Department of Energy

Bonneville Power Administration
P.O. Box 3621
Portland, Oregon 97208-3621

FREEDOM OF INFORMATION ACT PROGRAM

December 13, 2022

In reply refer to: FOIA #BPA-2022-00239-F

SENT VIA EMAIL ONLY TO: cmellick@kalispeltribe.com

Christine Mellick, Staff Attorney
Kalispel Tribe of Indians
Legal Office
934 S. Garfield Road
Airway Heights, WA 99001

Dear Ms. Mellick,

This communication is the Bonneville Power Administration's (BPA) final response to your request for agency records made under the Freedom of Information Act, 5 U.S.C. § 552 (FOIA). BPA received your records request on December 9, 2021, and formally acknowledged your request on January 10, 2022.

Request
"All documents related to Allrise Capital/Ponderay Real Estate, LLC requests to increase MW provision to the former Ponderay Newsprint Mill at 422767 State Rte 20, Usk, WA 99180."

Response
BPA has searched for and gathered records responsive to your request from the agency's Power and Transmission offices. Knowledgeable personnel have provided 446 pages of agency records. The records accompany this communication, with the following redactions applied:

- 11 redactions applied under 5 U.S.C. § 552(b)(2) (Exemption 2); and
- 1 redaction applied under 5 U.S.C. § 552(b)(4) (Exemption 4); and
- 8 redactions applied under 5 U.S.C. § 552(b)(5) (Exemption 5); and
- 10 redactions applied under 5 U.S.C. § 552(b)(6) (Exemption 6).

You'll find a detailed explanation of the applied exemptions below.

Explanation of Exemptions
The FOIA generally requires the release of all agency records upon request. However, the FOIA permits or requires withholding certain limited information that falls under one or more of nine

statutory exemptions (5 U.S.C. §§ 552(b)(1-9)). Further, section (b) of the FOIA, which contains the FOIA's nine statutory exemptions, also directs agencies to publicly release any reasonably segregable, non-exempt information that is contained in those records.

Exemption 2
Exemption 2 permits withholding of material "related solely to the internal personnel rules and practices of an agency" (5 U.S.C. § 552(b)(2)). BPA relies on Exemption 2 here to protect telephonic meeting call-in numbers and related passcodes found on the responsive records. Records protected by Exemption 2 may be discretionarily released. BPA considered a discretionary release and determined that the subject information should not be discretionarily released because a public release would hinder BPA internal procedures and policies.

Exemption 4
Exemption 4 protects "trade secrets and commercial or financial information obtained from a person [that is] privileged or confidential." (5 U.S.C. § 552(b)(4)). Information is considered commercial or financial in nature if it relates to business or trade. This exemption is intended to protect the interests of both the agency and third party submitters of information. Prior to publicly releasing agency records, BPA was required by Exemption 4 to solicit objections to a public release of any third party's confidential commercial information contained in the set of responsive records. BPA provided Public Utility District No. 1 of Pend Oreille County and Ponderay Renewable Fiber and Blockchain, LLC, with an opportunity to formally object to the public release of their respective information contained in the responsive records. BPA received objections and has accepted those objections, either in whole or in part, based on guidance available from the U.S. Department of Justice. The agency is withholding submitters' commercial confidential information from public release. The FOIA does not permit a discretionary release of information otherwise protected by Exemption 4.

Exemption 5
Exemption 5 protects "inter-agency or intra-agency memorandums or letters which would not be available by law to a party other than an agency in litigation with the agency" (5 U.S.C. § 552(b)(5)). In plain language, the exemption protects privileged records. The FOIA's Exemption 5 deliberative process privilege protects records showing the deliberative or decision-making processes of government agencies. Records protectable under this privilege must be both pre-decisional and deliberative. A record is pre-decisional if it is generated before the adoption of an agency policy. A record is deliberative if it reflects the give-and-take of the consultative process, either by assessing the merits of a particular viewpoint, or by articulating the process used by the agency to formulate a decision. Here, BPA relies on Exemption 5 to protect internal deliberations and opinions captured in a working paper. Records protected by Exemption 5 may be discretionarily released. BPA has considered and declined a discretionary release of some pre-decisional and deliberative information in the responsive records set because disclosure of that information would harm the interests and protections encouraged by Exemption 5.

Exemption 6
Exemption 6 serves to protect Personally Identifiable Information (PII) contained in agency records when no overriding public interest in the information exists. BPA does not find an overriding public interest in a release of the information redacted under Exemption 6 —

specifically, individuals' signatures and cell numbers. BPA cannot waive these PII redactions, as the protections afforded by Exemption 6 belong to individuals and not to the agency.

Lastly, as required by 5 U.S.C. § 552(a)(8)(A), information has been withheld only in instances where (1) disclosure is prohibited by statute, or (2) BPA foresees that disclosure would harm an interest protected by the exemption cited for the record. When full disclosure of a record is not possible, the FOIA statute further requires that BPA take reasonable steps to segregate and release nonexempt information. The agency has determined that in certain instances partial disclosure is possible, and has accordingly segregated the records into exempt and non-exempt portions.

Certification
Pursuant to 10 C.F.R. § 1004.7(b)(2), I am the individual responsible for the records search, the redactions applied thereto, and the records release described above.

Appeal
The records release certified above is final. Pursuant to 10 C.F.R. § 1004.8, you may appeal the adequacy of the records search, and the completeness of this final release, within 90 calendar days from the date of this communication. Appeals should be addressed to:

Director, Office of Hearings and Appeals
HG-1, L'Enfant Plaza
U.S. Department of Energy
1000 Independence Avenue, S.W.
Washington, D.C. 20585-1615

The written appeal, including the envelope, must clearly indicate that a FOIA appeal is being made. You may also submit your appeal by e-mail to OHA.filings@hq.doe.gov, including the phrase "Freedom of Information Appeal" in the subject line. (The Office of Hearings and Appeals prefers to receive appeals by email.) The appeal must contain all the elements required by 10 C.F.R. § 1004.8, including a copy of the determination letter. Thereafter, judicial review will be available to you in the Federal District Court either (1) in the district where you reside, (2) where you have your principal place of business, (3) where DOE's records are situated, or (4) in the District of Columbia.

Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows:

Office of Government Information Services
National Archives and Records Administration
8601 Adelphi Road-OGIS
College Park, Maryland 20740-6001
E-mail: ogis@nara.gov
Phone: 202-741-5770
Toll-free: 1-877-684-6448
Fax: 202-741-5769

Questions about this communication or the status of your FOIA request may be directed to James King, FOIA Public Liaison, at jjking@bpa.gov or 503-230-7621. Questions may also be directed to E. Thanh Knudson, Case Coordinator (ACS Staffing Group), at 503-230-5221 or etknudson@bpa.gov.

Sincerely,

Candice D. Palen
Freedom of Information/Privacy Act Officer
Attachments / Enclosures: Agency records responsive to FOIA request BPA-2022-00239-F accompany this communication.

BPA Payment Instructions

1. Wire Transfer (FEDWIRE) Payment Instructions

Check with your bank for wire transfer deadlines and associated wire fees. You may contact us after your first wire payment, and we will verify that it transferred accurately.

Necessary Information to Complete Process:

1) **ABA Number: 021030004**
2) **Receiving Bank: "TREAS NYC"**
3) **Product Code: "TREAS NYC / CTR"**
4) **Account: 89001401**
5) **Third Party Information After "OBI=" Provide pertinent information to insure correct application of payment. (i.e.: the BPA invoice number you are paying, the contract number, or other information specific to your payment)**

2. Automated Clearing House (ACH) Credit Instructions

Payments must be submitted no later than the day before payment is due since ACH is processed overnight. You may contact us at (503) 230-5788, after your first ACH payment, and we will verify that it transferred accurately.

Necessary Information to Complete Process:

1) **ABA Number: 051036706**
2) **Account Number: 312013**
3) **Receiving Bank: Federal Reserve Bank**
4) **Bank Address: 701 E. Byrd Street, Richmond, VA 23219**
5) **Bank Phone Number: 804-697-8000**
6) **Receiver Name: BPA**
7) **Identification Number: This field may be used instead of the addenda record to identify the payment.**

3. Direct Debit Payment

This option authorizes the Bonneville Power Administration (BPA) to automatically withdraw payments from a bank account. It is free and only requires registration. Submit the direct debit form.

4. Payment by Credit Card or Checking Account (Pay.gov)

BPA accepts VISA, MasterCard, American Express, Discover, and Diners for invoices under $25,000 (limited to one credit card transaction per invoice) or electronic payments from a checking account for any dollar amount. Go to Pay.gov.

5. Payment by Check (only if permitted by agreement or contract terms)

U.S. Postal Service

BONNEVILLE POWER ADMINISTRATION
ATTN: LOCKBOX
P.O. BOX 3621
PORTLAND, OR 97208-3621

FedEx

BONNEVILLE POWER ADMINISTRATION
ATTN: LOCKBOX
905 NE 11th AVE
PORTLAND, OR 97232

For more information: visit HowtoPay, email ar@bpa.gov or call 503-230-5788.

This information is being provided to you upon your request. It contains sensitive account and banking information. It should be used for its intended purpose only.

Updated April 2019

(b)(4)

From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Mon Feb 08 15:38:34 2021

To: Colin Willenbrock; Patton,Kathryn B (BPA) - PSS-SEATTLE

Cc: April Owen; Moore,Lisa A (BPA) - PSSE-MEAD-GOB

Subject: RE: PNC Discussion for Next Week

Importance: Normal

Attachments: image001.jpg; image002.jpg; image003.jpg; image004.jpg; image005.jpg; image006.jpg

Afternoon Colin (hello to April as well),

Good to hear opportunities are emerging.

The quick answer is, no. The memo was not intended to link the NLSL determination to the owner, PNC. The obligation is tied to the load and the specific manufacturing process(es) as determined when the load was originally designated. Much like NW hydro resources, once a NLSL, always a NLSL. BPA has faced this issue in the past when ownership has changed and determined that, ownership absent a major change in manufacturing process, does not remove the obligation to purchase PF from BPA.

I would imagine you might be thinking that a change from newsprint to brown paper would be a consideration. While I can't say with 100% certainty, without a full review of the new process, I am confident that would not qualify. The process remains largely the same. On the other hand, if a server farm was to take over the facility, that would likely require a new determination. In that case, the manufacturing process has clearly changed and purchase obligation would not apply. These examples are the bookends. There's some gray area in the middle that we would need to discuss further.

I have CC'd Kate Patton in our Seattle office. She is one of our subject matter experts NLSL determinations as well

as resources (she took part in our discussion the last time I came for a visit). She can correct me if I explained anything here in error.

Hope that helps. Happy to discuss this further.

Mike

From: Colin Willenbrock <cwillenbrock@popud.org>
Sent: Monday, February 8, 2021 10:23 AM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Cc: April Owen <aowen@popud.org>
Subject: [EXTERNAL] RE: PNC Discussion for Next Week

Mike,

I hope this note finds you well and off to a great start in 2021. As you may have heard, we have been fielding inquiries from interested bidders as part of the Ponderay Newsprint Company (PNC) Chapter 7 bankruptcy proceedings. I need to quickly get written clarity on BPA's position on Pend Oreille PUD's purchase obligations if a new owner were to acquire the site. In the February 14, 2020 memo and in our follow-up meeting, BPA suggested that the Net Requirement determination (and NLSL designation) was specific to Ponderay Newsprint Company and would not apply to a new owner. Can you please confirm. Most of the proposed loads at the site are 30-90 aMW and involve a variety of new/converted processes from data processing to brown paper manufacturing.

Please don't hesitate to give me a call if you have questions.

Thanks,
Colin

F. Colin Willenbrock
General Manager

Public Utility District No. 1 of Pend Oreille County
P.O. Box 190 | 130 N. Washington
Newport, Washington 99156
509.447.3137 | cwillenbrock@popud.org | www.popud.org

From: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Sent: Friday, February 14, 2020 3:54 PM
To: Colin Willenbrock <cwillenbrock@popud.org>
Cc: Patton,Kathryn B (BPA) - PSS-SEATTLE <kbpatton@bpa.gov>; Miller,Robyn M (BPA) - PSS-6 <rmmiller@bpa.gov>; Moore,Lisa A (BPA) - PSSE-MEAD-GOB <lamoore@bpa.gov>
Subject: PNC Discussion for Next Week
Importance: High

Colin,

Appreciate your patience on us getting you the information. As we got into the discussion internally, we realized it would be helpful to pull together the contract language and some scenarios. The attachments are as follows:

1. Discussion Paper w/ Explanation of the Net Requirement, possible contract language and a timeline of the BPA Net Requirement Process
2. Scenarios illustrating different potential scenarios (we can update this if you would like to additional alternatives)
3. Contract Materials referenced in the paper (Exhibit A, D and Rate Schedules)

Look forward to our discussion on Tuesday. If it works, I'd like to have Kate Patton from our Seattle office call in for the discussion. Kate can provide a much more detailed explanation of the process and how it has worked with Cowlitz PUD and NorPAC.

Have a good weekend.

Mike

Michael R. Normandeau
Account Executive | PSE – Power Services
Bonneville Power Administration
bpa.gov | P 406-676-2669 | (b)(6)

From: Colin Willenbrock

Sent: Tue Feb 09 09:59:21 2021

To: Normandeau,Mike (BPA) - PSE-RONAN; Patton,Kathryn B (BPA) - PSS-SEATTLE

Cc: April Owen; Moore,Lisa A (BPA) - PSSE-MEAD-GOB

Subject: [EXTERNAL] RE: PNC Discussion for Next Week

Importance: Normal

Attachments: image001.jpg; image002.jpg; image003.jpg; image004.jpg; image005.jpg; image006.jpg

Thanks, Mike. Probably would be good to set up a call next week. We will need to better understand how those determinations are made.

Colin

From: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Sent: Monday, February 8, 2021 3:39 PM
To: Colin Willenbrock <cwillenbrock@popud.org>; Patton,Kathryn B (BPA) - PSS-SEATTLE <kbpatton@bpa.gov>
Cc: April Owen <aowen@popud.org>; Moore,Lisa A (BPA) - PSSE-MEAD-GOB <lamoore@bpa.gov>
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Importance: High

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Michael R. Normandeau

Account Executive | PSE – Power Services

Bonneville Power Administration
bpa.gov | P 406-676-2669 | C (b)(6)

From: April Owen

Sent: Tue Mar 30 12:09:46 2021

To: Normandeau,Mike (BPA) - PSE-RONAN

Cc: Patton,Kathryn B (BPA) - PSS-SEATTLE

Subject: [EXTERNAL] FW: Follow Up on NLSL Discussion, Boundary/Box and the Net Requirement Calculation

Importance: Normal

Attachments: POPUD Net Requirements Calc Example.xlsx

Hi Mike,

We are communicating with a couple of potential bidders on the PNC site and are working on pricing information. At a high level, is there a head-nod that we have estimated the net requirements calculation correctly – that a new load over approximately 50 aMW would put us in a position where we would be purchasing power from BPA (that our net requirements would be above 0)? And that we could receive a maximum of 25 aMW of BPA power at Tier 1 rates because that is our high water mark?

We definitely understand that these are all estimates, but we want to make sure we are understanding the calculation as we speak to companies this week. The site will be auctioned April 23rd, and potential bidders need to register by the 14th, so we are trying to get pricing information ASAP.

Thanks,

April.

From: April Owen
Sent: Monday, March 29, 2021 12:58 PM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Subject: RE: Follow Up on NLSL Discussion, Boundary/Box and the Net Requirement Calculation

So sorry for the delay, Mike. This got lost in my email.

I am open all this week except for tomorrow (Tuesday) from 1:00 on and Wednesday from 2:00-4:00.

Thanks,

April.

From: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Sent: Wednesday, March 24, 2021 12:59 PM
To: April Owen <aowen@popud.org>
Subject: Follow Up on NLSL Discussion, Boundary/Box and the Net Requirement Calculation

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Afternoon April,

We've been reviewing the data you forwarded to Kate regarding the Net Requirement calculations and the increase in Boundary energy. Staff has some questions that are probably best directed to you rather than through me. To that end, I'd like to set up a call to discussion the NR and also probe a bit deeper into the changes at Boundary. Do you have any days/times next week that would work? I'm betting we use up a better part of an hour for this discussion.

Thanks.

Mike

Pend Oreille County Public Utility District #1

Pend Oreille PUD
Net Requirements Calculation Estimate
A. Owen 3/4/21

The following calculation attempts to determine the amount of load that can be added to our current load before Pend

Step 1 from 2020-2021 Net Requirements Calculation:

Step 1: Above-RHWM Load Calculation	
(in annual aMW)	
TRL Forecast 1/	108.632
NLSL Resources 2/	56.471
Existing Resources 3/	30.936
Gross Requirements 4/	21.224
RHWM 5/	25.632
Headroom 6/	4.408

New Industrial Example:

Step 1: Above-RHWM Load Calculation	
(in annual aMW)	
TRL Forecast 1/	83.681
NLSL Resources 2/	50.000
Existing Resources 3/	30.936
Gross Requirements 4/	2.750
RHWM 5/	25.632
Headroom 6/	22.882

See right ---> Simplified tc Used last ye BPA power p

Under the calculation to the right, the District could currently add just under 50 aMW before requiring BPA power purc

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Current Retail Load	33.681
New industrial	50.000
>	83.681

› put new industrial all to NLSL

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›urchase requirement

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From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Tue Mar 30 14:27:22 2021

To: Patton,Kathryn B (BPA) - PSS-SEATTLE; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Gilmore,Douglas R (BPA) - PSSE-MEAD-GOB

Cc: Moore,Lisa A (BPA) - PSSE-MEAD-GOB

Subject: FW: Follow Up on NLSL Discussion, Boundary/Box and the Net Requirement Calculation

Importance: Normal

Attachments: POPUD Net Requirements Calc Example.xlsx

Will get the meeting set up for early next week.

From: April Owen <aowen@popud.org>
Sent: Tuesday, March 30, 2021 1:10 PM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Cc: Patton,Kathryn B (BPA) - PSS-SEATTLE <kbpatton@bpa.gov>
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From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Thu Apr 08 15:34:03 2021

To: April Owen; Patton,Kathryn B (BPA) - PSS-SEATTLE

Cc: Tyler Whitney; Colin Willenbrock; Schimmels,Nancy M (BPA) - PSE-MEAD-GOB; Gillman,Richard A (TFE)(BPA) - TSQ-TPP-2; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Moore,Lisa A (BPA) - PSSE-MEAD-GOB

Subject: RE: Pend Oreille NLSL discussion

Importance: Normal

Attachments: image001.jpg; image003.jpg

April,

Here's the response to your questions. Thank you, Kate, for drafting the response. We still have some internal discussions to wrap up on the second question and will be sure to get that to you as soon as we can.

More than willing to discuss this further if that would be helpful.

Mike

1. If our new load is a newsprint producer, it is assumed that it will continue under PNC's former NLSL designation. With the "old" NLSL designation, are we able to dedicate additional resource under Exhibit A to serve that load? For example, we currently have approximately 56 aMW designated as NLSL dedicated resources. Can we add an additional 30 aMW of dedicated resources from a market purchase contract to serve the NLSL, resulting in a net requirements calculation of zero?
Here is the special provision language from Exhibit A Section 4:

The sum of the Dedicated Resources in section 4 of this exhibit are revised, by September 15th of each year for the upcoming Fiscal Year, to equal Pend Oreille's NLSL forecast for the upcoming Fiscal Year. If the sum of the Dedicated Resource amounts in section 4 of this exhibit is less than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in section 2 and included in this section. If the sum of the Dedicated Resource amounts in section 4 is greater than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in this section and included in section 2. The amounts are adjusted between the two sections each year; however, the sum of the resources is not subject to change except in accordance with section 3.5 of the body of the Agreement. Additionally, Box Canyon Dam is adjusted before adjustments to Boundary Dam.

Nothing in here precludes you from adding additional resources into section 4 to serve an NLSL. I would caution in this scenario is if you added another resource, you are effectively locked into having 57.461 aMW of Boundary/Box serve the NLSL and only have the remaining 30 aMW of existing (Boundary/Box/ et al) dedicated resources to serve your PF load. If your PF load grows, the PUD could have a Net Requirement again, but it wouldn't be because of the NLSL.

2. Does the above scenario change if we have a New NLSL? Do we re-dedicate resources at that time?

I am still waiting to hear back from our Legal folks on how we would deal with the current breakdown for Box and Boundary between serving PF and a NLSL in the future. A change from the current breakdown could affect how much more unspecified resource the PUD would need to purchase to serve a new NLSL. But it doesn't bar PUD from adding a new resources to serve the new NLSL. It is just a question of how we would divide the Box and Boundary amounts going in the future, because the special provision language noted above only applies to the newsprint load. If a new NLSL determination is made, BPA would apply the standard NLSL policy and contract language that currently applies to all other customers. This would fix the Box and Boundary resource amounts in the contract.

3. If we can add dedicated resource, do we add those resources during the net requirements calculation process?

For NLSLs, everything is based on their monitoring period, the 12 month period in which BPA monitors the energy use to see if the load grows by more than 87,600,000 kWh. This monitoring period doesn't have to match the fiscal year. It is not clear from exhibit D when Pend Oreille's Newsprint's monitoring period is, but it might be

the fiscal year. If the monitoring period for a new NLSL is not October 1 – September 30, then BPA would update the exhibit A with the new dedicated resource(s) to serve an NLSL prior to the start of the monitoring period, and then update the Net Requirement calculation accordingly. Let's say for example, there is a new NLSL that we start monitoring on December 1 2021. Prior to December 1, we would need update the Exhibit A to include any new resources that the PUD wanted to dedicate to serve its load. Then we would update the Net Requirement calculation that we finalized by Sep 15 2021 to include that NLSL load and NLSL resource. The Net Requirement should be the same, but we have to go through the paper work anyways. In other words, we would update Exhibit A and the Net Requirement at whatever point the monitoring period begins. Depending on what we know by June 30 (when the PUD's Load Forecast is due for the FY 22 Net Requirements), we might be able to add the resource then. This assumes we are using the Planned NLSL methodology because the load is expected to be greater than 10aMWs during the monitoring period.

From: April Owen <aowen@popud.org>
Sent: Wednesday, April 7, 2021 4:08 PM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>; Patton,Kathryn B (BPA) - PSS-SEATTLE <kbpatton@bpa.gov>
Cc: Tyler Whitney <TWhitney@popud.org>; Colin Willenbrock <cwillenbrock@popud.org>
Subject: [EXTERNAL] Pend Oreille NLSL discussion

Mike and Kate,

Thanks again for the discussion we had on Friday afternoon regarding NLSL. I wanted to clarify the following:

1. If our new load is a newsprint producer, it is assumed that it will continue under PNC's former NLSL designation. With the "old" NLSL designation, are we able to dedicate additional resource under Exhibit A to serve that load? For example, we currently have approximately 56 aMW designated as NLSL dedicated resources. Can we add an additional 30 aMW of dedicated resources from a market purchase contract to serve the NLSL, resulting in a net requirements calculation of zero?
2. Does the above scenario change if we have a New NLSL? Do we re-dedicate resources at that time?
3. If we can add dedicated resource, do we add those resources during the net requirements calculation process?

Again, we are looking to make sure we have a clear understanding before we submit pricing estimates to potential bidders. If easier, I can coordinate a call with our management team if there is availability this afternoon or tomorrow.

Thanks,
April.

April Owen
Director, Audit, Finance & Power Supply

Public Utility District No. 1 of Pend Oreille County
P.O. Box 190 | 130 N. Washington Ave
Newport, WA 99156
509.447.9321 | www.popud.org

June 23, 2021

Mr. F. Colin Willenbrock,
General Manager
Public Utility District No. 1 of Pend Oreille County
P.O. Box 190
Newport, WA 99156

Delivered via electronic mail to: cwillenbrock@popud.org

Re: Letter of Intent to Establish Electric Service

In response to your letters dated May 6 and May 20, 2021, please accept this Letter of Intent ("LOI") to expand electric service at the former Ponderay Newsprint Mill site in Usk for Ponderay Renewable Fiber and Blockchain, LLC ("PRFB" or "Customer"). We are eager to establish a productive and value-added relationship with Public Utility District No. 1 of Pend Oreille County ("District") and hope that this LOI will be the catalyst to enable cooperative efforts between the District and PRFB (together, "Parties"). We look forward to working with your team to establish a low cost, reliable industrial scale power supply. Details are provided below.

1. **Non-Binding**: Nothing in this LOI should be construed to be a binding commitment of Customer. Information herein is the best estimate available currently and is subject to change without notice. The binding commitments of the Parties shall only be as set forth in definitive agreements based on this LOI and efforts between the Parties to reach agreement on terms of power supply.
2. **Customer**: Ponderay Renewable Fiber and Blockchain, LLC.
3. **Customer Location**: 422767 SR 20, Usk, WA 99180, service will be required within Tax parcel 443208000005 and other nearby parcels at the Customer Location in Pend Oreille County, WA.
4. **Customer Contacts**: Mr. Todd Behrend (509) 671-7729 tbehrend@ponderayrfb.com or Mr. Steve Wood (509) 737-7472 swood@ponderayrfb.com
5. **Customer Affiliation**: Customer is a wholly owned affiliate of Allrise Capital, Inc. 200 Spectrum Center Dr. Suite 1450, Irvine, CA 92618 (949) 748-6285.
6. **Existing Service**: Customer is currently receiving Industrial Service from the PUD at this location and wishes to expand the service to include additional future operating needs.

7. **Service Requested:** Customer requests that the District collaborate with Customer to develop two power supply scenarios to expand service at the Customer Location, as described in general below.

    a. District Supply: Service to customer pursuant to the PUD's Electric Service and Rates Policy dated January 1, 2021 (page 14, Industrial Service). In this scenario Customer understands the District will develop a supply portfolio including electricity from District-owned generation resources and from the Bonneville Power Administration (BPA), supplemented by wholesale market purchases as appropriate. The District would develop an industrial service rate and Customer understands that a negotiated contract will be required.

    b. District Modified Buy-Sell: In this scenario, Customer requests District cooperation and support for Customer to negotiate the terms of a power supply portfolio with market-based suppliers, which could include power marketing entities as well as third-party utilities, including investor-owned utilities and other public utilities, willing to sell excess energy production. Once Customer has completed negotiation of the market-based power supply, the District would agree to make reasonable efforts to purchase such market-based power supply and resell it to Customer. In this scenario, the District will include a delivery fee, to be negotiated with Customer, for use of District equipment and Balancing Authority Area services to facilitate delivery of the market-based power supply to Customer. In addition, customer requests District consideration of establishing a BPA "net requirement" based on Customer load requirements. Such BPA net requirement would be delivered at the current BPA Priority Firm (PF) rate and the amount of BPA provided PF power would be netted against the quantities pertaining to the buy-sell contract.

8. **Load Estimate**: Please provide rates for delivered power in the quantities estimated below.

    a. **Immediate 2 MW expansion** Customer plans to add up to 2MW to the existing 1.5 MW currently being provided by the District. This immediate expansion would result in total Customer site load of 3.0 to 3.5 MW. Customer would prefer to start this immediate expansion of service in July 2021 if possible. Additional service expansions are listed in 8.b through 8.d below.

    b. **Not less than 75 MW and not more than 125 MW** with various start of service dates as follows:

        i. September 1, 2021
        ii. October 1, 2021
        iii. November 1, 2021

    c. **Not less than 125 MW and not more than 144 MW** beginning January 1, 2022.

    d. **Not less than 144 MW and not more than 300 MW** beginning July 1, 2023.

9. **Nature of the Load**: Customer intends to re-start and operate the existing pulp and paper making equipment that exists at the Customer Location and has been previously served by the District. In addition, Customer plans to install one or more data centers. Accordingly, please consider the initial assumptions listed below as to the nature and shape of the power deliveries.

    a. Pulp and Paper: Customer expects normal operation at 92% to 93% load factor.

        i. Fluctuations may occur as in the past, due to unanticipated events within the paper-making process and scheduled maintenance activities that require temporary reductions in electrical load. Pulp and paper process load is anticipated to vary between 75 MW and 90 MW over time. Like what the District and previous mill operations experienced in the past, Customer would anticipate curtailing production in response to events called by the District or for events to allow arbitrage of spot market energy price spikes, the proposed terms of which should be set forth in the District's response to paragraph 7 of this LOI.

        ii. Customer is willing to discuss demand response related (including economic curtailments) for up to ~50% of its pulp and paper load which may be helpful to the District and BPA in managing critical demand events or emergencies within the overall system. Customer requests the District to include the value of demand response and required load flexibility terms in its response to paragraph 7 of this LOI.

    b. Data Center: Customer expects that the data center installation will have space heating and cooling requirements in addition to electronic computer equipment and lighting. This load shape is expected be at virtually 100% load factor. As a general matter, please assume that demand above 90 MW is related to data center operations.

        i. Customer is willing to assist in managing load fluctuation by temporarily adding or curtailing data center demand, thus reducing the incidence of unanticipated material deviations in load.

        ii. Customer is willing to discuss demand response related (including economic curtailments) for up to 25% of its load which may be helpful to the District and BPA in managing critical demand events or emergencies within the overall system. Customer requests the District to include the value of demand response and required load flexibility terms in its response to paragraph 7 of this LOI.

10. **Sequencing service start dates**: The existing electrical equipment at the site has been properly maintained since being taken out of service in 2020. Customer's independent consultants have advised that as of June 2021 the existing 13.8 kV site electrical equipment operating capacity is about 144 MW. To attain restarted operations as quickly as possible, Customer proposes a two-stage approach:

i. Phase 1 – Initial expansion of service. To facilitate near term, startup planning needs, Customer therefore asks the District to expedite the development of terms for between 90 MW and 144 MW of service that do not exceed the limits of the equipment which has been used historically to serve the Customer location.

ii. Phase 2 – Planning for material load growth. It is understood that technical studies and evaluations may need to be completed to provide service above the existing equipment capacity range of 90 MW to 144 MW referenced above. Customer requests that these study and evaluation efforts be undertaken on a parallel track but separately from the initial service expansion.

Thank you for your consideration. We look forward to working with the District to complete an appropriate Cost Reimbursement Agreement and to provide the deposit necessary so that we may begin work on the concepts outlined herein.

Sincerely,

DocuSigned by:
(b)(6)
24D9BF8239E9409...

Steve Wood, CFO
Ponderay Renewable Fiber & Blockchain

Cc: Todd Behrend, PRFB
Ruslan Zinurov, Allrise Capital
Nathan Cho, Allrise Capital
Mikhail Trubchik, Allrise Capital
April Owen, Pend Oreille PUD
Tyler Whitney, Pend Oreille PUD

From: April Owen

Sent: Wed Jun 30 16:34:00 2021

To: Cicarelli,Andres A (BPA) - KSL-BELL-1

Cc: Diana Jackson; Harris,Adelle L (TFE)(BPA) - TSES-TPP-2; Normandeau,Mike (BPA) - PSE-RONAN; Lacambra,Jared M (BPA) - TPCF-MEAD-GOB; Colin Willenbrock; Tyler Whitney; Patton,Kathryn B (BPA) - PSS-SEATTLE; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB

Subject: [EXTERNAL] RE: Pend Oreille FY21 Q3 Review 2021-6-16 (Exc Newsprint Load).xlsx

Importance: Normal

Attachments: image005.jpg; image006.jpg; image007.png; image008.png; 2021.06.23 Letter of Intent.pdf; POPUD 2021-2022 NR load information.xlsx

Andres,

I think using the existing forecast for the net requirements calculation looks reasonable. I have attached some historical and estimated future load data on some specific items:

1. I included Teck Cominco monthly average MW, since that has been a change in our load over the years. We do not expect any changes for the next fiscal year.

2. We have had some cryptomining load come in to the District. Those loads declined slightly for the first 6 months of 2021, but we now have a few that are wanting more power as well as a couple new customers. The estimates include our best guess as to when those loads will be occurring.

3. The Ponderay Newsprint site was purchased by Allrise Capital and is looking to start up both the mill and cryptomining operations. They are operating under Ponderay Renewable Fiber & Blockchain name. I've attached their letter of intent that we recently received and took a guess at what their loads may look like per the letter. Hopefully we will know more on actual amounts and timelines soon.

Hopefully this information will help in the adjustments for the 2021-2022 calculation, as you know better than me what all goes in to the calculation.

Let me know what else you will need.

Thanks,

April.

April Owen

Director, Audit, Finance & Power Supply

Public Utility District No. 1 of Pend Oreille County

P.O. Box 190 | 130 N. Washington Ave

Newport, WA 99156
509.447.9321 | www.popud.org

From: Cicarelli,Andres A (BPA) - KSL-BELL-1 <aacicarelli@bpa.gov>
Sent: Thursday, June 17, 2021 10:31 AM
To: April Owen <aowen@popud.org>
Cc: Diana Jackson <djackson@popud.org>; Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>; Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>; Lacambra,Jared M (BPA) - TPCF-MEAD-GOB <jmlacambra@bpa.gov>
Subject: Pend Oreille FY21 Q3 Review 2021-6-16 (Exc Newsprint Load).xlsx

Hi April,

Attached is the 3rd quarter forecast review for FY2021. Note that it is missing a month for a full quarter, but due to contract requirements, Pend Oreille's forecast needs to be completed by late June-early July.

The energy forecast is tracking fairly well on a year to date and monthly basis when compared to weather adjusted (where applicable) actual amounts.

The peak forecast isn't tracking as well as I would like with large discrepancies between forecast and actual amounts. However, those differences usually occur when there is a large deviation in HDD from the normal HDD used in the model. Note that actual amounts are not weather normalized. Since the differences in peak amounts tend to correspond with HDD differences, I think at least part of the discrepancies can be explained by weather events. Any thoughts on anything else which may have caused the peak discrepancies?

Because the energy forecast is tracking fairly well, and the peak forecast discrepancies be can at least partially explained, I am inclined to use the existing forecast for the upcoming Slice/Block contract process. Any thoughts on this?

The energy and peak forecast amounts are shown below relative to historical values.

Talk to you later,

Andres

Pend Oreille County Public Utility District #1

Pend Oreille PUD
Information for Net Requirements Calculation
6/30/2021

The following are **aMW** monthly load totals. ***Bold italicized*** numbers are estimates.

The following is Teck Cominco's loads following reduction in mine operations in August 2019. We don't anticipate changes for the coming fiscal year.

Teck Cominco	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
2021-2022	***2.00***	***2.00***	***2.00***	***2.00***	***2.00***	***2.00***	***2.00***	***2.00***	***2.00***	***2.00***	***2.00***	***2.00***
2020-2021	1.98	2.27	2.04	1.49	2.18	2.37	2.19	1.91	2.26	***2.00***	***2.00***	***2.00***
2019-2020	2.69	2.16	2.59	2.27	2.34	2.43	2.05	1.50	2.48	2.02	2.05	2.05
2018-2019				7.02	6.68	6.26	6.43	5.24	5.04	5.53	3.22	3.34

The following are cryptomining loads that have come in to the District. Estimated amounts are based on line extensions and expected verbal load schedule changes.

Cryptomining Loads:												
2021-2022	***3.90***	***4.40***	***4.90***	***5.40***	***6.40***	***6.40***	***6.40***	***7.40***	***7.40***	***7.40***	***7.40***	***7.40***
2020-2021	2.35	2.37	2.43	1.44	1.51	1.72	1.56	2.02	2.42	***3.40***	***3.40***	***3.90***
2019-2020	2.00	2.13	3.05	3.15	3.21	3.37	3.67	3.19	3.16	2.73	2.50	2.41
2018-2019				1.57	1.72	1.71	1.95	2.27	1.94	2.33	1.88	2.17

This is an estimate based on a letter of intent submitted by Ponderay Renewable Fiber & Blockchain who is now operating at the previous Ponderay Newsprint site. Cryptomining vs. pulp & paper production are estimates only and based on numbers in the LOI.

Ponderay/Allrise "old" NLSL - mill operations												
2021-2022	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00	85.00
2020-2021	1.00	1.30	1.40	1.30	1.40	1.30	1.30	1.00	0.90	1.50	7.50	75.00

Ponderay/Allrise New NLSL - Cryptomining												
2021-2022	30.00	30.00	30.00	45.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00	55.00
2020-2021	-	-	-	-	-	-	-	-	-	-	2.00	2.00

From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Thu Jul 01 08:37:25 2021

To: Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Moore,Lisa A (BPA) - PSSE-MEAD-GOB; Schimmels,Nancy M (BPA) - PSE-MEAD-GOB; Patton,Kathryn B (BPA) - PSS-SEATTLE

Subject: FW: Pend Oreille FY21 Q3 Review 2021-6-16 (Exc Newsprint Load).xlsx

Importance: Normal

Attachments: image005.jpg; image007.png; image008.png; 2021.06.23 Letter of Intent.pdf; POPUD 2021-2022 NR load information.xlsx; image002.jpg

FYI- submitted by the PUD late yesterday… I still expect a letter from the PUD by COB tomorrow.

Mike

From: April Owen <aowen@popud.org>
Sent: Wednesday, June 30, 2021 5:34 PM
To: Cicarelli,Andres A (BPA) - KSL-BELL-1 <aacicarelli@bpa.gov>
Cc: Diana Jackson <djackson@popud.org>; Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>; Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>; Lacambra,Jared M (BPA) - TPCF-MEAD-GOB <jmlacambra@bpa.gov>; Colin Willenbrock <cwillenbrock@popud.org>; Tyler Whitney <TWhitney@popud.org>; Patton,Kathryn B (BPA) - PSS-SEATTLE <kbpatton@bpa.gov>; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB <sababaidhan@bpa.gov>
Subject: [EXTERNAL] RE: Pend Oreille FY21 Q3 Review 2021-6-16 (Exc Newsprint Load).xlsx

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historical and estimated future load data on some specific items:

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Thanks,
April.

April Owen
Director, Audit, Finance & Power Supply

Public Utility District No. 1 of Pend Oreille County
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Newport, WA 99156
509.447.9321 | www.popud.org

From: Cicarelli,Andres A (BPA) - KSL-BELL-1 <aacicarelli@bpa.gov>
Sent: Thursday, June 17, 2021 10:31 AM
To: April Owen <aowen@popud.org>
Cc: Diana Jackson <djackson@popud.org>; Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>; Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>; Lacambra,Jared M (BPA) - TPCF-MEAD-

GOB <jmlacambra@bpa.gov>
Subject: Pend Oreille FY21 Q3 Review 2021-6-16 (Exc Newsprint Load).xlsx

CAUTION: This email originated from outside of the POPUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

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Talk to you later,

Andres

From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Thu Jul 01 12:46:23 2021

To: Schimmels,Nancy M (BPA) - PSE-MEAD-GOB; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Moore,Lisa A (BPA) - PSSE-MEAD-GOB

Subject: FW: Enabling Agreement Package

Importance: Normal

Attachments: BPA Credit Application.docx; BPA Power Enabling Agreement.pdf; BPA Netting Agreement Template.docx.pdf; Redacted Confirm.pdf

FYI- April is working with the trading floor on a 5MW strip purchase this summer. Still questionable if we can make it work but John W. is trying.

Mike

From: Wellschlager,John D (MFE)(BPA) - PTL-5 <jdwellschlager@bpa.gov>
Sent: Wednesday, June 30, 2021 4:01 PM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Subject: FW: Enabling Agreement Package

FYI – I'll try to do what I can to help them. I have some ideas that might help me get it past Operations and upper management. Stay tuned.

From: Wellschlager,John D (MFE)(BPA) - PTL-5
Sent: Wednesday, June 30, 2021 2:58 PM
To: April Owen <aowen@popud.org>; Diana Jackson <djackson@popud.org>
Cc: Rodrigues,Melissa Y (BPA) - CBC-7 <myrodrigues@bpa.gov>; Allen,Adrian S (BPA) - PTL-5

<asallen@bpa.gov>; Weekley,Annamarie E (BPA) - PTL-5 <aegoode@bpa.gov>
Subject: Enabling Agreement Package

Hi April,
I had Adrian look up Pend Oreille in the WSPP data base and apparently the PUD has been a member since July of 2020. So, with that in mind I've attached the standard WSPP version package of agreements & forms you'll need to get the process rolling for Pend Oreille to sign an Enabling Agreement with BPA. One major element will be to first complete the BPA credit application. While it's true that Pend Oreille already has some credit with BPA as a Block customer, that credit is centered around your Block Service. As such, I would suggest you coordinate with our credit department to see if the potential transactions Pend Oreille could make with the Trading Floor require increasing that credit amount.

As noted during our phone call today, our Enabling and Netting agreements are standardized templates we use with counterparties. As such, unless some kind of fundamental flaw is found, we do not modify them. The Generic Agreements are attached for your review to ensure you find them acceptable before we begin preparing the actual contract drafts for signature. If you have any questions about the process or documents please feel free to contact myself or Adrian (503-230-4612). A good contact for the credit part of the process is Melissa Rodriques. Her phone number is 503-230-3831
Here's the forms I've included.
1) BPA Credit Application - you'll need to get this done first to start the process.
2) Generic Enabling Agreement - this is the basic agreement we'll need to do business. I've attached a generic one for your to review.
3) Generic Netting Agreement - This agreement is optional. It allows for "netting" various within month deals between BPA and Pend Oreille into a single bill (with the exception of your Block Contract) . You may not need this given the limited number of transactions both BPA and the PUD would do with other within each month.
4) Redacted Confirmation Agreement - I've attached a copy of a redacted Confirmation Agreement, which is a one month sale (didn't have a recent quarterly sale to use). This is an actual Confirmation Agreement minus the counter parties names etc. I think you'll see just how straight forward these are once you review it. That's the value of having the Enabling Agreement in place. Its makes the actual transactions quick and easy to document. I believe the forms are self-explanatory. Please let me know if you have questions.
Thanks
John Wellschlager
Account Executive

Bulk Marketing/Trading Floor
503-230-5944
jdwellschlager@bpa.gov

BONNEVILLE
POWER ADMINISTRATION

CREDIT APPLICATION

Date _____

Company Name _____

Address _____

_____

_____

D-U-N-S Number _____

Credit Manager or Contact Person _____

Phone _____ Fax _____ E-mail _____

1. What is the bond rating for your company's unsecured debt?
Moody's _____
S&P _____
Other _____

2. Is your company a subsidiary or affiliate of another company? _____ If yes, please provide information on the related company:

Name _____

Address _____

_____

_____

a) Does the related company have a bond rating? _____ If yes, what is the rating?

_____

b) Is the related company willing to provide a document to BPA guaranteeing the financial obligations of the applicant? _____

3. Does your company have a written policy addressing hedging and the use of financial derivative products? _____

4. Does your company use portfolio valuation models and stress testing?_____

5. Is your product portfolio marked-to-market? _____

6. Does your company have a written policy on credit risk management?_____

7. Approximately how many power customers does your company have? _____

8. Does any single customer comprise more than 15% of your company's sales? _____

9. Please estimate the amount of credit per month that your company is requesting from BPA.

   $ _____

10. Please provide as many of the following sources of credit information as possible. Clearly identify any confidential information.

    If the Applicant Company is a subsidiary or affiliate, financial information will be needed from the company that will be guaranteeing credit.

_____ Annual Report

_____ Business Plan

_____ Bank References

_____ Trade References

_____ 3 Years Audited Balance Sheets, Income Statements, and Statements of Cash Flow.

_____ Sample Letter of Corporate Guarantee by a parent or affiliated company, if applicable.

_____ Sample Letter of Credit, if applicable.

_____ Other documents that may be helpful to BPA for determining credit status (specify)

Please Mail to Melissa Rodrigues:

Melissa Rodrigues
Financial Analyst – CBC-7
Bonneville Power Administration
905 N.E. 11th Avenue
Portland, OR 97232

Phone: (503) 230-3831
E-mail: myrodrigues@bpa.gov

Revised June 30, 2021

NETTING AGREEMENT

This Netting Agreement is entered into pursuant to Section 28.2 of the current version of the WSPP Agreement, as shown on the WSPP website, www.wspp.org. Bonneville Power Administration (BPA) and «Customer Long Name» ("«Customer Short Name»") agree to net payments for transactions with each other arising under the following Enabling Agreement(s):

- Agreement to Enable Future Purchases, Sales, and Exchanges of Power and other Services

Netting will only occur to the extent that BPA and «Customer Short Name» have executed Enabling Agreement(s) and/or are active members of WSPP. Capitalized terms used herein and not otherwise defined herein shall have the meaning ascribed to such terms in the Enabling Agreement(s) named above. Netting shall be done in accordance with the following provision:

> If the Purchaser and Seller are each required to pay the other Party amounts on a payment due date under one or more transactions, then such amounts to be paid by each Party will be aggregated into a single amount and the Parties will discharge their respective aggregate obligations to pay such amounts to the other Party through netting the respective aggregate obligations of one against the other, in which case the Party owing the greater aggregate amount will be obligated to pay to the other Party the resulting difference on the payment due date as provided in Section 9.2 of the WSPP Agreement, unless the Parties have otherwise agreed to a different payment time for net amounts. Each Party reserves to itself all rights, set-offs, counterclaims, and other remedies and/or defenses to which it is or may be entitled, arising from or out of the Enabling Agreement(s) or otherwise. All outstanding payment obligations between the Parties, arising from transactions under the Enabling Agreement(s) (and including those payment obligations which are to be netted pursuant to this Netting Agreement) shall be subject to set off and/or recoupment.
>
> Either Party may render this Netting Agreement inapplicable to transactions entered into under the Enabling Agreement(s) by providing written notice thereof to the other Party. Any such notice of inapplicability shall become effective beginning on the thirtieth (30th) calendar day after the notice provided by a Party is received by the other Party (the "Inapplicability Date"); *provided, however,* that the inapplicability of this Netting Agreement shall apply only to transactions under the Enabling Agreement(s) entered

into on or after the Inapplicability Date. This Netting Agreement shall terminate when all transactions entered prior to the Inapplicability Date have been satisfied in full.

Nothing in this Netting Agreement shall require either Party to execute Exhibit A to the WSPP Agreement; nor shall either Party's obligations with respect to payments to or from other users of the WSPP Agreement be affected by such Party entering into this Netting Agreement.

This Netting Agreement shall become effective at 2400 hours on the date of execution (Effective Date). Each Party shall have the right to terminate this Netting Agreement upon 30 calendar days written notice to the other Party.

SIGNATURES

The Parties have executed this Netting Agreement as of the last date indicated below.

«CUSTOMER LONG NAME»		**BONNEVILLE POWER ADMINISTRATION**	
By	_____	By	_____
Name	_____ *(Print/Type)*	Name	_____ *(Print/Type)*
Title	_____	Title	Account Executive
Date	_____	Date	_____

Bonneville
POWER ADMINISTRATION

Department of Energy
Bonneville Power Administration
Power services
CONFIRMATION AGREEMENT

From:	Bonneville Power Administration PO Box 3621 Portland, OR 97208-3621	**To:** **Fax:**	
BPA Preschedule:	503-230-3813	**BPA Contract:**	
BPA Real Time:	503-230-3341	**Trade Date:**	04/01/2021

The following memorializes the terms of a transaction agreed to by Bonneville Power Administration (BPA) and ABC Company (ABD). Transactions hereunder are in accordance with agreement ##-#####.

Buyer:	ABC	**Seller:**	BPA
Trader:	John Doe	**Trader:**	Jonathan Doe
Phone:		**Phone:**	503-230-XXXX
Broker:	N/A	**Holiday:**	NERC
Product:	Energy	**Point of Delivery:**	Mid-C
Product Description:	WSPP Schedule C	**Deal Key:**	#####

Start Date	End Date	Demand Limit	Energy Price ($/MWh)	Hours	Amount (MWh/hr)	Total MWh	Revenue/Cost
05/01/2021	05/31/2021	50.0	$12.65	LLH	50.0	17,200	$217,580.00
						Transaction Total:	$217,580.00

All hours will be shown in Pacific Prevailing Time(PPT)
LLH is defined as Light Load Hours (Profile is HE1-6 and HE23-24 on non-NERC holidays Monday-Saturday, HE1-24 on Sundays or NERC holidays)

Scheduling Provisions

Pursuant to the WSPP, this transaction shall be prescheduled. The preschedule day is defined by the Western Electricity Coordinating Council's Preschedule Calendar. Energy shall be prescheduled, identifying source and sink, by 1100(PPT) on the preschedule day or as mutually agreed. Real Time modifications will not be allowed except by mutual agreement or due to an uncontrollable force.

Capitalized terms used but not defined herein shall have the meanings assigned to such terms in the Enabling Agreement or the WSPP Agreement, as applicable.

The confirmation agreement is intended to memorialize the terms of an existing oral agreement.

We are pleased to have this agreed upon transaction. Please confirm the terms by signing and returing an executed copy of this Confirmation via fax to BPA 503-230-7463 or email to PTCContractAdmin@bpa.gov.

AGREED AND ACCEPTED

Bonneville Power Administration		ABC
Signature:	(b)(6)	Signature:
	Alex Spain	
Title:	Trading Floor Manager	Title:
Date:	Apr 1, 2021 7:59 AM	Date:

From: Gilmore,Douglas R (BPA) - PSSE-MEAD-GOB
To: Moore,Lisa A (BPA) - PSSE-MEAD-GOB
Subject: FW: POPUD Exhibit A Boundary information
Date: Friday, March 12, 2021 11:13:37 AM
Attachments: POPUD Exhibit A Boundary adjustment 03.02.2021.xlsx
2020-21 Exhibit A Net Requirements.pdf
Possible Pend Orielle Net Requirements.xlsx

FYI

Doug
509-822-4596

From: Patton,Kathryn B (BPA) - PSS-SEATTLE <kbpatton@bpa.gov>
Sent: Wednesday, March 3, 2021 3:41 PM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB <sababaidhan@bpa.gov>; Gilmore,Douglas R (BPA) - PSSE-MEAD-GOB <drgilmore@bpa.gov>
Subject: FW: POPUD Exhibit A Boundary information

Good Afternoon,

I just wanted show you all some possible Net Requirement calculations depending on the size of a potential new load and the treatment of the load and its resources. See the third attachment for my calculations.

Let me know if you have any questions.

Kathryn Patton
Public Utility Specialist | Power Account Services
BONNEVILLE POWER ADMINISTRATION
bpa.gov | P 206-403-8034 |

From: April Owen <aowen@popud.org>
Sent: Tuesday, March 2, 2021 3:04 PM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>; Patton,Kathryn B (BPA) - PSS-SEATTLE <kbpatton@bpa.gov>; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB <sababaidhan@bpa.gov>
Cc: Colin Willenbrock <cwillenbrock@popud.org>; Tyler Whitney <TWhitney@popud.org>
Subject: [EXTERNAL] POPUD Exhibit A Boundary information

Mike,

I've attached our new Boundary amounts for the updated Exhibit A numbers. The total of 43.69 aMW is not much more than our Fiscal Year 2021 number of 42.718, but it is shaped differently.

The retail energy load for Fiscal Year 2021 of 33.681 is fairly close to our projections for the year (without any new industrial load), so that should be a good number to use in the net requirements calculation at this point.

Also, let me know what information you might need for Box Canyon generation amounts. I have hourly kWh info, which I can summarize if needed.

Thanks Mike. Let me know when you would like to get together to discuss.

Thanks,
April.

April Owen
Director, Audit, Finance & Power Supply

Public Utility District No. 1 of Pend Oreille County
P.O. Box 190 | 130 N. Washington Ave
Newport, WA 99156
509.447.9321 | www.pend.org

Pend Oreille PUD
Change in Boundary Dam Specified Resource
Exhibit A
A. Owen 3/2/2021

Pend Oreille PUD has Boundary Dam listed as a Specified Resource, the detail of which is listed in Exhibit A 2.1 (5). The contract for this resource previously based the am energy received on a weekly load factor, and although the average MW could vary week to week, while Pend Oreille had Ponderay Newsprint as an industrial customer 2 MW's received is fairly typical of the average MWs Pend Oreille received annually of Boundary Power:

2019 Actuals:	744	672	744	720	744	720	744	744	720	744	720	744
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Monthly MW	32,746	27,848	30,066	30,072	29,737	31,203	31,476	32,053	31,105	30,825	30,749	31,186
Average MW	44.01	41.44	40.41	41.77	39.97	43.34	42.31	43.08	43.20	41.43	42.71	41.92

In February 2021, Pend Oreille negotiated a 10 year Settlement Agreement for the Boundary contract that, among other things, eliminated the load factor calculation an a fixed shaped HL/LL block schedule. The average annual calculation is shown below. These are contracted amounts, and are not based on generation levels.

2021 New Schedule:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
HLH aMW	60	68	57	44	36	33	32	30	30	45	51	55
LLH aMW	55	66	57	43	33	30	27	26	28	45	46	51
HL hours	400	384	432	416	400	416	416	416	400	416	400	416
LL hours	344	288	311	304	344	304	328	328	320	328	321	328
Monthly MW	42,920	45,120	42,351	31,376	25,752	22,848	22,168	21,008	20,960	33,480	35,166	39,608
Average MW	57.69	67.14	56.92	43.58	34.61	31.73	29.80	28.24	29.11	45.00	48.84	53.24

ount of
019's actual

8760

Total
369,066
42.13

d established

Total
4,912
3,848
382,757
43.69

Revision No. 18, Exhibit A
NET REQUIREMENTS AND RESOURCES
Effective October 1, 2020

This revision updates the following for FY 2021: (1) sections 1.1 and 1.2 to add the forecast of Total Retail Load and Net Requirements; (2) sections 2.1(1)(C) Box Canyon Dam and 2.1(5)(C) Boundary Dam and sections 4(1)(C) Box Canyon Dam and 4(2)(C) Boundary Dam to revise the Dedicated Resource Amounts to serve the NLSL; (3) section 5 to revise the Total Dedicated Resource Amounts; and, (4) section 6(2)(C) to revise Box Canyon Dam.

1. NET REQUIREMENTS

Pend Oreille's Net Requirement equals its Total Retail Load minus Pend Oreille's Dedicated Resources determined pursuant to section 3.3 of the body of this Agreement and listed in sections 2, 3, and 4 of this exhibit. The Parties shall not add or remove resource amounts to change Pend Oreille's purchase obligations from BPA under section 3.1 of the body of this Agreement except in accordance with sections 3.5 and 10 of the body of this Agreement.

BPA shall annually calculate a forecast of Pend Oreille's Net Requirement for the upcoming Fiscal Year as follows:

1.1 Forecast of Total Retail Load

By September 15, 2011, and by each September 15 thereafter, BPA shall fill in the table below with Pend Oreille's Total Retail Load forecast (submitted pursuant to section 17.6 of the body of this Agreement) for the upcoming Fiscal Year. BPA shall notify Pend Oreille by July 31 immediately preceding the start of the Fiscal Year if BPA determines Pend Oreille's submitted forecast is reasonable or not reasonable. If BPA determines Pend Oreille's submitted forecast is not reasonable, then BPA shall fill in the table below with a forecast BPA determines to be reasonable by September 15 immediately preceding the start of the Fiscal Year.

Pend Oreille may submit to arbitration, which may be binding arbitration under a separate agreement or nonbinding arbitration as agreed to by the Parties, pursuant to section 22 of the body of the Agreement, the issue of the reasonableness of BPA's forecast of Pend Oreille's Total Retail Load used by BPA to fill in the table below. Such arbitration shall not include issues of the interpretation or application of BPA's policies with respect to such forecast, including without limitation BPA's 5(b)/9(c) Policy.

Annual Forecast of Monthly Total Retail Load													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Energy (MWh)	78,924	81,725	88,529	93,052	91,969	92,451	87,869	86,646	80,784	79,764	77,599	74,988	115.471
Peak (MW)	131.6	141.6	148.5	159.3	169.4	158.4	157.7	151.7	139.5	128.6	124.7	130.0	N/A
Fiscal Year 2013													
Energy (MWh)	83,651	88,648	95,569	95,245	85,494	88,918	80,683	82,205	78,946	79,725	80,117	74,427	115.711
Peak (MW)	137.3	152.0	157.4	164.7	155.0	146.1	139.3	138.5	129.3	127.9	127.3	132.5	N/A

Annual Forecast of Monthly Total Retail Load													
	Oct	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**annual aMW**
Fiscal Year 2014													
Energy (MWh)	85,024	90,369	98,143	97,417	84,978	88,756	80,781	80,934	77,527	78,932	79,047	73,622	115.928
Peak (MW)	132.4	146.4	152.5	158.8	145.0	138.2	131.9	129.3	120.2	123.1	118.2	123.1	N/A
Fiscal Year 2015													
Energy (MWh)	77,772	83,247	90,828	98,101	85,846	90,103	82,519	83,145	80,064	81,540	81,657	75,188	115.298
Peak (MW)	132.1	146.2	152.3	158.8	145.4	139.2	133.5	131.6	123.3	122.0	121.2	126.2	N/A
Fiscal Year 2016													
Energy (MWh)	63,991	69,910	77,036	76,360	68,100	67,758	60,464	59,915	57,164	73,290	70,727	66,394	92.339
Peak (MW)	136.3	149.6	155.8	162.7	148.9	142.0	135.6	133.1	124.0	122.7	122.0	127.0	N/A
Fiscal Year 2017													
Energy (MWh)	62,569	66,421	74,811	74,517	65,730	67,518	61,396	58,282	54,311	56,497	55,926	55,381	86.000
Peak (MW)	110.5	116.9	134.4	137.8	123.4	119.1	112.5	116.5	93.3	88.9	89.0	95.2	N/A
Fiscal Year 2018													
Energy (MWh)	81,737	87,616	96,272	94,088	83,001	85,904	77,395	78,959	73,636	76,487	75,614	72,870	112.281
Peak (MW)	138.4	153.1	161.5	165.9	152.1	145.6	139.8	136.6	124.8	125.5	120.9	128.6	N/A
Fiscal Year 2019													
Energy (MWh)	81,902	87,782	96,438	94,253	83,167	86,070	77,561	79,125	73,802	76,652	75,779	73,036	112.508
Peak (MW)	138.7	153.4	161.8	166.2	152.4	145.9	140.1	136.9	125.1	125.7	121.2	128.9	N/A
Fiscal Year 2020													
Energy (MWh)	82,068	87,948	96,604	90,310	82,213	82,151	73,891	75,114	70,019	72,696	71,866	69,335	108.631
Peak (MW)	139.0	153.7	162.0	160.1	146.3	139.7	134.0	130.7	119.0	119.6	115.1	122.8	N/A
Fiscal Year 2021													
Energy (MWh)	22,007	30,027	36,974	35,644	29,445	27,814	23,006	19,305	17,393	17,891	17,605	17,936	33.681
Peak (MW)	47.2	64.3	71.6	74.7	65.0	58.1	50.1	46.3	33.9	36.1	31.0	38.1	N/A
Fiscal Year 2022													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2023													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2024													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2025													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2026													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2027													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2028													
Energy (MWh)													
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

1.2 Forecast of Net Requirements

By September 15, 2011, and by each September 15 thereafter, BPA shall calculate, and fill in the table below with, Pend Oreille's Net Requirement

forecast for the upcoming Fiscal Year by month. Pend Oreille's Net Requirement forecast equals Pend Oreille's Total Retail Load forecast, shown in section 1.1 above, minus Pend Oreille's Dedicated Resource amounts, shown in section 5 below. In no event shall Pend Oreille's planned Firm Requirements Power purchased for a Fiscal Year under this Agreement exceed Pend Oreille's Net Requirement forecast for the Fiscal Year.

On a planning basis Pend Oreille shall serve that portion of its Total Retail Load that is not served with Firm Requirements Power with Pend Oreille's Dedicated Resources.

Annual Forecast of Monthly Net Requirements													
	Oct	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**annual aMW**
Fiscal Year 2012													
Energy (MWh)	6,704	29,510	24,293	39,688	45,389	43,277	13,727	1,661	1,926	13,120	12,186	18,686	28.479
Peak (MW)													
Fiscal Year 2013													
Energy (MWh)	10,203	35,243	30,116	41,696	40,353	39,559	6,362	-2,965	-91	14,124	15,747	19,135	28.480
Peak (MW)													
Fiscal Year 2014													
Energy (MWh)	12,186	37,556	33,289	43,435	39,446	38,965	6,041	-4,669	-1,929	12,898	14,244	17,911	28.467
Peak (MW)													
Fiscal Year 2015													
Energy (MWh)	2,628	28,199	23,668	42,608	38,949	38,803	6,317	-2,458	608	13,995	15,343	18,015	25.876
Peak (MW)													
Fiscal Year 2016													
Energy (MWh)	-8,847	17,097	12,182	22,378	20,942	17,967	-14,276	-25,688	-22,292	7,256	5,924	10,683	4.932
Peak (MW)													
Fiscal Year 2017													
Energy (MWh)	-5,780	15,888	13,584	22,943	22,000	19,647	-8,344	-21,201	-19,586	-5,717	-5,268	2,240	3.471
Peak (MW)													
Fiscal Year 2018													
Energy (MWh)	8,822	34,729	31,341	40,106	37,469	36,113	2,655	-6,644	-5,820	10,453	10,811	17,159	24.794
Peak (MW)													
Fiscal Year 2019													
Energy (MWh)	9,064	34,969	31,584	40,271	37,635	36,279	2,821	-6,478	-5,654	10,618	10,976	17,325	25.047
Peak (MW)													
Fiscal Year 2020													
Energy (MWh)	9,230	35,135	31,750	36,328	35,055	32,360	-849	-10,489	-9,437	6,662	7,063	13,624	21.224
Peak (MW)													
Fiscal Year 2021													
Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Peak (MW)													
Fiscal Year 2022													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2023													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2024													
Energy (MWh)													
Peak (MW)													

Annual Forecast of Monthly Net Requirements													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2025													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2026													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2027													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2028													
Energy (MWh)													
Peak (MW)													
Note: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

2. LIST OF SPECIFIED RESOURCES

2.1 Generating Resources

All of Pend Oreille's Generating Resources that are Specified Resources are listed below.

(1) Box Canyon Dam

(A) Special Provisions

See the special provisions in section 4 of this exhibit for Box Canyon Dam and Boundary Dam regarding annual updates to the Dedicated Resource amounts for Net Requirements purposes.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1956	N/A	61.89%	77.2

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**annual aMW**
Fiscal Year 2012													
Total (MWh)	23,942	4,584	18,376	5,934	2,965	6,521	26,692	34,916	29,465	15,790	13,806	9,449	21.908
HLH (MWh)	15,399	2,100	11,479	3,885	2,316	3,975	17,533	22,754	19,937	10,472	9,445	5,043	25.313
LLH (MWh)	8,543	2,484	6,897	2,049	649	2546	9,159	12,162	9,528	5,318	4,361	4,406	17.588
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	21,928	3,306	14,430	3,948	427	729	26,701	33,422	28,381	15,024	13,460	9,278	19.524
HLH (MWh)	14,618	2,296	9,250	2,679	322	532	17,838	23,231	18,228	10,063	9,367	5,983	23.291
LLH (MWh)	7,310	1,010	5,180	1,269	105	197	8,863	10,191	10,153	4,961	4,093	3,295	14.715
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	21,177	2,564	13,684	3,640	147	432	26,422	33,103	28,056	14,710	13,137	9,013	18.959
HLH (MWh)	14,118	1,781	8,772	2,427	98	288	17,614	22,952	17,984	9,807	8,758	6,009	22.518
LLH (MWh)	7,059	783	4,912	1,213	49	144	8,808	10,151	10,072	4,903	4,379	3,004	14.417
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	21,177	2,564	13,684	3,640	147	432	26,422	33,103	28,056	14,710	13,137	9,013	18.959
HLH (MWh)	14,118	1,709	9,123	2,427	98	288	17,614	22,069	18,704	9,807	8,758	6,009	22.542
LLH (MWh)	7,059	855	4,561	1,213	49	144	8,808	11,034	9,352	4,903	4,379	3,004	14.387
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	39,517	20,989	32,096	22,790	17,540	16,643	42,428	52,479	46,468	20,113	23,488	11,232	39.365
HLH (MWh)	26,344	13,993	21,398	14,609	11,762	11,521	28,285	34,986	30,978	12,894	16,261	7,488	46.777
LLH (MWh)	13,173	6,996	10,698	8,181	5,778	5,122	14,143	17,493	15,490	7,219	7,227	3,744	29.892
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	31,945	16,228	25,813	17,137	12,827	13,661	35,586	43,557	39,563	27,182	25,682	18,288	35.099
HLH (MWh)	20,507	11,270	17,209	10,985	8,552	9,457	22,811	30,200	26,375	17,425	17,780	12,192	41.686
LLH (MWh)	11,438	4,958	8,604	6,152	4,275	4,204	12,775	13,357	13,188	9,757	7,902	6,096	26.691
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	25,015	7,366	17,732	8,272	3,666	4,272	30,903	37,036	34,131	19,090	18,542	11,957	24.884
HLH (MWh)	16,058	5,116	11,367	5,514	2,444	2,958	19,809	25,678	22,753	12,237	12,836	7,652	29.498
LLH (MWh)	8,957	2,250	6,365	2,758	1,222	1,314	11,094	11,358	11,378	6,853	5,706	4,305	19.037
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	21,882	5,689	14,600	6,613	4,093	3,994	27,872	33,904	31,099	15,957	15,410	8,926	21.694
HLH (MWh)	16,139	5,689	11,130	6,613	4,093	3,994	21,148	27,781	23,379	13,638	11,072	5,596	30.593
LLH (MWh)	5,743	0	3,470	0	0	0	6,724	6,123	7,720	2,319	4,338	3,330	10.334
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	25,015	7,366	17,732	9,655	5,115	5,657	32,204	38,460	35,472	20,492	19,930	13,279	26.227
HLH (MWh)	16,301	4,731	11,020	6,258	3,376	3,658	21,348	24,829	23,522	13,352	12,835	8,347	30.352
LLH (MWh)	8,714	2,635	6,712	3,397	1,739	1,999	10,856	13,631	11,950	7,140	7,095	4,932	20.954
Peak (MW)													

Specified Resource Amounts													
	Oct	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**annual aMW**
Fiscal Year 2021													
Total (MWh)	17,117	8,695	13,831	9,182	6,873	7,320	19,068	23,339	21,199	14,565	13,761	9,799	18.807
HLH (MWh)	11,411	5,797	9,221	5,886	4,582	5,067	12,712	15,559	14,133	9,710	9,174	6,533	22.350
LLH (MWh)	5,706	2,898	4,610	3,296	2,291	2,253	6,356	7,780	7,066	4,855	4,587	3,266	14.284
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	26,344	8,536	18,509	8,158	4,344	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.288
HLH (MWh)	16,742	4,293	11,553	5,081	3,070	2,622	19,895	23,693	22,616	12,528	12,214	6,277	28.621
LLH (MWh)	9,602	4,243	6,956	3,077	1,274	1,572	9,671	14,597	11,486	7,087	6,361	5,016	21.035
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	26,344	8,536	18,509	8,158	4,344	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.288
HLH (MWh)	16,742	4,293	11,553	5,081	3,070	2,622	19,130	24,641	22,616	12,528	12,214	6,277	28.658
LLH (MWh)	9,602	4,243	6,956	3,077	1,274	1,572	10,436	13,649	11,486	7,087	6,361	5,016	20.987
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	26,344	8,536	18,509	8,158	4,499	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.237
HLH (MWh)	16,742	4,293	11,109	5,284	3,198	2,525	19,895	24,641	21,746	13,029	12,214	6,026	28.645
LLH (MWh)	9,602	4,243	7,400	2,874	1,301	1,669	9,671	13,649	12,356	6,586	6,361	5,267	20.914
Peak (MW)													
Fiscal Year 2025													
Total (MWh)	26,344	8,536	18,509	8,158	4,344	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.288
HLH (MWh)	17,386	4,293	11,109	5,284	3,070	2,525	19,895	24,641	21,746	13,029	11,762	6,277	28.709
LLH (MWh)	8,958	4,243	7,400	2,874	1,274	1,669	9,671	13,649	12,356	6,586	6,813	5,016	20.922
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	26,344	8,536	18,509	8,158	4,344	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.288
HLH (MWh)	17,386	4,121	11,553	5,284	3,070	2,525	19,895	23,693	22,616	13,029	11,762	6,277	28.748
LLH (MWh)	8,958	4,415	6,956	2,874	1,274	1,669	9,671	14,597	11,486	6,586	6,813	5,016	20.872
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	26,344	8,536	18,509	8,158	4,344	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.288
HLH (MWh)	17,386	4,121	11,553	5,081	3,070	2,622	19,895	23,693	22,616	13,029	11,762	6,277	28.727
LLH (MWh)	8,958	4,415	6,956	3,077	1,274	1,572	9,671	14,597	11,486	6,586	6,813	5,016	20.899
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	26,344	8,536	18,509	8,158	4,499	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.237
HLH (MWh)	16,742	4,293	11,553	5,081	3,198	2,622	19,130	24,641	22,616	12,528	12,214	6,277	28.591
LLH (MWh)	9,602	4,243	6,956	3,077	1,301	1,572	10,436	13,649	11,486	7,087	6,361	5,016	20.951
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(2) Boundary Encroachment on Box Canyon Dam

(A) Special Provisions

None.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
N/A	1979	N/A	100%	N/A

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X					X		X		
Note: Fill in the table above with "X"s.											

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,664	1,200	1,539	1,200	1,080	1,123	1,620	2,038	1,789	1,520	1,574	1,229	3.578
LLH (MWh)	1,312	963	1,214	1,032	799	809	1,296	1,608	1,307	1,307	1,136	1,075	3.579
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,200	1,480	1,248	1,037	1,082	1,685	2,038	1,720	1,581	1,574	1,229	3.583
LLH (MWh)	1,248	963	1,273	984	777	850	1,231	1,608	1,376	1,246	1,136	1,075	3.578
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,200	1,480	1,248	1,037	1,082	1,685	2,038	1,720	1,581	1,515	1,280	3.582
LLH (MWh)	1,248	963	1,273	984	777	850	1,231	1,608	1,376	1,246	1,195	1,024	3.580
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,152	1,539	1,248	1,037	1,082	1,685	1,960	1,789	1,581	1,515	1,280	3.582
LLH (MWh)	1,248	1,011	1,214	984	777	850	1,231	1,686	1,307	1,246	1,195	1,024	3.579
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,728	1,152	1,539	1,200	1,080	1,123	1,685	1,960	1,789	1,520	1,574	1,280	3.578
LLH (MWh)	1,248	1,011	1,214	1,032	799	809	1,231	1,686	1,307	1,307	1,136	1,024	3.580
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,664	1,200	1,539	1,200	1,037	1,123	1,620	2,038	1,789	1,520	1,574	1,280	3.580
LLH (MWh)	1,312	963	1,214	1,032	777	809	1,296	1,608	1,307	1,307	1,136	1,024	3.582
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2018													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,664	1,200	1,480	1,248	1,037	1,123	1,620	2,038	1,789	1,520	1,574	1,229	3.579
LLH (MWh)	1,312	963	1,273	984	777	809	1,296	1,608	1,307	1,307	1,136	1,075	3.584
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,200	1,480	1,248	1,037	1,082	1,685	2,038	1,720	1,581	1,574	1,229	3.583
LLH (MWh)	1,248	963	1,273	984	777	850	1,231	1,608	1,376	1,246	1,136	1,075	3.578
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,728	1,200	1,480	1,248	1,080	1,082	1,685	1,960	1,789	1,581	1,515	1,280	3.577
LLH (MWh)	1,248	963	1,273	984	799	850	1,231	1,686	1,307	1,246	1,195	1,024	3.580
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,152	1,539	1,200	1,037	1,123	1,685	1,960	1,789	1,581	1,515	1,280	3.581
LLH (MWh)	1,248	1,011	1,214	1,032	777	809	1,231	1,686	1,307	1,246	1,195	1,024	3.581
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,664	1,200	1,539	1,200	1,037	1,123	1,685	1,960	1,789	1,520	1,574	1,280	3.577
LLH (MWh)	1,312	963	1,214	1,032	777	809	1,231	1,686	1,307	1,307	1,136	1,024	3.586
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,664	1,200	1,539	1,200	1,037	1,123	1,620	2,038	1,789	1,520	1,574	1,280	3.580
LLH (MWh)	1,312	963	1,214	1,032	777	809	1,296	1,608	1,307	1,307	1,136	1,024	3.582
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,664	1,200	1,480	1,248	1,080	1,082	1,685	2,038	1,720	1,581	1,574	1,229	3.579
LLH (MWh)	1,312	963	1,273	984	799	850	1,231	1,608	1,376	1,246	1,136	1,075	3.578
Peak (MW)													
Fiscal Year 2025													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,200	1,480	1,248	1,037	1,082	1,685	2,038	1,720	1,581	1,515	1,280	3.582
LLH (MWh)	1,248	963	1,273	984	777	850	1,231	1,608	1,376	1,246	1,195	1,024	3.580
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,152	1,539	1,248	1,037	1,082	1,685	1,960	1,789	1,581	1,515	1,280	3.582
LLH (MWh)	1,248	1,011	1,214	984	777	850	1,231	1,686	1,307	1,246	1,195	1,024	3.579
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,152	1,539	1,200	1,037	1,123	1,685	1,960	1,789	1,581	1,515	1,280	3.581
LLH (MWh)	1,248	1,011	1,214	1,032	777	809	1,231	1,686	1,307	1,246	1,195	1,024	3.581
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2028													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,664	1,200	1,539	1,200	1,080	1,123	1,620	2,038	1,789	1,520	1,574	1,280	3.577
LLH (MWh)	1,312	963	1,214	1,032	799	809	1,296	1,608	1,307	1,307	1,136	1,024	3.581
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(3) Calispell Creek

(A) Special Provisions

None.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1976	N/A	100%	1.0

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X					X		N		
Note: Fill in the table above with "X"s.											

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	120	173	160	166	166	120	86	77	0.300
LLH (MWh)	66	64	98	103	89	124	128	132	122	103	63	67	0.299
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	115	166	166	166	160	125	86	77	0.300
LLH (MWh)	63	64	103	98	87	131	122	132	128	98	63	67	0.300
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	115	166	166	166	160	125	83	80	0.300
LLH (MWh)	63	64	103	98	87	131	122	132	128	98	66	64	0.300
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2015													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	125	115	166	166	160	166	125	83	80	0.300
LLH (MWh)	63	67	98	98	87	131	122	138	122	98	66	64	0.300
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	120	120	173	166	160	166	120	86	80	0.300
LLH (MWh)	63	67	98	103	89	124	122	138	122	103	63	64	0.300
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	115	173	160	166	166	120	86	80	0.300
LLH (MWh)	66	64	98	103	87	124	128	132	122	103	63	64	0.300
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	120	125	115	173	160	166	166	120	86	77	0.300
LLH (MWh)	66	64	103	98	87	124	128	132	122	103	63	67	0.299
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	115	166	166	166	160	125	86	77	0.300
LLH (MWh)	62	64	103	98	86	131	122	131	128	98	62	67	0.299
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	120	166	166	160	166	125	83	80	0.300
LLH (MWh)	63	64	103	98	89	131	122	138	122	98	66	64	0.300
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	120	115	173	166	160	166	125	83	80	0.300
LLH (MWh)	63	67	98	103	87	124	122	138	122	98	66	64	0.299
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	115	173	166	160	166	120	86	80	0.300
LLH (MWh)	66	64	98	103	87	124	122	138	122	103	63	64	0.300
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	115	173	160	166	166	120	86	80	0.300
LLH (MWh)	66	64	98	103	87	124	128	132	122	103	63	64	0.300
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	120	125	120	166	166	166	160	125	86	77	0.300
LLH (MWh)	66	64	103	98	89	131	122	132	128	98	63	67	0.300
Peak (MW)													

Specified Resource Amounts													
	Oct	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**annual aMW**
Fiscal Year 2025													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	115	166	166	166	160	125	83	80	0.300
LLH (MWh)	63	64	103	98	87	131	122	132	128	98	66	64	0.300
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	125	115	166	166	160	166	125	83	80	0.300
LLH (MWh)	63	67	98	98	87	131	122	138	122	98	66	64	0.300
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	120	115	173	166	160	166	125	83	80	0.300
LLH (MWh)	63	67	98	103	87	124	122	138	122	98	66	64	0.299
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	120	173	160	166	166	120	86	80	0.300
LLH (MWh)	66	64	98	103	89	124	128	132	122	103	63	64	0.300
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(4) **Kalispel Settlement for Box Canyon**

(A) **Special Provisions**

See Special Provision in section 6(1)(A). For Fiscal Year 2012 through Fiscal Year 2018 when the Kalispel Tribe of Indians (Kalispel Tribe) elected Option 3 to sell its 0.83 aMW share of Box Canyon Dam to Pend Oreille for the upcoming calendar year, BPA removed the amounts listed in section 6(1)(C) of this exhibit, for the applicable period, and listed them in section 2.1(4)(C) below.

For Fiscal Year 2019 through Fiscal Year 2028, for ease of contract administration, BPA will show the Kalispel Tribe's 0.83 aMW amount of Box Canyon Dam in section 2.1(4)(C) as if the Kalispel Tribe's default election is Option 3, to sell its share to Pend Oreille. If the Kalispel Tribe elects Option 1 or Option 2 then BPA shall revise section 2.1(4)(C) and section 6(1)(C) for the applicable period.

BPA shall update Pend Oreille's Annual Net Requirements as described in section 1.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1956	N/A	Calendar Year 2.03% when applied to load	77.2

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	0	0	0	0	0	0	0	0	0	1228	1228	1189	0.415
HLH (MWh)	0	0	0	0	0	0	0	0	0	660	713	634	0.409
LLH (MWh)	0	0	0	0	0	0	0	0	0	568	515	555	0.423
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	1,228	1,190	1,217	618	558	617	598	618	598	618	618	598	1.036
HLH (MWh)	713	660	660	345	319	345	345	345	332	345	359	319	1.036
LLH (MWh)	515	530	557	272	239	271	252	272	266	272	259	279	1.035
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	332	332	345	319	345	345	345	332	345	345	332	0.830
LLH (MWh)	259	266	286	272	239	271	252	272	266	272	272	266	0.830
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	345	319	345	345	332	345	345	345	332	0.830
LLH (MWh)	259	280	272	272	239	271	252	286	252	272	272	266	0.830
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	618	598	618	618	578	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	332	332	359	345	332	345	332	359	332	0.830
LLH (MWh)	259	280	272	286	246	258	252	286	252	286	259	266	0.830
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	345	345	319	345	345	332	345	345	345	332	0.830
LLH (MWh)	272	266	272	273	239	272	253	286	253	273	273	266	0.831
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	346	332	332	345	319	359	332	345	345	332	359	319	0.830
LLH (MWh)	272	266	286	272	239	258	266	272	252	286	259	279	0.830
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2019													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	332	332	345	319	345	345	345	332	345	359	319	0.830
LLH (MWh)	259	266	286	273	239	272	253	273	266	273	259	279	0.831
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	618	598	618	618	578	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	332	332	345	332	345	345	332	345	345	345	332	0.830
LLH (MWh)	259	266	286	273	246	272	253	286	253	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2021													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	332	319	359	345	332	345	345	345	332	0.830
LLH (MWh)	259	279	273	286	239	258	253	286	253	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2022													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	345	332	319	359	345	332	345	332	359	332	0.830
LLH (MWh)	273	266	273	286	239	258	253	286	253	286	259	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2023													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	345	332	319	359	332	345	345	332	359	332	0.830
LLH (MWh)	273	266	273	286	239	258	266	273	253	286	259	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2024													
Total (MWh)	618	598	618	618	578	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	332	345	332	345	345	345	332	345	359	319	0.830
LLH (MWh)	273	266	286	273	246	272	253	273	266	273	259	279	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2025													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	332	332	345	319	345	345	345	332	345	345	332	0.830
LLH (MWh)	259	266	286	273	239	272	253	273	266	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2026													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	345	319	345	345	332	345	345	345	332	0.830
LLH (MWh)	259	279	273	273	239	272	253	286	253	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2027													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	332	319	359	345	332	345	345	345	332	0.830
LLH (MWh)	259	279	273	286	239	258	253	286	253	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2028													
Total (MWh)	618	598	618	618	578	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	345	332	332	359	332	345	345	332	359	332	0.830
LLH (MWh)	273	266	273	286	246	258	266	273	253	286	259	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(5) Boundary Dam

(A) Special Provisions

See the special provisions in section 4 of this exhibit for Box Canyon Dam and Boundary Dam regarding annual updates to the Dedicated Resource amounts for Net Requirements purposes.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1979	N/A	4.615%	1070.0

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2015													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	1,905	2,288	1,412	1,310	563	1,693	1,211	1,646	1,487	1,104	1,946	2,077	2.128
HLH (MWh)	1,165	1,399	886	802	366	1,119	766	1,048	978	676	1,260	1,254	2.386
LLH (MWh)	740	889	526	508	197	574	445	598	509	428	686	823	1.800
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	18,432	19,968	19,200	18,432	20,736	19,968	19,200	19,968	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	12,164	9,897	10,628	10,384	12,164	10,384	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2025													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

2.2 Contract Resources

Pend Oreille does not have any Contract Resources that are Specified Resources at this time.

3. UNSPECIFIED RESOURCE AMOUNTS

3.1 Unspecified Resource Amounts Used to Serve Total Retail Load

Pend Oreille's Unspecified Resource Amounts are listed in the table below.

Unspecified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2015													
Total (MWh)	2,306	2,235	2,306	1,511	1,365	1,509	1,462	0	0	1,511	1,511	1,462	1.961
HLH (MWh)	1,339	1,190	1,290	845	780	845	845	0	0	845	845	812	1.962
LLH (MWh)	967	1,045	1,016	666	585	664	617	0	0	666	666	650	1.960
Fiscal Year 2016													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fiscal Year 2017													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0

Unspecified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2018													
Total (MWh)	77	74	77	0	0	0	0	0	0	0	0	0	0.026
HLH (MWh)	43	41	41	0	0	0	0	0	0	0	0	0	0.026
LLH (MWh)	34	33	36	0	0	0	0	0	0	0	0	0	0.027
Note: Fill in the table above with megawatt-hours rounded to whole megawatt-hours and with annual Average Megawatts rounded to three decimal places.													

3.2 **Unspecified Resource Amounts for 9(c) Export Decrements**
BPA shall insert a table below pursuant to section 3.5.3 of the body of this Agreement.

4. DEDICATED RESOURCE AMOUNTS FOR AN NLSL

All of Pend Oreille's Dedicated Resource amounts serving an NLSL, in accordance with section 3.5.7 of the body of this Agreement, are listed below.

(1) Box Canyon Dam

(A) Special Provisions

The sum of the Dedicated Resources in section 4 of this exhibit are revised, by September 15th of each year for the upcoming Fiscal Year, to equal Pend Oreille's NLSL forecast for the upcoming Fiscal Year. If the sum of the Dedicated Resource amounts in section 4 of this exhibit is less than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in section 2 and included in this section. If the sum of the Dedicated Resource amounts in section 4 is greater than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in this section and included in section 2. The amounts are adjusted between the two sections each year; however, the sum of the resources is not subject to change except in accordance with section 3.5 of the body of the Agreement. Additionally, Box Canyon Dam is adjusted before adjustments to Boundary Dam.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1956	N/A	36.08%	77.2

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	12,492	13,924	11,064	13,611	12,186	9,060	13,894	14,761	15,657	15,212	15,485	11,409	18.073
HLH (MWh)	7,990	10,753	8,148	8,644	7,844	6,811	8,483	11,689	10,144	9,402	10,833	8,306	22.200
LLH (MWh)	4,502	3,171	2,916	4,967	4,342	2,249	5,411	3,072	5,513	5,810	4,652	3,103	12.838
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	14,506	15,202	15,010	15,164	13,811	14,420	13,466	15,822	16,322	15,545	15,398	11,161	20.072
HLH (MWh)	9,671	10,557	9,622	10,109	9,208	9,613	8,977	10,970	10,463	10,363	10,660	7,143	23.892
LLH (MWh)	4,835	4,645	5,388	5,055	4,603	4,807	4,489	4,852	5,859	5,182	4,738	4,018	15.195
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	15,257	15,944	15,756	15,905	14,482	15,149	14,164	16,574	17,066	16,292	16,154	11,845	21.072
HLH (MWh)	10,171	11,072	10,100	10,603	9,655	10,099	9,443	11,491	10,940	10,861	10,769	7,896	25.061
LLH (MWh)	5,086	4,872	5,656	5,302	4,827	5,050	4,721	5,083	6,126	5,431	5,385	3,949	15.979
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	15,257	15,944	15,756	15,905	14,482	15,149	14,164	16,574	17,066	16,292	16,154	11,845	21.072
HLH (MWh)	10,171	10,630	10,504	10,603	9,655	10,099	9,443	11,049	11,377	10,861	10,769	7,896	25.052
LLH (MWh)	5,086	5,314	5,252	5,302	4,827	5,050	4,721	5,525	5,689	5,431	5,385	3,949	15.990
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	-3,083	-2,481	-2,656	-3,245	-2,389	-1,062	-1,842	-2,802	-1,346	10,889	5,803	9,626	0.616
HLH (MWh)	-2,055	-1,654	-1,771	-2,080	-1,602	-735	-1,228	-1,868	-897	6,980	4,017	6,417	0.715
LLH (MWh)	-1,028	-827	-885	-1,165	-787	-327	-614	-934	-449	3,909	1,786	3,209	0.49
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	11,419	11,142	11,708	11,273	10,963	11,309	9,683	12,641	10,991	11,912	10,749	8,901	15.147
HLH (MWh)	7,331	7,737	7,505	7,516	7,309	7,828	6,207	8,765	7,328	7,637	7,442	5,697	18.036
LLH (MWh)	4,088	3,405	4,203	3,757	3,654	3,481	3,476	3,876	3,663	4,275	3,307	3,204	11.488
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	14,552	12,781	14,840	12,932	10,536	11,587	12,714	15,773	14,023	15,045	13,881	11,932	18.333
HLH (MWh)	8,150	7,164	7,742	6,417	5,660	6,393	5,909	6,662	5,545	7,030	9,206	7,753	17.026
LLH (MWh)	6,402	5,617	7,098	6,515	4,876	5,194	6,805	9,111	8,478	8,015	4,675	4,179	20.001
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	11,419	11,142	11,708	9,890	10,036	9,924	8,382	11,217	9,650	10,510	9,361	7,579	13.754
HLH (MWh)	7,988	8,122	7,852	6,772	6,784	6,729	5,709	8,289	6,559	7,316	6,692	5,558	17.121
LLH (MWh)	3,431	3,020	3,856	3,118	3,252	3,195	2,673	2,928	3,091	3,194	2,669	2,021	9.452
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2021													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	10,090	9,972	10,931	11,387	10,285	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.743
HLH (MWh)	6,647	8,560	8,074	7,448	6,683	8,164	7,162	9,425	7,465	7,346	8,064	7,628	18.865
LLH (MWh)	3,443	1,412	2,857	3,939	3,602	3,223	3,858	1,962	3,555	4,041	2,652	1,937	9.481
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	10,090	9,972	10,931	11,387	10,285	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.743
HLH (MWh)	6,647	8,560	8,074	7,448	6,683	8,164	6,886	9,802	7,465	7,346	8,064	7,628	18.886
LLH (MWh)	3,443	1,412	2,857	3,939	3,602	3,223	4,134	1,585	3,555	4,041	2,652	1,937	9.454
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	10,090	9,972	10,931	11,387	10,652	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.744
HLH (MWh)	6,647	8,560	7,763	7,746	6,962	7,862	7,162	9,802	7,178	7,639	8,064	7,323	18.874
LLH (MWh)	3,443	1,412	3,168	3,641	3,690	3,525	3,858	1,585	3,842	3,748	2,652	2,242	9.506
Peak (MW)													
Fiscal Year 2025													
Total (MWh)	10,090	9,972	10,931	11,387	10,285	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.743
HLH (MWh)	6,903	8,560	7,763	7,746	6,683	7,862	7,162	9,802	7,178	7,639	7,765	7,628	18.870
LLH (MWh)	3,187	1,412	3,168	3,641	3,602	3,525	3,858	1,585	3,842	3,748	2,951	1,937	9.474
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	10,090	9,972	10,931	11,387	10,285	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.743
HLH (MWh)	6,903	8,218	8,074	7,746	6,683	7,862	7,162	9,425	7,465	7,639	7,765	7,628	18.846
LLH (MWh)	3,187	1,754	2,857	3,641	3,602	3,525	3,858	1,962	3,555	3,748	2,951	1,937	9.505
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	10,090	9,972	10,931	11,387	10,285	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.743
HLH (MWh)	6,903	8,218	8,074	7,448	6,683	8,164	7,162	9,425	7,465	7,639	7,765	7,628	18.846
LLH (MWh)	3,187	1,754	2,857	3,939	3,602	3,223	3,858	1,962	3,555	3,748	2,951	1,937	9.504
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	10,090	9,972	10,931	11,387	10,652	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.744
HLH (MWh)	6,647	8,560	8,074	7,448	6,962	8,164	6,886	9,802	7,465	7,346	8,064	7,628	18.881
LLH (MWh)	3,443	1,412	2,857	3,939	3,690	3,223	4,134	1,585	3,555	4,041	2,652	1,937	9.457
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(2) **Boundary Dam**

(A) **Special Provisions**

The sum of the Dedicated Resources in section 4 of this exhibit are revised, by September 15th of each year for the upcoming Fiscal Year, to equal Pend Oreille's NLSL forecast for the upcoming Fiscal Year. If the sum of the Dedicated Resource amounts in section 4 of this exhibit

is less than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in section 2 and included in this section. If the sum of the Dedicated Resource amounts in section 4 is greater than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in this section and included in section 2. The amounts are adjusted between the two sections each year; however, the sum of the resources is not subject to change except in accordance with section 3.5 of the body of the Agreement. Additionally, Box Canyon Dam is adjusted before adjustments to Boundary Dam.

(B) Resource Profile

Fuel Type		Date Resource Dedicated to Load		Date of Resource Removal		Percent of Resource Used to Serve Load				Nameplate Capability (MW)	
Hydro		1979		N/A		4.615%				1070.0	
Statutory Status		**Resource Status**		**DFS or SCS?**		**Dispatchable?**		**PNCA?**		**If PNCA, PNCA Updates?**	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**annual aMW**
Fiscal Year 2012													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.717
HLH (MWh)	19,968	19,200	19,968	19,200	19,200	20,736	19,200	19,968	19,968	19,200	20,736	18,432	48.000
LLH (MWh)	12,693	12,200	11,852	12,164	10,141	10,628	11,152	11,396	10,384	12,164	11,299	13,375	36.014
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	19,200	19,200	19,968	18,432	19,968	19,968	19,968	19,200	19,968	20,736	18,432	48.000
LLH (MWh)	11,925	12,200	12,620	11,396	9,897	11,396	10,384	11,396	11,152	11,396	11,299	13,375	35.976
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	19,200	19,200	19,968	18,432	19,968	19,968	19,968	19,200	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,200	12,620	11,396	9,897	11,396	10,384	11,396	11,152	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	18,432	19,968	19,968	18,432	19,968	19,968	19,200	19,968	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	11,396	9,897	11,396	10,384	12,164	10,384	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.717
HLH (MWh)	20,736	18,432	19,968	19,200	19,200	20,736	19,968	19,200	19,968	19,200	20,736	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	12,164	10,141	10,628	10,384	12,164	10,384	12,164	11,299	12,607	35.965
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2017													
Total (MWh)	30,756	29,112	30,408	30,054	27,766	29,671	29,141	29,718	28,865	30,260	30,089	29,730	40.590
HLH (MWh)	18,803	17,801	19,082	18,398	18,066	19,617	18,434	18,920	18,990	18,524	19,476	17,946	45.614
LLH (MWh)	11,953	11,311	11,326	11,656	9,700	10,054	10,707	10,798	9,875	11,736	10,613	11,784	34.177
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	19,968	19,200	19,200	19,968	18,432	20,736	19,200	19,968	19,968	19,200	20,736	18,432	48.000
LLH (MWh)	12,693	12,200	12,620	11,396	9,897	10,628	11,152	11,396	10,384	12,164	11,299	13,375	36.026
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	19,200	19,200	19,968	18,432	19,968	19,968	19,968	19,200	19,968	20,736	18,432	48.000
LLH (MWh)	11,925	12,200	12,620	11,396	9,897	11,396	10,384	11,396	11,152	11,396	11,299	13,375	35.976
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.717
HLH (MWh)	20,736	19,200	19,200	19,968	19,200	19,968	19,968	19,200	19,968	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,200	12,620	11,396	10,141	11,396	10,384	12,164	10,384	11,396	12,067	12,607	35.965
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	19,968	19,200	19,968	19,200	18,432	20,736	19,968	19,200	19,968	19,200	20,736	19,200	48.000
LLH (MWh)	12,693	12,200	11,852	12,164	9,897	10,628	10,384	12,164	10,384	12,164	11,299	12,607	35.976
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	19,968	19,200	19,968	19,200	18,432	20,736	19,200	19,968	19,968	19,200	20,736	19,200	48.000
LLH (MWh)	12,693	12,200	11,852	12,164	9,897	10,628	11,152	11,396	10,384	12,164	11,299	12,607	35.976
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.717
HLH (MWh)	19,968	19,200	19,200	19,968	19,200	19,968	19,968	19,968	19,200	19,968	20,736	18,432	48.000
LLH (MWh)	12,693	12,200	12,620	11,396	10,141	11,396	10,384	11,396	11,152	11,396	11,299	13,375	36.014
Peak (MW)													
Fiscal Year 2025													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	19,200	19,200	19,968	18,432	19,968	19,968	19,968	19,200	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,200	12,620	11,396	9,897	11,396	10,384	11,396	11,152	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	18,432	19,968	19,968	18,432	19,968	19,968	19,200	19,968	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	11,396	9,897	11,396	10,384	12,164	10,384	11,396	12,067	12,607	35.976
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2027													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	18,432	19,968	19,200	18,432	20,736	19,968	19,200	19,968	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	12,164	9,897	10,628	10,384	12,164	10,384	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.717
HLH (MWh)	19,968	19,200	19,968	19,200	19,200	20,736	19,200	19,968	19,968	19,200	20,736	19,200	48.000
LLH (MWh)	12,693	12,200	11,852	12,164	10,141	10,628	11,152	11,396	10,384	12,164	11,299	12,607	35.965
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(3) **Unspecified Resource Amounts Used to Serve an NLSL**
Pend Oreille's Unspecified Resource Amounts Used to Serve an NLSL are listed in the table below.

Unspecified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2019													
Total (MWh)	0	1,396	0	1,474	3,256	2,849	0	0	0	0	0	0	1.025
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	1,396	0	1,474	3,256	2,849	0	0	0	0	0	0	2.332
Note: Fill in the table above with megawatt-hours rounded to whole megawatt-hours and with annual Average Megawatts rounded to three decimal places.													

5. TOTAL DEDICATED RESOURCE AMOUNTS

The amounts in the table below equal the sum of all resource amounts used to serve Pend Oreille's Total Retail Load listed above in sections 2, 3, and 4.

Dedicated Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	72,220	52,215	64,236	53,364	46,580	49,174	74,142	84,985	78,858	66,644	65,413	56,302	86.992
HLH (MWh)	45,104	33,333	41,259	33,049	30,560	32,818	46,996	56,615	52,004	41,374	43,387	33,721	99.800
LLH (MWh)	27,116	18,882	22,977	20,315	16,020	16,356	27,146	28,370	26,854	25,270	22,026	22,581	70.741
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	73,448	53,405	65,453	53,549	45,141	49,359	74,321	85,170	79,037	65,601	64,370	55,292	87.231
HLH (MWh)	47,552	33,993	40,332	34,474	29,433	31,706	48,979	56,718	50,103	42,445	42,782	33,183	100.102
LLH (MWh)	25,896	19,412	25,121	19,074	15,708	17,652	25,341	28,451	28,934	23,155	21,588	22,109	70.799
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.460
HLH (MWh)	47,198	33,665	40,004	34,716	29,656	31,948	49,221	56,960	50,336	42,687	41,438	34,797	100.291
LLH (MWh)	25,640	19,148	24,850	19,265	15,876	17,842	25,518	28,642	29,120	23,346	23,364	20,914	71.082
Peak (MW)													

Dedicated Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2015													
Total (MWh)	75,144	55,048	67,160	55,493	46,897	51,300	76,202	85,603	79,456	67,545	66,314	57,173	89.421
HLH (MWh)	48,537	33,509	42,894	35,561	30,436	32,793	50,066	54,770	52,349	43,532	42,283	35,609	102.268
LLH (MWh)	26,607	21,539	24,266	19,931	16,461	18,506	26,135	30,833	27,106	24,012	24,030	21,564	73.022
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	72,838	52,813	64,854	53,982	47,158	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.407
HLH (MWh)	47,198	32,319	41,604	33,381	30,892	33,177	49,221	54,770	52,349	41,046	43,033	34,797	100.200
LLH (MWh)	25,640	20,495	23,249	20,601	16,266	16,614	25,518	30,833	27,106	24,988	21,770	20,914	71.057
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	68,349	50,533	61,227	51,574	43,730	47,871	69,740	79,483	73,897	62,214	61,194	53,141	82.529
HLH (MWh)	42,567	32,082	39,186	31,850	28,455	31,834	44,136	52,704	48,643	38,610	40,521	33,084	94.396
LLH (MWh)	25,781	18,451	22,040	19,724	15,275	16,037	25,604	26,779	25,254	23,604	20,673	20,057	67.380
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	72,915	52,887	64,931	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.486
HLH (MWh)	45,493	33,706	40,045	34,716	29,656	33,177	47,328	56,960	52,349	41,046	43,033	33,406	100.269
LLH (MWh)	27,422	19,181	24,886	19,265	15,876	16,614	27,412	28,642	27,106	24,988	21,770	22,305	71.291
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	72,838	54,171	64,854	55,456	48,788	52,640	74,740	85,603	79,456	66,034	64,803	55,711	88.481
HLH (MWh)	47,198	33,665	40,004	34,716	29,656	31,948	49,221	56,960	50,336	42,687	43,033	33,406	100.332
LLH (MWh)	25,640	20,506	24,850	20,740	19,132	20,692	25,519	28,643	29,120	23,347	21,770	22,305	73.353
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	72,838	52,813	64,854	53,982	47,158	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.407
HLH (MWh)	47,198	33,665	40,004	34,716	30,892	31,948	49,221	54,770	52,349	42,687	41,438	34,797	100.18
LLH (MWh)	25,640	19,148	24,850	19,266	16,266	17,843	25,519	30,833	27,107	23,347	23,365	20,914	71.084
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	53,521	43,000	49,245	43,619	37,776	41,530	53,222	59,265	55,533	49,597	49,273	44,652	66.237
HLH (MWh)	34,320	25,777	31,198	26,738	24,485	27,458	34,876	37,211	36,401	31,729	31,085	27,425	75.062
LLH (MWh)	19,201	17,223	18,047	16,881	13,291	14,072	18,346	22,054	19,132	17,868	18,188	17,227	54.971
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.461
HLH (MWh)	45,449	33,665	41,604	33,381	29,656	33,177	49,221	54,770	52,349	41,046	43,033	34,797	100.193
LLH (MWh)	27,389	19,148	23,250	20,601	15,876	16,614	25,519	30,833	27,107	24,988	21,770	20,914	71.208
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.461
HLH (MWh)	45,449	33,665	41,604	33,381	29,656	33,177	49,221	56,960	52,349	41,046	43,033	34,797	100.253
LLH (MWh)	27,389	19,148	23,250	20,601	15,876	16,614	27,412	28,643	27,107	24,988	21,770	20,914	71.131
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	72,838	52,813	64,854	53,982	47,158	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.407
HLH (MWh)	45,449	33,665	40,004	34,716	30,892	31,948	49,221	56,960	50,336	42,687	43,033	33,406	100.227
LLH (MWh)	27,389	19,148	24,850	19,266	16,266	17,843	25,519	28,643	29,120	23,347	21,770	22,305	71.143
Peak (MW)													

Dedicated Resource Amounts													
	Oct	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**annual aMW**
Fiscal Year 2025													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.461
HLH (MWh)	47,198	33,665	40,004	34,716	29,656	31,948	49,221	56,960	50,336	42,687	41,438	34,797	100.290
LLH (MWh)	25,640	19,148	24,850	19,266	15,876	17,843	25,519	28,643	29,120	23,347	23,365	20,914	71.084
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.461
HLH (MWh)	47,198	32,319	41,604	34,716	29,656	31,948	49,221	54,770	52,349	42,687	41,438	34,797	100.306
LLH (MWh)	25,640	20,494	23,250	19,266	15,876	17,843	25,519	30,833	27,107	23,347	23,365	20,914	71.064
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.461
HLH (MWh)	47,198	32,319	41,604	33,381	29,656	33,177	49,221	54,770	52,349	42,687	41,438	34,797	100.284
LLH (MWh)	25,640	20,494	23,250	20,601	15,876	16,614	25,519	30,833	27,107	23,347	23,365	20,914	71.091
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	72,838	52,813	64,854	53,982	47,158	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.407
HLH (MWh)	45,449	33,665	41,604	33,381	30,892	33,177	47,328	56,960	52,349	41,046	43,033	34,797	100.179
LLH (MWh)	27,389	19,148	23,250	20,601	16,266	16,614	27,412	28,643	27,107	24,988	21,770	20,914	71.085
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

6. LIST OF RESOURCES NOT USED TO SERVE TOTAL RETAIL LOAD

Pursuant to section 17 of the body of this Agreement, all Generating Resources and Contract Resources Pend Oreille owns that are: (1) not Specified Resources listed in section 2 of Exhibit A, and (2) greater than 200 kilowatts of nameplate capability, are listed below.

(1) Kalispel Settlement for Box Canyon

(A) Special Provisions

As a result of Box Canyon Dam's 2005 relicensing with the Federal Energy Regulatory Commission, Pend Oreille and the Kalispel Tribe reached a settlement agreement in 2007 which provides the Kalispel Tribe a right to 0.83 aMW of the output of Box Canyon Dam. The Kalispel Tribe exercises its right by making an annual election under one of three options. Option 1 provides that the Kalispel Tribe takes delivery of its output share for its own use or to resell. Option 2 provides that Pend Oreille markets the share on behalf of the Kalispel Tribe. Option 3 provides that the Kalispel Tribe sells its share to Pend Oreille.

In October 2008 BPA made a statutory determination under section 5(b)(1) of the Northwest Power Act of a partial loss of resource for 0.83 aMW of Box Canyon Dam at such times the Kalispel Tribe exercises Option 1 or Option 2. BPA determined there is no partial loss of resource when the Kalispel Tribe exercises Option 3. When

the Kalispel Tribe exercises either Option 1 or Option 2, the 0.83 aMW of power will be listed in the table in section 6(1)(C) below.

When the Kalispel Tribe exercises Option 3, the 0.83 aMW of power will be used to serve Pend Oreille's Total Retail Load and the 0.83 aMW of power will be listed in the table in section 2.1(4)(C) of this exhibit.

By December 15 of each year Pend Oreille shall notify BPA of the Kalispel Tribe's election for the upcoming calendar year.

(B) **Resource Profile**

Fuel Type	Type of Resource		Percent of Resource Not Used to Serve Load	Nameplate Capability (MW)
	Generating Resource	Contract Resource		
Hydro	X		Calendar Year 2.03% when not applied to load	77.2

(C) **Expected Resource Output**

Expected Output – Energy (aMW)									
Fiscal Year	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**
Annual aMW	0.415	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fiscal Year	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	
Annual aMW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Note: Fill in the table above with annual Average Megawatts rounded to three decimal places.									

(2) **Box Canyon Dam**

(A) **Special Provisions**

See the special provisions in section 4 of this exhibit for Box Canyon Dam and Boundary Dam for language regarding annual updates to the Dedicated Resource amounts for Net Requirements purposes.

(B) **Resource Profile**

Fuel Type	Type of Resource		Percent of Resource Not Used to Serve Load	Nameplate Capability (MW)
	Generating Resource	Contract Resource		
Hydro	X		12.3%	77.2

(C) **Expected Resource Output**

Expected Output – Energy (aMW)									
Fiscal Year	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**
Annual aMW	N/A	N/A	N/A	N/A	N/A	4.932	N/A	N/A	N/A
Fiscal Year	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	
Annual aMW	21.224	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Note: Fill in the table above with annual Average Megawatts rounded to three decimal places.									

7. LIST OF CONSUMER-OWNED RESOURCES

7.1 Consumer-Owned Resources Serving Onsite Consumer Load

Pursuant to section 3.6 of the body of this Agreement, Pend Oreille does not have any Consumer-Owned Resources serving Onsite Consumer Load at this time.

7.2 Consumer-Owned Resources Serving Load Other than Onsite Consumer Load

Pursuant to section 3.6 of the body of this Agreement, Pend Oreille does not have any Consumer-Owned Resources serving load other than Onsite Consumer Load at this time.

7.3 Consumer-Owned Resources Serving Both Onsite Consumer Load and Load Other than Onsite Consumer Load

Pursuant to section 3.6 of the body of this Agreement, Pend Oreille does not have any Consumer-Owned Resources serving both Onsite Consumer Load and load other than Onsite Consumer Load at this time.

7.4 Consumer-Owned Resources Serving an NLSL

Pursuant to section 23.3.7 of the body of this Agreement, Pend Oreille does not have any Consumer-Owned Resources serving an NLSL at this time.

8. REVISIONS

BPA shall revise this exhibit to reflect: (1) Pend Oreille's elections regarding the application and use of all resources owned by Pend Oreille and Pend Oreille's retail consumers and (2) BPA's determinations relevant to this exhibit and made in accordance with this Agreement.

(PSE-W:\POWER\CONTRACT\CUSTOMER\PEND_OR_PUD\13090\13090 Exh A R18.docx) 09/14/20

Status Quo (No new NLSL Determination and current Resource Treatment)

Assumptions: 33.681 PF Load, variable NLSL load, NLSL served by Existing Resources

	FY 22	FY 22	FY 22	FY 22	FY 22	FY 22
TRL	63.681	73.681	83.681	87.471	93.681	103.681
Existing Resource	57.461	47.461	37.461	33.671	27.461	17.461
NLSL	30	40	50	53.79	60	70
Net Requirement	0.000	0.000	0.000	0.010	6.220	16.220
RHWM	24.581	24.581	24.581	24.581	24.581	24.581

Conclusion: Net Requirement from BPA if NLSL is greater than 53.78 aMWs

New NLSL Determination and NLSL Policy Compliant Resource Use

Assumptions: 1% PF Load increase, variable NLSL load, NLSL served by Existing Resources (fixed at 53.733 aMW, what is currently dedicated for contract) and remainder by new Unspecified (Market) Resources

	FY 22	FY 22	FY 22	FY 22	FY 22
TRL	64.01781	74.01781	84.01781	94.01781	104.01781
Existing Resource	33.728	33.728	33.728	33.728	33.728
NLSL	30	40	50	60	70
Net Requirement	0.290	0.290	0.290	0.290	0.290
RHWM	24.581	24.581	24.581	24.581	24.581

Conclusion: If PF eligible load grows to 33.738 (just 0.057 aMW more), then Pend Orielle would have a BPA Net Requirement

New NLSL Determination and Revised Treatement of NLSL Resources

Assumptions: 33.681 PF Load, variable NLSL load, NLSL served by new Unspecified (Market) Resources

	FY 22	FY 22	FY 22	FY 22	FY 22
TRL	63.681	73.681	83.681	93.681	103.681
Existing Resource	87.461	87.461	87.461	87.461	87.461
NLSL Resource	30.000	40.000	50.000	60.000	70.000
Net Requirement	0.000	0.000	0.000	0.000	0.000

RHWM	24.581	24.581	24.581	24.581	24.581

Conclusion: Unless PF eligible load grows by more than 54 aMWs, no Net Requirement from BPA

FY 22
113.681
7.461
80
24.581

24.581

· PNC in

FY 22
114.01781
33.728
80
0.290

24.581

FY 22
113.681
87.461
80.000
0.000


24.581

From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Fri Jul 09 09:34:49 2021

To: Moore,Lisa A (BPA) - PSSE-MEAD-GOB; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Patton,Kathryn B (BPA) - PSS-SEATTLE

Subject: FW: LLIR

Importance: Normal

Attachments: image001.jpg; Pend_Oreille_PUD_F6420_25E.d_LLIR.pdf; image002.jpg

FYI

From: Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>
Sent: Friday, July 9, 2021 10:26 AM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Subject: RE: LLIR

Sorry about that, I thought it was attached in the last email, but now I see that was the LOI. ☺

From: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Sent: Friday, July 9, 2021 9:19 AM
To: Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>
Subject: RE: LLIR

Great to hear. Could you send me the PUD’s LLIR request? Want to see if there is any useful information for our side of the house.

Thanks.

From: Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>

Sent: Friday, July 9, 2021 8:11 AM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Subject: FW: LLIR

Good morning,

I just wanted to give you a heads up that Pend Oreille PUD has submitted their Line & Load Interconnection request.

Thanks for keeping me in the loop with information as you’ve received it. Since this is my first experience with this type of request, I appreciate the dialogue.

Have a great weekend!

Adelle

From: Lacambra,Jared M (BPA) - TPCF-MEAD-GOB <jmlacambra@bpa.gov>
Sent: Thursday, July 8, 2021 10:29 AM
To: Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>; Mendez-Sierra,Akira M (BPA) - TPPC-OPP-3 <ammendezsierra@bpa.gov>; Tesema,Berhanu K (BPA) - TPPC-OPP-3 <bktesema@bpa.gov>
Cc: Cosola,Anna M (BPA) - TPCC-TPP-4 <amcosola@bpa.gov>
Subject: RE: LLIR

Anna,
Also received this from the customer, should have been sent in with the interconnection request. This project has a really tight timeline. Is it possible to get the kickoff meeting scheduled in early July?

Jared

From: Lacambra,Jared M (BPA) - TPCF-MEAD-GOB
Sent: Thursday, July 8, 2021 8:30 AM
To: Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>; Mendez-Sierra,Akira M (BPA) - TPPC-OPP-3 <ammendezsierra@bpa.gov>; Tesema,Berhanu K (BPA) - TPPC-OPP-3 <bktesema@bpa.gov>

Cc: Cosola,Anna M (BPA) - TPCC-TPP-4 <amcosola@bpa.gov>
Subject: FW: LLIR

Adell, Berhanu and Akira,

We received the LLIR from Pend Oreille.

Thanks
Jared

From: David Hodder <DHodder@popud.org>
Sent: Thursday, July 8, 2021 8:27 AM
To: Interconnection <interconnection@bpa.gov>
Cc: Lacambra,Jared M (BPA) - TPCF-MEAD-GOB <jmlacambra@bpa.gov>
Subject: [EXTERNAL] LLIR

Attached is the filled out F6420_25E form for the USK 230kV substation load increase. Additionally I have included the three line drawing of the Pend Oreille PUD 230kV Usk Substation.
Please contact me if you need additional information or documents.

Thanks,
Regards,

DAVID J HODDER P.E.
Engineering Manager

Phone 509 447-3137
Cell (b)(6) [redacted]

Public Utility District No. 1 of Pend Oreille County
P.O. Box 190 | 130 N. Washington
Newport, Washington 99156

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Pend Oreille County Public Utility District #1

U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION

Electronic Form
Approved by Forms
Mgmt. 10/20/2006

TECHNICAL REQUIREMENTS FOR INTERCONNECTION TRANSMISSION LINE AND LOADS CONNECTION INFORMATION

WHO SHOULD FILE THIS FORM: Any customer expressing an interest in connecting transmission line or loads to the Bonneville Power Administration's (BPA) Transmission Business Line System (TBL's). This application should be completed as soon as possible and returned to the BPA Transmission Account Executive in order to begin processing the request.

INFORMATION: This application will be used by BPA to determine if a System Impact and Facility Requirement Study are required. This study is used to determine the location *(Connection Point)*, equipment requirements *(Requester and BPA TBL)*, system modifications, etc. to connect transmission lines and/or loads. Sections 1 and 2 should be completed as soon as possible and returned to the BPA Transmission Account Executive. Section 3 must be completed if it is determined that a System Impact and Facility Requirement Study is required. Following completion of the study the Requester will receive a preliminary estimate for the utility interface requirements that may be used in calculating the overall project connection requirements.

SECTION 1 – INTERCONNECTION REQUESTER AND CONTRACTORS

A. Requester/Owner Information

Company Name			
Pend Oreille Public Utility District #1			
Mailing Address			
130 N. Washington Ave			
City		State	9 Digit Zip Code
Newport		**WA**	**99156**
Phone Number	Email Address	Contact Name	
509 447-3137	**cwillenbrock@popud.org**	**Colin Willenbrock**	

B. Connection Design/Engineering Architect *(As applicable)*

Company Name			
Pend Oreille Public Utility District #1			
Mailing Address			
130 N. Washington Ave			
City		State	9 Digit Zip Code
Newport		**WA**	**99156**
Phone Number	Email Address	Contact Name	
509 447-3137	**dhodder@popud.org**	**David Hodder**	

C. Electrical Contractor *(As Applicable)*

Company Name			
TBD			
Mailing Address			
City	State		9 Digit Zip Code
Phone Number	Email Address	Contact Name	

U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION

Electronic Form
Approved by Forms
Mgmt. 10/20/2006

TECHNICAL REQUIREMENTS FOR INTERCONNECTION TRANSMISSION LINE AND LOADS CONNECTION INFORMATION

Section 2 – General Specifications, Location, and Diagrams for Connection

Preliminary Review Information

A. Type of Connection

☐ Radial Load	Comments
☒ Network Connection with Other Sources Present Operating Voltage (kV): 230	**Re-energizing Ponderay Renewable Fiber and Blockchain, LLC (old PNC site)**

B. Connection Point Location – Identify the BPA TBL Line or Substation

Street Address

422767 Highway 20, USK WA

State	County	Nearest community
WA	**Pend Oreille**	**USK**

Township	Range	Section
T32	**R44**	**443208**

Identify the BPA TBL Line or Substation Connection Point

BPA Usk Substation

C. Type of Load: Identify the characteristics which best describe the type of load to be served. Include specific information for loads such as those associated with arc furnaces, large motor, etc.

Customer intends to re-start and operate the existing pulp and paper making equipment that exists at the Customer Location and has been previously served by the Pend Oreille PUD District and BPA. In addition, Customer plans to install one or more data centers. Pulp and paper process load is anticipated to vary between 75 MW and 90 MW over time. This load shape will be 93% load power factor.

Customer expects that the data center installation will have space heating and cooling requirements in addition to electronic computer equipment and lighting. This load shape is expected be at virtually 100% load factor. As a general matter, please assume that demand above 90 MW is related to data center operations.

D. Load Data *(At the time of energization and every year for 10 years)*

Value for Year:	1	2	3	4	5	6	7	8	9	10
Projected Peak Load [kW]	125,000	144,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Summer Peak Load [kW]	125,000	144,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Winter Peak Load [kW]	125,000	144,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Anticipated Power Factor	.95	.95	.90	.90	.90	.90	.90	.90	.90	.90

e. Quality of Service *(Special Requirements such as power quality, frequency and duration of outages, etc.)*

No Special Requirements

F. Future Plans *(Where known: Modification, changes, or additions affecting the connection or connected equipment)*

Per Customer Letter of Intent:
Not less than 75 MW and not more than 125 MW with various start of service dates as follows:
i. September 1, 2021
ii. October 1, 2021
iii. November 1, 2021
-Not less than 125 MW and not more than 144 MW beginning January 1, 2022.
-Not less than 144 MW and not more than 300 MW beginning July 1, 2023.

G. Attach Electrical One-Line Diagram of the project that includes proposed protective relaying, breaker and switching arrangements, ground sources *(zero sequence)*, and assumed electrical equipment parameters for the connection.

U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION

TECHNICAL REQUIREMENTS FOR INTERCONNECTION TRANSMISSION LINE AND LOADS CONNECTION INFORMATION

Title	Name *(First, Last) (Please Print or Type)*	
General Manager	**Colin Willenbrock**	
Signature DocuSigned by: (b)(6) 44C5F2A11446419...		Date 7/6/2021

U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION

TECHNICAL REQUIREMENTS FOR INTERCONNECTION TRANSMISSION LINE AND LOADS CONNECTION INFORMATION

Section 3 – Study Data Requirements

A. Network Power Flow Model *(As required) (Enclose a model using approved WECC format)*

B. Interconnecting Transmission Line(s) or Cable *(Provide all parameters in physical units if applicable)*

No anticipated changes to the BPA-USK Substation or BPA transmission lines, other than to accomidate additional load. This is re-energizing an existing facility through the POPUD A960 Usk disconnect. This feed will have additional load greater than the previous approximatly 85 MW. Eventual load will be 300 MW.

Nominal voltage [kV]	Length (Miles)
230	0.0

Transmission Line Impedances

Quantity		Positive Sequences	Zero Sequence
Series Resistance, R Ω			
Series Reactance X Ω			
Shunt Susceptance, B μ S (or $\mu\Omega^{-1}$)]			
Will this line be built on common structures with other circuits?	☐ Yes ☐ No		
Will this line be transformer-terminated at either end? If "yes", state which end(s) and the transformer identifier.	☐ Yes ☐ No	End: / Transformer:	

C. Transformers *(Provide parameters if applicable)*

Identifier		Number of Windings		Autotransformer? ☐ Yes ☐ No	
Winding	Nominal Voltage [kV]	Configuration (Δ or YG)	Nameplate MVA	/	/
H:			**H to X:**	/	/
X:			**H to Y:**	/	/
Y:			**X to Y:**	/	/

Tap Information Winding (H, X, or Y)	Values: Operational [kV]	Available Taps [kV]	/ / / /
Transformer Impedance: Winding	H to X: % @ MVA	H to Y: % @ MVA	X to Y: % @ MVA

D. System Data – Only applicable where generation resources are present or if the connection includes another network source. Provide a system equivalent *(R1, X1, R0, X0 in per unit on a 100 MVA base)* at the proposed Connection Point looking into the connecting system. These values should be determined such that the system model *does not* include the physical connection to the BPA System. Assuming there are no other connections to the BPA System at any other point, these quantities are available by computing a single line-to-ground "bus fault" at the proposed Connection Point.

Generation *(If applicable), (Must follow the processes as described in this BPA form that are appropriate for a new generation interconnection.)*

N/A

E. Reactive Equipment *(Location, size, and rated voltage)* More specific information is required for reactive with dynamic capability *(SVC, TCSC, Sync Condensers, etc.)*

N/A

To be filled out by the BPA Transmission Account Executive:		
Transmission Account Executive *(Name)*	Internal Routing	Phone Number
Region	E-Mail Address	
Copy of Interconnection Study Request and Attachments to: Customer Service Engineering - TPC	**Transmission Planning Manager – TPP; System Protection Manager – TECC;**	

TRANSMISSION SALES CUSTOMER UPDATE
July 12, 2021

COOPERATIVE

Non-Responsive

[redacted]

GENERATION INTERCONNECTION

Non-Responsive

[redacted]

Non-Responsive

MUNICIPALITY

Non-Responsive

Non-Responsive

OTHER

Non-Responsive

PEOPLES/PUBLIC UTILITY DISTRICT

Pend Oreille County PUD No. 1 (Pend Oreille PUD) On June 23, 2021, Allrise Capital, Inc. submitted a Letter of Intent (LOI) to Pend Oreille PUD notifying them of their intent to expand electric service at the former Ponderay Newsprint Mill site at Usk Substation, under the name Ponderay Renewable Fiber and Blockchain. The LOI, outlined an aggressive schedule of up to 300 MW by July 2023, with load consisting of existing pulp and papermaking operations in addition to a data center in the near future.

Pend Oreille PUD subsequently submitted a Line and Load Interconnection request at BPA's direction. Internal coordination is underway.
(Adelle Harris, Ext. 6090)

Non-Responsive

[redacted]

Non-Responsive

[redacted]

US BUREAU OF RECLAMATION

Date	August 18th, 2021	**Customer Name**	Pend Oreille PUD
Time	8:30 to 9:30am	**Project**	L0494 Ponderay Renewable Fiber and Blockchain
Room	Phone Conference		
Phone Bridge/Call-In #	(b)(2) [redacted] Call ID is: (b)(2) [redacted]		

Attendees	**Pend Oreille PUD**	**BPA**
	Colin Willenbrock	Adelle Harris, Account Executive
	David Hodder	Jared Lacambra (host), Customer Service Engineer
		Martin Wick, L&L Lead
		Anna Cosola, GI Administrator
		Brian Galbraith, L&L Administrator
		Joseph Huntington, Account Services
		Akira Sierra-Mendez, Planning
		Prachthearat Ngoy, Planning
		Murphy Vierck, Program Support

Kickoff Meeting Agenda

Topic	SME	Notes
Welcome / Introductions - All	N/A	
Project Description	Customer	
Identify Issues	BAA, Planning, Communications, Environment, Energization Date	

Next Steps

Action	Due Date
BPA will tender a Feasibility Study Agreement, or	
BPA will tender an Interconnection System Impact Study Agreement, or	
BPA will tender an Interconnection Facilities Study Agreement	
BPA will tender a NEPA Study	

Agreement, if applicable	

FY2022 Annual Net Requirement Calculations and Block Amounts

Prepared by BPA, July 28, 2021

Customer Name	PEND OREILLE PUD
BES Number	10306
Fiscal Year	2022
Hours	8,760

Step 1: Above-RHWM Load Calculation

(in annual aMW)

TRL Forecast 1/	139.851
NLSL Resources 2/	105.904
Existing Resources 3/	7.403
Gross Requirements 4/	26.544
RHWM 5/	24.581
Above-RHWM Load 6/	1.963

Notes:
1/ TRL Forecast submitted by customer and approved by BPA (or BPA forecast if customer submitted forecast deemed not reasonable.)
2/ If NLSL see page 3 for additional calculations.
3/ Existing Resources are from Exhibit A and do not include resources serving NLSLs. Existing Resources can be removed in the second year of a Rate Period. See page 3 for removal of Existing Resource calculations.
4/ Gross Requirements is a preliminary Net Requirement calculation (preliminary since New Resources to serve Above-RHWM Load have not yet been added.)
5/ RHWM is from RHWM Process Outputs spreadsheet published on September 28, 2012, with updates for Provisional HWM if necessary.
6/ Headroom, if RHWM is greater than Gross Req, Above-RHWM Load, if RHWM is less than Gross Req.

Step 2: Annual Net Requirement Calculation

(in annual aMW)

Gross Requirements 7/	26.544
New Resources 8/	1.963
Net Requirements (NR) 9/	24.581
Tier 2 Block Amounts 10/	0.000

Notes:
7/ Gross Requirements from Step 1.
8/ New Resources equal Above-RHWM Load less T2 Amounts. If customer has New Specified Resources and T2 Block Amounts that sum to an amount greater than the customer's Above-RHWM Load, then the customer needs to determine the order of resource removal/T2 remarketing per section 10 of the body of the Slice/Block Contract.
9/ Net Requirements equals Gross Requirement Amounts less New Resources.
10/ T2 Amounts based on customer's election made by the September 30, 2011 Notice Deadline.
If T2 Amounts, then amounts go into section 2.5 of Exhibit C.
T2 Amounts plus T1 Amounts equal Net Requirements.

Monthly Net Requirement Calculations (with Block Amounts)

Prepared by BPA, July 28, 2021

Hours	October 744	November 721	December 744	January 744	February 672
Step 4: Monthly Tier 1 Block Amount Calculations					
Monthly Block Shaping Factors	0.034	0.149	0.135	0.190	0.168
Monthly T1 Block Amounts (MWh)	7,321	32,084	29,069	40,913	36,175
Monthly T2 Block Amounts (MWh)	0	0	0	0	0
13/ Exhibit C, Section 1.2.1.4 states that monthly Tier 1 Block amounts in MWh are equal to the Monthly Shapin Shaping Factors are in Exhibit C, Section 1.2.13					
Diurnal Shaping Factors					
Monthly Block HLH Shaping Factors	N/A	N/A	N/A	N/A	N/A
Monthly Block LLH Shaping Factors	N/A	N/A	N/A	N/A	N/A
14/ Diurnal Shaping Factors per Exhibit C, Section 1.2.2.4 if customer elected Tier 1 Block within-month shaped t					
Total - T1 Block Amounts (MW/hr)	10.0	44.0	39.0	55.0	54.0
HLH - T1 Block Amounts (MW/hr)	10.0	44.0	39.0	55.0	54.0
LLH - T1 Block Amounts (MW/hr)	10.0	44.0	39.0	55.0	54.0
15/ Shaped within-month Block Amounts arre megawatt per hour amounts equal to the monthly MWh amounts and rounded to a whole number. Flat within-month Block Amounts are megawatt per hour amounts equal to the rounded to a whole number. The diurnal amounts go into section 1.3 of Exhibit C. Due to rounding the total me					
Tier 1 and Tier 2 Block Amounts (MWh)	7,440	31,724	29,016	40,920	36,288
Step 5: Net Requirement Calculations (and Unspecified Resources Amounts)					
TRL Forecast Energy (MWh)	80,313	86,590	95,350	121,605	107,113
TRL Forecast Peak (MW)	132.6	149.7	157.1	200.4	190.8
NLSL Resources (MWh)	58,153	56,356	58,153	85,752	77,453
Existing Resources (MWh)	14,685	2,905	10,042	3,073	2,574
Monthly Gross Requirements (MWh)	7,475	27,329	27,155	32,780	27,086
16/ TRL Forecast submitted by customer and approved by BPA (or BPA forecast if customer forecast not approve Existing Resources from Exhibit A. Monthly Gross Requirements equals TRL less NLSLs and Exisiting Resources. N					
New Specified Resources (MWh)	0	0	0	0	0
New Specified Resources (aMW)	0.000	0.000	0.000	0.000	0.000
Unspecified Resource Amts (MWh)	1,460	1,415	1,460	1,460	1,319
Unspecified Resource Amts (aMW)	1.963	1.963	1.963	1.963	1.963

17/ New Specified Resouces can be added to serve Above-RHWM Load. If customer must dedicate New Specifie
then customer may do so but the amounts will be reduced to match the Above-RHWM Load. If New Specified Re

Net Requirement Forecast (MWh)	6,015	25,914	25,695	31,320	25,767

18/ Net Requirements equals TRL less NLSLs, Existing Resources, New Resources (Specified and Unspecified), an

NLSL Calculations (if applicable)
Prepared by BPA, July 28, 2021

	October	November	December	January	February
NLSL Forecast (MWh)	58,153	56,356	58,153	85,752	77,453
Resources Serving an NLSL (MWh)	42,751	41,372	42,751	42,751	38,614
Change to NLSL Resources (MWh)	15,402	14,984	15,402	43,001	38,839
Updated Resources Serving NLSL (MWh)	58,153	56,356	58,153	85,752	77,453

18/ Original resource amounts from Exhibit A. Update NLSL resources in Exhibit A to match NLSL forecast.

Change to Existing Resources (MWh)	-15,402	-8,536	-12,061	-8,158	-4,344
Change to Existing Resources (aMW)	-20.702	-11.839	-16.212	-10.965	-6.464
Updated Total Existing Resources (MWh)	14,685	2,905	10,042	3,073	2,574
Updated Total Existing Resources (aMW)	19.737	4.029	13.497	4.130	3.830

19/ If customer has a single resource split amongst NLSL and non-NLSL load, then balance the single resource an

Removal of Existing Resources in Second Year of Rate Period (if applicable)
Prepared by BPA, July 28, 2021 0 1st Year = 0, Second Year = 1

[redacted]

29/ Existing Resource Removal for Subsequent Fiscal Years of Each Rate Period (section 10.5 of the Slice/Block Contracts) is applicable for customers that have Existing Resour
that is less than the preliminary Net Requirement in the first year of a rate period. Preliminary Net Requirement means BPA's forecast of Customer's Net Requirement for eacl

Customer Specific Data for Fiscal Year	2021	2021	2021	2022	2022

Prepared by BPA, July 28, 2021		10	11	12	1	2
RHWM	24.581	416	400	416	400	384
		328	321	328	344	288
BES Number	10306					
T2 Block Amounts	0					
TRL Forecast - Energy (MWh)		80,313	86,590	95,350	121,605	107,113
TRL Forecast - Peak (MW)		132.585	149.663	157.084	200.391	190.756
NLSL Forecast		58,153	56,356	58,153	85,752	77,453
Existing		30,087	11,441	22,103	11,231	6,918
New		0	0	0	0	0
NLSL		42,751	41,372	42,751	42,751	38,614
Block Shaping Factors		0.034	0.149	0.135	0.190	0.168
HLH Shaping Factors		0.559	0.555	0.559	0.538	0.571
LLH Shaping Factors		0.419	0.445	0.462	0.441	0.425
[redacted]						
Existing Resource Removal Shape		0.119	0.039	0.084	0.037	0.020
New Resource Removal Shape		0.000	0.000	0.000	0.000	0.000

Customer Charges and Load Shaping Charges
Prepared by BPA, July 28, 2021

	October	November	December	January	February
HLH by Month	416	400	416	400	384
LLH by Month	328	321	328	344	288
RHWM T1 System Capability HLH (MWh)	2,920,790	3,537,945	3,223,873	2,651,580	2,346,690
RHWM T1 System Capability LLH (MWh)	1,633,134	2,227,488	2,419,335	2,009,470	1,693,144

BP-22 Final Proposal Rates					
Composite Rate (TOCA) ($$/%)	$1,998,417	$1,998,417	$1,998,417	$1,998,417	$1,998,417
Non-Slice Rate ($$/%)	($329,943)	($329,943)	($329,943)	($329,943)	($329,943)
Slice Rate ($$/%)	$0	$0	$0	$0	$0
Load Shaping - HLH ($$/MWh)	$29.92	$31.71	$38.76	$34.29	$34.79
Load Shaping - LLH ($$/MWh)	$28.27	$29.14	$32.05	$25.85	$28.29
Financial Reserves Policy Surcharge	$0.00	$0.00	$0.00	$0.00	$0.00
Financial Reserves Policy Amount	$0.0	$-Millions			
Financial Reserves Policy Surcharge	$0.00				
FY2022 Billing Determinants					
TOCA %	0.36490%	0.36490%	0.36490%	0.36490%	0.36490%

Non-Slice TOCA %	0.36490%	0.36490%	0.36490%	0.36490%	0.36490%
Load Shaping - HLH (MWh)	-6,498	4,690	4,460	12,324	12,173
Load Shaping - LLH (MWh)	-2,679	5,996	3,964	11,587	9,374
FY2022 Tier 1 Power Charges without Low Density Discounts or Irrigation Rate Discounts					
Composite Charge	$729,222	$729,222	$729,222	$729,222	$729,222
Non-Slice Charge	($120,396)	($120,396)	($120,396)	($120,396)	($120,396)
Load Shaping - HLH	($194,419)	$148,721	$172,873	$422,603	$423,496
Load Shaping - LLH	($75,744)	$174,720	$127,041	$299,535	$265,183
Financial Reserves Policy Surcharge	$0	$0	$0	$0	$0
Total	$338,663	$932,267	$908,740	$1,330,964	$1,297,505
Steps in calculating Load Shaping Billing Determinants					
System Shaped Load HLH (MWh)	10,658	12,910	11,764	9,676	8,563
System Shaped Load LLH (MWh)	5,959	8,128	8,828	7,333	6,178
Actual Tier 1 Load HLH (MWh)	4,160	17,600	16,224	22,000	20,736
Actual Tier 1 Load LLH (MWh)	3,280	14,124	12,792	18,920	15,552

Step 3: Critical Slice & Block Amounts (with TOCAs)
(in annual aMW)

Tier 2 Block Amounts	0.000
Tier 1 Block Amounts 11/	24.581
Net Requirements	24.581

TOCAs 12/

Sum of RHWM	6736.361
Non-Slice TOCA	0.36490%
TOCA	0.36490%

Notes:
11/ Tier 1 Block Amounts equal Net Requirement less Tier 2 Amounts.
Annual Tier 1 Block Amounts (in aMW) go into section 1.1 of Exhibit C.
12/ TOCA equals minimum of Net Requirement or RHWM,
divided by the Sum of RHWM. Sum of RHWM in cell J18.
Non-Slice TOCA equals TOCA.

March	April	May	June	July	August	September	ANNUAL
743	720	744	720	744	744	720	8,760
0.159	0.010	0.000	0.000	0.038	0.039	0.078	1.000
34,237	2,153	0	0	8,183	8,398	16,796	215,330
0	0	0	0	0	0	0	0

g Factors * Annual Tier 1 Block Amounts in aMW (see Step 3) * Hours in Fiscal Year

N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	

o their Net Requirement. Not applicable to customers who elected flat Tier 1 block within-month shape.

46.0	3.0	0.0	0.0	11.0	11.0	23.0	214,654
46.0	3.0	0.0	0.0	11.0	11.0	23.0	
46.0	3.0	0.0	0.0	11.0	11.0	23.0	

; calculated per 1.2.14 of Exhibit C multiplied by the diurnal shaping factor, divided by the hours in the month,
: monthly MWh amounts calculated per 1.2.14 of Exhibit C divided by the hours in the month,
gawatt-hours established in cell O55 will be different than the megawatt-hours calculated in cell O50.

34,178	2,160	0	0	8,184	8,184	16,560	214,654

113,627	106,167	105,248	100,646	103,796	103,535	101,104	1,225,094
183.8	175.8	171.9	159.6	161.8	156.7	163.8	N/A
85,636	82,985	85,752	82,985	85,752	85,752	82,985	927,715
2,846	3,802	8,002	6,729	3,668	3,477	3,046	64,848
25,145	19,380	11,494	10,932	14,376	14,306	15,073	232,531

d.) TRL Forecast (energy and peak) goes into section 1.1 of Exhibit A. If NLSL see page 3 for additional calculations.
leed to add New Resources if customer has Above-RHWM Load before calculating Net Requirements.

0	0	0	0	0	0	0	0
0.000	0.000	0.000	0.000	0.000	0.000	0.000	
1,459	1,413	1,460	1,413	1,460	1,460	1,413	17,196
1.963	1.963	1.963	1.963	1.963	1.963	1.963	

:d Resources (ie Hydro Resources) and does not have enough (or any) Above-RHWM Load,
esources were not added to serve Above-RHWM Load, then Unspecified Resource Amounts will be added.

23,686	17,966	10,034	9,518	12,916	12,846	13,659	215,335

d plus T2 Amounts. Net Requirements goes into section 1.2 of Exhibit A.

March	April	May	June	July	August	September	ANNUAL
85,636	82,985	85,752	82,985	85,752	85,752	82,985	927,715
42,751	41,372	42,751	41,372	42,751	42,751	41,372	503,359
42,885	41,613	43,001	41,613	43,001	43,001	41,613	424,356
85,636	82,985	85,752	82,985	85,752	85,752	82,985	927,715
-4,194	-29,566	-34,850	-31,355	-19,615	-18,575	-11,293	-197,950
-5.645	-41.064	-46.841	-43.549	-26.364	-24.966	-15.685	
2,846	3,802	8,002	6,729	3,668	3,477	3,046	64,848
3.830	5.281	10.755	9.346	4.930	4.673	4.231	

ıounts to match the NLSL forecast keeping the total dedicated amounts the same.

[redacted]

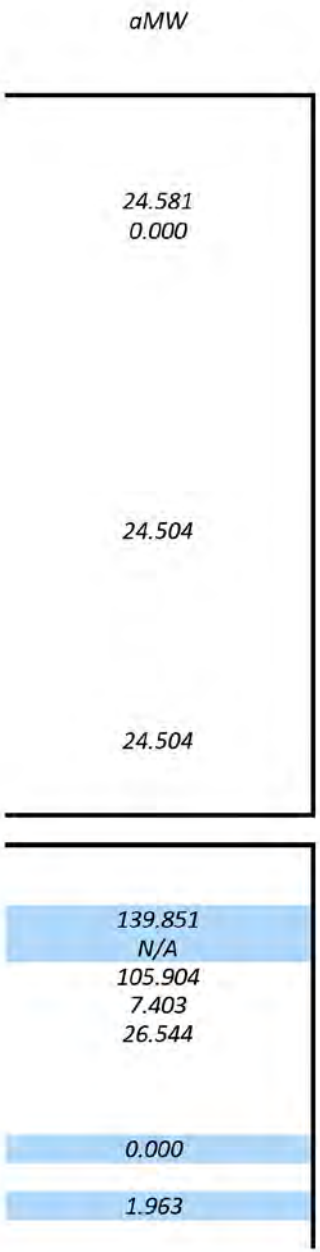
ces and have a Preliminary Net Requirement in the second year of a Rate Period
ı Fiscal Year prior to the removal of any resources in accordance with section 10.

2022	2022	2022	2022	2022	2022	2022

3	4	5	6	7	8	9	Annual
432	416	400	416	400	432	400	
311	304	344	304	344	312	320	
113,627	106,167	105,248	100,646	103,796	103,535	101,104	1,225,094
183.772	175.781	171.924	159.600	161.786	156.652	163.785	
85,636	82,985	85,752	82,985	85,752	85,752	82,985	927,715
7,040	33,368	42,852	38,084	23,283	22,052	14,339	262,798
0	0	0	0	0	0	0	0
42,751	41,372	42,751	41,372	42,751	42,751	41,372	503,359
0.159	0.010	0.000	0.000	0.038	0.039	0.078	1.000
0.581	0.578	0.538	0.578	0.538	0.581	0.556	
0.440	0.422	0.462	0.422	0.441	0.441	0.444	
0.019	0.133	0.173	0.154	0.089	0.084	0.051	1.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	

March	April	May	June	July	August	September	ANNUAL
432	416	400	416	400	432	400	4912
311	304	344	304	344	312	320	3848
2,961,839	2,307,314	3,495,710	3,952,933	3,505,339	3,425,259	2,999,685	37,328,957
1,860,906	1,436,906	1,691,935	1,590,174	1,757,589	1,660,955	1,700,508	21,681,545
$1,998,417	$1,998,417	$1,998,417	$1,998,417	$1,998,417	$1,998,417	$1,998,417	
($329,943)	($329,943)	($329,943)	($329,943)	($329,943)	($329,943)	($329,943)	
$0	$0	$0	$0	$0	$0	$0	
$27.57	$20.71	$16.28	$17.15	$36.83	$35.87	$28.15	
$28.44	$25.66	$16.30	$10.62	$21.36	$26.85	$28.95	
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	
0.36490%	0.36490%	0.36490%	0.36490%	0.36490%	0.36490%	0.36490%	

0.36490%	0.36490%	0.36490%	0.36490%	0.36490%	0.36490%	0.36490%	
9,064	-7,171	-12,756	-14,424	-8,391	-7,747	-1,746	
7,516	-4,331	-6,174	-5,803	-2,629	-2,629	1,155	
$729,222	$729,222	$729,222	$729,222	$729,222	$729,222	$729,222	$8,750,664
($120,396)	($120,396)	($120,396)	($120,396)	($120,396)	($120,396)	($120,396)	($1,444,752)
$249,901	($148,519)	($207,665)	($247,376)	($309,040)	($277,877)	($49,146)	($16,448)
$213,742	($111,140)	($100,634)	($61,623)	($56,165)	($70,584)	$33,433	$637,764
$0	$0	$0	$0	$0	$0	$0	$0
$1,072,469	$349,167	$300,527	$299,827	$243,621	$260,365	$593,113	$7,927,228
10,808	8,419	12,756	14,424	12,791	12,499	10,946	136,213
6,790	5,243	6,174	5,803	6,413	6,061	6,205	79,116
19,872	1,248	0	0	4,400	4,752	9,200	120,192
14,306	912	0	0	3,784	3,432	7,360	94,462


aMW
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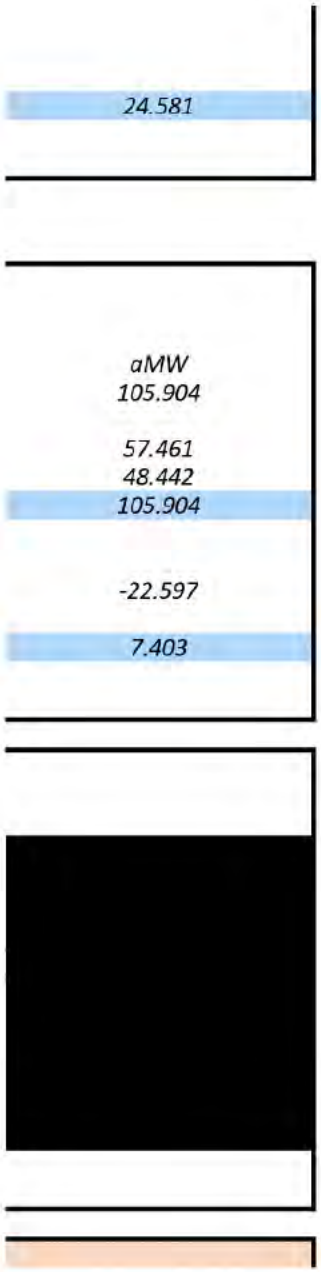
24.504
24.504
139.851
N/A
105.904
7.403
26.544
0.000
1.963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aMW
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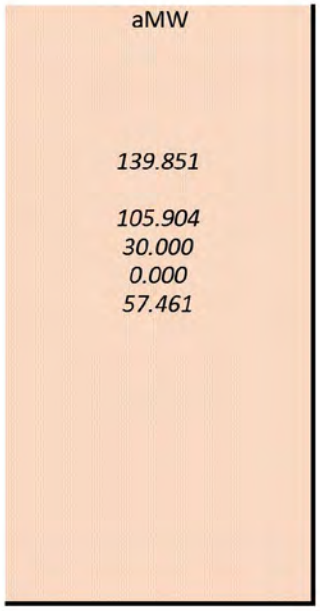
57.461
48.442
105.904
-22.597
7.403



aMW

7,599.543 6736
5,634.497

28
21
24
25

From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Tue Aug 03 07:58:56 2021

To: April Owen

Subject: RE: POPUD/Ponderay Newsprint site question

Importance: Normal

Attachments: image001.jpg; image003.jpg

From a power perspective, there shouldn't be any issues once we assign the net requirement. I can't speak for Transmission services. I know there is a meeting set up with the PUD for next week (I believe) to discuss whether studies are needed or not. I have a call in a few minutes but will be sure to give you a call right after the meeting concludes.

Mike

From: April Owen <aowen@popud.org>
Sent: Monday, August 2, 2021 6:06 PM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Subject: [EXTERNAL] POPUD/Ponderay Newsprint site question

Mike,

You and I had a discussion a little while back where you mentioned that some load studies might be needed before the Newsprint mill could restart at its former load. Did you get resolution on that? The plan is still for operations to begin on 10/1, but that would obviously be a problem if BPA were requiring additional grid studies for the former mill load amount.

I'm around for a bit this evening and should also be in by 7:00 PST if you want to give me a call. Let me know as

well if this is a question that I should be presenting to Adelle Harris on the transmission side.

Thanks Mike!
April.

April Owen
Director, Audit, Finance & Power Supply

Public Utility District No. 1 of Pend Oreille County
P.O. Box 190 | 130 N. Washington Ave
Newport, WA 99156
509.447.9321 | www.popud.org

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[redacted]

(b)(5)

(b)(2)

(b)(5)

[redacted]

From: April Owen

Sent: Wed Aug 18 12:05:03 2021

To: Normandeau,Mike (BPA) - PSE-RONAN; Colin Willenbrock; Tyler Whitney

Subject: [EXTERNAL] RE: Net Requirement Comment Submission

Importance: Normal

Thanks Mike. We had our kickoff meeting for the LLIR process this morning with BPA Transmission and Allrise/Ponderay, and we will be discussing next steps this week. I will let you know when we get any more clarity through the process.

We did get rain last night. It was great to be able to see the mountains again from my office!

April.

From: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Sent: Wednesday, August 18, 2021 8:16 AM
To: April Owen <aowen@popud.org>; Colin Willenbrock <cwillenbrock@popud.org>; Tyler Whitney <TWhitney@popud.org>
Subject: Net Requirement Comment Submission

CAUTION: This email originated from outside of the POPUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning April, Colin and Tyler,

I'm passing along a confirmation and my appreciation for submitting your comment into the Net Requirement public process. I have a meeting set up with the staff later today to discuss the situation further. I will likely request a call with BPA staff in the next week or two to check in.

Hopefully you caught a bit of rain that came through yesterday and last night. We certainly need some more…

Mike

Pend Oreille County Public Utility District #1

TRANSMISSION SALES CUSTOMER UPDATE
August 23, 2021

COOPERATIVE

Non-Responsive

[redacted]

Non-Responsive

[redacted]

GENERATION INTERCONNECTION

Non-Responsive

[redacted]

Non-Responsive

INVESTOR OWNED UTILITY

Non-Responsive

MARKETER

Non-Responsive

MUNICIPALITY

Non-Responsive

Non-Responsive

OTHER

Non-Responsive

Non-Responsive

PEOPLES/PUBLIC UTILITY DISTRICT

Non-Responsive

Pend Oreille County PUD No. 1 (Pend Oreille) On July 12, 2021, Pend Oreille submitted a Line and Load Interconnection Request (LLIR) for new load at the former Ponderay Newsprint, now owned by Allrise Capital Inc. (Allrise). Allrise intends to re-start and operate the existing pulp and paper making equipment effective October 1st, in addition to one or more data centers in the near future.

On August 18, 2021, BPA held a "kick-off" meeting with Pend Oreille and Allrise to establish process timelines and expectations for the LLIR. Pend Oreille and Allrise expressed a sense of urgency to restart mill operations, stating the fourth quarter is an important time to secure publishers. Allrise also notified BPA that they intend to operate the site under the name Ponderay Industries. Their goal is to restart the mill operations at same historic load of 85 MW effective October 1st. Load will increase by 25 MW per quarter, ultimately reaching 300 MW. Although the mill load could change based on market fluctuations, the ultimate goal is to secure 215 MW for the data center load and the remaining 85 MW for mill load. System assessments are done each year and the mill load was not included in last year's assessment; therefore BPA Transmission Planning determined a System Impact Study (SIS) will need to be completed to determine what, if any impact the initial mill load will have as well as the gradual addition of the data center load. BPA is working to expedite the SIS Agreement, however Pend Oreille and Allrise are both aware that completion of the study usually takes between 60-90 days which will put them past their target date of October 1st.
(Adelle Harris, Ext. 6090)

Non-Responsive

From: Normandeau,Mike (BPA) - PSE-RONAN
To: Schimmels,Nancy M (BPA) - PSE-MEAD-GOB; Patton,Kathryn B (BPA) - PSS-SEATTLE; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Moore,Lisa A (BPA) - PSSE-MEAD-GOB
Subject: FW: Allrise - congressional question about new large loads in Pend Oreille county
Date: Wednesday, August 25, 2021 4:37:12 PM

FYI- things are heating up a bit over Allrise/Pend Oreille. Nothing actionable but we certainly will be busy in September. Kate and I spoke with April Owen yesterday afternoon about the load forecast. I expect further modification to what they submitted last week. Right now, things are looking like a Jan. 1 start date for the mill. Still uncertain on the Crypto side... Kate is going to work the numbers a bit to see at what point does a change in the forecast (on an annual/NR level) starts to impact the PUD's obligation. We think it is between December and January based on a discussion she and I had yesterday. Right now we consider the mill to be powering up sometime between October and January. Crypto will likely come on sometime after that, at least that is our assumption based on Transmission's study efforts which is to break the two loads apart and look at restarting the mill sooner and then address the crypto load in further analysis. We'll see...

Mike

From: Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>
Sent: Wednesday, August 25, 2021 5:03 PM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>; Klumpp,Elizabeth C (BPA) - DIR-WSGL <ecklumpp@bpa.gov>
Cc: Baskerville,Sonya L (BPA) - DIN-WASH <slbaskerville@bpa.gov>
Subject: RE: Allrise - congressional question about new large loads in Pend Oreille county

Yes, please invite me to the call. I'm also working with other folks on the transmission side to see who else should participate from Planning since it sounds like the crux of the question is why we can't just restart historic load. I can describe our study process, however I feel that someone from Planning would best describe the details of our system assessment studies.

I should have information tomorrow for who else to invite.

Thanks Liz!

From: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Sent: Wednesday, August 25, 2021 3:19 PM
To: Klumpp,Elizabeth C (BPA) - DIR-WSGL <ecklumpp@bpa.gov>; Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>
Cc: Baskerville,Sonya L (BPA) - DIN-WASH <slbaskerville@bpa.gov>
Subject: RE: Allrise - congressional question about new large loads in Pend Oreille county

I'm happy to sit in on the call. I think you will need Adelle to cover the transmission aspect. Power is working with the PUD on developing an accurate forecast. We're trying to determine what that is considering the need to study the load. Right now, we're discussing internally that the mill load will come on sometime around Jan. 1. We're not making any assumption about crypto mining because

there is too much uncertainty. It doesn't really matter from a Power perspective if the load is larger. They are already buying as much federal energy as they can with just the mill itself running. The question is when does it come online. That dictates the Net Requirement/Take or Pay obligation for the PUD. It probably won't make much of a difference if the load comes on in October or January from our perspective. If it come son later than January, then there are potential issues on our side... this is based on some rough estimates that Kate Patton and I worked on yesterday. That could change...

Mike

From: Klumpp,Elizabeth C (BPA) - DIR-WSGL <ecklumpp@bpa.gov>
Sent: Wednesday, August 25, 2021 3:36 PM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>; Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>
Cc: Baskerville,Sonya L (BPA) - DIN-WASH <slbaskerville@bpa.gov>
Subject: Allrise - congressional question about new large loads in Pend Oreille county

Mike and Adelle,

We've got a follow-up congressional request regarding Ponderay and Allrise Capital seeking papermill and crypto loads. Below this email is the one I've already sent to the congressional office based on conversations with Mike and Adelle.

I've highlighted the ask in yellow from Allrise. Are you hearing this directly from Allrise. too? It sounds like they think we should be able to hit a switch and serve the plant's historical load quickly.

Mike, can you join me for a call next week with the legislative director? Do we want/need Adelle? I suspect this may need 30 minutes. Do we need someone else?

I don't expect us to have a different answer on time lines, but congressional staff need to ask and I'm sure are interested in recovering these jobs in rural NE Washington. But, we can listen to the ask and explain our path through the analysis and load interconnection/service. Does that sound good?

Let me know who to invite and I'll schedule the meeting. I'm out next week, but will have access to phones. I don't assume Sonya wants to join, but I've copied her as an FYI.

Thanks,
Liz

From: Engell, Andrew <Andrew.Engell@mail.house.gov>
Sent: Wednesday, August 25, 2021 1:18 PM
To: Klumpp,Elizabeth C (BPA) - DIR-WSGL <ecklumpp@bpa.gov>
Subject: RE: question about new large loads in Pend Oreille county

Good afternoon Liz,

Would it be possible to set up a call next week for myself and Cathy's Legislative Director to talk with the correct person at BPA to discuss the Pend Oreille PUD and Allrise Capital?

Here is what Cathy's Legislative Director Liz Payne sent me asking for the meeting.

> "Can you reach back out to whoever you talked to at BPA and set up a phone call for us next week? Tuesday 12ET-4ET is good for me, or Wednesday 12ET-2ET. Talked to Ponderay, and they are wanting BPA to provide their historical load as quickly as possible, while they pursue the study necessary to determine whether they can meet the expanded load demand. I'd like to get BPA's perspective on that possibility."

Thanks,

Andrew

From: Klumpp,Elizabeth C (BPA) - DIR-WSGL <ecklumpp@bpa.gov>
Sent: Wednesday, August 18, 2021 4:49 PM
To: Engell, Andrew <Andrew.Engell@mail.house.gov>
Subject: question about new large loads in Pend Oreille county

Hi Andrew,

I'm following up on a conversation you initiated about Allrise Capital contacting you as it has approached Pend Oreille PUD, a Bonneville transmission and power customer, with requests to serve new electricity loads. Here's a quick status update on that and I've copied language posted publicly on BPA's external website for your reference. Power and transmission are aware that the PUD has filed a request to start some service to these loads by October 1.

BPA transmission and power leads have met with representatives from Pend Oreille PUD to discuss serving two new large electrical loads – a paper mill and a cryptocurrency/data processing load. These new loads would be several times larger than the PUD's current power loads. Bonneville Transmission has electrical studies it needs to undertake and processes to determine how transmission can transmit power over its high voltage lines to serve these new loads. Bonneville transmission leads are engaged in these processes.

On the Power side of the business, BPA Power leads are engaged in working with our utility customer on exploring what options exist to serve these possible new power loads. Please note that federal statutes state that Bonneville Power will not serve New Large Single Loads (over 10 MWs) at Bonneville's preference rate. However, a utility can place New Large Single Loads on Bonneville, and we then have the obligation to serve those loads, but at a rate called the New Resource rate. This New Resource rate is higher than the rate the preference customers pay for wholesale power from BPA. This is referred to as the New Large Single Load policy. I believe this requirement is set forth in the 1980 Pacific Northwest Electric Power Planning and Conservation Act (the Power Act). Again, we are exploring options with the PUD.

The information below is posted publicly on BPA's website - Public Comments (bpa.gov). I italicized some language below.

- NTRQ2221 0001 - Whitney/Public Utility District No. 1 of Pend Oreille CountyPublic Utility District No. 1 of Pend Oreille County ("Pend Oreille") has reviewed Bonneville Power Administration ("BPA")'s preliminary Net Requirements determination for FY 2022. Please be advised that Pend Oreille's load forecast includes the addition of a large industrial customer, the start-up of which may be dependent on completion of studies through BPA-Transmission. *While the full scope or impact of these studies is not yet known, BPA-T has indicated those studies may continue into the first several months of FY 2022.*
-
- NTRQ2221 0002 - Owen/Public Utility District No. 1 of Pend Oreille CountyPend Oreille PUD has received an updated load forecast from its potential industrial customer, Allrise Capital, Inc. The following reflects Allrise's updated load forecast for BPA FY22: • Beginning October 1, 2021 = 25 aMW • Beginning November 1, 2021 = 115 aMW • Beginning January 1, 2022 = 140 aMW • Beginning April 1, 2022 = 165 aMW Based on prior correspondence and communications with the customer, Pend Oreille PUD is assuming that the first 87 aMW of this customer's load will be dedicated to restarted operations at the former Ponderay Newsprint Company mill site, with the remainder of load being dedicated to cryptocurrency/data processing. As previously noted, Pend Oreille PUD has been informed by BPA Transmission that studies will likely be required before power can be delivered to the former Ponderay Newsprint mill site. *While the full scope or impact of these studies is not yet known, BPA-T has indicated those studies may continue into the first several months of FY 2022.*

If you have additional questions, let me know. Some of this work and analysis is confidential and some of it is public.

Thank you!

Liz Klumpp
Washington Liaison | Bonneville Power Administration | o 360-943-0157 | m (b)(6)

Department of Energy

Bonneville Power Administration
P.O. Box 61409
Vancouver, WA 98666-1409

TRANSMISSION SERVICES

August 30, 2021

In reply refer to: TSE/TPP-2

Mr. F. Colin Willenbrock, General Manager
Pend Oreille County PUD No. 1
PO Box 190
Newport, WA 99156-0190

Dear Mr. Willenbrock:

Pend Oreille County PUD No. 1 (Pend Oreille) submitted a Line and Load Interconnection Request to the Bonneville Power Administration (BPA), dated July 12, 2021, proposing to interconnect 85 MW paper mill load and additional data center load of 215 MW (300 MW total) at the Ponderay newsprint site that connects to BPA's Usk 230 kV Substation. BPA entered the request into its Interconnection Queue as Request No. L0494 (Request). A Line and Load Interconnection System Impact Study (LLISIS) is required to identify any system constraints, additional network facilities, and direct assignment facilities required to serve the proposed interconnection.

Enclosed is a signed original of Agreement No. 21TP-12420 between Pend Oreille and BPA, which provides for the LLISIS. Please have Pend Oreille's authorizing official electronically sign the flagged signature field in the Agreement and return by email to tpcc_contracts@bpa.gov by Close of Business (COB) on September 20, 2021. Alternatively, Pend Oreille may print, sign and scan the Agreement into a PDF file and return to BPA by email, or send a signed paper copy to one of the following addresses:

First Class Mail
U. S. Department of Energy
Bonneville Power Administration
ATTN: Brian Galbraith - TPCC/TPP-4
P.O. Box 61409
Vancouver, WA 98666

Overnight Delivery Service
U. S. Department of Energy
Bonneville Power Administration
ATTN: Brian Galbraith - TPCC/TPP-4
905 NE 11th Avenue
Portland, OR 97232
Phone: (503) 230-5912

The required advance payment of $30,000 can be made by wire transfer or ACH credit (payment instructions enclosed). Please reference Agreement No. 21TP-12420 when remitting payment. The executed Agreement and payment must be received by COB on September 20, 2021, or this offer will be withdrawn.

If you have any questions concerning this matter, please contact me at (360) 619-6090, or Brian Galbraith, Line and Load Interconnection Administrator at (503) 230-5912.

Sincerely,

(b)(6)

Adelle L. Harris
2021.08.30 07:32:26
-07'00'

Transmission Account Executive
Transmission Sales

2 Enclosures

U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION

AGREEMENT

1. AGREEMENT NUMBER	2. AGREEMENT EFFECTIVE FROM DATE IN BLOCK 4 UNTIL	3. AMENDMENT NO.	4. EFFECTIVE DATE
21TP-12420	**See Block #11**	**-0-**	**Same as Block #17**

ISSUED TO	ISSUED BY
5. ORGANIZATION AND ADDRESS **Pend Oreille County PUD No. 1** **ATTN: Mr. F. Colin Willenbrock, General Manager** **PO Box 190** **Newport, WA 99156-0190**	6. ORGANIZATION AND ADDRESS **U.S. Department of Energy** **Bonneville Power Administration** **ATTN: Brian Galbraith – TPCC/TPP-4** **P.O. Box 61409** **Vancouver, WA 98666**
7. TECHNICAL CONTACT: **David Hodder** — PHONE NUMBER: **(509) 447-9343**	8. TECHNICAL CONTACT: **Jared Lacambra** — PHONE NUMBER: **(509) 822-4605**
9. ADMINISTRATIVE CONTACT: **David Hodder** — PHONE NUMBER: **(509) 447-9343**	10. ADMINISTRATIVE CONTACT: **Martin Wick** — PHONE NUMBER: **(360) 619-6818**

11. TITLE/BRIEF DESCRIPTION OF WORK TO BE PERFORMED UNDER THIS AGREEMENT

LINE AND LOAD INTERCONNECTION SYSTEM IMPACT STUDY AND ASSOCIATED TASKS FOR INTERCONNECTION REQUEST NO. L0494 – PONDERAY RENEWABLE FIBER AND BLOCKCHAIN PROJECT

Pend Oreille County PUD No. 1 (Pend Oreille) submitted a Line and Load Interconnection request on July 12, 2021, proposing to interconnect 85 MW paper mill load and additional data center load of 215 MW (300 MW total) at the Ponderay newsprint site that connects to BPA's Usk 230 kV Substation. The request has been entered into BPA's Interconnection Queue as Request No. L0494.

In order to assess the impact of this request, the Bonneville Power Administration (BPA) will, at Pend Oreille's expense, perform a Line and Load Interconnection System Impact Study (LLISIS) to assess the impact of the proposed interconnection of Pend Oreille's facilities on BPA's transmission system, and on the transmission systems of any third parties. The LLISIS will identify any system constraints, additional network facilities, and direct assignment facilities required to provide the requested interconnection. The LLISIS evaluation will include, but not be limited to: (i) facility thermal overloads; (ii) voltage support and control problems; (iii) voltage stability problems; (iv) transient stability problems; and (v) dynamic stability problems. The LLISIS will be based upon the results of previously performed studies, where applicable.

The Point of Interconnection to be studied will be BPA's Usk Substation.

BPA estimates that the LLISIS and associated tasks will require 60 days to complete, following BPA's receipt of this fully executed Agreement and associated payment from Pend Oreille.

Termination: This Agreement shall become effective upon execution by both parties and shall terminate upon full performance by both parties of their respective obligations set forth herein, but in no event shall the term of this Agreement exceed five years from its effective date.

The following document is attached to and becomes a part of this Agreement:

- Financial Terms and Conditions Statement

12. AMOUNT TO BE PAID BY BPA	13. AMOUNT TO BE PAID TO BPA
$	**$30,000 (estimated)**
14. SUBMIT SIGNED AGREEMENT TO **U.S. Department of Energy** **Bonneville Power Administration** **ATTN: Brian Galbraith – TPCC/TPP-4** **P.O. Box 61409** **Vancouver, WA 98666**	15. ACCOUNTING INFORMATION *(For BPA Use Only)* 16. SUBMIT INVOICE TO *(Name and Address)*
PARTICIPANT	**BPA**
17. APPROVED BY *(Signature)* — DATE *(MM/DD/YY)*	18. APPROVED BY *(Signature)*: (b)(6) Adelle L. Harris 2021.08.30 07:32:55 -07'00' — DATE *(MM/DD/YY)*
NAME AND TITLE	NAME AND TITLE **Transmission Account Executive** **Transmission Sales**

BPA's cost of performing the study at Pend Oreille's expense shall be the actual cost of doing the work specified in this Agreement, plus an overhead rate of 35%, representing the indirect costs of the study office plus the contractual support costs of contract negotiation, billing and accounting functions, and contract management.

Pend Oreille hereby agrees to advance $30,000, the estimated study cost, to BPA upon execution of this Agreement. Payments made to BPA shall be held in an account established for this Agreement.

If BPA needs additional funds to complete the work at any time during performance of the study, BPA may request, in writing, for Pend Oreille to advance such additional funds to BPA for deposit in the account. Pend Oreille shall advance such additional funds within 30 days of BPA's written request, and BPA may temporarily stop work until Pend Oreille supplies the requested funds. If Pend Oreille does not advance such additional funds by the due date or, if at any time before completion of the study Pend Oreille elects to stop work under this Agreement, BPA has the right to cease all work and restore, as a cost to the study at Pend Oreille's expense, government facilities and/or records to their condition prior to the beginning of work under this Agreement.

Within a reasonable time after completion of the study, BPA shall make a full accounting to Pend Oreille showing the actual costs charged against the account. BPA shall either remit any unexpended balance in the account to Pend Oreille or bill for any costs in excess of the deposits in the account. Pend Oreille shall pay any excess costs within 30 days of the invoice date (due date).

Payments not received by the due date will accrue interest on the amount due beginning the first calendar day after the due date to the date paid, at an annual interest rate equal to the higher of i) the prime rate (as reported in the Wall Street Journal in the first issue published during the month in which payment by Pend Oreille is due) plus 4 percent; or ii) such prime rate multiplied by 1.5.

From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Mon Aug 30 12:09:38 2021

To: April Owen; Patton,Kathryn B (BPA) - PSS-SEATTLE

Cc: Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Moore,Lisa A (BPA) - PSSE-MEAD-GOB; Schimmels,Nancy M (BPA) - PSE-MEAD-GOB

Subject: RE: Pend Oreille FY2022 Forecast Breakout 2021-8-18.xlsx --- need to start thinking about the NLSL determination

Importance: Normal

Attachments: image001.jpg; image002.jpg; image003.jpg; image004.jpg; image005.jpg; image006.jpg

April,

Thank you for pulling together the scenarios. These are extremely helpful. I'm working on getting a new analyst assigned from Load Forecasting. I'll be sure to provide an introduction as soon as I k now who that is.

We need to start talking more about the NLSL determination process. Timing matters here. If, as some of your scenarios contemplate, the crypto load starts coming online in November, then the monitoring period will also need to start at that time as well. I'm confident that we will conduct the process as a Planned NLSL rather than as a potential NLSL. The load clearly is planning to come on at or above 10MWs on a monthly basis.

To start the process, the PUD will need to submit a request to BPA to initiate the NLSL determination process. I will track down a sample letter to give you a head start on drafting. We would likely need this done by the end of September. That way we have time to review and respond to the request. As I have noted a number of times before and will continue to do so… metering is absolutely necessary for us to make the determination. We can get by if there one load or the other operating at the site. At the point both the mill and crypto loads are operating in parallel, there will need to be a way to differentiate between the two. Jared Lacambra, BPA Customer Service Engineer, is planning to reach out to your engineering department to talk about this a bit more. One of his ideas is

to isolate one of the existing meter points to monitor the crypto load. I don't know if this is an option or not, but I'm hopeful a solution can be identified that will work for everyone.

As always, Kate will fill in the blanks or correct me if I've misstated something. Soon as we get all the numbers, I'll look for a time later this week to touch base again to answer any questions and talk about the NLSL process in more detail.

Have a good week!

Mike

From: April Owen <aowen@popud.org>
Sent: Monday, August 30, 2021 11:45 AM
To: Patton,Kathryn B (BPA) - PSS-SEATTLE <kbpatton@bpa.gov>
Cc: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB <sababaidhan@bpa.gov>
Subject: [EXTERNAL] RE: Pend Oreille FY2022 Forecast Breakout 2021-8-18.xlsx

Good morning Kate,

I was wondering where to go next when I got the notification from Andres, so thank you for running the numbers! That was very helpful, as I was not correctly incorporating in my estimates how the months with zero NLSL reduced the overall Net Requirements annual average. Could you run one more scenario for me?

Oct
Nov
Dec
Jan
Feb
Mar
Apr
May
June

July	Aug	Sept
Mill Operations (NLSL)		
0	0	85
85	85	85
85	85	85
85	85	85
Cryptomining (New NLSL)		
0	20	20
20	20	59
59	59	59
59	59	59
Total additional load		
0	20	105

105
105
144
144
144
144
144
144
144
144

We are meeting with the customer this afternoon, so I am hoping to be able to get back to everyone on our final number tomorrow. Thanks for all the help!

April.

From: Patton,Kathryn B (BPA) - PSS-SEATTLE <kbpatton@bpa.gov>
Sent: Monday, August 30, 2021 10:16 AM
To: April Owen <aowen@popud.org>; Cicarelli,Andres A (BPA) - KSL-BELL-1 <aacicarelli@bpa.gov>
Cc: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB <sababaidhan@bpa.gov>
Subject: RE: Pend Oreille FY2022 Forecast Breakout 2021-8-18.xlsx

Hello April,

Just to let you know Andres retired on Friday. Mike is working with our forecasting manager to find out who will be covering his accounts.

In the meantime I was able to mock up new Net Requirement calculations based on your two scenarios. You can reference attached to see the specifics but here is how it breaks down.

Scenario 1:
Annual aMW Net Requirement: 7.896 aMWs

Monthly Block amounts:
October
November
December
January
February
March
April
May
June
July
August
September
2,232
10,094
9,672
13,392
11,424
11,145
720
0
0
2,976
2,976

Monthly Total Power Costs:
$104,174
$296,516
$304,490
$435,058
$409,343
$349,143
$112,752

$96,532
$96,307
$88,557
$94,772
$182,554

Scenario 2:
Annual aMW Net Requirement: 6.354 aMWs
Monthly Block amounts:
October
November
December
January
February
March
April
May
June
July
August
September
2,232
8,652
7,440
10,416
9,408
8,916
720
0
0
2,232
2,232

4,320
Monthly Total Power Costs:
$96,556
$254,788
$232,742
$339,136
$336,285
$279,494
$93,940
$77,681
$77,501
$66,432
$71,041
$154,437

Please let me know if you have any questions.

Kathryn Patton
Public Utility Specialist | Power Account Services
Bonneville Power Administration
bpa.gov | P 206-403-8034 |

From: April Owen <aowen@popud.org>
Sent: Friday, August 27, 2021 4:05 PM
To: Cicarelli,Andres A (BPA) - KSL-BELL-1 <aacicarelli@bpa.gov>
Cc: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>; Patton,Kathryn B (BPA) - PSS-SEATTLE <kbpatton@bpa.gov>
Subject: [EXTERNAL] RE: Pend Oreille FY2022 Forecast Breakout 2021-8-18.xlsx

Hi Andres,

Mike and Kate and I discussed the Net Requirements process, as BPA transmission will need to perform studies at the mill site that will delay their start date. We discussed running through some scenarios to see what difference it made (if any) on the Net Requirements calculation. Not sure if you are the right person for this, but started with you!

Here's what I would like to test:

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Mill Operations (NLSL)	0	0	0	85	85	85	85	85	85	85	85	85
Cryptomining (New NLSL)												

0
0
0
0
0
0
25
25
25
50
50
50
Total additional load
0
0
0
85
85
85
110
110
110
135
135
135

Oct
Nov
Dec
Jan
Feb
Mar

Apr	
May	
June	
July	
Aug	
Sept	
Mill Operations (NLSL)	
0	
0	
0	
0	
80	
80	
80	
80	
80	
80	
80	
80	
Cryptomining (New NLSL)	
0	
20	
20	
20	
20	
20	
20	
20	
20	
20	
20	
Total additional load	

0
20
20
20
100
100
100
100
100
100
100
100

Let me know if I should run this through someone else. Again, I am looking to see if it changes what our annual Net Requirements will be. Otherwise, we will stick with what you have outlined below.

Thanks!
April.

April Owen
Director, Audit, Finance & Power Supply

Public Utility District No. 1 of Pend Oreille County
P.O. Box 190 | 130 N. Washington | Newport, WA 99156
509.447.9321 | aowen@popud.org | www.popud.org

From: Cicarelli,Andres A (BPA) - KSL-BELL-1 <aacicarelli@bpa.gov>

Sent: Friday, August 20, 2021 12:09 PM
To: April Owen <aowen@popud.org>
Cc: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Subject: Pend Oreille FY2022 Forecast Breakout 2021-8-18.xlsx

CAUTION: This email originated from outside of the POPUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi April,

Attached is the revised FY2022 forecast for Pend Oreille based on the PUD's comments. Any thoughts?

Talk to you later,

Andres

From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Tue Aug 31 12:45:45 2021

To: April Owen; Colin Willenbrock (cwillenbrock@popud.org)

Cc: Patton,Kathryn B (BPA) - PSS-SEATTLE; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Moore,Lisa A (BPA) - PSSE-MEAD-GOB; Harris,Adelle L (TFE)(BPA) - TSES-TPP-2; Lacambra,Jared M (BPA) - TPCF-MEAD-GOB

Subject: Checking In- New Large Single Load (NLSL) Information

Importance: High

Attachments: External_NLSL-Presentation_Slice or Block.pptx; FacilityDeterminationRequestLetterExample_draft.docx; Checklist.pdf; image001.jpg; image002.jpg; image003.jpg; image004.jpg; image005.jpg; image006.jpg

Good Afternoon April,

Passing along information regarding what is required for BPA to begin a NLSL determination. As noted in our call last week, we currently driving towards an agreed to Net Requirement for FY 2022. The scenarios you provided us late last and early yesterday should help us get there. This will be my main focus for the discussion tomorrow afternoon. With that said, the NLSL determination/monitoring process also needs to start warming up. Much will depend on the sequencing for how the mill and crypto load comes online. The sooner the crypto load comes online, the faster we need to be in getting the NLSL determination up and running.

Three documents are attached.

1. NLSL Presentation– note: we are assuming a Planned NLSL for the Crypto Load
2. Letter Template for requesting a NLSL determination
3. Checklist for types of information we will need – Note: there's a ton of detail required. We'll work with you as the information becomes available…

My preference is that we get the Net Requirement finalized and then quickly switch gears to the NLSL determination process. The first step being the PUD sends us a letter requesting the process to begin. We then respond with an acknowledgement and a request for additional information (this is largely covered in the attached checklist). I'll do everything in my power to keep this as simple as possible for the PUD. I know how busy you all are.

If time allows, we will touch on the NLSL process tomorrow. Adelle Harris from Transmission will also be on the call. Look forward to the discussion!

Mike

Michael R. Normandeau
Account Executive | PSE – Power Services
Bonneville Power Administration
bpa.gov | P 406-676-2669 | C (b)(6)

New Large Single Load (NLSL)

NLSL Definition

- Per Section 3(13) of the Northwest Power Act, a New Large Single Load (NLSL) is:
  - Any load that grows by 10 aMW or more in any consecutive 12-month period provided that
    - the load was ***not*** contracted for, or committed to be served (as determined by the Administrator) by a public body, cooperative, investor-owned utility, or Federal agency customer prior to September 1, 1979. Also known as a CFCT load.
    - Occurred at a ***single facility***, as determined by BPA.
- 10 aMW means a single facility takes an additional 87,600,000 kWh (non leap year) during a consecutive 12-month period.
- A end-use consumer may have multiple facilities. The individual facilities will have separate monitoring periods and will be measured independently of each other.

Why Were NLSLs Created

- Why did Congress write into the Regional Act provisions regarding NLSLs?

1. Protect industry in other parts of the country by eliminating rate enticements to relocate to the Pacific Northwest.

2. To preserve the benefits of the Federal Columbia River Power System (FCRPS) for residential and small-farm customers of public utilities in the Pacific Northwest.

3. To discourage migration of investor-owned utility (IOU) industrial customers to public utilities.

Why Does the NLSL Designation Matter?

- BPA has a statutory obligation to monitor loads to determine if they are NLSLs.
- BPA cannot serve NLSLs at BPA's lowest Preference (PF) Rates.
- BPA has a statutory obligation to serve NLSLs, if requested, but only at the New Resource (NR) rate.
  - BPA's NR Rate constitutes a 7(b)(3) Rate Supplement, which in BP-18 is about $80 per MWh.
- Customers also can elect to serve NLSLs with non-federal resources.

How is a NLSL Measured and Determined?

Monitoring Timeline

- Utility notifies BPA of a Potential NLSL.
- Utility request a Facility Determination letter from BPA
- BPA sends a response to the request for a Facility Determination letter and request information, including a Plan of Service for the new load
- Utility submits Plan of Service letter to BPA
- BPA conducts site visit(s) of proposed facilities.
- BPA send a Facility Determination letter and the parties establish the monitoring period.
- BPA updates Exhibit A and Exhibit D.
- BPA starts monitoring the load.

Facility Determination

- The statute defines a NLSL as a *single facility,* so determining what makes up a single facility is very important

  – Facilities Determinations – factors to be considered

    1. Is the load operated by a single consumer?
    2. Is the load at a single location? In a single building?
    3. Does the load serve a manufacturing process which produces a single product or type of product?
    4. Are separable portions of the load interdependent?
    5. Is the load contracted for, billed or served as a single load under the utility's customary billing and service policy?
    6. Are there applicable precedents?
    7. Any other relevant factors as determined by the Parties

Monitoring Period

- Start of Utility Service:
  - The date of first utility service to a preexisting load. This option applies in situations in which an existing load of 10 aMW or more is "taken over" in a merger, annexation or similar situation. Here the load is a NLSL from the day the "new" utility begins service.
- Initial Energization:
  - The date of initial energization (for test and start up) with BPA's consent. In this instance BPA and the utility agree on a date on which the construction at the site is substantially complete and production equipment is being energized for test and startup.
- Commercial Operation:
  - The date of commercial operation (actual production).
- Alternative Agreed Upon Date:
  - BPA and the utility agree that the new load will start at 10 aMW or more in its first year of operation so that the load is subject to NLSL treatment from the date it starts operating. Load growth measured from date of commercial operation.

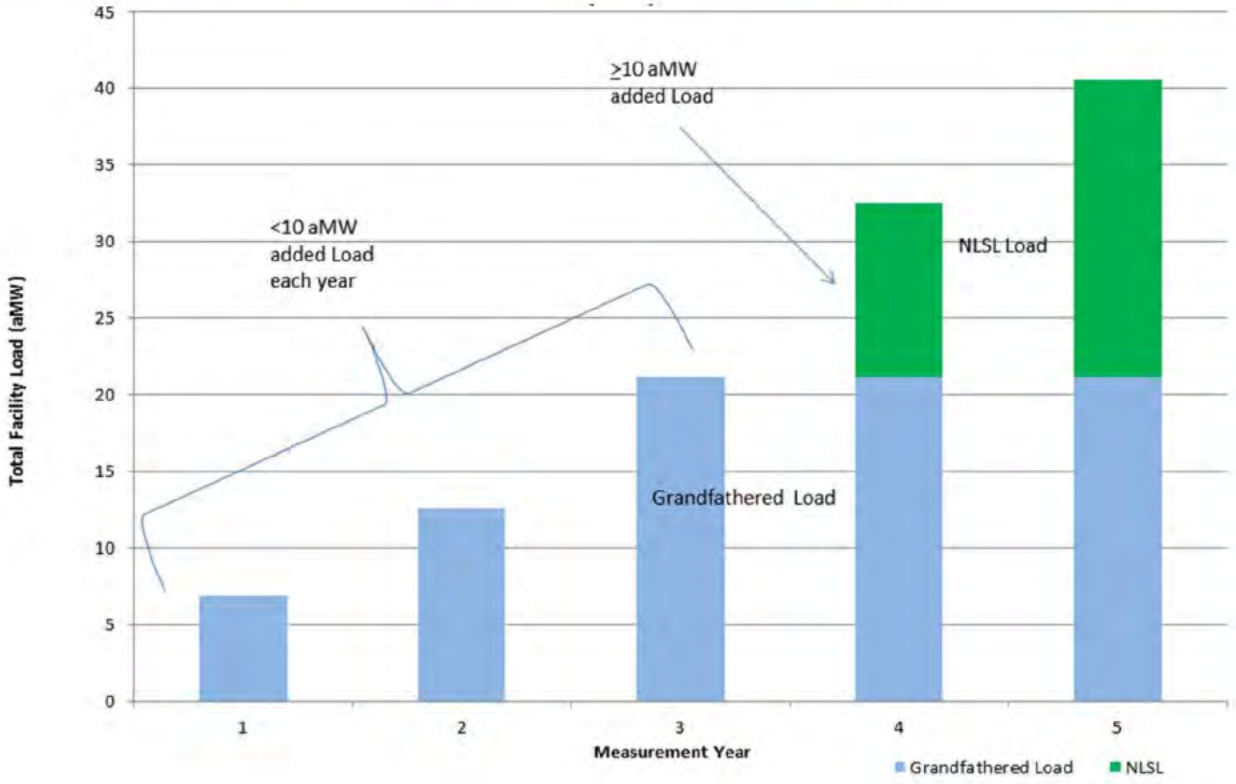
At the End of a Monitoring Period

- If the facility, as defined in the Facility Determination letter grows by more than 87,600,000 kWh during the year, then the load is a NLSL.
  - BPA sends a letter notifying the utility that their load is an NLSL and updates exhibit D.

- If the facility does not grow by more than 87,600,000 kWh during the year, the load is not a NLSL (yet).
  - BPA continues to monitor the load during the next monitoring period.
  - BPA calculates the Grandfathered Load amount for prior monitoring period.
  - If the load grows by more than 10 aMW above the Grandfathered Load in the following monitoring period, the load becomes an NLSL.

Grandfathered Load

- Grandfathered Load – means the cumulative total of the load growth of a Potential NLSL or Planned NLSL which is less than 10 aMW in any 12-month monitoring period
- Grandfathered Load is eligible for service at the PF rate.



Planned vs Potential NLSL

How to Serve the Load Prior to NLSL Determination

- Once a load at a facility is deemed to be a possible NLSL, which will be monitored for NLSL purposes the serving utility must decide how the load to be monitored shall be characterized in the utility's Exhibit D, Section 1.
  - Potential NLSL –Utility and BPA agree the load at the facility is expected to grow by ***less*** than 10 aMW during the facility's next 12-month monitoring period. But, BPA monitors the load because it *could* grow by 10 aMW or more.
  - Planned NLSL – Utility and BPA agree the load at the facility is expected to grow by ***at least*** 10 aMW during the facility's next 12-month monitoring period. BPA treats the load as if it is an NLSL and then checks to see if it is not.

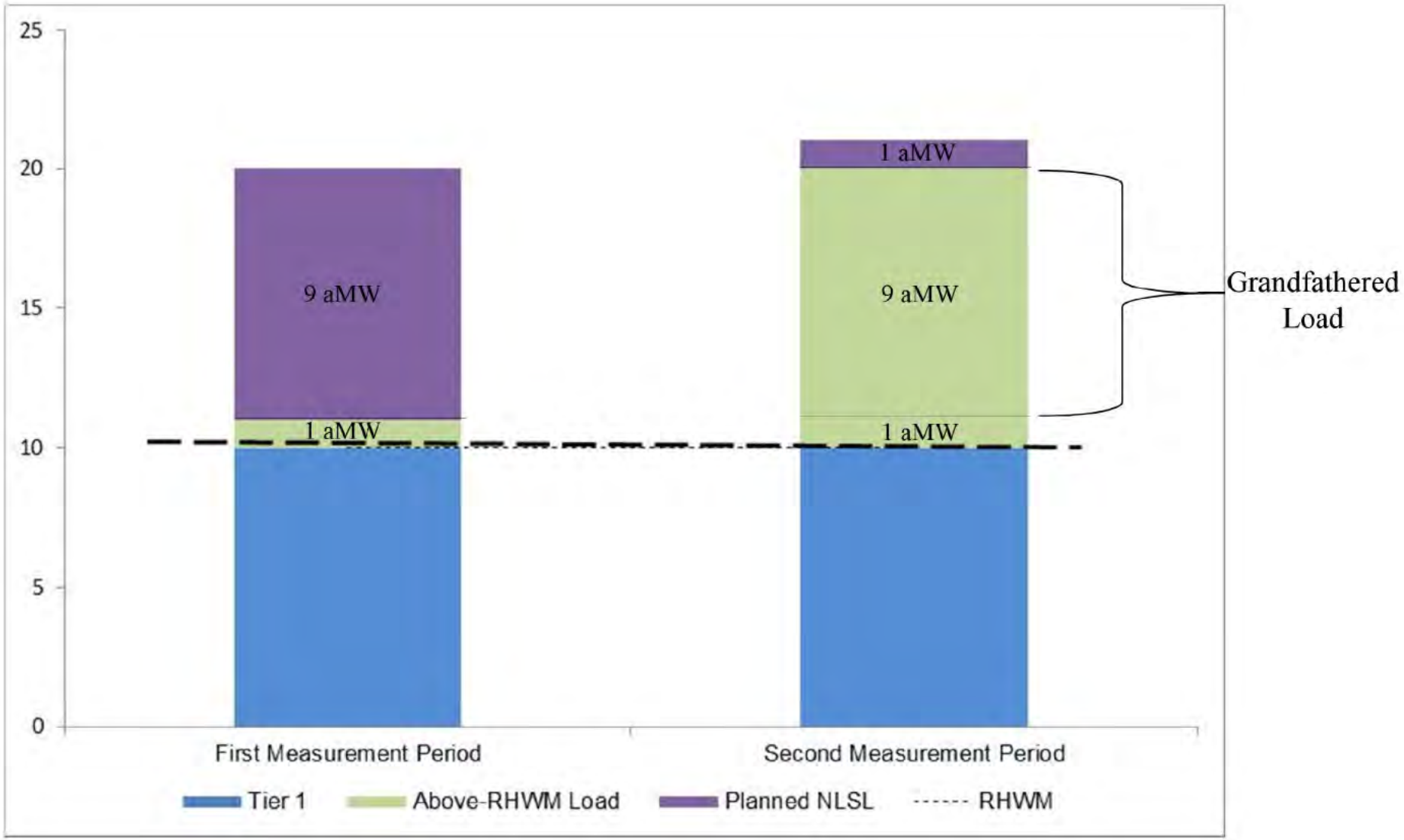
- Please note that neither Potential NLSL nor Planned NLSLs are in fact NLSLs.

Potential/Planned if Above RHWM

	Abvove RHWM	
	Potential NLSL	Planned NLSL
Served with	PF or Non Federal [1]	Non Federal Resource
Back Bill Possible?	Yes	No
Liquidated Damages Possible?	No	Yes

[1]Service would be based on customer Above RHWM load election.

Grand Father Load and Planned NLSL



Potential/Planned if Below RHWM

	Below RHWM	
	Potential NLSL	Planned NLSL
Served with	PF	Non Federal Resource
Back Bill Possible?	Yes	No
Liquidated Damages Possible?	No	Yes

Liquated Damages

- Customers will be subject to liquidated damage if the following applies:
  - Customer's load is below its RHWM
  - Customer is serving a Planned NLSL with Non-Federal resources
  - The Planned NLSL does not breach 10 aMW in the given monitoring period

- BPA will charge the customer liquidated damages to recover the revenue for power that the customer otherwise would have purchased from BPA at the PF rate.

Serving a Planned NLSL or NLSL

NR Rate or Non-Federal Resource

- Per the Act, BPA can only serve a NLSL at the New Resources (NR) Rate.
  - In BP-18, the NR rate is about $80/MWh.
  - **As part of the RD power sales contract, Slice/Block and Block waived their right to purchase at the NR rate.**
- An utility can elect to serve its NLSL with non-federal resource not designated to serve other retail load.
- Since BPA treats a Planned NLSL as if it was already an NLSL, a utility can also serve a Planned NLSL load with a non-federal resource.

Non-Federal Resource(s) Used to Serve Planned NLSL or NLSL

- If an utility elects to serve its Planned NLSL or NLSL with non-federal resources, it must dedicate resource(s) equal to the forecasted load for the upcoming monitoring period.
- The forecasted load will subtracted from TRL, along with all existing resources, to calculate the utilities annual Net Requirement. This ensure that no PF power is used to serve the Planned NLSL or NLSL on a planned basis.

Dear «Account Executive»,

«Customer Long Name» («Customer Name») is requesting that BPA make a Facility Determination under BPA's New Large Single Load (NLSL) Policy for the «Name of site and load». The site is and is expected to come online on «Date». Initially, «Name of load» will be capable of consuming «##» MW. Our load forecast for this site was submitted to BPA by email on «Date» and included the amounts that we propose to serve as a Planned NLSL.

. We have included preliminary information to assist BPA in making the Facility Determination for the «Name of site» site as attachments to this letter. We hope that the Facility Determination can be concluded in advance of «Date» so that «Name of load» and «Customer Name» can move ahead with sure knowledge of this load's treatment under BPA's NLSL Policy. To this end, we commit to providing BPA whatever data is requested as quickly as possible.
«Customer Name» intends to bring non-federal resources to serve the NLSL served by «Customer Name».

Information Provided to Aid BPA in the NLSL Facility Determination

1) Whether the load is operated by a single end-use consumer.

   Yes, the load at the «Name of site» site is operated by a single end-use customer, «Name of load», a subsidiary of «Name of developer». «Name of load» is a corporation organized under the laws of the «State».

2) Whether the load is in a single location.

   «Yes/No», the load is in a single location.

   A legal description of the «Name of site» site is as follows:

   «A tract of land located in «legal description of site»».

3) Whether the load serves a manufacturing process which produces a single product or type of product.

   «Description of sites product and process»

4) Whether separable portions of the load are independent.

5) Whether the load is contracted for, served or billed as a single load under «Customer Name»'s customary billing and service policy.

6) Consideration of facts from previous similar situations.

7) Any other factors that Parties deem to be relevant.

Facility Request Letter Checklist

Requirement	Included in Letter?
1. The Letter should be addressed to the relevant Account Executive.	☐
2. In the letter state that the utility believes it has a new load that potentially could become an NLSL (at least 10 MVA of transformation capacity dedicated to the new load), or planned size of the new load.	☐
3. A request for the facility determination under BPA's NLSL Policy.	☐
4. A statement naming the developer.	☐
5. A statement the utility realizes that all production load occurring within a designated facility is load at a single facility.	☐
6. Best estimate of when the load will be active.	☐
7. A legal description (metes and bounds) of the real estate involved.	☐
8. A description of the plan of metering.	☐
9. A description of the Plan of Service, including all nearby substations.	☐
10. A one-line diagram.	☐
11. Any other relevant details e.g. identified transmission issues.	☐
12. Utility's best estimate of the following:	
a. whether the load is operated by a single Consumer;	☐
b. whether the load is in a single location;	☐
c. whether the load serves a manufacturing process which produces a single product or type of product;	☐
d. whether separable portions of the load are interdependent;	☐
e. whether the load is contracted for, served or billed as a single load under the individual Purchaser's customary billing and service policy;	☐
f. consistent application of the foregoing criteria in similar fact situations; and	☐
g. any other factors the parties determine to be relevant.	☐

From: Colin Willenbrock

Sent: Thu Sep 09 08:28:59 2021

To: Normandeau,Mike (BPA) - PSE-RONAN; April Owen; Tyler Whitney

Cc: Moore,Lisa A (BPA) - PSSE-MEAD-GOB; Patton,Kathryn B (BPA) - PSS-SEATTLE; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB

Subject: [EXTERNAL] RE: Net Requirement Extension Request - Please Respond

Importance: Normal

Attachments: image001.jpg; image002.jpg; image003.jpg; image004.jpg; image005.jpg; image006.jpg

Mike,

Pend Oreille PUD agrees to the requested extension of time for revisions to Exhibit A and Exhibit C to on or before September 30, 2021.

Thank you,

Colin

F. Colin Willenbrock

General Manager

Public Utility District No. 1 of Pend Oreille County

P.O. Box 190 | 130 N. Washington

Newport, Washington 99156
509.447.3137 | cwillenbrock@popud.org | www.popud.org

From: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Sent: Wednesday, September 8, 2021 4:55 PM
To: Colin Willenbrock <cwillenbrock@popud.org>; April Owen <aowen@popud.org>
Cc: Moore,Lisa A (BPA) - PSSE-MEAD-GOB <lamoore@bpa.gov>; Patton,Kathryn B (BPA) - PSS-SEATTLE <kbpatton@bpa.gov>; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB <sababaidhan@bpa.gov>
Subject: Net Requirement Extension Request - Please Respond
Importance: High

Dear Colin,

BPA and Pend Oreille are currently working together to determine Pend Oreille's Net Requirement for Fiscal Year 2022. With the paper mill returning to service and the addition of crypto load that is expected to be a Planned New Large Single Load (NLSL) being served by Pend Oreille, BPA is requesting additional time to finalize the forecast and complete the Net Requirement calculation. The Regional Dialogue contract stipulates that BPA provide revisions to Exhibit A and Exhibit C by September 15th, we may not be able to provide the revisions by that date. BPA will provide the revisions to you on or before September 30, 2021.

If this is acceptable, would you please reply with your acceptance.

Respectfully Yours,

Michael Normandeau

Michael R. Normandeau

Account Executive | PSE – Power Services

Bonneville Power Administration
bpa.gov | P 406-676-2669 | C (b)(6) [redacted]

Pend Oreille County Public Utility District #1

From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Tue Sep 14 08:06:54 2021

To: Patton,Kathryn B (BPA) - PSS-SEATTLE; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Moore,Lisa A (BPA) - PSSE-MEAD-GOB

Subject: FW: Pine Street to Usk 115kV line

Importance: Normal

Attachments: image001.jpg; image003.jpg

Things are getting a bit more interesting on the Transmission side…

From: Walker,Nichloas P (BPA) - TFSB-BELL <npwalker@bpa.gov>
Sent: Tuesday, September 14, 2021 8:00 AM
To: Lacambra,Jared M (BPA) - TPCF-MEAD-GOB <jmlacambra@bpa.gov>; Daufel,Thomas E (CONTR) - TPCR-TPP-4 <tedaufel@bpa.gov>
Cc: Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>; Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>; Wong,James (TFE)(BPA) - TOOP-MEAD <jxwong@bpa.gov>; Stevenson,Audrey C (TFE)(BPA) - TOOP-MEAD <acstevenson@bpa.gov>; Mendez-Sierra,Akira M (BPA) - TPPC-OPP-3 <ammendezsierra@bpa.gov>
Subject: RE: Pine Street to Usk 115kV line

I don't know the answers to these questions but I'm pretty sure they had the capability to carry a portion of the PNC load when we had outages but that was in rare situations. Sounds like they are wanting to do this continuously so that the new plant owners can increase their load over what PNC load traditionally was.

From: Lacambra,Jared M (BPA) - TPCF-MEAD-GOB <jmlacambra@bpa.gov>
Sent: Monday, September 13, 2021 10:41 AM
To: Daufel,Thomas E (CONTR) - TPCR-TPP-4 <tedaufel@bpa.gov>
Cc: Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>; Normandeau,Mike (BPA) - PSE-RONAN

<mrnormandeau@bpa.gov>; Wong,James (TFE)(BPA) - TOOP-MEAD <jxwong@bpa.gov>; Stevenson,Audrey C (TFE)(BPA) - TOOP-MEAD <acstevenson@bpa.gov>; Walker,Nichloas P (BPA) - TFSB-BELL <npwalker@bpa.gov>; Mendez-Sierra,Akira M (BPA) - TPPC-OPP-3 <ammendezsierra@bpa.gov>
Subject: RE: Pine Street to Usk 115kV line

Nick, James and Audrey,

POPUD just pinged me to ask about moving 50 MW across their Pine street to Usk 115kV line the old PNC site. I wanted to make sure it ran across your desk. They have a questions down below. I'm not sure if would it would trigger a system impact study since it's not actually an interconnection request.

Interested in hearing everyone's takes.

Thanks

Jared Lacambra
Customer Service Engineer | TPCF-MEAD-GOB
Bonneville Power Administration | Department of Energy
1620 E. Hawthorne Rd.
Mead, WA, 99021
jmlacambra@bpa.gov
(509) 822-4605 (office)

From: Lacambra,Jared M (BPA) - TPCF-MEAD-GOB
Sent: Monday, September 13, 2021 9:47 AM
To: Daufel,Thomas E (CONTR) - TPCR-TPP-4 <tedaufel@bpa.gov>
Subject: FW: Pine Street to Usk 115kV line

Hey Tom,

Any guidance on Dave's TOP questions?

Jared

From: David Hodder <DHodder@popud.org>
Sent: Monday, September 13, 2021 9:39 AM
To: Lacambra,Jared M (BPA) - TPCF-MEAD-GOB <jmlacambra@bpa.gov>
Subject: [EXTERNAL] Pine Street to Usk 115kV line

Hi Jared,
We are looking at our Pine St to Usk 115kV line. The PUD would like to carry up to 50 MW to the PNC / Allrise site.
My questions are:

1. Does BPA have to do a study on this as our TOP?
2. If so, is there a threshold that we can carry that will not trigger a study?
3. From an operations perspective what limits if any would BPA like us to impose for system reliability and contingency planning if any?

Thanks,
Regards,

DAVID J HODDER P.E.
Engineering Manager
Phone 509 447-3137
Cell (b)(6)
Public Utility District No. 1 of Pend Oreille County
P.O. Box 190 | 130 N. Washington
Newport, Washington 99156

Pend Oreille County Public Utility District #1

Massive cryptocurrency mining operation planned at former Ponderay Newsprint mill

Thu., Sept. 16, 2021

By Thomas Clouse tomc@spokesman.com(509) 459-5495

Related stories

- Cryptocurrency explained

The new owners of the shuttered Ponderay Newsprint in Usk, Washington, have formally requested enough power to restart the mill and build what could be one of the largest cryptocurrency mining operations in the country.

Allrise Capital Inc., based in Irvine, California, won an auction in April to purchase the mill for $18.1 million. The mill was one of the largest employers in Pend Oreille County when it closed last year after its previous owners filed for bankruptcy.

Todd Behrend, who remained with a skeleton crew to maintain the plant until it sold, has been hired as the CEO of Ponderay Industries LLC. Behrend confirmed the new owners hope to refit the mill to make cardboard packaging as well as add stacks of computers needed for cryptocurrency mining.

"Right now, we are waiting for the (Bonneville Power Administration, or BPA) to decide whether and how much power we can have delivered here," Behrend said. "That will drive all the decisions."

Colin Willenbrock, general manager of Public Utility District No. 1 of Pend Oreille County, said the mill has asked to restore the 85 average megawatts a month of electricity to restart the mill and another 220 average megawatts a

month for Blockchain LLC, which is the proposed data center to mine for cryptocurrency.

For scale, Willenbrock said his small PUD averages 35 megawatts a month to provide electricity to about 9,000 commercial and residential customers. The Ponderay request would mean the mill site could receive about 10 times the electricity as all of the PUD's other customers combined.

"This is a pretty big load in the middle of a rural service territory," Willenbrock said. "There is a reason we need to study it and make sure our partners are comfortable."

Even if the request was simply to restart the mill, that proposal would require a review by several agencies, he said.

"The customers have an aggressive timeline to get it ramped up. Like most customers, they need it yesterday," Willenbrock said. "But with any significant load increase of this magnitude … we can't just flip the switch and turn it back on."

He said the mill has been shut down for more than a year and all the pre-existing infrastructure needs to be checked. New equipment would then need to be installed to handle the power for the cryptocurrency mining, he said.

Behrend initially had hoped to get started by Oct. 1, but that timeline has been pushed back to November or early next year, depending on approval.

"I understand Todd's frustration," Willenbrock said. "The public doesn't tend to understand how the greater grid works, and how new loads come on and off, and how all that needs to be analyzed so we can maintain adequate service."

Replacing jobs

The mill previously was jointly owned by Lake Superior Forest Products, a subsidiary of Quebec-based Resolute Forest Products, and five major U.S. publishers.

The 927-acre property consists of 29 buildings and storage facilities that were built adjacent to the Pend Oreille Valley Railroad and Pend Oreille River.

When it closed, the mill laid off 150 workers.

Behrend said he hopes the mill will rehire most of those workers. He said the data mining center could also eventually hire about that many as well, doubling the number of workers the plant employed when it closed.

"A lot of things have to fall into place," Behrend said. "But it would be a very substantial operation and certainly a premier employer in the county again."

Grant Forsyth, chief economist for Avista Corp., said the stated plans for reopening the mill and creating a cryptocurrency mining operation would be a huge lift for Usk.

"To lose that many jobs at once for a county that size, that was kind of a big deal," Forsyth said.

He said many questions remain about who the plant would hire back and for what pay.

"As they kind of shift where people are working, in terms of what they are doing, is the average pay higher, the same or lower?" he said. "That's something hard to see at the beginning."

Forsyth also said it will be interesting to see whether the owners hire local community members to work at the data mining operation or bring them in from elsewhere.

Power supply

Behrend indicated the company was having supply-chain problems securing the computers needed to operate a major cryptocurrency mining operation.

However, he confirmed plans call for creation of one of the largest data centers in the country.

"We are in the process of trying to build out a very small one and exploring the feasibility of a much larger operation," he said.

The largest cryptocurrency mining operation is Whinstone Inc. in Rockdale, Texas, according to the Washington Post. The Whinstone site currently uses about 300 average megawatts a month and has plans to expand to 750 megawatts by next year.

As for the planned data center in Usk, the Pend Oreille PUD does not have the capacity to supply the new power request, Willenbrock said.

The PUD gets about 90 average megawatts from the Box Canyon Dam. It gets another 48 average megawatts from Seattle City Light-Boundary Dam, and it is allocated 25 megawatts from the BPA, he said.

“Absolutely we could handle that,” Willenbrock said of the Ponderay power request. “But, we wouldn’t be able to source all that power internally.

“Whatever the net difference is would need to be purchased from a third-party marketer,” he continued. “That would come from any number of sources from the region.”

FY2022 Annual Net Requirement Calculations and Block Amounts

Prepared by BPA, July 28, 2021

Customer Name	PEND OREILLE PUD
BES Number	10306
Fiscal Year	2022
Hours	8,760

Step 1: Above-RHWM Load Calculation

(in annual aMW)

TRL Forecast 1/	178.835
NLSL Resources 2/	144.888
Existing Resources 3/	10.476
Gross Requirements 4/	23.471
RHWM 5/	24.581
Headroom 6/	1.110

Notes:

1/ TRL Forecast submitted by customer and approved by BPA (or BPA forecast if customer submitted forecast deemed not reasonable.)

2/ If NLSL see page 3 for additional calculations.

3/ Existing Resources are from Exhibit A and do not include resources serving NLSLs. Existing Resources can be removed in the second year of a Rate Period. See page 3 for removal of Existing Resource calculations.

4/ Gross Requirements is a preliminary Net Requirement calculation (preliminary since New Resources to serve Above-RHWM Load have not yet been added.)

5/ RHWM is from RHWM Process Outputs spreadsheet published on September 28, 2012, with updates for Provisional HWM if necessary.

6/ Headroom, if RHWM is greater than Gross Req,

Step 2: Annual Net Requirement Calculation

(in annual aMW)

Gross Requirements 7/	23.471
New Resources 8/	0.000
Net Requirements (NR) 9/	23.471
Tier 2 Block Amounts 10/	0.000

Notes:

7/ Gross Requirements from Step 1.

8/ New Resources equal Above-RHWM Load less T2 Amounts. If customer has New Specified Resources and T2 Block Amounts that sum to an amount greater than the customer's Above-RHWM Load, then the customer needs to determine the order of resource removal/T2 remarketing per section 10 of the body of the Slice/Block Contract.

9/ Net Requirements equals Gross Requirement Amounts less New Resources.

10/ T2 Amounts based on customer's election made by the September 30, 2011 Notice Deadline.

If T2 Amounts, then amounts go into section 2.5 of Exhibit C.

T2 Amounts plus T1 Amounts equal Net Requirements.

Step 3: Critical Slice & Block Am

(in annual aMW)

Tier 2 Block Amounts

Tier 1 Block Amounts 11/

Net Requirements

TOCAs 12/

Sum of RHWM

Non-Slice TOCA

TOCA

Notes:

11/ Tier 1 Block Amounts equal Net Annual Tier 1 Block Amounts (in aM

12/ TOCA equals minimum of Net R divided by the Sum of RHWM. Sum Non-Slice TOCA equals TOCA.

Above-RHWM Load, if RHWM is less than Gross Req.		

Monthly Net Requirement Calculations (with Block Amounts)

Prepared by BPA, July 28, 2021

	October	November	December	January	February	March	April
Hours	744	721	744	744	672	743	720
Step 4: Monthly Tier 1 Block Amount Calculations							
Monthly Block Shaping Factors	0.034	0.149	0.135	0.190	0.168	0.159	0.010
Monthly T1 Block Amounts (MWh)	6,991	30,635	27,757	39,065	34,542	32,691	2,056
Monthly T2 Block Amounts (MWh)	0	0	0	0	0	0	0
13/ Exhibit C, Section 1.2.1.4 states that monthly Tier 1 Block amounts in MWh are equal to the Monthly Shaping Factors * Shaping Factors are in Exhibit C, Section 1.2.13							
Diurnal Shaping Factors							
Monthly Block HLH Shaping Factors	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Monthly Block LLH Shaping Factors	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14/ Diurnal Shaping Factors per Exhibit C, Section 1.2.2.4 if customer elected Tier 1 Block within-month shaped to their Net							
Total - T1 Block Amounts (MW/hr)	9.0	42.0	37.0	53.0	51.0	44.0	3.0
HLH - T1 Block Amounts (MW/hr)	9.0	42.0	37.0	53.0	51.0	44.0	3.0
LLH - T1 Block Amounts (MW/hr)	9.0	42.0	37.0	53.0	51.0	44.0	3.0
15/ Shaped within-month Block Amounts arre megawatt per hour amounts equal to the monthly MWh amounts calculated and rounded to a whole number. Flat within-month Block Amounts are megawatt per hour amounts equal to the monthly M rounded to a whole number. The diurnal amounts go into section 1.3 of Exhibit C. Due to rounding the total megawatt-hou							
Tier 1 and Tier 2 Block Amounts (MWh)	6,696	30,282	27,528	39,432	34,272	32,692	2,160

Step 5: Net Requirement Calculations (and Unspecified Resources Amounts)							
	25	115	115	140	140	140	165
TRL Forecast Energy (MWh)	40,760	113,149	122,756	140,014	123,740	132,011	141,981
TRL Forecast Peak (MW)	74.9	210.7	218.1	248.3	238.6	231.7	250.9
NLSL Resources (MWh)	18,600	82,915	85,560	104,160	94,080	104,020	118,800

Existing Resources (MWh)	54,238	2,905	3,594	3,073	2,574	2,846	3,802
Monthly Gross Requirements (MWh)	-32,078	27,329	33,602	32,781	27,086	25,145	19,379

16/ TRL Forecast submitted by customer and approved by BPA (or BPA forecast if customer forecast not approved.) TRL For
Existing Resources from Exhibit A. Monthly Gross Requirements equals TRL less NLSLs and Exisiting Resources. Need to add

New Specified Resources (MWh)	0	0	0	0	0	0	0
New Specified Resources (aMW)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Unspecified Resource Amts (MWh)	0	0	0	0	0	0	0
Unspecified Resource Amts (aMW)	0.000	0.000	0.000	0.000	0.000	0.000	0.000

17/ New Specified Resouces can be added to serve Above-RHWM Load. If customer must dedicate New Specified Resource
then customer may do so but the amounts will be reduced to match the Above-RHWM Load. If New Specified Resources we

Net Requirement Forecast (MWh)	(32,078)	27,329	33,602	32,781	27,086	25,145	19,379

18/ Net Requirements equals TRL less NLSLs, Existing Resources, New Resources (Specified and Unspecified), and plus T2 Ar

NLSL Calculations (if applicable)

Prepared by BPA, July 28, 2021

	October	November	December	January	February	March	April
NLSL Forecast (MWh)	18,600	82,915	85,560	104,160	94,080	104,020	118,800
Resources Serving an NLSL (MWh)	42,751	41,372	42,751	42,751	38,614	42,751	41,372
Change to NLSL Resources (MWh)	-24,151	41,543	42,809	61,409	55,466	61,269	77,428
Updated Resources Serving NLSL (MWh)	18,600	82,915	85,560	104,160	94,080	104,020	118,800

18/ Original resource amounts from Exhibit A. Update NLSL resources in Exhibit A to match NLSL forecast.

Change to Existing Resources (MWh)	24,151	-8,536	-18,509	-8,158	-4,344	-4,194	-29,566
Change to Existing Resources (aMW)	32.461	-11.839	-24.878	-10.965	-6.464	-5.645	-41.064
Updated Total Existing Resources (MWh)	54,238	2,905	3,594	3,073	2,574	2,846	3,802
Updated Total Existing Resources (aMW)	72.901	4.029	4.831	4.130	3.830	3.830	5.281

19/ If customer has a single resource split amongst NLSL and non-NLSL load, then balance the single resource amounts to r

Removal of Existing Resources in Second Year of Rate Period (if applicable)

Prepared by BPA, July 28, 2021 | 0 | 1st Year = 0, Second Year = 1

[redacted]

[redacted]

29/ Existing Resource Removal for Subsequent Fiscal Years of Each Rate Period (section 10.5 of the Slice/Block Contracts) is applicable for customers that have Existing Reso
that is less than the preliminary Net Requirement in the first year of a rate period. Preliminary Net Requirement means BPA's forecast of Customer's Net Requirement for ea

Customer Specific Data for Fiscal Year		2021	2021	2021	2022	2022	2022	2022
Prepared by BPA, July 28, 2021		10	11	12	1	2	3	4
RHWM	24.581	416	400	416	400	384	432	416
		328	321	328	344	288	311	304
BES Number	10306							
T2 Block Amounts	0							
TRL Forecast - Energy (MWh)		40,760	113,149	122,756	140,014	123,740	132,011	141,981
TRL Forecast - Peak (MW)		74.882	210.683	218.092	248.264	238.629	231.683	250.870
NLSL Forecast		18,600	82,915	85,560	104,160	94,080	104,020	118,800
Existing		30,087	11,441	22,103	11,231	6,918	7,040	33,368
New		0	0	0	0	0	0	0
NLSL		42,751	41,372	42,751	42,751	38,614	42,751	41,372
Block Shaping Factors		0.034	0.149	0.135	0.190	0.168	0.159	0.010
HLH Shaping Factors		0.559	0.555	0.559	0.538	0.571	0.581	0.578
LLH Shaping Factors		0.419	0.445	0.462	0.441	0.425	0.440	0.422
[redacted]								
Existing Resource Removal Shape		0.119	0.039	0.084	0.037	0.020	0.019	0.133
New Resource Removal Shape		0.000	0.000	0.000	0.000	0.000	0.000	0.000

Customer Charges and Load Shaping Charges
Prepared by BPA, July 28, 2021

	October	November	December	January	February	March	April
HLH by Month	416	400	416	400	384	432	416

LLH by Month	328	321	328	344	288	311	304
RHWM T1 System Capability HLH (MWh)	2,920,790	3,537,945	3,223,873	2,651,580	2,346,690	2,961,839	2,307,314
RHWM T1 System Capability LLH (MWh)	1,633,134	2,227,488	2,419,335	2,009,470	1,693,144	1,860,906	1,436,906
BP-22 Final Proposal Rates							
Composite Rate (TOCA) ($$/%)	$1,998,417	$1,998,417	$1,998,417	$1,998,417	$1,998,417	$1,998,417	$1,998,417
Non-Slice Rate ($$/%)	($329,943)	($329,943)	($329,943)	($329,943)	($329,943)	($329,943)	($329,943)
Slice Rate ($$/%)	$0	$0	$0	$0	$0	$0	$0
Load Shaping - HLH ($$/MWh)	$29.92	$31.71	$38.76	$34.29	$34.79	$27.57	$20.71
Load Shaping - LLH ($$/MWh)	$28.27	$29.14	$32.05	$25.85	$28.29	$28.44	$25.66
Financial Reserves Policy Surcharge	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Financial Reserves Policy Amount	$0.0	$-Millions					
Financial Reserves Policy Surcharge	$0.00						
FY2022 Billing Determinants							
TOCA %	0.34842%	0.34842%	0.34842%	0.34842%	0.34842%	0.34842%	0.34842%
Non-Slice TOCA %	0.34842%	0.34842%	0.34842%	0.34842%	0.34842%	0.34842%	0.34842%
Load Shaping - HLH (MWh)	-6,433	4,473	4,159	11,961	11,408	8,688	-6,791
Load Shaping - LLH (MWh)	-2,738	5,721	3,707	11,231	8,789	7,200	-4,094
FY2022 Tier 1 Power Charges without Low Density Discounts or Irrigation Rate Discounts							
Composite Charge	$696,289	$696,289	$696,289	$696,289	$696,289	$696,289	$696,289
Non-Slice Charge	($114,959)	($114,959)	($114,959)	($114,959)	($114,959)	($114,959)	($114,959)
Load Shaping - HLH	($192,464)	$141,842	$161,218	$410,155	$396,873	$239,538	($140,645)
Load Shaping - LLH	($77,408)	$166,710	$118,795	$290,311	$248,634	$204,775	($105,064)
Financial Reserves Policy Surcharge	$0	$0	$0	$0	$0	$0	$0
Total	$311,458	$889,882	$861,343	$1,281,796	$1,226,837	$1,025,643	$335,621
Steps in calculating Load Shaping Billing Determinants							
System Shaped Load HLH (MWh)	10,177	12,327	11,233	9,239	8,176	10,320	8,039
System Shaped Load LLH (MWh)	5,690	7,761	8,429	7,001	5,899	6,484	5,006
Actual Tier 1 Load HLH (MWh)	3,744	16,800	15,392	21,200	19,584	19,008	1,248
Actual Tier 1 Load LLH (MWh)	2,952	13,482	12,136	18,232	14,688	13,684	912

ıounts (with TOCAs)
0.000
23.471
23.471

6736.361

0.34842%
0.34842%

: Requirement less Tier 2 Amounts.
1W) go into section 1.1 of Exhibit C.
tequirement or RHWM,
ı of RHWM in cell J18.

May	June	July	August	September	ANNUAL	*aMW*
744	720	744	744	720	8,760	
0.000	0.000	0.038	0.039	0.078	1.000	
0	0	7,813	8,019	16,037	205,606	*23.471*
0	0	0	0	0	0	*0.000*

Annual Tier 1 Block Amounts in aMW (see Step 3) * Hours in Fiscal Year

N/A	N/A	N/A	N/A	N/A		
N/A	N/A	N/A	N/A	N/A		

Requirement. Not applicable to customers who elected flat Tier 1 block within-month shape.

0.0	0.0	11.0	11.0	22.0	205,270	*23.433*
0.0	0.0	11.0	11.0	22.0		
0.0	0.0	11.0	11.0	22.0		

per 1.2.14 of Exhibit C multiplied by the diurnal shaping factor, divided by the hours in the month,
MWh amounts calculated per 1.2.14 of Exhibit C divided by the hours in the month,
irs established in cell O55 will be different than the megawatt-hours calculated in cell O50.

0	0	8,184	8,184	15,840	205,270	*23.433*

165	165	190	190	190		
142,256	136,461	159,404	159,143	154,918	1,566,593	*178.835*
247.0	234.5	264.1	258.9	266.0	N/A	*N/A*
122,760	118,800	141,360	141,360	136,800	1,269,215	*144.888*

4,562	3,982	3,668	3,477	3,046	91,767	*10.476*
14,934	13,679	14,376	14,306	15,072	205,611	*23.471*

ecast (energy and peak) goes into section 1.1 of Exhibit A. If NLSL see page 3 for additional calculations.
| New Resources if customer has Above-RHWM Load before calculating Net Requirements.

0	0	0	0	0	0	*0.000*
0.000	0.000	0.000	0.000	0.000		
0	0	0	0	0	0	*0.000*
0.000	0.000	0.000	0.000	0.000		

s (ie Hydro Resources) and does not have enough (or any) Above-RHWM Load,
ere not added to serve Above-RHWM Load, then Unspecified Resource Amounts will be added.

14,934	13,679	14,376	14,306	15,072	205,611	*23.471*

nounts. Net Requirements goes into section 1.2 of Exhibit A.

May	June	July	August	September	ANNUAL	*aMW*
122,760	118,800	141,360	141,360	136,800	1,269,215	*144.888*
42,751	41,372	42,751	42,751	41,372	503,359	*57.461*
80,009	77,428	98,609	98,609	95,428	765,856	*87.426*
122,760	118,800	141,360	141,360	136,800	1,269,215	*144.888*
-38,290	-34,102	-19,615	-18,575	-11,293	-171,031	*-19.524*
-51.465	-47.364	-26.364	-24.966	-15.685		
4,562	3,982	3,668	3,477	3,046	91,767	*10.476*
6.132	5.531	4.930	4.673	4.231		

atch the NLSL forecast keeping the total dedicated amounts the same.

[redacted]

[redacted]

urces and have a Preliminary Net Requirement in the second year of a Rate Period
ıch Fiscal Year prior to the removal of any resources in accordance with section 10.

2022	2022	2022	2022	2022		
5	6	7	8	9	Annual	aMW
400	416	400	432	400		
344	304	344	312	320		
142,256	136,461	159,404	159,143	154,918	1,566,593	*178.835*
246.977	234.536	264.119	258.915	266.048		
122,760	118,800	141,360	141,360	136,800	1,269,215	*144.888*
42,852	38,084	23,283	22,052	14,339	262,798	*30.000*
0	0	0	0	0	0	*0.000*
42,751	41,372	42,751	42,751	41,372	503,359	*57.461*
0.000	0.000	0.038	0.039	0.078	1.000	
0.538	0.578	0.538	0.581	0.556		
0.462	0.422	0.441	0.441	0.444		
0.173	0.154	0.089	0.084	0.051	1.000	
0.000	0.000	0.000	0.000	0.000		

May	June	July	August	September	ANNUAL	*aMW*
400	416	400	432	400	4912	

344	304	344	312	320	3848		
3,495,710	3,952,933	3,505,339	3,425,259	2,999,685	37,328,957	7,599.543	6736
1,691,935	1,590,174	1,757,589	1,660,955	1,700,508	21,681,545	5,634.497	
$1,998,417	$1,998,417	$1,998,417	$1,998,417	$1,998,417			
($329,943)	($329,943)	($329,943)	($329,943)	($329,943)			
$0	$0	$0	$0	$0			
$16.28	$17.15	$36.83	$35.87	$28.15			
$16.30	$10.62	$21.36	$26.85	$28.95			
$0.00	$0.00	$0.00	$0.00	$0.00			
0.34842%	0.34842%	0.34842%	0.34842%	0.34842%			
0.34842%	0.34842%	0.34842%	0.34842%	0.34842%			
-12,180	-13,773	-7,813	-7,182	-1,652			
-5,895	-5,540	-2,340	-2,355	1,115			
$696,289	$696,289	$696,289	$696,289	$696,289	$8,355,468		
($114,959)	($114,959)	($114,959)	($114,959)	($114,959)	($1,379,508)		
($198,286)	($236,204)	($287,764)	($257,629)	($46,490)	($9,856)		
($96,089)	($58,840)	($49,978)	($63,234)	$32,282	$610,894		
$0	$0	$0	$0	$0	$0		
$286,955	$286,286	$243,588	$260,467	$567,122	$7,576,998		
12,180	13,773	12,213	11,934	10,452	130,062	26	
5,895	5,540	6,124	5,787	5,925	75,543	20	
0	0	4,400	4,752	8,800	114,928	23	
0	0	3,784	3,432	7,040	90,342	23	

From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Wed Sep 22 13:38:35 2021

To: Colin Willenbrock (cwillenbrock@popud.org); April Owen

Cc: Diana Jackson; Moore,Lisa A (BPA) - PSSE-MEAD-GOB; Patton,Kathryn B (BPA) - PSS-SEATTLE; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB

Subject: Regional Dialogue Exhibit Revisions for FY 2022

Importance: High

Attachments: Copy of PENDOREILLE_FY22_HourlyBlockSchedule_2021.09.17.xlsx; 13090 Exh A C Cvr Ltr FY22.pdf; 13090 Exh A R19 092121.pdf; 13090 Exh A R19 merge with R18 092121.pdf; 13090 Exh C R 20 092121.pdf; 13090 Exh C R 20 merge with R19 092121.pdf

Good Afternoon Colin and April,

I've attached the redlines and final Exhibit A and C revisions for FY 2022. No signatures are necessary. Please note that the Hourly Block Schedule is also included in the files listed above.

Let me know if there are any questions regarding the exhibits and if you need any additional information from us for October 1st.

Have a good week.

Mike

Customer Name: **PEND OREILLE PUD**

Fiscal Year: 2022

Month:	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22
Days In Month:	31	30	31	31	28
Hours In Month:	744	721	744	744	672
HLH Hours in Month:	416	400	416	400	384
LLH Hours in Month:	328	321	328	344	288
Monthly T1 Block Amounts (MWh):	6,696	30,282	27,528	39,432	34,272
HLH - T1 Block Amounts (MW/hr):	9	42	37	53	51
LLH - T1 Block Amounts (MW/hr):	9	42	37	53	51
Flat MW Amount:	9	42	37	53	51
Remaining MW Amount:	0	0	0	0	0
Total Amount Delivered (MWh):	6,696	30,282	27,528	39,432	34,272
HLH Amount Delivered (MWh):	3,744	16,800	15,392	21,200	19,584
LLH Amount Delivered (MWh):	2,952	13,482	12,136	18,232	14,688

NERC ID: **POPD** BES ID: **10306**

Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22
31	30	31	30	31	31	30
743	720	744	720	744	744	720
432	416	400	416	400	432	400
311	304	344	304	344	312	320
32,692	2,160	0	0	8,184	8,184	15,840
44	3	0	0	11	11	22
44	3	0	0	11	11	22
44	3	0	0	11	11	22
0	0	0	0	0	0	0
32,692	2,160	0	0	8,184	8,184	15,840
19,008	1,248	0	0	4,400	4,752	8,800
13,684	912	0	0	3,784	3,432	7,040

October					November					December			
Hour in Month	Date	Hour Ending	MW	HLH/LLH	Hour in Month	Date	Hour Ending	MW	HLH/LLH	Hour in Month	Date	Hour Ending	MW
1	10/1/21	1	9	LLH	1	11/1/21	1	42	LLH	1	12/1/21	1	37
2	10/1/21	2	9	LLH	2	11/1/21	2	42	LLH	2	12/1/21	2	37
3	10/1/21	3	9	LLH	3	11/1/21	3	42	LLH	3	12/1/21	3	37
4	10/1/21	4	9	LLH	4	11/1/21	4	42	LLH	4	12/1/21	4	37
5	10/1/21	5	9	LLH	5	11/1/21	5	42	LLH	5	12/1/21	5	37
6	10/1/21	6	9	LLH	6	11/1/21	6	42	LLH	6	12/1/21	6	37
7	10/1/21	7	9	HLH	7	11/1/21	7	42	HLH	7	12/1/21	7	37
8	10/1/21	8	9	HLH	8	11/1/21	8	42	HLH	8	12/1/21	8	37
9	10/1/21	9	9	HLH	9	11/1/21	9	42	HLH	9	12/1/21	9	37
10	10/1/21	10	9	HLH	10	11/1/21	10	42	HLH	10	12/1/21	10	37
11	10/1/21	11	9	HLH	11	11/1/21	11	42	HLH	11	12/1/21	11	37
12	10/1/21	12	9	HLH	12	11/1/21	12	42	HLH	12	12/1/21	12	37
13	10/1/21	13	9	HLH	13	11/1/21	13	42	HLH	13	12/1/21	13	37
14	10/1/21	14	9	HLH	14	11/1/21	14	42	HLH	14	12/1/21	14	37
15	10/1/21	15	9	HLH	15	11/1/21	15	42	HLH	15	12/1/21	15	37
16	10/1/21	16	9	HLH	16	11/1/21	16	42	HLH	16	12/1/21	16	37
17	10/1/21	17	9	HLH	17	11/1/21	17	42	HLH	17	12/1/21	17	37
18	10/1/21	18	9	HLH	18	11/1/21	18	42	HLH	18	12/1/21	18	37
19	10/1/21	19	9	HLH	19	11/1/21	19	42	HLH	19	12/1/21	19	37
20	10/1/21	20	9	HLH	20	11/1/21	20	42	HLH	20	12/1/21	20	37
21	10/1/21	21	9	HLH	21	11/1/21	21	42	HLH	21	12/1/21	21	37
22	10/1/21	22	9	HLH	22	11/1/21	22	42	HLH	22	12/1/21	22	37
23	10/1/21	23	9	LLH	23	11/1/21	23	42	LLH	23	12/1/21	23	37
24	10/1/21	24	9	LLH	24	11/1/21	24	42	LLH	24	12/1/21	24	37
25	10/2/21	1	9	LLH	25	11/2/21	1	42	LLH	25	12/2/21	1	37
26	10/2/21	2	9	LLH	26	11/2/21	2	42	LLH	26	12/2/21	2	37
27	10/2/21	3	9	LLH	27	11/2/21	3	42	LLH	27	12/2/21	3	37
28	10/2/21	4	9	LLH	28	11/2/21	4	42	LLH	28	12/2/21	4	37
29	10/2/21	5	9	LLH	29	11/2/21	5	42	LLH	29	12/2/21	5	37
30	10/2/21	6	9	LLH	30	11/2/21	6	42	LLH	30	12/2/21	6	37
31	10/2/21	7	9	HLH	31	11/2/21	7	42	HLH	31	12/2/21	7	37

32	10/2/21	8	9	HLH	32	11/2/21	8	42	HLH	32	12/2/21	8	37
33	10/2/21	9	9	HLH	33	11/2/21	9	42	HLH	33	12/2/21	9	37
34	10/2/21	10	9	HLH	34	11/2/21	10	42	HLH	34	12/2/21	10	37
35	10/2/21	11	9	HLH	35	11/2/21	11	42	HLH	35	12/2/21	11	37
36	10/2/21	12	9	HLH	36	11/2/21	12	42	HLH	36	12/2/21	12	37
37	10/2/21	13	9	HLH	37	11/2/21	13	42	HLH	37	12/2/21	13	37
38	10/2/21	14	9	HLH	38	11/2/21	14	42	HLH	38	12/2/21	14	37
39	10/2/21	15	9	HLH	39	11/2/21	15	42	HLH	39	12/2/21	15	37
40	10/2/21	16	9	HLH	40	11/2/21	16	42	HLH	40	12/2/21	16	37
41	10/2/21	17	9	HLH	41	11/2/21	17	42	HLH	41	12/2/21	17	37
42	10/2/21	18	9	HLH	42	11/2/21	18	42	HLH	42	12/2/21	18	37
43	10/2/21	19	9	HLH	43	11/2/21	19	42	HLH	43	12/2/21	19	37
44	10/2/21	20	9	HLH	44	11/2/21	20	42	HLH	44	12/2/21	20	37
45	10/2/21	21	9	HLH	45	11/2/21	21	42	HLH	45	12/2/21	21	37
46	10/2/21	22	9	HLH	46	11/2/21	22	42	HLH	46	12/2/21	22	37
47	10/2/21	23	9	LLH	47	11/2/21	23	42	LLH	47	12/2/21	23	37
48	10/2/21	24	9	LLH	48	11/2/21	24	42	LLH	48	12/2/21	24	37
49	10/3/21	1	9	LLH	49	11/3/21	1	42	LLH	49	12/3/21	1	37
50	10/3/21	2	9	LLH	50	11/3/21	2	42	LLH	50	12/3/21	2	37
51	10/3/21	3	9	LLH	51	11/3/21	3	42	LLH	51	12/3/21	3	37
52	10/3/21	4	9	LLH	52	11/3/21	4	42	LLH	52	12/3/21	4	37
53	10/3/21	5	9	LLH	53	11/3/21	5	42	LLH	53	12/3/21	5	37
54	10/3/21	6	9	LLH	54	11/3/21	6	42	LLH	54	12/3/21	6	37
55	10/3/21	7	9	LLH	55	11/3/21	7	42	HLH	55	12/3/21	7	37
56	10/3/21	8	9	LLH	56	11/3/21	8	42	HLH	56	12/3/21	8	37
57	10/3/21	9	9	LLH	57	11/3/21	9	42	HLH	57	12/3/21	9	37
58	10/3/21	10	9	LLH	58	11/3/21	10	42	HLH	58	12/3/21	10	37
59	10/3/21	11	9	LLH	59	11/3/21	11	42	HLH	59	12/3/21	11	37
60	10/3/21	12	9	LLH	60	11/3/21	12	42	HLH	60	12/3/21	12	37
61	10/3/21	13	9	LLH	61	11/3/21	13	42	HLH	61	12/3/21	13	37
62	10/3/21	14	9	LLH	62	11/3/21	14	42	HLH	62	12/3/21	14	37
63	10/3/21	15	9	LLH	63	11/3/21	15	42	HLH	63	12/3/21	15	37
64	10/3/21	16	9	LLH	64	11/3/21	16	42	HLH	64	12/3/21	16	37
65	10/3/21	17	9	LLH	65	11/3/21	17	42	HLH	65	12/3/21	17	37

66	10/3/21	18	9	LLH	66	11/3/21	18	42	HLH	66	12/3/21	18	37
67	10/3/21	19	9	LLH	67	11/3/21	19	42	HLH	67	12/3/21	19	37
68	10/3/21	20	9	LLH	68	11/3/21	20	42	HLH	68	12/3/21	20	37
69	10/3/21	21	9	LLH	69	11/3/21	21	42	HLH	69	12/3/21	21	37
70	10/3/21	22	9	LLH	70	11/3/21	22	42	HLH	70	12/3/21	22	37
71	10/3/21	23	9	LLH	71	11/3/21	23	42	LLH	71	12/3/21	23	37
72	10/3/21	24	9	LLH	72	11/3/21	24	42	LLH	72	12/3/21	24	37
73	10/4/21	1	9	LLH	73	11/4/21	1	42	LLH	73	12/4/21	1	37
74	10/4/21	2	9	LLH	74	11/4/21	2	42	LLH	74	12/4/21	2	37
75	10/4/21	3	9	LLH	75	11/4/21	3	42	LLH	75	12/4/21	3	37
76	10/4/21	4	9	LLH	76	11/4/21	4	42	LLH	76	12/4/21	4	37
77	10/4/21	5	9	LLH	77	11/4/21	5	42	LLH	77	12/4/21	5	37
78	10/4/21	6	9	LLH	78	11/4/21	6	42	LLH	78	12/4/21	6	37
79	10/4/21	7	9	HLH	79	11/4/21	7	42	HLH	79	12/4/21	7	37
80	10/4/21	8	9	HLH	80	11/4/21	8	42	HLH	80	12/4/21	8	37
81	10/4/21	9	9	HLH	81	11/4/21	9	42	HLH	81	12/4/21	9	37
82	10/4/21	10	9	HLH	82	11/4/21	10	42	HLH	82	12/4/21	10	37
83	10/4/21	11	9	HLH	83	11/4/21	11	42	HLH	83	12/4/21	11	37
84	10/4/21	12	9	HLH	84	11/4/21	12	42	HLH	84	12/4/21	12	37
85	10/4/21	13	9	HLH	85	11/4/21	13	42	HLH	85	12/4/21	13	37
86	10/4/21	14	9	HLH	86	11/4/21	14	42	HLH	86	12/4/21	14	37
87	10/4/21	15	9	HLH	87	11/4/21	15	42	HLH	87	12/4/21	15	37
88	10/4/21	16	9	HLH	88	11/4/21	16	42	HLH	88	12/4/21	16	37
89	10/4/21	17	9	HLH	89	11/4/21	17	42	HLH	89	12/4/21	17	37
90	10/4/21	18	9	HLH	90	11/4/21	18	42	HLH	90	12/4/21	18	37
91	10/4/21	19	9	HLH	91	11/4/21	19	42	HLH	91	12/4/21	19	37
92	10/4/21	20	9	HLH	92	11/4/21	20	42	HLH	92	12/4/21	20	37
93	10/4/21	21	9	HLH	93	11/4/21	21	42	HLH	93	12/4/21	21	37
94	10/4/21	22	9	HLH	94	11/4/21	22	42	HLH	94	12/4/21	22	37
95	10/4/21	23	9	LLH	95	11/4/21	23	42	LLH	95	12/4/21	23	37
96	10/4/21	24	9	LLH	96	11/4/21	24	42	LLH	96	12/4/21	24	37
97	10/5/21	1	9	LLH	97	11/5/21	1	42	LLH	97	12/5/21	1	37
98	10/5/21	2	9	LLH	98	11/5/21	2	42	LLH	98	12/5/21	2	37
99	10/5/21	3	9	LLH	99	11/5/21	3	42	LLH	99	12/5/21	3	37

100	10/5/21	4	9	LLH	100	11/5/21	4	42	LLH	100	12/5/21	4	37
101	10/5/21	5	9	LLH	101	11/5/21	5	42	LLH	101	12/5/21	5	37
102	10/5/21	6	9	LLH	102	11/5/21	6	42	LLH	102	12/5/21	6	37
103	10/5/21	7	9	HLH	103	11/5/21	7	42	HLH	103	12/5/21	7	37
104	10/5/21	8	9	HLH	104	11/5/21	8	42	HLH	104	12/5/21	8	37
105	10/5/21	9	9	HLH	105	11/5/21	9	42	HLH	105	12/5/21	9	37
106	10/5/21	10	9	HLH	106	11/5/21	10	42	HLH	106	12/5/21	10	37
107	10/5/21	11	9	HLH	107	11/5/21	11	42	HLH	107	12/5/21	11	37
108	10/5/21	12	9	HLH	108	11/5/21	12	42	HLH	108	12/5/21	12	37
109	10/5/21	13	9	HLH	109	11/5/21	13	42	HLH	109	12/5/21	13	37
110	10/5/21	14	9	HLH	110	11/5/21	14	42	HLH	110	12/5/21	14	37
111	10/5/21	15	9	HLH	111	11/5/21	15	42	HLH	111	12/5/21	15	37
112	10/5/21	16	9	HLH	112	11/5/21	16	42	HLH	112	12/5/21	16	37
113	10/5/21	17	9	HLH	113	11/5/21	17	42	HLH	113	12/5/21	17	37
114	10/5/21	18	9	HLH	114	11/5/21	18	42	HLH	114	12/5/21	18	37
115	10/5/21	19	9	HLH	115	11/5/21	19	42	HLH	115	12/5/21	19	37
116	10/5/21	20	9	HLH	116	11/5/21	20	42	HLH	116	12/5/21	20	37
117	10/5/21	21	9	HLH	117	11/5/21	21	42	HLH	117	12/5/21	21	37
118	10/5/21	22	9	HLH	118	11/5/21	22	42	HLH	118	12/5/21	22	37
119	10/5/21	23	9	LLH	119	11/5/21	23	42	LLH	119	12/5/21	23	37
120	10/5/21	24	9	LLH	120	11/5/21	24	42	LLH	120	12/5/21	24	37
121	10/6/21	1	9	LLH	121	11/6/21	1	42	LLH	121	12/6/21	1	37
122	10/6/21	2	9	LLH	122	11/6/21	2	42	LLH	122	12/6/21	2	37
123	10/6/21	3	9	LLH	123	11/6/21	3	42	LLH	123	12/6/21	3	37
124	10/6/21	4	9	LLH	124	11/6/21	4	42	LLH	124	12/6/21	4	37
125	10/6/21	5	9	LLH	125	11/6/21	5	42	LLH	125	12/6/21	5	37
126	10/6/21	6	9	LLH	126	11/6/21	6	42	LLH	126	12/6/21	6	37
127	10/6/21	7	9	HLH	127	11/6/21	7	42	HLH	127	12/6/21	7	37
128	10/6/21	8	9	HLH	128	11/6/21	8	42	HLH	128	12/6/21	8	37
129	10/6/21	9	9	HLH	129	11/6/21	9	42	HLH	129	12/6/21	9	37
130	10/6/21	10	9	HLH	130	11/6/21	10	42	HLH	130	12/6/21	10	37
131	10/6/21	11	9	HLH	131	11/6/21	11	42	HLH	131	12/6/21	11	37
132	10/6/21	12	9	HLH	132	11/6/21	12	42	HLH	132	12/6/21	12	37
133	10/6/21	13	9	HLH	133	11/6/21	13	42	HLH	133	12/6/21	13	37

134	10/6/21	14	9	HLH	134	11/6/21	14	42	HLH	134	12/6/21	14	37
135	10/6/21	15	9	HLH	135	11/6/21	15	42	HLH	135	12/6/21	15	37
136	10/6/21	16	9	HLH	136	11/6/21	16	42	HLH	136	12/6/21	16	37
137	10/6/21	17	9	HLH	137	11/6/21	17	42	HLH	137	12/6/21	17	37
138	10/6/21	18	9	HLH	138	11/6/21	18	42	HLH	138	12/6/21	18	37
139	10/6/21	19	9	HLH	139	11/6/21	19	42	HLH	139	12/6/21	19	37
140	10/6/21	20	9	HLH	140	11/6/21	20	42	HLH	140	12/6/21	20	37
141	10/6/21	21	9	HLH	141	11/6/21	21	42	HLH	141	12/6/21	21	37
142	10/6/21	22	9	HLH	142	11/6/21	22	42	HLH	142	12/6/21	22	37
143	10/6/21	23	9	LLH	143	11/6/21	23	42	LLH	143	12/6/21	23	37
144	10/6/21	24	9	LLH	144	11/6/21	24	42	LLH	144	12/6/21	24	37
145	10/7/21	1	9	LLH	145	11/7/21	1	42	LLH	145	12/7/21	1	37
146	10/7/21	2	9	LLH	146	11/7/21	2	42	LLH	146	12/7/21	2	37
147	10/7/21	3	9	LLH	147	11/7/21	25	42	LLH	147	12/7/21	3	37
148	10/7/21	4	9	LLH	148	11/7/21	3	42	LLH	148	12/7/21	4	37
149	10/7/21	5	9	LLH	149	11/7/21	4	42	LLH	149	12/7/21	5	37
150	10/7/21	6	9	LLH	150	11/7/21	5	42	LLH	150	12/7/21	6	37
151	10/7/21	7	9	HLH	151	11/7/21	6	42	LLH	151	12/7/21	7	37
152	10/7/21	8	9	HLH	152	11/7/21	7	42	LLH	152	12/7/21	8	37
153	10/7/21	9	9	HLH	153	11/7/21	8	42	LLH	153	12/7/21	9	37
154	10/7/21	10	9	HLH	154	11/7/21	9	42	LLH	154	12/7/21	10	37
155	10/7/21	11	9	HLH	155	11/7/21	10	42	LLH	155	12/7/21	11	37
156	10/7/21	12	9	HLH	156	11/7/21	11	42	LLH	156	12/7/21	12	37
157	10/7/21	13	9	HLH	157	11/7/21	12	42	LLH	157	12/7/21	13	37
158	10/7/21	14	9	HLH	158	11/7/21	13	42	LLH	158	12/7/21	14	37
159	10/7/21	15	9	HLH	159	11/7/21	14	42	LLH	159	12/7/21	15	37
160	10/7/21	16	9	HLH	160	11/7/21	15	42	LLH	160	12/7/21	16	37
161	10/7/21	17	9	HLH	161	11/7/21	16	42	LLH	161	12/7/21	17	37
162	10/7/21	18	9	HLH	162	11/7/21	17	42	LLH	162	12/7/21	18	37
163	10/7/21	19	9	HLH	163	11/7/21	18	42	LLH	163	12/7/21	19	37
164	10/7/21	20	9	HLH	164	11/7/21	19	42	LLH	164	12/7/21	20	37
165	10/7/21	21	9	HLH	165	11/7/21	20	42	LLH	165	12/7/21	21	37
166	10/7/21	22	9	HLH	166	11/7/21	21	42	LLH	166	12/7/21	22	37
167	10/7/21	23	9	LLH	167	11/7/21	22	42	LLH	167	12/7/21	23	37

168	10/7/21	24	9	LLH	168	11/7/21	23	42	LLH	168	12/7/21	24	37
169	10/8/21	1	9	LLH	169	11/7/21	24	42	LLH	169	12/8/21	1	37
170	10/8/21	2	9	LLH	170	11/8/21	1	42	LLH	170	12/8/21	2	37
171	10/8/21	3	9	LLH	171	11/8/21	2	42	LLH	171	12/8/21	3	37
172	10/8/21	4	9	LLH	172	11/8/21	3	42	LLH	172	12/8/21	4	37
173	10/8/21	5	9	LLH	173	11/8/21	4	42	LLH	173	12/8/21	5	37
174	10/8/21	6	9	LLH	174	11/8/21	5	42	LLH	174	12/8/21	6	37
175	10/8/21	7	9	HLH	175	11/8/21	6	42	LLH	175	12/8/21	7	37
176	10/8/21	8	9	HLH	176	11/8/21	7	42	HLH	176	12/8/21	8	37
177	10/8/21	9	9	HLH	177	11/8/21	8	42	HLH	177	12/8/21	9	37
178	10/8/21	10	9	HLH	178	11/8/21	9	42	HLH	178	12/8/21	10	37
179	10/8/21	11	9	HLH	179	11/8/21	10	42	HLH	179	12/8/21	11	37
180	10/8/21	12	9	HLH	180	11/8/21	11	42	HLH	180	12/8/21	12	37
181	10/8/21	13	9	HLH	181	11/8/21	12	42	HLH	181	12/8/21	13	37
182	10/8/21	14	9	HLH	182	11/8/21	13	42	HLH	182	12/8/21	14	37
183	10/8/21	15	9	HLH	183	11/8/21	14	42	HLH	183	12/8/21	15	37
184	10/8/21	16	9	HLH	184	11/8/21	15	42	HLH	184	12/8/21	16	37
185	10/8/21	17	9	HLH	185	11/8/21	16	42	HLH	185	12/8/21	17	37
186	10/8/21	18	9	HLH	186	11/8/21	17	42	HLH	186	12/8/21	18	37
187	10/8/21	19	9	HLH	187	11/8/21	18	42	HLH	187	12/8/21	19	37
188	10/8/21	20	9	HLH	188	11/8/21	19	42	HLH	188	12/8/21	20	37
189	10/8/21	21	9	HLH	189	11/8/21	20	42	HLH	189	12/8/21	21	37
190	10/8/21	22	9	HLH	190	11/8/21	21	42	HLH	190	12/8/21	22	37
191	10/8/21	23	9	LLH	191	11/8/21	22	42	HLH	191	12/8/21	23	37
192	10/8/21	24	9	LLH	192	11/8/21	23	42	LLH	192	12/8/21	24	37
193	10/9/21	1	9	LLH	193	11/8/21	24	42	LLH	193	12/9/21	1	37
194	10/9/21	2	9	LLH	194	11/9/21	1	42	LLH	194	12/9/21	2	37
195	10/9/21	3	9	LLH	195	11/9/21	2	42	LLH	195	12/9/21	3	37
196	10/9/21	4	9	LLH	196	11/9/21	3	42	LLH	196	12/9/21	4	37
197	10/9/21	5	9	LLH	197	11/9/21	4	42	LLH	197	12/9/21	5	37
198	10/9/21	6	9	LLH	198	11/9/21	5	42	LLH	198	12/9/21	6	37
199	10/9/21	7	9	HLH	199	11/9/21	6	42	LLH	199	12/9/21	7	37
200	10/9/21	8	9	HLH	200	11/9/21	7	42	HLH	200	12/9/21	8	37
201	10/9/21	9	9	HLH	201	11/9/21	8	42	HLH	201	12/9/21	9	37

202	10/9/21	10	9	HLH	202	11/9/21	9	42	HLH	202	12/9/21	10	37
203	10/9/21	11	9	HLH	203	11/9/21	10	42	HLH	203	12/9/21	11	37
204	10/9/21	12	9	HLH	204	11/9/21	11	42	HLH	204	12/9/21	12	37
205	10/9/21	13	9	HLH	205	11/9/21	12	42	HLH	205	12/9/21	13	37
206	10/9/21	14	9	HLH	206	11/9/21	13	42	HLH	206	12/9/21	14	37
207	10/9/21	15	9	HLH	207	11/9/21	14	42	HLH	207	12/9/21	15	37
208	10/9/21	16	9	HLH	208	11/9/21	15	42	HLH	208	12/9/21	16	37
209	10/9/21	17	9	HLH	209	11/9/21	16	42	HLH	209	12/9/21	17	37
210	10/9/21	18	9	HLH	210	11/9/21	17	42	HLH	210	12/9/21	18	37
211	10/9/21	19	9	HLH	211	11/9/21	18	42	HLH	211	12/9/21	19	37
212	10/9/21	20	9	HLH	212	11/9/21	19	42	HLH	212	12/9/21	20	37
213	10/9/21	21	9	HLH	213	11/9/21	20	42	HLH	213	12/9/21	21	37
214	10/9/21	22	9	HLH	214	11/9/21	21	42	HLH	214	12/9/21	22	37
215	10/9/21	23	9	LLH	215	11/9/21	22	42	HLH	215	12/9/21	23	37
216	10/9/21	24	9	LLH	216	11/9/21	23	42	LLH	216	12/9/21	24	37
217	10/10/21	1	9	LLH	217	11/9/21	24	42	LLH	217	12/10/21	1	37
218	10/10/21	2	9	LLH	218	11/10/21	1	42	LLH	218	12/10/21	2	37
219	10/10/21	3	9	LLH	219	11/10/21	2	42	LLH	219	12/10/21	3	37
220	10/10/21	4	9	LLH	220	11/10/21	3	42	LLH	220	12/10/21	4	37
221	10/10/21	5	9	LLH	221	11/10/21	4	42	LLH	221	12/10/21	5	37
222	10/10/21	6	9	LLH	222	11/10/21	5	42	LLH	222	12/10/21	6	37
223	10/10/21	7	9	LLH	223	11/10/21	6	42	LLH	223	12/10/21	7	37
224	10/10/21	8	9	LLH	224	11/10/21	7	42	HLH	224	12/10/21	8	37
225	10/10/21	9	9	LLH	225	11/10/21	8	42	HLH	225	12/10/21	9	37
226	10/10/21	10	9	LLH	226	11/10/21	9	42	HLH	226	12/10/21	10	37
227	10/10/21	11	9	LLH	227	11/10/21	10	42	HLH	227	12/10/21	11	37
228	10/10/21	12	9	LLH	228	11/10/21	11	42	HLH	228	12/10/21	12	37
229	10/10/21	13	9	LLH	229	11/10/21	12	42	HLH	229	12/10/21	13	37
230	10/10/21	14	9	LLH	230	11/10/21	13	42	HLH	230	12/10/21	14	37
231	10/10/21	15	9	LLH	231	11/10/21	14	42	HLH	231	12/10/21	15	37
232	10/10/21	16	9	LLH	232	11/10/21	15	42	HLH	232	12/10/21	16	37
233	10/10/21	17	9	LLH	233	11/10/21	16	42	HLH	233	12/10/21	17	37
234	10/10/21	18	9	LLH	234	11/10/21	17	42	HLH	234	12/10/21	18	37
235	10/10/21	19	9	LLH	235	11/10/21	18	42	HLH	235	12/10/21	19	37

236	10/10/21	20	9	LLH	236	11/10/21	19	42	HLH	236	12/10/21	20	37
237	10/10/21	21	9	LLH	237	11/10/21	20	42	HLH	237	12/10/21	21	37
238	10/10/21	22	9	LLH	238	11/10/21	21	42	HLH	238	12/10/21	22	37
239	10/10/21	23	9	LLH	239	11/10/21	22	42	HLH	239	12/10/21	23	37
240	10/10/21	24	9	LLH	240	11/10/21	23	42	LLH	240	12/10/21	24	37
241	10/11/21	1	9	LLH	241	11/10/21	24	42	LLH	241	12/11/21	1	37
242	10/11/21	2	9	LLH	242	11/11/21	1	42	LLH	242	12/11/21	2	37
243	10/11/21	3	9	LLH	243	11/11/21	2	42	LLH	243	12/11/21	3	37
244	10/11/21	4	9	LLH	244	11/11/21	3	42	LLH	244	12/11/21	4	37
245	10/11/21	5	9	LLH	245	11/11/21	4	42	LLH	245	12/11/21	5	37
246	10/11/21	6	9	LLH	246	11/11/21	5	42	LLH	246	12/11/21	6	37
247	10/11/21	7	9	HLH	247	11/11/21	6	42	LLH	247	12/11/21	7	37
248	10/11/21	8	9	HLH	248	11/11/21	7	42	HLH	248	12/11/21	8	37
249	10/11/21	9	9	HLH	249	11/11/21	8	42	HLH	249	12/11/21	9	37
250	10/11/21	10	9	HLH	250	11/11/21	9	42	HLH	250	12/11/21	10	37
251	10/11/21	11	9	HLH	251	11/11/21	10	42	HLH	251	12/11/21	11	37
252	10/11/21	12	9	HLH	252	11/11/21	11	42	HLH	252	12/11/21	12	37
253	10/11/21	13	9	HLH	253	11/11/21	12	42	HLH	253	12/11/21	13	37
254	10/11/21	14	9	HLH	254	11/11/21	13	42	HLH	254	12/11/21	14	37
255	10/11/21	15	9	HLH	255	11/11/21	14	42	HLH	255	12/11/21	15	37
256	10/11/21	16	9	HLH	256	11/11/21	15	42	HLH	256	12/11/21	16	37
257	10/11/21	17	9	HLH	257	11/11/21	16	42	HLH	257	12/11/21	17	37
258	10/11/21	18	9	HLH	258	11/11/21	17	42	HLH	258	12/11/21	18	37
259	10/11/21	19	9	HLH	259	11/11/21	18	42	HLH	259	12/11/21	19	37
260	10/11/21	20	9	HLH	260	11/11/21	19	42	HLH	260	12/11/21	20	37
261	10/11/21	21	9	HLH	261	11/11/21	20	42	HLH	261	12/11/21	21	37
262	10/11/21	22	9	HLH	262	11/11/21	21	42	HLH	262	12/11/21	22	37
263	10/11/21	23	9	LLH	263	11/11/21	22	42	HLH	263	12/11/21	23	37
264	10/11/21	24	9	LLH	264	11/11/21	23	42	LLH	264	12/11/21	24	37
265	10/12/21	1	9	LLH	265	11/11/21	24	42	LLH	265	12/12/21	1	37
266	10/12/21	2	9	LLH	266	11/12/21	1	42	LLH	266	12/12/21	2	37
267	10/12/21	3	9	LLH	267	11/12/21	2	42	LLH	267	12/12/21	3	37
268	10/12/21	4	9	LLH	268	11/12/21	3	42	LLH	268	12/12/21	4	37
269	10/12/21	5	9	LLH	269	11/12/21	4	42	LLH	269	12/12/21	5	37

270	10/12/21	6	9	LLH	270	11/12/21	5	42	LLH	270	12/12/21	6	37
271	10/12/21	7	9	HLH	271	11/12/21	6	42	LLH	271	12/12/21	7	37
272	10/12/21	8	9	HLH	272	11/12/21	7	42	HLH	272	12/12/21	8	37
273	10/12/21	9	9	HLH	273	11/12/21	8	42	HLH	273	12/12/21	9	37
274	10/12/21	10	9	HLH	274	11/12/21	9	42	HLH	274	12/12/21	10	37
275	10/12/21	11	9	HLH	275	11/12/21	10	42	HLH	275	12/12/21	11	37
276	10/12/21	12	9	HLH	276	11/12/21	11	42	HLH	276	12/12/21	12	37
277	10/12/21	13	9	HLH	277	11/12/21	12	42	HLH	277	12/12/21	13	37
278	10/12/21	14	9	HLH	278	11/12/21	13	42	HLH	278	12/12/21	14	37
279	10/12/21	15	9	HLH	279	11/12/21	14	42	HLH	279	12/12/21	15	37
280	10/12/21	16	9	HLH	280	11/12/21	15	42	HLH	280	12/12/21	16	37
281	10/12/21	17	9	HLH	281	11/12/21	16	42	HLH	281	12/12/21	17	37
282	10/12/21	18	9	HLH	282	11/12/21	17	42	HLH	282	12/12/21	18	37
283	10/12/21	19	9	HLH	283	11/12/21	18	42	HLH	283	12/12/21	19	37
284	10/12/21	20	9	HLH	284	11/12/21	19	42	HLH	284	12/12/21	20	37
285	10/12/21	21	9	HLH	285	11/12/21	20	42	HLH	285	12/12/21	21	37
286	10/12/21	22	9	HLH	286	11/12/21	21	42	HLH	286	12/12/21	22	37
287	10/12/21	23	9	LLH	287	11/12/21	22	42	HLH	287	12/12/21	23	37
288	10/12/21	24	9	LLH	288	11/12/21	23	42	LLH	288	12/12/21	24	37
289	10/13/21	1	9	LLH	289	11/12/21	24	42	LLH	289	12/13/21	1	37
290	10/13/21	2	9	LLH	290	11/13/21	1	42	LLH	290	12/13/21	2	37
291	10/13/21	3	9	LLH	291	11/13/21	2	42	LLH	291	12/13/21	3	37
292	10/13/21	4	9	LLH	292	11/13/21	3	42	LLH	292	12/13/21	4	37
293	10/13/21	5	9	LLH	293	11/13/21	4	42	LLH	293	12/13/21	5	37
294	10/13/21	6	9	LLH	294	11/13/21	5	42	LLH	294	12/13/21	6	37
295	10/13/21	7	9	HLH	295	11/13/21	6	42	LLH	295	12/13/21	7	37
296	10/13/21	8	9	HLH	296	11/13/21	7	42	HLH	296	12/13/21	8	37
297	10/13/21	9	9	HLH	297	11/13/21	8	42	HLH	297	12/13/21	9	37
298	10/13/21	10	9	HLH	298	11/13/21	9	42	HLH	298	12/13/21	10	37
299	10/13/21	11	9	HLH	299	11/13/21	10	42	HLH	299	12/13/21	11	37
300	10/13/21	12	9	HLH	300	11/13/21	11	42	HLH	300	12/13/21	12	37
301	10/13/21	13	9	HLH	301	11/13/21	12	42	HLH	301	12/13/21	13	37
302	10/13/21	14	9	HLH	302	11/13/21	13	42	HLH	302	12/13/21	14	37
303	10/13/21	15	9	HLH	303	11/13/21	14	42	HLH	303	12/13/21	15	37

304	10/13/21	16	9	HLH	304	11/13/21	15	42	HLH	304	12/13/21	16	37
305	10/13/21	17	9	HLH	305	11/13/21	16	42	HLH	305	12/13/21	17	37
306	10/13/21	18	9	HLH	306	11/13/21	17	42	HLH	306	12/13/21	18	37
307	10/13/21	19	9	HLH	307	11/13/21	18	42	HLH	307	12/13/21	19	37
308	10/13/21	20	9	HLH	308	11/13/21	19	42	HLH	308	12/13/21	20	37
309	10/13/21	21	9	HLH	309	11/13/21	20	42	HLH	309	12/13/21	21	37
310	10/13/21	22	9	HLH	310	11/13/21	21	42	HLH	310	12/13/21	22	37
311	10/13/21	23	9	LLH	311	11/13/21	22	42	HLH	311	12/13/21	23	37
312	10/13/21	24	9	LLH	312	11/13/21	23	42	LLH	312	12/13/21	24	37
313	10/14/21	1	9	LLH	313	11/13/21	24	42	LLH	313	12/14/21	1	37
314	10/14/21	2	9	LLH	314	11/14/21	1	42	LLH	314	12/14/21	2	37
315	10/14/21	3	9	LLH	315	11/14/21	2	42	LLH	315	12/14/21	3	37
316	10/14/21	4	9	LLH	316	11/14/21	3	42	LLH	316	12/14/21	4	37
317	10/14/21	5	9	LLH	317	11/14/21	4	42	LLH	317	12/14/21	5	37
318	10/14/21	6	9	LLH	318	11/14/21	5	42	LLH	318	12/14/21	6	37
319	10/14/21	7	9	HLH	319	11/14/21	6	42	LLH	319	12/14/21	7	37
320	10/14/21	8	9	HLH	320	11/14/21	7	42	LLH	320	12/14/21	8	37
321	10/14/21	9	9	HLH	321	11/14/21	8	42	LLH	321	12/14/21	9	37
322	10/14/21	10	9	HLH	322	11/14/21	9	42	LLH	322	12/14/21	10	37
323	10/14/21	11	9	HLH	323	11/14/21	10	42	LLH	323	12/14/21	11	37
324	10/14/21	12	9	HLH	324	11/14/21	11	42	LLH	324	12/14/21	12	37
325	10/14/21	13	9	HLH	325	11/14/21	12	42	LLH	325	12/14/21	13	37
326	10/14/21	14	9	HLH	326	11/14/21	13	42	LLH	326	12/14/21	14	37
327	10/14/21	15	9	HLH	327	11/14/21	14	42	LLH	327	12/14/21	15	37
328	10/14/21	16	9	HLH	328	11/14/21	15	42	LLH	328	12/14/21	16	37
329	10/14/21	17	9	HLH	329	11/14/21	16	42	LLH	329	12/14/21	17	37
330	10/14/21	18	9	HLH	330	11/14/21	17	42	LLH	330	12/14/21	18	37
331	10/14/21	19	9	HLH	331	11/14/21	18	42	LLH	331	12/14/21	19	37
332	10/14/21	20	9	HLH	332	11/14/21	19	42	LLH	332	12/14/21	20	37
333	10/14/21	21	9	HLH	333	11/14/21	20	42	LLH	333	12/14/21	21	37
334	10/14/21	22	9	HLH	334	11/14/21	21	42	LLH	334	12/14/21	22	37
335	10/14/21	23	9	LLH	335	11/14/21	22	42	LLH	335	12/14/21	23	37
336	10/14/21	24	9	LLH	336	11/14/21	23	42	LLH	336	12/14/21	24	37
337	10/15/21	1	9	LLH	337	11/14/21	24	42	LLH	337	12/15/21	1	37

338	10/15/21	2	9	LLH	338	11/15/21	1	42	LLH	338	12/15/21	2	37
339	10/15/21	3	9	LLH	339	11/15/21	2	42	LLH	339	12/15/21	3	37
340	10/15/21	4	9	LLH	340	11/15/21	3	42	LLH	340	12/15/21	4	37
341	10/15/21	5	9	LLH	341	11/15/21	4	42	LLH	341	12/15/21	5	37
342	10/15/21	6	9	LLH	342	11/15/21	5	42	LLH	342	12/15/21	6	37
343	10/15/21	7	9	HLH	343	11/15/21	6	42	LLH	343	12/15/21	7	37
344	10/15/21	8	9	HLH	344	11/15/21	7	42	HLH	344	12/15/21	8	37
345	10/15/21	9	9	HLH	345	11/15/21	8	42	HLH	345	12/15/21	9	37
346	10/15/21	10	9	HLH	346	11/15/21	9	42	HLH	346	12/15/21	10	37
347	10/15/21	11	9	HLH	347	11/15/21	10	42	HLH	347	12/15/21	11	37
348	10/15/21	12	9	HLH	348	11/15/21	11	42	HLH	348	12/15/21	12	37
349	10/15/21	13	9	HLH	349	11/15/21	12	42	HLH	349	12/15/21	13	37
350	10/15/21	14	9	HLH	350	11/15/21	13	42	HLH	350	12/15/21	14	37
351	10/15/21	15	9	HLH	351	11/15/21	14	42	HLH	351	12/15/21	15	37
352	10/15/21	16	9	HLH	352	11/15/21	15	42	HLH	352	12/15/21	16	37
353	10/15/21	17	9	HLH	353	11/15/21	16	42	HLH	353	12/15/21	17	37
354	10/15/21	18	9	HLH	354	11/15/21	17	42	HLH	354	12/15/21	18	37
355	10/15/21	19	9	HLH	355	11/15/21	18	42	HLH	355	12/15/21	19	37
356	10/15/21	20	9	HLH	356	11/15/21	19	42	HLH	356	12/15/21	20	37
357	10/15/21	21	9	HLH	357	11/15/21	20	42	HLH	357	12/15/21	21	37
358	10/15/21	22	9	HLH	358	11/15/21	21	42	HLH	358	12/15/21	22	37
359	10/15/21	23	9	LLH	359	11/15/21	22	42	HLH	359	12/15/21	23	37
360	10/15/21	24	9	LLH	360	11/15/21	23	42	LLH	360	12/15/21	24	37
361	10/16/21	1	9	LLH	361	11/15/21	24	42	LLH	361	12/16/21	1	37
362	10/16/21	2	9	LLH	362	11/16/21	1	42	LLH	362	12/16/21	2	37
363	10/16/21	3	9	LLH	363	11/16/21	2	42	LLH	363	12/16/21	3	37
364	10/16/21	4	9	LLH	364	11/16/21	3	42	LLH	364	12/16/21	4	37
365	10/16/21	5	9	LLH	365	11/16/21	4	42	LLH	365	12/16/21	5	37
366	10/16/21	6	9	LLH	366	11/16/21	5	42	LLH	366	12/16/21	6	37
367	10/16/21	7	9	HLH	367	11/16/21	6	42	LLH	367	12/16/21	7	37
368	10/16/21	8	9	HLH	368	11/16/21	7	42	HLH	368	12/16/21	8	37
369	10/16/21	9	9	HLH	369	11/16/21	8	42	HLH	369	12/16/21	9	37
370	10/16/21	10	9	HLH	370	11/16/21	9	42	HLH	370	12/16/21	10	37
371	10/16/21	11	9	HLH	371	11/16/21	10	42	HLH	371	12/16/21	11	37

372	10/16/21	12	9	HLH	372	11/16/21	11	42	HLH	372	12/16/21	12	37
373	10/16/21	13	9	HLH	373	11/16/21	12	42	HLH	373	12/16/21	13	37
374	10/16/21	14	9	HLH	374	11/16/21	13	42	HLH	374	12/16/21	14	37
375	10/16/21	15	9	HLH	375	11/16/21	14	42	HLH	375	12/16/21	15	37
376	10/16/21	16	9	HLH	376	11/16/21	15	42	HLH	376	12/16/21	16	37
377	10/16/21	17	9	HLH	377	11/16/21	16	42	HLH	377	12/16/21	17	37
378	10/16/21	18	9	HLH	378	11/16/21	17	42	HLH	378	12/16/21	18	37
379	10/16/21	19	9	HLH	379	11/16/21	18	42	HLH	379	12/16/21	19	37
380	10/16/21	20	9	HLH	380	11/16/21	19	42	HLH	380	12/16/21	20	37
381	10/16/21	21	9	HLH	381	11/16/21	20	42	HLH	381	12/16/21	21	37
382	10/16/21	22	9	HLH	382	11/16/21	21	42	HLH	382	12/16/21	22	37
383	10/16/21	23	9	LLH	383	11/16/21	22	42	HLH	383	12/16/21	23	37
384	10/16/21	24	9	LLH	384	11/16/21	23	42	LLH	384	12/16/21	24	37
385	10/17/21	1	9	LLH	385	11/16/21	24	42	LLH	385	12/17/21	1	37
386	10/17/21	2	9	LLH	386	11/17/21	1	42	LLH	386	12/17/21	2	37
387	10/17/21	3	9	LLH	387	11/17/21	2	42	LLH	387	12/17/21	3	37
388	10/17/21	4	9	LLH	388	11/17/21	3	42	LLH	388	12/17/21	4	37
389	10/17/21	5	9	LLH	389	11/17/21	4	42	LLH	389	12/17/21	5	37
390	10/17/21	6	9	LLH	390	11/17/21	5	42	LLH	390	12/17/21	6	37
391	10/17/21	7	9	LLH	391	11/17/21	6	42	LLH	391	12/17/21	7	37
392	10/17/21	8	9	LLH	392	11/17/21	7	42	HLH	392	12/17/21	8	37
393	10/17/21	9	9	LLH	393	11/17/21	8	42	HLH	393	12/17/21	9	37
394	10/17/21	10	9	LLH	394	11/17/21	9	42	HLH	394	12/17/21	10	37
395	10/17/21	11	9	LLH	395	11/17/21	10	42	HLH	395	12/17/21	11	37
396	10/17/21	12	9	LLH	396	11/17/21	11	42	HLH	396	12/17/21	12	37
397	10/17/21	13	9	LLH	397	11/17/21	12	42	HLH	397	12/17/21	13	37
398	10/17/21	14	9	LLH	398	11/17/21	13	42	HLH	398	12/17/21	14	37
399	10/17/21	15	9	LLH	399	11/17/21	14	42	HLH	399	12/17/21	15	37
400	10/17/21	16	9	LLH	400	11/17/21	15	42	HLH	400	12/17/21	16	37
401	10/17/21	17	9	LLH	401	11/17/21	16	42	HLH	401	12/17/21	17	37
402	10/17/21	18	9	LLH	402	11/17/21	17	42	HLH	402	12/17/21	18	37
403	10/17/21	19	9	LLH	403	11/17/21	18	42	HLH	403	12/17/21	19	37
404	10/17/21	20	9	LLH	404	11/17/21	19	42	HLH	404	12/17/21	20	37
405	10/17/21	21	9	LLH	405	11/17/21	20	42	HLH	405	12/17/21	21	37

406	10/17/21	22	9	LLH	406	11/17/21	21	42	HLH	406	12/17/21	22	37
407	10/17/21	23	9	LLH	407	11/17/21	22	42	HLH	407	12/17/21	23	37
408	10/17/21	24	9	LLH	408	11/17/21	23	42	LLH	408	12/17/21	24	37
409	10/18/21	1	9	LLH	409	11/17/21	24	42	LLH	409	12/18/21	1	37
410	10/18/21	2	9	LLH	410	11/18/21	1	42	LLH	410	12/18/21	2	37
411	10/18/21	3	9	LLH	411	11/18/21	2	42	LLH	411	12/18/21	3	37
412	10/18/21	4	9	LLH	412	11/18/21	3	42	LLH	412	12/18/21	4	37
413	10/18/21	5	9	LLH	413	11/18/21	4	42	LLH	413	12/18/21	5	37
414	10/18/21	6	9	LLH	414	11/18/21	5	42	LLH	414	12/18/21	6	37
415	10/18/21	7	9	HLH	415	11/18/21	6	42	LLH	415	12/18/21	7	37
416	10/18/21	8	9	HLH	416	11/18/21	7	42	HLH	416	12/18/21	8	37
417	10/18/21	9	9	HLH	417	11/18/21	8	42	HLH	417	12/18/21	9	37
418	10/18/21	10	9	HLH	418	11/18/21	9	42	HLH	418	12/18/21	10	37
419	10/18/21	11	9	HLH	419	11/18/21	10	42	HLH	419	12/18/21	11	37
420	10/18/21	12	9	HLH	420	11/18/21	11	42	HLH	420	12/18/21	12	37
421	10/18/21	13	9	HLH	421	11/18/21	12	42	HLH	421	12/18/21	13	37
422	10/18/21	14	9	HLH	422	11/18/21	13	42	HLH	422	12/18/21	14	37
423	10/18/21	15	9	HLH	423	11/18/21	14	42	HLH	423	12/18/21	15	37
424	10/18/21	16	9	HLH	424	11/18/21	15	42	HLH	424	12/18/21	16	37
425	10/18/21	17	9	HLH	425	11/18/21	16	42	HLH	425	12/18/21	17	37
426	10/18/21	18	9	HLH	426	11/18/21	17	42	HLH	426	12/18/21	18	37
427	10/18/21	19	9	HLH	427	11/18/21	18	42	HLH	427	12/18/21	19	37
428	10/18/21	20	9	HLH	428	11/18/21	19	42	HLH	428	12/18/21	20	37
429	10/18/21	21	9	HLH	429	11/18/21	20	42	HLH	429	12/18/21	21	37
430	10/18/21	22	9	HLH	430	11/18/21	21	42	HLH	430	12/18/21	22	37
431	10/18/21	23	9	LLH	431	11/18/21	22	42	HLH	431	12/18/21	23	37
432	10/18/21	24	9	LLH	432	11/18/21	23	42	LLH	432	12/18/21	24	37
433	10/19/21	1	9	LLH	433	11/18/21	24	42	LLH	433	12/19/21	1	37
434	10/19/21	2	9	LLH	434	11/19/21	1	42	LLH	434	12/19/21	2	37
435	10/19/21	3	9	LLH	435	11/19/21	2	42	LLH	435	12/19/21	3	37
436	10/19/21	4	9	LLH	436	11/19/21	3	42	LLH	436	12/19/21	4	37
437	10/19/21	5	9	LLH	437	11/19/21	4	42	LLH	437	12/19/21	5	37
438	10/19/21	6	9	LLH	438	11/19/21	5	42	LLH	438	12/19/21	6	37
439	10/19/21	7	9	HLH	439	11/19/21	6	42	LLH	439	12/19/21	7	37

440	10/19/21	8	9	HLH	440	11/19/21	7	42	HLH	440	12/19/21	8	37
441	10/19/21	9	9	HLH	441	11/19/21	8	42	HLH	441	12/19/21	9	37
442	10/19/21	10	9	HLH	442	11/19/21	9	42	HLH	442	12/19/21	10	37
443	10/19/21	11	9	HLH	443	11/19/21	10	42	HLH	443	12/19/21	11	37
444	10/19/21	12	9	HLH	444	11/19/21	11	42	HLH	444	12/19/21	12	37
445	10/19/21	13	9	HLH	445	11/19/21	12	42	HLH	445	12/19/21	13	37
446	10/19/21	14	9	HLH	446	11/19/21	13	42	HLH	446	12/19/21	14	37
447	10/19/21	15	9	HLH	447	11/19/21	14	42	HLH	447	12/19/21	15	37
448	10/19/21	16	9	HLH	448	11/19/21	15	42	HLH	448	12/19/21	16	37
449	10/19/21	17	9	HLH	449	11/19/21	16	42	HLH	449	12/19/21	17	37
450	10/19/21	18	9	HLH	450	11/19/21	17	42	HLH	450	12/19/21	18	37
451	10/19/21	19	9	HLH	451	11/19/21	18	42	HLH	451	12/19/21	19	37
452	10/19/21	20	9	HLH	452	11/19/21	19	42	HLH	452	12/19/21	20	37
453	10/19/21	21	9	HLH	453	11/19/21	20	42	HLH	453	12/19/21	21	37
454	10/19/21	22	9	HLH	454	11/19/21	21	42	HLH	454	12/19/21	22	37
455	10/19/21	23	9	LLH	455	11/19/21	22	42	HLH	455	12/19/21	23	37
456	10/19/21	24	9	LLH	456	11/19/21	23	42	LLH	456	12/19/21	24	37
457	10/20/21	1	9	LLH	457	11/19/21	24	42	LLH	457	12/20/21	1	37
458	10/20/21	2	9	LLH	458	11/20/21	1	42	LLH	458	12/20/21	2	37
459	10/20/21	3	9	LLH	459	11/20/21	2	42	LLH	459	12/20/21	3	37
460	10/20/21	4	9	LLH	460	11/20/21	3	42	LLH	460	12/20/21	4	37
461	10/20/21	5	9	LLH	461	11/20/21	4	42	LLH	461	12/20/21	5	37
462	10/20/21	6	9	LLH	462	11/20/21	5	42	LLH	462	12/20/21	6	37
463	10/20/21	7	9	HLH	463	11/20/21	6	42	LLH	463	12/20/21	7	37
464	10/20/21	8	9	HLH	464	11/20/21	7	42	HLH	464	12/20/21	8	37
465	10/20/21	9	9	HLH	465	11/20/21	8	42	HLH	465	12/20/21	9	37
466	10/20/21	10	9	HLH	466	11/20/21	9	42	HLH	466	12/20/21	10	37
467	10/20/21	11	9	HLH	467	11/20/21	10	42	HLH	467	12/20/21	11	37
468	10/20/21	12	9	HLH	468	11/20/21	11	42	HLH	468	12/20/21	12	37
469	10/20/21	13	9	HLH	469	11/20/21	12	42	HLH	469	12/20/21	13	37
470	10/20/21	14	9	HLH	470	11/20/21	13	42	HLH	470	12/20/21	14	37
471	10/20/21	15	9	HLH	471	11/20/21	14	42	HLH	471	12/20/21	15	37
472	10/20/21	16	9	HLH	472	11/20/21	15	42	HLH	472	12/20/21	16	37
473	10/20/21	17	9	HLH	473	11/20/21	16	42	HLH	473	12/20/21	17	37

474	10/20/21	18	9	HLH	474	11/20/21	17	42	HLH	474	12/20/21	18	37
475	10/20/21	19	9	HLH	475	11/20/21	18	42	HLH	475	12/20/21	19	37
476	10/20/21	20	9	HLH	476	11/20/21	19	42	HLH	476	12/20/21	20	37
477	10/20/21	21	9	HLH	477	11/20/21	20	42	HLH	477	12/20/21	21	37
478	10/20/21	22	9	HLH	478	11/20/21	21	42	HLH	478	12/20/21	22	37
479	10/20/21	23	9	LLH	479	11/20/21	22	42	HLH	479	12/20/21	23	37
480	10/20/21	24	9	LLH	480	11/20/21	23	42	LLH	480	12/20/21	24	37
481	10/21/21	1	9	LLH	481	11/20/21	24	42	LLH	481	12/21/21	1	37
482	10/21/21	2	9	LLH	482	11/21/21	1	42	LLH	482	12/21/21	2	37
483	10/21/21	3	9	LLH	483	11/21/21	2	42	LLH	483	12/21/21	3	37
484	10/21/21	4	9	LLH	484	11/21/21	3	42	LLH	484	12/21/21	4	37
485	10/21/21	5	9	LLH	485	11/21/21	4	42	LLH	485	12/21/21	5	37
486	10/21/21	6	9	LLH	486	11/21/21	5	42	LLH	486	12/21/21	6	37
487	10/21/21	7	9	HLH	487	11/21/21	6	42	LLH	487	12/21/21	7	37
488	10/21/21	8	9	HLH	488	11/21/21	7	42	LLH	488	12/21/21	8	37
489	10/21/21	9	9	HLH	489	11/21/21	8	42	LLH	489	12/21/21	9	37
490	10/21/21	10	9	HLH	490	11/21/21	9	42	LLH	490	12/21/21	10	37
491	10/21/21	11	9	HLH	491	11/21/21	10	42	LLH	491	12/21/21	11	37
492	10/21/21	12	9	HLH	492	11/21/21	11	42	LLH	492	12/21/21	12	37
493	10/21/21	13	9	HLH	493	11/21/21	12	42	LLH	493	12/21/21	13	37
494	10/21/21	14	9	HLH	494	11/21/21	13	42	LLH	494	12/21/21	14	37
495	10/21/21	15	9	HLH	495	11/21/21	14	42	LLH	495	12/21/21	15	37
496	10/21/21	16	9	HLH	496	11/21/21	15	42	LLH	496	12/21/21	16	37
497	10/21/21	17	9	HLH	497	11/21/21	16	42	LLH	497	12/21/21	17	37
498	10/21/21	18	9	HLH	498	11/21/21	17	42	LLH	498	12/21/21	18	37
499	10/21/21	19	9	HLH	499	11/21/21	18	42	LLH	499	12/21/21	19	37
500	10/21/21	20	9	HLH	500	11/21/21	19	42	LLH	500	12/21/21	20	37
501	10/21/21	21	9	HLH	501	11/21/21	20	42	LLH	501	12/21/21	21	37
502	10/21/21	22	9	HLH	502	11/21/21	21	42	LLH	502	12/21/21	22	37
503	10/21/21	23	9	LLH	503	11/21/21	22	42	LLH	503	12/21/21	23	37
504	10/21/21	24	9	LLH	504	11/21/21	23	42	LLH	504	12/21/21	24	37
505	10/22/21	1	9	LLH	505	11/21/21	24	42	LLH	505	12/22/21	1	37
506	10/22/21	2	9	LLH	506	11/22/21	1	42	LLH	506	12/22/21	2	37
507	10/22/21	3	9	LLH	507	11/22/21	2	42	LLH	507	12/22/21	3	37

508	10/22/21	4	9	LLH	508	11/22/21	3	42	LLH	508	12/22/21	4	37
509	10/22/21	5	9	LLH	509	11/22/21	4	42	LLH	509	12/22/21	5	37
510	10/22/21	6	9	LLH	510	11/22/21	5	42	LLH	510	12/22/21	6	37
511	10/22/21	7	9	HLH	511	11/22/21	6	42	LLH	511	12/22/21	7	37
512	10/22/21	8	9	HLH	512	11/22/21	7	42	HLH	512	12/22/21	8	37
513	10/22/21	9	9	HLH	513	11/22/21	8	42	HLH	513	12/22/21	9	37
514	10/22/21	10	9	HLH	514	11/22/21	9	42	HLH	514	12/22/21	10	37
515	10/22/21	11	9	HLH	515	11/22/21	10	42	HLH	515	12/22/21	11	37
516	10/22/21	12	9	HLH	516	11/22/21	11	42	HLH	516	12/22/21	12	37
517	10/22/21	13	9	HLH	517	11/22/21	12	42	HLH	517	12/22/21	13	37
518	10/22/21	14	9	HLH	518	11/22/21	13	42	HLH	518	12/22/21	14	37
519	10/22/21	15	9	HLH	519	11/22/21	14	42	HLH	519	12/22/21	15	37
520	10/22/21	16	9	HLH	520	11/22/21	15	42	HLH	520	12/22/21	16	37
521	10/22/21	17	9	HLH	521	11/22/21	16	42	HLH	521	12/22/21	17	37
522	10/22/21	18	9	HLH	522	11/22/21	17	42	HLH	522	12/22/21	18	37
523	10/22/21	19	9	HLH	523	11/22/21	18	42	HLH	523	12/22/21	19	37
524	10/22/21	20	9	HLH	524	11/22/21	19	42	HLH	524	12/22/21	20	37
525	10/22/21	21	9	HLH	525	11/22/21	20	42	HLH	525	12/22/21	21	37
526	10/22/21	22	9	HLH	526	11/22/21	21	42	HLH	526	12/22/21	22	37
527	10/22/21	23	9	LLH	527	11/22/21	22	42	HLH	527	12/22/21	23	37
528	10/22/21	24	9	LLH	528	11/22/21	23	42	LLH	528	12/22/21	24	37
529	10/23/21	1	9	LLH	529	11/22/21	24	42	LLH	529	12/23/21	1	37
530	10/23/21	2	9	LLH	530	11/23/21	1	42	LLH	530	12/23/21	2	37
531	10/23/21	3	9	LLH	531	11/23/21	2	42	LLH	531	12/23/21	3	37
532	10/23/21	4	9	LLH	532	11/23/21	3	42	LLH	532	12/23/21	4	37
533	10/23/21	5	9	LLH	533	11/23/21	4	42	LLH	533	12/23/21	5	37
534	10/23/21	6	9	LLH	534	11/23/21	5	42	LLH	534	12/23/21	6	37
535	10/23/21	7	9	HLH	535	11/23/21	6	42	LLH	535	12/23/21	7	37
536	10/23/21	8	9	HLH	536	11/23/21	7	42	HLH	536	12/23/21	8	37
537	10/23/21	9	9	HLH	537	11/23/21	8	42	HLH	537	12/23/21	9	37
538	10/23/21	10	9	HLH	538	11/23/21	9	42	HLH	538	12/23/21	10	37
539	10/23/21	11	9	HLH	539	11/23/21	10	42	HLH	539	12/23/21	11	37
540	10/23/21	12	9	HLH	540	11/23/21	11	42	HLH	540	12/23/21	12	37
541	10/23/21	13	9	HLH	541	11/23/21	12	42	HLH	541	12/23/21	13	37

542	10/23/21	14	9	HLH	542	11/23/21	13	42	HLH	542	12/23/21	14	37
543	10/23/21	15	9	HLH	543	11/23/21	14	42	HLH	543	12/23/21	15	37
544	10/23/21	16	9	HLH	544	11/23/21	15	42	HLH	544	12/23/21	16	37
545	10/23/21	17	9	HLH	545	11/23/21	16	42	HLH	545	12/23/21	17	37
546	10/23/21	18	9	HLH	546	11/23/21	17	42	HLH	546	12/23/21	18	37
547	10/23/21	19	9	HLH	547	11/23/21	18	42	HLH	547	12/23/21	19	37
548	10/23/21	20	9	HLH	548	11/23/21	19	42	HLH	548	12/23/21	20	37
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550	10/23/21	22	9	HLH	550	11/23/21	21	42	HLH	550	12/23/21	22	37
551	10/23/21	23	9	LLH	551	11/23/21	22	42	HLH	551	12/23/21	23	37
552	10/23/21	24	9	LLH	552	11/23/21	23	42	LLH	552	12/23/21	24	37
553	10/24/21	1	9	LLH	553	11/23/21	24	42	LLH	553	12/24/21	1	37
554	10/24/21	2	9	LLH	554	11/24/21	1	42	LLH	554	12/24/21	2	37
555	10/24/21	3	9	LLH	555	11/24/21	2	42	LLH	555	12/24/21	3	37
556	10/24/21	4	9	LLH	556	11/24/21	3	42	LLH	556	12/24/21	4	37
557	10/24/21	5	9	LLH	557	11/24/21	4	42	LLH	557	12/24/21	5	37
558	10/24/21	6	9	LLH	558	11/24/21	5	42	LLH	558	12/24/21	6	37
559	10/24/21	7	9	LLH	559	11/24/21	6	42	LLH	559	12/24/21	7	37
560	10/24/21	8	9	LLH	560	11/24/21	7	42	HLH	560	12/24/21	8	37
561	10/24/21	9	9	LLH	561	11/24/21	8	42	HLH	561	12/24/21	9	37
562	10/24/21	10	9	LLH	562	11/24/21	9	42	HLH	562	12/24/21	10	37
563	10/24/21	11	9	LLH	563	11/24/21	10	42	HLH	563	12/24/21	11	37
564	10/24/21	12	9	LLH	564	11/24/21	11	42	HLH	564	12/24/21	12	37
565	10/24/21	13	9	LLH	565	11/24/21	12	42	HLH	565	12/24/21	13	37
566	10/24/21	14	9	LLH	566	11/24/21	13	42	HLH	566	12/24/21	14	37
567	10/24/21	15	9	LLH	567	11/24/21	14	42	HLH	567	12/24/21	15	37
568	10/24/21	16	9	LLH	568	11/24/21	15	42	HLH	568	12/24/21	16	37
569	10/24/21	17	9	LLH	569	11/24/21	16	42	HLH	569	12/24/21	17	37
570	10/24/21	18	9	LLH	570	11/24/21	17	42	HLH	570	12/24/21	18	37
571	10/24/21	19	9	LLH	571	11/24/21	18	42	HLH	571	12/24/21	19	37
572	10/24/21	20	9	LLH	572	11/24/21	19	42	HLH	572	12/24/21	20	37
573	10/24/21	21	9	LLH	573	11/24/21	20	42	HLH	573	12/24/21	21	37
574	10/24/21	22	9	LLH	574	11/24/21	21	42	HLH	574	12/24/21	22	37
575	10/24/21	23	9	LLH	575	11/24/21	22	42	HLH	575	12/24/21	23	37

576	10/24/21	24	9	LLH	576	11/24/21	23	42	LLH	576	12/24/21	24	37
577	10/25/21	1	9	LLH	577	11/24/21	24	42	LLH	577	12/25/21	1	37
578	10/25/21	2	9	LLH	578	11/25/21	1	42	LLH	578	12/25/21	2	37
579	10/25/21	3	9	LLH	579	11/25/21	2	42	LLH	579	12/25/21	3	37
580	10/25/21	4	9	LLH	580	11/25/21	3	42	LLH	580	12/25/21	4	37
581	10/25/21	5	9	LLH	581	11/25/21	4	42	LLH	581	12/25/21	5	37
582	10/25/21	6	9	LLH	582	11/25/21	5	42	LLH	582	12/25/21	6	37
583	10/25/21	7	9	HLH	583	11/25/21	6	42	LLH	583	12/25/21	7	37
584	10/25/21	8	9	HLH	584	11/25/21	7	42	LLH	584	12/25/21	8	37
585	10/25/21	9	9	HLH	585	11/25/21	8	42	LLH	585	12/25/21	9	37
586	10/25/21	10	9	HLH	586	11/25/21	9	42	LLH	586	12/25/21	10	37
587	10/25/21	11	9	HLH	587	11/25/21	10	42	LLH	587	12/25/21	11	37
588	10/25/21	12	9	HLH	588	11/25/21	11	42	LLH	588	12/25/21	12	37
589	10/25/21	13	9	HLH	589	11/25/21	12	42	LLH	589	12/25/21	13	37
590	10/25/21	14	9	HLH	590	11/25/21	13	42	LLH	590	12/25/21	14	37
591	10/25/21	15	9	HLH	591	11/25/21	14	42	LLH	591	12/25/21	15	37
592	10/25/21	16	9	HLH	592	11/25/21	15	42	LLH	592	12/25/21	16	37
593	10/25/21	17	9	HLH	593	11/25/21	16	42	LLH	593	12/25/21	17	37
594	10/25/21	18	9	HLH	594	11/25/21	17	42	LLH	594	12/25/21	18	37
595	10/25/21	19	9	HLH	595	11/25/21	18	42	LLH	595	12/25/21	19	37
596	10/25/21	20	9	HLH	596	11/25/21	19	42	LLH	596	12/25/21	20	37
597	10/25/21	21	9	HLH	597	11/25/21	20	42	LLH	597	12/25/21	21	37
598	10/25/21	22	9	HLH	598	11/25/21	21	42	LLH	598	12/25/21	22	37
599	10/25/21	23	9	LLH	599	11/25/21	22	42	LLH	599	12/25/21	23	37
600	10/25/21	24	9	LLH	600	11/25/21	23	42	LLH	600	12/25/21	24	37
601	10/26/21	1	9	LLH	601	11/25/21	24	42	LLH	601	12/26/21	1	37
602	10/26/21	2	9	LLH	602	11/26/21	1	42	LLH	602	12/26/21	2	37
603	10/26/21	3	9	LLH	603	11/26/21	2	42	LLH	603	12/26/21	3	37
604	10/26/21	4	9	LLH	604	11/26/21	3	42	LLH	604	12/26/21	4	37
605	10/26/21	5	9	LLH	605	11/26/21	4	42	LLH	605	12/26/21	5	37
606	10/26/21	6	9	LLH	606	11/26/21	5	42	LLH	606	12/26/21	6	37
607	10/26/21	7	9	HLH	607	11/26/21	6	42	LLH	607	12/26/21	7	37
608	10/26/21	8	9	HLH	608	11/26/21	7	42	HLH	608	12/26/21	8	37
609	10/26/21	9	9	HLH	609	11/26/21	8	42	HLH	609	12/26/21	9	37

610	10/26/21	10	9	HLH	610	11/26/21	9	42	HLH	610	12/26/21	10	37
611	10/26/21	11	9	HLH	611	11/26/21	10	42	HLH	611	12/26/21	11	37
612	10/26/21	12	9	HLH	612	11/26/21	11	42	HLH	612	12/26/21	12	37
613	10/26/21	13	9	HLH	613	11/26/21	12	42	HLH	613	12/26/21	13	37
614	10/26/21	14	9	HLH	614	11/26/21	13	42	HLH	614	12/26/21	14	37
615	10/26/21	15	9	HLH	615	11/26/21	14	42	HLH	615	12/26/21	15	37
616	10/26/21	16	9	HLH	616	11/26/21	15	42	HLH	616	12/26/21	16	37
617	10/26/21	17	9	HLH	617	11/26/21	16	42	HLH	617	12/26/21	17	37
618	10/26/21	18	9	HLH	618	11/26/21	17	42	HLH	618	12/26/21	18	37
619	10/26/21	19	9	HLH	619	11/26/21	18	42	HLH	619	12/26/21	19	37
620	10/26/21	20	9	HLH	620	11/26/21	19	42	HLH	620	12/26/21	20	37
621	10/26/21	21	9	HLH	621	11/26/21	20	42	HLH	621	12/26/21	21	37
622	10/26/21	22	9	HLH	622	11/26/21	21	42	HLH	622	12/26/21	22	37
623	10/26/21	23	9	LLH	623	11/26/21	22	42	HLH	623	12/26/21	23	37
624	10/26/21	24	9	LLH	624	11/26/21	23	42	LLH	624	12/26/21	24	37
625	10/27/21	1	9	LLH	625	11/26/21	24	42	LLH	625	12/27/21	1	37
626	10/27/21	2	9	LLH	626	11/27/21	1	42	LLH	626	12/27/21	2	37
627	10/27/21	3	9	LLH	627	11/27/21	2	42	LLH	627	12/27/21	3	37
628	10/27/21	4	9	LLH	628	11/27/21	3	42	LLH	628	12/27/21	4	37
629	10/27/21	5	9	LLH	629	11/27/21	4	42	LLH	629	12/27/21	5	37
630	10/27/21	6	9	LLH	630	11/27/21	5	42	LLH	630	12/27/21	6	37
631	10/27/21	7	9	HLH	631	11/27/21	6	42	LLH	631	12/27/21	7	37
632	10/27/21	8	9	HLH	632	11/27/21	7	42	HLH	632	12/27/21	8	37
633	10/27/21	9	9	HLH	633	11/27/21	8	42	HLH	633	12/27/21	9	37
634	10/27/21	10	9	HLH	634	11/27/21	9	42	HLH	634	12/27/21	10	37
635	10/27/21	11	9	HLH	635	11/27/21	10	42	HLH	635	12/27/21	11	37
636	10/27/21	12	9	HLH	636	11/27/21	11	42	HLH	636	12/27/21	12	37
637	10/27/21	13	9	HLH	637	11/27/21	12	42	HLH	637	12/27/21	13	37
638	10/27/21	14	9	HLH	638	11/27/21	13	42	HLH	638	12/27/21	14	37
639	10/27/21	15	9	HLH	639	11/27/21	14	42	HLH	639	12/27/21	15	37
640	10/27/21	16	9	HLH	640	11/27/21	15	42	HLH	640	12/27/21	16	37
641	10/27/21	17	9	HLH	641	11/27/21	16	42	HLH	641	12/27/21	17	37
642	10/27/21	18	9	HLH	642	11/27/21	17	42	HLH	642	12/27/21	18	37
643	10/27/21	19	9	HLH	643	11/27/21	18	42	HLH	643	12/27/21	19	37

644	10/27/21	20	9	HLH	644	11/27/21	19	42	HLH	644	12/27/21	20	37
645	10/27/21	21	9	HLH	645	11/27/21	20	42	HLH	645	12/27/21	21	37
646	10/27/21	22	9	HLH	646	11/27/21	21	42	HLH	646	12/27/21	22	37
647	10/27/21	23	9	LLH	647	11/27/21	22	42	HLH	647	12/27/21	23	37
648	10/27/21	24	9	LLH	648	11/27/21	23	42	LLH	648	12/27/21	24	37
649	10/28/21	1	9	LLH	649	11/27/21	24	42	LLH	649	12/28/21	1	37
650	10/28/21	2	9	LLH	650	11/28/21	1	42	LLH	650	12/28/21	2	37
651	10/28/21	3	9	LLH	651	11/28/21	2	42	LLH	651	12/28/21	3	37
652	10/28/21	4	9	LLH	652	11/28/21	3	42	LLH	652	12/28/21	4	37
653	10/28/21	5	9	LLH	653	11/28/21	4	42	LLH	653	12/28/21	5	37
654	10/28/21	6	9	LLH	654	11/28/21	5	42	LLH	654	12/28/21	6	37
655	10/28/21	7	9	HLH	655	11/28/21	6	42	LLH	655	12/28/21	7	37
656	10/28/21	8	9	HLH	656	11/28/21	7	42	LLH	656	12/28/21	8	37
657	10/28/21	9	9	HLH	657	11/28/21	8	42	LLH	657	12/28/21	9	37
658	10/28/21	10	9	HLH	658	11/28/21	9	42	LLH	658	12/28/21	10	37
659	10/28/21	11	9	HLH	659	11/28/21	10	42	LLH	659	12/28/21	11	37
660	10/28/21	12	9	HLH	660	11/28/21	11	42	LLH	660	12/28/21	12	37
661	10/28/21	13	9	HLH	661	11/28/21	12	42	LLH	661	12/28/21	13	37
662	10/28/21	14	9	HLH	662	11/28/21	13	42	LLH	662	12/28/21	14	37
663	10/28/21	15	9	HLH	663	11/28/21	14	42	LLH	663	12/28/21	15	37
664	10/28/21	16	9	HLH	664	11/28/21	15	42	LLH	664	12/28/21	16	37
665	10/28/21	17	9	HLH	665	11/28/21	16	42	LLH	665	12/28/21	17	37
666	10/28/21	18	9	HLH	666	11/28/21	17	42	LLH	666	12/28/21	18	37
667	10/28/21	19	9	HLH	667	11/28/21	18	42	LLH	667	12/28/21	19	37
668	10/28/21	20	9	HLH	668	11/28/21	19	42	LLH	668	12/28/21	20	37
669	10/28/21	21	9	HLH	669	11/28/21	20	42	LLH	669	12/28/21	21	37
670	10/28/21	22	9	HLH	670	11/28/21	21	42	LLH	670	12/28/21	22	37
671	10/28/21	23	9	LLH	671	11/28/21	22	42	LLH	671	12/28/21	23	37
672	10/28/21	24	9	LLH	672	11/28/21	23	42	LLH	672	12/28/21	24	37
673	10/29/21	1	9	LLH	673	11/28/21	24	42	LLH	673	12/29/21	1	37
674	10/29/21	2	9	LLH	674	11/29/21	1	42	LLH	674	12/29/21	2	37
675	10/29/21	3	9	LLH	675	11/29/21	2	42	LLH	675	12/29/21	3	37
676	10/29/21	4	9	LLH	676	11/29/21	3	42	LLH	676	12/29/21	4	37
677	10/29/21	5	9	LLH	677	11/29/21	4	42	LLH	677	12/29/21	5	37

678	10/29/21	6	9	LLH	678	11/29/21	5	42	LLH	678	12/29/21	6	37
679	10/29/21	7	9	HLH	679	11/29/21	6	42	LLH	679	12/29/21	7	37
680	10/29/21	8	9	HLH	680	11/29/21	7	42	HLH	680	12/29/21	8	37
681	10/29/21	9	9	HLH	681	11/29/21	8	42	HLH	681	12/29/21	9	37
682	10/29/21	10	9	HLH	682	11/29/21	9	42	HLH	682	12/29/21	10	37
683	10/29/21	11	9	HLH	683	11/29/21	10	42	HLH	683	12/29/21	11	37
684	10/29/21	12	9	HLH	684	11/29/21	11	42	HLH	684	12/29/21	12	37
685	10/29/21	13	9	HLH	685	11/29/21	12	42	HLH	685	12/29/21	13	37
686	10/29/21	14	9	HLH	686	11/29/21	13	42	HLH	686	12/29/21	14	37
687	10/29/21	15	9	HLH	687	11/29/21	14	42	HLH	687	12/29/21	15	37
688	10/29/21	16	9	HLH	688	11/29/21	15	42	HLH	688	12/29/21	16	37
689	10/29/21	17	9	HLH	689	11/29/21	16	42	HLH	689	12/29/21	17	37
690	10/29/21	18	9	HLH	690	11/29/21	17	42	HLH	690	12/29/21	18	37
691	10/29/21	19	9	HLH	691	11/29/21	18	42	HLH	691	12/29/21	19	37
692	10/29/21	20	9	HLH	692	11/29/21	19	42	HLH	692	12/29/21	20	37
693	10/29/21	21	9	HLH	693	11/29/21	20	42	HLH	693	12/29/21	21	37
694	10/29/21	22	9	HLH	694	11/29/21	21	42	HLH	694	12/29/21	22	37
695	10/29/21	23	9	LLH	695	11/29/21	22	42	HLH	695	12/29/21	23	37
696	10/29/21	24	9	LLH	696	11/29/21	23	42	LLH	696	12/29/21	24	37
697	10/30/21	1	9	LLH	697	11/29/21	24	42	LLH	697	12/30/21	1	37
698	10/30/21	2	9	LLH	698	11/30/21	1	42	LLH	698	12/30/21	2	37
699	10/30/21	3	9	LLH	699	11/30/21	2	42	LLH	699	12/30/21	3	37
700	10/30/21	4	9	LLH	700	11/30/21	3	42	LLH	700	12/30/21	4	37
701	10/30/21	5	9	LLH	701	11/30/21	4	42	LLH	701	12/30/21	5	37
702	10/30/21	6	9	LLH	702	11/30/21	5	42	LLH	702	12/30/21	6	37
703	10/30/21	7	9	HLH	703	11/30/21	6	42	LLH	703	12/30/21	7	37
704	10/30/21	8	9	HLH	704	11/30/21	7	42	HLH	704	12/30/21	8	37
705	10/30/21	9	9	HLH	705	11/30/21	8	42	HLH	705	12/30/21	9	37
706	10/30/21	10	9	HLH	706	11/30/21	9	42	HLH	706	12/30/21	10	37
707	10/30/21	11	9	HLH	707	11/30/21	10	42	HLH	707	12/30/21	11	37
708	10/30/21	12	9	HLH	708	11/30/21	11	42	HLH	708	12/30/21	12	37
709	10/30/21	13	9	HLH	709	11/30/21	12	42	HLH	709	12/30/21	13	37
710	10/30/21	14	9	HLH	710	11/30/21	13	42	HLH	710	12/30/21	14	37
711	10/30/21	15	9	HLH	711	11/30/21	14	42	HLH	711	12/30/21	15	37

712	10/30/21	16	9	HLH	712	11/30/21	15	42	HLH	712	12/30/21	16	37
713	10/30/21	17	9	HLH	713	11/30/21	16	42	HLH	713	12/30/21	17	37
714	10/30/21	18	9	HLH	714	11/30/21	17	42	HLH	714	12/30/21	18	37
715	10/30/21	19	9	HLH	715	11/30/21	18	42	HLH	715	12/30/21	19	37
716	10/30/21	20	9	HLH	716	11/30/21	19	42	HLH	716	12/30/21	20	37
717	10/30/21	21	9	HLH	717	11/30/21	20	42	HLH	717	12/30/21	21	37
718	10/30/21	22	9	HLH	718	11/30/21	21	42	HLH	718	12/30/21	22	37
719	10/30/21	23	9	LLH	719	11/30/21	22	42	HLH	719	12/30/21	23	37
720	10/30/21	24	9	LLH	720	11/30/21	23	42	LLH	720	12/30/21	24	37
721	10/31/21	1	9	LLH	721	11/30/21	24	42	LLH	721	12/31/21	1	37
722	10/31/21	2	9	LLH						722	12/31/21	2	37
723	10/31/21	3	9	LLH						723	12/31/21	3	37
724	10/31/21	4	9	LLH						724	12/31/21	4	37
725	10/31/21	5	9	LLH						725	12/31/21	5	37
726	10/31/21	6	9	LLH						726	12/31/21	6	37
727	10/31/21	7	9	LLH						727	12/31/21	7	37
728	10/31/21	8	9	LLH						728	12/31/21	8	37
729	10/31/21	9	9	LLH						729	12/31/21	9	37
730	10/31/21	10	9	LLH						730	12/31/21	10	37
731	10/31/21	11	9	LLH						731	12/31/21	11	37
732	10/31/21	12	9	LLH						732	12/31/21	12	37
733	10/31/21	13	9	LLH						733	12/31/21	13	37
734	10/31/21	14	9	LLH						734	12/31/21	14	37
735	10/31/21	15	9	LLH						735	12/31/21	15	37
736	10/31/21	16	9	LLH						736	12/31/21	16	37
737	10/31/21	17	9	LLH						737	12/31/21	17	37
738	10/31/21	18	9	LLH						738	12/31/21	18	37
739	10/31/21	19	9	LLH						739	12/31/21	19	37
740	10/31/21	20	9	LLH						740	12/31/21	20	37
741	10/31/21	21	9	LLH						741	12/31/21	21	37
742	10/31/21	22	9	LLH						742	12/31/21	22	37
743	10/31/21	23	9	LLH						743	12/31/21	23	37
744	10/31/21	24	9	LLH						744	12/31/21	24	37

	January					February					March		
HLH/LLH	Hour in Month	Date	Hour Ending	MW	HLH/LLH	Hour in Month	Date	Hour Ending	MW	HLH/LLH	Hour in Month	Date	Hour Ending
LLH	1	1/1/22	1	53	LLH	1	2/1/22	1	51	LLH	1	3/1/22	1
LLH	2	1/1/22	2	53	LLH	2	2/1/22	2	51	LLH	2	3/1/22	2
LLH	3	1/1/22	3	53	LLH	3	2/1/22	3	51	LLH	3	3/1/22	3
LLH	4	1/1/22	4	53	LLH	4	2/1/22	4	51	LLH	4	3/1/22	4
LLH	5	1/1/22	5	53	LLH	5	2/1/22	5	51	LLH	5	3/1/22	5
LLH	6	1/1/22	6	53	LLH	6	2/1/22	6	51	LLH	6	3/1/22	6
HLH	7	1/1/22	7	53	LLH	7	2/1/22	7	51	HLH	7	3/1/22	7
HLH	8	1/1/22	8	53	LLH	8	2/1/22	8	51	HLH	8	3/1/22	8
HLH	9	1/1/22	9	53	LLH	9	2/1/22	9	51	HLH	9	3/1/22	9
HLH	10	1/1/22	10	53	LLH	10	2/1/22	10	51	HLH	10	3/1/22	10
HLH	11	1/1/22	11	53	LLH	11	2/1/22	11	51	HLH	11	3/1/22	11
HLH	12	1/1/22	12	53	LLH	12	2/1/22	12	51	HLH	12	3/1/22	12
HLH	13	1/1/22	13	53	LLH	13	2/1/22	13	51	HLH	13	3/1/22	13
HLH	14	1/1/22	14	53	LLH	14	2/1/22	14	51	HLH	14	3/1/22	14
HLH	15	1/1/22	15	53	LLH	15	2/1/22	15	51	HLH	15	3/1/22	15
HLH	16	1/1/22	16	53	LLH	16	2/1/22	16	51	HLH	16	3/1/22	16
HLH	17	1/1/22	17	53	LLH	17	2/1/22	17	51	HLH	17	3/1/22	17
HLH	18	1/1/22	18	53	LLH	18	2/1/22	18	51	HLH	18	3/1/22	18
HLH	19	1/1/22	19	53	LLH	19	2/1/22	19	51	HLH	19	3/1/22	19
HLH	20	1/1/22	20	53	LLH	20	2/1/22	20	51	HLH	20	3/1/22	20
HLH	21	1/1/22	21	53	LLH	21	2/1/22	21	51	HLH	21	3/1/22	21
HLH	22	1/1/22	22	53	LLH	22	2/1/22	22	51	HLH	22	3/1/22	22
LLH	23	1/1/22	23	53	LLH	23	2/1/22	23	51	LLH	23	3/1/22	23
LLH	24	1/1/22	24	53	LLH	24	2/1/22	24	51	LLH	24	3/1/22	24
LLH	25	1/2/22	1	53	LLH	25	2/2/22	1	51	LLH	25	3/2/22	1
LLH	26	1/2/22	2	53	LLH	26	2/2/22	2	51	LLH	26	3/2/22	2
LLH	27	1/2/22	3	53	LLH	27	2/2/22	3	51	LLH	27	3/2/22	3
LLH	28	1/2/22	4	53	LLH	28	2/2/22	4	51	LLH	28	3/2/22	4
LLH	29	1/2/22	5	53	LLH	29	2/2/22	5	51	LLH	29	3/2/22	5
LLH	30	1/2/22	6	53	LLH	30	2/2/22	6	51	LLH	30	3/2/22	6
HLH	31	1/2/22	7	53	LLH	31	2/2/22	7	51	HLH	31	3/2/22	7

HLH	32	1/2/22	8	53	LLH	32	2/2/22	8	51	HLH	32	3/2/22	8
HLH	33	1/2/22	9	53	LLH	33	2/2/22	9	51	HLH	33	3/2/22	9
HLH	34	1/2/22	10	53	LLH	34	2/2/22	10	51	HLH	34	3/2/22	10
HLH	35	1/2/22	11	53	LLH	35	2/2/22	11	51	HLH	35	3/2/22	11
HLH	36	1/2/22	12	53	LLH	36	2/2/22	12	51	HLH	36	3/2/22	12
HLH	37	1/2/22	13	53	LLH	37	2/2/22	13	51	HLH	37	3/2/22	13
HLH	38	1/2/22	14	53	LLH	38	2/2/22	14	51	HLH	38	3/2/22	14
HLH	39	1/2/22	15	53	LLH	39	2/2/22	15	51	HLH	39	3/2/22	15
HLH	40	1/2/22	16	53	LLH	40	2/2/22	16	51	HLH	40	3/2/22	16
HLH	41	1/2/22	17	53	LLH	41	2/2/22	17	51	HLH	41	3/2/22	17
HLH	42	1/2/22	18	53	LLH	42	2/2/22	18	51	HLH	42	3/2/22	18
HLH	43	1/2/22	19	53	LLH	43	2/2/22	19	51	HLH	43	3/2/22	19
HLH	44	1/2/22	20	53	LLH	44	2/2/22	20	51	HLH	44	3/2/22	20
HLH	45	1/2/22	21	53	LLH	45	2/2/22	21	51	HLH	45	3/2/22	21
HLH	46	1/2/22	22	53	LLH	46	2/2/22	22	51	HLH	46	3/2/22	22
LLH	47	1/2/22	23	53	LLH	47	2/2/22	23	51	LLH	47	3/2/22	23
LLH	48	1/2/22	24	53	LLH	48	2/2/22	24	51	LLH	48	3/2/22	24
LLH	49	1/3/22	1	53	LLH	49	2/3/22	1	51	LLH	49	3/3/22	1
LLH	50	1/3/22	2	53	LLH	50	2/3/22	2	51	LLH	50	3/3/22	2
LLH	51	1/3/22	3	53	LLH	51	2/3/22	3	51	LLH	51	3/3/22	3
LLH	52	1/3/22	4	53	LLH	52	2/3/22	4	51	LLH	52	3/3/22	4
LLH	53	1/3/22	5	53	LLH	53	2/3/22	5	51	LLH	53	3/3/22	5
LLH	54	1/3/22	6	53	LLH	54	2/3/22	6	51	LLH	54	3/3/22	6
HLH	55	1/3/22	7	53	HLH	55	2/3/22	7	51	HLH	55	3/3/22	7
HLH	56	1/3/22	8	53	HLH	56	2/3/22	8	51	HLH	56	3/3/22	8
HLH	57	1/3/22	9	53	HLH	57	2/3/22	9	51	HLH	57	3/3/22	9
HLH	58	1/3/22	10	53	HLH	58	2/3/22	10	51	HLH	58	3/3/22	10
HLH	59	1/3/22	11	53	HLH	59	2/3/22	11	51	HLH	59	3/3/22	11
HLH	60	1/3/22	12	53	HLH	60	2/3/22	12	51	HLH	60	3/3/22	12
HLH	61	1/3/22	13	53	HLH	61	2/3/22	13	51	HLH	61	3/3/22	13
HLH	62	1/3/22	14	53	HLH	62	2/3/22	14	51	HLH	62	3/3/22	14
HLH	63	1/3/22	15	53	HLH	63	2/3/22	15	51	HLH	63	3/3/22	15
HLH	64	1/3/22	16	53	HLH	64	2/3/22	16	51	HLH	64	3/3/22	16
HLH	65	1/3/22	17	53	HLH	65	2/3/22	17	51	HLH	65	3/3/22	17

HLH	66	1/3/22	18	53	HLH	66	2/3/22	18	51	HLH	66	3/3/22	18
HLH	67	1/3/22	19	53	HLH	67	2/3/22	19	51	HLH	67	3/3/22	19
HLH	68	1/3/22	20	53	HLH	68	2/3/22	20	51	HLH	68	3/3/22	20
HLH	69	1/3/22	21	53	HLH	69	2/3/22	21	51	HLH	69	3/3/22	21
HLH	70	1/3/22	22	53	HLH	70	2/3/22	22	51	HLH	70	3/3/22	22
LLH	71	1/3/22	23	53	LLH	71	2/3/22	23	51	LLH	71	3/3/22	23
LLH	72	1/3/22	24	53	LLH	72	2/3/22	24	51	LLH	72	3/3/22	24
LLH	73	1/4/22	1	53	LLH	73	2/4/22	1	51	LLH	73	3/4/22	1
LLH	74	1/4/22	2	53	LLH	74	2/4/22	2	51	LLH	74	3/4/22	2
LLH	75	1/4/22	3	53	LLH	75	2/4/22	3	51	LLH	75	3/4/22	3
LLH	76	1/4/22	4	53	LLH	76	2/4/22	4	51	LLH	76	3/4/22	4
LLH	77	1/4/22	5	53	LLH	77	2/4/22	5	51	LLH	77	3/4/22	5
LLH	78	1/4/22	6	53	LLH	78	2/4/22	6	51	LLH	78	3/4/22	6
HLH	79	1/4/22	7	53	HLH	79	2/4/22	7	51	HLH	79	3/4/22	7
HLH	80	1/4/22	8	53	HLH	80	2/4/22	8	51	HLH	80	3/4/22	8
HLH	81	1/4/22	9	53	HLH	81	2/4/22	9	51	HLH	81	3/4/22	9
HLH	82	1/4/22	10	53	HLH	82	2/4/22	10	51	HLH	82	3/4/22	10
HLH	83	1/4/22	11	53	HLH	83	2/4/22	11	51	HLH	83	3/4/22	11
HLH	84	1/4/22	12	53	HLH	84	2/4/22	12	51	HLH	84	3/4/22	12
HLH	85	1/4/22	13	53	HLH	85	2/4/22	13	51	HLH	85	3/4/22	13
HLH	86	1/4/22	14	53	HLH	86	2/4/22	14	51	HLH	86	3/4/22	14
HLH	87	1/4/22	15	53	HLH	87	2/4/22	15	51	HLH	87	3/4/22	15
HLH	88	1/4/22	16	53	HLH	88	2/4/22	16	51	HLH	88	3/4/22	16
HLH	89	1/4/22	17	53	HLH	89	2/4/22	17	51	HLH	89	3/4/22	17
HLH	90	1/4/22	18	53	HLH	90	2/4/22	18	51	HLH	90	3/4/22	18
HLH	91	1/4/22	19	53	HLH	91	2/4/22	19	51	HLH	91	3/4/22	19
HLH	92	1/4/22	20	53	HLH	92	2/4/22	20	51	HLH	92	3/4/22	20
HLH	93	1/4/22	21	53	HLH	93	2/4/22	21	51	HLH	93	3/4/22	21
HLH	94	1/4/22	22	53	HLH	94	2/4/22	22	51	HLH	94	3/4/22	22
LLH	95	1/4/22	23	53	LLH	95	2/4/22	23	51	LLH	95	3/4/22	23
LLH	96	1/4/22	24	53	LLH	96	2/4/22	24	51	LLH	96	3/4/22	24
LLH	97	1/5/22	1	53	LLH	97	2/5/22	1	51	LLH	97	3/5/22	1
LLH	98	1/5/22	2	53	LLH	98	2/5/22	2	51	LLH	98	3/5/22	2
LLH	99	1/5/22	3	53	LLH	99	2/5/22	3	51	LLH	99	3/5/22	3

LLH	100	1/5/22	4	53	LLH	100	2/5/22	4	51	LLH	100	3/5/22	4
LLH	101	1/5/22	5	53	LLH	101	2/5/22	5	51	LLH	101	3/5/22	5
LLH	102	1/5/22	6	53	LLH	102	2/5/22	6	51	LLH	102	3/5/22	6
LLH	103	1/5/22	7	53	HLH	103	2/5/22	7	51	HLH	103	3/5/22	7
LLH	104	1/5/22	8	53	HLH	104	2/5/22	8	51	HLH	104	3/5/22	8
LLH	105	1/5/22	9	53	HLH	105	2/5/22	9	51	HLH	105	3/5/22	9
LLH	106	1/5/22	10	53	HLH	106	2/5/22	10	51	HLH	106	3/5/22	10
LLH	107	1/5/22	11	53	HLH	107	2/5/22	11	51	HLH	107	3/5/22	11
LLH	108	1/5/22	12	53	HLH	108	2/5/22	12	51	HLH	108	3/5/22	12
LLH	109	1/5/22	13	53	HLH	109	2/5/22	13	51	HLH	109	3/5/22	13
LLH	110	1/5/22	14	53	HLH	110	2/5/22	14	51	HLH	110	3/5/22	14
LLH	111	1/5/22	15	53	HLH	111	2/5/22	15	51	HLH	111	3/5/22	15
LLH	112	1/5/22	16	53	HLH	112	2/5/22	16	51	HLH	112	3/5/22	16
LLH	113	1/5/22	17	53	HLH	113	2/5/22	17	51	HLH	113	3/5/22	17
LLH	114	1/5/22	18	53	HLH	114	2/5/22	18	51	HLH	114	3/5/22	18
LLH	115	1/5/22	19	53	HLH	115	2/5/22	19	51	HLH	115	3/5/22	19
LLH	116	1/5/22	20	53	HLH	116	2/5/22	20	51	HLH	116	3/5/22	20
LLH	117	1/5/22	21	53	HLH	117	2/5/22	21	51	HLH	117	3/5/22	21
LLH	118	1/5/22	22	53	HLH	118	2/5/22	22	51	HLH	118	3/5/22	22
LLH	119	1/5/22	23	53	LLH	119	2/5/22	23	51	LLH	119	3/5/22	23
LLH	120	1/5/22	24	53	LLH	120	2/5/22	24	51	LLH	120	3/5/22	24
LLH	121	1/6/22	1	53	LLH	121	2/6/22	1	51	LLH	121	3/6/22	1
LLH	122	1/6/22	2	53	LLH	122	2/6/22	2	51	LLH	122	3/6/22	2
LLH	123	1/6/22	3	53	LLH	123	2/6/22	3	51	LLH	123	3/6/22	3
LLH	124	1/6/22	4	53	LLH	124	2/6/22	4	51	LLH	124	3/6/22	4
LLH	125	1/6/22	5	53	LLH	125	2/6/22	5	51	LLH	125	3/6/22	5
LLH	126	1/6/22	6	53	LLH	126	2/6/22	6	51	LLH	126	3/6/22	6
HLH	127	1/6/22	7	53	HLH	127	2/6/22	7	51	LLH	127	3/6/22	7
HLH	128	1/6/22	8	53	HLH	128	2/6/22	8	51	LLH	128	3/6/22	8
HLH	129	1/6/22	9	53	HLH	129	2/6/22	9	51	LLH	129	3/6/22	9
HLH	130	1/6/22	10	53	HLH	130	2/6/22	10	51	LLH	130	3/6/22	10
HLH	131	1/6/22	11	53	HLH	131	2/6/22	11	51	LLH	131	3/6/22	11
HLH	132	1/6/22	12	53	HLH	132	2/6/22	12	51	LLH	132	3/6/22	12
HLH	133	1/6/22	13	53	HLH	133	2/6/22	13	51	LLH	133	3/6/22	13

HLH	134	1/6/22	14	53	HLH	134	2/6/22	14	51	LLH	134	3/6/22	14
HLH	135	1/6/22	15	53	HLH	135	2/6/22	15	51	LLH	135	3/6/22	15
HLH	136	1/6/22	16	53	HLH	136	2/6/22	16	51	LLH	136	3/6/22	16
HLH	137	1/6/22	17	53	HLH	137	2/6/22	17	51	LLH	137	3/6/22	17
HLH	138	1/6/22	18	53	HLH	138	2/6/22	18	51	LLH	138	3/6/22	18
HLH	139	1/6/22	19	53	HLH	139	2/6/22	19	51	LLH	139	3/6/22	19
HLH	140	1/6/22	20	53	HLH	140	2/6/22	20	51	LLH	140	3/6/22	20
HLH	141	1/6/22	21	53	HLH	141	2/6/22	21	51	LLH	141	3/6/22	21
HLH	142	1/6/22	22	53	HLH	142	2/6/22	22	51	LLH	142	3/6/22	22
LLH	143	1/6/22	23	53	LLH	143	2/6/22	23	51	LLH	143	3/6/22	23
LLH	144	1/6/22	24	53	LLH	144	2/6/22	24	51	LLH	144	3/6/22	24
LLH	145	1/7/22	1	53	LLH	145	2/7/22	1	51	LLH	145	3/7/22	1
LLH	146	1/7/22	2	53	LLH	146	2/7/22	2	51	LLH	146	3/7/22	2
LLH	147	1/7/22	3	53	LLH	147	2/7/22	3	51	LLH	147	3/7/22	3
LLH	148	1/7/22	4	53	LLH	148	2/7/22	4	51	LLH	148	3/7/22	4
LLH	149	1/7/22	5	53	LLH	149	2/7/22	5	51	LLH	149	3/7/22	5
LLH	150	1/7/22	6	53	LLH	150	2/7/22	6	51	LLH	150	3/7/22	6
HLH	151	1/7/22	7	53	HLH	151	2/7/22	7	51	HLH	151	3/7/22	7
HLH	152	1/7/22	8	53	HLH	152	2/7/22	8	51	HLH	152	3/7/22	8
HLH	153	1/7/22	9	53	HLH	153	2/7/22	9	51	HLH	153	3/7/22	9
HLH	154	1/7/22	10	53	HLH	154	2/7/22	10	51	HLH	154	3/7/22	10
HLH	155	1/7/22	11	53	HLH	155	2/7/22	11	51	HLH	155	3/7/22	11
HLH	156	1/7/22	12	53	HLH	156	2/7/22	12	51	HLH	156	3/7/22	12
HLH	157	1/7/22	13	53	HLH	157	2/7/22	13	51	HLH	157	3/7/22	13
HLH	158	1/7/22	14	53	HLH	158	2/7/22	14	51	HLH	158	3/7/22	14
HLH	159	1/7/22	15	53	HLH	159	2/7/22	15	51	HLH	159	3/7/22	15
HLH	160	1/7/22	16	53	HLH	160	2/7/22	16	51	HLH	160	3/7/22	16
HLH	161	1/7/22	17	53	HLH	161	2/7/22	17	51	HLH	161	3/7/22	17
HLH	162	1/7/22	18	53	HLH	162	2/7/22	18	51	HLH	162	3/7/22	18
HLH	163	1/7/22	19	53	HLH	163	2/7/22	19	51	HLH	163	3/7/22	19
HLH	164	1/7/22	20	53	HLH	164	2/7/22	20	51	HLH	164	3/7/22	20
HLH	165	1/7/22	21	53	HLH	165	2/7/22	21	51	HLH	165	3/7/22	21
HLH	166	1/7/22	22	53	HLH	166	2/7/22	22	51	HLH	166	3/7/22	22
LLH	167	1/7/22	23	53	LLH	167	2/7/22	23	51	LLH	167	3/7/22	23

LLH	168	1/7/22	24	53	LLH	168	2/7/22	24	51	LLH	168	3/7/22	24
LLH	169	1/8/22	1	53	LLH	169	2/8/22	1	51	LLH	169	3/8/22	1
LLH	170	1/8/22	2	53	LLH	170	2/8/22	2	51	LLH	170	3/8/22	2
LLH	171	1/8/22	3	53	LLH	171	2/8/22	3	51	LLH	171	3/8/22	3
LLH	172	1/8/22	4	53	LLH	172	2/8/22	4	51	LLH	172	3/8/22	4
LLH	173	1/8/22	5	53	LLH	173	2/8/22	5	51	LLH	173	3/8/22	5
LLH	174	1/8/22	6	53	LLH	174	2/8/22	6	51	LLH	174	3/8/22	6
HLH	175	1/8/22	7	53	HLH	175	2/8/22	7	51	HLH	175	3/8/22	7
HLH	176	1/8/22	8	53	HLH	176	2/8/22	8	51	HLH	176	3/8/22	8
HLH	177	1/8/22	9	53	HLH	177	2/8/22	9	51	HLH	177	3/8/22	9
HLH	178	1/8/22	10	53	HLH	178	2/8/22	10	51	HLH	178	3/8/22	10
HLH	179	1/8/22	11	53	HLH	179	2/8/22	11	51	HLH	179	3/8/22	11
HLH	180	1/8/22	12	53	HLH	180	2/8/22	12	51	HLH	180	3/8/22	12
HLH	181	1/8/22	13	53	HLH	181	2/8/22	13	51	HLH	181	3/8/22	13
HLH	182	1/8/22	14	53	HLH	182	2/8/22	14	51	HLH	182	3/8/22	14
HLH	183	1/8/22	15	53	HLH	183	2/8/22	15	51	HLH	183	3/8/22	15
HLH	184	1/8/22	16	53	HLH	184	2/8/22	16	51	HLH	184	3/8/22	16
HLH	185	1/8/22	17	53	HLH	185	2/8/22	17	51	HLH	185	3/8/22	17
HLH	186	1/8/22	18	53	HLH	186	2/8/22	18	51	HLH	186	3/8/22	18
HLH	187	1/8/22	19	53	HLH	187	2/8/22	19	51	HLH	187	3/8/22	19
HLH	188	1/8/22	20	53	HLH	188	2/8/22	20	51	HLH	188	3/8/22	20
HLH	189	1/8/22	21	53	HLH	189	2/8/22	21	51	HLH	189	3/8/22	21
HLH	190	1/8/22	22	53	HLH	190	2/8/22	22	51	HLH	190	3/8/22	22
LLH	191	1/8/22	23	53	LLH	191	2/8/22	23	51	LLH	191	3/8/22	23
LLH	192	1/8/22	24	53	LLH	192	2/8/22	24	51	LLH	192	3/8/22	24
LLH	193	1/9/22	1	53	LLH	193	2/9/22	1	51	LLH	193	3/9/22	1
LLH	194	1/9/22	2	53	LLH	194	2/9/22	2	51	LLH	194	3/9/22	2
LLH	195	1/9/22	3	53	LLH	195	2/9/22	3	51	LLH	195	3/9/22	3
LLH	196	1/9/22	4	53	LLH	196	2/9/22	4	51	LLH	196	3/9/22	4
LLH	197	1/9/22	5	53	LLH	197	2/9/22	5	51	LLH	197	3/9/22	5
LLH	198	1/9/22	6	53	LLH	198	2/9/22	6	51	LLH	198	3/9/22	6
HLH	199	1/9/22	7	53	LLH	199	2/9/22	7	51	HLH	199	3/9/22	7
HLH	200	1/9/22	8	53	LLH	200	2/9/22	8	51	HLH	200	3/9/22	8
HLH	201	1/9/22	9	53	LLH	201	2/9/22	9	51	HLH	201	3/9/22	9

HLH	202	1/9/22	10	53	LLH	202	2/9/22	10	51	HLH	202	3/9/22	10
HLH	203	1/9/22	11	53	LLH	203	2/9/22	11	51	HLH	203	3/9/22	11
HLH	204	1/9/22	12	53	LLH	204	2/9/22	12	51	HLH	204	3/9/22	12
HLH	205	1/9/22	13	53	LLH	205	2/9/22	13	51	HLH	205	3/9/22	13
HLH	206	1/9/22	14	53	LLH	206	2/9/22	14	51	HLH	206	3/9/22	14
HLH	207	1/9/22	15	53	LLH	207	2/9/22	15	51	HLH	207	3/9/22	15
HLH	208	1/9/22	16	53	LLH	208	2/9/22	16	51	HLH	208	3/9/22	16
HLH	209	1/9/22	17	53	LLH	209	2/9/22	17	51	HLH	209	3/9/22	17
HLH	210	1/9/22	18	53	LLH	210	2/9/22	18	51	HLH	210	3/9/22	18
HLH	211	1/9/22	19	53	LLH	211	2/9/22	19	51	HLH	211	3/9/22	19
HLH	212	1/9/22	20	53	LLH	212	2/9/22	20	51	HLH	212	3/9/22	20
HLH	213	1/9/22	21	53	LLH	213	2/9/22	21	51	HLH	213	3/9/22	21
HLH	214	1/9/22	22	53	LLH	214	2/9/22	22	51	HLH	214	3/9/22	22
LLH	215	1/9/22	23	53	LLH	215	2/9/22	23	51	LLH	215	3/9/22	23
LLH	216	1/9/22	24	53	LLH	216	2/9/22	24	51	LLH	216	3/9/22	24
LLH	217	1/10/22	1	53	LLH	217	2/10/22	1	51	LLH	217	3/10/22	1
LLH	218	1/10/22	2	53	LLH	218	2/10/22	2	51	LLH	218	3/10/22	2
LLH	219	1/10/22	3	53	LLH	219	2/10/22	3	51	LLH	219	3/10/22	3
LLH	220	1/10/22	4	53	LLH	220	2/10/22	4	51	LLH	220	3/10/22	4
LLH	221	1/10/22	5	53	LLH	221	2/10/22	5	51	LLH	221	3/10/22	5
LLH	222	1/10/22	6	53	LLH	222	2/10/22	6	51	LLH	222	3/10/22	6
HLH	223	1/10/22	7	53	HLH	223	2/10/22	7	51	HLH	223	3/10/22	7
HLH	224	1/10/22	8	53	HLH	224	2/10/22	8	51	HLH	224	3/10/22	8
HLH	225	1/10/22	9	53	HLH	225	2/10/22	9	51	HLH	225	3/10/22	9
HLH	226	1/10/22	10	53	HLH	226	2/10/22	10	51	HLH	226	3/10/22	10
HLH	227	1/10/22	11	53	HLH	227	2/10/22	11	51	HLH	227	3/10/22	11
HLH	228	1/10/22	12	53	HLH	228	2/10/22	12	51	HLH	228	3/10/22	12
HLH	229	1/10/22	13	53	HLH	229	2/10/22	13	51	HLH	229	3/10/22	13
HLH	230	1/10/22	14	53	HLH	230	2/10/22	14	51	HLH	230	3/10/22	14
HLH	231	1/10/22	15	53	HLH	231	2/10/22	15	51	HLH	231	3/10/22	15
HLH	232	1/10/22	16	53	HLH	232	2/10/22	16	51	HLH	232	3/10/22	16
HLH	233	1/10/22	17	53	HLH	233	2/10/22	17	51	HLH	233	3/10/22	17
HLH	234	1/10/22	18	53	HLH	234	2/10/22	18	51	HLH	234	3/10/22	18
HLH	235	1/10/22	19	53	HLH	235	2/10/22	19	51	HLH	235	3/10/22	19

HLH	236	1/10/22	20	53	HLH	236	2/10/22	20	51	HLH	236	3/10/22	20
HLH	237	1/10/22	21	53	HLH	237	2/10/22	21	51	HLH	237	3/10/22	21
HLH	238	1/10/22	22	53	HLH	238	2/10/22	22	51	HLH	238	3/10/22	22
LLH	239	1/10/22	23	53	LLH	239	2/10/22	23	51	LLH	239	3/10/22	23
LLH	240	1/10/22	24	53	LLH	240	2/10/22	24	51	LLH	240	3/10/22	24
LLH	241	1/11/22	1	53	LLH	241	2/11/22	1	51	LLH	241	3/11/22	1
LLH	242	1/11/22	2	53	LLH	242	2/11/22	2	51	LLH	242	3/11/22	2
LLH	243	1/11/22	3	53	LLH	243	2/11/22	3	51	LLH	243	3/11/22	3
LLH	244	1/11/22	4	53	LLH	244	2/11/22	4	51	LLH	244	3/11/22	4
LLH	245	1/11/22	5	53	LLH	245	2/11/22	5	51	LLH	245	3/11/22	5
LLH	246	1/11/22	6	53	LLH	246	2/11/22	6	51	LLH	246	3/11/22	6
HLH	247	1/11/22	7	53	HLH	247	2/11/22	7	51	HLH	247	3/11/22	7
HLH	248	1/11/22	8	53	HLH	248	2/11/22	8	51	HLH	248	3/11/22	8
HLH	249	1/11/22	9	53	HLH	249	2/11/22	9	51	HLH	249	3/11/22	9
HLH	250	1/11/22	10	53	HLH	250	2/11/22	10	51	HLH	250	3/11/22	10
HLH	251	1/11/22	11	53	HLH	251	2/11/22	11	51	HLH	251	3/11/22	11
HLH	252	1/11/22	12	53	HLH	252	2/11/22	12	51	HLH	252	3/11/22	12
HLH	253	1/11/22	13	53	HLH	253	2/11/22	13	51	HLH	253	3/11/22	13
HLH	254	1/11/22	14	53	HLH	254	2/11/22	14	51	HLH	254	3/11/22	14
HLH	255	1/11/22	15	53	HLH	255	2/11/22	15	51	HLH	255	3/11/22	15
HLH	256	1/11/22	16	53	HLH	256	2/11/22	16	51	HLH	256	3/11/22	16
HLH	257	1/11/22	17	53	HLH	257	2/11/22	17	51	HLH	257	3/11/22	17
HLH	258	1/11/22	18	53	HLH	258	2/11/22	18	51	HLH	258	3/11/22	18
HLH	259	1/11/22	19	53	HLH	259	2/11/22	19	51	HLH	259	3/11/22	19
HLH	260	1/11/22	20	53	HLH	260	2/11/22	20	51	HLH	260	3/11/22	20
HLH	261	1/11/22	21	53	HLH	261	2/11/22	21	51	HLH	261	3/11/22	21
HLH	262	1/11/22	22	53	HLH	262	2/11/22	22	51	HLH	262	3/11/22	22
LLH	263	1/11/22	23	53	LLH	263	2/11/22	23	51	LLH	263	3/11/22	23
LLH	264	1/11/22	24	53	LLH	264	2/11/22	24	51	LLH	264	3/11/22	24
LLH	265	1/12/22	1	53	LLH	265	2/12/22	1	51	LLH	265	3/12/22	1
LLH	266	1/12/22	2	53	LLH	266	2/12/22	2	51	LLH	266	3/12/22	2
LLH	267	1/12/22	3	53	LLH	267	2/12/22	3	51	LLH	267	3/12/22	3
LLH	268	1/12/22	4	53	LLH	268	2/12/22	4	51	LLH	268	3/12/22	4
LLH	269	1/12/22	5	53	LLH	269	2/12/22	5	51	LLH	269	3/12/22	5

LLH	270	1/12/22	6	53	LLH	270	2/12/22	6	51	LLH	270	3/12/22	6
LLH	271	1/12/22	7	53	HLH	271	2/12/22	7	51	HLH	271	3/12/22	7
LLH	272	1/12/22	8	53	HLH	272	2/12/22	8	51	HLH	272	3/12/22	8
LLH	273	1/12/22	9	53	HLH	273	2/12/22	9	51	HLH	273	3/12/22	9
LLH	274	1/12/22	10	53	HLH	274	2/12/22	10	51	HLH	274	3/12/22	10
LLH	275	1/12/22	11	53	HLH	275	2/12/22	11	51	HLH	275	3/12/22	11
LLH	276	1/12/22	12	53	HLH	276	2/12/22	12	51	HLH	276	3/12/22	12
LLH	277	1/12/22	13	53	HLH	277	2/12/22	13	51	HLH	277	3/12/22	13
LLH	278	1/12/22	14	53	HLH	278	2/12/22	14	51	HLH	278	3/12/22	14
LLH	279	1/12/22	15	53	HLH	279	2/12/22	15	51	HLH	279	3/12/22	15
LLH	280	1/12/22	16	53	HLH	280	2/12/22	16	51	HLH	280	3/12/22	16
LLH	281	1/12/22	17	53	HLH	281	2/12/22	17	51	HLH	281	3/12/22	17
LLH	282	1/12/22	18	53	HLH	282	2/12/22	18	51	HLH	282	3/12/22	18
LLH	283	1/12/22	19	53	HLH	283	2/12/22	19	51	HLH	283	3/12/22	19
LLH	284	1/12/22	20	53	HLH	284	2/12/22	20	51	HLH	284	3/12/22	20
LLH	285	1/12/22	21	53	HLH	285	2/12/22	21	51	HLH	285	3/12/22	21
LLH	286	1/12/22	22	53	HLH	286	2/12/22	22	51	HLH	286	3/12/22	22
LLH	287	1/12/22	23	53	LLH	287	2/12/22	23	51	LLH	287	3/12/22	23
LLH	288	1/12/22	24	53	LLH	288	2/12/22	24	51	LLH	288	3/12/22	24
LLH	289	1/13/22	1	53	LLH	289	2/13/22	1	51	LLH	289	3/13/22	1
LLH	290	1/13/22	2	53	LLH	290	2/13/22	2	51	LLH	290	3/13/22	2
LLH	291	1/13/22	3	53	LLH	291	2/13/22	3	51	LLH	291	3/13/22	4
LLH	292	1/13/22	4	53	LLH	292	2/13/22	4	51	LLH	292	3/13/22	5
LLH	293	1/13/22	5	53	LLH	293	2/13/22	5	51	LLH	293	3/13/22	6
LLH	294	1/13/22	6	53	LLH	294	2/13/22	6	51	LLH	294	3/13/22	7
HLH	295	1/13/22	7	53	HLH	295	2/13/22	7	51	LLH	295	3/13/22	8
HLH	296	1/13/22	8	53	HLH	296	2/13/22	8	51	LLH	296	3/13/22	9
HLH	297	1/13/22	9	53	HLH	297	2/13/22	9	51	LLH	297	3/13/22	10
HLH	298	1/13/22	10	53	HLH	298	2/13/22	10	51	LLH	298	3/13/22	11
HLH	299	1/13/22	11	53	HLH	299	2/13/22	11	51	LLH	299	3/13/22	12
HLH	300	1/13/22	12	53	HLH	300	2/13/22	12	51	LLH	300	3/13/22	13
HLH	301	1/13/22	13	53	HLH	301	2/13/22	13	51	LLH	301	3/13/22	14
HLH	302	1/13/22	14	53	HLH	302	2/13/22	14	51	LLH	302	3/13/22	15
HLH	303	1/13/22	15	53	HLH	303	2/13/22	15	51	LLH	303	3/13/22	16

HLH	304	1/13/22	16	53	HLH	304	2/13/22	16	51	LLH	304	3/13/22	17
HLH	305	1/13/22	17	53	HLH	305	2/13/22	17	51	LLH	305	3/13/22	18
HLH	306	1/13/22	18	53	HLH	306	2/13/22	18	51	LLH	306	3/13/22	19
HLH	307	1/13/22	19	53	HLH	307	2/13/22	19	51	LLH	307	3/13/22	20
HLH	308	1/13/22	20	53	HLH	308	2/13/22	20	51	LLH	308	3/13/22	21
HLH	309	1/13/22	21	53	HLH	309	2/13/22	21	51	LLH	309	3/13/22	22
HLH	310	1/13/22	22	53	HLH	310	2/13/22	22	51	LLH	310	3/13/22	23
LLH	311	1/13/22	23	53	LLH	311	2/13/22	23	51	LLH	311	3/13/22	24
LLH	312	1/13/22	24	53	LLH	312	2/13/22	24	51	LLH	312	3/14/22	1
LLH	313	1/14/22	1	53	LLH	313	2/14/22	1	51	LLH	313	3/14/22	2
LLH	314	1/14/22	2	53	LLH	314	2/14/22	2	51	LLH	314	3/14/22	3
LLH	315	1/14/22	3	53	LLH	315	2/14/22	3	51	LLH	315	3/14/22	4
LLH	316	1/14/22	4	53	LLH	316	2/14/22	4	51	LLH	316	3/14/22	5
LLH	317	1/14/22	5	53	LLH	317	2/14/22	5	51	LLH	317	3/14/22	6
LLH	318	1/14/22	6	53	LLH	318	2/14/22	6	51	LLH	318	3/14/22	7
HLH	319	1/14/22	7	53	HLH	319	2/14/22	7	51	HLH	319	3/14/22	8
HLH	320	1/14/22	8	53	HLH	320	2/14/22	8	51	HLH	320	3/14/22	9
HLH	321	1/14/22	9	53	HLH	321	2/14/22	9	51	HLH	321	3/14/22	10
HLH	322	1/14/22	10	53	HLH	322	2/14/22	10	51	HLH	322	3/14/22	11
HLH	323	1/14/22	11	53	HLH	323	2/14/22	11	51	HLH	323	3/14/22	12
HLH	324	1/14/22	12	53	HLH	324	2/14/22	12	51	HLH	324	3/14/22	13
HLH	325	1/14/22	13	53	HLH	325	2/14/22	13	51	HLH	325	3/14/22	14
HLH	326	1/14/22	14	53	HLH	326	2/14/22	14	51	HLH	326	3/14/22	15
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HLH	329	1/14/22	17	53	HLH	329	2/14/22	17	51	HLH	329	3/14/22	18
HLH	330	1/14/22	18	53	HLH	330	2/14/22	18	51	HLH	330	3/14/22	19
HLH	331	1/14/22	19	53	HLH	331	2/14/22	19	51	HLH	331	3/14/22	20
HLH	332	1/14/22	20	53	HLH	332	2/14/22	20	51	HLH	332	3/14/22	21
HLH	333	1/14/22	21	53	HLH	333	2/14/22	21	51	HLH	333	3/14/22	22
HLH	334	1/14/22	22	53	HLH	334	2/14/22	22	51	HLH	334	3/14/22	23
LLH	335	1/14/22	23	53	LLH	335	2/14/22	23	51	LLH	335	3/14/22	24
LLH	336	1/14/22	24	53	LLH	336	2/14/22	24	51	LLH	336	3/15/22	1
LLH	337	1/15/22	1	53	LLH	337	2/15/22	1	51	LLH	337	3/15/22	2

LLH	338	1/15/22	2	53	LLH	338	2/15/22	2	51	LLH	338	3/15/22	3
LLH	339	1/15/22	3	53	LLH	339	2/15/22	3	51	LLH	339	3/15/22	4
LLH	340	1/15/22	4	53	LLH	340	2/15/22	4	51	LLH	340	3/15/22	5
LLH	341	1/15/22	5	53	LLH	341	2/15/22	5	51	LLH	341	3/15/22	6
LLH	342	1/15/22	6	53	LLH	342	2/15/22	6	51	LLH	342	3/15/22	7
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HLH	346	1/15/22	10	53	HLH	346	2/15/22	10	51	HLH	346	3/15/22	11
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HLH	348	1/15/22	12	53	HLH	348	2/15/22	12	51	HLH	348	3/15/22	13
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HLH	352	1/15/22	16	53	HLH	352	2/15/22	16	51	HLH	352	3/15/22	17
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HLH	357	1/15/22	21	53	HLH	357	2/15/22	21	51	HLH	357	3/15/22	22
HLH	358	1/15/22	22	53	HLH	358	2/15/22	22	51	HLH	358	3/15/22	23
LLH	359	1/15/22	23	53	LLH	359	2/15/22	23	51	LLH	359	3/15/22	24
LLH	360	1/15/22	24	53	LLH	360	2/15/22	24	51	LLH	360	3/16/22	1
LLH	361	1/16/22	1	53	LLH	361	2/16/22	1	51	LLH	361	3/16/22	2
LLH	362	1/16/22	2	53	LLH	362	2/16/22	2	51	LLH	362	3/16/22	3
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LLH	364	1/16/22	4	53	LLH	364	2/16/22	4	51	LLH	364	3/16/22	5
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LLH	366	1/16/22	6	53	LLH	366	2/16/22	6	51	LLH	366	3/16/22	7
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HLH	369	1/16/22	9	53	LLH	369	2/16/22	9	51	HLH	369	3/16/22	10
HLH	370	1/16/22	10	53	LLH	370	2/16/22	10	51	HLH	370	3/16/22	11
HLH	371	1/16/22	11	53	LLH	371	2/16/22	11	51	HLH	371	3/16/22	12

HLH	372	1/16/22	12	53	LLH	372	2/16/22	12	51	HLH	372	3/16/22	13
HLH	373	1/16/22	13	53	LLH	373	2/16/22	13	51	HLH	373	3/16/22	14
HLH	374	1/16/22	14	53	LLH	374	2/16/22	14	51	HLH	374	3/16/22	15
HLH	375	1/16/22	15	53	LLH	375	2/16/22	15	51	HLH	375	3/16/22	16
HLH	376	1/16/22	16	53	LLH	376	2/16/22	16	51	HLH	376	3/16/22	17
HLH	377	1/16/22	17	53	LLH	377	2/16/22	17	51	HLH	377	3/16/22	18
HLH	378	1/16/22	18	53	LLH	378	2/16/22	18	51	HLH	378	3/16/22	19
HLH	379	1/16/22	19	53	LLH	379	2/16/22	19	51	HLH	379	3/16/22	20
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HLH	381	1/16/22	21	53	LLH	381	2/16/22	21	51	HLH	381	3/16/22	22
HLH	382	1/16/22	22	53	LLH	382	2/16/22	22	51	HLH	382	3/16/22	23
LLH	383	1/16/22	23	53	LLH	383	2/16/22	23	51	LLH	383	3/16/22	24
LLH	384	1/16/22	24	53	LLH	384	2/16/22	24	51	LLH	384	3/17/22	1
LLH	385	1/17/22	1	53	LLH	385	2/17/22	1	51	LLH	385	3/17/22	2
LLH	386	1/17/22	2	53	LLH	386	2/17/22	2	51	LLH	386	3/17/22	3
LLH	387	1/17/22	3	53	LLH	387	2/17/22	3	51	LLH	387	3/17/22	4
LLH	388	1/17/22	4	53	LLH	388	2/17/22	4	51	LLH	388	3/17/22	5
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LLH	390	1/17/22	6	53	LLH	390	2/17/22	6	51	LLH	390	3/17/22	7
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HLH	392	1/17/22	8	53	HLH	392	2/17/22	8	51	HLH	392	3/17/22	9
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HLH	394	1/17/22	10	53	HLH	394	2/17/22	10	51	HLH	394	3/17/22	11
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HLH	396	1/17/22	12	53	HLH	396	2/17/22	12	51	HLH	396	3/17/22	13
HLH	397	1/17/22	13	53	HLH	397	2/17/22	13	51	HLH	397	3/17/22	14
HLH	398	1/17/22	14	53	HLH	398	2/17/22	14	51	HLH	398	3/17/22	15
HLH	399	1/17/22	15	53	HLH	399	2/17/22	15	51	HLH	399	3/17/22	16
HLH	400	1/17/22	16	53	HLH	400	2/17/22	16	51	HLH	400	3/17/22	17
HLH	401	1/17/22	17	53	HLH	401	2/17/22	17	51	HLH	401	3/17/22	18
HLH	402	1/17/22	18	53	HLH	402	2/17/22	18	51	HLH	402	3/17/22	19
HLH	403	1/17/22	19	53	HLH	403	2/17/22	19	51	HLH	403	3/17/22	20
HLH	404	1/17/22	20	53	HLH	404	2/17/22	20	51	HLH	404	3/17/22	21
HLH	405	1/17/22	21	53	HLH	405	2/17/22	21	51	HLH	405	3/17/22	22

HLH	406	1/17/22	22	53	HLH	406	2/17/22	22	51	HLH	406	3/17/22	23
LLH	407	1/17/22	23	53	LLH	407	2/17/22	23	51	LLH	407	3/17/22	24
LLH	408	1/17/22	24	53	LLH	408	2/17/22	24	51	LLH	408	3/18/22	1
LLH	409	1/18/22	1	53	LLH	409	2/18/22	1	51	LLH	409	3/18/22	2
LLH	410	1/18/22	2	53	LLH	410	2/18/22	2	51	LLH	410	3/18/22	3
LLH	411	1/18/22	3	53	LLH	411	2/18/22	3	51	LLH	411	3/18/22	4
LLH	412	1/18/22	4	53	LLH	412	2/18/22	4	51	LLH	412	3/18/22	5
LLH	413	1/18/22	5	53	LLH	413	2/18/22	5	51	LLH	413	3/18/22	6
LLH	414	1/18/22	6	53	LLH	414	2/18/22	6	51	LLH	414	3/18/22	7
HLH	415	1/18/22	7	53	HLH	415	2/18/22	7	51	HLH	415	3/18/22	8
HLH	416	1/18/22	8	53	HLH	416	2/18/22	8	51	HLH	416	3/18/22	9
HLH	417	1/18/22	9	53	HLH	417	2/18/22	9	51	HLH	417	3/18/22	10
HLH	418	1/18/22	10	53	HLH	418	2/18/22	10	51	HLH	418	3/18/22	11
HLH	419	1/18/22	11	53	HLH	419	2/18/22	11	51	HLH	419	3/18/22	12
HLH	420	1/18/22	12	53	HLH	420	2/18/22	12	51	HLH	420	3/18/22	13
HLH	421	1/18/22	13	53	HLH	421	2/18/22	13	51	HLH	421	3/18/22	14
HLH	422	1/18/22	14	53	HLH	422	2/18/22	14	51	HLH	422	3/18/22	15
HLH	423	1/18/22	15	53	HLH	423	2/18/22	15	51	HLH	423	3/18/22	16
HLH	424	1/18/22	16	53	HLH	424	2/18/22	16	51	HLH	424	3/18/22	17
HLH	425	1/18/22	17	53	HLH	425	2/18/22	17	51	HLH	425	3/18/22	18
HLH	426	1/18/22	18	53	HLH	426	2/18/22	18	51	HLH	426	3/18/22	19
HLH	427	1/18/22	19	53	HLH	427	2/18/22	19	51	HLH	427	3/18/22	20
HLH	428	1/18/22	20	53	HLH	428	2/18/22	20	51	HLH	428	3/18/22	21
HLH	429	1/18/22	21	53	HLH	429	2/18/22	21	51	HLH	429	3/18/22	22
HLH	430	1/18/22	22	53	HLH	430	2/18/22	22	51	HLH	430	3/18/22	23
LLH	431	1/18/22	23	53	LLH	431	2/18/22	23	51	LLH	431	3/18/22	24
LLH	432	1/18/22	24	53	LLH	432	2/18/22	24	51	LLH	432	3/19/22	1
LLH	433	1/19/22	1	53	LLH	433	2/19/22	1	51	LLH	433	3/19/22	2
LLH	434	1/19/22	2	53	LLH	434	2/19/22	2	51	LLH	434	3/19/22	3
LLH	435	1/19/22	3	53	LLH	435	2/19/22	3	51	LLH	435	3/19/22	4
LLH	436	1/19/22	4	53	LLH	436	2/19/22	4	51	LLH	436	3/19/22	5
LLH	437	1/19/22	5	53	LLH	437	2/19/22	5	51	LLH	437	3/19/22	6
LLH	438	1/19/22	6	53	LLH	438	2/19/22	6	51	LLH	438	3/19/22	7
LLH	439	1/19/22	7	53	HLH	439	2/19/22	7	51	HLH	439	3/19/22	8

LLH	440	1/19/22	8	53	HLH	440	2/19/22	8	51	HLH	440	3/19/22	9
LLH	441	1/19/22	9	53	HLH	441	2/19/22	9	51	HLH	441	3/19/22	10
LLH	442	1/19/22	10	53	HLH	442	2/19/22	10	51	HLH	442	3/19/22	11
LLH	443	1/19/22	11	53	HLH	443	2/19/22	11	51	HLH	443	3/19/22	12
LLH	444	1/19/22	12	53	HLH	444	2/19/22	12	51	HLH	444	3/19/22	13
LLH	445	1/19/22	13	53	HLH	445	2/19/22	13	51	HLH	445	3/19/22	14
LLH	446	1/19/22	14	53	HLH	446	2/19/22	14	51	HLH	446	3/19/22	15
LLH	447	1/19/22	15	53	HLH	447	2/19/22	15	51	HLH	447	3/19/22	16
LLH	448	1/19/22	16	53	HLH	448	2/19/22	16	51	HLH	448	3/19/22	17
LLH	449	1/19/22	17	53	HLH	449	2/19/22	17	51	HLH	449	3/19/22	18
LLH	450	1/19/22	18	53	HLH	450	2/19/22	18	51	HLH	450	3/19/22	19
LLH	451	1/19/22	19	53	HLH	451	2/19/22	19	51	HLH	451	3/19/22	20
LLH	452	1/19/22	20	53	HLH	452	2/19/22	20	51	HLH	452	3/19/22	21
LLH	453	1/19/22	21	53	HLH	453	2/19/22	21	51	HLH	453	3/19/22	22
LLH	454	1/19/22	22	53	HLH	454	2/19/22	22	51	HLH	454	3/19/22	23
LLH	455	1/19/22	23	53	LLH	455	2/19/22	23	51	LLH	455	3/19/22	24
LLH	456	1/19/22	24	53	LLH	456	2/19/22	24	51	LLH	456	3/20/22	1
LLH	457	1/20/22	1	53	LLH	457	2/20/22	1	51	LLH	457	3/20/22	2
LLH	458	1/20/22	2	53	LLH	458	2/20/22	2	51	LLH	458	3/20/22	3
LLH	459	1/20/22	3	53	LLH	459	2/20/22	3	51	LLH	459	3/20/22	4
LLH	460	1/20/22	4	53	LLH	460	2/20/22	4	51	LLH	460	3/20/22	5
LLH	461	1/20/22	5	53	LLH	461	2/20/22	5	51	LLH	461	3/20/22	6
LLH	462	1/20/22	6	53	LLH	462	2/20/22	6	51	LLH	462	3/20/22	7
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HLH	465	1/20/22	9	53	HLH	465	2/20/22	9	51	LLH	465	3/20/22	10
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HLH	468	1/20/22	12	53	HLH	468	2/20/22	12	51	LLH	468	3/20/22	13
HLH	469	1/20/22	13	53	HLH	469	2/20/22	13	51	LLH	469	3/20/22	14
HLH	470	1/20/22	14	53	HLH	470	2/20/22	14	51	LLH	470	3/20/22	15
HLH	471	1/20/22	15	53	HLH	471	2/20/22	15	51	LLH	471	3/20/22	16
HLH	472	1/20/22	16	53	HLH	472	2/20/22	16	51	LLH	472	3/20/22	17
HLH	473	1/20/22	17	53	HLH	473	2/20/22	17	51	LLH	473	3/20/22	18

HLH	474	1/20/22	18	53	HLH	474	2/20/22	18	51	LLH	474	3/20/22	19
HLH	475	1/20/22	19	53	HLH	475	2/20/22	19	51	LLH	475	3/20/22	20
HLH	476	1/20/22	20	53	HLH	476	2/20/22	20	51	LLH	476	3/20/22	21
HLH	477	1/20/22	21	53	HLH	477	2/20/22	21	51	LLH	477	3/20/22	22
HLH	478	1/20/22	22	53	HLH	478	2/20/22	22	51	LLH	478	3/20/22	23
LLH	479	1/20/22	23	53	LLH	479	2/20/22	23	51	LLH	479	3/20/22	24
LLH	480	1/20/22	24	53	LLH	480	2/20/22	24	51	LLH	480	3/21/22	1
LLH	481	1/21/22	1	53	LLH	481	2/21/22	1	51	LLH	481	3/21/22	2
LLH	482	1/21/22	2	53	LLH	482	2/21/22	2	51	LLH	482	3/21/22	3
LLH	483	1/21/22	3	53	LLH	483	2/21/22	3	51	LLH	483	3/21/22	4
LLH	484	1/21/22	4	53	LLH	484	2/21/22	4	51	LLH	484	3/21/22	5
LLH	485	1/21/22	5	53	LLH	485	2/21/22	5	51	LLH	485	3/21/22	6
LLH	486	1/21/22	6	53	LLH	486	2/21/22	6	51	LLH	486	3/21/22	7
HLH	487	1/21/22	7	53	HLH	487	2/21/22	7	51	HLH	487	3/21/22	8
HLH	488	1/21/22	8	53	HLH	488	2/21/22	8	51	HLH	488	3/21/22	9
HLH	489	1/21/22	9	53	HLH	489	2/21/22	9	51	HLH	489	3/21/22	10
HLH	490	1/21/22	10	53	HLH	490	2/21/22	10	51	HLH	490	3/21/22	11
HLH	491	1/21/22	11	53	HLH	491	2/21/22	11	51	HLH	491	3/21/22	12
HLH	492	1/21/22	12	53	HLH	492	2/21/22	12	51	HLH	492	3/21/22	13
HLH	493	1/21/22	13	53	HLH	493	2/21/22	13	51	HLH	493	3/21/22	14
HLH	494	1/21/22	14	53	HLH	494	2/21/22	14	51	HLH	494	3/21/22	15
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HLH	496	1/21/22	16	53	HLH	496	2/21/22	16	51	HLH	496	3/21/22	17
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HLH	501	1/21/22	21	53	HLH	501	2/21/22	21	51	HLH	501	3/21/22	22
HLH	502	1/21/22	22	53	HLH	502	2/21/22	22	51	HLH	502	3/21/22	23
LLH	503	1/21/22	23	53	LLH	503	2/21/22	23	51	LLH	503	3/21/22	24
LLH	504	1/21/22	24	53	LLH	504	2/21/22	24	51	LLH	504	3/22/22	1
LLH	505	1/22/22	1	53	LLH	505	2/22/22	1	51	LLH	505	3/22/22	2
LLH	506	1/22/22	2	53	LLH	506	2/22/22	2	51	LLH	506	3/22/22	3
LLH	507	1/22/22	3	53	LLH	507	2/22/22	3	51	LLH	507	3/22/22	4

LLH	508	1/22/22	4	53	LLH	508	2/22/22	4	51	LLH	508	3/22/22	5
LLH	509	1/22/22	5	53	LLH	509	2/22/22	5	51	LLH	509	3/22/22	6
LLH	510	1/22/22	6	53	LLH	510	2/22/22	6	51	LLH	510	3/22/22	7
HLH	511	1/22/22	7	53	HLH	511	2/22/22	7	51	HLH	511	3/22/22	8
HLH	512	1/22/22	8	53	HLH	512	2/22/22	8	51	HLH	512	3/22/22	9
HLH	513	1/22/22	9	53	HLH	513	2/22/22	9	51	HLH	513	3/22/22	10
HLH	514	1/22/22	10	53	HLH	514	2/22/22	10	51	HLH	514	3/22/22	11
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HLH	516	1/22/22	12	53	HLH	516	2/22/22	12	51	HLH	516	3/22/22	13
HLH	517	1/22/22	13	53	HLH	517	2/22/22	13	51	HLH	517	3/22/22	14
HLH	518	1/22/22	14	53	HLH	518	2/22/22	14	51	HLH	518	3/22/22	15
HLH	519	1/22/22	15	53	HLH	519	2/22/22	15	51	HLH	519	3/22/22	16
HLH	520	1/22/22	16	53	HLH	520	2/22/22	16	51	HLH	520	3/22/22	17
HLH	521	1/22/22	17	53	HLH	521	2/22/22	17	51	HLH	521	3/22/22	18
HLH	522	1/22/22	18	53	HLH	522	2/22/22	18	51	HLH	522	3/22/22	19
HLH	523	1/22/22	19	53	HLH	523	2/22/22	19	51	HLH	523	3/22/22	20
HLH	524	1/22/22	20	53	HLH	524	2/22/22	20	51	HLH	524	3/22/22	21
HLH	525	1/22/22	21	53	HLH	525	2/22/22	21	51	HLH	525	3/22/22	22
HLH	526	1/22/22	22	53	HLH	526	2/22/22	22	51	HLH	526	3/22/22	23
LLH	527	1/22/22	23	53	LLH	527	2/22/22	23	51	LLH	527	3/22/22	24
LLH	528	1/22/22	24	53	LLH	528	2/22/22	24	51	LLH	528	3/23/22	1
LLH	529	1/23/22	1	53	LLH	529	2/23/22	1	51	LLH	529	3/23/22	2
LLH	530	1/23/22	2	53	LLH	530	2/23/22	2	51	LLH	530	3/23/22	3
LLH	531	1/23/22	3	53	LLH	531	2/23/22	3	51	LLH	531	3/23/22	4
LLH	532	1/23/22	4	53	LLH	532	2/23/22	4	51	LLH	532	3/23/22	5
LLH	533	1/23/22	5	53	LLH	533	2/23/22	5	51	LLH	533	3/23/22	6
LLH	534	1/23/22	6	53	LLH	534	2/23/22	6	51	LLH	534	3/23/22	7
HLH	535	1/23/22	7	53	LLH	535	2/23/22	7	51	HLH	535	3/23/22	8
HLH	536	1/23/22	8	53	LLH	536	2/23/22	8	51	HLH	536	3/23/22	9
HLH	537	1/23/22	9	53	LLH	537	2/23/22	9	51	HLH	537	3/23/22	10
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HLH	540	1/23/22	12	53	LLH	540	2/23/22	12	51	HLH	540	3/23/22	13
HLH	541	1/23/22	13	53	LLH	541	2/23/22	13	51	HLH	541	3/23/22	14

HLH	542	1/23/22	14	53	LLH	542	2/23/22	14	51	HLH	542	3/23/22	15
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HLH	544	1/23/22	16	53	LLH	544	2/23/22	16	51	HLH	544	3/23/22	17
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HLH	549	1/23/22	21	53	LLH	549	2/23/22	21	51	HLH	549	3/23/22	22
HLH	550	1/23/22	22	53	LLH	550	2/23/22	22	51	HLH	550	3/23/22	23
LLH	551	1/23/22	23	53	LLH	551	2/23/22	23	51	LLH	551	3/23/22	24
LLH	552	1/23/22	24	53	LLH	552	2/23/22	24	51	LLH	552	3/24/22	1
LLH	553	1/24/22	1	53	LLH	553	2/24/22	1	51	LLH	553	3/24/22	2
LLH	554	1/24/22	2	53	LLH	554	2/24/22	2	51	LLH	554	3/24/22	3
LLH	555	1/24/22	3	53	LLH	555	2/24/22	3	51	LLH	555	3/24/22	4
LLH	556	1/24/22	4	53	LLH	556	2/24/22	4	51	LLH	556	3/24/22	5
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LLH	558	1/24/22	6	53	LLH	558	2/24/22	6	51	LLH	558	3/24/22	7
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HLH	560	1/24/22	8	53	HLH	560	2/24/22	8	51	HLH	560	3/24/22	9
HLH	561	1/24/22	9	53	HLH	561	2/24/22	9	51	HLH	561	3/24/22	10
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HLH	564	1/24/22	12	53	HLH	564	2/24/22	12	51	HLH	564	3/24/22	13
HLH	565	1/24/22	13	53	HLH	565	2/24/22	13	51	HLH	565	3/24/22	14
HLH	566	1/24/22	14	53	HLH	566	2/24/22	14	51	HLH	566	3/24/22	15
HLH	567	1/24/22	15	53	HLH	567	2/24/22	15	51	HLH	567	3/24/22	16
HLH	568	1/24/22	16	53	HLH	568	2/24/22	16	51	HLH	568	3/24/22	17
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HLH	571	1/24/22	19	53	HLH	571	2/24/22	19	51	HLH	571	3/24/22	20
HLH	572	1/24/22	20	53	HLH	572	2/24/22	20	51	HLH	572	3/24/22	21
HLH	573	1/24/22	21	53	HLH	573	2/24/22	21	51	HLH	573	3/24/22	22
HLH	574	1/24/22	22	53	HLH	574	2/24/22	22	51	HLH	574	3/24/22	23
LLH	575	1/24/22	23	53	LLH	575	2/24/22	23	51	LLH	575	3/24/22	24

LLH	576	1/24/22	24	53	LLH	576	2/24/22	24	51	LLH	576	3/25/22	1
LLH	577	1/25/22	1	53	LLH	577	2/25/22	1	51	LLH	577	3/25/22	2
LLH	578	1/25/22	2	53	LLH	578	2/25/22	2	51	LLH	578	3/25/22	3
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LLH	580	1/25/22	4	53	LLH	580	2/25/22	4	51	LLH	580	3/25/22	5
LLH	581	1/25/22	5	53	LLH	581	2/25/22	5	51	LLH	581	3/25/22	6
LLH	582	1/25/22	6	53	LLH	582	2/25/22	6	51	LLH	582	3/25/22	7
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LLH	584	1/25/22	8	53	HLH	584	2/25/22	8	51	HLH	584	3/25/22	9
LLH	585	1/25/22	9	53	HLH	585	2/25/22	9	51	HLH	585	3/25/22	10
LLH	586	1/25/22	10	53	HLH	586	2/25/22	10	51	HLH	586	3/25/22	11
LLH	587	1/25/22	11	53	HLH	587	2/25/22	11	51	HLH	587	3/25/22	12
LLH	588	1/25/22	12	53	HLH	588	2/25/22	12	51	HLH	588	3/25/22	13
LLH	589	1/25/22	13	53	HLH	589	2/25/22	13	51	HLH	589	3/25/22	14
LLH	590	1/25/22	14	53	HLH	590	2/25/22	14	51	HLH	590	3/25/22	15
LLH	591	1/25/22	15	53	HLH	591	2/25/22	15	51	HLH	591	3/25/22	16
LLH	592	1/25/22	16	53	HLH	592	2/25/22	16	51	HLH	592	3/25/22	17
LLH	593	1/25/22	17	53	HLH	593	2/25/22	17	51	HLH	593	3/25/22	18
LLH	594	1/25/22	18	53	HLH	594	2/25/22	18	51	HLH	594	3/25/22	19
LLH	595	1/25/22	19	53	HLH	595	2/25/22	19	51	HLH	595	3/25/22	20
LLH	596	1/25/22	20	53	HLH	596	2/25/22	20	51	HLH	596	3/25/22	21
LLH	597	1/25/22	21	53	HLH	597	2/25/22	21	51	HLH	597	3/25/22	22
LLH	598	1/25/22	22	53	HLH	598	2/25/22	22	51	HLH	598	3/25/22	23
LLH	599	1/25/22	23	53	LLH	599	2/25/22	23	51	LLH	599	3/25/22	24
LLH	600	1/25/22	24	53	LLH	600	2/25/22	24	51	LLH	600	3/26/22	1
LLH	601	1/26/22	1	53	LLH	601	2/26/22	1	51	LLH	601	3/26/22	2
LLH	602	1/26/22	2	53	LLH	602	2/26/22	2	51	LLH	602	3/26/22	3
LLH	603	1/26/22	3	53	LLH	603	2/26/22	3	51	LLH	603	3/26/22	4
LLH	604	1/26/22	4	53	LLH	604	2/26/22	4	51	LLH	604	3/26/22	5
LLH	605	1/26/22	5	53	LLH	605	2/26/22	5	51	LLH	605	3/26/22	6
LLH	606	1/26/22	6	53	LLH	606	2/26/22	6	51	LLH	606	3/26/22	7
LLH	607	1/26/22	7	53	HLH	607	2/26/22	7	51	HLH	607	3/26/22	8
LLH	608	1/26/22	8	53	HLH	608	2/26/22	8	51	HLH	608	3/26/22	9
LLH	609	1/26/22	9	53	HLH	609	2/26/22	9	51	HLH	609	3/26/22	10

LLH	610	1/26/22	10	53	HLH	610	2/26/22	10	51	HLH	610	3/26/22	11
LLH	611	1/26/22	11	53	HLH	611	2/26/22	11	51	HLH	611	3/26/22	12
LLH	612	1/26/22	12	53	HLH	612	2/26/22	12	51	HLH	612	3/26/22	13
LLH	613	1/26/22	13	53	HLH	613	2/26/22	13	51	HLH	613	3/26/22	14
LLH	614	1/26/22	14	53	HLH	614	2/26/22	14	51	HLH	614	3/26/22	15
LLH	615	1/26/22	15	53	HLH	615	2/26/22	15	51	HLH	615	3/26/22	16
LLH	616	1/26/22	16	53	HLH	616	2/26/22	16	51	HLH	616	3/26/22	17
LLH	617	1/26/22	17	53	HLH	617	2/26/22	17	51	HLH	617	3/26/22	18
LLH	618	1/26/22	18	53	HLH	618	2/26/22	18	51	HLH	618	3/26/22	19
LLH	619	1/26/22	19	53	HLH	619	2/26/22	19	51	HLH	619	3/26/22	20
LLH	620	1/26/22	20	53	HLH	620	2/26/22	20	51	HLH	620	3/26/22	21
LLH	621	1/26/22	21	53	HLH	621	2/26/22	21	51	HLH	621	3/26/22	22
LLH	622	1/26/22	22	53	HLH	622	2/26/22	22	51	HLH	622	3/26/22	23
LLH	623	1/26/22	23	53	LLH	623	2/26/22	23	51	LLH	623	3/26/22	24
LLH	624	1/26/22	24	53	LLH	624	2/26/22	24	51	LLH	624	3/27/22	1
LLH	625	1/27/22	1	53	LLH	625	2/27/22	1	51	LLH	625	3/27/22	2
LLH	626	1/27/22	2	53	LLH	626	2/27/22	2	51	LLH	626	3/27/22	3
LLH	627	1/27/22	3	53	LLH	627	2/27/22	3	51	LLH	627	3/27/22	4
LLH	628	1/27/22	4	53	LLH	628	2/27/22	4	51	LLH	628	3/27/22	5
LLH	629	1/27/22	5	53	LLH	629	2/27/22	5	51	LLH	629	3/27/22	6
LLH	630	1/27/22	6	53	LLH	630	2/27/22	6	51	LLH	630	3/27/22	7
HLH	631	1/27/22	7	53	HLH	631	2/27/22	7	51	LLH	631	3/27/22	8
HLH	632	1/27/22	8	53	HLH	632	2/27/22	8	51	LLH	632	3/27/22	9
HLH	633	1/27/22	9	53	HLH	633	2/27/22	9	51	LLH	633	3/27/22	10
HLH	634	1/27/22	10	53	HLH	634	2/27/22	10	51	LLH	634	3/27/22	11
HLH	635	1/27/22	11	53	HLH	635	2/27/22	11	51	LLH	635	3/27/22	12
HLH	636	1/27/22	12	53	HLH	636	2/27/22	12	51	LLH	636	3/27/22	13
HLH	637	1/27/22	13	53	HLH	637	2/27/22	13	51	LLH	637	3/27/22	14
HLH	638	1/27/22	14	53	HLH	638	2/27/22	14	51	LLH	638	3/27/22	15
HLH	639	1/27/22	15	53	HLH	639	2/27/22	15	51	LLH	639	3/27/22	16
HLH	640	1/27/22	16	53	HLH	640	2/27/22	16	51	LLH	640	3/27/22	17
HLH	641	1/27/22	17	53	HLH	641	2/27/22	17	51	LLH	641	3/27/22	18
HLH	642	1/27/22	18	53	HLH	642	2/27/22	18	51	LLH	642	3/27/22	19
HLH	643	1/27/22	19	53	HLH	643	2/27/22	19	51	LLH	643	3/27/22	20

HLH	644	1/27/22	20	53	HLH	644	2/27/22	20	51	LLH	644	3/27/22	21
HLH	645	1/27/22	21	53	HLH	645	2/27/22	21	51	LLH	645	3/27/22	22
HLH	646	1/27/22	22	53	HLH	646	2/27/22	22	51	LLH	646	3/27/22	23
LLH	647	1/27/22	23	53	LLH	647	2/27/22	23	51	LLH	647	3/27/22	24
LLH	648	1/27/22	24	53	LLH	648	2/27/22	24	51	LLH	648	3/28/22	1
LLH	649	1/28/22	1	53	LLH	649	2/28/22	1	51	LLH	649	3/28/22	2
LLH	650	1/28/22	2	53	LLH	650	2/28/22	2	51	LLH	650	3/28/22	3
LLH	651	1/28/22	3	53	LLH	651	2/28/22	3	51	LLH	651	3/28/22	4
LLH	652	1/28/22	4	53	LLH	652	2/28/22	4	51	LLH	652	3/28/22	5
LLH	653	1/28/22	5	53	LLH	653	2/28/22	5	51	LLH	653	3/28/22	6
LLH	654	1/28/22	6	53	LLH	654	2/28/22	6	51	LLH	654	3/28/22	7
HLH	655	1/28/22	7	53	HLH	655	2/28/22	7	51	HLH	655	3/28/22	8
HLH	656	1/28/22	8	53	HLH	656	2/28/22	8	51	HLH	656	3/28/22	9
HLH	657	1/28/22	9	53	HLH	657	2/28/22	9	51	HLH	657	3/28/22	10
HLH	658	1/28/22	10	53	HLH	658	2/28/22	10	51	HLH	658	3/28/22	11
HLH	659	1/28/22	11	53	HLH	659	2/28/22	11	51	HLH	659	3/28/22	12
HLH	660	1/28/22	12	53	HLH	660	2/28/22	12	51	HLH	660	3/28/22	13
HLH	661	1/28/22	13	53	HLH	661	2/28/22	13	51	HLH	661	3/28/22	14
HLH	662	1/28/22	14	53	HLH	662	2/28/22	14	51	HLH	662	3/28/22	15
HLH	663	1/28/22	15	53	HLH	663	2/28/22	15	51	HLH	663	3/28/22	16
HLH	664	1/28/22	16	53	HLH	664	2/28/22	16	51	HLH	664	3/28/22	17
HLH	665	1/28/22	17	53	HLH	665	2/28/22	17	51	HLH	665	3/28/22	18
HLH	666	1/28/22	18	53	HLH	666	2/28/22	18	51	HLH	666	3/28/22	19
HLH	667	1/28/22	19	53	HLH	667	2/28/22	19	51	HLH	667	3/28/22	20
HLH	668	1/28/22	20	53	HLH	668	2/28/22	20	51	HLH	668	3/28/22	21
HLH	669	1/28/22	21	53	HLH	669	2/28/22	21	51	HLH	669	3/28/22	22
HLH	670	1/28/22	22	53	HLH	670	2/28/22	22	51	HLH	670	3/28/22	23
LLH	671	1/28/22	23	53	LLH	671	2/28/22	23	51	LLH	671	3/28/22	24
LLH	672	1/28/22	24	53	LLH	672	2/28/22	24	51	LLH	672	3/29/22	1
LLH	673	1/29/22	1	53	LLH						673	3/29/22	2
LLH	674	1/29/22	2	53	LLH						674	3/29/22	3
LLH	675	1/29/22	3	53	LLH						675	3/29/22	4
LLH	676	1/29/22	4	53	LLH						676	3/29/22	5
LLH	677	1/29/22	5	53	LLH						677	3/29/22	6

LLH	678	1/29/22	6	53	LLH				678	3/29/22	7
HLH	679	1/29/22	7	53	HLH				679	3/29/22	8
HLH	680	1/29/22	8	53	HLH				680	3/29/22	9
HLH	681	1/29/22	9	53	HLH				681	3/29/22	10
HLH	682	1/29/22	10	53	HLH				682	3/29/22	11
HLH	683	1/29/22	11	53	HLH				683	3/29/22	12
HLH	684	1/29/22	12	53	HLH				684	3/29/22	13
HLH	685	1/29/22	13	53	HLH				685	3/29/22	14
HLH	686	1/29/22	14	53	HLH				686	3/29/22	15
HLH	687	1/29/22	15	53	HLH				687	3/29/22	16
HLH	688	1/29/22	16	53	HLH				688	3/29/22	17
HLH	689	1/29/22	17	53	HLH				689	3/29/22	18
HLH	690	1/29/22	18	53	HLH				690	3/29/22	19
HLH	691	1/29/22	19	53	HLH				691	3/29/22	20
HLH	692	1/29/22	20	53	HLH				692	3/29/22	21
HLH	693	1/29/22	21	53	HLH				693	3/29/22	22
HLH	694	1/29/22	22	53	HLH				694	3/29/22	23
LLH	695	1/29/22	23	53	LLH				695	3/29/22	24
LLH	696	1/29/22	24	53	LLH				696	3/30/22	1
LLH	697	1/30/22	1	53	LLH				697	3/30/22	2
LLH	698	1/30/22	2	53	LLH				698	3/30/22	3
LLH	699	1/30/22	3	53	LLH				699	3/30/22	4
LLH	700	1/30/22	4	53	LLH				700	3/30/22	5
LLH	701	1/30/22	5	53	LLH				701	3/30/22	6
LLH	702	1/30/22	6	53	LLH				702	3/30/22	7
HLH	703	1/30/22	7	53	LLH				703	3/30/22	8
HLH	704	1/30/22	8	53	LLH				704	3/30/22	9
HLH	705	1/30/22	9	53	LLH				705	3/30/22	10
HLH	706	1/30/22	10	53	LLH				706	3/30/22	11
HLH	707	1/30/22	11	53	LLH				707	3/30/22	12
HLH	708	1/30/22	12	53	LLH				708	3/30/22	13
HLH	709	1/30/22	13	53	LLH				709	3/30/22	14
HLH	710	1/30/22	14	53	LLH				710	3/30/22	15
HLH	711	1/30/22	15	53	LLH				711	3/30/22	16

HLH	712	1/30/22	16	53	LLH
HLH	713	1/30/22	17	53	LLH
HLH	714	1/30/22	18	53	LLH
HLH	715	1/30/22	19	53	LLH
HLH	716	1/30/22	20	53	LLH
HLH	717	1/30/22	21	53	LLH
HLH	718	1/30/22	22	53	LLH
LLH	719	1/30/22	23	53	LLH
LLH	720	1/30/22	24	53	LLH
LLH	721	1/31/22	1	53	LLH
LLH	722	1/31/22	2	53	LLH
LLH	723	1/31/22	3	53	LLH
LLH	724	1/31/22	4	53	LLH
LLH	725	1/31/22	5	53	LLH
LLH	726	1/31/22	6	53	LLH
HLH	727	1/31/22	7	53	HLH
HLH	728	1/31/22	8	53	HLH
HLH	729	1/31/22	9	53	HLH
HLH	730	1/31/22	10	53	HLH
HLH	731	1/31/22	11	53	HLH
HLH	732	1/31/22	12	53	HLH
HLH	733	1/31/22	13	53	HLH
HLH	734	1/31/22	14	53	HLH
HLH	735	1/31/22	15	53	HLH
HLH	736	1/31/22	16	53	HLH
HLH	737	1/31/22	17	53	HLH
HLH	738	1/31/22	18	53	HLH
HLH	739	1/31/22	19	53	HLH
HLH	740	1/31/22	20	53	HLH
HLH	741	1/31/22	21	53	HLH
HLH	742	1/31/22	22	53	HLH
LLH	743	1/31/22	23	53	LLH
LLH	744	1/31/22	24	53	LLH

712	3/30/22	17
713	3/30/22	18
714	3/30/22	19
715	3/30/22	20
716	3/30/22	21
717	3/30/22	22
718	3/30/22	23
719	3/30/22	24
720	3/31/22	1
721	3/31/22	2
722	3/31/22	3
723	3/31/22	4
724	3/31/22	5
725	3/31/22	6
726	3/31/22	7
727	3/31/22	8
728	3/31/22	9
729	3/31/22	10
730	3/31/22	11
731	3/31/22	12
732	3/31/22	13
733	3/31/22	14
734	3/31/22	15
735	3/31/22	16
736	3/31/22	17
737	3/31/22	18
738	3/31/22	19
739	3/31/22	20
740	3/31/22	21
741	3/31/22	22
742	3/31/22	23
743	3/31/22	24

		April					May						
MW	HLH/LLH	Hour in Month	Date	Hour Ending	MW	HLH/LLH	Hour in Month	Date	Hour Ending	MW	HLH/LLH	Hour in Month	Date
44	LLH	1	4/1/22	1	3	LLH	1	5/1/22	1	0	LLH	1	6/1/22
44	LLH	2	4/1/22	2	3	LLH	2	5/1/22	2	0	LLH	2	6/1/22
44	LLH	3	4/1/22	3	3	LLH	3	5/1/22	3	0	LLH	3	6/1/22
44	LLH	4	4/1/22	4	3	LLH	4	5/1/22	4	0	LLH	4	6/1/22
44	LLH	5	4/1/22	5	3	LLH	5	5/1/22	5	0	LLH	5	6/1/22
44	LLH	6	4/1/22	6	3	LLH	6	5/1/22	6	0	LLH	6	6/1/22
44	HLH	7	4/1/22	7	3	HLH	7	5/1/22	7	0	LLH	7	6/1/22
44	HLH	8	4/1/22	8	3	HLH	8	5/1/22	8	0	LLH	8	6/1/22
44	HLH	9	4/1/22	9	3	HLH	9	5/1/22	9	0	LLH	9	6/1/22
44	HLH	10	4/1/22	10	3	HLH	10	5/1/22	10	0	LLH	10	6/1/22
44	HLH	11	4/1/22	11	3	HLH	11	5/1/22	11	0	LLH	11	6/1/22
44	HLH	12	4/1/22	12	3	HLH	12	5/1/22	12	0	LLH	12	6/1/22
44	HLH	13	4/1/22	13	3	HLH	13	5/1/22	13	0	LLH	13	6/1/22
44	HLH	14	4/1/22	14	3	HLH	14	5/1/22	14	0	LLH	14	6/1/22
44	HLH	15	4/1/22	15	3	HLH	15	5/1/22	15	0	LLH	15	6/1/22
44	HLH	16	4/1/22	16	3	HLH	16	5/1/22	16	0	LLH	16	6/1/22
44	HLH	17	4/1/22	17	3	HLH	17	5/1/22	17	0	LLH	17	6/1/22
44	HLH	18	4/1/22	18	3	HLH	18	5/1/22	18	0	LLH	18	6/1/22
44	HLH	19	4/1/22	19	3	HLH	19	5/1/22	19	0	LLH	19	6/1/22
44	HLH	20	4/1/22	20	3	HLH	20	5/1/22	20	0	LLH	20	6/1/22
44	HLH	21	4/1/22	21	3	HLH	21	5/1/22	21	0	LLH	21	6/1/22
44	HLH	22	4/1/22	22	3	HLH	22	5/1/22	22	0	LLH	22	6/1/22
44	LLH	23	4/1/22	23	3	LLH	23	5/1/22	23	0	LLH	23	6/1/22
44	LLH	24	4/1/22	24	3	LLH	24	5/1/22	24	0	LLH	24	6/1/22
44	LLH	25	4/2/22	1	3	LLH	25	5/2/22	1	0	LLH	25	6/2/22
44	LLH	26	4/2/22	2	3	LLH	26	5/2/22	2	0	LLH	26	6/2/22
44	LLH	27	4/2/22	3	3	LLH	27	5/2/22	3	0	LLH	27	6/2/22
44	LLH	28	4/2/22	4	3	LLH	28	5/2/22	4	0	LLH	28	6/2/22
44	LLH	29	4/2/22	5	3	LLH	29	5/2/22	5	0	LLH	29	6/2/22
44	LLH	30	4/2/22	6	3	LLH	30	5/2/22	6	0	LLH	30	6/2/22
44	HLH	31	4/2/22	7	3	HLH	31	5/2/22	7	0	HLH	31	6/2/22

44	HLH	32	4/2/22	8	3	HLH	32	5/2/22	8	0	HLH	32	6/2/22
44	HLH	33	4/2/22	9	3	HLH	33	5/2/22	9	0	HLH	33	6/2/22
44	HLH	34	4/2/22	10	3	HLH	34	5/2/22	10	0	HLH	34	6/2/22
44	HLH	35	4/2/22	11	3	HLH	35	5/2/22	11	0	HLH	35	6/2/22
44	HLH	36	4/2/22	12	3	HLH	36	5/2/22	12	0	HLH	36	6/2/22
44	HLH	37	4/2/22	13	3	HLH	37	5/2/22	13	0	HLH	37	6/2/22
44	HLH	38	4/2/22	14	3	HLH	38	5/2/22	14	0	HLH	38	6/2/22
44	HLH	39	4/2/22	15	3	HLH	39	5/2/22	15	0	HLH	39	6/2/22
44	HLH	40	4/2/22	16	3	HLH	40	5/2/22	16	0	HLH	40	6/2/22
44	HLH	41	4/2/22	17	3	HLH	41	5/2/22	17	0	HLH	41	6/2/22
44	HLH	42	4/2/22	18	3	HLH	42	5/2/22	18	0	HLH	42	6/2/22
44	HLH	43	4/2/22	19	3	HLH	43	5/2/22	19	0	HLH	43	6/2/22
44	HLH	44	4/2/22	20	3	HLH	44	5/2/22	20	0	HLH	44	6/2/22
44	HLH	45	4/2/22	21	3	HLH	45	5/2/22	21	0	HLH	45	6/2/22
44	HLH	46	4/2/22	22	3	HLH	46	5/2/22	22	0	HLH	46	6/2/22
44	LLH	47	4/2/22	23	3	LLH	47	5/2/22	23	0	LLH	47	6/2/22
44	LLH	48	4/2/22	24	3	LLH	48	5/2/22	24	0	LLH	48	6/2/22
44	LLH	49	4/3/22	1	3	LLH	49	5/3/22	1	0	LLH	49	6/3/22
44	LLH	50	4/3/22	2	3	LLH	50	5/3/22	2	0	LLH	50	6/3/22
44	LLH	51	4/3/22	3	3	LLH	51	5/3/22	3	0	LLH	51	6/3/22
44	LLH	52	4/3/22	4	3	LLH	52	5/3/22	4	0	LLH	52	6/3/22
44	LLH	53	4/3/22	5	3	LLH	53	5/3/22	5	0	LLH	53	6/3/22
44	LLH	54	4/3/22	6	3	LLH	54	5/3/22	6	0	LLH	54	6/3/22
44	HLH	55	4/3/22	7	3	LLH	55	5/3/22	7	0	HLH	55	6/3/22
44	HLH	56	4/3/22	8	3	LLH	56	5/3/22	8	0	HLH	56	6/3/22
44	HLH	57	4/3/22	9	3	LLH	57	5/3/22	9	0	HLH	57	6/3/22
44	HLH	58	4/3/22	10	3	LLH	58	5/3/22	10	0	HLH	58	6/3/22
44	HLH	59	4/3/22	11	3	LLH	59	5/3/22	11	0	HLH	59	6/3/22
44	HLH	60	4/3/22	12	3	LLH	60	5/3/22	12	0	HLH	60	6/3/22
44	HLH	61	4/3/22	13	3	LLH	61	5/3/22	13	0	HLH	61	6/3/22
44	HLH	62	4/3/22	14	3	LLH	62	5/3/22	14	0	HLH	62	6/3/22
44	HLH	63	4/3/22	15	3	LLH	63	5/3/22	15	0	HLH	63	6/3/22
44	HLH	64	4/3/22	16	3	LLH	64	5/3/22	16	0	HLH	64	6/3/22
44	HLH	65	4/3/22	17	3	LLH	65	5/3/22	17	0	HLH	65	6/3/22

44	HLH	66	4/3/22	18	3	LLH	66	5/3/22	18	0	HLH	66	6/3/22
44	HLH	67	4/3/22	19	3	LLH	67	5/3/22	19	0	HLH	67	6/3/22
44	HLH	68	4/3/22	20	3	LLH	68	5/3/22	20	0	HLH	68	6/3/22
44	HLH	69	4/3/22	21	3	LLH	69	5/3/22	21	0	HLH	69	6/3/22
44	HLH	70	4/3/22	22	3	LLH	70	5/3/22	22	0	HLH	70	6/3/22
44	LLH	71	4/3/22	23	3	LLH	71	5/3/22	23	0	LLH	71	6/3/22
44	LLH	72	4/3/22	24	3	LLH	72	5/3/22	24	0	LLH	72	6/3/22
44	LLH	73	4/4/22	1	3	LLH	73	5/4/22	1	0	LLH	73	6/4/22
44	LLH	74	4/4/22	2	3	LLH	74	5/4/22	2	0	LLH	74	6/4/22
44	LLH	75	4/4/22	3	3	LLH	75	5/4/22	3	0	LLH	75	6/4/22
44	LLH	76	4/4/22	4	3	LLH	76	5/4/22	4	0	LLH	76	6/4/22
44	LLH	77	4/4/22	5	3	LLH	77	5/4/22	5	0	LLH	77	6/4/22
44	LLH	78	4/4/22	6	3	LLH	78	5/4/22	6	0	LLH	78	6/4/22
44	HLH	79	4/4/22	7	3	HLH	79	5/4/22	7	0	HLH	79	6/4/22
44	HLH	80	4/4/22	8	3	HLH	80	5/4/22	8	0	HLH	80	6/4/22
44	HLH	81	4/4/22	9	3	HLH	81	5/4/22	9	0	HLH	81	6/4/22
44	HLH	82	4/4/22	10	3	HLH	82	5/4/22	10	0	HLH	82	6/4/22
44	HLH	83	4/4/22	11	3	HLH	83	5/4/22	11	0	HLH	83	6/4/22
44	HLH	84	4/4/22	12	3	HLH	84	5/4/22	12	0	HLH	84	6/4/22
44	HLH	85	4/4/22	13	3	HLH	85	5/4/22	13	0	HLH	85	6/4/22
44	HLH	86	4/4/22	14	3	HLH	86	5/4/22	14	0	HLH	86	6/4/22
44	HLH	87	4/4/22	15	3	HLH	87	5/4/22	15	0	HLH	87	6/4/22
44	HLH	88	4/4/22	16	3	HLH	88	5/4/22	16	0	HLH	88	6/4/22
44	HLH	89	4/4/22	17	3	HLH	89	5/4/22	17	0	HLH	89	6/4/22
44	HLH	90	4/4/22	18	3	HLH	90	5/4/22	18	0	HLH	90	6/4/22
44	HLH	91	4/4/22	19	3	HLH	91	5/4/22	19	0	HLH	91	6/4/22
44	HLH	92	4/4/22	20	3	HLH	92	5/4/22	20	0	HLH	92	6/4/22
44	HLH	93	4/4/22	21	3	HLH	93	5/4/22	21	0	HLH	93	6/4/22
44	HLH	94	4/4/22	22	3	HLH	94	5/4/22	22	0	HLH	94	6/4/22
44	LLH	95	4/4/22	23	3	LLH	95	5/4/22	23	0	LLH	95	6/4/22
44	LLH	96	4/4/22	24	3	LLH	96	5/4/22	24	0	LLH	96	6/4/22
44	LLH	97	4/5/22	1	3	LLH	97	5/5/22	1	0	LLH	97	6/5/22
44	LLH	98	4/5/22	2	3	LLH	98	5/5/22	2	0	LLH	98	6/5/22
44	LLH	99	4/5/22	3	3	LLH	99	5/5/22	3	0	LLH	99	6/5/22

44	LLH	100	4/5/22	4	3	LLH	100	5/5/22	4	0	LLH	100	6/5/22
44	LLH	101	4/5/22	5	3	LLH	101	5/5/22	5	0	LLH	101	6/5/22
44	LLH	102	4/5/22	6	3	LLH	102	5/5/22	6	0	LLH	102	6/5/22
44	HLH	103	4/5/22	7	3	HLH	103	5/5/22	7	0	HLH	103	6/5/22
44	HLH	104	4/5/22	8	3	HLH	104	5/5/22	8	0	HLH	104	6/5/22
44	HLH	105	4/5/22	9	3	HLH	105	5/5/22	9	0	HLH	105	6/5/22
44	HLH	106	4/5/22	10	3	HLH	106	5/5/22	10	0	HLH	106	6/5/22
44	HLH	107	4/5/22	11	3	HLH	107	5/5/22	11	0	HLH	107	6/5/22
44	HLH	108	4/5/22	12	3	HLH	108	5/5/22	12	0	HLH	108	6/5/22
44	HLH	109	4/5/22	13	3	HLH	109	5/5/22	13	0	HLH	109	6/5/22
44	HLH	110	4/5/22	14	3	HLH	110	5/5/22	14	0	HLH	110	6/5/22
44	HLH	111	4/5/22	15	3	HLH	111	5/5/22	15	0	HLH	111	6/5/22
44	HLH	112	4/5/22	16	3	HLH	112	5/5/22	16	0	HLH	112	6/5/22
44	HLH	113	4/5/22	17	3	HLH	113	5/5/22	17	0	HLH	113	6/5/22
44	HLH	114	4/5/22	18	3	HLH	114	5/5/22	18	0	HLH	114	6/5/22
44	HLH	115	4/5/22	19	3	HLH	115	5/5/22	19	0	HLH	115	6/5/22
44	HLH	116	4/5/22	20	3	HLH	116	5/5/22	20	0	HLH	116	6/5/22
44	HLH	117	4/5/22	21	3	HLH	117	5/5/22	21	0	HLH	117	6/5/22
44	HLH	118	4/5/22	22	3	HLH	118	5/5/22	22	0	HLH	118	6/5/22
44	LLH	119	4/5/22	23	3	LLH	119	5/5/22	23	0	LLH	119	6/5/22
44	LLH	120	4/5/22	24	3	LLH	120	5/5/22	24	0	LLH	120	6/5/22
44	LLH	121	4/6/22	1	3	LLH	121	5/6/22	1	0	LLH	121	6/6/22
44	LLH	122	4/6/22	2	3	LLH	122	5/6/22	2	0	LLH	122	6/6/22
44	LLH	123	4/6/22	3	3	LLH	123	5/6/22	3	0	LLH	123	6/6/22
44	LLH	124	4/6/22	4	3	LLH	124	5/6/22	4	0	LLH	124	6/6/22
44	LLH	125	4/6/22	5	3	LLH	125	5/6/22	5	0	LLH	125	6/6/22
44	LLH	126	4/6/22	6	3	LLH	126	5/6/22	6	0	LLH	126	6/6/22
44	LLH	127	4/6/22	7	3	HLH	127	5/6/22	7	0	HLH	127	6/6/22
44	LLH	128	4/6/22	8	3	HLH	128	5/6/22	8	0	HLH	128	6/6/22
44	LLH	129	4/6/22	9	3	HLH	129	5/6/22	9	0	HLH	129	6/6/22
44	LLH	130	4/6/22	10	3	HLH	130	5/6/22	10	0	HLH	130	6/6/22
44	LLH	131	4/6/22	11	3	HLH	131	5/6/22	11	0	HLH	131	6/6/22
44	LLH	132	4/6/22	12	3	HLH	132	5/6/22	12	0	HLH	132	6/6/22
44	LLH	133	4/6/22	13	3	HLH	133	5/6/22	13	0	HLH	133	6/6/22

44	LLH	134	4/6/22	14	3	HLH	134	5/6/22	14	0	HLH	134	6/6/22
44	LLH	135	4/6/22	15	3	HLH	135	5/6/22	15	0	HLH	135	6/6/22
44	LLH	136	4/6/22	16	3	HLH	136	5/6/22	16	0	HLH	136	6/6/22
44	LLH	137	4/6/22	17	3	HLH	137	5/6/22	17	0	HLH	137	6/6/22
44	LLH	138	4/6/22	18	3	HLH	138	5/6/22	18	0	HLH	138	6/6/22
44	LLH	139	4/6/22	19	3	HLH	139	5/6/22	19	0	HLH	139	6/6/22
44	LLH	140	4/6/22	20	3	HLH	140	5/6/22	20	0	HLH	140	6/6/22
44	LLH	141	4/6/22	21	3	HLH	141	5/6/22	21	0	HLH	141	6/6/22
44	LLH	142	4/6/22	22	3	HLH	142	5/6/22	22	0	HLH	142	6/6/22
44	LLH	143	4/6/22	23	3	LLH	143	5/6/22	23	0	LLH	143	6/6/22
44	LLH	144	4/6/22	24	3	LLH	144	5/6/22	24	0	LLH	144	6/6/22
44	LLH	145	4/7/22	1	3	LLH	145	5/7/22	1	0	LLH	145	6/7/22
44	LLH	146	4/7/22	2	3	LLH	146	5/7/22	2	0	LLH	146	6/7/22
44	LLH	147	4/7/22	3	3	LLH	147	5/7/22	3	0	LLH	147	6/7/22
44	LLH	148	4/7/22	4	3	LLH	148	5/7/22	4	0	LLH	148	6/7/22
44	LLH	149	4/7/22	5	3	LLH	149	5/7/22	5	0	LLH	149	6/7/22
44	LLH	150	4/7/22	6	3	LLH	150	5/7/22	6	0	LLH	150	6/7/22
44	HLH	151	4/7/22	7	3	HLH	151	5/7/22	7	0	HLH	151	6/7/22
44	HLH	152	4/7/22	8	3	HLH	152	5/7/22	8	0	HLH	152	6/7/22
44	HLH	153	4/7/22	9	3	HLH	153	5/7/22	9	0	HLH	153	6/7/22
44	HLH	154	4/7/22	10	3	HLH	154	5/7/22	10	0	HLH	154	6/7/22
44	HLH	155	4/7/22	11	3	HLH	155	5/7/22	11	0	HLH	155	6/7/22
44	HLH	156	4/7/22	12	3	HLH	156	5/7/22	12	0	HLH	156	6/7/22
44	HLH	157	4/7/22	13	3	HLH	157	5/7/22	13	0	HLH	157	6/7/22
44	HLH	158	4/7/22	14	3	HLH	158	5/7/22	14	0	HLH	158	6/7/22
44	HLH	159	4/7/22	15	3	HLH	159	5/7/22	15	0	HLH	159	6/7/22
44	HLH	160	4/7/22	16	3	HLH	160	5/7/22	16	0	HLH	160	6/7/22
44	HLH	161	4/7/22	17	3	HLH	161	5/7/22	17	0	HLH	161	6/7/22
44	HLH	162	4/7/22	18	3	HLH	162	5/7/22	18	0	HLH	162	6/7/22
44	HLH	163	4/7/22	19	3	HLH	163	5/7/22	19	0	HLH	163	6/7/22
44	HLH	164	4/7/22	20	3	HLH	164	5/7/22	20	0	HLH	164	6/7/22
44	HLH	165	4/7/22	21	3	HLH	165	5/7/22	21	0	HLH	165	6/7/22
44	HLH	166	4/7/22	22	3	HLH	166	5/7/22	22	0	HLH	166	6/7/22
44	LLH	167	4/7/22	23	3	LLH	167	5/7/22	23	0	LLH	167	6/7/22

44	LLH	168	4/7/22	24	3	LLH	168	5/7/22	24	0	LLH	168	6/7/22
44	LLH	169	4/8/22	1	3	LLH	169	5/8/22	1	0	LLH	169	6/8/22
44	LLH	170	4/8/22	2	3	LLH	170	5/8/22	2	0	LLH	170	6/8/22
44	LLH	171	4/8/22	3	3	LLH	171	5/8/22	3	0	LLH	171	6/8/22
44	LLH	172	4/8/22	4	3	LLH	172	5/8/22	4	0	LLH	172	6/8/22
44	LLH	173	4/8/22	5	3	LLH	173	5/8/22	5	0	LLH	173	6/8/22
44	LLH	174	4/8/22	6	3	LLH	174	5/8/22	6	0	LLH	174	6/8/22
44	HLH	175	4/8/22	7	3	HLH	175	5/8/22	7	0	LLH	175	6/8/22
44	HLH	176	4/8/22	8	3	HLH	176	5/8/22	8	0	LLH	176	6/8/22
44	HLH	177	4/8/22	9	3	HLH	177	5/8/22	9	0	LLH	177	6/8/22
44	HLH	178	4/8/22	10	3	HLH	178	5/8/22	10	0	LLH	178	6/8/22
44	HLH	179	4/8/22	11	3	HLH	179	5/8/22	11	0	LLH	179	6/8/22
44	HLH	180	4/8/22	12	3	HLH	180	5/8/22	12	0	LLH	180	6/8/22
44	HLH	181	4/8/22	13	3	HLH	181	5/8/22	13	0	LLH	181	6/8/22
44	HLH	182	4/8/22	14	3	HLH	182	5/8/22	14	0	LLH	182	6/8/22
44	HLH	183	4/8/22	15	3	HLH	183	5/8/22	15	0	LLH	183	6/8/22
44	HLH	184	4/8/22	16	3	HLH	184	5/8/22	16	0	LLH	184	6/8/22
44	HLH	185	4/8/22	17	3	HLH	185	5/8/22	17	0	LLH	185	6/8/22
44	HLH	186	4/8/22	18	3	HLH	186	5/8/22	18	0	LLH	186	6/8/22
44	HLH	187	4/8/22	19	3	HLH	187	5/8/22	19	0	LLH	187	6/8/22
44	HLH	188	4/8/22	20	3	HLH	188	5/8/22	20	0	LLH	188	6/8/22
44	HLH	189	4/8/22	21	3	HLH	189	5/8/22	21	0	LLH	189	6/8/22
44	HLH	190	4/8/22	22	3	HLH	190	5/8/22	22	0	LLH	190	6/8/22
44	LLH	191	4/8/22	23	3	LLH	191	5/8/22	23	0	LLH	191	6/8/22
44	LLH	192	4/8/22	24	3	LLH	192	5/8/22	24	0	LLH	192	6/8/22
44	LLH	193	4/9/22	1	3	LLH	193	5/9/22	1	0	LLH	193	6/9/22
44	LLH	194	4/9/22	2	3	LLH	194	5/9/22	2	0	LLH	194	6/9/22
44	LLH	195	4/9/22	3	3	LLH	195	5/9/22	3	0	LLH	195	6/9/22
44	LLH	196	4/9/22	4	3	LLH	196	5/9/22	4	0	LLH	196	6/9/22
44	LLH	197	4/9/22	5	3	LLH	197	5/9/22	5	0	LLH	197	6/9/22
44	LLH	198	4/9/22	6	3	LLH	198	5/9/22	6	0	LLH	198	6/9/22
44	HLH	199	4/9/22	7	3	HLH	199	5/9/22	7	0	HLH	199	6/9/22
44	HLH	200	4/9/22	8	3	HLH	200	5/9/22	8	0	HLH	200	6/9/22
44	HLH	201	4/9/22	9	3	HLH	201	5/9/22	9	0	HLH	201	6/9/22

44	HLH	202	4/9/22	10	3	HLH	202	5/9/22	10	0	HLH	202	6/9/22
44	HLH	203	4/9/22	11	3	HLH	203	5/9/22	11	0	HLH	203	6/9/22
44	HLH	204	4/9/22	12	3	HLH	204	5/9/22	12	0	HLH	204	6/9/22
44	HLH	205	4/9/22	13	3	HLH	205	5/9/22	13	0	HLH	205	6/9/22
44	HLH	206	4/9/22	14	3	HLH	206	5/9/22	14	0	HLH	206	6/9/22
44	HLH	207	4/9/22	15	3	HLH	207	5/9/22	15	0	HLH	207	6/9/22
44	HLH	208	4/9/22	16	3	HLH	208	5/9/22	16	0	HLH	208	6/9/22
44	HLH	209	4/9/22	17	3	HLH	209	5/9/22	17	0	HLH	209	6/9/22
44	HLH	210	4/9/22	18	3	HLH	210	5/9/22	18	0	HLH	210	6/9/22
44	HLH	211	4/9/22	19	3	HLH	211	5/9/22	19	0	HLH	211	6/9/22
44	HLH	212	4/9/22	20	3	HLH	212	5/9/22	20	0	HLH	212	6/9/22
44	HLH	213	4/9/22	21	3	HLH	213	5/9/22	21	0	HLH	213	6/9/22
44	HLH	214	4/9/22	22	3	HLH	214	5/9/22	22	0	HLH	214	6/9/22
44	LLH	215	4/9/22	23	3	LLH	215	5/9/22	23	0	LLH	215	6/9/22
44	LLH	216	4/9/22	24	3	LLH	216	5/9/22	24	0	LLH	216	6/9/22
44	LLH	217	4/10/22	1	3	LLH	217	5/10/22	1	0	LLH	217	6/10/22
44	LLH	218	4/10/22	2	3	LLH	218	5/10/22	2	0	LLH	218	6/10/22
44	LLH	219	4/10/22	3	3	LLH	219	5/10/22	3	0	LLH	219	6/10/22
44	LLH	220	4/10/22	4	3	LLH	220	5/10/22	4	0	LLH	220	6/10/22
44	LLH	221	4/10/22	5	3	LLH	221	5/10/22	5	0	LLH	221	6/10/22
44	LLH	222	4/10/22	6	3	LLH	222	5/10/22	6	0	LLH	222	6/10/22
44	HLH	223	4/10/22	7	3	LLH	223	5/10/22	7	0	HLH	223	6/10/22
44	HLH	224	4/10/22	8	3	LLH	224	5/10/22	8	0	HLH	224	6/10/22
44	HLH	225	4/10/22	9	3	LLH	225	5/10/22	9	0	HLH	225	6/10/22
44	HLH	226	4/10/22	10	3	LLH	226	5/10/22	10	0	HLH	226	6/10/22
44	HLH	227	4/10/22	11	3	LLH	227	5/10/22	11	0	HLH	227	6/10/22
44	HLH	228	4/10/22	12	3	LLH	228	5/10/22	12	0	HLH	228	6/10/22
44	HLH	229	4/10/22	13	3	LLH	229	5/10/22	13	0	HLH	229	6/10/22
44	HLH	230	4/10/22	14	3	LLH	230	5/10/22	14	0	HLH	230	6/10/22
44	HLH	231	4/10/22	15	3	LLH	231	5/10/22	15	0	HLH	231	6/10/22
44	HLH	232	4/10/22	16	3	LLH	232	5/10/22	16	0	HLH	232	6/10/22
44	HLH	233	4/10/22	17	3	LLH	233	5/10/22	17	0	HLH	233	6/10/22
44	HLH	234	4/10/22	18	3	LLH	234	5/10/22	18	0	HLH	234	6/10/22
44	HLH	235	4/10/22	19	3	LLH	235	5/10/22	19	0	HLH	235	6/10/22

44	HLH	236	4/10/22	20	3	LLH	236	5/10/22	20	0	HLH	236	6/10/22
44	HLH	237	4/10/22	21	3	LLH	237	5/10/22	21	0	HLH	237	6/10/22
44	HLH	238	4/10/22	22	3	LLH	238	5/10/22	22	0	HLH	238	6/10/22
44	LLH	239	4/10/22	23	3	LLH	239	5/10/22	23	0	LLH	239	6/10/22
44	LLH	240	4/10/22	24	3	LLH	240	5/10/22	24	0	LLH	240	6/10/22
44	LLH	241	4/11/22	1	3	LLH	241	5/11/22	1	0	LLH	241	6/11/22
44	LLH	242	4/11/22	2	3	LLH	242	5/11/22	2	0	LLH	242	6/11/22
44	LLH	243	4/11/22	3	3	LLH	243	5/11/22	3	0	LLH	243	6/11/22
44	LLH	244	4/11/22	4	3	LLH	244	5/11/22	4	0	LLH	244	6/11/22
44	LLH	245	4/11/22	5	3	LLH	245	5/11/22	5	0	LLH	245	6/11/22
44	LLH	246	4/11/22	6	3	LLH	246	5/11/22	6	0	LLH	246	6/11/22
44	HLH	247	4/11/22	7	3	HLH	247	5/11/22	7	0	HLH	247	6/11/22
44	HLH	248	4/11/22	8	3	HLH	248	5/11/22	8	0	HLH	248	6/11/22
44	HLH	249	4/11/22	9	3	HLH	249	5/11/22	9	0	HLH	249	6/11/22
44	HLH	250	4/11/22	10	3	HLH	250	5/11/22	10	0	HLH	250	6/11/22
44	HLH	251	4/11/22	11	3	HLH	251	5/11/22	11	0	HLH	251	6/11/22
44	HLH	252	4/11/22	12	3	HLH	252	5/11/22	12	0	HLH	252	6/11/22
44	HLH	253	4/11/22	13	3	HLH	253	5/11/22	13	0	HLH	253	6/11/22
44	HLH	254	4/11/22	14	3	HLH	254	5/11/22	14	0	HLH	254	6/11/22
44	HLH	255	4/11/22	15	3	HLH	255	5/11/22	15	0	HLH	255	6/11/22
44	HLH	256	4/11/22	16	3	HLH	256	5/11/22	16	0	HLH	256	6/11/22
44	HLH	257	4/11/22	17	3	HLH	257	5/11/22	17	0	HLH	257	6/11/22
44	HLH	258	4/11/22	18	3	HLH	258	5/11/22	18	0	HLH	258	6/11/22
44	HLH	259	4/11/22	19	3	HLH	259	5/11/22	19	0	HLH	259	6/11/22
44	HLH	260	4/11/22	20	3	HLH	260	5/11/22	20	0	HLH	260	6/11/22
44	HLH	261	4/11/22	21	3	HLH	261	5/11/22	21	0	HLH	261	6/11/22
44	HLH	262	4/11/22	22	3	HLH	262	5/11/22	22	0	HLH	262	6/11/22
44	LLH	263	4/11/22	23	3	LLH	263	5/11/22	23	0	LLH	263	6/11/22
44	LLH	264	4/11/22	24	3	LLH	264	5/11/22	24	0	LLH	264	6/11/22
44	LLH	265	4/12/22	1	3	LLH	265	5/12/22	1	0	LLH	265	6/12/22
44	LLH	266	4/12/22	2	3	LLH	266	5/12/22	2	0	LLH	266	6/12/22
44	LLH	267	4/12/22	3	3	LLH	267	5/12/22	3	0	LLH	267	6/12/22
44	LLH	268	4/12/22	4	3	LLH	268	5/12/22	4	0	LLH	268	6/12/22
44	LLH	269	4/12/22	5	3	LLH	269	5/12/22	5	0	LLH	269	6/12/22

44	LLH	270	4/12/22	6	3	LLH	270	5/12/22	6	0	LLH	270	6/12/22
44	HLH	271	4/12/22	7	3	HLH	271	5/12/22	7	0	HLH	271	6/12/22
44	HLH	272	4/12/22	8	3	HLH	272	5/12/22	8	0	HLH	272	6/12/22
44	HLH	273	4/12/22	9	3	HLH	273	5/12/22	9	0	HLH	273	6/12/22
44	HLH	274	4/12/22	10	3	HLH	274	5/12/22	10	0	HLH	274	6/12/22
44	HLH	275	4/12/22	11	3	HLH	275	5/12/22	11	0	HLH	275	6/12/22
44	HLH	276	4/12/22	12	3	HLH	276	5/12/22	12	0	HLH	276	6/12/22
44	HLH	277	4/12/22	13	3	HLH	277	5/12/22	13	0	HLH	277	6/12/22
44	HLH	278	4/12/22	14	3	HLH	278	5/12/22	14	0	HLH	278	6/12/22
44	HLH	279	4/12/22	15	3	HLH	279	5/12/22	15	0	HLH	279	6/12/22
44	HLH	280	4/12/22	16	3	HLH	280	5/12/22	16	0	HLH	280	6/12/22
44	HLH	281	4/12/22	17	3	HLH	281	5/12/22	17	0	HLH	281	6/12/22
44	HLH	282	4/12/22	18	3	HLH	282	5/12/22	18	0	HLH	282	6/12/22
44	HLH	283	4/12/22	19	3	HLH	283	5/12/22	19	0	HLH	283	6/12/22
44	HLH	284	4/12/22	20	3	HLH	284	5/12/22	20	0	HLH	284	6/12/22
44	HLH	285	4/12/22	21	3	HLH	285	5/12/22	21	0	HLH	285	6/12/22
44	HLH	286	4/12/22	22	3	HLH	286	5/12/22	22	0	HLH	286	6/12/22
44	LLH	287	4/12/22	23	3	LLH	287	5/12/22	23	0	LLH	287	6/12/22
44	LLH	288	4/12/22	24	3	LLH	288	5/12/22	24	0	LLH	288	6/12/22
44	LLH	289	4/13/22	1	3	LLH	289	5/13/22	1	0	LLH	289	6/13/22
44	LLH	290	4/13/22	2	3	LLH	290	5/13/22	2	0	LLH	290	6/13/22
44	LLH	291	4/13/22	3	3	LLH	291	5/13/22	3	0	LLH	291	6/13/22
44	LLH	292	4/13/22	4	3	LLH	292	5/13/22	4	0	LLH	292	6/13/22
44	LLH	293	4/13/22	5	3	LLH	293	5/13/22	5	0	LLH	293	6/13/22
44	LLH	294	4/13/22	6	3	LLH	294	5/13/22	6	0	LLH	294	6/13/22
44	LLH	295	4/13/22	7	3	HLH	295	5/13/22	7	0	HLH	295	6/13/22
44	LLH	296	4/13/22	8	3	HLH	296	5/13/22	8	0	HLH	296	6/13/22
44	LLH	297	4/13/22	9	3	HLH	297	5/13/22	9	0	HLH	297	6/13/22
44	LLH	298	4/13/22	10	3	HLH	298	5/13/22	10	0	HLH	298	6/13/22
44	LLH	299	4/13/22	11	3	HLH	299	5/13/22	11	0	HLH	299	6/13/22
44	LLH	300	4/13/22	12	3	HLH	300	5/13/22	12	0	HLH	300	6/13/22
44	LLH	301	4/13/22	13	3	HLH	301	5/13/22	13	0	HLH	301	6/13/22
44	LLH	302	4/13/22	14	3	HLH	302	5/13/22	14	0	HLH	302	6/13/22
44	LLH	303	4/13/22	15	3	HLH	303	5/13/22	15	0	HLH	303	6/13/22

44	LLH	304	4/13/22	16	3	HLH	304	5/13/22	16	0	HLH	304	6/13/22
44	LLH	305	4/13/22	17	3	HLH	305	5/13/22	17	0	HLH	305	6/13/22
44	LLH	306	4/13/22	18	3	HLH	306	5/13/22	18	0	HLH	306	6/13/22
44	LLH	307	4/13/22	19	3	HLH	307	5/13/22	19	0	HLH	307	6/13/22
44	LLH	308	4/13/22	20	3	HLH	308	5/13/22	20	0	HLH	308	6/13/22
44	LLH	309	4/13/22	21	3	HLH	309	5/13/22	21	0	HLH	309	6/13/22
44	LLH	310	4/13/22	22	3	HLH	310	5/13/22	22	0	HLH	310	6/13/22
44	LLH	311	4/13/22	23	3	LLH	311	5/13/22	23	0	LLH	311	6/13/22
44	LLH	312	4/13/22	24	3	LLH	312	5/13/22	24	0	LLH	312	6/13/22
44	LLH	313	4/14/22	1	3	LLH	313	5/14/22	1	0	LLH	313	6/14/22
44	LLH	314	4/14/22	2	3	LLH	314	5/14/22	2	0	LLH	314	6/14/22
44	LLH	315	4/14/22	3	3	LLH	315	5/14/22	3	0	LLH	315	6/14/22
44	LLH	316	4/14/22	4	3	LLH	316	5/14/22	4	0	LLH	316	6/14/22
44	LLH	317	4/14/22	5	3	LLH	317	5/14/22	5	0	LLH	317	6/14/22
44	HLH	318	4/14/22	6	3	LLH	318	5/14/22	6	0	LLH	318	6/14/22
44	HLH	319	4/14/22	7	3	HLH	319	5/14/22	7	0	HLH	319	6/14/22
44	HLH	320	4/14/22	8	3	HLH	320	5/14/22	8	0	HLH	320	6/14/22
44	HLH	321	4/14/22	9	3	HLH	321	5/14/22	9	0	HLH	321	6/14/22
44	HLH	322	4/14/22	10	3	HLH	322	5/14/22	10	0	HLH	322	6/14/22
44	HLH	323	4/14/22	11	3	HLH	323	5/14/22	11	0	HLH	323	6/14/22
44	HLH	324	4/14/22	12	3	HLH	324	5/14/22	12	0	HLH	324	6/14/22
44	HLH	325	4/14/22	13	3	HLH	325	5/14/22	13	0	HLH	325	6/14/22
44	HLH	326	4/14/22	14	3	HLH	326	5/14/22	14	0	HLH	326	6/14/22
44	HLH	327	4/14/22	15	3	HLH	327	5/14/22	15	0	HLH	327	6/14/22
44	HLH	328	4/14/22	16	3	HLH	328	5/14/22	16	0	HLH	328	6/14/22
44	HLH	329	4/14/22	17	3	HLH	329	5/14/22	17	0	HLH	329	6/14/22
44	HLH	330	4/14/22	18	3	HLH	330	5/14/22	18	0	HLH	330	6/14/22
44	HLH	331	4/14/22	19	3	HLH	331	5/14/22	19	0	HLH	331	6/14/22
44	HLH	332	4/14/22	20	3	HLH	332	5/14/22	20	0	HLH	332	6/14/22
44	HLH	333	4/14/22	21	3	HLH	333	5/14/22	21	0	HLH	333	6/14/22
44	LLH	334	4/14/22	22	3	HLH	334	5/14/22	22	0	HLH	334	6/14/22
44	LLH	335	4/14/22	23	3	LLH	335	5/14/22	23	0	LLH	335	6/14/22
44	LLH	336	4/14/22	24	3	LLH	336	5/14/22	24	0	LLH	336	6/14/22
44	LLH	337	4/15/22	1	3	LLH	337	5/15/22	1	0	LLH	337	6/15/22

44	LLH	338	4/15/22	2	3	LLH	338	5/15/22	2	0	LLH	338	6/15/22
44	LLH	339	4/15/22	3	3	LLH	339	5/15/22	3	0	LLH	339	6/15/22
44	LLH	340	4/15/22	4	3	LLH	340	5/15/22	4	0	LLH	340	6/15/22
44	LLH	341	4/15/22	5	3	LLH	341	5/15/22	5	0	LLH	341	6/15/22
44	HLH	342	4/15/22	6	3	LLH	342	5/15/22	6	0	LLH	342	6/15/22
44	HLH	343	4/15/22	7	3	HLH	343	5/15/22	7	0	LLH	343	6/15/22
44	HLH	344	4/15/22	8	3	HLH	344	5/15/22	8	0	LLH	344	6/15/22
44	HLH	345	4/15/22	9	3	HLH	345	5/15/22	9	0	LLH	345	6/15/22
44	HLH	346	4/15/22	10	3	HLH	346	5/15/22	10	0	LLH	346	6/15/22
44	HLH	347	4/15/22	11	3	HLH	347	5/15/22	11	0	LLH	347	6/15/22
44	HLH	348	4/15/22	12	3	HLH	348	5/15/22	12	0	LLH	348	6/15/22
44	HLH	349	4/15/22	13	3	HLH	349	5/15/22	13	0	LLH	349	6/15/22
44	HLH	350	4/15/22	14	3	HLH	350	5/15/22	14	0	LLH	350	6/15/22
44	HLH	351	4/15/22	15	3	HLH	351	5/15/22	15	0	LLH	351	6/15/22
44	HLH	352	4/15/22	16	3	HLH	352	5/15/22	16	0	LLH	352	6/15/22
44	HLH	353	4/15/22	17	3	HLH	353	5/15/22	17	0	LLH	353	6/15/22
44	HLH	354	4/15/22	18	3	HLH	354	5/15/22	18	0	LLH	354	6/15/22
44	HLH	355	4/15/22	19	3	HLH	355	5/15/22	19	0	LLH	355	6/15/22
44	HLH	356	4/15/22	20	3	HLH	356	5/15/22	20	0	LLH	356	6/15/22
44	HLH	357	4/15/22	21	3	HLH	357	5/15/22	21	0	LLH	357	6/15/22
44	LLH	358	4/15/22	22	3	HLH	358	5/15/22	22	0	LLH	358	6/15/22
44	LLH	359	4/15/22	23	3	LLH	359	5/15/22	23	0	LLH	359	6/15/22
44	LLH	360	4/15/22	24	3	LLH	360	5/15/22	24	0	LLH	360	6/15/22
44	LLH	361	4/16/22	1	3	LLH	361	5/16/22	1	0	LLH	361	6/16/22
44	LLH	362	4/16/22	2	3	LLH	362	5/16/22	2	0	LLH	362	6/16/22
44	LLH	363	4/16/22	3	3	LLH	363	5/16/22	3	0	LLH	363	6/16/22
44	LLH	364	4/16/22	4	3	LLH	364	5/16/22	4	0	LLH	364	6/16/22
44	LLH	365	4/16/22	5	3	LLH	365	5/16/22	5	0	LLH	365	6/16/22
44	HLH	366	4/16/22	6	3	LLH	366	5/16/22	6	0	LLH	366	6/16/22
44	HLH	367	4/16/22	7	3	HLH	367	5/16/22	7	0	HLH	367	6/16/22
44	HLH	368	4/16/22	8	3	HLH	368	5/16/22	8	0	HLH	368	6/16/22
44	HLH	369	4/16/22	9	3	HLH	369	5/16/22	9	0	HLH	369	6/16/22
44	HLH	370	4/16/22	10	3	HLH	370	5/16/22	10	0	HLH	370	6/16/22
44	HLH	371	4/16/22	11	3	HLH	371	5/16/22	11	0	HLH	371	6/16/22

44	HLH	372	4/16/22	12	3	HLH	372	5/16/22	12	0	HLH	372	6/16/22
44	HLH	373	4/16/22	13	3	HLH	373	5/16/22	13	0	HLH	373	6/16/22
44	HLH	374	4/16/22	14	3	HLH	374	5/16/22	14	0	HLH	374	6/16/22
44	HLH	375	4/16/22	15	3	HLH	375	5/16/22	15	0	HLH	375	6/16/22
44	HLH	376	4/16/22	16	3	HLH	376	5/16/22	16	0	HLH	376	6/16/22
44	HLH	377	4/16/22	17	3	HLH	377	5/16/22	17	0	HLH	377	6/16/22
44	HLH	378	4/16/22	18	3	HLH	378	5/16/22	18	0	HLH	378	6/16/22
44	HLH	379	4/16/22	19	3	HLH	379	5/16/22	19	0	HLH	379	6/16/22
44	HLH	380	4/16/22	20	3	HLH	380	5/16/22	20	0	HLH	380	6/16/22
44	HLH	381	4/16/22	21	3	HLH	381	5/16/22	21	0	HLH	381	6/16/22
44	LLH	382	4/16/22	22	3	HLH	382	5/16/22	22	0	HLH	382	6/16/22
44	LLH	383	4/16/22	23	3	LLH	383	5/16/22	23	0	LLH	383	6/16/22
44	LLH	384	4/16/22	24	3	LLH	384	5/16/22	24	0	LLH	384	6/16/22
44	LLH	385	4/17/22	1	3	LLH	385	5/17/22	1	0	LLH	385	6/17/22
44	LLH	386	4/17/22	2	3	LLH	386	5/17/22	2	0	LLH	386	6/17/22
44	LLH	387	4/17/22	3	3	LLH	387	5/17/22	3	0	LLH	387	6/17/22
44	LLH	388	4/17/22	4	3	LLH	388	5/17/22	4	0	LLH	388	6/17/22
44	LLH	389	4/17/22	5	3	LLH	389	5/17/22	5	0	LLH	389	6/17/22
44	HLH	390	4/17/22	6	3	LLH	390	5/17/22	6	0	LLH	390	6/17/22
44	HLH	391	4/17/22	7	3	LLH	391	5/17/22	7	0	HLH	391	6/17/22
44	HLH	392	4/17/22	8	3	LLH	392	5/17/22	8	0	HLH	392	6/17/22
44	HLH	393	4/17/22	9	3	LLH	393	5/17/22	9	0	HLH	393	6/17/22
44	HLH	394	4/17/22	10	3	LLH	394	5/17/22	10	0	HLH	394	6/17/22
44	HLH	395	4/17/22	11	3	LLH	395	5/17/22	11	0	HLH	395	6/17/22
44	HLH	396	4/17/22	12	3	LLH	396	5/17/22	12	0	HLH	396	6/17/22
44	HLH	397	4/17/22	13	3	LLH	397	5/17/22	13	0	HLH	397	6/17/22
44	HLH	398	4/17/22	14	3	LLH	398	5/17/22	14	0	HLH	398	6/17/22
44	HLH	399	4/17/22	15	3	LLH	399	5/17/22	15	0	HLH	399	6/17/22
44	HLH	400	4/17/22	16	3	LLH	400	5/17/22	16	0	HLH	400	6/17/22
44	HLH	401	4/17/22	17	3	LLH	401	5/17/22	17	0	HLH	401	6/17/22
44	HLH	402	4/17/22	18	3	LLH	402	5/17/22	18	0	HLH	402	6/17/22
44	HLH	403	4/17/22	19	3	LLH	403	5/17/22	19	0	HLH	403	6/17/22
44	HLH	404	4/17/22	20	3	LLH	404	5/17/22	20	0	HLH	404	6/17/22
44	HLH	405	4/17/22	21	3	LLH	405	5/17/22	21	0	HLH	405	6/17/22

44	LLH	406	4/17/22	22	3	LLH	406	5/17/22	22	0	HLH	406	6/17/22
44	LLH	407	4/17/22	23	3	LLH	407	5/17/22	23	0	LLH	407	6/17/22
44	LLH	408	4/17/22	24	3	LLH	408	5/17/22	24	0	LLH	408	6/17/22
44	LLH	409	4/18/22	1	3	LLH	409	5/18/22	1	0	LLH	409	6/18/22
44	LLH	410	4/18/22	2	3	LLH	410	5/18/22	2	0	LLH	410	6/18/22
44	LLH	411	4/18/22	3	3	LLH	411	5/18/22	3	0	LLH	411	6/18/22
44	LLH	412	4/18/22	4	3	LLH	412	5/18/22	4	0	LLH	412	6/18/22
44	LLH	413	4/18/22	5	3	LLH	413	5/18/22	5	0	LLH	413	6/18/22
44	HLH	414	4/18/22	6	3	LLH	414	5/18/22	6	0	LLH	414	6/18/22
44	HLH	415	4/18/22	7	3	HLH	415	5/18/22	7	0	HLH	415	6/18/22
44	HLH	416	4/18/22	8	3	HLH	416	5/18/22	8	0	HLH	416	6/18/22
44	HLH	417	4/18/22	9	3	HLH	417	5/18/22	9	0	HLH	417	6/18/22
44	HLH	418	4/18/22	10	3	HLH	418	5/18/22	10	0	HLH	418	6/18/22
44	HLH	419	4/18/22	11	3	HLH	419	5/18/22	11	0	HLH	419	6/18/22
44	HLH	420	4/18/22	12	3	HLH	420	5/18/22	12	0	HLH	420	6/18/22
44	HLH	421	4/18/22	13	3	HLH	421	5/18/22	13	0	HLH	421	6/18/22
44	HLH	422	4/18/22	14	3	HLH	422	5/18/22	14	0	HLH	422	6/18/22
44	HLH	423	4/18/22	15	3	HLH	423	5/18/22	15	0	HLH	423	6/18/22
44	HLH	424	4/18/22	16	3	HLH	424	5/18/22	16	0	HLH	424	6/18/22
44	HLH	425	4/18/22	17	3	HLH	425	5/18/22	17	0	HLH	425	6/18/22
44	HLH	426	4/18/22	18	3	HLH	426	5/18/22	18	0	HLH	426	6/18/22
44	HLH	427	4/18/22	19	3	HLH	427	5/18/22	19	0	HLH	427	6/18/22
44	HLH	428	4/18/22	20	3	HLH	428	5/18/22	20	0	HLH	428	6/18/22
44	HLH	429	4/18/22	21	3	HLH	429	5/18/22	21	0	HLH	429	6/18/22
44	LLH	430	4/18/22	22	3	HLH	430	5/18/22	22	0	HLH	430	6/18/22
44	LLH	431	4/18/22	23	3	LLH	431	5/18/22	23	0	LLH	431	6/18/22
44	LLH	432	4/18/22	24	3	LLH	432	5/18/22	24	0	LLH	432	6/18/22
44	LLH	433	4/19/22	1	3	LLH	433	5/19/22	1	0	LLH	433	6/19/22
44	LLH	434	4/19/22	2	3	LLH	434	5/19/22	2	0	LLH	434	6/19/22
44	LLH	435	4/19/22	3	3	LLH	435	5/19/22	3	0	LLH	435	6/19/22
44	LLH	436	4/19/22	4	3	LLH	436	5/19/22	4	0	LLH	436	6/19/22
44	LLH	437	4/19/22	5	3	LLH	437	5/19/22	5	0	LLH	437	6/19/22
44	HLH	438	4/19/22	6	3	LLH	438	5/19/22	6	0	LLH	438	6/19/22
44	HLH	439	4/19/22	7	3	HLH	439	5/19/22	7	0	HLH	439	6/19/22

44	HLH	440	4/19/22	8	3	HLH	440	5/19/22	8	0	HLH	440	6/19/22
44	HLH	441	4/19/22	9	3	HLH	441	5/19/22	9	0	HLH	441	6/19/22
44	HLH	442	4/19/22	10	3	HLH	442	5/19/22	10	0	HLH	442	6/19/22
44	HLH	443	4/19/22	11	3	HLH	443	5/19/22	11	0	HLH	443	6/19/22
44	HLH	444	4/19/22	12	3	HLH	444	5/19/22	12	0	HLH	444	6/19/22
44	HLH	445	4/19/22	13	3	HLH	445	5/19/22	13	0	HLH	445	6/19/22
44	HLH	446	4/19/22	14	3	HLH	446	5/19/22	14	0	HLH	446	6/19/22
44	HLH	447	4/19/22	15	3	HLH	447	5/19/22	15	0	HLH	447	6/19/22
44	HLH	448	4/19/22	16	3	HLH	448	5/19/22	16	0	HLH	448	6/19/22
44	HLH	449	4/19/22	17	3	HLH	449	5/19/22	17	0	HLH	449	6/19/22
44	HLH	450	4/19/22	18	3	HLH	450	5/19/22	18	0	HLH	450	6/19/22
44	HLH	451	4/19/22	19	3	HLH	451	5/19/22	19	0	HLH	451	6/19/22
44	HLH	452	4/19/22	20	3	HLH	452	5/19/22	20	0	HLH	452	6/19/22
44	HLH	453	4/19/22	21	3	HLH	453	5/19/22	21	0	HLH	453	6/19/22
44	LLH	454	4/19/22	22	3	HLH	454	5/19/22	22	0	HLH	454	6/19/22
44	LLH	455	4/19/22	23	3	LLH	455	5/19/22	23	0	LLH	455	6/19/22
44	LLH	456	4/19/22	24	3	LLH	456	5/19/22	24	0	LLH	456	6/19/22
44	LLH	457	4/20/22	1	3	LLH	457	5/20/22	1	0	LLH	457	6/20/22
44	LLH	458	4/20/22	2	3	LLH	458	5/20/22	2	0	LLH	458	6/20/22
44	LLH	459	4/20/22	3	3	LLH	459	5/20/22	3	0	LLH	459	6/20/22
44	LLH	460	4/20/22	4	3	LLH	460	5/20/22	4	0	LLH	460	6/20/22
44	LLH	461	4/20/22	5	3	LLH	461	5/20/22	5	0	LLH	461	6/20/22
44	LLH	462	4/20/22	6	3	LLH	462	5/20/22	6	0	LLH	462	6/20/22
44	LLH	463	4/20/22	7	3	HLH	463	5/20/22	7	0	HLH	463	6/20/22
44	LLH	464	4/20/22	8	3	HLH	464	5/20/22	8	0	HLH	464	6/20/22
44	LLH	465	4/20/22	9	3	HLH	465	5/20/22	9	0	HLH	465	6/20/22
44	LLH	466	4/20/22	10	3	HLH	466	5/20/22	10	0	HLH	466	6/20/22
44	LLH	467	4/20/22	11	3	HLH	467	5/20/22	11	0	HLH	467	6/20/22
44	LLH	468	4/20/22	12	3	HLH	468	5/20/22	12	0	HLH	468	6/20/22
44	LLH	469	4/20/22	13	3	HLH	469	5/20/22	13	0	HLH	469	6/20/22
44	LLH	470	4/20/22	14	3	HLH	470	5/20/22	14	0	HLH	470	6/20/22
44	LLH	471	4/20/22	15	3	HLH	471	5/20/22	15	0	HLH	471	6/20/22
44	LLH	472	4/20/22	16	3	HLH	472	5/20/22	16	0	HLH	472	6/20/22
44	LLH	473	4/20/22	17	3	HLH	473	5/20/22	17	0	HLH	473	6/20/22

44	LLH	474	4/20/22	18	3	HLH	474	5/20/22	18	0	HLH	474	6/20/22
44	LLH	475	4/20/22	19	3	HLH	475	5/20/22	19	0	HLH	475	6/20/22
44	LLH	476	4/20/22	20	3	HLH	476	5/20/22	20	0	HLH	476	6/20/22
44	LLH	477	4/20/22	21	3	HLH	477	5/20/22	21	0	HLH	477	6/20/22
44	LLH	478	4/20/22	22	3	HLH	478	5/20/22	22	0	HLH	478	6/20/22
44	LLH	479	4/20/22	23	3	LLH	479	5/20/22	23	0	LLH	479	6/20/22
44	LLH	480	4/20/22	24	3	LLH	480	5/20/22	24	0	LLH	480	6/20/22
44	LLH	481	4/21/22	1	3	LLH	481	5/21/22	1	0	LLH	481	6/21/22
44	LLH	482	4/21/22	2	3	LLH	482	5/21/22	2	0	LLH	482	6/21/22
44	LLH	483	4/21/22	3	3	LLH	483	5/21/22	3	0	LLH	483	6/21/22
44	LLH	484	4/21/22	4	3	LLH	484	5/21/22	4	0	LLH	484	6/21/22
44	LLH	485	4/21/22	5	3	LLH	485	5/21/22	5	0	LLH	485	6/21/22
44	HLH	486	4/21/22	6	3	LLH	486	5/21/22	6	0	LLH	486	6/21/22
44	HLH	487	4/21/22	7	3	HLH	487	5/21/22	7	0	HLH	487	6/21/22
44	HLH	488	4/21/22	8	3	HLH	488	5/21/22	8	0	HLH	488	6/21/22
44	HLH	489	4/21/22	9	3	HLH	489	5/21/22	9	0	HLH	489	6/21/22
44	HLH	490	4/21/22	10	3	HLH	490	5/21/22	10	0	HLH	490	6/21/22
44	HLH	491	4/21/22	11	3	HLH	491	5/21/22	11	0	HLH	491	6/21/22
44	HLH	492	4/21/22	12	3	HLH	492	5/21/22	12	0	HLH	492	6/21/22
44	HLH	493	4/21/22	13	3	HLH	493	5/21/22	13	0	HLH	493	6/21/22
44	HLH	494	4/21/22	14	3	HLH	494	5/21/22	14	0	HLH	494	6/21/22
44	HLH	495	4/21/22	15	3	HLH	495	5/21/22	15	0	HLH	495	6/21/22
44	HLH	496	4/21/22	16	3	HLH	496	5/21/22	16	0	HLH	496	6/21/22
44	HLH	497	4/21/22	17	3	HLH	497	5/21/22	17	0	HLH	497	6/21/22
44	HLH	498	4/21/22	18	3	HLH	498	5/21/22	18	0	HLH	498	6/21/22
44	HLH	499	4/21/22	19	3	HLH	499	5/21/22	19	0	HLH	499	6/21/22
44	HLH	500	4/21/22	20	3	HLH	500	5/21/22	20	0	HLH	500	6/21/22
44	HLH	501	4/21/22	21	3	HLH	501	5/21/22	21	0	HLH	501	6/21/22
44	LLH	502	4/21/22	22	3	HLH	502	5/21/22	22	0	HLH	502	6/21/22
44	LLH	503	4/21/22	23	3	LLH	503	5/21/22	23	0	LLH	503	6/21/22
44	LLH	504	4/21/22	24	3	LLH	504	5/21/22	24	0	LLH	504	6/21/22
44	LLH	505	4/22/22	1	3	LLH	505	5/22/22	1	0	LLH	505	6/22/22
44	LLH	506	4/22/22	2	3	LLH	506	5/22/22	2	0	LLH	506	6/22/22
44	LLH	507	4/22/22	3	3	LLH	507	5/22/22	3	0	LLH	507	6/22/22

44	LLH	508	4/22/22	4	3	LLH	508	5/22/22	4	0	LLH	508	6/22/22
44	LLH	509	4/22/22	5	3	LLH	509	5/22/22	5	0	LLH	509	6/22/22
44	HLH	510	4/22/22	6	3	LLH	510	5/22/22	6	0	LLH	510	6/22/22
44	HLH	511	4/22/22	7	3	HLH	511	5/22/22	7	0	LLH	511	6/22/22
44	HLH	512	4/22/22	8	3	HLH	512	5/22/22	8	0	LLH	512	6/22/22
44	HLH	513	4/22/22	9	3	HLH	513	5/22/22	9	0	LLH	513	6/22/22
44	HLH	514	4/22/22	10	3	HLH	514	5/22/22	10	0	LLH	514	6/22/22
44	HLH	515	4/22/22	11	3	HLH	515	5/22/22	11	0	LLH	515	6/22/22
44	HLH	516	4/22/22	12	3	HLH	516	5/22/22	12	0	LLH	516	6/22/22
44	HLH	517	4/22/22	13	3	HLH	517	5/22/22	13	0	LLH	517	6/22/22
44	HLH	518	4/22/22	14	3	HLH	518	5/22/22	14	0	LLH	518	6/22/22
44	HLH	519	4/22/22	15	3	HLH	519	5/22/22	15	0	LLH	519	6/22/22
44	HLH	520	4/22/22	16	3	HLH	520	5/22/22	16	0	LLH	520	6/22/22
44	HLH	521	4/22/22	17	3	HLH	521	5/22/22	17	0	LLH	521	6/22/22
44	HLH	522	4/22/22	18	3	HLH	522	5/22/22	18	0	LLH	522	6/22/22
44	HLH	523	4/22/22	19	3	HLH	523	5/22/22	19	0	LLH	523	6/22/22
44	HLH	524	4/22/22	20	3	HLH	524	5/22/22	20	0	LLH	524	6/22/22
44	HLH	525	4/22/22	21	3	HLH	525	5/22/22	21	0	LLH	525	6/22/22
44	LLH	526	4/22/22	22	3	HLH	526	5/22/22	22	0	LLH	526	6/22/22
44	LLH	527	4/22/22	23	3	LLH	527	5/22/22	23	0	LLH	527	6/22/22
44	LLH	528	4/22/22	24	3	LLH	528	5/22/22	24	0	LLH	528	6/22/22
44	LLH	529	4/23/22	1	3	LLH	529	5/23/22	1	0	LLH	529	6/23/22
44	LLH	530	4/23/22	2	3	LLH	530	5/23/22	2	0	LLH	530	6/23/22
44	LLH	531	4/23/22	3	3	LLH	531	5/23/22	3	0	LLH	531	6/23/22
44	LLH	532	4/23/22	4	3	LLH	532	5/23/22	4	0	LLH	532	6/23/22
44	LLH	533	4/23/22	5	3	LLH	533	5/23/22	5	0	LLH	533	6/23/22
44	HLH	534	4/23/22	6	3	LLH	534	5/23/22	6	0	LLH	534	6/23/22
44	HLH	535	4/23/22	7	3	HLH	535	5/23/22	7	0	HLH	535	6/23/22
44	HLH	536	4/23/22	8	3	HLH	536	5/23/22	8	0	HLH	536	6/23/22
44	HLH	537	4/23/22	9	3	HLH	537	5/23/22	9	0	HLH	537	6/23/22
44	HLH	538	4/23/22	10	3	HLH	538	5/23/22	10	0	HLH	538	6/23/22
44	HLH	539	4/23/22	11	3	HLH	539	5/23/22	11	0	HLH	539	6/23/22
44	HLH	540	4/23/22	12	3	HLH	540	5/23/22	12	0	HLH	540	6/23/22
44	HLH	541	4/23/22	13	3	HLH	541	5/23/22	13	0	HLH	541	6/23/22

44	HLH	542	4/23/22	14	3	HLH	542	5/23/22	14	0	HLH	542	6/23/22
44	HLH	543	4/23/22	15	3	HLH	543	5/23/22	15	0	HLH	543	6/23/22
44	HLH	544	4/23/22	16	3	HLH	544	5/23/22	16	0	HLH	544	6/23/22
44	HLH	545	4/23/22	17	3	HLH	545	5/23/22	17	0	HLH	545	6/23/22
44	HLH	546	4/23/22	18	3	HLH	546	5/23/22	18	0	HLH	546	6/23/22
44	HLH	547	4/23/22	19	3	HLH	547	5/23/22	19	0	HLH	547	6/23/22
44	HLH	548	4/23/22	20	3	HLH	548	5/23/22	20	0	HLH	548	6/23/22
44	HLH	549	4/23/22	21	3	HLH	549	5/23/22	21	0	HLH	549	6/23/22
44	LLH	550	4/23/22	22	3	HLH	550	5/23/22	22	0	HLH	550	6/23/22
44	LLH	551	4/23/22	23	3	LLH	551	5/23/22	23	0	LLH	551	6/23/22
44	LLH	552	4/23/22	24	3	LLH	552	5/23/22	24	0	LLH	552	6/23/22
44	LLH	553	4/24/22	1	3	LLH	553	5/24/22	1	0	LLH	553	6/24/22
44	LLH	554	4/24/22	2	3	LLH	554	5/24/22	2	0	LLH	554	6/24/22
44	LLH	555	4/24/22	3	3	LLH	555	5/24/22	3	0	LLH	555	6/24/22
44	LLH	556	4/24/22	4	3	LLH	556	5/24/22	4	0	LLH	556	6/24/22
44	LLH	557	4/24/22	5	3	LLH	557	5/24/22	5	0	LLH	557	6/24/22
44	HLH	558	4/24/22	6	3	LLH	558	5/24/22	6	0	LLH	558	6/24/22
44	HLH	559	4/24/22	7	3	LLH	559	5/24/22	7	0	HLH	559	6/24/22
44	HLH	560	4/24/22	8	3	LLH	560	5/24/22	8	0	HLH	560	6/24/22
44	HLH	561	4/24/22	9	3	LLH	561	5/24/22	9	0	HLH	561	6/24/22
44	HLH	562	4/24/22	10	3	LLH	562	5/24/22	10	0	HLH	562	6/24/22
44	HLH	563	4/24/22	11	3	LLH	563	5/24/22	11	0	HLH	563	6/24/22
44	HLH	564	4/24/22	12	3	LLH	564	5/24/22	12	0	HLH	564	6/24/22
44	HLH	565	4/24/22	13	3	LLH	565	5/24/22	13	0	HLH	565	6/24/22
44	HLH	566	4/24/22	14	3	LLH	566	5/24/22	14	0	HLH	566	6/24/22
44	HLH	567	4/24/22	15	3	LLH	567	5/24/22	15	0	HLH	567	6/24/22
44	HLH	568	4/24/22	16	3	LLH	568	5/24/22	16	0	HLH	568	6/24/22
44	HLH	569	4/24/22	17	3	LLH	569	5/24/22	17	0	HLH	569	6/24/22
44	HLH	570	4/24/22	18	3	LLH	570	5/24/22	18	0	HLH	570	6/24/22
44	HLH	571	4/24/22	19	3	LLH	571	5/24/22	19	0	HLH	571	6/24/22
44	HLH	572	4/24/22	20	3	LLH	572	5/24/22	20	0	HLH	572	6/24/22
44	HLH	573	4/24/22	21	3	LLH	573	5/24/22	21	0	HLH	573	6/24/22
44	LLH	574	4/24/22	22	3	LLH	574	5/24/22	22	0	HLH	574	6/24/22
44	LLH	575	4/24/22	23	3	LLH	575	5/24/22	23	0	LLH	575	6/24/22

44	LLH	576	4/24/22	24	3	LLH	576	5/24/22	24	0	LLH	576	6/24/22
44	LLH	577	4/25/22	1	3	LLH	577	5/25/22	1	0	LLH	577	6/25/22
44	LLH	578	4/25/22	2	3	LLH	578	5/25/22	2	0	LLH	578	6/25/22
44	LLH	579	4/25/22	3	3	LLH	579	5/25/22	3	0	LLH	579	6/25/22
44	LLH	580	4/25/22	4	3	LLH	580	5/25/22	4	0	LLH	580	6/25/22
44	LLH	581	4/25/22	5	3	LLH	581	5/25/22	5	0	LLH	581	6/25/22
44	HLH	582	4/25/22	6	3	LLH	582	5/25/22	6	0	LLH	582	6/25/22
44	HLH	583	4/25/22	7	3	HLH	583	5/25/22	7	0	HLH	583	6/25/22
44	HLH	584	4/25/22	8	3	HLH	584	5/25/22	8	0	HLH	584	6/25/22
44	HLH	585	4/25/22	9	3	HLH	585	5/25/22	9	0	HLH	585	6/25/22
44	HLH	586	4/25/22	10	3	HLH	586	5/25/22	10	0	HLH	586	6/25/22
44	HLH	587	4/25/22	11	3	HLH	587	5/25/22	11	0	HLH	587	6/25/22
44	HLH	588	4/25/22	12	3	HLH	588	5/25/22	12	0	HLH	588	6/25/22
44	HLH	589	4/25/22	13	3	HLH	589	5/25/22	13	0	HLH	589	6/25/22
44	HLH	590	4/25/22	14	3	HLH	590	5/25/22	14	0	HLH	590	6/25/22
44	HLH	591	4/25/22	15	3	HLH	591	5/25/22	15	0	HLH	591	6/25/22
44	HLH	592	4/25/22	16	3	HLH	592	5/25/22	16	0	HLH	592	6/25/22
44	HLH	593	4/25/22	17	3	HLH	593	5/25/22	17	0	HLH	593	6/25/22
44	HLH	594	4/25/22	18	3	HLH	594	5/25/22	18	0	HLH	594	6/25/22
44	HLH	595	4/25/22	19	3	HLH	595	5/25/22	19	0	HLH	595	6/25/22
44	HLH	596	4/25/22	20	3	HLH	596	5/25/22	20	0	HLH	596	6/25/22
44	HLH	597	4/25/22	21	3	HLH	597	5/25/22	21	0	HLH	597	6/25/22
44	LLH	598	4/25/22	22	3	HLH	598	5/25/22	22	0	HLH	598	6/25/22
44	LLH	599	4/25/22	23	3	LLH	599	5/25/22	23	0	LLH	599	6/25/22
44	LLH	600	4/25/22	24	3	LLH	600	5/25/22	24	0	LLH	600	6/25/22
44	LLH	601	4/26/22	1	3	LLH	601	5/26/22	1	0	LLH	601	6/26/22
44	LLH	602	4/26/22	2	3	LLH	602	5/26/22	2	0	LLH	602	6/26/22
44	LLH	603	4/26/22	3	3	LLH	603	5/26/22	3	0	LLH	603	6/26/22
44	LLH	604	4/26/22	4	3	LLH	604	5/26/22	4	0	LLH	604	6/26/22
44	LLH	605	4/26/22	5	3	LLH	605	5/26/22	5	0	LLH	605	6/26/22
44	HLH	606	4/26/22	6	3	LLH	606	5/26/22	6	0	LLH	606	6/26/22
44	HLH	607	4/26/22	7	3	HLH	607	5/26/22	7	0	HLH	607	6/26/22
44	HLH	608	4/26/22	8	3	HLH	608	5/26/22	8	0	HLH	608	6/26/22
44	HLH	609	4/26/22	9	3	HLH	609	5/26/22	9	0	HLH	609	6/26/22

44	HLH	610	4/26/22	10	3	HLH	610	5/26/22	10	0	HLH	610	6/26/22
44	HLH	611	4/26/22	11	3	HLH	611	5/26/22	11	0	HLH	611	6/26/22
44	HLH	612	4/26/22	12	3	HLH	612	5/26/22	12	0	HLH	612	6/26/22
44	HLH	613	4/26/22	13	3	HLH	613	5/26/22	13	0	HLH	613	6/26/22
44	HLH	614	4/26/22	14	3	HLH	614	5/26/22	14	0	HLH	614	6/26/22
44	HLH	615	4/26/22	15	3	HLH	615	5/26/22	15	0	HLH	615	6/26/22
44	HLH	616	4/26/22	16	3	HLH	616	5/26/22	16	0	HLH	616	6/26/22
44	HLH	617	4/26/22	17	3	HLH	617	5/26/22	17	0	HLH	617	6/26/22
44	HLH	618	4/26/22	18	3	HLH	618	5/26/22	18	0	HLH	618	6/26/22
44	HLH	619	4/26/22	19	3	HLH	619	5/26/22	19	0	HLH	619	6/26/22
44	HLH	620	4/26/22	20	3	HLH	620	5/26/22	20	0	HLH	620	6/26/22
44	HLH	621	4/26/22	21	3	HLH	621	5/26/22	21	0	HLH	621	6/26/22
44	LLH	622	4/26/22	22	3	HLH	622	5/26/22	22	0	HLH	622	6/26/22
44	LLH	623	4/26/22	23	3	LLH	623	5/26/22	23	0	LLH	623	6/26/22
44	LLH	624	4/26/22	24	3	LLH	624	5/26/22	24	0	LLH	624	6/26/22
44	LLH	625	4/27/22	1	3	LLH	625	5/27/22	1	0	LLH	625	6/27/22
44	LLH	626	4/27/22	2	3	LLH	626	5/27/22	2	0	LLH	626	6/27/22
44	LLH	627	4/27/22	3	3	LLH	627	5/27/22	3	0	LLH	627	6/27/22
44	LLH	628	4/27/22	4	3	LLH	628	5/27/22	4	0	LLH	628	6/27/22
44	LLH	629	4/27/22	5	3	LLH	629	5/27/22	5	0	LLH	629	6/27/22
44	LLH	630	4/27/22	6	3	LLH	630	5/27/22	6	0	LLH	630	6/27/22
44	LLH	631	4/27/22	7	3	HLH	631	5/27/22	7	0	HLH	631	6/27/22
44	LLH	632	4/27/22	8	3	HLH	632	5/27/22	8	0	HLH	632	6/27/22
44	LLH	633	4/27/22	9	3	HLH	633	5/27/22	9	0	HLH	633	6/27/22
44	LLH	634	4/27/22	10	3	HLH	634	5/27/22	10	0	HLH	634	6/27/22
44	LLH	635	4/27/22	11	3	HLH	635	5/27/22	11	0	HLH	635	6/27/22
44	LLH	636	4/27/22	12	3	HLH	636	5/27/22	12	0	HLH	636	6/27/22
44	LLH	637	4/27/22	13	3	HLH	637	5/27/22	13	0	HLH	637	6/27/22
44	LLH	638	4/27/22	14	3	HLH	638	5/27/22	14	0	HLH	638	6/27/22
44	LLH	639	4/27/22	15	3	HLH	639	5/27/22	15	0	HLH	639	6/27/22
44	LLH	640	4/27/22	16	3	HLH	640	5/27/22	16	0	HLH	640	6/27/22
44	LLH	641	4/27/22	17	3	HLH	641	5/27/22	17	0	HLH	641	6/27/22
44	LLH	642	4/27/22	18	3	HLH	642	5/27/22	18	0	HLH	642	6/27/22
44	LLH	643	4/27/22	19	3	HLH	643	5/27/22	19	0	HLH	643	6/27/22

44	LLH	644	4/27/22	20	3	HLH	644	5/27/22	20	0	HLH	644	6/27/22
44	LLH	645	4/27/22	21	3	HLH	645	5/27/22	21	0	HLH	645	6/27/22
44	LLH	646	4/27/22	22	3	HLH	646	5/27/22	22	0	HLH	646	6/27/22
44	LLH	647	4/27/22	23	3	LLH	647	5/27/22	23	0	LLH	647	6/27/22
44	LLH	648	4/27/22	24	3	LLH	648	5/27/22	24	0	LLH	648	6/27/22
44	LLH	649	4/28/22	1	3	LLH	649	5/28/22	1	0	LLH	649	6/28/22
44	LLH	650	4/28/22	2	3	LLH	650	5/28/22	2	0	LLH	650	6/28/22
44	LLH	651	4/28/22	3	3	LLH	651	5/28/22	3	0	LLH	651	6/28/22
44	LLH	652	4/28/22	4	3	LLH	652	5/28/22	4	0	LLH	652	6/28/22
44	LLH	653	4/28/22	5	3	LLH	653	5/28/22	5	0	LLH	653	6/28/22
44	HLH	654	4/28/22	6	3	LLH	654	5/28/22	6	0	LLH	654	6/28/22
44	HLH	655	4/28/22	7	3	HLH	655	5/28/22	7	0	HLH	655	6/28/22
44	HLH	656	4/28/22	8	3	HLH	656	5/28/22	8	0	HLH	656	6/28/22
44	HLH	657	4/28/22	9	3	HLH	657	5/28/22	9	0	HLH	657	6/28/22
44	HLH	658	4/28/22	10	3	HLH	658	5/28/22	10	0	HLH	658	6/28/22
44	HLH	659	4/28/22	11	3	HLH	659	5/28/22	11	0	HLH	659	6/28/22
44	HLH	660	4/28/22	12	3	HLH	660	5/28/22	12	0	HLH	660	6/28/22
44	HLH	661	4/28/22	13	3	HLH	661	5/28/22	13	0	HLH	661	6/28/22
44	HLH	662	4/28/22	14	3	HLH	662	5/28/22	14	0	HLH	662	6/28/22
44	HLH	663	4/28/22	15	3	HLH	663	5/28/22	15	0	HLH	663	6/28/22
44	HLH	664	4/28/22	16	3	HLH	664	5/28/22	16	0	HLH	664	6/28/22
44	HLH	665	4/28/22	17	3	HLH	665	5/28/22	17	0	HLH	665	6/28/22
44	HLH	666	4/28/22	18	3	HLH	666	5/28/22	18	0	HLH	666	6/28/22
44	HLH	667	4/28/22	19	3	HLH	667	5/28/22	19	0	HLH	667	6/28/22
44	HLH	668	4/28/22	20	3	HLH	668	5/28/22	20	0	HLH	668	6/28/22
44	HLH	669	4/28/22	21	3	HLH	669	5/28/22	21	0	HLH	669	6/28/22
44	LLH	670	4/28/22	22	3	HLH	670	5/28/22	22	0	HLH	670	6/28/22
44	LLH	671	4/28/22	23	3	LLH	671	5/28/22	23	0	LLH	671	6/28/22
44	LLH	672	4/28/22	24	3	LLH	672	5/28/22	24	0	LLH	672	6/28/22
44	LLH	673	4/29/22	1	3	LLH	673	5/29/22	1	0	LLH	673	6/29/22
44	LLH	674	4/29/22	2	3	LLH	674	5/29/22	2	0	LLH	674	6/29/22
44	LLH	675	4/29/22	3	3	LLH	675	5/29/22	3	0	LLH	675	6/29/22
44	LLH	676	4/29/22	4	3	LLH	676	5/29/22	4	0	LLH	676	6/29/22
44	LLH	677	4/29/22	5	3	LLH	677	5/29/22	5	0	LLH	677	6/29/22

44	HLH	678	4/29/22	6	3	LLH	678	5/29/22	6	0	LLH	678	6/29/22
44	HLH	679	4/29/22	7	3	HLH	679	5/29/22	7	0	LLH	679	6/29/22
44	HLH	680	4/29/22	8	3	HLH	680	5/29/22	8	0	LLH	680	6/29/22
44	HLH	681	4/29/22	9	3	HLH	681	5/29/22	9	0	LLH	681	6/29/22
44	HLH	682	4/29/22	10	3	HLH	682	5/29/22	10	0	LLH	682	6/29/22
44	HLH	683	4/29/22	11	3	HLH	683	5/29/22	11	0	LLH	683	6/29/22
44	HLH	684	4/29/22	12	3	HLH	684	5/29/22	12	0	LLH	684	6/29/22
44	HLH	685	4/29/22	13	3	HLH	685	5/29/22	13	0	LLH	685	6/29/22
44	HLH	686	4/29/22	14	3	HLH	686	5/29/22	14	0	LLH	686	6/29/22
44	HLH	687	4/29/22	15	3	HLH	687	5/29/22	15	0	LLH	687	6/29/22
44	HLH	688	4/29/22	16	3	HLH	688	5/29/22	16	0	LLH	688	6/29/22
44	HLH	689	4/29/22	17	3	HLH	689	5/29/22	17	0	LLH	689	6/29/22
44	HLH	690	4/29/22	18	3	HLH	690	5/29/22	18	0	LLH	690	6/29/22
44	HLH	691	4/29/22	19	3	HLH	691	5/29/22	19	0	LLH	691	6/29/22
44	HLH	692	4/29/22	20	3	HLH	692	5/29/22	20	0	LLH	692	6/29/22
44	HLH	693	4/29/22	21	3	HLH	693	5/29/22	21	0	LLH	693	6/29/22
44	LLH	694	4/29/22	22	3	HLH	694	5/29/22	22	0	LLH	694	6/29/22
44	LLH	695	4/29/22	23	3	LLH	695	5/29/22	23	0	LLH	695	6/29/22
44	LLH	696	4/29/22	24	3	LLH	696	5/29/22	24	0	LLH	696	6/29/22
44	LLH	697	4/30/22	1	3	LLH	697	5/30/22	1	0	LLH	697	6/30/22
44	LLH	698	4/30/22	2	3	LLH	698	5/30/22	2	0	LLH	698	6/30/22
44	LLH	699	4/30/22	3	3	LLH	699	5/30/22	3	0	LLH	699	6/30/22
44	LLH	700	4/30/22	4	3	LLH	700	5/30/22	4	0	LLH	700	6/30/22
44	LLH	701	4/30/22	5	3	LLH	701	5/30/22	5	0	LLH	701	6/30/22
44	HLH	702	4/30/22	6	3	LLH	702	5/30/22	6	0	LLH	702	6/30/22
44	HLH	703	4/30/22	7	3	HLH	703	5/30/22	7	0	LLH	703	6/30/22
44	HLH	704	4/30/22	8	3	HLH	704	5/30/22	8	0	LLH	704	6/30/22
44	HLH	705	4/30/22	9	3	HLH	705	5/30/22	9	0	LLH	705	6/30/22
44	HLH	706	4/30/22	10	3	HLH	706	5/30/22	10	0	LLH	706	6/30/22
44	HLH	707	4/30/22	11	3	HLH	707	5/30/22	11	0	LLH	707	6/30/22
44	HLH	708	4/30/22	12	3	HLH	708	5/30/22	12	0	LLH	708	6/30/22
44	HLH	709	4/30/22	13	3	HLH	709	5/30/22	13	0	LLH	709	6/30/22
44	HLH	710	4/30/22	14	3	HLH	710	5/30/22	14	0	LLH	710	6/30/22
44	HLH	711	4/30/22	15	3	HLH	711	5/30/22	15	0	LLH	711	6/30/22

44	HLH	712	4/30/22	16	3	HLH	712	5/30/22	16	0	LLH	712	6/30/22
44	HLH	713	4/30/22	17	3	HLH	713	5/30/22	17	0	LLH	713	6/30/22
44	HLH	714	4/30/22	18	3	HLH	714	5/30/22	18	0	LLH	714	6/30/22
44	HLH	715	4/30/22	19	3	HLH	715	5/30/22	19	0	LLH	715	6/30/22
44	HLH	716	4/30/22	20	3	HLH	716	5/30/22	20	0	LLH	716	6/30/22
44	HLH	717	4/30/22	21	3	HLH	717	5/30/22	21	0	LLH	717	6/30/22
44	LLH	718	4/30/22	22	3	HLH	718	5/30/22	22	0	LLH	718	6/30/22
44	LLH	719	4/30/22	23	3	LLH	719	5/30/22	23	0	LLH	719	6/30/22
44	LLH	720	4/30/22	24	3	LLH	720	5/30/22	24	0	LLH	720	6/30/22
44	LLH						721	5/31/22	1	0	LLH		
44	LLH						722	5/31/22	2	0	LLH		
44	LLH						723	5/31/22	3	0	LLH		
44	LLH						724	5/31/22	4	0	LLH		
44	LLH						725	5/31/22	5	0	LLH		
44	HLH						726	5/31/22	6	0	LLH		
44	HLH						727	5/31/22	7	0	HLH		
44	HLH						728	5/31/22	8	0	HLH		
44	HLH						729	5/31/22	9	0	HLH		
44	HLH						730	5/31/22	10	0	HLH		
44	HLH						731	5/31/22	11	0	HLH		
44	HLH						732	5/31/22	12	0	HLH		
44	HLH						733	5/31/22	13	0	HLH		
44	HLH						734	5/31/22	14	0	HLH		
44	HLH						735	5/31/22	15	0	HLH		
44	HLH						736	5/31/22	16	0	HLH		
44	HLH						737	5/31/22	17	0	HLH		
44	HLH						738	5/31/22	18	0	HLH		
44	HLH						739	5/31/22	19	0	HLH		
44	HLH						740	5/31/22	20	0	HLH		
44	HLH						741	5/31/22	21	0	HLH		
44	LLH						742	5/31/22	22	0	HLH		
44	LLH						743	5/31/22	23	0	LLH		
							744	5/31/22	24	0	LLH		

June			July					August					
Hour Ending	MW	HLH/LLH	Hour in Month	Date	Hour Ending	MW	HLH/LLH	Hour in Month	Date	Hour Ending	MW	HLH/LLH	Hour in Month
1	0	LLH	1	7/1/22	1	11	LLH	1	8/1/22	1	11	LLH	1
2	0	LLH	2	7/1/22	2	11	LLH	2	8/1/22	2	11	LLH	2
3	0	LLH	3	7/1/22	3	11	LLH	3	8/1/22	3	11	LLH	3
4	0	LLH	4	7/1/22	4	11	LLH	4	8/1/22	4	11	LLH	4
5	0	LLH	5	7/1/22	5	11	LLH	5	8/1/22	5	11	LLH	5
6	0	LLH	6	7/1/22	6	11	LLH	6	8/1/22	6	11	LLH	6
7	0	HLH	7	7/1/22	7	11	HLH	7	8/1/22	7	11	HLH	7
8	0	HLH	8	7/1/22	8	11	HLH	8	8/1/22	8	11	HLH	8
9	0	HLH	9	7/1/22	9	11	HLH	9	8/1/22	9	11	HLH	9
10	0	HLH	10	7/1/22	10	11	HLH	10	8/1/22	10	11	HLH	10
11	0	HLH	11	7/1/22	11	11	HLH	11	8/1/22	11	11	HLH	11
12	0	HLH	12	7/1/22	12	11	HLH	12	8/1/22	12	11	HLH	12
13	0	HLH	13	7/1/22	13	11	HLH	13	8/1/22	13	11	HLH	13
14	0	HLH	14	7/1/22	14	11	HLH	14	8/1/22	14	11	HLH	14
15	0	HLH	15	7/1/22	15	11	HLH	15	8/1/22	15	11	HLH	15
16	0	HLH	16	7/1/22	16	11	HLH	16	8/1/22	16	11	HLH	16
17	0	HLH	17	7/1/22	17	11	HLH	17	8/1/22	17	11	HLH	17
18	0	HLH	18	7/1/22	18	11	HLH	18	8/1/22	18	11	HLH	18
19	0	HLH	19	7/1/22	19	11	HLH	19	8/1/22	19	11	HLH	19
20	0	HLH	20	7/1/22	20	11	HLH	20	8/1/22	20	11	HLH	20
21	0	HLH	21	7/1/22	21	11	HLH	21	8/1/22	21	11	HLH	21
22	0	HLH	22	7/1/22	22	11	HLH	22	8/1/22	22	11	HLH	22
23	0	LLH	23	7/1/22	23	11	LLH	23	8/1/22	23	11	LLH	23
24	0	LLH	24	7/1/22	24	11	LLH	24	8/1/22	24	11	LLH	24
1	0	LLH	25	7/2/22	1	11	LLH	25	8/2/22	1	11	LLH	25
2	0	LLH	26	7/2/22	2	11	LLH	26	8/2/22	2	11	LLH	26
3	0	LLH	27	7/2/22	3	11	LLH	27	8/2/22	3	11	LLH	27
4	0	LLH	28	7/2/22	4	11	LLH	28	8/2/22	4	11	LLH	28
5	0	LLH	29	7/2/22	5	11	LLH	29	8/2/22	5	11	LLH	29
6	0	LLH	30	7/2/22	6	11	LLH	30	8/2/22	6	11	LLH	30
7	0	HLH	31	7/2/22	7	11	HLH	31	8/2/22	7	11	HLH	31

8	0	HLH	32	7/2/22	8	11	HLH	32	8/2/22	8	11	HLH	32
9	0	HLH	33	7/2/22	9	11	HLH	33	8/2/22	9	11	HLH	33
10	0	HLH	34	7/2/22	10	11	HLH	34	8/2/22	10	11	HLH	34
11	0	HLH	35	7/2/22	11	11	HLH	35	8/2/22	11	11	HLH	35
12	0	HLH	36	7/2/22	12	11	HLH	36	8/2/22	12	11	HLH	36
13	0	HLH	37	7/2/22	13	11	HLH	37	8/2/22	13	11	HLH	37
14	0	HLH	38	7/2/22	14	11	HLH	38	8/2/22	14	11	HLH	38
15	0	HLH	39	7/2/22	15	11	HLH	39	8/2/22	15	11	HLH	39
16	0	HLH	40	7/2/22	16	11	HLH	40	8/2/22	16	11	HLH	40
17	0	HLH	41	7/2/22	17	11	HLH	41	8/2/22	17	11	HLH	41
18	0	HLH	42	7/2/22	18	11	HLH	42	8/2/22	18	11	HLH	42
19	0	HLH	43	7/2/22	19	11	HLH	43	8/2/22	19	11	HLH	43
20	0	HLH	44	7/2/22	20	11	HLH	44	8/2/22	20	11	HLH	44
21	0	HLH	45	7/2/22	21	11	HLH	45	8/2/22	21	11	HLH	45
22	0	HLH	46	7/2/22	22	11	HLH	46	8/2/22	22	11	HLH	46
23	0	LLH	47	7/2/22	23	11	LLH	47	8/2/22	23	11	LLH	47
24	0	LLH	48	7/2/22	24	11	LLH	48	8/2/22	24	11	LLH	48
1	0	LLH	49	7/3/22	1	11	LLH	49	8/3/22	1	11	LLH	49
2	0	LLH	50	7/3/22	2	11	LLH	50	8/3/22	2	11	LLH	50
3	0	LLH	51	7/3/22	3	11	LLH	51	8/3/22	3	11	LLH	51
4	0	LLH	52	7/3/22	4	11	LLH	52	8/3/22	4	11	LLH	52
5	0	LLH	53	7/3/22	5	11	LLH	53	8/3/22	5	11	LLH	53
6	0	LLH	54	7/3/22	6	11	LLH	54	8/3/22	6	11	LLH	54
7	0	HLH	55	7/3/22	7	11	LLH	55	8/3/22	7	11	HLH	55
8	0	HLH	56	7/3/22	8	11	LLH	56	8/3/22	8	11	HLH	56
9	0	HLH	57	7/3/22	9	11	LLH	57	8/3/22	9	11	HLH	57
10	0	HLH	58	7/3/22	10	11	LLH	58	8/3/22	10	11	HLH	58
11	0	HLH	59	7/3/22	11	11	LLH	59	8/3/22	11	11	HLH	59
12	0	HLH	60	7/3/22	12	11	LLH	60	8/3/22	12	11	HLH	60
13	0	HLH	61	7/3/22	13	11	LLH	61	8/3/22	13	11	HLH	61
14	0	HLH	62	7/3/22	14	11	LLH	62	8/3/22	14	11	HLH	62
15	0	HLH	63	7/3/22	15	11	LLH	63	8/3/22	15	11	HLH	63
16	0	HLH	64	7/3/22	16	11	LLH	64	8/3/22	16	11	HLH	64
17	0	HLH	65	7/3/22	17	11	LLH	65	8/3/22	17	11	HLH	65

18	0	HLH	66	7/3/22	18	11	LLH	66	8/3/22	18	11	HLH	66
19	0	HLH	67	7/3/22	19	11	LLH	67	8/3/22	19	11	HLH	67
20	0	HLH	68	7/3/22	20	11	LLH	68	8/3/22	20	11	HLH	68
21	0	HLH	69	7/3/22	21	11	LLH	69	8/3/22	21	11	HLH	69
22	0	HLH	70	7/3/22	22	11	LLH	70	8/3/22	22	11	HLH	70
23	0	LLH	71	7/3/22	23	11	LLH	71	8/3/22	23	11	LLH	71
24	0	LLH	72	7/3/22	24	11	LLH	72	8/3/22	24	11	LLH	72
1	0	LLH	73	7/4/22	1	11	LLH	73	8/4/22	1	11	LLH	73
2	0	LLH	74	7/4/22	2	11	LLH	74	8/4/22	2	11	LLH	74
3	0	LLH	75	7/4/22	3	11	LLH	75	8/4/22	3	11	LLH	75
4	0	LLH	76	7/4/22	4	11	LLH	76	8/4/22	4	11	LLH	76
5	0	LLH	77	7/4/22	5	11	LLH	77	8/4/22	5	11	LLH	77
6	0	LLH	78	7/4/22	6	11	LLH	78	8/4/22	6	11	LLH	78
7	0	HLH	79	7/4/22	7	11	LLH	79	8/4/22	7	11	HLH	79
8	0	HLH	80	7/4/22	8	11	LLH	80	8/4/22	8	11	HLH	80
9	0	HLH	81	7/4/22	9	11	LLH	81	8/4/22	9	11	HLH	81
10	0	HLH	82	7/4/22	10	11	LLH	82	8/4/22	10	11	HLH	82
11	0	HLH	83	7/4/22	11	11	LLH	83	8/4/22	11	11	HLH	83
12	0	HLH	84	7/4/22	12	11	LLH	84	8/4/22	12	11	HLH	84
13	0	HLH	85	7/4/22	13	11	LLH	85	8/4/22	13	11	HLH	85
14	0	HLH	86	7/4/22	14	11	LLH	86	8/4/22	14	11	HLH	86
15	0	HLH	87	7/4/22	15	11	LLH	87	8/4/22	15	11	HLH	87
16	0	HLH	88	7/4/22	16	11	LLH	88	8/4/22	16	11	HLH	88
17	0	HLH	89	7/4/22	17	11	LLH	89	8/4/22	17	11	HLH	89
18	0	HLH	90	7/4/22	18	11	LLH	90	8/4/22	18	11	HLH	90
19	0	HLH	91	7/4/22	19	11	LLH	91	8/4/22	19	11	HLH	91
20	0	HLH	92	7/4/22	20	11	LLH	92	8/4/22	20	11	HLH	92
21	0	HLH	93	7/4/22	21	11	LLH	93	8/4/22	21	11	HLH	93
22	0	HLH	94	7/4/22	22	11	LLH	94	8/4/22	22	11	HLH	94
23	0	LLH	95	7/4/22	23	11	LLH	95	8/4/22	23	11	LLH	95
24	0	LLH	96	7/4/22	24	11	LLH	96	8/4/22	24	11	LLH	96
1	0	LLH	97	7/5/22	1	11	LLH	97	8/5/22	1	11	LLH	97
2	0	LLH	98	7/5/22	2	11	LLH	98	8/5/22	2	11	LLH	98
3	0	LLH	99	7/5/22	3	11	LLH	99	8/5/22	3	11	LLH	99

4	0	LLH	100	7/5/22	4	11	LLH	100	8/5/22	4	11	LLH	100
5	0	LLH	101	7/5/22	5	11	LLH	101	8/5/22	5	11	LLH	101
6	0	LLH	102	7/5/22	6	11	LLH	102	8/5/22	6	11	LLH	102
7	0	LLH	103	7/5/22	7	11	HLH	103	8/5/22	7	11	HLH	103
8	0	LLH	104	7/5/22	8	11	HLH	104	8/5/22	8	11	HLH	104
9	0	LLH	105	7/5/22	9	11	HLH	105	8/5/22	9	11	HLH	105
10	0	LLH	106	7/5/22	10	11	HLH	106	8/5/22	10	11	HLH	106
11	0	LLH	107	7/5/22	11	11	HLH	107	8/5/22	11	11	HLH	107
12	0	LLH	108	7/5/22	12	11	HLH	108	8/5/22	12	11	HLH	108
13	0	LLH	109	7/5/22	13	11	HLH	109	8/5/22	13	11	HLH	109
14	0	LLH	110	7/5/22	14	11	HLH	110	8/5/22	14	11	HLH	110
15	0	LLH	111	7/5/22	15	11	HLH	111	8/5/22	15	11	HLH	111
16	0	LLH	112	7/5/22	16	11	HLH	112	8/5/22	16	11	HLH	112
17	0	LLH	113	7/5/22	17	11	HLH	113	8/5/22	17	11	HLH	113
18	0	LLH	114	7/5/22	18	11	HLH	114	8/5/22	18	11	HLH	114
19	0	LLH	115	7/5/22	19	11	HLH	115	8/5/22	19	11	HLH	115
20	0	LLH	116	7/5/22	20	11	HLH	116	8/5/22	20	11	HLH	116
21	0	LLH	117	7/5/22	21	11	HLH	117	8/5/22	21	11	HLH	117
22	0	LLH	118	7/5/22	22	11	HLH	118	8/5/22	22	11	HLH	118
23	0	LLH	119	7/5/22	23	11	LLH	119	8/5/22	23	11	LLH	119
24	0	LLH	120	7/5/22	24	11	LLH	120	8/5/22	24	11	LLH	120
1	0	LLH	121	7/6/22	1	11	LLH	121	8/6/22	1	11	LLH	121
2	0	LLH	122	7/6/22	2	11	LLH	122	8/6/22	2	11	LLH	122
3	0	LLH	123	7/6/22	3	11	LLH	123	8/6/22	3	11	LLH	123
4	0	LLH	124	7/6/22	4	11	LLH	124	8/6/22	4	11	LLH	124
5	0	LLH	125	7/6/22	5	11	LLH	125	8/6/22	5	11	LLH	125
6	0	LLH	126	7/6/22	6	11	LLH	126	8/6/22	6	11	LLH	126
7	0	HLH	127	7/6/22	7	11	HLH	127	8/6/22	7	11	HLH	127
8	0	HLH	128	7/6/22	8	11	HLH	128	8/6/22	8	11	HLH	128
9	0	HLH	129	7/6/22	9	11	HLH	129	8/6/22	9	11	HLH	129
10	0	HLH	130	7/6/22	10	11	HLH	130	8/6/22	10	11	HLH	130
11	0	HLH	131	7/6/22	11	11	HLH	131	8/6/22	11	11	HLH	131
12	0	HLH	132	7/6/22	12	11	HLH	132	8/6/22	12	11	HLH	132
13	0	HLH	133	7/6/22	13	11	HLH	133	8/6/22	13	11	HLH	133

14	0	HLH	134	7/6/22	14	11	HLH	134	8/6/22	14	11	HLH	134
15	0	HLH	135	7/6/22	15	11	HLH	135	8/6/22	15	11	HLH	135
16	0	HLH	136	7/6/22	16	11	HLH	136	8/6/22	16	11	HLH	136
17	0	HLH	137	7/6/22	17	11	HLH	137	8/6/22	17	11	HLH	137
18	0	HLH	138	7/6/22	18	11	HLH	138	8/6/22	18	11	HLH	138
19	0	HLH	139	7/6/22	19	11	HLH	139	8/6/22	19	11	HLH	139
20	0	HLH	140	7/6/22	20	11	HLH	140	8/6/22	20	11	HLH	140
21	0	HLH	141	7/6/22	21	11	HLH	141	8/6/22	21	11	HLH	141
22	0	HLH	142	7/6/22	22	11	HLH	142	8/6/22	22	11	HLH	142
23	0	LLH	143	7/6/22	23	11	LLH	143	8/6/22	23	11	LLH	143
24	0	LLH	144	7/6/22	24	11	LLH	144	8/6/22	24	11	LLH	144
1	0	LLH	145	7/7/22	1	11	LLH	145	8/7/22	1	11	LLH	145
2	0	LLH	146	7/7/22	2	11	LLH	146	8/7/22	2	11	LLH	146
3	0	LLH	147	7/7/22	3	11	LLH	147	8/7/22	3	11	LLH	147
4	0	LLH	148	7/7/22	4	11	LLH	148	8/7/22	4	11	LLH	148
5	0	LLH	149	7/7/22	5	11	LLH	149	8/7/22	5	11	LLH	149
6	0	LLH	150	7/7/22	6	11	LLH	150	8/7/22	6	11	LLH	150
7	0	HLH	151	7/7/22	7	11	HLH	151	8/7/22	7	11	LLH	151
8	0	HLH	152	7/7/22	8	11	HLH	152	8/7/22	8	11	LLH	152
9	0	HLH	153	7/7/22	9	11	HLH	153	8/7/22	9	11	LLH	153
10	0	HLH	154	7/7/22	10	11	HLH	154	8/7/22	10	11	LLH	154
11	0	HLH	155	7/7/22	11	11	HLH	155	8/7/22	11	11	LLH	155
12	0	HLH	156	7/7/22	12	11	HLH	156	8/7/22	12	11	LLH	156
13	0	HLH	157	7/7/22	13	11	HLH	157	8/7/22	13	11	LLH	157
14	0	HLH	158	7/7/22	14	11	HLH	158	8/7/22	14	11	LLH	158
15	0	HLH	159	7/7/22	15	11	HLH	159	8/7/22	15	11	LLH	159
16	0	HLH	160	7/7/22	16	11	HLH	160	8/7/22	16	11	LLH	160
17	0	HLH	161	7/7/22	17	11	HLH	161	8/7/22	17	11	LLH	161
18	0	HLH	162	7/7/22	18	11	HLH	162	8/7/22	18	11	LLH	162
19	0	HLH	163	7/7/22	19	11	HLH	163	8/7/22	19	11	LLH	163
20	0	HLH	164	7/7/22	20	11	HLH	164	8/7/22	20	11	LLH	164
21	0	HLH	165	7/7/22	21	11	HLH	165	8/7/22	21	11	LLH	165
22	0	HLH	166	7/7/22	22	11	HLH	166	8/7/22	22	11	LLH	166
23	0	LLH	167	7/7/22	23	11	LLH	167	8/7/22	23	11	LLH	167

24	0	LLH	168	7/7/22	24	11	LLH	168	8/7/22	24	11	LLH	168
1	0	LLH	169	7/8/22	1	11	LLH	169	8/8/22	1	11	LLH	169
2	0	LLH	170	7/8/22	2	11	LLH	170	8/8/22	2	11	LLH	170
3	0	LLH	171	7/8/22	3	11	LLH	171	8/8/22	3	11	LLH	171
4	0	LLH	172	7/8/22	4	11	LLH	172	8/8/22	4	11	LLH	172
5	0	LLH	173	7/8/22	5	11	LLH	173	8/8/22	5	11	LLH	173
6	0	LLH	174	7/8/22	6	11	LLH	174	8/8/22	6	11	LLH	174
7	0	HLH	175	7/8/22	7	11	HLH	175	8/8/22	7	11	HLH	175
8	0	HLH	176	7/8/22	8	11	HLH	176	8/8/22	8	11	HLH	176
9	0	HLH	177	7/8/22	9	11	HLH	177	8/8/22	9	11	HLH	177
10	0	HLH	178	7/8/22	10	11	HLH	178	8/8/22	10	11	HLH	178
11	0	HLH	179	7/8/22	11	11	HLH	179	8/8/22	11	11	HLH	179
12	0	HLH	180	7/8/22	12	11	HLH	180	8/8/22	12	11	HLH	180
13	0	HLH	181	7/8/22	13	11	HLH	181	8/8/22	13	11	HLH	181
14	0	HLH	182	7/8/22	14	11	HLH	182	8/8/22	14	11	HLH	182
15	0	HLH	183	7/8/22	15	11	HLH	183	8/8/22	15	11	HLH	183
16	0	HLH	184	7/8/22	16	11	HLH	184	8/8/22	16	11	HLH	184
17	0	HLH	185	7/8/22	17	11	HLH	185	8/8/22	17	11	HLH	185
18	0	HLH	186	7/8/22	18	11	HLH	186	8/8/22	18	11	HLH	186
19	0	HLH	187	7/8/22	19	11	HLH	187	8/8/22	19	11	HLH	187
20	0	HLH	188	7/8/22	20	11	HLH	188	8/8/22	20	11	HLH	188
21	0	HLH	189	7/8/22	21	11	HLH	189	8/8/22	21	11	HLH	189
22	0	HLH	190	7/8/22	22	11	HLH	190	8/8/22	22	11	HLH	190
23	0	LLH	191	7/8/22	23	11	LLH	191	8/8/22	23	11	LLH	191
24	0	LLH	192	7/8/22	24	11	LLH	192	8/8/22	24	11	LLH	192
1	0	LLH	193	7/9/22	1	11	LLH	193	8/9/22	1	11	LLH	193
2	0	LLH	194	7/9/22	2	11	LLH	194	8/9/22	2	11	LLH	194
3	0	LLH	195	7/9/22	3	11	LLH	195	8/9/22	3	11	LLH	195
4	0	LLH	196	7/9/22	4	11	LLH	196	8/9/22	4	11	LLH	196
5	0	LLH	197	7/9/22	5	11	LLH	197	8/9/22	5	11	LLH	197
6	0	LLH	198	7/9/22	6	11	LLH	198	8/9/22	6	11	LLH	198
7	0	HLH	199	7/9/22	7	11	HLH	199	8/9/22	7	11	HLH	199
8	0	HLH	200	7/9/22	8	11	HLH	200	8/9/22	8	11	HLH	200
9	0	HLH	201	7/9/22	9	11	HLH	201	8/9/22	9	11	HLH	201

10	0	HLH	202	7/9/22	10	11	HLH	202	8/9/22	10	11	HLH	202
11	0	HLH	203	7/9/22	11	11	HLH	203	8/9/22	11	11	HLH	203
12	0	HLH	204	7/9/22	12	11	HLH	204	8/9/22	12	11	HLH	204
13	0	HLH	205	7/9/22	13	11	HLH	205	8/9/22	13	11	HLH	205
14	0	HLH	206	7/9/22	14	11	HLH	206	8/9/22	14	11	HLH	206
15	0	HLH	207	7/9/22	15	11	HLH	207	8/9/22	15	11	HLH	207
16	0	HLH	208	7/9/22	16	11	HLH	208	8/9/22	16	11	HLH	208
17	0	HLH	209	7/9/22	17	11	HLH	209	8/9/22	17	11	HLH	209
18	0	HLH	210	7/9/22	18	11	HLH	210	8/9/22	18	11	HLH	210
19	0	HLH	211	7/9/22	19	11	HLH	211	8/9/22	19	11	HLH	211
20	0	HLH	212	7/9/22	20	11	HLH	212	8/9/22	20	11	HLH	212
21	0	HLH	213	7/9/22	21	11	HLH	213	8/9/22	21	11	HLH	213
22	0	HLH	214	7/9/22	22	11	HLH	214	8/9/22	22	11	HLH	214
23	0	LLH	215	7/9/22	23	11	LLH	215	8/9/22	23	11	LLH	215
24	0	LLH	216	7/9/22	24	11	LLH	216	8/9/22	24	11	LLH	216
1	0	LLH	217	7/10/22	1	11	LLH	217	8/10/22	1	11	LLH	217
2	0	LLH	218	7/10/22	2	11	LLH	218	8/10/22	2	11	LLH	218
3	0	LLH	219	7/10/22	3	11	LLH	219	8/10/22	3	11	LLH	219
4	0	LLH	220	7/10/22	4	11	LLH	220	8/10/22	4	11	LLH	220
5	0	LLH	221	7/10/22	5	11	LLH	221	8/10/22	5	11	LLH	221
6	0	LLH	222	7/10/22	6	11	LLH	222	8/10/22	6	11	LLH	222
7	0	HLH	223	7/10/22	7	11	LLH	223	8/10/22	7	11	HLH	223
8	0	HLH	224	7/10/22	8	11	LLH	224	8/10/22	8	11	HLH	224
9	0	HLH	225	7/10/22	9	11	LLH	225	8/10/22	9	11	HLH	225
10	0	HLH	226	7/10/22	10	11	LLH	226	8/10/22	10	11	HLH	226
11	0	HLH	227	7/10/22	11	11	LLH	227	8/10/22	11	11	HLH	227
12	0	HLH	228	7/10/22	12	11	LLH	228	8/10/22	12	11	HLH	228
13	0	HLH	229	7/10/22	13	11	LLH	229	8/10/22	13	11	HLH	229
14	0	HLH	230	7/10/22	14	11	LLH	230	8/10/22	14	11	HLH	230
15	0	HLH	231	7/10/22	15	11	LLH	231	8/10/22	15	11	HLH	231
16	0	HLH	232	7/10/22	16	11	LLH	232	8/10/22	16	11	HLH	232
17	0	HLH	233	7/10/22	17	11	LLH	233	8/10/22	17	11	HLH	233
18	0	HLH	234	7/10/22	18	11	LLH	234	8/10/22	18	11	HLH	234
19	0	HLH	235	7/10/22	19	11	LLH	235	8/10/22	19	11	HLH	235

20	0	HLH	236	7/10/22	20	11	LLH	236	8/10/22	20	11	HLH	236
21	0	HLH	237	7/10/22	21	11	LLH	237	8/10/22	21	11	HLH	237
22	0	HLH	238	7/10/22	22	11	LLH	238	8/10/22	22	11	HLH	238
23	0	LLH	239	7/10/22	23	11	LLH	239	8/10/22	23	11	LLH	239
24	0	LLH	240	7/10/22	24	11	LLH	240	8/10/22	24	11	LLH	240
1	0	LLH	241	7/11/22	1	11	LLH	241	8/11/22	1	11	LLH	241
2	0	LLH	242	7/11/22	2	11	LLH	242	8/11/22	2	11	LLH	242
3	0	LLH	243	7/11/22	3	11	LLH	243	8/11/22	3	11	LLH	243
4	0	LLH	244	7/11/22	4	11	LLH	244	8/11/22	4	11	LLH	244
5	0	LLH	245	7/11/22	5	11	LLH	245	8/11/22	5	11	LLH	245
6	0	LLH	246	7/11/22	6	11	LLH	246	8/11/22	6	11	LLH	246
7	0	HLH	247	7/11/22	7	11	HLH	247	8/11/22	7	11	HLH	247
8	0	HLH	248	7/11/22	8	11	HLH	248	8/11/22	8	11	HLH	248
9	0	HLH	249	7/11/22	9	11	HLH	249	8/11/22	9	11	HLH	249
10	0	HLH	250	7/11/22	10	11	HLH	250	8/11/22	10	11	HLH	250
11	0	HLH	251	7/11/22	11	11	HLH	251	8/11/22	11	11	HLH	251
12	0	HLH	252	7/11/22	12	11	HLH	252	8/11/22	12	11	HLH	252
13	0	HLH	253	7/11/22	13	11	HLH	253	8/11/22	13	11	HLH	253
14	0	HLH	254	7/11/22	14	11	HLH	254	8/11/22	14	11	HLH	254
15	0	HLH	255	7/11/22	15	11	HLH	255	8/11/22	15	11	HLH	255
16	0	HLH	256	7/11/22	16	11	HLH	256	8/11/22	16	11	HLH	256
17	0	HLH	257	7/11/22	17	11	HLH	257	8/11/22	17	11	HLH	257
18	0	HLH	258	7/11/22	18	11	HLH	258	8/11/22	18	11	HLH	258
19	0	HLH	259	7/11/22	19	11	HLH	259	8/11/22	19	11	HLH	259
20	0	HLH	260	7/11/22	20	11	HLH	260	8/11/22	20	11	HLH	260
21	0	HLH	261	7/11/22	21	11	HLH	261	8/11/22	21	11	HLH	261
22	0	HLH	262	7/11/22	22	11	HLH	262	8/11/22	22	11	HLH	262
23	0	LLH	263	7/11/22	23	11	LLH	263	8/11/22	23	11	LLH	263
24	0	LLH	264	7/11/22	24	11	LLH	264	8/11/22	24	11	LLH	264
1	0	LLH	265	7/12/22	1	11	LLH	265	8/12/22	1	11	LLH	265
2	0	LLH	266	7/12/22	2	11	LLH	266	8/12/22	2	11	LLH	266
3	0	LLH	267	7/12/22	3	11	LLH	267	8/12/22	3	11	LLH	267
4	0	LLH	268	7/12/22	4	11	LLH	268	8/12/22	4	11	LLH	268
5	0	LLH	269	7/12/22	5	11	LLH	269	8/12/22	5	11	LLH	269

6	0	LLH	270	7/12/22	6	11	LLH	270	8/12/22	6	11	LLH	270
7	0	LLH	271	7/12/22	7	11	HLH	271	8/12/22	7	11	HLH	271
8	0	LLH	272	7/12/22	8	11	HLH	272	8/12/22	8	11	HLH	272
9	0	LLH	273	7/12/22	9	11	HLH	273	8/12/22	9	11	HLH	273
10	0	LLH	274	7/12/22	10	11	HLH	274	8/12/22	10	11	HLH	274
11	0	LLH	275	7/12/22	11	11	HLH	275	8/12/22	11	11	HLH	275
12	0	LLH	276	7/12/22	12	11	HLH	276	8/12/22	12	11	HLH	276
13	0	LLH	277	7/12/22	13	11	HLH	277	8/12/22	13	11	HLH	277
14	0	LLH	278	7/12/22	14	11	HLH	278	8/12/22	14	11	HLH	278
15	0	LLH	279	7/12/22	15	11	HLH	279	8/12/22	15	11	HLH	279
16	0	LLH	280	7/12/22	16	11	HLH	280	8/12/22	16	11	HLH	280
17	0	LLH	281	7/12/22	17	11	HLH	281	8/12/22	17	11	HLH	281
18	0	LLH	282	7/12/22	18	11	HLH	282	8/12/22	18	11	HLH	282
19	0	LLH	283	7/12/22	19	11	HLH	283	8/12/22	19	11	HLH	283
20	0	LLH	284	7/12/22	20	11	HLH	284	8/12/22	20	11	HLH	284
21	0	LLH	285	7/12/22	21	11	HLH	285	8/12/22	21	11	HLH	285
22	0	LLH	286	7/12/22	22	11	HLH	286	8/12/22	22	11	HLH	286
23	0	LLH	287	7/12/22	23	11	LLH	287	8/12/22	23	11	LLH	287
24	0	LLH	288	7/12/22	24	11	LLH	288	8/12/22	24	11	LLH	288
1	0	LLH	289	7/13/22	1	11	LLH	289	8/13/22	1	11	LLH	289
2	0	LLH	290	7/13/22	2	11	LLH	290	8/13/22	2	11	LLH	290
3	0	LLH	291	7/13/22	3	11	LLH	291	8/13/22	3	11	LLH	291
4	0	LLH	292	7/13/22	4	11	LLH	292	8/13/22	4	11	LLH	292
5	0	LLH	293	7/13/22	5	11	LLH	293	8/13/22	5	11	LLH	293
6	0	LLH	294	7/13/22	6	11	LLH	294	8/13/22	6	11	LLH	294
7	0	HLH	295	7/13/22	7	11	HLH	295	8/13/22	7	11	HLH	295
8	0	HLH	296	7/13/22	8	11	HLH	296	8/13/22	8	11	HLH	296
9	0	HLH	297	7/13/22	9	11	HLH	297	8/13/22	9	11	HLH	297
10	0	HLH	298	7/13/22	10	11	HLH	298	8/13/22	10	11	HLH	298
11	0	HLH	299	7/13/22	11	11	HLH	299	8/13/22	11	11	HLH	299
12	0	HLH	300	7/13/22	12	11	HLH	300	8/13/22	12	11	HLH	300
13	0	HLH	301	7/13/22	13	11	HLH	301	8/13/22	13	11	HLH	301
14	0	HLH	302	7/13/22	14	11	HLH	302	8/13/22	14	11	HLH	302
15	0	HLH	303	7/13/22	15	11	HLH	303	8/13/22	15	11	HLH	303

16	0	HLH	304	7/13/22	16	11	HLH	304	8/13/22	16	11	HLH	304
17	0	HLH	305	7/13/22	17	11	HLH	305	8/13/22	17	11	HLH	305
18	0	HLH	306	7/13/22	18	11	HLH	306	8/13/22	18	11	HLH	306
19	0	HLH	307	7/13/22	19	11	HLH	307	8/13/22	19	11	HLH	307
20	0	HLH	308	7/13/22	20	11	HLH	308	8/13/22	20	11	HLH	308
21	0	HLH	309	7/13/22	21	11	HLH	309	8/13/22	21	11	HLH	309
22	0	HLH	310	7/13/22	22	11	HLH	310	8/13/22	22	11	HLH	310
23	0	LLH	311	7/13/22	23	11	LLH	311	8/13/22	23	11	LLH	311
24	0	LLH	312	7/13/22	24	11	LLH	312	8/13/22	24	11	LLH	312
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2	0	LLH	314	7/14/22	2	11	LLH	314	8/14/22	2	11	LLH	314
3	0	LLH	315	7/14/22	3	11	LLH	315	8/14/22	3	11	LLH	315
4	0	LLH	316	7/14/22	4	11	LLH	316	8/14/22	4	11	LLH	316
5	0	LLH	317	7/14/22	5	11	LLH	317	8/14/22	5	11	LLH	317
6	0	LLH	318	7/14/22	6	11	LLH	318	8/14/22	6	11	LLH	318
7	0	HLH	319	7/14/22	7	11	HLH	319	8/14/22	7	11	LLH	319
8	0	HLH	320	7/14/22	8	11	HLH	320	8/14/22	8	11	LLH	320
9	0	HLH	321	7/14/22	9	11	HLH	321	8/14/22	9	11	LLH	321
10	0	HLH	322	7/14/22	10	11	HLH	322	8/14/22	10	11	LLH	322
11	0	HLH	323	7/14/22	11	11	HLH	323	8/14/22	11	11	LLH	323
12	0	HLH	324	7/14/22	12	11	HLH	324	8/14/22	12	11	LLH	324
13	0	HLH	325	7/14/22	13	11	HLH	325	8/14/22	13	11	LLH	325
14	0	HLH	326	7/14/22	14	11	HLH	326	8/14/22	14	11	LLH	326
15	0	HLH	327	7/14/22	15	11	HLH	327	8/14/22	15	11	LLH	327
16	0	HLH	328	7/14/22	16	11	HLH	328	8/14/22	16	11	LLH	328
17	0	HLH	329	7/14/22	17	11	HLH	329	8/14/22	17	11	LLH	329
18	0	HLH	330	7/14/22	18	11	HLH	330	8/14/22	18	11	LLH	330
19	0	HLH	331	7/14/22	19	11	HLH	331	8/14/22	19	11	LLH	331
20	0	HLH	332	7/14/22	20	11	HLH	332	8/14/22	20	11	LLH	332
21	0	HLH	333	7/14/22	21	11	HLH	333	8/14/22	21	11	LLH	333
22	0	HLH	334	7/14/22	22	11	HLH	334	8/14/22	22	11	LLH	334
23	0	LLH	335	7/14/22	23	11	LLH	335	8/14/22	23	11	LLH	335
24	0	LLH	336	7/14/22	24	11	LLH	336	8/14/22	24	11	LLH	336
1	0	LLH	337	7/15/22	1	11	LLH	337	8/15/22	1	11	LLH	337

2	0	LLH	338	7/15/22	2	11	LLH	338	8/15/22	2	11	LLH	338
3	0	LLH	339	7/15/22	3	11	LLH	339	8/15/22	3	11	LLH	339
4	0	LLH	340	7/15/22	4	11	LLH	340	8/15/22	4	11	LLH	340
5	0	LLH	341	7/15/22	5	11	LLH	341	8/15/22	5	11	LLH	341
6	0	LLH	342	7/15/22	6	11	LLH	342	8/15/22	6	11	LLH	342
7	0	HLH	343	7/15/22	7	11	HLH	343	8/15/22	7	11	HLH	343
8	0	HLH	344	7/15/22	8	11	HLH	344	8/15/22	8	11	HLH	344
9	0	HLH	345	7/15/22	9	11	HLH	345	8/15/22	9	11	HLH	345
10	0	HLH	346	7/15/22	10	11	HLH	346	8/15/22	10	11	HLH	346
11	0	HLH	347	7/15/22	11	11	HLH	347	8/15/22	11	11	HLH	347
12	0	HLH	348	7/15/22	12	11	HLH	348	8/15/22	12	11	HLH	348
13	0	HLH	349	7/15/22	13	11	HLH	349	8/15/22	13	11	HLH	349
14	0	HLH	350	7/15/22	14	11	HLH	350	8/15/22	14	11	HLH	350
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16	0	HLH	352	7/15/22	16	11	HLH	352	8/15/22	16	11	HLH	352
17	0	HLH	353	7/15/22	17	11	HLH	353	8/15/22	17	11	HLH	353
18	0	HLH	354	7/15/22	18	11	HLH	354	8/15/22	18	11	HLH	354
19	0	HLH	355	7/15/22	19	11	HLH	355	8/15/22	19	11	HLH	355
20	0	HLH	356	7/15/22	20	11	HLH	356	8/15/22	20	11	HLH	356
21	0	HLH	357	7/15/22	21	11	HLH	357	8/15/22	21	11	HLH	357
22	0	HLH	358	7/15/22	22	11	HLH	358	8/15/22	22	11	HLH	358
23	0	LLH	359	7/15/22	23	11	LLH	359	8/15/22	23	11	LLH	359
24	0	LLH	360	7/15/22	24	11	LLH	360	8/15/22	24	11	LLH	360
1	0	LLH	361	7/16/22	1	11	LLH	361	8/16/22	1	11	LLH	361
2	0	LLH	362	7/16/22	2	11	LLH	362	8/16/22	2	11	LLH	362
3	0	LLH	363	7/16/22	3	11	LLH	363	8/16/22	3	11	LLH	363
4	0	LLH	364	7/16/22	4	11	LLH	364	8/16/22	4	11	LLH	364
5	0	LLH	365	7/16/22	5	11	LLH	365	8/16/22	5	11	LLH	365
6	0	LLH	366	7/16/22	6	11	LLH	366	8/16/22	6	11	LLH	366
7	0	HLH	367	7/16/22	7	11	HLH	367	8/16/22	7	11	HLH	367
8	0	HLH	368	7/16/22	8	11	HLH	368	8/16/22	8	11	HLH	368
9	0	HLH	369	7/16/22	9	11	HLH	369	8/16/22	9	11	HLH	369
10	0	HLH	370	7/16/22	10	11	HLH	370	8/16/22	10	11	HLH	370
11	0	HLH	371	7/16/22	11	11	HLH	371	8/16/22	11	11	HLH	371

12	0	HLH	372	7/16/22	12	11	HLH	372	8/16/22	12	11	HLH	372
13	0	HLH	373	7/16/22	13	11	HLH	373	8/16/22	13	11	HLH	373
14	0	HLH	374	7/16/22	14	11	HLH	374	8/16/22	14	11	HLH	374
15	0	HLH	375	7/16/22	15	11	HLH	375	8/16/22	15	11	HLH	375
16	0	HLH	376	7/16/22	16	11	HLH	376	8/16/22	16	11	HLH	376
17	0	HLH	377	7/16/22	17	11	HLH	377	8/16/22	17	11	HLH	377
18	0	HLH	378	7/16/22	18	11	HLH	378	8/16/22	18	11	HLH	378
19	0	HLH	379	7/16/22	19	11	HLH	379	8/16/22	19	11	HLH	379
20	0	HLH	380	7/16/22	20	11	HLH	380	8/16/22	20	11	HLH	380
21	0	HLH	381	7/16/22	21	11	HLH	381	8/16/22	21	11	HLH	381
22	0	HLH	382	7/16/22	22	11	HLH	382	8/16/22	22	11	HLH	382
23	0	LLH	383	7/16/22	23	11	LLH	383	8/16/22	23	11	LLH	383
24	0	LLH	384	7/16/22	24	11	LLH	384	8/16/22	24	11	LLH	384
1	0	LLH	385	7/17/22	1	11	LLH	385	8/17/22	1	11	LLH	385
2	0	LLH	386	7/17/22	2	11	LLH	386	8/17/22	2	11	LLH	386
3	0	LLH	387	7/17/22	3	11	LLH	387	8/17/22	3	11	LLH	387
4	0	LLH	388	7/17/22	4	11	LLH	388	8/17/22	4	11	LLH	388
5	0	LLH	389	7/17/22	5	11	LLH	389	8/17/22	5	11	LLH	389
6	0	LLH	390	7/17/22	6	11	LLH	390	8/17/22	6	11	LLH	390
7	0	HLH	391	7/17/22	7	11	LLH	391	8/17/22	7	11	HLH	391
8	0	HLH	392	7/17/22	8	11	LLH	392	8/17/22	8	11	HLH	392
9	0	HLH	393	7/17/22	9	11	LLH	393	8/17/22	9	11	HLH	393
10	0	HLH	394	7/17/22	10	11	LLH	394	8/17/22	10	11	HLH	394
11	0	HLH	395	7/17/22	11	11	LLH	395	8/17/22	11	11	HLH	395
12	0	HLH	396	7/17/22	12	11	LLH	396	8/17/22	12	11	HLH	396
13	0	HLH	397	7/17/22	13	11	LLH	397	8/17/22	13	11	HLH	397
14	0	HLH	398	7/17/22	14	11	LLH	398	8/17/22	14	11	HLH	398
15	0	HLH	399	7/17/22	15	11	LLH	399	8/17/22	15	11	HLH	399
16	0	HLH	400	7/17/22	16	11	LLH	400	8/17/22	16	11	HLH	400
17	0	HLH	401	7/17/22	17	11	LLH	401	8/17/22	17	11	HLH	401
18	0	HLH	402	7/17/22	18	11	LLH	402	8/17/22	18	11	HLH	402
19	0	HLH	403	7/17/22	19	11	LLH	403	8/17/22	19	11	HLH	403
20	0	HLH	404	7/17/22	20	11	LLH	404	8/17/22	20	11	HLH	404
21	0	HLH	405	7/17/22	21	11	LLH	405	8/17/22	21	11	HLH	405

22	0	HLH	406	7/17/22	22	11	LLH	406	8/17/22	22	11	HLH	406
23	0	LLH	407	7/17/22	23	11	LLH	407	8/17/22	23	11	LLH	407
24	0	LLH	408	7/17/22	24	11	LLH	408	8/17/22	24	11	LLH	408
1	0	LLH	409	7/18/22	1	11	LLH	409	8/18/22	1	11	LLH	409
2	0	LLH	410	7/18/22	2	11	LLH	410	8/18/22	2	11	LLH	410
3	0	LLH	411	7/18/22	3	11	LLH	411	8/18/22	3	11	LLH	411
4	0	LLH	412	7/18/22	4	11	LLH	412	8/18/22	4	11	LLH	412
5	0	LLH	413	7/18/22	5	11	LLH	413	8/18/22	5	11	LLH	413
6	0	LLH	414	7/18/22	6	11	LLH	414	8/18/22	6	11	LLH	414
7	0	HLH	415	7/18/22	7	11	HLH	415	8/18/22	7	11	HLH	415
8	0	HLH	416	7/18/22	8	11	HLH	416	8/18/22	8	11	HLH	416
9	0	HLH	417	7/18/22	9	11	HLH	417	8/18/22	9	11	HLH	417
10	0	HLH	418	7/18/22	10	11	HLH	418	8/18/22	10	11	HLH	418
11	0	HLH	419	7/18/22	11	11	HLH	419	8/18/22	11	11	HLH	419
12	0	HLH	420	7/18/22	12	11	HLH	420	8/18/22	12	11	HLH	420
13	0	HLH	421	7/18/22	13	11	HLH	421	8/18/22	13	11	HLH	421
14	0	HLH	422	7/18/22	14	11	HLH	422	8/18/22	14	11	HLH	422
15	0	HLH	423	7/18/22	15	11	HLH	423	8/18/22	15	11	HLH	423
16	0	HLH	424	7/18/22	16	11	HLH	424	8/18/22	16	11	HLH	424
17	0	HLH	425	7/18/22	17	11	HLH	425	8/18/22	17	11	HLH	425
18	0	HLH	426	7/18/22	18	11	HLH	426	8/18/22	18	11	HLH	426
19	0	HLH	427	7/18/22	19	11	HLH	427	8/18/22	19	11	HLH	427
20	0	HLH	428	7/18/22	20	11	HLH	428	8/18/22	20	11	HLH	428
21	0	HLH	429	7/18/22	21	11	HLH	429	8/18/22	21	11	HLH	429
22	0	HLH	430	7/18/22	22	11	HLH	430	8/18/22	22	11	HLH	430
23	0	LLH	431	7/18/22	23	11	LLH	431	8/18/22	23	11	LLH	431
24	0	LLH	432	7/18/22	24	11	LLH	432	8/18/22	24	11	LLH	432
1	0	LLH	433	7/19/22	1	11	LLH	433	8/19/22	1	11	LLH	433
2	0	LLH	434	7/19/22	2	11	LLH	434	8/19/22	2	11	LLH	434
3	0	LLH	435	7/19/22	3	11	LLH	435	8/19/22	3	11	LLH	435
4	0	LLH	436	7/19/22	4	11	LLH	436	8/19/22	4	11	LLH	436
5	0	LLH	437	7/19/22	5	11	LLH	437	8/19/22	5	11	LLH	437
6	0	LLH	438	7/19/22	6	11	LLH	438	8/19/22	6	11	LLH	438
7	0	LLH	439	7/19/22	7	11	HLH	439	8/19/22	7	11	HLH	439

8	0	LLH	440	7/19/22	8	11	HLH	440	8/19/22	8	11	HLH	440
9	0	LLH	441	7/19/22	9	11	HLH	441	8/19/22	9	11	HLH	441
10	0	LLH	442	7/19/22	10	11	HLH	442	8/19/22	10	11	HLH	442
11	0	LLH	443	7/19/22	11	11	HLH	443	8/19/22	11	11	HLH	443
12	0	LLH	444	7/19/22	12	11	HLH	444	8/19/22	12	11	HLH	444
13	0	LLH	445	7/19/22	13	11	HLH	445	8/19/22	13	11	HLH	445
14	0	LLH	446	7/19/22	14	11	HLH	446	8/19/22	14	11	HLH	446
15	0	LLH	447	7/19/22	15	11	HLH	447	8/19/22	15	11	HLH	447
16	0	LLH	448	7/19/22	16	11	HLH	448	8/19/22	16	11	HLH	448
17	0	LLH	449	7/19/22	17	11	HLH	449	8/19/22	17	11	HLH	449
18	0	LLH	450	7/19/22	18	11	HLH	450	8/19/22	18	11	HLH	450
19	0	LLH	451	7/19/22	19	11	HLH	451	8/19/22	19	11	HLH	451
20	0	LLH	452	7/19/22	20	11	HLH	452	8/19/22	20	11	HLH	452
21	0	LLH	453	7/19/22	21	11	HLH	453	8/19/22	21	11	HLH	453
22	0	LLH	454	7/19/22	22	11	HLH	454	8/19/22	22	11	HLH	454
23	0	LLH	455	7/19/22	23	11	LLH	455	8/19/22	23	11	LLH	455
24	0	LLH	456	7/19/22	24	11	LLH	456	8/19/22	24	11	LLH	456
1	0	LLH	457	7/20/22	1	11	LLH	457	8/20/22	1	11	LLH	457
2	0	LLH	458	7/20/22	2	11	LLH	458	8/20/22	2	11	LLH	458
3	0	LLH	459	7/20/22	3	11	LLH	459	8/20/22	3	11	LLH	459
4	0	LLH	460	7/20/22	4	11	LLH	460	8/20/22	4	11	LLH	460
5	0	LLH	461	7/20/22	5	11	LLH	461	8/20/22	5	11	LLH	461
6	0	LLH	462	7/20/22	6	11	LLH	462	8/20/22	6	11	LLH	462
7	0	HLH	463	7/20/22	7	11	HLH	463	8/20/22	7	11	HLH	463
8	0	HLH	464	7/20/22	8	11	HLH	464	8/20/22	8	11	HLH	464
9	0	HLH	465	7/20/22	9	11	HLH	465	8/20/22	9	11	HLH	465
10	0	HLH	466	7/20/22	10	11	HLH	466	8/20/22	10	11	HLH	466
11	0	HLH	467	7/20/22	11	11	HLH	467	8/20/22	11	11	HLH	467
12	0	HLH	468	7/20/22	12	11	HLH	468	8/20/22	12	11	HLH	468
13	0	HLH	469	7/20/22	13	11	HLH	469	8/20/22	13	11	HLH	469
14	0	HLH	470	7/20/22	14	11	HLH	470	8/20/22	14	11	HLH	470
15	0	HLH	471	7/20/22	15	11	HLH	471	8/20/22	15	11	HLH	471
16	0	HLH	472	7/20/22	16	11	HLH	472	8/20/22	16	11	HLH	472
17	0	HLH	473	7/20/22	17	11	HLH	473	8/20/22	17	11	HLH	473

18	0	HLH	474	7/20/22	18	11	HLH	474	8/20/22	18	11	HLH	474
19	0	HLH	475	7/20/22	19	11	HLH	475	8/20/22	19	11	HLH	475
20	0	HLH	476	7/20/22	20	11	HLH	476	8/20/22	20	11	HLH	476
21	0	HLH	477	7/20/22	21	11	HLH	477	8/20/22	21	11	HLH	477
22	0	HLH	478	7/20/22	22	11	HLH	478	8/20/22	22	11	HLH	478
23	0	LLH	479	7/20/22	23	11	LLH	479	8/20/22	23	11	LLH	479
24	0	LLH	480	7/20/22	24	11	LLH	480	8/20/22	24	11	LLH	480
1	0	LLH	481	7/21/22	1	11	LLH	481	8/21/22	1	11	LLH	481
2	0	LLH	482	7/21/22	2	11	LLH	482	8/21/22	2	11	LLH	482
3	0	LLH	483	7/21/22	3	11	LLH	483	8/21/22	3	11	LLH	483
4	0	LLH	484	7/21/22	4	11	LLH	484	8/21/22	4	11	LLH	484
5	0	LLH	485	7/21/22	5	11	LLH	485	8/21/22	5	11	LLH	485
6	0	LLH	486	7/21/22	6	11	LLH	486	8/21/22	6	11	LLH	486
7	0	HLH	487	7/21/22	7	11	HLH	487	8/21/22	7	11	LLH	487
8	0	HLH	488	7/21/22	8	11	HLH	488	8/21/22	8	11	LLH	488
9	0	HLH	489	7/21/22	9	11	HLH	489	8/21/22	9	11	LLH	489
10	0	HLH	490	7/21/22	10	11	HLH	490	8/21/22	10	11	LLH	490
11	0	HLH	491	7/21/22	11	11	HLH	491	8/21/22	11	11	LLH	491
12	0	HLH	492	7/21/22	12	11	HLH	492	8/21/22	12	11	LLH	492
13	0	HLH	493	7/21/22	13	11	HLH	493	8/21/22	13	11	LLH	493
14	0	HLH	494	7/21/22	14	11	HLH	494	8/21/22	14	11	LLH	494
15	0	HLH	495	7/21/22	15	11	HLH	495	8/21/22	15	11	LLH	495
16	0	HLH	496	7/21/22	16	11	HLH	496	8/21/22	16	11	LLH	496
17	0	HLH	497	7/21/22	17	11	HLH	497	8/21/22	17	11	LLH	497
18	0	HLH	498	7/21/22	18	11	HLH	498	8/21/22	18	11	LLH	498
19	0	HLH	499	7/21/22	19	11	HLH	499	8/21/22	19	11	LLH	499
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21	0	HLH	501	7/21/22	21	11	HLH	501	8/21/22	21	11	LLH	501
22	0	HLH	502	7/21/22	22	11	HLH	502	8/21/22	22	11	LLH	502
23	0	LLH	503	7/21/22	23	11	LLH	503	8/21/22	23	11	LLH	503
24	0	LLH	504	7/21/22	24	11	LLH	504	8/21/22	24	11	LLH	504
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2	0	LLH	506	7/22/22	2	11	LLH	506	8/22/22	2	11	LLH	506
3	0	LLH	507	7/22/22	3	11	LLH	507	8/22/22	3	11	LLH	507

4	0	LLH	508	7/22/22	4	11	LLH	508	8/22/22	4	11	LLH	508
5	0	LLH	509	7/22/22	5	11	LLH	509	8/22/22	5	11	LLH	509
6	0	LLH	510	7/22/22	6	11	LLH	510	8/22/22	6	11	LLH	510
7	0	HLH	511	7/22/22	7	11	HLH	511	8/22/22	7	11	HLH	511
8	0	HLH	512	7/22/22	8	11	HLH	512	8/22/22	8	11	HLH	512
9	0	HLH	513	7/22/22	9	11	HLH	513	8/22/22	9	11	HLH	513
10	0	HLH	514	7/22/22	10	11	HLH	514	8/22/22	10	11	HLH	514
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12	0	HLH	516	7/22/22	12	11	HLH	516	8/22/22	12	11	HLH	516
13	0	HLH	517	7/22/22	13	11	HLH	517	8/22/22	13	11	HLH	517
14	0	HLH	518	7/22/22	14	11	HLH	518	8/22/22	14	11	HLH	518
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17	0	HLH	521	7/22/22	17	11	HLH	521	8/22/22	17	11	HLH	521
18	0	HLH	522	7/22/22	18	11	HLH	522	8/22/22	18	11	HLH	522
19	0	HLH	523	7/22/22	19	11	HLH	523	8/22/22	19	11	HLH	523
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21	0	HLH	525	7/22/22	21	11	HLH	525	8/22/22	21	11	HLH	525
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1	0	LLH	529	7/23/22	1	11	LLH	529	8/23/22	1	11	LLH	529
2	0	LLH	530	7/23/22	2	11	LLH	530	8/23/22	2	11	LLH	530
3	0	LLH	531	7/23/22	3	11	LLH	531	8/23/22	3	11	LLH	531
4	0	LLH	532	7/23/22	4	11	LLH	532	8/23/22	4	11	LLH	532
5	0	LLH	533	7/23/22	5	11	LLH	533	8/23/22	5	11	LLH	533
6	0	LLH	534	7/23/22	6	11	LLH	534	8/23/22	6	11	LLH	534
7	0	HLH	535	7/23/22	7	11	HLH	535	8/23/22	7	11	HLH	535
8	0	HLH	536	7/23/22	8	11	HLH	536	8/23/22	8	11	HLH	536
9	0	HLH	537	7/23/22	9	11	HLH	537	8/23/22	9	11	HLH	537
10	0	HLH	538	7/23/22	10	11	HLH	538	8/23/22	10	11	HLH	538
11	0	HLH	539	7/23/22	11	11	HLH	539	8/23/22	11	11	HLH	539
12	0	HLH	540	7/23/22	12	11	HLH	540	8/23/22	12	11	HLH	540
13	0	HLH	541	7/23/22	13	11	HLH	541	8/23/22	13	11	HLH	541

14	0	HLH	542	7/23/22	14	11	HLH	542	8/23/22	14	11	HLH	542
15	0	HLH	543	7/23/22	15	11	HLH	543	8/23/22	15	11	HLH	543
16	0	HLH	544	7/23/22	16	11	HLH	544	8/23/22	16	11	HLH	544
17	0	HLH	545	7/23/22	17	11	HLH	545	8/23/22	17	11	HLH	545
18	0	HLH	546	7/23/22	18	11	HLH	546	8/23/22	18	11	HLH	546
19	0	HLH	547	7/23/22	19	11	HLH	547	8/23/22	19	11	HLH	547
20	0	HLH	548	7/23/22	20	11	HLH	548	8/23/22	20	11	HLH	548
21	0	HLH	549	7/23/22	21	11	HLH	549	8/23/22	21	11	HLH	549
22	0	HLH	550	7/23/22	22	11	HLH	550	8/23/22	22	11	HLH	550
23	0	LLH	551	7/23/22	23	11	LLH	551	8/23/22	23	11	LLH	551
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1	0	LLH	553	7/24/22	1	11	LLH	553	8/24/22	1	11	LLH	553
2	0	LLH	554	7/24/22	2	11	LLH	554	8/24/22	2	11	LLH	554
3	0	LLH	555	7/24/22	3	11	LLH	555	8/24/22	3	11	LLH	555
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6	0	LLH	558	7/24/22	6	11	LLH	558	8/24/22	6	11	LLH	558
7	0	HLH	559	7/24/22	7	11	LLH	559	8/24/22	7	11	HLH	559
8	0	HLH	560	7/24/22	8	11	LLH	560	8/24/22	8	11	HLH	560
9	0	HLH	561	7/24/22	9	11	LLH	561	8/24/22	9	11	HLH	561
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13	0	HLH	565	7/24/22	13	11	LLH	565	8/24/22	13	11	HLH	565
14	0	HLH	566	7/24/22	14	11	LLH	566	8/24/22	14	11	HLH	566
15	0	HLH	567	7/24/22	15	11	LLH	567	8/24/22	15	11	HLH	567
16	0	HLH	568	7/24/22	16	11	LLH	568	8/24/22	16	11	HLH	568
17	0	HLH	569	7/24/22	17	11	LLH	569	8/24/22	17	11	HLH	569
18	0	HLH	570	7/24/22	18	11	LLH	570	8/24/22	18	11	HLH	570
19	0	HLH	571	7/24/22	19	11	LLH	571	8/24/22	19	11	HLH	571
20	0	HLH	572	7/24/22	20	11	LLH	572	8/24/22	20	11	HLH	572
21	0	HLH	573	7/24/22	21	11	LLH	573	8/24/22	21	11	HLH	573
22	0	HLH	574	7/24/22	22	11	LLH	574	8/24/22	22	11	HLH	574
23	0	LLH	575	7/24/22	23	11	LLH	575	8/24/22	23	11	LLH	575

24	0	LLH	576	7/24/22	24	11	LLH	576	8/24/22	24	11	LLH	576
1	0	LLH	577	7/25/22	1	11	LLH	577	8/25/22	1	11	LLH	577
2	0	LLH	578	7/25/22	2	11	LLH	578	8/25/22	2	11	LLH	578
3	0	LLH	579	7/25/22	3	11	LLH	579	8/25/22	3	11	LLH	579
4	0	LLH	580	7/25/22	4	11	LLH	580	8/25/22	4	11	LLH	580
5	0	LLH	581	7/25/22	5	11	LLH	581	8/25/22	5	11	LLH	581
6	0	LLH	582	7/25/22	6	11	LLH	582	8/25/22	6	11	LLH	582
7	0	HLH	583	7/25/22	7	11	HLH	583	8/25/22	7	11	HLH	583
8	0	HLH	584	7/25/22	8	11	HLH	584	8/25/22	8	11	HLH	584
9	0	HLH	585	7/25/22	9	11	HLH	585	8/25/22	9	11	HLH	585
10	0	HLH	586	7/25/22	10	11	HLH	586	8/25/22	10	11	HLH	586
11	0	HLH	587	7/25/22	11	11	HLH	587	8/25/22	11	11	HLH	587
12	0	HLH	588	7/25/22	12	11	HLH	588	8/25/22	12	11	HLH	588
13	0	HLH	589	7/25/22	13	11	HLH	589	8/25/22	13	11	HLH	589
14	0	HLH	590	7/25/22	14	11	HLH	590	8/25/22	14	11	HLH	590
15	0	HLH	591	7/25/22	15	11	HLH	591	8/25/22	15	11	HLH	591
16	0	HLH	592	7/25/22	16	11	HLH	592	8/25/22	16	11	HLH	592
17	0	HLH	593	7/25/22	17	11	HLH	593	8/25/22	17	11	HLH	593
18	0	HLH	594	7/25/22	18	11	HLH	594	8/25/22	18	11	HLH	594
19	0	HLH	595	7/25/22	19	11	HLH	595	8/25/22	19	11	HLH	595
20	0	HLH	596	7/25/22	20	11	HLH	596	8/25/22	20	11	HLH	596
21	0	HLH	597	7/25/22	21	11	HLH	597	8/25/22	21	11	HLH	597
22	0	HLH	598	7/25/22	22	11	HLH	598	8/25/22	22	11	HLH	598
23	0	LLH	599	7/25/22	23	11	LLH	599	8/25/22	23	11	LLH	599
24	0	LLH	600	7/25/22	24	11	LLH	600	8/25/22	24	11	LLH	600
1	0	LLH	601	7/26/22	1	11	LLH	601	8/26/22	1	11	LLH	601
2	0	LLH	602	7/26/22	2	11	LLH	602	8/26/22	2	11	LLH	602
3	0	LLH	603	7/26/22	3	11	LLH	603	8/26/22	3	11	LLH	603
4	0	LLH	604	7/26/22	4	11	LLH	604	8/26/22	4	11	LLH	604
5	0	LLH	605	7/26/22	5	11	LLH	605	8/26/22	5	11	LLH	605
6	0	LLH	606	7/26/22	6	11	LLH	606	8/26/22	6	11	LLH	606
7	0	LLH	607	7/26/22	7	11	HLH	607	8/26/22	7	11	HLH	607
8	0	LLH	608	7/26/22	8	11	HLH	608	8/26/22	8	11	HLH	608
9	0	LLH	609	7/26/22	9	11	HLH	609	8/26/22	9	11	HLH	609

10	0	LLH	610	7/26/22	10	11	HLH	610	8/26/22	10	11	HLH	610
11	0	LLH	611	7/26/22	11	11	HLH	611	8/26/22	11	11	HLH	611
12	0	LLH	612	7/26/22	12	11	HLH	612	8/26/22	12	11	HLH	612
13	0	LLH	613	7/26/22	13	11	HLH	613	8/26/22	13	11	HLH	613
14	0	LLH	614	7/26/22	14	11	HLH	614	8/26/22	14	11	HLH	614
15	0	LLH	615	7/26/22	15	11	HLH	615	8/26/22	15	11	HLH	615
16	0	LLH	616	7/26/22	16	11	HLH	616	8/26/22	16	11	HLH	616
17	0	LLH	617	7/26/22	17	11	HLH	617	8/26/22	17	11	HLH	617
18	0	LLH	618	7/26/22	18	11	HLH	618	8/26/22	18	11	HLH	618
19	0	LLH	619	7/26/22	19	11	HLH	619	8/26/22	19	11	HLH	619
20	0	LLH	620	7/26/22	20	11	HLH	620	8/26/22	20	11	HLH	620
21	0	LLH	621	7/26/22	21	11	HLH	621	8/26/22	21	11	HLH	621
22	0	LLH	622	7/26/22	22	11	HLH	622	8/26/22	22	11	HLH	622
23	0	LLH	623	7/26/22	23	11	LLH	623	8/26/22	23	11	LLH	623
24	0	LLH	624	7/26/22	24	11	LLH	624	8/26/22	24	11	LLH	624
1	0	LLH	625	7/27/22	1	11	LLH	625	8/27/22	1	11	LLH	625
2	0	LLH	626	7/27/22	2	11	LLH	626	8/27/22	2	11	LLH	626
3	0	LLH	627	7/27/22	3	11	LLH	627	8/27/22	3	11	LLH	627
4	0	LLH	628	7/27/22	4	11	LLH	628	8/27/22	4	11	LLH	628
5	0	LLH	629	7/27/22	5	11	LLH	629	8/27/22	5	11	LLH	629
6	0	LLH	630	7/27/22	6	11	LLH	630	8/27/22	6	11	LLH	630
7	0	HLH	631	7/27/22	7	11	HLH	631	8/27/22	7	11	HLH	631
8	0	HLH	632	7/27/22	8	11	HLH	632	8/27/22	8	11	HLH	632
9	0	HLH	633	7/27/22	9	11	HLH	633	8/27/22	9	11	HLH	633
10	0	HLH	634	7/27/22	10	11	HLH	634	8/27/22	10	11	HLH	634
11	0	HLH	635	7/27/22	11	11	HLH	635	8/27/22	11	11	HLH	635
12	0	HLH	636	7/27/22	12	11	HLH	636	8/27/22	12	11	HLH	636
13	0	HLH	637	7/27/22	13	11	HLH	637	8/27/22	13	11	HLH	637
14	0	HLH	638	7/27/22	14	11	HLH	638	8/27/22	14	11	HLH	638
15	0	HLH	639	7/27/22	15	11	HLH	639	8/27/22	15	11	HLH	639
16	0	HLH	640	7/27/22	16	11	HLH	640	8/27/22	16	11	HLH	640
17	0	HLH	641	7/27/22	17	11	HLH	641	8/27/22	17	11	HLH	641
18	0	HLH	642	7/27/22	18	11	HLH	642	8/27/22	18	11	HLH	642
19	0	HLH	643	7/27/22	19	11	HLH	643	8/27/22	19	11	HLH	643

20	0	HLH	644	7/27/22	20	11	HLH	644	8/27/22	20	11	HLH	644
21	0	HLH	645	7/27/22	21	11	HLH	645	8/27/22	21	11	HLH	645
22	0	HLH	646	7/27/22	22	11	HLH	646	8/27/22	22	11	HLH	646
23	0	LLH	647	7/27/22	23	11	LLH	647	8/27/22	23	11	LLH	647
24	0	LLH	648	7/27/22	24	11	LLH	648	8/27/22	24	11	LLH	648
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2	0	LLH	650	7/28/22	2	11	LLH	650	8/28/22	2	11	LLH	650
3	0	LLH	651	7/28/22	3	11	LLH	651	8/28/22	3	11	LLH	651
4	0	LLH	652	7/28/22	4	11	LLH	652	8/28/22	4	11	LLH	652
5	0	LLH	653	7/28/22	5	11	LLH	653	8/28/22	5	11	LLH	653
6	0	LLH	654	7/28/22	6	11	LLH	654	8/28/22	6	11	LLH	654
7	0	HLH	655	7/28/22	7	11	HLH	655	8/28/22	7	11	LLH	655
8	0	HLH	656	7/28/22	8	11	HLH	656	8/28/22	8	11	LLH	656
9	0	HLH	657	7/28/22	9	11	HLH	657	8/28/22	9	11	LLH	657
10	0	HLH	658	7/28/22	10	11	HLH	658	8/28/22	10	11	LLH	658
11	0	HLH	659	7/28/22	11	11	HLH	659	8/28/22	11	11	LLH	659
12	0	HLH	660	7/28/22	12	11	HLH	660	8/28/22	12	11	LLH	660
13	0	HLH	661	7/28/22	13	11	HLH	661	8/28/22	13	11	LLH	661
14	0	HLH	662	7/28/22	14	11	HLH	662	8/28/22	14	11	LLH	662
15	0	HLH	663	7/28/22	15	11	HLH	663	8/28/22	15	11	LLH	663
16	0	HLH	664	7/28/22	16	11	HLH	664	8/28/22	16	11	LLH	664
17	0	HLH	665	7/28/22	17	11	HLH	665	8/28/22	17	11	LLH	665
18	0	HLH	666	7/28/22	18	11	HLH	666	8/28/22	18	11	LLH	666
19	0	HLH	667	7/28/22	19	11	HLH	667	8/28/22	19	11	LLH	667
20	0	HLH	668	7/28/22	20	11	HLH	668	8/28/22	20	11	LLH	668
21	0	HLH	669	7/28/22	21	11	HLH	669	8/28/22	21	11	LLH	669
22	0	HLH	670	7/28/22	22	11	HLH	670	8/28/22	22	11	LLH	670
23	0	LLH	671	7/28/22	23	11	LLH	671	8/28/22	23	11	LLH	671
24	0	LLH	672	7/28/22	24	11	LLH	672	8/28/22	24	11	LLH	672
1	0	LLH	673	7/29/22	1	11	LLH	673	8/29/22	1	11	LLH	673
2	0	LLH	674	7/29/22	2	11	LLH	674	8/29/22	2	11	LLH	674
3	0	LLH	675	7/29/22	3	11	LLH	675	8/29/22	3	11	LLH	675
4	0	LLH	676	7/29/22	4	11	LLH	676	8/29/22	4	11	LLH	676
5	0	LLH	677	7/29/22	5	11	LLH	677	8/29/22	5	11	LLH	677

6	0	LLH	678	7/29/22	6	11	LLH	678	8/29/22	6	11	LLH	678
7	0	HLH	679	7/29/22	7	11	HLH	679	8/29/22	7	11	HLH	679
8	0	HLH	680	7/29/22	8	11	HLH	680	8/29/22	8	11	HLH	680
9	0	HLH	681	7/29/22	9	11	HLH	681	8/29/22	9	11	HLH	681
10	0	HLH	682	7/29/22	10	11	HLH	682	8/29/22	10	11	HLH	682
11	0	HLH	683	7/29/22	11	11	HLH	683	8/29/22	11	11	HLH	683
12	0	HLH	684	7/29/22	12	11	HLH	684	8/29/22	12	11	HLH	684
13	0	HLH	685	7/29/22	13	11	HLH	685	8/29/22	13	11	HLH	685
14	0	HLH	686	7/29/22	14	11	HLH	686	8/29/22	14	11	HLH	686
15	0	HLH	687	7/29/22	15	11	HLH	687	8/29/22	15	11	HLH	687
16	0	HLH	688	7/29/22	16	11	HLH	688	8/29/22	16	11	HLH	688
17	0	HLH	689	7/29/22	17	11	HLH	689	8/29/22	17	11	HLH	689
18	0	HLH	690	7/29/22	18	11	HLH	690	8/29/22	18	11	HLH	690
19	0	HLH	691	7/29/22	19	11	HLH	691	8/29/22	19	11	HLH	691
20	0	HLH	692	7/29/22	20	11	HLH	692	8/29/22	20	11	HLH	692
21	0	HLH	693	7/29/22	21	11	HLH	693	8/29/22	21	11	HLH	693
22	0	HLH	694	7/29/22	22	11	HLH	694	8/29/22	22	11	HLH	694
23	0	LLH	695	7/29/22	23	11	LLH	695	8/29/22	23	11	LLH	695
24	0	LLH	696	7/29/22	24	11	LLH	696	8/29/22	24	11	LLH	696
1	0	LLH	697	7/30/22	1	11	LLH	697	8/30/22	1	11	LLH	697
2	0	LLH	698	7/30/22	2	11	LLH	698	8/30/22	2	11	LLH	698
3	0	LLH	699	7/30/22	3	11	LLH	699	8/30/22	3	11	LLH	699
4	0	LLH	700	7/30/22	4	11	LLH	700	8/30/22	4	11	LLH	700
5	0	LLH	701	7/30/22	5	11	LLH	701	8/30/22	5	11	LLH	701
6	0	LLH	702	7/30/22	6	11	LLH	702	8/30/22	6	11	LLH	702
7	0	HLH	703	7/30/22	7	11	HLH	703	8/30/22	7	11	HLH	703
8	0	HLH	704	7/30/22	8	11	HLH	704	8/30/22	8	11	HLH	704
9	0	HLH	705	7/30/22	9	11	HLH	705	8/30/22	9	11	HLH	705
10	0	HLH	706	7/30/22	10	11	HLH	706	8/30/22	10	11	HLH	706
11	0	HLH	707	7/30/22	11	11	HLH	707	8/30/22	11	11	HLH	707
12	0	HLH	708	7/30/22	12	11	HLH	708	8/30/22	12	11	HLH	708
13	0	HLH	709	7/30/22	13	11	HLH	709	8/30/22	13	11	HLH	709
14	0	HLH	710	7/30/22	14	11	HLH	710	8/30/22	14	11	HLH	710
15	0	HLH	711	7/30/22	15	11	HLH	711	8/30/22	15	11	HLH	711

16	0	HLH	712	7/30/22	16	11	HLH	712	8/30/22	16	11	HLH	712
17	0	HLH	713	7/30/22	17	11	HLH	713	8/30/22	17	11	HLH	713
18	0	HLH	714	7/30/22	18	11	HLH	714	8/30/22	18	11	HLH	714
19	0	HLH	715	7/30/22	19	11	HLH	715	8/30/22	19	11	HLH	715
20	0	HLH	716	7/30/22	20	11	HLH	716	8/30/22	20	11	HLH	716
21	0	HLH	717	7/30/22	21	11	HLH	717	8/30/22	21	11	HLH	717
22	0	HLH	718	7/30/22	22	11	HLH	718	8/30/22	22	11	HLH	718
23	0	LLH	719	7/30/22	23	11	LLH	719	8/30/22	23	11	LLH	719
24	0	LLH	720	7/30/22	24	11	LLH	720	8/30/22	24	11	LLH	720
			721	7/31/22	1	11	LLH	721	8/31/22	1	11	LLH	
			722	7/31/22	2	11	LLH	722	8/31/22	2	11	LLH	
			723	7/31/22	3	11	LLH	723	8/31/22	3	11	LLH	
			724	7/31/22	4	11	LLH	724	8/31/22	4	11	LLH	
			725	7/31/22	5	11	LLH	725	8/31/22	5	11	LLH	
			726	7/31/22	6	11	LLH	726	8/31/22	6	11	LLH	
			727	7/31/22	7	11	LLH	727	8/31/22	7	11	HLH	
			728	7/31/22	8	11	LLH	728	8/31/22	8	11	HLH	
			729	7/31/22	9	11	LLH	729	8/31/22	9	11	HLH	
			730	7/31/22	10	11	LLH	730	8/31/22	10	11	HLH	
			731	7/31/22	11	11	LLH	731	8/31/22	11	11	HLH	
			732	7/31/22	12	11	LLH	732	8/31/22	12	11	HLH	
			733	7/31/22	13	11	LLH	733	8/31/22	13	11	HLH	
			734	7/31/22	14	11	LLH	734	8/31/22	14	11	HLH	
			735	7/31/22	15	11	LLH	735	8/31/22	15	11	HLH	
			736	7/31/22	16	11	LLH	736	8/31/22	16	11	HLH	
			737	7/31/22	17	11	LLH	737	8/31/22	17	11	HLH	
			738	7/31/22	18	11	LLH	738	8/31/22	18	11	HLH	
			739	7/31/22	19	11	LLH	739	8/31/22	19	11	HLH	
			740	7/31/22	20	11	LLH	740	8/31/22	20	11	HLH	
			741	7/31/22	21	11	LLH	741	8/31/22	21	11	HLH	
			742	7/31/22	22	11	LLH	742	8/31/22	22	11	HLH	
			743	7/31/22	23	11	LLH	743	8/31/22	23	11	LLH	
			744	7/31/22	24	11	LLH	744	8/31/22	24	11	LLH	

September			
Date	Hour Ending	MW	HLH/LLH
9/1/22	1	22	LLH
9/1/22	2	22	LLH
9/1/22	3	22	LLH
9/1/22	4	22	LLH
9/1/22	5	22	LLH
9/1/22	6	22	LLH
9/1/22	7	22	HLH
9/1/22	8	22	HLH
9/1/22	9	22	HLH
9/1/22	10	22	HLH
9/1/22	11	22	HLH
9/1/22	12	22	HLH
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9/1/22	14	22	HLH
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9/14/22	6	22	LLH
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9/14/22	10	22	HLH
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9/14/22	18	22	HLH
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9/15/22	1	22	LLH

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Department of Energy

Bonneville Power Administration
PO Box 640
Ronan, MT 59864

POWER SERVICES

September 14, 2021

In reply refer to: PSE-Ronan

Mr. F. Colin Willenbrock
General Manager
Pend Oreille County PUD No. 1
PO Box 190
Newport, WA, 99156-0190

Dear Mr. Willenbrock:

Enclosed are revisions and redline versions to Exhibits A and C of Pend Oreille County PUD No. 1's (Pend Oreille) Regional Dialogue Power Sales Agreement, Contract No. 09PB-13090 (Agreement). Revisions to Exhibits A and C are required by the Agreement to establish Pend Oreille's Net Requirements and Tier 1 Block Amounts for Fiscal Year (FY) 2022.

Exhibit A, Revision No. 19, updates sections: (1) sections 1.1 and 1.2 to add the forecast of Total Retail Load and Net Requirements; (2) sections 2.1(1)(C) Box Canyon Dam and 2.1(5)(C) Boundary Dam and sections 4(1)(C) Box Canyon Dam and 4(2)(C) Boundary Dam to revise the Dedicated Resource Amounts to serve the NLSL; (3) section 4(3)(C) to add Unspecified Resource Amounts Used to Serve an NLSL; and (5) section 5 to revise the Total Dedicated Resource Amounts.

Exhibit C, Revision No. 20, updates sections 1.1 and 1.3 to add the Annual and Monthly Tier 1 Block Amounts for FY 2022.

These revisions do not require your signature and the enclosed original revisions to Exhibits A and C are for your files.

Please feel free to contact me at (406) 676-2669 or email me at mrnormandeau@bpa.gov if you have any questions.

Sincerely,

MICHAEL NORMANDEAU
Digitally signed by MICHAEL NORMANDEAU
Date: 2021.09.22 14:31:17 -05'00'

Michael R. Normandeau
Account Executive

Enclosures (4)

cc: April Owen, Pend Oreille
Diana Jackson, Pend Oreille

Revision No. 19, Exhibit A
NET REQUIREMENTS AND RESOURCES
Effective October 1, 2021

This revision updates the following for FY 2022: (1) sections 1.1 and 1.2 to add the forecast of Total Retail Load and Net Requirements; (2) sections 2.1(1)(C) Box Canyon Dam and 2.1(5)(C) Boundary Dam and sections 4(1)(C) Box Canyon Dam and 4(2)(C) Boundary Dam to revise the Dedicated Resource Amounts to serve the NLSL; (3) section 4(3)(C) to add Unspecified Resource Amounts Used to Serve an NLSL; and (5) section 5 to revise the Total Dedicated Resource Amounts.

1. NET REQUIREMENTS

Pend Oreille's Net Requirement equals its Total Retail Load minus Pend Oreille's Dedicated Resources determined pursuant to section 3.3 of the body of this Agreement and listed in sections 2, 3, and 4 of this exhibit. The Parties shall not add or remove resource amounts to change Pend Oreille's purchase obligations from BPA under section 3.1 of the body of this Agreement except in accordance with sections 3.5 and 10 of the body of this Agreement.

BPA shall annually calculate a forecast of Pend Oreille's Net Requirement for the upcoming Fiscal Year as follows:

1.1 Forecast of Total Retail Load

By September 15, 2011, and by each September 15 thereafter, BPA shall fill in the table below with Pend Oreille's Total Retail Load forecast (submitted pursuant to section 17.6 of the body of this Agreement) for the upcoming Fiscal Year. BPA shall notify Pend Oreille by July 31 immediately preceding the start of the Fiscal Year if BPA determines Pend Oreille's submitted forecast is reasonable or not reasonable. If BPA determines Pend Oreille's submitted forecast is not reasonable, then BPA shall fill in the table below with a forecast BPA determines to be reasonable by September 15 immediately preceding the start of the Fiscal Year.

Pend Oreille may submit to arbitration, which may be binding arbitration under a separate agreement or nonbinding arbitration as agreed to by the Parties, pursuant to section 22 of the body of the Agreement, the issue of the reasonableness of BPA's forecast of Pend Oreille's Total Retail Load used by BPA to fill in the table below. Such arbitration shall not include issues of the interpretation or application of BPA's policies with respect to such forecast, including without limitation BPA's 5(b)/9(c) Policy.

Annual Forecast of Monthly Total Retail Load													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Energy (MWh)	78,924	81,725	88,529	93,052	91,969	92,451	87,869	86,646	80,784	79,764	77,599	74,988	115.471
Peak (MW)	131.6	141.6	148.5	159.3	169.4	158.4	157.7	151.7	139.5	128.6	124.7	130.0	N/A

Annual Forecast of Monthly Total Retail Load													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2013													
Energy (MWh)	83,651	88,648	95,569	95,245	85,494	88,918	80,683	82,205	78,946	79,725	80,117	74,427	115.711
Peak (MW)	137.3	152.0	157.4	164.7	155.0	146.1	139.3	138.5	129.3	127.9	127.3	132.5	N/A
Fiscal Year 2014													
Energy (MWh)	85,024	90,369	98,143	97,417	84,978	88,756	80,781	80,934	77,527	78,932	79,047	73,622	115.928
Peak (MW)	132.4	146.4	152.5	158.8	145.0	138.2	131.9	129.3	120.2	123.1	118.2	123.1	N/A
Fiscal Year 2015													
Energy (MWh)	77,772	83,247	90,828	98,101	85,846	90,103	82,519	83,145	80,064	81,540	81,657	75,188	115.298
Peak (MW)	132.1	146.2	152.3	158.8	145.4	139.2	133.5	131.6	123.3	122.0	121.2	126.2	N/A
Fiscal Year 2016													
Energy (MWh)	63,991	69,910	77,036	76,360	68,100	67,758	60,464	59,915	57,164	73,290	70,727	66,394	92.339
Peak (MW)	136.3	149.6	155.8	162.7	148.9	142.0	135.6	133.1	124.0	122.7	122.0	127.0	N/A
Fiscal Year 2017													
Energy (MWh)	62,569	66,421	74,811	74,517	65,730	67,518	61,396	58,282	54,311	56,497	55,926	55,381	86.000
Peak (MW)	110.5	116.9	134.4	137.8	123.4	119.1	112.5	116.5	93.3	88.9	89.0	95.2	N/A
Fiscal Year 2018													
Energy (MWh)	81,737	87,616	96,272	94,088	83,001	85,904	77,395	78,959	73,636	76,487	75,614	72,870	112.281
Peak (MW)	138.4	153.1	161.5	165.9	152.1	145.6	139.8	136.6	124.8	125.5	120.9	128.6	N/A
Fiscal Year 2019													
Energy (MWh)	81,902	87,782	96,438	94,253	83,167	86,070	77,561	79,125	73,802	76,652	75,779	73,036	112.508
Peak (MW)	138.7	153.4	161.8	166.2	152.4	145.9	140.1	136.9	125.1	125.7	121.2	128.9	N/A
Fiscal Year 2020													
Energy (MWh)	82,068	87,948	96,604	90,310	82,213	82,151	73,891	75,114	70,019	72,696	71,866	69,335	108.631
Peak (MW)	139.0	153.7	162.0	160.1	146.3	139.7	134.0	130.7	119.0	119.6	115.1	122.8	N/A
Fiscal Year 2021													
Energy (MWh)	22,007	30,027	36,974	35,644	29,445	27,814	23,006	19,305	17,393	17,891	17,605	17,936	33.681
Peak (MW)	47.2	64.3	71.6	74.7	65.0	58.1	50.1	46.3	33.9	36.1	31.0	38.1	N/A
Fiscal Year 2022													
Energy (MWh)	40,760	113,149	122,756	140,014	123,740	132,011	141,981	142,256	136,461	159,404	159,143	154,918	178.835
Peak (MW)	74.9	210.7	218.1	248.3	238.6	231.7	250.9	247.0	234.5	264.1	258.9	266.0	N/A
Fiscal Year 2023													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2024													
Energy (MWh)													
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Energy (MWh)													
Peak (MW)													
Fiscal Year 2027													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2028													
Energy (MWh)													
Peak (MW)													

Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.

1.2 **Forecast of Net Requirements**

By September 15, 2011, and by each September 15 thereafter, BPA shall calculate, and fill in the table below with, Pend Oreille's Net Requirement forecast for the upcoming Fiscal Year by month. Pend Oreille's Net Requirement forecast equals Pend Oreille's Total Retail Load forecast, shown in section 1.1 above, minus Pend Oreille's Dedicated Resource amounts, shown in section 5 below. In no event shall Pend Oreille's planned Firm Requirements Power purchased for a Fiscal Year under this Agreement exceed Pend Oreille's Net Requirement forecast for the Fiscal Year.

On a planning basis Pend Oreille shall serve that portion of its Total Retail Load that is not served with Firm Requirements Power with Pend Oreille's Dedicated Resources.

Annual Forecast of Monthly Net Requirements													
	Oct	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**annual aMW**
Fiscal Year 2012													
Energy (MWh)	6,704	29,510	24,293	39,688	45,389	43,277	13,727	1,661	1,926	13,120	12,186	18,686	28.479
Peak (MW)													
Fiscal Year 2013													
Energy (MWh)	10,203	35,243	30,116	41,696	40,353	39,559	6,362	-2,965	-91	14,124	15,747	19,135	28.480
Peak (MW)													
Fiscal Year 2014													
Energy (MWh)	12,186	37,556	33,289	43,435	39,446	38,965	6,041	-4,669	-1,929	12,898	14,244	17,911	28.467
Peak (MW)													
Fiscal Year 2015													
Energy (MWh)	2,628	28,199	23,668	42,608	38,949	38,803	6,317	-2,458	608	13,995	15,343	18,015	25.876
Peak (MW)													
Fiscal Year 2016													
Energy (MWh)	-8,847	17,097	12,182	22,378	20,942	17,967	-14,276	-25,688	-22,292	7,256	5,924	10,683	4.932
Peak (MW)													
Fiscal Year 2017													
Energy (MWh)	-5,780	15,888	13,584	22,943	22,000	19,647	-8,344	-21,201	-19,586	-5,717	-5,268	2,240	3.471
Peak (MW)													
Fiscal Year 2018													
Energy (MWh)	8,822	34,729	31,341	40,106	37,469	36,113	2,655	-6,644	-5,820	10,453	10,811	17,159	24.794
Peak (MW)													
Fiscal Year 2019													
Energy (MWh)	9,064	34,969	31,584	40,271	37,635	36,279	2,821	-6,478	-5,654	10,618	10,976	17,325	25.047
Peak (MW)													
Fiscal Year 2020													
Energy (MWh)	9,230	35,135	31,750	36,328	35,055	32,360	-849	-10,489	-9,437	6,662	7,063	13,624	21.224
Peak (MW)													
Fiscal Year 2021													
Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Peak (MW)													
Fiscal Year 2022													
Energy (MWh)	-32,078	27,329	33,602	32,781	27,086	25,145	19,379	14,934	13,679	14,376	14,306	15,072	23.471
Peak (MW)													
Fiscal Year 2023													
Energy (MWh)													
Peak (MW)													

Annual Forecast of Monthly Net Requirements													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2024													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2025													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2026													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2027													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2028													
Energy (MWh)													
Peak (MW)													

Note: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.

2. LIST OF SPECIFIED RESOURCES

2.1 Generating Resources

All of Pend Oreille's Generating Resources that are Specified Resources are listed below.

(1) Box Canyon Dam

(A) Special Provisions

See the special provisions in section 4 of this exhibit for Box Canyon Dam and Boundary Dam regarding annual updates to the Dedicated Resource amounts for Net Requirements purposes.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1956	N/A	61.89%	77.2

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	23,942	4,584	18,376	5,934	2,965	6,521	26,692	34,916	29,465	15,790	13,806	9,449	21.908
HLH (MWh)	15,399	2,100	11,479	3,885	2,316	3,975	17,533	22,754	19,937	10,472	9,445	5,043	25.313
LLH (MWh)	8,543	2,484	6,897	2,049	649	2546	9,159	12,162	9,528	5,318	4,361	4,406	17.588
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	21,928	3,306	14,430	3,948	427	729	26,701	33,422	28,381	15,024	13,460	9,278	19.524
HLH (MWh)	14,618	2,296	9,250	2,679	322	532	17,838	23,231	18,228	10,063	9,367	5,983	23.291
LLH (MWh)	7,310	1,010	5,180	1,269	105	197	8,863	10,191	10,153	4,961	4,093	3,295	14.715
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	21,177	2,564	13,684	3,640	147	432	26,422	33,103	28,056	14,710	13,137	9,013	18.959
HLH (MWh)	14,118	1,781	8,772	2,427	98	288	17,614	22,952	17,984	9,807	8,758	6,009	22.518
LLH (MWh)	7,059	783	4,912	1,213	49	144	8,808	10,151	10,072	4,903	4,379	3,004	14.417
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	21,177	2,564	13,684	3,640	147	432	26,422	33,103	28,056	14,710	13,137	9,013	18.959
HLH (MWh)	14,118	1,709	9,123	2,427	98	288	17,614	22,069	18,704	9,807	8,758	6,009	22.542
LLH (MWh)	7,059	855	4,561	1,213	49	144	8,808	11,034	9,352	4,903	4,379	3,004	14.387
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	39,517	20,989	32,096	22,790	17,540	16,643	42,428	52,479	46,468	20,113	23,488	11,232	39.365
HLH (MWh)	26,344	13,993	21,398	14,609	11,762	11,521	28,285	34,986	30,978	12,894	16,261	7,488	46.777
LLH (MWh)	13,173	6,996	10,698	8,181	5,778	5,122	14,143	17,493	15,490	7,219	7,227	3,744	29.892
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	31,945	16,228	25,813	17,137	12,827	13,661	35,586	43,557	39,563	27,182	25,682	18,288	35.099
HLH (MWh)	20,507	11,270	17,209	10,985	8,552	9,457	22,811	30,200	26,375	17,425	17,780	12,192	41.686
LLH (MWh)	11,438	4,958	8,604	6,152	4,275	4,204	12,775	13,357	13,188	9,757	7,902	6,096	26.691
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	25,015	7,366	17,732	8,272	3,666	4,272	30,903	37,036	34,131	19,090	18,542	11,957	24.884
HLH (MWh)	16,058	5,116	11,367	5,514	2,444	2,958	19,809	25,678	22,753	12,237	12,836	7,652	29.498
LLH (MWh)	8,957	2,250	6,365	2,758	1,222	1,314	11,094	11,358	11,378	6,853	5,706	4,305	19.037
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	21,882	5,689	14,600	6,613	4,093	3,994	27,872	33,904	31,099	15,957	15,410	8,926	21.694
HLH (MWh)	16,139	5,689	11,130	6,613	4,093	3,994	21,148	27,781	23,379	13,638	11,072	5,596	30.593
LLH (MWh)	5,743	0	3,470	0	0	0	6,724	6,123	7,720	2,319	4,338	3,330	10.334
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	25,015	7,366	17,732	9,655	5,115	5,657	32,204	38,460	35,472	20,492	19,930	13,279	26.227
HLH (MWh)	16,301	4,731	11,020	6,258	3,376	3,658	21,348	24,829	23,522	13,352	12,835	8,347	30.352
LLH (MWh)	8,714	2,635	6,712	3,397	1,739	1,999	10,856	13,631	11,950	7,140	7,095	4,932	20.954
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2021													
Total (MWh)	17,117	8,695	13,831	9,182	6,873	7,320	19,068	23,339	21,199	14,565	13,761	9,799	18.807
HLH (MWh)	11,411	5,797	9,221	5,886	4,582	5,067	12,712	15,559	14,133	9,710	9,174	6,533	22.350
LLH (MWh)	5,706	2,898	4,610	3,296	2,291	2,253	6,356	7,780	7,066	4,855	4,587	3,266	14.284
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	36,434	0	0	0	0	0	0	0	0	0	0	0	4.159
HLH (MWh)	23,389	0	0	0	0	0	0	0	0	0	0	0	4.762
LLH (MWh)	13,045	0	0	0	0	0	0	0	0	0	0	0	3.390
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	26,344	8,536	18,509	8,158	4,344	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.288
HLH (MWh)	16,742	4,293	11,553	5,081	3,070	2,622	19,130	24,641	22,616	12,528	12,214	6,277	28.658
LLH (MWh)	9,602	4,243	6,956	3,077	1,274	1,572	10,436	13,649	11,486	7,087	6,361	5,016	20.987
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	26,344	8,536	18,509	8,158	4,499	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.237
HLH (MWh)	16,742	4,293	11,109	5,284	3,198	2,525	19,895	24,641	21,746	13,029	12,214	6,026	28.645
LLH (MWh)	9,602	4,243	7,400	2,874	1,301	1,669	9,671	13,649	12,356	6,586	6,361	5,267	20.914
Peak (MW)													
Fiscal Year 2025													
Total (MWh)	26,344	8,536	18,509	8,158	4,344	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.288
HLH (MWh)	17,386	4,293	11,109	5,284	3,070	2,525	19,895	24,641	21,746	13,029	11,762	6,277	28.709
LLH (MWh)	8,958	4,243	7,400	2,874	1,274	1,669	9,671	13,649	12,356	6,586	6,813	5,016	20.922
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	26,344	8,536	18,509	8,158	4,344	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.288
HLH (MWh)	17,386	4,121	11,553	5,284	3,070	2,525	19,895	23,693	22,616	13,029	11,762	6,277	28.748
LLH (MWh)	8,958	4,415	6,956	2,874	1,274	1,669	9,671	14,597	11,486	6,586	6,813	5,016	20.872
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	26,344	8,536	18,509	8,158	4,344	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.288
HLH (MWh)	17,386	4,121	11,553	5,081	3,070	2,622	19,895	23,693	22,616	13,029	11,762	6,277	28.727
LLH (MWh)	8,958	4,415	6,956	3,077	1,274	1,572	9,671	14,597	11,486	6,586	6,813	5,016	20.899
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	26,344	8,536	18,509	8,158	4,499	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.237
HLH (MWh)	16,742	4,293	11,553	5,081	3,198	2,622	19,130	24,641	22,616	12,528	12,214	6,277	28.591
LLH (MWh)	9,602	4,243	6,956	3,077	1,301	1,572	10,436	13,649	11,486	7,087	6,361	5,016	20.951
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(2) Boundary Encroachment on Box Canyon Dam

(A) Special Provisions

None.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
N/A	1979	N/A	100%	N/A

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X					X		X		
Note: Fill in the table above with "X"s.											

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,664	1,200	1,539	1,200	1,080	1,123	1,620	2,038	1,789	1,520	1,574	1,229	3.578
LLH (MWh)	1,312	963	1,214	1,032	799	809	1,296	1,608	1,307	1,307	1,136	1,075	3.579
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,200	1,480	1,248	1,037	1,082	1,685	2,038	1,720	1,581	1,574	1,229	3.583
LLH (MWh)	1,248	963	1,273	984	777	850	1,231	1,608	1,376	1,246	1,136	1,075	3.578
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,200	1,480	1,248	1,037	1,082	1,685	2,038	1,720	1,581	1,515	1,280	3.582
LLH (MWh)	1,248	963	1,273	984	777	850	1,231	1,608	1,376	1,246	1,195	1,024	3.580
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,152	1,539	1,248	1,037	1,082	1,685	1,960	1,789	1,581	1,515	1,280	3.582
LLH (MWh)	1,248	1,011	1,214	984	777	850	1,231	1,686	1,307	1,246	1,195	1,024	3.579
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,728	1,152	1,539	1,200	1,080	1,123	1,685	1,960	1,789	1,520	1,574	1,280	3.578
LLH (MWh)	1,248	1,011	1,214	1,032	799	809	1,231	1,686	1,307	1,307	1,136	1,024	3.580
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,664	1,200	1,539	1,200	1,037	1,123	1,620	2,038	1,789	1,520	1,574	1,280	3.580
LLH (MWh)	1,312	963	1,214	1,032	777	809	1,296	1,608	1,307	1,307	1,136	1,024	3.582
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2018													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,664	1,200	1,480	1,248	1,037	1,123	1,620	2,038	1,789	1,520	1,574	1,229	3.579
LLH (MWh)	1,312	963	1,273	984	777	809	1,296	1,608	1,307	1,307	1,136	1,075	3.584
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,200	1,480	1,248	1,037	1,082	1,685	2,038	1,720	1,581	1,574	1,229	3.583
LLH (MWh)	1,248	963	1,273	984	777	850	1,231	1,608	1,376	1,246	1,136	1,075	3.578
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,728	1,200	1,480	1,248	1,080	1,082	1,685	1,960	1,789	1,581	1,515	1,280	3.577
LLH (MWh)	1,248	963	1,273	984	799	850	1,231	1,686	1,307	1,246	1,195	1,024	3.580
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,152	1,539	1,200	1,037	1,123	1,685	1,960	1,789	1,581	1,515	1,280	3.581
LLH (MWh)	1,248	1,011	1,214	1,032	777	809	1,231	1,686	1,307	1,246	1,195	1,024	3.581
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,664	1,200	1,539	1,200	1,037	1,123	1,685	1,960	1,789	1,520	1,574	1,280	3.577
LLH (MWh)	1,312	963	1,214	1,032	777	809	1,231	1,686	1,307	1,307	1,136	1,024	3.586
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,664	1,200	1,539	1,200	1,037	1,123	1,620	2,038	1,789	1,520	1,574	1,280	3.580
LLH (MWh)	1,312	963	1,214	1,032	777	809	1,296	1,608	1,307	1,307	1,136	1,024	3.582
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,664	1,200	1,480	1,248	1,080	1,082	1,685	2,038	1,720	1,581	1,574	1,229	3.579
LLH (MWh)	1,312	963	1,273	984	799	850	1,231	1,608	1,376	1,246	1,136	1,075	3.578
Peak (MW)													
Fiscal Year 2025													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,200	1,480	1,248	1,037	1,082	1,685	2,038	1,720	1,581	1,515	1,280	3.582
LLH (MWh)	1,248	963	1,273	984	777	850	1,231	1,608	1,376	1,246	1,195	1,024	3.580
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,152	1,539	1,248	1,037	1,082	1,685	1,960	1,789	1,581	1,515	1,280	3.582
LLH (MWh)	1,248	1,011	1,214	984	777	850	1,231	1,686	1,307	1,246	1,195	1,024	3.579
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,152	1,539	1,200	1,037	1,123	1,685	1,960	1,789	1,581	1,515	1,280	3.581
LLH (MWh)	1,248	1,011	1,214	1,032	777	809	1,231	1,686	1,307	1,246	1,195	1,024	3.581
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2028													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,664	1,200	1,539	1,200	1,080	1,123	1,620	2,038	1,789	1,520	1,574	1,280	3.577
LLH (MWh)	1,312	963	1,214	1,032	799	809	1,296	1,608	1,307	1,307	1,136	1,024	3.581
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(3) Calispell Creek

(A) Special Provisions

None.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1976	N/A	100%	1.0

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X					X		N		
Note: Fill in the table above with "X"s.											

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	120	173	160	166	166	120	86	77	0.300
LLH (MWh)	66	64	98	103	89	124	128	132	122	103	63	67	0.299
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	115	166	166	166	160	125	86	77	0.300
LLH (MWh)	63	64	103	98	87	131	122	132	128	98	63	67	0.300
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	115	166	166	166	160	125	83	80	0.300
LLH (MWh)	63	64	103	98	87	131	122	132	128	98	66	64	0.300
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2015													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	125	115	166	166	160	166	125	83	80	0.300
LLH (MWh)	63	67	98	98	87	131	122	138	122	98	66	64	0.300
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	120	120	173	166	160	166	120	86	80	0.300
LLH (MWh)	63	67	98	103	89	124	122	138	122	103	63	64	0.300
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	115	173	160	166	166	120	86	80	0.300
LLH (MWh)	66	64	98	103	87	124	128	132	122	103	63	64	0.300
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	120	125	115	173	160	166	166	120	86	77	0.300
LLH (MWh)	66	64	103	98	87	124	128	132	122	103	63	67	0.299
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	115	166	166	166	160	125	86	77	0.300
LLH (MWh)	62	64	103	98	86	131	122	131	128	98	62	67	0.299
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	120	166	166	160	166	125	83	80	0.300
LLH (MWh)	63	64	103	98	89	131	122	138	122	98	66	64	0.300
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	120	115	173	166	160	166	125	83	80	0.300
LLH (MWh)	63	67	98	103	87	124	122	138	122	98	66	64	0.299
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	115	173	166	160	166	120	86	80	0.300
LLH (MWh)	66	64	98	103	87	124	122	138	122	103	63	64	0.300
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	115	173	160	166	166	120	86	80	0.300
LLH (MWh)	66	64	98	103	87	124	128	132	122	103	63	64	0.300
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	120	125	120	166	166	166	160	125	86	77	0.300
LLH (MWh)	66	64	103	98	89	131	122	132	128	98	63	67	0.300
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2025													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	115	166	166	166	160	125	83	80	0.300
LLH (MWh)	63	64	103	98	87	131	122	132	128	98	66	64	0.300
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	125	115	166	166	160	166	125	83	80	0.300
LLH (MWh)	63	67	98	98	87	131	122	138	122	98	66	64	0.300
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	120	115	173	166	160	166	125	83	80	0.300
LLH (MWh)	63	67	98	103	87	124	122	138	122	98	66	64	0.299
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	120	173	160	166	166	120	86	80	0.300
LLH (MWh)	66	64	98	103	89	124	128	132	122	103	63	64	0.300
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(4) **Kalispel Settlement for Box Canyon**

(A) **Special Provisions**

See Special Provision in section 6(1)(A). For Fiscal Year 2012 through Fiscal Year 2018 when the Kalispel Tribe of Indians (Kalispel Tribe) elected Option 3 to sell its 0.83 aMW share of Box Canyon Dam to Pend Oreille for the upcoming calendar year, BPA removed the amounts listed in section 6(1)(C) of this exhibit, for the applicable period, and listed them in section 2.1(4)(C) below.

For Fiscal Year 2019 through Fiscal Year 2028, for ease of contract administration, BPA will show the Kalispel Tribe's 0.83 aMW amount of Box Canyon Dam in section 2.1(4)(C) as if the Kalispel Tribe's default election is Option 3, to sell its share to Pend Oreille. If the Kalispel Tribe elects Option 1 or Option 2 then BPA shall revise section 2.1(4)(C) and section 6(1)(C) for the applicable period.

BPA shall update Pend Oreille's Annual Net Requirements as described in section 1.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1956	N/A	Calendar Year 2.03% when applied to load	77.2

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	0	0	0	0	0	0	0	0	0	1228	1228	1189	0.415
HLH (MWh)	0	0	0	0	0	0	0	0	0	660	713	634	0.409
LLH (MWh)	0	0	0	0	0	0	0	0	0	568	515	555	0.423
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	1,228	1,190	1,217	618	558	617	598	618	598	618	618	598	1.036
HLH (MWh)	713	660	660	345	319	345	345	345	332	345	359	319	1.036
LLH (MWh)	515	530	557	272	239	271	252	272	266	272	259	279	1.035
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	332	332	345	319	345	345	345	332	345	345	332	0.830
LLH (MWh)	259	266	286	272	239	271	252	272	266	272	272	266	0.830
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	345	319	345	345	332	345	345	345	332	0.830
LLH (MWh)	259	280	272	272	239	271	252	286	252	272	272	266	0.830
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	618	598	618	618	578	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	332	332	359	345	332	345	332	359	332	0.830
LLH (MWh)	259	280	272	286	246	258	252	286	252	286	259	266	0.830
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	345	345	319	345	345	332	345	345	345	332	0.830
LLH (MWh)	272	266	272	273	239	272	253	286	253	273	273	266	0.831
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	346	332	332	345	319	359	332	345	345	332	359	319	0.830
LLH (MWh)	272	266	286	272	239	258	266	272	252	286	259	279	0.830
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2019													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	332	332	345	319	345	345	345	332	345	359	319	0.830
LLH (MWh)	259	266	286	273	239	272	253	273	266	273	259	279	0.831
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	618	598	618	618	578	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	332	332	345	332	345	345	332	345	345	345	332	0.830
LLH (MWh)	259	266	286	273	246	272	253	286	253	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2021													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	332	319	359	345	332	345	345	345	332	0.830
LLH (MWh)	259	279	273	286	239	258	253	286	253	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2022													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	345	332	319	359	345	332	345	332	359	332	0.830
LLH (MWh)	273	266	273	286	239	258	253	286	253	286	259	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2023													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	345	332	319	359	332	345	345	332	359	332	0.830
LLH (MWh)	273	266	273	286	239	258	266	273	253	286	259	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2024													
Total (MWh)	618	598	618	618	578	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	332	345	332	345	345	345	332	345	359	319	0.830
LLH (MWh)	273	266	286	273	246	272	253	273	266	273	259	279	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2025													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	332	332	345	319	345	345	345	332	345	345	332	0.830
LLH (MWh)	259	266	286	273	239	272	253	273	266	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2026													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	345	319	345	345	332	345	345	345	332	0.830
LLH (MWh)	259	279	273	273	239	272	253	286	253	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2027													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	332	319	359	345	332	345	345	345	332	0.830
LLH (MWh)	259	279	273	286	239	258	253	286	253	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2028													
Total (MWh)	618	598	618	618	578	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	345	332	332	359	332	345	345	332	359	332	0.830
LLH (MWh)	273	266	273	286	246	258	266	273	253	286	259	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(5) Boundary Dam

(A) Special Provisions

See the special provisions in section 4 of this exhibit for Box Canyon Dam and Boundary Dam regarding annual updates to the Dedicated Resource amounts for Net Requirements purposes.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1979	N/A	4.615%	1070.0

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2015													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	1,905	2,288	1,412	1,310	563	1,693	1,211	1,646	1,487	1,104	1,946	2,077	2.128
HLH (MWh)	1,165	1,399	886	802	366	1,119	766	1,048	978	676	1,260	1,254	2.386
LLH (MWh)	740	889	526	508	197	574	445	598	509	428	686	823	1.800
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	18,432	19,968	19,200	18,432	20,736	19,968	19,200	19,968	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	12,164	9,897	10,628	10,384	12,164	10,384	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	14,061	0	0	0	0	0	0	0	0	0	0	0	1.605
HLH (MWh)	9,568	0	0	0	0	0	0	0	0	0	0	0	1.948
LLH (MWh)	4,493	0	0	0	0	0	0	0	0	0	0	0	1.168
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2025													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

2.2 Contract Resources

Pend Oreille does not have any Contract Resources that are Specified Resources at this time.

3. UNSPECIFIED RESOURCE AMOUNTS

3.1 Unspecified Resource Amounts Used to Serve Total Retail Load

Pend Oreille's Unspecified Resource Amounts are listed in the table below.

Unspecified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2015													
Total (MWh)	2,306	2,235	2,306	1,511	1,365	1,509	1,462	0	0	1,511	1,511	1,462	1.961
HLH (MWh)	1,339	1,190	1,290	845	780	845	845	0	0	845	845	812	1.962
LLH (MWh)	967	1,045	1,016	666	585	664	617	0	0	666	666	650	1.960
Fiscal Year 2016													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fiscal Year 2017													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0

Unspecified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2018													
Total (MWh)	77	74	77	0	0	0	0	0	0	0	0	0	0.026
HLH (MWh)	43	41	41	0	0	0	0	0	0	0	0	0	0.026
LLH (MWh)	34	33	36	0	0	0	0	0	0	0	0	0	0.027
Note: Fill in the table above with megawatt-hours rounded to whole megawatt-hours and with annual Average Megawatts rounded to three decimal places.													

3.2 **Unspecified Resource Amounts for 9(c) Export Decrements**
BPA shall insert a table below pursuant to section 3.5.3 of the body of this Agreement.

4. DEDICATED RESOURCE AMOUNTS FOR AN NLSL

All of Pend Oreille's Dedicated Resource amounts serving an NLSL, in accordance with section 3.5.7 of the body of this Agreement, are listed below.

(1) Box Canyon Dam

(A) Special Provisions

The sum of the Dedicated Resources in section 4 of this exhibit are revised, by September 15th of each year for the upcoming Fiscal Year, to equal Pend Oreille's NLSL forecast for the upcoming Fiscal Year. If the sum of the Dedicated Resource amounts in section 4 of this exhibit is less than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in section 2 and included in this section. If the sum of the Dedicated Resource amounts in section 4 is greater than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in this section and included in section 2. The amounts are adjusted between the two sections each year; however, the sum of the resources is not subject to change except in accordance with section 3.5 of the body of the Agreement. Additionally, Box Canyon Dam is adjusted before adjustments to Boundary Dam.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1956	N/A	36.08%	77.2

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	12,492	13,924	11,064	13,611	12,186	9,060	13,894	14,761	15,657	15,212	15,485	11,409	18.073
HLH (MWh)	7,990	10,753	8,148	8,644	7,844	6,811	8,483	11,689	10,144	9,402	10,833	8,306	22.200
LLH (MWh)	4,502	3,171	2,916	4,967	4,342	2,249	5,411	3,072	5,513	5,810	4,652	3,103	12.838
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	14,506	15,202	15,010	15,164	13,811	14,420	13,466	15,822	16,322	15,545	15,398	11,161	20.072
HLH (MWh)	9,671	10,557	9,622	10,109	9,208	9,613	8,977	10,970	10,463	10,363	10,660	7,143	23.892
LLH (MWh)	4,835	4,645	5,388	5,055	4,603	4,807	4,489	4,852	5,859	5,182	4,738	4,018	15.195
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	15,257	15,944	15,756	15,905	14,482	15,149	14,164	16,574	17,066	16,292	16,154	11,845	21.072
HLH (MWh)	10,171	11,072	10,100	10,603	9,655	10,099	9,443	11,491	10,940	10,861	10,769	7,896	25.061
LLH (MWh)	5,086	4,872	5,656	5,302	4,827	5,050	4,721	5,083	6,126	5,431	5,385	3,949	15.979
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	15,257	15,944	15,756	15,905	14,482	15,149	14,164	16,574	17,066	16,292	16,154	11,845	21.072
HLH (MWh)	10,171	10,630	10,504	10,603	9,655	10,099	9,443	11,049	11,377	10,861	10,769	7,896	25.052
LLH (MWh)	5,086	5,314	5,252	5,302	4,827	5,050	4,721	5,525	5,689	5,431	5,385	3,949	15.990
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	-3,083	-2,481	-2,656	-3,245	-2,389	-1,062	-1,842	-2,802	-1,346	10,889	5,803	9,626	0.616
HLH (MWh)	-2,055	-1,654	-1,771	-2,080	-1,602	-735	-1,228	-1,868	-897	6,980	4,017	6,417	0.715
LLH (MWh)	-1,028	-827	-885	-1,165	-787	-327	-614	-934	-449	3,909	1,786	3,209	0.49
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	11,419	11,142	11,708	11,273	10,963	11,309	9,683	12,641	10,991	11,912	10,749	8,901	15.147
HLH (MWh)	7,331	7,737	7,505	7,516	7,309	7,828	6,207	8,765	7,328	7,637	7,442	5,697	18.036
LLH (MWh)	4,088	3,405	4,203	3,757	3,654	3,481	3,476	3,876	3,663	4,275	3,307	3,204	11.488
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	14,552	12,781	14,840	12,932	10,536	11,587	12,714	15,773	14,023	15,045	13,881	11,932	18.333
HLH (MWh)	8,150	7,164	7,742	6,417	5,660	6,393	5,909	6,662	5,545	7,030	9,206	7,753	17.026
LLH (MWh)	6,402	5,617	7,098	6,515	4,876	5,194	6,805	9,111	8,478	8,015	4,675	4,179	20.001
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	11,419	11,142	11,708	9,890	10,036	9,924	8,382	11,217	9,650	10,510	9,361	7,579	13.754
HLH (MWh)	7,988	8,122	7,852	6,772	6,784	6,729	5,709	8,289	6,559	7,316	6,692	5,558	17.121
LLH (MWh)	3,431	3,020	3,856	3,118	3,252	3,195	2,673	2,928	3,091	3,194	2,669	2,021	9.452
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2021													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	0	18,508	29,440	19,545	14,629	15,581	40,586	49,677	45,122	31,002	29,291	20,858	35.872
HLH (MWh)	0	12,853	19,627	12,529	9,753	10,786	27,057	33,118	30,081	19,874	20,278	13,905	42.724
LLH (MWh)	0	5,655	9,813	7,016	4,876	4,795	13,529	16,559	15,041	11,128	9,013	6,953	27.125
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	10,090	9,972	10,931	11,387	10,285	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.743
HLH (MWh)	6,647	8,560	8,074	7,448	6,683	8,164	6,886	9,802	7,465	7,346	8,064	7,628	18.886
LLH (MWh)	3,443	1,412	2,857	3,939	3,602	3,223	4,134	1,585	3,555	4,041	2,652	1,937	9.454
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	10,090	9,972	10,931	11,387	10,652	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.744
HLH (MWh)	6,647	8,560	7,763	7,746	6,962	7,862	7,162	9,802	7,178	7,639	8,064	7,323	18.874
LLH (MWh)	3,443	1,412	3,168	3,641	3,690	3,525	3,858	1,585	3,842	3,748	2,652	2,242	9.506
Peak (MW)													
Fiscal Year 2025													
Total (MWh)	10,090	9,972	10,931	11,387	10,285	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.743
HLH (MWh)	6,903	8,560	7,763	7,746	6,683	7,862	7,162	9,802	7,178	7,639	7,765	7,628	18.870
LLH (MWh)	3,187	1,412	3,168	3,641	3,602	3,525	3,858	1,585	3,842	3,748	2,951	1,937	9.474
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	10,090	9,972	10,931	11,387	10,285	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.743
HLH (MWh)	6,903	8,218	8,074	7,746	6,683	7,862	7,162	9,425	7,465	7,639	7,765	7,628	18.846
LLH (MWh)	3,187	1,754	2,857	3,641	3,602	3,525	3,858	1,962	3,555	3,748	2,951	1,937	9.505
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	10,090	9,972	10,931	11,387	10,285	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.743
HLH (MWh)	6,903	8,218	8,074	7,448	6,683	8,164	7,162	9,425	7,465	7,639	7,765	7,628	18.846
LLH (MWh)	3,187	1,754	2,857	3,939	3,602	3,223	3,858	1,962	3,555	3,748	2,951	1,937	9.504
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	10,090	9,972	10,931	11,387	10,652	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.744
HLH (MWh)	6,647	8,560	8,074	7,448	6,962	8,164	6,886	9,802	7,465	7,346	8,064	7,628	18.881
LLH (MWh)	3,443	1,412	2,857	3,939	3,690	3,223	4,134	1,585	3,555	4,041	2,652	1,937	9.457
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(2) **Boundary Dam**

(A) **Special Provisions**

The sum of the Dedicated Resources in section 4 of this exhibit are revised, by September 15th of each year for the upcoming Fiscal Year, to equal Pend Oreille's NLSL forecast for the upcoming Fiscal Year. If the sum of the Dedicated Resource amounts in section 4 of this exhibit

is less than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in section 2 and included in this section. If the sum of the Dedicated Resource amounts in section 4 is greater than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in this section and included in section 2. The amounts are adjusted between the two sections each year; however, the sum of the resources is not subject to change except in accordance with section 3.5 of the body of the Agreement. Additionally, Box Canyon Dam is adjusted before adjustments to Boundary Dam.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1979	N/A	4.615%	1070.0

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			

Note: Fill in the table above with "X"s.

(C) Specified Resource Amounts

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.717
HLH (MWh)	19,968	19,200	19,968	19,200	19,200	20,736	19,200	19,968	19,968	19,200	20,736	18,432	48.000
LLH (MWh)	12,693	12,200	11,852	12,164	10,141	10,628	11,152	11,396	10,384	12,164	11,299	13,375	36.014
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	19,200	19,200	19,968	18,432	19,968	19,968	19,968	19,200	19,968	20,736	18,432	48.000
LLH (MWh)	11,925	12,200	12,620	11,396	9,897	11,396	10,384	11,396	11,152	11,396	11,299	13,375	35.976
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	19,200	19,200	19,968	18,432	19,968	19,968	19,968	19,200	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,200	12,620	11,396	9,897	11,396	10,384	11,396	11,152	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	18,432	19,968	19,968	18,432	19,968	19,968	19,200	19,968	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	11,396	9,897	11,396	10,384	12,164	10,384	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.717
HLH (MWh)	20,736	18,432	19,968	19,200	19,200	20,736	19,968	19,200	19,968	19,200	20,736	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	12,164	10,141	10,628	10,384	12,164	10,384	12,164	11,299	12,607	35.965
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2017													
Total (MWh)	30,756	29,112	30,408	30,054	27,766	29,671	29,141	29,718	28,865	30,260	30,089	29,730	40.590
HLH (MWh)	18,803	17,801	19,082	18,398	18,066	19,617	18,434	18,920	18,990	18,524	19,476	17,946	45.614
LLH (MWh)	11,953	11,311	11,326	11,656	9,700	10,054	10,707	10,798	9,875	11,736	10,613	11,784	34.177
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	19,968	19,200	19,200	19,968	18,432	20,736	19,200	19,968	19,968	19,200	20,736	18,432	48.000
LLH (MWh)	12,693	12,200	12,620	11,396	9,897	10,628	11,152	11,396	10,384	12,164	11,299	13,375	36.026
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	19,200	19,200	19,968	18,432	19,968	19,968	19,968	19,200	19,968	20,736	18,432	48.000
LLH (MWh)	11,925	12,200	12,620	11,396	9,897	11,396	10,384	11,396	11,152	11,396	11,299	13,375	35.976
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.717
HLH (MWh)	20,736	19,200	19,200	19,968	19,200	19,968	19,968	19,200	19,968	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,200	12,620	11,396	10,141	11,396	10,384	12,164	10,384	11,396	12,067	12,607	35.965
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	18,600	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	41.113
HLH (MWh)	10,400	19,200	19,968	19,200	18,432	20,736	19,968	19,200	19,968	19,200	20,736	19,200	46.052
LLH (MWh)	8,200	12,200	11,852	12,164	9,897	10,628	10,384	12,164	10,384	12,164	11,299	12,607	34.808
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	19,968	19,200	19,968	19,200	18,432	20,736	19,200	19,968	19,968	19,200	20,736	19,200	48.000
LLH (MWh)	12,693	12,200	11,852	12,164	9,897	10,628	11,152	11,396	10,384	12,164	11,299	12,607	35.976
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.717
HLH (MWh)	19,968	19,200	19,200	19,968	19,200	19,968	19,968	19,968	19,200	19,968	20,736	18,432	48.000
LLH (MWh)	12,693	12,200	12,620	11,396	10,141	11,396	10,384	11,396	11,152	11,396	11,299	13,375	36.014
Peak (MW)													
Fiscal Year 2025													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	19,200	19,200	19,968	18,432	19,968	19,968	19,968	19,200	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,200	12,620	11,396	9,897	11,396	10,384	11,396	11,152	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	18,432	19,968	19,968	18,432	19,968	19,968	19,200	19,968	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	11,396	9,897	11,396	10,384	12,164	10,384	11,396	12,067	12,607	35.976
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2027													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	18,432	19,968	19,200	18,432	20,736	19,968	19,200	19,968	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	12,164	9,897	10,628	10,384	12,164	10,384	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.717
HLH (MWh)	19,968	19,200	19,968	19,200	19,200	20,736	19,200	19,968	19,968	19,200	20,736	19,200	48.000
LLH (MWh)	12,693	12,200	11,852	12,164	10,141	10,628	11,152	11,396	10,384	12,164	11,299	12,607	35.965
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(3) **Unspecified Resource Amounts Used to Serve an NLSL**

Pend Oreille's Unspecified Resource Amounts Used to Serve an NLSL are listed in the table below.

Unspecified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2019													
Total (MWh)	0	1,396	0	1,474	3,256	2,849	0	0	0	0	0	0	1.025
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	1,396	0	1,474	3,256	2,849	0	0	0	0	0	0	2.332
Fiscal Year 2020													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Fiscal Year 2021													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Fiscal Year 2022													
Total (MWh)	0	33,007	24,300	53,251	51,122	57,075	47,862	41,719	43,326	78,994	80,034	84,135	67.902
HLH (MWh)	0	13,947	8,245	24,271	25,575	28,958	21,615	13,682	18,591	36,926	41,066	42,895	56.142
LLH (MWh)	0	19,060	16,055	28,980	25,547	28,117	26,247	28,037	24,735	42,068	38,968	41,240	82.914
Note: Fill in the table above with megawatt-hours rounded to whole megawatt-hours and with annual Average Megawatts rounded to three decimal places.													

5. TOTAL DEDICATED RESOURCE AMOUNTS

The amounts in the table below equal the sum of all resource amounts used to serve Pend Oreille's Total Retail Load listed above in sections 2, 3, and 4.

Dedicated Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	72,220	52,215	64,236	53,364	46,580	49,174	74,142	84,985	78,858	66,644	65,413	56,302	86.992
HLH (MWh)	45,104	33,333	41,259	33,049	30,560	32,818	46,996	56,615	52,004	41,374	43,387	33,721	99.800
LLH (MWh)	27,116	18,882	22,977	20,315	16,020	16,356	27,146	28,370	26,854	25,270	22,026	22,581	70.741
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	73,448	53,405	65,453	53,549	45,141	49,359	74,321	85,170	79,037	65,601	64,370	55,292	87.231
HLH (MWh)	47,552	33,993	40,332	34,474	29,433	31,706	48,979	56,718	50,103	42,445	42,782	33,183	100.102
LLH (MWh)	25,896	19,412	25,121	19,074	15,708	17,652	25,341	28,451	28,934	23,155	21,588	22,109	70.799
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.460
HLH (MWh)	47,198	33,665	40,004	34,716	29,656	31,948	49,221	56,960	50,336	42,687	41,438	34,797	100.291
LLH (MWh)	25,640	19,148	24,850	19,265	15,876	17,842	25,518	28,642	29,120	23,346	23,364	20,914	71.082
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	75,144	55,048	67,160	55,493	46,897	51,300	76,202	85,603	79,456	67,545	66,314	57,173	89.421
HLH (MWh)	48,537	33,509	42,894	35,561	30,436	32,793	50,066	54,770	52,349	43,532	42,283	35,609	102.268
LLH (MWh)	26,607	21,539	24,266	19,931	16,461	18,506	26,135	30,833	27,106	24,012	24,030	21,564	73.022
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	72,838	52,813	64,854	53,982	47,158	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.407
HLH (MWh)	47,198	32,319	41,604	33,381	30,892	33,177	49,221	54,770	52,349	41,046	43,033	34,797	100.200
LLH (MWh)	25,640	20,495	23,249	20,601	16,266	16,614	25,518	30,833	27,106	24,988	21,770	20,914	71.057
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	68,349	50,533	61,227	51,574	43,730	47,871	69,740	79,483	73,897	62,214	61,194	53,141	82.529
HLH (MWh)	42,567	32,082	39,186	31,850	28,455	31,834	44,136	52,704	48,643	38,610	40,521	33,084	94.396
LLH (MWh)	25,781	18,451	22,040	19,724	15,275	16,037	25,604	26,779	25,254	23,604	20,673	20,057	67.380
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	72,915	52,887	64,931	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.486
HLH (MWh)	45,493	33,706	40,045	34,716	29,656	33,177	47,328	56,960	52,349	41,046	43,033	33,406	100.269
LLH (MWh)	27,422	19,181	24,886	19,265	15,876	16,614	27,412	28,642	27,106	24,988	21,770	22,305	71.291
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	72,838	54,171	64,854	55,456	48,788	52,640	74,740	85,603	79,456	66,034	64,803	55,711	88.481
HLH (MWh)	47,198	33,665	40,004	34,716	29,656	31,948	49,221	56,960	50,336	42,687	43,033	33,406	100.332
LLH (MWh)	25,640	20,506	24,850	20,740	19,132	20,692	25,519	28,643	29,120	23,347	21,770	22,305	73.353
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	72,838	52,813	64,854	53,982	47,158	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.407
HLH (MWh)	47,198	33,665	40,004	34,716	30,892	31,948	49,221	54,770	52,349	42,687	41,438	34,797	100.18
LLH (MWh)	25,640	19,148	24,850	19,266	16,266	17,843	25,519	30,833	27,107	23,347	23,365	20,914	71.084
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	53,521	43,000	49,245	43,619	37,776	41,530	53,222	59,265	55,533	49,597	49,273	44,652	66.237
HLH (MWh)	34,320	25,777	31,198	26,738	24,485	27,458	34,876	37,211	36,401	31,729	31,085	27,425	75.062
LLH (MWh)	19,201	17,223	18,047	16,881	13,291	14,072	18,346	22,054	19,132	17,868	18,188	17,227	54.971
Peak (MW)													

Dedicated Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2022													
Total (MWh)	72,838	85,820	89,154	107,233	96,654	106,866	122,602	127,322	122,782	145,028	144,837	139,846	155.363
HLH (MWh)	45,449	47,612	49,849	57,652	55,231	62,135	70,836	68,452	70,940	77,972	84,099	77,692	156.335
LLH (MWh)	27,389	38,208	39,305	49,581	41,423	44,731	51,766	58,870	51,842	67,056	60,738	62,154	154.122
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.461
HLH (MWh)	45,449	33,665	41,604	33,381	29,656	33,177	47,328	56,960	52,349	41,046	43,033	34,797	100.253
LLH (MWh)	27,389	19,148	23,250	20,601	15,876	16,614	27,412	28,643	27,107	24,988	21,770	20,914	71.131
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	72,838	52,813	64,854	53,982	47,158	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.407
HLH (MWh)	45,449	33,665	40,004	34,716	30,892	31,948	49,221	56,960	50,336	42,687	43,033	33,406	100.227
LLH (MWh)	27,389	19,148	24,850	19,266	16,266	17,843	25,519	28,643	29,120	23,347	21,770	22,305	71.143
Peak (MW)													
Fiscal Year 2025													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.461
HLH (MWh)	47,198	33,665	40,004	34,716	29,656	31,948	49,221	56,960	50,336	42,687	41,438	34,797	100.290
LLH (MWh)	25,640	19,148	24,850	19,266	15,876	17,843	25,519	28,643	29,120	23,347	23,365	20,914	71.084
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.461
HLH (MWh)	47,198	32,319	41,604	34,716	29,656	31,948	49,221	54,770	52,349	42,687	41,438	34,797	100.306
LLH (MWh)	25,640	20,494	23,250	19,266	15,876	17,843	25,519	30,833	27,107	23,347	23,365	20,914	71.064
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.461
HLH (MWh)	47,198	32,319	41,604	33,381	29,656	33,177	49,221	54,770	52,349	42,687	41,438	34,797	100.284
LLH (MWh)	25,640	20,494	23,250	20,601	15,876	16,614	25,519	30,833	27,107	23,347	23,365	20,914	71.091
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	72,838	52,813	64,854	53,982	47,158	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.407
HLH (MWh)	45,449	33,665	41,604	33,381	30,892	33,177	47,328	56,960	52,349	41,046	43,033	34,797	100.179
LLH (MWh)	27,389	19,148	23,250	20,601	16,266	16,614	27,412	28,643	27,107	24,988	21,770	20,914	71.085
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

6. LIST OF RESOURCES NOT USED TO SERVE TOTAL RETAIL LOAD

Pursuant to section 17 of the body of this Agreement, all Generating Resources and Contract Resources Pend Oreille owns that are: (1) not Specified Resources listed in section 2 of Exhibit A, and (2) greater than 200 kilowatts of nameplate capability, are listed below.

(1) Kalispel Settlement for Box Canyon

(A) Special Provisions

As a result of Box Canyon Dam's 2005 relicensing with the Federal Energy Regulatory Commission, Pend Oreille and the Kalispel Tribe reached a settlement agreement in 2007 which provides the Kalispel

Tribe a right to 0.83 aMW of the output of Box Canyon Dam. The Kalispel Tribe exercises its right by making an annual election under one of three options. Option 1 provides that the Kalispel Tribe takes delivery of its output share for its own use or to resell. Option 2 provides that Pend Oreille markets the share on behalf of the Kalispel Tribe. Option 3 provides that the Kalispel Tribe sells its share to Pend Oreille.

In October 2008 BPA made a statutory determination under section 5(b)(1) of the Northwest Power Act of a partial loss of resource for 0.83 aMW of Box Canyon Dam at such times the Kalispel Tribe exercises Option 1 or Option 2. BPA determined there is no partial loss of resource when the Kalispel Tribe exercises Option 3. When the Kalispel Tribe exercises either Option 1 or Option 2, the 0.83 aMW of power will be listed in the table in section 6(1)(C) below.

When the Kalispel Tribe exercises Option 3, the 0.83 aMW of power will be used to serve Pend Oreille's Total Retail Load and the 0.83 aMW of power will be listed in the table in section 2.1(4)(C) of this exhibit.

By December 15 of each year Pend Oreille shall notify BPA of the Kalispel Tribe's election for the upcoming calendar year.

(B) **Resource Profile**

Fuel Type	Type of Resource		Percent of Resource Not Used to Serve Load	Nameplate Capability (MW)
	Generating Resource	Contract Resource		
Hydro	X		Calendar Year 2.03% when not applied to load	77.2

(C) **Expected Resource Output**

Expected Output – Energy (aMW)									
Fiscal Year	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**
Annual aMW	0.415	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fiscal Year	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	
Annual aMW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Note: Fill in the table above with annual Average Megawatts rounded to three decimal places.									

(2) **Box Canyon Dam**

(A) **Special Provisions**

See the special provisions in section 4 of this exhibit for Box Canyon Dam and Boundary Dam for language regarding annual updates to the Dedicated Resource amounts for Net Requirements purposes.

(B) **Resource Profile**

Fuel Type	Type of Resource		Percent of Resource Not Used to Serve Load	Nameplate Capability (MW)
	Generating Resource	Contract Resource		
Hydro	X		12.3%	77.2

(C) **Expected Resource Output**

Expected Output – Energy (aMW)									
Fiscal Year	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**
Annual aMW	N/A	N/A	N/A	N/A	N/A	4.932	N/A	N/A	N/A
Fiscal Year	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	
Annual aMW	21.224	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Note: Fill in the table above with annual Average Megawatts rounded to three decimal places.									

7. LIST OF CONSUMER-OWNED RESOURCES

7.1 Consumer-Owned Resources Serving Onsite Consumer Load

Pursuant to section 3.6 of the body of this Agreement, Pend Oreille does not have any Consumer-Owned Resources serving Onsite Consumer Load at this time.

7.2 Consumer-Owned Resources Serving Load Other than Onsite Consumer Load

Pursuant to section 3.6 of the body of this Agreement, Pend Oreille does not have any Consumer-Owned Resources serving load other than Onsite Consumer Load at this time.

7.3 Consumer-Owned Resources Serving Both Onsite Consumer Load and Load Other than Onsite Consumer Load

Pursuant to section 3.6 of the body of this Agreement, Pend Oreille does not have any Consumer-Owned Resources serving both Onsite Consumer Load and load other than Onsite Consumer Load at this time.

7.4 Consumer-Owned Resources Serving an NLSL

Pursuant to section 23.3.7 of the body of this Agreement, Pend Oreille does not have any Consumer-Owned Resources serving an NLSL at this time.

8. REVISIONS

BPA shall revise this exhibit to reflect: (1) Pend Oreille's elections regarding the application and use of all resources owned by Pend Oreille and Pend Oreille's retail consumers and (2) BPA's determinations relevant to this exhibit and made in accordance with this Agreement.

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Revision No. ~~18~~19, Exhibit A
NET REQUIREMENTS AND RESOURCES
Effective October 1, ~~2020~~2021

This revision updates the following for FY ~~2021~~2022: (1) sections 1.1 and 1.2 to add the forecast of Total Retail Load and Net Requirements; (2) sections 2.1(1)(C) Box Canyon Dam and 2.1(5)(C) Boundary Dam and sections 4(1)(C) Box Canyon Dam and 4(2)(C) Boundary Dam to revise the Dedicated Resource Amounts to serve the NLSL; (3) section 4(3)(C) to add Unspecified Resource Amounts Used to Serve an NLSL; and (5) section 5 to revise the Total Dedicated Resource Amounts~~; and, (4) section 6(2)(C) to revise Box Canyon Dam~~.

1. NET REQUIREMENTS

Pend Oreille's Net Requirement equals its Total Retail Load minus Pend Oreille's Dedicated Resources determined pursuant to section 3.3 of the body of this Agreement and listed in sections 2, 3, and 4 of this exhibit. The Parties shall not add or remove resource amounts to change Pend Oreille's purchase obligations from BPA under section 3.1 of the body of this Agreement except in accordance with sections 3.5 and 10 of the body of this Agreement.

BPA shall annually calculate a forecast of Pend Oreille's Net Requirement for the upcoming Fiscal Year as follows:

1.1 Forecast of Total Retail Load

By September 15, 2011, and by each September 15 thereafter, BPA shall fill in the table below with Pend Oreille's Total Retail Load forecast (submitted pursuant to section 17.6 of the body of this Agreement) for the upcoming Fiscal Year. BPA shall notify Pend Oreille by July 31 immediately preceding the start of the Fiscal Year if BPA determines Pend Oreille's submitted forecast is reasonable or not reasonable. If BPA determines Pend Oreille's submitted forecast is not reasonable, then BPA shall fill in the table below with a forecast BPA determines to be reasonable by September 15 immediately preceding the start of the Fiscal Year.

Pend Oreille may submit to arbitration, which may be binding arbitration under a separate agreement or nonbinding arbitration as agreed to by the Parties, pursuant to section 22 of the body of the Agreement, the issue of the reasonableness of BPA's forecast of Pend Oreille's Total Retail Load used by BPA to fill in the table below. Such arbitration shall not include issues of the interpretation or application of BPA's policies with respect to such forecast, including without limitation BPA's 5(b)/9(c) Policy.

Annual Forecast of Monthly Total Retail Load													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Energy (MWh)	78,924	81,725	88,529	93,052	91,969	92,451	87,869	86,646	80,784	79,764	77,599	74,988	115,471
Peak (MW)	131.6	141.6	148.5	150.3	169.4	158.4	157.7	151.7	139.5	128.6	124.7	130.0	N/A

Annual Forecast of Monthly Total Retail Load													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2013													
Energy (MWh)	83,651	88,648	95,569	95,245	85,494	88,918	80,683	82,205	78,946	79,725	80,117	74,427	115.711
Peak (MW)	137.3	152.0	157.4	164.7	155.0	146.1	139.3	138.5	129.3	127.9	127.3	132.5	N/A
Fiscal Year 2014													
Energy (MWh)	85,024	90,369	98,143	97,417	84,978	88,756	80,781	80,934	77,527	78,952	79,047	73,622	115.928
Peak (MW)	132.4	146.4	152.5	158.8	145.0	138.2	131.9	129.3	120.2	123.1	118.2	123.1	N/A
Fiscal Year 2015													
Energy (MWh)	77,772	83,247	90,828	98,101	85,846	90,103	82,519	80,145	80,064	81,540	81,657	75,188	115.298
Peak (MW)	132.1	146.2	152.3	158.8	145.4	139.2	133.5	131.6	123.3	122.0	121.2	126.2	N/A
Fiscal Year 2016													
Energy (MWh)	63,991	69,910	77,036	76,360	68,100	67,758	60,464	59,915	57,164	73,290	70,727	66,394	92.339
Peak (MW)	136.3	149.6	155.8	162.7	148.9	142.0	135.6	133.1	124.0	122.7	122.0	127.0	N/A
Fiscal Year 2017													
Energy (MWh)	62,569	66,421	74,811	74,517	65,730	67,518	61,396	58,282	54,311	56,497	55,926	55,381	86.000
Peak (MW)	110.5	116.9	134.4	137.8	123.4	119.1	112.5	116.5	93.3	88.9	89.0	95.2	N/A
Fiscal Year 2018													
Energy (MWh)	81,737	87,616	96,272	94,088	83,001	85,904	77,395	78,959	73,636	76,487	75,614	72,870	112.281
Peak (MW)	138.4	153.1	161.5	165.9	152.1	145.6	139.8	136.6	124.8	125.5	120.9	128.6	N/A
Fiscal Year 2019													
Energy (MWh)	81,902	87,782	96,438	94,253	83,167	86,070	77,561	79,125	73,802	76,652	75,779	73,036	112.50
Peak (MW)	138.7	153.4	161.8	166.2	152.4	145.9	140.1	136.9	125.1	125.7	121.2	128.9	N/A
Fiscal Year 2020													
Energy (MWh)	82,068	87,948	96,604	90,310	82,213	82,151	73,891	75,114	70,019	72,696	71,866	69,335	108.63
Peak (MW)	139.0	153.7	162.0	160.1	146.3	139.7	134.0	130.7	119.0	119.6	115.1	122.8	N/A
Fiscal Year 2021													
Energy (MWh)	22,007	30,027	36,974	35,644	29,445	27,814	23,006	19,305	17,393	17,891	17,605	17,936	33.687
Peak (MW)	47.2	64.3	71.6	74.7	65.0	58.1	50.1	46.3	33.9	36.1	31.0	38.1	N/A
Fiscal Year 2022													
Energy (MWh)	40,760	118,146	122,756	140,014	129,740	132,011	141,984	142,256	136,461	159,404	159,143	154,918	*/178.83
Peak (MW)	74.9	210.7	218.1	248.3	238.6	231.7	250.6	247.0	234.5	264.1	258.5	266.0	N/A
Fiscal Year 2023													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2024													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2025													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2026													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2027													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2028													
Energy (MWh)													
Peak (MW)													

Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.

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1.2 **Forecast of Net Requirements**

By September 15, 2011, and by each September 15 thereafter, BPA shall calculate, and fill in the table below with, Pend Oreille's Net Requirement forecast for the upcoming Fiscal Year by month. Pend Oreille's Net Requirement forecast equals Pend Oreille's Total Retail Load forecast, shown in section 1.1 above, minus Pend Oreille's Dedicated Resource amounts, shown in section 5 below. In no event shall Pend Oreille's planned Firm Requirements Power purchased for a Fiscal Year under this Agreement exceed Pend Oreille's Net Requirement forecast for the Fiscal Year.

On a planning basis Pend Oreille shall serve that portion of its Total Retail Load that is not served with Firm Requirements Power with Pend Oreille's Dedicated Resources.

Annual Forecast of Monthly Net Requirements													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Energy (MWh)	6,704	29,510	24,293	39,688	45,389	43,277	13,727	1,661	1,926	13,120	12,186	18,686	28.479
Peak (MW)													
Fiscal Year 2013													
Energy (MWh)	10,203	35,243	30,116	41,696	40,353	39,559	6,362	-2,965	-91	14,124	15,747	19,135	28.480
Peak (MW)													
Fiscal Year 2014													
Energy (MWh)	12,186	37,556	33,289	43,435	39,446	38,965	6,041	-4,669	-1,929	12,898	14,244	17,911	28.467
Peak (MW)													
Fiscal Year 2015													
Energy (MWh)	2,628	28,199	23,668	42,608	38,949	38,803	6,317	-2,458	608	13,995	15,343	18,015	25.876
Peak (MW)													
Fiscal Year 2016													
Energy (MWh)	-8,847	17,097	12,182	22,378	20,942	17,967	-14,276	-25,688	-22,292	7,256	5,924	10,683	4.932
Peak (MW)													
Fiscal Year 2017													
Energy (MWh)	-5,780	15,888	13,584	22,943	22,000	19,647	-8,344	-21,201	-19,586	-5,717	-5,268	2,240	3.471
Peak (MW)													
Fiscal Year 2018													
Energy (MWh)	8,822	34,729	31,341	40,106	37,469	36,113	2,655	-6,644	-5,820	10,453	10,811	17,159	24.78
Peak (MW)													
Fiscal Year 2019													
Energy (MWh)	9,064	34,969	31,584	40,271	37,635	36,279	2,821	-6,478	-5,654	10,618	10,976	17,325	25.04
Peak (MW)													
Fiscal Year 2020													
Energy (MWh)	9,230	35,135	31,750	36,328	35,055	32,360	-849	-10,489	-9,437	6,662	7,063	13,624	21.92
Peak (MW)													
Fiscal Year 2021													
Energy (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Peak (MW)													
Fiscal Year 2022													
Energy (MWh)	-32,078	27,329	33,602	32,781	27,086	25,145	19,379	14,934	13,679	14,376	14,306	15,072	23.47
Peak (MW)													
Fiscal Year 2023													
Energy (MWh)													
Peak (MW)													

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Annual Forecast of Monthly Net Requirements													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2024													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2025													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2026													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2027													
Energy (MWh)													
Peak (MW)													
Fiscal Year 2028													
Energy (MWh)													
Peak (MW)													
Note: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

2. LIST OF SPECIFIED RESOURCES

2.1 Generating Resources

All of Pend Oreille's Generating Resources that are Specified Resources are listed below.

(1) Box Canyon Dam

(A) Special Provisions

See the special provisions in section 4 of this exhibit for Box Canyon Dam and Boundary Dam regarding annual updates to the Dedicated Resource amounts for Net Requirements purposes.

(B) Resource Profile

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1956	N/A	61.89%	77.2

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) **Specified Resource Amounts**

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	23,942	4,584	18,376	5,934	2,965	6,521	26,692	34,916	29,465	15,790	13,806	9,449	21.908
HLH (MWh)	15,399	2,100	11,479	3,885	2,316	3,975	17,533	22,754	19,937	10,472	9,445	5,043	25.313
LLH (MWh)	8,543	2,484	6,897	2,049	649	2546	9,159	12,162	9,528	5,318	4,361	4,406	17.588
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	21,928	3,306	14,430	3,948	427	729	26,701	33,422	28,381	15,024	13,460	9,278	19.524
HLH (MWh)	14,618	2,296	9,350	2,679	322	532	17,838	23,231	18,228	10,063	9,367	5,983	23.291
LLH (MWh)	7,310	1,010	5,180	1,269	105	197	8,863	10,191	10,153	4,961	4,093	3,295	14.715
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	21,177	2,564	13,684	3,640	147	432	26,422	33,103	28,056	14,710	13,137	9,013	18.959
HLH (MWh)	14,118	1,781	8,772	2,427	98	288	17,614	22,952	17,984	9,807	8,758	6,009	22.518
LLH (MWh)	7,059	783	4,912	1,213	49	144	8,808	10,151	10,072	4,903	4,379	3,004	14.417
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	21,177	2,564	13,684	3,640	147	432	26,422	33,103	28,056	14,710	13,137	9,013	18.959
HLH (MWh)	14,118	1,709	9,123	2,427	98	288	17,614	22,069	18,704	9,807	8,758	6,009	22.542
LLH (MWh)	7,059	855	4,561	1,213	49	144	8,808	11,034	9,352	4,903	4,379	3,004	14.387
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	39,517	20,989	32,096	22,790	17,540	16,643	42,428	52,479	46,468	20,113	23,488	11,232	39.365
HLH (MWh)	26,344	13,993	21,398	14,609	11,762	11,521	28,285	34,986	30,978	12,894	16,261	7,488	46.777
LLH (MWh)	13,173	6,996	10,698	8,181	5,778	5,122	14,143	17,493	15,490	7,219	7,227	3,744	29.892
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	31,945	16,228	25,813	17,137	12,827	13,661	35,586	43,557	39,563	27,182	25,682	18,288	35.099
HLH (MWh)	20,507	11,270	17,209	10,985	8,552	9,457	22,811	30,200	26,375	17,425	17,780	12,192	41.686
LLH (MWh)	11,438	4,958	8,604	6,152	4,275	4,204	12,775	13,357	13,188	9,757	7,902	6,096	26.691
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	25,015	7,366	17,732	8,272	3,666	4,272	30,903	37,036	34,131	19,090	18,542	11,957	24.884
HLH (MWh)	16,058	5,116	11,367	5,514	2,444	2,958	19,809	25,678	22,753	12,237	12,836	7,652	29.498
LLH (MWh)	8,957	2,250	6,365	2,758	1,222	1,314	11,094	11,358	11,378	6,853	5,706	4,305	19.037
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	21,882	5,689	14,600	6,613	4,093	3,994	27,872	33,904	31,099	15,957	15,410	8,926	21.694
HLH (MWh)	16,139	5,689	11,130	6,613	4,093	3,994	21,148	27,781	23,379	13,638	11,072	5,596	30.593
LLH (MWh)	5,743	0	3,470	0	0	0	6,724	6,123	7,720	2,319	4,338	3,330	10.334
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	25,015	7,366	17,732	9,655	5,115	5,657	32,204	38,460	35,472	20,492	19,930	13,279	26.227
HLH (MWh)	16,301	4,731	11,020	6,258	3,376	3,658	21,348	24,829	23,522	13,352	12,835	8,347	30.352
LLH (MWh)	8,714	2,635	6,712	3,397	1,739	1,999	10,856	13,631	11,950	7,140	7,095	4,932	20.954
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2021													
Total (MWh)	17,117	8,695	13,831	9,182	6,873	7,320	19,068	23,339	21,199	14,565	13,761	9,799	18.807
HLH (MWh)	11,411	5,797	9,221	5,886	4,582	5,067	12,712	15,559	14,133	9,710	9,174	6,533	22.350
LLH (MWh)	5,706	2,898	4,610	3,296	2,291	2,253	6,356	7,780	7,066	4,855	4,587	3,266	14.284
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	~~26,344~~2 6,434	~~8,536~~0	~~18,509~~0	~~8,158~~0	~~4,344~~0	~~4,194~~0	~~29,566~~0	~~38,290~~0	~~34,102~~0	~~19,615~~0	~~18,575~~0	~~11,293~~0	~~25.288~~4.1 59
HLH (MWh)	~~16,742~~2 3,389	~~4,293~~0	~~11,553~~0	~~5,081~~0	~~3,070~~0	~~2,622~~0	~~19,895~~0	~~23,693~~0	~~22,616~~0	~~12,528~~0	~~12,214~~0	~~6,277~~0	~~28.621~~4.7 62
LLH (MWh)	~~9,602~~13 ,045	~~4,243~~0	~~6,956~~0	~~3,077~~0	~~1,274~~0	~~1,572~~0	~~9,671~~0	~~14,597~~0	~~11,486~~0	~~7,087~~0	~~6,361~~0	~~5,016~~0	~~21.035~~3.3 90
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	26,344	8,536	18,509	8,158	4,344	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.288
HLH (MWh)	16,742	4,293	11,553	5,081	3,070	2,622	19,130	24,641	22,616	12,528	12,214	6,277	28.658
LLH (MWh)	9,602	4,243	6,956	3,077	1,274	1,572	10,436	13,649	11,486	7,087	6,361	5,016	20.987
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	26,344	8,536	18,509	8,158	4,499	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.237
HLH (MWh)	16,742	4,293	11,109	5,284	3,198	2,525	19,895	24,641	21,746	13,029	12,214	6,026	28.645
LLH (MWh)	9,602	4,243	7,400	2,874	1,301	1,669	9,671	13,649	12,356	6,586	6,361	5,267	20.914
Peak (MW)													
Fiscal Year 2025													
Total (MWh)	26,344	8,536	18,509	8,158	4,344	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.288
HLH (MWh)	17,386	4,293	11,109	5,284	3,070	2,525	19,895	24,641	21,746	13,029	11,762	6,277	28.709
LLH (MWh)	8,958	4,243	7,400	2,874	1,274	1,669	9,671	13,649	12,356	6,586	6,813	5,016	20.922
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	26,344	8,536	18,509	8,158	4,344	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.288
HLH (MWh)	17,386	4,121	11,553	5,284	3,070	2,525	19,895	23,693	22,616	13,029	11,762	6,277	28.748
LLH (MWh)	8,958	4,415	6,956	2,874	1,274	1,669	9,671	14,597	11,486	6,586	6,813	5,016	20.872
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	26,344	8,536	18,509	8,158	4,344	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.288
HLH (MWh)	17,386	4,121	11,553	5,081	3,070	2,622	19,895	23,693	22,616	13,029	11,762	6,277	28.727
LLH (MWh)	8,958	4,415	6,956	3,077	1,274	1,572	9,671	14,597	11,486	6,586	6,813	5,016	20.899
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	26,344	8,536	18,509	8,158	4,499	4,194	29,566	38,290	34,102	19,615	18,575	11,293	25.237
HLH (MWh)	16,742	4,293	11,553	5,081	3,198	2,622	19,130	24,641	22,616	12,528	12,214	6,277	28.591
LLH (MWh)	9,602	4,243	6,956	3,077	1,301	1,572	10,436	13,649	11,486	7,087	6,361	5,016	20.951
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(2) **Boundary Encroachment on Box Canyon Dam**

(A) **Special Provisions**
None.

(B) **Resource Profile**

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
N/A	1979	N/A	100%	N/A

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X					X		X		
Note: Fill in the table above with "X"s.											

(C) **Specified Resource Amounts**

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,664	1,200	1,539	1,200	1,080	1,123	1,620	2,038	1,789	1,520	1,574	1,229	3.578
LLH (MWh)	1,312	963	1,214	1,032	799	809	1,296	1,608	1,307	1,307	1,136	1,075	3.579
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,200	1,480	1,248	1,037	1,082	1,685	2,038	1,720	1,581	1,574	1,229	3.583
LLH (MWh)	1,248	963	1,273	984	777	850	1,231	1,608	1,376	1,246	1,136	1,075	3.578
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,200	1,480	1,248	1,037	1,082	1,685	2,038	1,720	1,581	1,515	1,280	3.582
LLH (MWh)	1,248	963	1,273	984	777	850	1,231	1,608	1,376	1,246	1,195	1,024	3.580
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,152	1,539	1,248	1,037	1,082	1,685	1,960	1,789	1,581	1,515	1,280	3.582
LLH (MWh)	1,248	1,011	1,214	984	777	850	1,231	1,686	1,307	1,246	1,195	1,024	3.579
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,728	1,152	1,539	1,200	1,080	1,123	1,685	1,960	1,789	1,520	1,574	1,280	3.578
LLH (MWh)	1,248	1,011	1,214	1,032	799	809	1,231	1,686	1,307	1,307	1,136	1,024	3.580
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,664	1,200	1,539	1,200	1,037	1,123	1,620	2,038	1,789	1,520	1,574	1,280	3.580
LLH (MWh)	1,312	963	1,214	1,032	777	809	1,296	1,608	1,307	1,307	1,136	1,024	3.582
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2018													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,664	1,200	1,480	1,248	1,037	1,123	1,620	2,038	1,789	1,520	1,574	1,229	3.579
LLH (MWh)	1,312	963	1,273	984	777	809	1,296	1,608	1,307	1,307	1,136	1,075	3.584
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,200	1,480	1,248	1,037	1,082	1,685	2,038	1,720	1,581	1,574	1,229	3.583
LLH (MWh)	1,248	963	1,273	984	777	850	1,231	1,608	1,376	1,246	1,136	1,075	3.578
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,728	1,200	1,480	1,248	1,080	1,082	1,685	1,960	1,789	1,581	1,515	1,280	3.577
LLH (MWh)	1,248	963	1,273	984	799	850	1,231	1,686	1,307	1,246	1,195	1,024	3.580
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,152	1,539	1,200	1,037	1,123	1,685	1,960	1,789	1,581	1,515	1,280	3.581
LLH (MWh)	1,248	1,011	1,214	1,032	777	809	1,231	1,686	1,307	1,246	1,195	1,024	3.581
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,664	1,200	1,539	1,200	1,037	1,123	1,685	1,960	1,789	1,520	1,574	1,280	3.577
LLH (MWh)	1,312	963	1,214	1,032	777	809	1,231	1,686	1,307	1,307	1,136	1,024	3.586
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,664	1,200	1,539	1,200	1,037	1,123	1,620	2,038	1,789	1,520	1,574	1,280	3.580
LLH (MWh)	1,312	963	1,214	1,032	777	809	1,296	1,608	1,307	1,307	1,136	1,024	3.582
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,664	1,200	1,480	1,248	1,080	1,082	1,685	2,038	1,720	1,581	1,574	1,229	3.579
LLH (MWh)	1,312	963	1,273	984	799	850	1,231	1,608	1,376	1,246	1,136	1,075	3.578
Peak (MW)													
Fiscal Year 2025													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,200	1,480	1,248	1,037	1,082	1,685	2,038	1,720	1,581	1,515	1,280	3.582
LLH (MWh)	1,248	963	1,273	984	777	850	1,231	1,608	1,376	1,246	1,195	1,024	3.580
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,152	1,539	1,248	1,037	1,082	1,685	1,960	1,789	1,581	1,515	1,280	3.582
LLH (MWh)	1,248	1,011	1,214	984	777	850	1,231	1,686	1,307	1,246	1,195	1,024	3.579
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	2,976	2,163	2,753	2,232	1,814	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.581
HLH (MWh)	1,728	1,152	1,539	1,200	1,037	1,123	1,685	1,960	1,789	1,581	1,515	1,280	3.581
LLH (MWh)	1,248	1,011	1,214	1,032	777	809	1,231	1,686	1,307	1,246	1,195	1,024	3.581
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2028													
Total (MWh)	2,976	2,163	2,753	2,232	1,879	1,932	2,916	3,646	3,096	2,827	2,710	2,304	3.579
HLH (MWh)	1,664	1,200	1,539	1,200	1,080	1,123	1,620	2,038	1,789	1,520	1,574	1,280	3.577
LLH (MWh)	1,312	963	1,214	1,032	799	809	1,296	1,608	1,307	1,307	1,136	1,024	3.581
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(3) **Calispell Creek**

(A) **Special Provisions**
None.

(B) **Resource Profile**

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1976	N/A	100%	1.0

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X					X		N		
Note: Fill in the table above with "X"s.											

(C) **Specified Resource Amounts**

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	120	173	160	166	166	120	86	77	0.300
LLH (MWh)	66	64	98	103	89	124	128	132	122	103	63	67	0.299
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	115	166	166	166	160	125	86	77	0.300
LLH (MWh)	63	64	103	98	87	131	122	132	128	98	63	67	0.300
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	115	166	166	166	160	125	83	80	0.300
LLH (MWh)	63	64	103	98	87	131	122	132	128	98	66	64	0.300
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2015													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	125	115	166	166	160	166	125	83	80	0.300
LLH (MWh)	63	67	98	98	87	131	122	138	122	98	66	64	0.300
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	120	120	173	166	160	166	120	86	80	0.300
LLH (MWh)	63	67	98	103	89	124	122	138	122	103	63	64	0.300
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	115	173	160	166	166	120	86	80	0.300
LLH (MWh)	66	64	98	103	87	124	128	132	122	103	63	64	0.300
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	120	125	115	173	160	166	166	120	86	77	0.300
LLH (MWh)	66	64	103	98	87	124	128	132	122	103	63	67	0.299
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	115	166	166	166	160	125	86	77	0.300
LLH (MWh)	62	64	103	98	86	131	122	131	128	98	62	67	0.299
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	120	166	166	160	166	125	83	80	0.300
LLH (MWh)	63	64	103	98	89	131	122	138	122	98	66	64	0.300
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	120	115	173	166	160	166	125	83	80	0.300
LLH (MWh)	63	67	98	103	87	124	122	138	122	98	66	64	0.299
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	115	173	166	160	166	120	86	80	0.300
LLH (MWh)	66	64	98	103	87	124	122	138	122	103	63	64	0.300
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	115	173	160	166	166	120	86	80	0.300
LLH (MWh)	66	64	98	103	87	124	128	132	122	103	63	64	0.300
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	120	125	120	166	166	166	160	125	86	77	0.300
LLH (MWh)	66	64	103	98	89	131	122	132	128	98	63	67	0.300
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2025													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	80	120	125	115	166	166	166	160	125	83	80	0.300
LLH (MWh)	63	64	103	98	87	131	122	132	128	98	66	64	0.300
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	125	115	166	166	160	166	125	83	80	0.300
LLH (MWh)	63	67	98	98	87	131	122	138	122	98	66	64	0.300
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	149	144	223	223	202	297	288	298	288	223	149	144	0.300
HLH (MWh)	86	77	125	120	115	173	166	160	166	125	83	80	0.300
LLH (MWh)	63	67	98	103	87	124	122	138	122	98	66	64	0.299
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	149	144	223	223	209	297	288	298	288	223	149	144	0.300
HLH (MWh)	83	80	125	120	120	173	160	166	166	120	86	80	0.300
LLH (MWh)	66	64	98	103	89	124	128	132	122	103	63	64	0.300
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(4) **Kalispel Settlement for Box Canyon**

(A) **Special Provisions**

See Special Provision in section 6(1)(A). For Fiscal Year 2012 through Fiscal Year 2018 when the Kalispel Tribe of Indians (Kalispel Tribe) elected Option 3 to sell its 0.83 aMW share of Box Canyon Dam to Pend Oreille for the upcoming calendar year, BPA removed the amounts listed in section 6(1)(C) of this exhibit, for the applicable period, and listed them in section 2.1(4)(C) below.

For Fiscal Year 2019 through Fiscal Year 2028, for ease of contract administration, BPA will show the Kalispel Tribe's 0.83 aMW amount of Box Canyon Dam in section 2.1(4)(C) as if the Kalispel Tribe's default election is Option 3, to sell its share to Pend Oreille. If the Kalispel Tribe elects Option 1 or Option 2 then BPA shall revise section 2.1(4)(C) and section 6(1)(C) for the applicable period.

BPA shall update Pend Oreille's Annual Net Requirements as described in section 1.

(B) **Resource Profile**

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1956	N/A	Calendar Year 2.03% when applied to load	77.2

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) **Specified Resource Amounts**

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	0	0	0	0	0	0	0	0	0	1228	1228	1189	0.415
HLH (MWh)	0	0	0	0	0	0	0	0	0	660	713	634	0.409
LLH (MWh)	0	0	0	0	0	0	0	0	0	568	515	555	0.423
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	1,228	1,190	1,217	618	558	617	598	618	598	618	618	598	1.036
HLH (MWh)	713	660	660	345	319	345	345	345	332	345	359	319	1.036
LLH (MWh)	515	530	557	272	239	271	252	272	266	272	259	279	1.035
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	332	332	345	319	345	345	345	332	345	345	332	0.830
LLH (MWh)	259	266	286	272	239	271	252	272	266	272	272	266	0.830
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	345	319	345	345	332	345	345	345	332	0.830
LLH (MWh)	259	280	272	272	239	271	252	286	252	272	272	266	0.830
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	618	598	618	618	578	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	332	332	359	345	332	345	332	359	332	0.830
LLH (MWh)	259	280	272	286	246	258	252	286	252	286	259	266	0.830
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	345	345	319	345	345	332	345	345	345	332	0.830
LLH (MWh)	272	266	272	273	239	272	253	286	253	273	273	266	0.831
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	346	332	332	345	319	359	332	345	345	332	359	319	0.830
LLH (MWh)	272	266	286	272	239	258	266	272	252	286	259	279	0.830
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2019													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	332	332	345	319	345	345	345	332	345	359	319	0.830
LLH (MWh)	259	266	286	273	239	272	253	273	266	273	259	279	0.831
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	618	598	618	618	578	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	332	332	345	332	345	345	332	345	345	345	332	0.830
LLH (MWh)	259	266	286	273	246	272	253	286	253	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2021													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	332	319	359	345	332	345	345	345	332	0.830
LLH (MWh)	259	279	273	286	239	258	253	286	253	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2022													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	345	332	319	359	345	332	345	332	359	332	0.830
LLH (MWh)	273	266	273	286	239	258	253	286	253	286	259	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2023													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	345	332	319	359	332	345	345	332	359	332	0.830
LLH (MWh)	273	266	273	286	239	258	266	273	253	286	259	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2024													
Total (MWh)	618	598	618	618	578	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	332	345	332	345	345	345	332	345	359	319	0.830
LLH (MWh)	273	266	286	273	246	272	253	273	266	273	259	279	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2025													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	332	332	345	319	345	345	345	332	345	345	332	0.830
LLH (MWh)	259	266	286	273	239	272	253	273	266	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2026													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	345	319	345	345	332	345	345	345	332	0.830
LLH (MWh)	259	279	273	273	239	272	253	286	253	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Fiscal Year 2027													
Total (MWh)	618	598	618	618	558	617	598	618	598	618	618	598	0.830
HLH (MWh)	359	319	345	332	319	359	345	332	345	345	345	332	0.830
LLH (MWh)	259	279	273	286	239	258	253	286	253	273	273	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2028													
Total (MWh)	618	598	618	618	578	617	598	618	598	618	618	598	0.830
HLH (MWh)	345	332	345	332	332	359	332	345	345	332	359	332	0.830
LLH (MWh)	273	266	273	286	246	258	266	273	253	286	259	266	0.831
Peak (MW)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	N/A
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(5) **Boundary Dam**

(A) **Special Provisions**

See the special provisions in section 4 of this exhibit for Box Canyon Dam and Boundary Dam regarding annual updates to the Dedicated Resource amounts for Net Requirements purposes.

(B) **Resource Profile**

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1979	N/A	4.615%	1070.0

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) **Specified Resource Amounts**

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2015													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	1,905	2,288	1,412	1,310	563	1,693	1,211	1,646	1,487	1,104	1,946	2,077	2.1
HLH (MWh)	1,165	1,399	886	802	366	1,119	766	1,048	978	676	1,260	1,254	2.3
LLH (MWh)	740	889	526	508	197	574	445	598	509	428	686	823	1.8
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.7
HLH (MWh)	20,736	18,432	19,968	19,200	18,432	20,736	19,968	19,200	19,968	19,968	19,968	19,200	48.0
LLH (MWh)	11,925	12,968	11,852	12,164	9,897	10,628	10,384	12,164	10,384	11,396	12,067	12,607	35.9
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	014,061	0	0	0	0	0	0	0	0	0	0	0	01.6
HLH (MWh)	09,565	0	0	0	0	0	0	0	0	0	0	0	01.3
LLH (MWh)	04,493	0	0	0	0	0	0	0	0	0	0	0	01.1
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													

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Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2025													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

2.2 Contract Resources

Pend Oreille does not have any Contract Resources that are Specified Resources at this time.

3. UNSPECIFIED RESOURCE AMOUNTS

3.1 Unspecified Resource Amounts Used to Serve Total Retail Load

Pend Oreille's Unspecified Resource Amounts are listed in the table below.

Unspecified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2015													
Total (MWh)	2,306	2,235	2,306	1,511	1,365	1,509	1,462	0	0	1,511	1,511	1,462	1,961
HLH (MWh)	1,339	1,190	1,290	845	780	845	845	0	0	845	845	812	1,962
LLH (MWh)	967	1,045	1,016	666	585	664	617	0	0	666	666	650	1,960
Fiscal Year 2016													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
Fiscal Year 2017													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0

Unspecified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2018													
Total (MWh)	77	74	77	0	0	0	0	0	0	0	0	0	0.026
HLH (MWh)	43	41	41	0	0	0	0	0	0	0	0	0	0.026
LLH (MWh)	34	33	36	0	0	0	0	0	0	0	0	0	0.027
Note: Fill in the table above with megawatt-hours rounded to whole megawatt-hours and with annual Average Megawatts rounded to three decimal places.													

3.2 **Unspecified Resource Amounts for 9(c) Export Decrements**
BPA shall insert a table below pursuant to section 3.5.3 of the body of this Agreement.

4. DEDICATED RESOURCE AMOUNTS FOR AN NLSL

All of Pend Oreille's Dedicated Resource amounts serving an NLSL, in accordance with section 3.5.7 of the body of this Agreement, are listed below.

(1) **Box Canyon Dam**

(A) **Special Provisions**

The sum of the Dedicated Resources in section 4 of this exhibit are revised, by September 15th of each year for the upcoming Fiscal Year, to equal Pend Oreille's NLSL forecast for the upcoming Fiscal Year. If the sum of the Dedicated Resource amounts in section 4 of this exhibit is less than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in section 2 and included in this section. If the sum of the Dedicated Resource amounts in section 4 is greater than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in this section and included in section 2. The amounts are adjusted between the two sections each year; however, the sum of the resources is not subject to change except in accordance with section 3.5 of the body of the Agreement. Additionally, Box Canyon Dam is adjusted before adjustments to Boundary Dam.

(B) **Resource Profile**

Fuel Type	Date Resource Dedicated to Load	Date of Resource Removal	Percent of Resource Used to Serve Load	Nameplate Capability (MW)
Hydro	1956	N/A	36.08%	77.2

Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) **Specified Resource Amounts**

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	12,492	13,924	11,064	13,611	12,186	9,060	13,894	14,761	15,657	15,212	15,485	11,409	18.073
HLH (MWh)	7,990	10,753	8,148	8,644	7,844	6,811	8,483	11,689	10,144	9,402	10,833	8,306	22.200
LLH (MWh)	4,502	3,171	2,916	4,967	4,342	2,249	5,411	3,072	5,513	5,810	4,652	3,103	12.838
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	14,506	15,202	15,010	15,164	13,811	14,420	13,466	15,822	16,322	15,545	15,398	11,161	20.072
HLH (MWh)	9,671	10,557	9,622	10,109	9,208	9,613	8,977	10,970	10,463	10,363	10,660	7,143	23.892
LLH (MWh)	4,835	4,645	5,388	5,055	4,603	4,807	4,489	4,852	5,859	5,182	4,738	4,018	15.195
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	15,257	15,944	15,756	15,905	14,482	15,149	14,164	16,574	17,066	16,292	16,154	11,845	21.072
HLH (MWh)	10,171	11,072	10,100	10,603	9,655	10,099	9,443	11,491	10,940	10,861	10,769	7,896	25.061
LLH (MWh)	5,086	4,872	5,656	5,302	4,827	5,050	4,721	5,083	6,126	5,431	5,385	3,949	15.979
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	15,257	15,944	15,756	15,905	14,482	15,149	14,164	16,574	17,066	16,292	16,154	11,845	21.072
HLH (MWh)	10,171	10,630	10,504	10,603	9,655	10,099	9,443	11,049	11,377	10,861	10,769	7,896	25.052
LLH (MWh)	5,086	5,314	5,252	5,302	4,827	5,050	4,721	5,525	5,689	5,431	5,385	3,949	15.990
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	-3,083	-2,481	-2,656	-3,245	-2,389	-1,062	-1,842	-2,802	-1,346	10,889	5,803	9,626	0.616
HLH (MWh)	-2,055	-1,654	-1,771	-2,080	-1,602	-735	-1,228	-1,868	-897	6,980	4,017	6,417	0.715
LLH (MWh)	-1,028	-827	-885	-1,165	-787	-327	-614	-934	-449	3,909	1,786	3,209	0.49
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	11,419	11,142	11,708	11,273	10,963	11,309	9,683	12,641	10,991	11,912	10,749	8,901	15.147
HLH (MWh)	7,331	7,737	7,505	7,516	7,309	7,828	6,207	8,765	7,328	7,637	7,442	5,697	18.036
LLH (MWh)	4,088	3,405	4,203	3,757	3,654	3,481	3,476	3,876	3,663	4,275	3,307	3,204	11.488
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	14,552	12,781	14,840	12,932	10,536	11,587	12,714	15,773	14,023	15,045	13,881	11,932	18.333
HLH (MWh)	8,150	7,164	7,742	6,417	5,660	6,393	5,909	6,662	5,545	7,030	9,206	7,753	17.026
LLH (MWh)	6,402	5,617	7,098	6,515	4,876	5,194	6,805	9,111	8,478	8,015	4,675	4,179	20.001
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	11,419	11,142	11,708	9,890	10,036	9,924	8,382	11,217	9,650	10,510	9,361	7,579	13.754
HLH (MWh)	7,988	8,122	7,852	6,772	6,784	6,729	5,709	8,289	6,559	7,316	6,692	5,558	17.121
LLH (MWh)	3,431	3,020	3,856	3,118	3,252	3,195	2,673	2,928	3,091	3,194	2,669	2,021	9.452
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2021													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	~~10,0900~~	~~9,97318~~ ,508	~~10,8912~~ 9,440	~~11,3871~~ 9,545	~~10,2851~~ 4,629	~~11,3871~~ 5,581	~~11,0204~~ 0,586	~~11,38749,~~ 677	~~11,0204~~ 5,122	~~11,3873~~ 1,002	~~10,7162~~ 9,291	~~9,56520~~ ,858	~~14.74335,~~ 872
HLH (MWh)	~~6,6470~~	~~8,56912~~ ,853	~~8,07419~~ ,627	~~7,44812~~ ,529	~~6,6839,~~ 753	~~8,16410~~ ,786	~~7,16227~~ ,057	~~9,42533,1~~ 18	~~7,46530~~ ,081	~~7,34619~~ ,874	~~8,06420~~ ,278	~~7,62813~~ ,905	~~18.88542,~~ 794
LLH (MWh)	~~3,4430~~	~~1,4125,~~ 655	~~2,8579,~~ 813	~~3,0397,~~ 016	~~3,6024,~~ 876	~~3,2234,~~ 795	~~3,85812~~ ,529	~~1,06316,5~~ 59	~~3,55515~~ ,041	~~4,04111~~ ,128	~~3,6529,~~ 013	~~1,0276,~~ 953	~~9.18127.1~~ 25
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	10,090	9,972	10,931	11,387	10,285	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.743
HLH (MWh)	6,647	8,560	8,074	7,448	6,683	8,164	6,886	9,802	7,465	7,346	8,064	7,628	18.886
LLH (MWh)	3,443	1,412	2,857	3,939	3,602	3,223	4,134	1,585	3,555	4,041	2,652	1,937	9.454
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	10,090	9,972	10,931	11,387	10,652	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.744
HLH (MWh)	6,647	8,560	7,763	7,746	6,962	7,862	7,162	9,802	7,178	7,639	8,064	7,323	18.874
LLH (MWh)	3,443	1,412	3,168	3,641	3,690	3,525	3,858	1,585	3,842	3,748	2,652	2,242	9.506
Peak (MW)													
Fiscal Year 2025													
Total (MWh)	10,090	9,972	10,931	11,387	10,285	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.743
HLH (MWh)	6,903	8,560	7,763	7,746	6,683	7,862	7,162	9,802	7,178	7,639	7,765	7,628	18.870
LLH (MWh)	3,187	1,412	3,168	3,641	3,602	3,525	3,858	1,585	3,842	3,748	2,951	1,937	9.474
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	10,090	9,972	10,931	11,387	10,285	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.743
HLH (MWh)	6,903	8,218	8,074	7,746	6,683	7,862	7,162	9,425	7,465	7,639	7,765	7,628	18.846
LLH (MWh)	3,187	1,754	2,857	3,641	3,602	3,525	3,858	1,962	3,555	3,748	2,951	1,937	9.505
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	10,090	9,972	10,931	11,387	10,285	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.743
HLH (MWh)	6,903	8,218	8,074	7,448	6,683	8,164	7,162	9,425	7,465	7,639	7,765	7,628	18.846
LLH (MWh)	3,187	1,754	2,857	3,939	3,602	3,223	3,858	1,962	3,555	3,748	2,951	1,937	9.504
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	10,090	9,972	10,931	11,387	10,652	11,387	11,020	11,387	11,020	11,387	10,716	9,565	14.744
HLH (MWh)	6,647	8,560	8,074	7,448	6,962	8,164	6,886	9,802	7,465	7,346	8,064	7,628	18.881
LLH (MWh)	3,443	1,412	2,857	3,939	3,690	3,223	4,134	1,585	3,555	4,041	2,652	1,937	9.457
Peak (MW)													

Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.

(2) **Boundary Dam**

(A) **Special Provisions**

The sum of the Dedicated Resources in section 4 of this exhibit are revised, by September 15th of each year for the upcoming Fiscal Year,

to equal Pend Oreille's NLSL forecast for the upcoming Fiscal Year. If the sum of the Dedicated Resource amounts in section 4 of this exhibit is less than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in section 2 and included in this section. If the sum of the Dedicated Resource amounts in section 4 is greater than the NLSL forecast, then amounts are temporarily removed from Box Canyon Dam and Boundary Dam in this section and included in section 2. The amounts are adjusted between the two sections each year; however, the sum of the resources is not subject to change except in accordance with section 3.5 of the body of the Agreement. Additionally, Box Canyon Dam is adjusted before adjustments to Boundary Dam.

(B) **Resource Profile**

Fuel Type		Date Resource Dedicated to Load		Date of Resource Removal		Percent of Resource Used to Serve Load		Nameplate Capability (MW)			
Hydro		1979		N/A		4.615%		1070.0			
Statutory Status		Resource Status		DFS or SCS?		Dispatchable?		PNCA?		If PNCA, PNCA Updates?	
5b1A	5b1B	Existing	New	Yes	No	Yes	No	Yes	No	Yes	No
X		X				X		X			
Note: Fill in the table above with "X"s.											

(C) **Specified Resource Amounts**

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.717
HLH (MWh)	19,968	19,200	19,968	19,200	19,200	20,736	19,200	19,968	19,968	19,200	20,736	18,432	48.000
LLH (MWh)	12,693	12,200	11,852	12,164	10,141	10,628	11,152	11,396	10,384	12,164	11,299	13,375	36.014
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	19,200	19,200	19,968	18,432	19,968	19,968	19,968	19,200	19,968	20,736	18,432	48.000
LLH (MWh)	11,925	12,200	12,620	11,396	9,897	11,396	10,384	11,396	11,152	11,396	11,299	13,375	35.976
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	19,200	19,200	19,968	18,432	19,968	19,968	19,968	19,200	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,200	12,620	11,396	9,897	11,396	10,384	11,396	11,152	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	18,432	19,968	19,968	18,432	19,968	19,968	19,200	19,968	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	11,396	9,897	11,396	10,384	12,164	10,384	11,396	12,067	12,607	35.976
Peak (MW)													

Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2016													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.717
HLH (MWh)	20,736	18,432	19,968	19,200	19,200	20,736	19,968	19,200	19,968	19,200	20,736	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	12,164	10,141	10,628	10,384	12,164	10,384	12,164	11,299	12,607	35.965
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	30,756	29,112	30,408	30,054	27,766	29,671	29,141	29,718	28,865	30,260	30,089	29,730	40.590
HLH (MWh)	18,803	17,801	19,082	18,398	18,066	19,617	18,434	18,920	18,990	18,524	19,476	17,946	45.614
LLH (MWh)	11,953	11,311	11,326	11,656	9,700	10,054	10,707	10,798	9,875	11,736	10,613	11,784	34.177
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.7
HLH (MWh)	19,968	19,200	19,200	19,968	18,432	20,736	19,200	19,968	19,968	19,200	20,736	18,432	48.0
LLH (MWh)	12,693	12,200	12,620	11,396	9,897	10,628	11,152	11,396	10,384	12,164	11,299	13,375	36.0
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.7
HLH (MWh)	20,736	19,200	19,200	19,968	18,432	19,968	19,968	19,968	19,200	19,968	20,736	18,432	48.0
LLH (MWh)	11,925	12,200	12,620	11,396	9,897	11,396	10,384	11,396	11,152	11,396	11,299	13,375	35.9
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.7
HLH (MWh)	20,736	19,200	19,200	19,968	19,200	19,968	19,968	19,200	19,968	19,968	19,968	19,200	48.0
LLH (MWh)	11,925	12,200	12,620	11,396	10,141	11,396	10,384	12,164	10,384	11,396	12,067	12,607	35.9
Peak (MW)													
Fiscal Year 2021													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.0
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.0
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	~~32,661~~ 8,600	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	~~42.71~~ 11
HLH (MWh)	~~19,968~~ 0,400	19,200	19,968	19,200	18,432	20,736	19,968	19,200	19,968	19,200	20,736	19,200	~~48.00~~ 05
LLH (MWh)	~~12,693~~ 8,200	12,200	11,852	12,164	9,897	10,628	10,384	12,164	10,384	12,164	11,299	12,607	~~35.97~~ 80
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.7
HLH (MWh)	19,968	19,200	19,968	19,200	18,432	20,736	19,200	19,968	19,968	19,200	20,736	19,200	48.0
LLH (MWh)	12,693	12,200	11,852	12,164	9,897	10,628	11,152	11,396	10,384	12,164	11,299	12,607	35.9
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.7
HLH (MWh)	19,968	19,200	19,200	19,968	19,200	19,968	19,968	19,968	19,200	19,968	20,736	18,432	48.0
LLH (MWh)	12,693	12,200	12,620	11,396	10,141	11,396	10,384	11,396	11,152	11,396	11,299	13,375	36.0
Peak (MW)													

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Specified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2025													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	19,200	19,200	19,968	18,432	19,968	19,968	19,968	19,200	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,200	12,620	11,396	9,897	11,396	10,384	11,396	11,152	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	18,432	19,968	19,968	18,432	19,968	19,968	19,200	19,968	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	11,396	9,897	11,396	10,384	12,164	10,384	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	32,661	31,400	31,820	31,364	28,329	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.718
HLH (MWh)	20,736	18,432	19,968	19,200	18,432	20,736	19,968	19,200	19,968	19,968	19,968	19,200	48.000
LLH (MWh)	11,925	12,968	11,852	12,164	9,897	10,628	10,384	12,164	10,384	11,396	12,067	12,607	35.976
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	32,661	31,400	31,820	31,364	29,341	31,364	30,352	31,364	30,352	31,364	32,035	31,807	42.717
HLH (MWh)	19,968	19,200	19,968	19,200	19,200	20,736	19,200	19,968	19,968	19,200	20,736	19,200	48.000
LLH (MWh)	12,693	12,200	11,852	12,164	10,141	10,628	11,152	11,396	10,384	12,164	11,299	12,607	35.965
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

(3) **Unspecified Resource Amounts Used to Serve an NLSL**
Pend Oreille's Unspecified Resource Amounts Used to Serve an NLSL are listed in the table below.

Unspecified Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2019													
Total (MWh)	0	1,396	0	1,474	3,256	2,849	0	0	0	0	0	0	1.025
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	1,396	0	1,474	3,256	2,849	0	0	0	0	0	0	2.332
Fiscal Year 2020													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Fiscal Year 2021													
Total (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
HLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
LLH (MWh)	0	0	0	0	0	0	0	0	0	0	0	0	0.000
Fiscal Year 2022													
Total (MWh)	0	33,007	24,300	53,251	51,122	57,075	47,862	41,719	43,326	78,994	80,034	84,135	67.902
HLH (MWh)	0	13,947	8,245	24,271	25,575	28,958	21,615	13,682	18,591	36,926	41,066	42,895	56.142
LLH (MWh)	0	19,060	16,055	28,980	25,547	28,117	26,247	28,037	24,735	42,068	38,968	41,240	82.914
Note: Fill in the table above with megawatt-hours rounded to whole megawatt-hours and with annual Average Megawatts rounded to three decimal places.													

5. TOTAL DEDICATED RESOURCE AMOUNTS

The amounts in the table below equal the sum of all resource amounts used to serve Pend Oreille's Total Retail Load listed above in sections 2, 3, and 4.

Dedicated Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2012													
Total (MWh)	72,220	52,215	64,236	53,364	46,580	49,174	74,142	84,985	78,858	66,644	65,413	56,302	86.992
HLH (MWh)	45,104	33,333	41,259	33,049	30,560	32,818	46,996	56,615	52,004	41,374	43,387	33,721	99.800
LLH (MWh)	27,116	18,882	22,977	20,315	16,020	16,356	27,146	28,370	26,854	25,270	22,026	22,581	70.741
Peak (MW)													
Fiscal Year 2013													
Total (MWh)	73,448	53,405	65,453	53,549	45,141	49,359	74,321	85,170	79,037	65,601	64,370	55,292	87.231
HLH (MWh)	47,552	33,993	40,332	34,474	29,433	31,706	48,979	56,718	50,103	42,445	42,782	33,183	100.102
LLH (MWh)	25,896	19,412	25,121	19,074	15,708	17,652	25,341	28,451	28,934	23,155	21,588	22,109	70.799
Peak (MW)													
Fiscal Year 2014													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.460
HLH (MWh)	47,198	33,665	40,004	34,716	29,656	31,948	49,221	56,960	50,386	42,687	41,438	34,797	100.291
LLH (MWh)	25,640	19,148	24,850	19,265	15,876	17,842	25,518	28,642	29,120	23,346	23,364	20,914	71.082
Peak (MW)													
Fiscal Year 2015													
Total (MWh)	75,144	55,048	67,160	55,493	46,897	51,300	76,202	85,603	79,456	67,545	66,314	57,173	89.421
HLH (MWh)	48,537	33,509	42,894	35,561	30,436	32,793	50,066	54,770	52,349	43,532	42,283	35,609	102.268
LLH (MWh)	26,607	21,539	24,266	19,931	16,461	18,506	26,135	30,833	27,106	24,012	24,030	21,564	73.022
Peak (MW)													
Fiscal Year 2016													
Total (MWh)	72,838	52,813	64,854	53,982	47,158	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.407
HLH (MWh)	47,198	32,319	41,604	33,381	30,892	33,177	49,221	54,770	52,349	41,046	43,033	34,797	100.200
LLH (MWh)	25,640	20,495	23,249	20,601	16,266	16,614	25,518	30,833	27,106	24,988	21,770	20,914	71.057
Peak (MW)													
Fiscal Year 2017													
Total (MWh)	68,349	50,533	61,227	51,574	43,730	47,871	69,740	79,483	73,897	62,214	61,194	53,141	82.529
HLH (MWh)	42,567	32,082	39,186	31,850	28,455	31,834	44,136	52,704	48,643	38,610	40,521	33,084	94.396
LLH (MWh)	25,781	18,451	22,040	19,724	15,275	16,037	25,604	26,779	25,254	23,604	20,673	20,057	67.380
Peak (MW)													
Fiscal Year 2018													
Total (MWh)	72,915	52,887	64,931	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.486
HLH (MWh)	45,493	33,706	40,045	34,716	29,656	33,177	47,328	56,960	52,349	41,046	43,033	33,406	100.269
LLH (MWh)	27,422	19,181	24,886	19,265	15,876	16,614	27,412	28,642	27,106	24,988	21,770	22,305	71.291
Peak (MW)													
Fiscal Year 2019													
Total (MWh)	72,838	54,171	64,854	55,456	48,788	52,640	74,740	85,603	79,456	66,034	64,803	55,711	88.481
HLH (MWh)	47,198	33,665	40,004	34,716	29,656	31,948	49,221	56,960	50,336	42,687	43,033	33,406	100.332
LLH (MWh)	25,640	20,506	24,850	20,740	19,132	20,692	25,519	28,643	29,120	23,347	21,770	22,305	73.353
Peak (MW)													
Fiscal Year 2020													
Total (MWh)	72,838	52,813	64,854	53,982	47,158	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.407
HLH (MWh)	47,198	33,665	40,004	34,716	30,892	31,948	49,221	54,770	52,349	42,687	41,438	34,797	100.18
LLH (MWh)	25,640	19,148	24,850	19,266	16,266	17,843	25,519	30,833	27,107	23,347	23,365	20,914	71.084
Peak (MW)													

Dedicated Resource Amounts													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	annual aMW
Fiscal Year 2021													
Total (MWh)	53,521	43,000	49,245	43,619	37,776	41,530	53,222	59,265	55,533	49,597	49,273	44,652	66.237
HLH (MWh)	34,320	25,777	31,198	26,738	24,485	27,458	34,876	37,211	36,401	31,729	31,085	27,425	75.062
LLH (MWh)	19,201	17,223	18,047	16,881	13,291	14,072	18,346	22,054	19,132	17,868	18,188	17,227	54.971
Peak (MW)													
Fiscal Year 2022													
Total (MWh)	72,838	~~52,8138~~ 5,820	~~64,8548~~ 9,154	~~53,9821~~ 07,233	~~45,8329~~ 6,654	~~49,7911~~ 06,866	~~74,7401~~ 22,602	~~85,6031~~ 27,822	~~79,4561~~ 22,782	~~66,0341~~ 45,028	~~64,8031~~ 44,837	~~55,7111~~ 39,846	~~87,461~~ 36
HLH (MWh)	45,449	~~33,6654~~ 7,612	~~41,6044~~ 9,849	~~33,3815~~ 7,652	~~29,6565~~ 5,231	~~33,1776~~ 2,135	~~49,2217~~ 0,836	~~54,7706~~ 8,452	~~52,3497~~ 0,940	~~41,0467~~ 7,972	~~43,0338~~ 4,099	~~34,7977~~ 7,692	~~100,19~~ 6,3
LLH (MWh)	27,389	~~19,1483~~ 8,208	~~23,2503~~ 9,305	~~20,6014~~ 9,581	~~15,8761~~ 1,423	~~16,6144~~ 4,731	~~25,5195~~ 1,766	~~30,8335~~ 8,870	~~27,1075~~ 1,842	~~24,9886~~ 7,056	~~21,7706~~ 0,738	~~20,9146~~ 2,154	~~71,209~~ 12
Peak (MW)													
Fiscal Year 2023													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.461
HLH (MWh)	45,449	33,665	41,604	33,381	29,656	33,177	47,328	56,960	52,349	41,046	43,033	34,797	100.253
LLH (MWh)	27,389	19,148	23,250	20,601	15,876	16,614	27,412	28,643	27,107	24,988	21,770	20,914	71.131
Peak (MW)													
Fiscal Year 2024													
Total (MWh)	72,838	52,813	64,854	53,982	47,158	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.407
HLH (MWh)	45,449	33,665	40,004	34,716	30,892	31,948	49,221	56,960	50,336	42,687	43,033	33,406	100.227
LLH (MWh)	27,389	19,148	24,850	19,266	16,266	17,843	25,519	28,643	29,120	23,347	21,770	22,305	71.143
Peak (MW)													
Fiscal Year 2025													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.461
HLH (MWh)	47,198	33,665	40,004	34,716	29,656	31,948	49,221	56,960	50,336	42,687	41,438	34,797	100.290
LLH (MWh)	25,640	19,148	24,850	19,266	15,876	17,843	25,519	28,643	29,120	23,347	23,365	20,914	71.084
Peak (MW)													
Fiscal Year 2026													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.461
HLH (MWh)	47,198	32,319	41,604	34,716	29,656	31,948	49,221	54,770	52,349	42,687	41,438	34,797	100.306
LLH (MWh)	25,640	20,494	23,250	19,266	15,876	17,843	25,519	30,833	27,107	23,347	23,365	20,914	71.064
Peak (MW)													
Fiscal Year 2027													
Total (MWh)	72,838	52,813	64,854	53,982	45,532	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.461
HLH (MWh)	47,198	32,319	41,604	33,381	29,656	33,177	49,221	54,770	52,349	42,687	41,438	34,797	100.284
LLH (MWh)	25,640	20,494	23,250	20,601	15,876	16,614	25,519	30,833	27,107	23,347	23,365	20,914	71.091
Peak (MW)													
Fiscal Year 2028													
Total (MWh)	72,838	52,813	64,854	53,982	47,158	49,791	74,740	85,603	79,456	66,034	64,803	55,711	87.407
HLH (MWh)	45,449	33,665	41,604	33,381	30,892	33,177	47,328	56,960	52,349	41,046	43,033	34,797	100.179
LLH (MWh)	27,389	19,148	23,250	20,601	16,266	16,614	27,412	28,643	27,107	24,988	21,770	20,914	71.085
Peak (MW)													
Notes: Fill in the table above with megawatt-hours rounded to whole megawatt-hours, with megawatts rounded to one decimal place, and annual Average Megawatts rounded to three decimal places.													

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6. LIST OF RESOURCES NOT USED TO SERVE TOTAL RETAIL LOAD

Pursuant to section 17 of the body of this Agreement, all Generating Resources and Contract Resources Pend Oreille owns that are: (1) not Specified Resources listed in section 2 of Exhibit A, and (2) greater than 200 kilowatts of nameplate capability, are listed below.

(1) **Kalispel Settlement for Box Canyon**

(A) **Special Provisions**

As a result of Box Canyon Dam's 2005 relicensing with the Federal Energy Regulatory Commission, Pend Oreille and the Kalispel Tribe reached a settlement agreement in 2007 which provides the Kalispel Tribe a right to 0.83 aMW of the output of Box Canyon Dam. The Kalispel Tribe exercises its right by making an annual election under one of three options. Option 1 provides that the Kalispel Tribe takes delivery of its output share for its own use or to resell. Option 2 provides that Pend Oreille markets the share on behalf of the Kalispel Tribe. Option 3 provides that the Kalispel Tribe sells its share to Pend Oreille.

In October 2008 BPA made a statutory determination under section 5(b)(1) of the Northwest Power Act of a partial loss of resource for 0.83 aMW of Box Canyon Dam at such times the Kalispel Tribe exercises Option 1 or Option 2. BPA determined there is no partial loss of resource when the Kalispel Tribe exercises Option 3. When the Kalispel Tribe exercises either Option 1 or Option 2, the 0.83 aMW of power will be listed in the table in section 6(1)(C) below.

When the Kalispel Tribe exercises Option 3, the 0.83 aMW of power will be used to serve Pend Oreille's Total Retail Load and the 0.83 aMW of power will be listed in the table in section 2.1(4)(C) of this exhibit.

By December 15 of each year Pend Oreille shall notify BPA of the Kalispel Tribe's election for the upcoming calendar year.

(B) **Resource Profile**

Fuel Type	Type of Resource		Percent of Resource Not Used to Serve Load	Nameplate Capability (MW)
	Generating Resource	Contract Resource		
Hydro	X		Calendar Year 2.03% when not applied to load	77.2

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(C) **Expected Resource Output**

Expected Output – Energy (aMW)									
Fiscal Year	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**
Annual aMW	0.415	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fiscal Year	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	
Annual aMW	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Note: Fill in the table above with annual Average Megawatts rounded to three decimal places.									

(2) **Box Canyon Dam**

(A) **Special Provisions**
See the special provisions in section 4 of this exhibit for Box Canyon Dam and Boundary Dam for language regarding annual updates to the Dedicated Resource amounts for Net Requirements purposes.

(B) **Resource Profile**

Fuel Type	Type of Resource		Percent of Resource Not Used to Serve Load	Nameplate Capability (MW)
	Generating Resource	Contract Resource		
Hydro	X		12.3%	77.2

(C) **Expected Resource Output**

Expected Output – Energy (aMW)									
Fiscal Year	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**
Annual aMW	N/A	N/A	N/A	N/A	N/A	4.932	N/A	N/A	N/A
Fiscal Year	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	
Annual aMW	21.224	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Note: Fill in the table above with annual Average Megawatts rounded to three decimal places.									

7. LIST OF CONSUMER-OWNED RESOURCES

7.1 **Consumer-Owned Resources Serving Onsite Consumer Load**
Pursuant to section 3.6 of the body of this Agreement, Pend Oreille does not have any Consumer-Owned Resources serving Onsite Consumer Load at this time.

7.2 **Consumer-Owned Resources Serving Load Other than Onsite Consumer Load**
Pursuant to section 3.6 of the body of this Agreement, Pend Oreille does not have any Consumer-Owned Resources serving load other than Onsite Consumer Load at this time.

7.3 **Consumer-Owned Resources Serving Both Onsite Consumer Load and Load Other than Onsite Consumer Load**
Pursuant to section 3.6 of the body of this Agreement, Pend Oreille does not have any Consumer-Owned Resources serving both Onsite Consumer Load and load other than Onsite Consumer Load at this time.

7.4 **Consumer-Owned Resources Serving an NLSL**
Pursuant to section 23.3.7 of the body of this Agreement, Pend Oreille does not have any Consumer-Owned Resources serving an NLSL at this time.

8. REVISIONS

BPA shall revise this exhibit to reflect: (1) Pend Oreille's elections regarding the application and use of all resources owned by Pend Oreille and Pend Oreille's retail

consumers and (2) BPA's determinations relevant to this exhibit and made in accordance with this Agreement.

Revision No. 20, Exhibit C
PURCHASE OBLIGATIONS
Effective October 1, 2021

This revision updates sections 1.1 and 1.3 to add the Annual and Monthly Tier 1 Block Amounts for FY 2022.

1. FIRM REQUIREMENTS POWER AT TIER 1 RATES

1.1 Block Power - Annual Average Amount

The annual average amount of Firm Requirements Power priced at Tier 1 Rates shall equal the lesser of Pend Oreille's RHWM, or Pend Oreille's Net Requirement forecast stated in section 1.2 of Exhibit A. By September 15, 2011, and by September 15 of each Fiscal Year thereafter, BPA shall fill in the table below with such amounts, rounded to three decimal places, for the upcoming Fiscal Year.

Annual Tier 1 Block Amounts	
Fiscal Year	**Annual Tier 1 Block Amount (aMW)**
2012	See Revision No. 6
2013	
2014	28.467
2015	25.876
2016	4.932
2017	3.471
2018	24.794
2019	25.047
2020	21.224
2021	0.000
2022	23.471
2023	
2024	
2025	
2026	
2027	
2028	

1.2 Block Shaped to Net Requirement

The amounts of Firm Requirements Power priced at Tier 1 Rates for each month, and for each HLH and each LLH within each month, are established as follows:

1.2.1 **Monthly Shaping Factors to Determine Amounts for Each Month**

"Monthly Shaping Factors" means the factors, as stated in section 1.2.1.3 of this exhibit, which BPA shall use to determine the amount of Firm Requirements Power priced at Tier 1 Rates for each month of a Fiscal Year. BPA shall determine Pend Oreille's Monthly Shaping Factors in accordance with section 1.2.1.2 of this exhibit, using Pend Oreille's "monthly 2010 load values" and "annual 2010 load value" as determined in accordance with section 1.2.1.1 of this exhibit.

1.2.1.1 **Calculation of Monthly and Annual 2010 Load Values**

Each "monthly 2010 load value" for Pend Oreille shall be equal to Pend Oreille's monthly Total Retail Load for FY 2010, as adjusted in accordance with sections 4.1.1.1, 4.1.1.2, and 4.1.1.3 of the TRM. Pend Oreille's "annual 2010 load value" shall be equal to the sum of Pend Oreille's "monthly 2010 load values" for all months of FY 2010.

1.2.1.2 **Calculation of Monthly Shaping Factors**

Pend Oreille's Monthly Shaping Factors shall be determined as follows:

(1) The "monthly shape numerator" shall be equal to (a) the "monthly 2010 load value" for the corresponding month in FY 2010 minus (b) Pend Oreille's Existing Resource amounts for each month of FY 2012, as listed in section 2 of Exhibit A, expressed in MWh;

(2) The "monthly shape denominator" shall be equal to (a) the "annual 2010 load value," minus (b) the sum of Pend Oreille's Existing Resource amounts for all months of FY 2012, as listed in section 2 of Exhibit A, expressed in MWh; and

(3) The Monthly Shaping Factors shall be equal to (a) the "monthly shape numerator" for each month, divided by (b) the "monthly shape denominator".

1.2.1.3 **Monthly Shaping Factors**

By September 15, 2011, BPA shall update the table below with Pend Oreille's Monthly Shaping Factors calculated in accordance with this section 1.2.1. These Monthly Shaping Factors shall not change for the term of this Agreement.

Monthly Shaping Factors													
Month	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Total**
Monthly Shaping Factor	0.034	0.149	0.135	0.190	0.168	0.159	0.010	0.000	0.000	0.038	0.039	0.078	1.000

1.2.1.4 **Megawatt-Hour Amounts**

The megawatt-hours priced at Tier 1 Rates for each month of each Fiscal Year, beginning with FY 2012, shall be equal to: (1) the annual average amount of Firm Requirements Power priced at Tier 1 Rates stated in section 1.1 of this exhibit multiplied by (2) the Monthly Shaping Factor for the corresponding month as specified in section 1.2.1.3 of this exhibit multiplied by (3) the number of hours in the Fiscal Year.

1.2.2 **Amounts Within Each Month**

Except for any amounts of Shaping Capacity specified in section 1.4 of this exhibit, amounts of Firm Requirements Power priced at Tier 1 Rates within each month shall be the same for all hours of the month. The megawatt amount of such power for each HLH and each LLH is the total megawatt-hours in the month established in section 1.2.1.4 of this exhibit divided by the number of hours in the month, rounded to a whole number.

1.3 **Current Tier 1 Block**

By September 15, 2011, and by September 15 of each Fiscal Year thereafter, BPA shall update the table below with whole megawatt amounts of Firm Requirements Power priced at Tier 1 Rates for the upcoming Fiscal Year as established according to sections 1.1 and 1.2 of this exhibit. Due to rounding, the total megawatt-hours established in the table below for any Fiscal Year may be slightly different than the megawatt-hours calculated by multiplying the amount stated in section 1.1 of this exhibit by the number of hours in that Fiscal Year.

Tier 1 Monthly Block Amounts (MW/hr)													
Fiscal Year	**Diurnal Period**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**
2012	**HLH**	See Revision No. 6											
	LLH												
2013	**HLH**												
	LLH												
2014	**HLH**	12	53	46	63	62	53	4	0	0	13	13	27
	LLH	12	53	46	63	62	53	4	0	0	13	13	27
2015	**HLH**	10	47	41	58	57	49	3	0	0	12	12	25
	LLH	10	47	41	58	57	49	3	0	0	12	12	25
2016	**HLH**	2	10	9	10	10	9	1	0	0	2	2	4
	LLH	2	10	9	10	10	9	1	0	0	2	2	4
2017	**HLH**	2	7	7	7	7	6	0	0	0	1	1	3
	LLH	2	7	7	7	7	6	0	0	0	1	1	3

Tier 1 Monthly Block Amounts (MW/hr)													
Fiscal Year	**Diurnal Period**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**
2018	**HLH**	10	46	40	55	54	46	3	0	0	11	11	23
	LLH	10	46	40	55	54	46	3	0	0	11	11	23
2019	**HLH**	10	45	40	56	55	47	3	0	0	11	12	24
	LLH	10	45	40	56	55	47	3	0	0	11	12	24
2020	**HLH**	9	39	34	48	45	40	3	0	0	10	10	20
	LLH	9	39	34	48	45	40	3	0	0	10	10	20
2021	**HLH**	0	0	0	0	0	0	0	0	0	0	0	0
	LLH	0	0	0	0	0	0	0	0	0	0	0	0
2022	**HLH**	9	42	37	53	51	44	3	0	0	11	11	22
	LLH	9	42	37	53	51	44	3	0	0	11	11	22
2023	**HLH**												
	LLH												
2024	**HLH**												
	LLH												
2025	**HLH**												
	LLH												
2026	**HLH**												
	LLH												
2027	**HLH**												
	LLH												
2028	**HLH**												
	LLH												
Note: Round the megawatt-per-hour amounts in the table above to whole megawatts-per-hour.													

1.4 Shaping Capacity

Pend Oreille is not purchasing any amount of Shaping Capacity.

2. FIRM REQUIREMENTS POWER AT TIER 2 RATES

2.1 Notice to Purchase Zero Amounts at Tier 2 Rates

If Pend Oreille elects not to purchase Firm Requirements Power at Tier 2 Rates for a Purchase Period, then by March 31 immediately following the corresponding Notice Deadline, BPA shall update this exhibit to indicate such election by adding an "X" to the applicable cell in the following table. Such election means that for the Purchase Period specified below, Pend Oreille shall: (1) purchase zero amounts of Firm Requirements Power at Tier 2 Rates, and (2) serve all of its Above-RHWM Load with power other than Firm Requirements Power.

Zero Tier 2	Purchase Period
X	FY 2012 - FY 2014
X	FY 2015 - FY 2019
X	FY 2020 - FY 2024
	FY 2025 - FY 2028

2.2 **Tier 2 Load Growth Rate**

Pend Oreille shall not have the right to purchase Firm Requirements Power at Tier 2 Load Growth Rates for the term of this Agreement.

2.3 **Tier 2 Vintage Rates**

2.3.1 **Election Process**

2.3.1.1 **Right to Convert**

Subject to the amounts of power BPA makes available at one or more Tier 2 Vintage Rates, Pend Oreille shall have the right to convert some or all of the amounts of Firm Requirements Power it has elected to purchase at Tier 2 Short-Term Rates, as stated in section 2.4 of this exhibit, to an equal purchase amount at Tier 2 Vintage Rates.

2.3.1.2 **Statement of Intent**

If Pend Oreille elects to purchase Firm Requirements Power from BPA at Tier 2 Vintage Rates, then Pend Oreille shall sign a Statement of Intent offered by BPA. "Statement of Intent" means a statement prepared by BPA and signed by Pend Oreille that describes the approach and cost structure that will be used for a specific Tier 2 Cost Pool. If BPA establishes a Tier 2 Cost Pool for a Tier 2 Vintage Rate consistent with the Statement of Intent, then Pend Oreille agrees to have the portion of its Tier 2 Rate power purchase specified in the Statement of Intent priced at that rate. If BPA is unable to establish the Tier 2 Cost Pool for the specific Tier 2 Vintage Rate, then Pend Oreille agrees to purchase such amount of Firm Requirements Power at Tier 2 Short-Term Rates, except as stated in section 2.3.1.5 of this exhibit.

2.3.1.3 **Insufficient Availability**

The Statement of Intent shall include procedures to allocate between competing applications for a specific Tier 2 Cost Pool if requests exceed amounts available.

2.3.1.4 **Conversion Costs**

Upon establishment of a Tier 2 Vintage Rate for which Pend Oreille signed a Statement of Intent, Pend Oreille shall be liable for payment of any outstanding costs under Tier 2 Short-Term Rates that apply to Pend Oreille. Such costs shall be those that BPA: (1) is obligated to pay and will not recover from Pend Oreille under Tier 2 Short-Term Rates as a result of the conversion, and (2) is unable to recover through other transactions. BPA shall determine such costs, if any, in the first 7(i) Process that establishes the applicable Tier 2 Vintage Rate. In no event shall BPA make payment to Pend Oreille as a result of Pend Oreille's conversion of

purchase amounts at Tier 2 Short-Term Rates to purchase amounts at Tier 2 Vintage Rates.

2.3.1.5 **Additional Offerings**

In addition to the right to convert to Tier 2 Vintage Rates established in section 2.3.1.1 of this exhibit, Pend Oreille may have the opportunity to purchase Firm Requirements Power at Tier 2 Vintage Rates regardless of whether Pend Oreille is purchasing at Tier 2 Short-Term Rates if:

(1) BPA determines, in its sole discretion, that all requests for service at Tier 2 Vintage Rates by purchasers of Firm Requirements Power at Tier 2 Short-Term Rates are able to be satisfied, and

(2) BPA determines, in its sole discretion, to offer Pend Oreille a Statement of Intent that would provide Pend Oreille the opportunity to purchase Firm Requirements at Tier 2 Vintage Rates.

If Pend Oreille signs a Statement of Intent offered by BPA pursuant to this section 2.3.1.5, and if BPA is unable to establish the Tier 2 Cost Pool for the applicable Tier 2 Vintage Rate, then Pend Oreille's current elections for service to its Above-RHWM Load shall continue to apply.

Except as provided in this section 2.3.1, any election by Pend Oreille to purchase Firm Requirements Power at Tier 2 Vintage Rates shall not relieve Pend Oreille of any obligation to purchase Firm Requirements Power at another Tier 2 Rate.

2.3.1.6 **Exhibit Updates**

By September 15 immediately following the establishment of a Tier 2 Vintage Rate for which Pend Oreille signed a Statement of Intent, BPA shall amend this exhibit to show Pend Oreille's Tier 2 Vintage Rate purchases and remove Pend Oreille's Tier 2 Short-Term Rate purchases by the amounts purchased at the Tier 2 Vintage Rate, if Pend Oreille is converting to the Tier 2 Vintage Rate from the Tier 2 Short-Term Rate. BPA shall insert applicable tables, terms, and conditions for each Tier 2 Vintage Rate in section 2.3.2 of this exhibit.

2.3.2 **Vintage Rate Elections**

Pend Oreille has no Tier 2 Vintage Rate elections at this time.

2.4 **Tier 2 Short-Term Rate**

If Pend Oreille elects by the applicable Notice Deadline to purchase Firm Requirements Power at Tier 2 Short-Term Rates for a Purchase Period, then in its election Pend Oreille shall state its purchase amounts of such power for each year of the corresponding Purchase Period. By March 31 immediately following each Notice Deadline, BPA shall update the table below with: (1) Pend Oreille's purchase amounts, if any, at Tier 2 Short-Term Rates for the corresponding Purchase Period, or (2) a zero purchase amount if Pend Oreille does not elect to purchase Firm Requirements Power at Tier 2 Short-Term Rates for the corresponding Purchase Period.

Tier 2 Short-Term Rate Table					
Fiscal Year	**2012**	**2013**	**2014**	**2015**	**2016**
aMW	0	0	0	0	0
Fiscal Year	**2017**	**2018**	**2019**	**2020**	**2021**
aMW	0	0	0	0	0
Fiscal Year	**2022**	**2023**	**2024**	**2025**	**2026**
aMW	0	0	0		
Fiscal Year	**2027**	**2028**			
aMW					
Note: Insert whole megawatt amounts for each year of the applicable Purchase Period.					

2.5 **Amounts of Power to be Billed at Tier 2 Rates**

Prior to each Fiscal Year and consistent with Pend Oreille's elections, BPA shall determine the amounts, if any, of Firm Requirements Power at Tier 2 Rates that need to be remarketed subject to section 10 of the body of this Agreement. By September 15 of each Fiscal year beginning September 15, 2011, BPA shall update the table below for the upcoming Fiscal Year with: (1) the annual average amounts of Firm Requirements Power which Pend Oreille shall purchase at each applicable Tier 2 Rate, (2) any remarketed Tier 2 Rate purchase amounts, and (3) the total amount of Firm Requirements Power priced at Tier 2 Rates, net of any remarketed amounts.

Annual Amounts Priced at Tier 2 Rates (aMW)									
Fiscal Year	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**
No Tier 2 at this time									
Minus Remarketed Amounts									
Total Amount at Tier 2									

Annual Amounts Priced at Tier 2 Rates (aMW)									
Fiscal Year	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	
No Tier 2 at this time									
Minus Remarketed Amounts									
Total Amount at Tier 2									

Notes:
1. List each applicable Tier 2 rate in the table above. For the first applicable Tier 2 rate replace **No Tier 2 at this time** with the name of the applicable Tier 2 rate. For each additional Tier 2 rate, add a new row above the **Remarketed Amounts** row. If Pend Oreille elects not to purchase at Tier 2 rates, then leave **No Tier 2 at this time** in the table and leave the remainder of the table blank.
2. Fill in the table above with whole annual Average Megawatts.

3. MONTHLY PF RATES

Applicable monthly Tier 1 and Tier 2 Rates are specified in BPA Wholesale Power Rate Schedules and GRSPs.

4. REVISIONS

BPA shall revise this exhibit to reflect Pend Oreille's elections regarding service to its Above-RHWM Load and BPA's determinations relevant to this exhibit and made in accordance with this Agreement.

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Revision No. ~~19~~20, Exhibit C
PURCHASE OBLIGATIONS
Effective October 1, ~~2020~~2021

This revision updates sections 1.1 and 1.3 to add the Annual and Monthly Tier 1 Block Amounts for FY ~~2021~~2022.

1. FIRM REQUIREMENTS POWER AT TIER 1 RATES

1.1 Block Power - Annual Average Amount

The annual average amount of Firm Requirements Power priced at Tier 1 Rates shall equal the lesser of Pend Oreille's RHWM, or Pend Oreille's Net Requirement forecast stated in section 1.2 of Exhibit A. By September 15, 2011, and by September 15 of each Fiscal Year thereafter, BPA shall fill in the table below with such amounts, rounded to three decimal places, for the upcoming Fiscal Year.

Annual Tier 1 Block Amounts	
Fiscal Year	**Annual Tier 1 Block Amount (aMW)**
2012	See Revision No. 6
2013	
2014	28.467
2015	25.876
2016	4.932
2017	3.471
2018	24.794
2019	25.047
2020	21.224
2021	-0.000
2022	-23.471
2023	
2024	
2025	
2026	
2027	
2028	

1.2 Block Shaped to Net Requirement

The amounts of Firm Requirements Power priced at Tier 1 Rates for each month, and for each HLH and each LLH within each month, are established as follows:

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1.2.1 **Monthly Shaping Factors to Determine Amounts for Each Month**

"Monthly Shaping Factors" means the factors, as stated in section 1.2.1.3 of this exhibit, which BPA shall use to determine the amount of Firm Requirements Power priced at Tier 1 Rates for each month of a Fiscal Year. BPA shall determine Pend Oreille's Monthly Shaping Factors in accordance with section 1.2.1.2 of this exhibit, using Pend Oreille's "monthly **2010** load values" and "annual **2010** load value" as determined in accordance with section 1.2.1.1 of this exhibit.

1.2.1.1 **Calculation of Monthly and Annual 2010 Load Values**

Each "monthly **2010** load value" for Pend Oreille shall be equal to Pend Oreille's monthly Total Retail Load for FY 2010, as adjusted in accordance with sections 4.1.1.1, 4.1.1.2, and 4.1.1.3 of the TRM. Pend Oreille's "annual **2010** load value" shall be equal to the sum of Pend Oreille's "monthly **2010** load values" for all months of FY 2010.

1.2.1.2 **Calculation of Monthly Shaping Factors**

Pend Oreille's Monthly Shaping Factors shall be determined as follows:

(1) The "monthly shape numerator" shall be equal to (a) the "monthly **2010** load value" for the corresponding month in FY 2010 minus (b) Pend Oreille's Existing Resource amounts for each month of FY 2012, as listed in section 2 of Exhibit A, expressed in MWh;

(2) The "monthly shape denominator" shall be equal to (a) the "annual **2010** load value," minus (b) the sum of Pend Oreille's Existing Resource amounts for all months of FY 2012, as listed in section 2 of Exhibit A, expressed in MWh; and

(3) The Monthly Shaping Factors shall be equal to (a) the "monthly shape numerator" for each month, divided by (b) the "monthly shape denominator".

1.2.1.3 **Monthly Shaping Factors**

By September 15, 2011, BPA shall update the table below with Pend Oreille's Monthly Shaping Factors calculated in accordance with this section 1.2.1. These Monthly Shaping Factors shall not change for the term of this Agreement.

Monthly Shaping Factors													
Month	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
Monthly Shaping Factor	0.034	0.149	0.135	0.190	0.168	0.159	0.010	0.000	0.000	0.038	0.039	0.078	1.000

1.2.1.4 **Megawatt-Hour Amounts**
The megawatt-hours priced at Tier 1 Rates for each month of each Fiscal Year, beginning with FY 2012, shall be equal to: (1) the annual average amount of Firm Requirements Power priced at Tier 1 Rates stated in section 1.1 of this exhibit multiplied by (2) the Monthly Shaping Factor for the corresponding month as specified in section 1.2.1.3 of this exhibit multiplied by (3) the number of hours in the Fiscal Year.

1.2.2 **Amounts Within Each Month**
Except for any amounts of Shaping Capacity specified in section 1.4 of this exhibit, amounts of Firm Requirements Power priced at Tier 1 Rates within each month shall be the same for all hours of the month. The megawatt amount of such power for each HLH and each LLH is the total megawatt-hours in the month established in section 1.2.1.4 of this exhibit divided by the number of hours in the month, rounded to a whole number.

1.3 **Current Tier 1 Block**
By September 15, 2011, and by September 15 of each Fiscal Year thereafter, BPA shall update the table below with whole megawatt amounts of Firm Requirements Power priced at Tier 1 Rates for the upcoming Fiscal Year as established according to sections 1.1 and 1.2 of this exhibit. Due to rounding, the total megawatt-hours established in the table below for any Fiscal Year may be slightly different than the megawatt-hours calculated by multiplying the amount stated in section 1.1 of this exhibit by the number of hours in that Fiscal Year.

Tier 1 Monthly Block Amounts (MW/hr)													
Fiscal Year	Diurnal Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
2012	HLH	See Revision No. 6											
	LLH												
2013	HLH												
	LLH												
2014	HLH	12	53	46	63	62	53	4	0	0	13	13	27
	LLH	12	53	46	63	62	53	4	0	0	13	13	27
2015	HLH	10	47	41	58	57	49	3	0	0	12	12	25
	LLH	10	47	41	58	57	49	3	0	0	12	12	25
2016	HLH	2	10	9	10	10	9	1	0	0	2	2	4
	LLH	2	10	9	10	10	9	1	0	0	2	2	4
2017	HLH	2	7	7	7	7	6	0	0	0	1	1	3
	LLH	2	7	7	7	7	6	0	0	0	1	1	3

Tier 1 Monthly Block Amounts (MW/hr)													
Fiscal Year	Diurnal Period	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
2018	HLH	10	46	40	55	54	46	3	0	0	11	11	23
	LLH	10	46	40	55	54	46	3	0	0	11	11	23
2019	HLH	10	45	40	56	55	47	3	0	0	11	12	24
	LLH	10	45	40	56	55	47	3	0	0	11	12	24
2020	HLH	9	39	34	48	45	40	3	0	0	10	10	20
	LLH	9	39	34	48	45	40	3	0	0	10	10	20
2021	HLH	0	0	0	0	0	0	0	0	0	0	0	0
	LLH	0	0	0	0	0	0	0	0	0	0	0	0
2022	HLH	9	42	37	53	51	44	3	0	0	11	11	22
	LLH	9	42	37	53	51	44	3	0	0	11	11	22
2023	HLH												
	LLH												
2024	HLH												
	LLH												
2025	HLH												
	LLH												
2026	HLH												
	LLH												
2027	HLH												
	LLH												
2028	HLH												
	LLH												
Note: Round the megawatt-per-hour amounts in the table above to whole megawatts-per-hour.													

1.4 **Shaping Capacity**
Pend Oreille is not purchasing any amount of Shaping Capacity.

2. FIRM REQUIREMENTS POWER AT TIER 2 RATES

2.1 **Notice to Purchase Zero Amounts at Tier 2 Rates**
If Pend Oreille elects not to purchase Firm Requirements Power at Tier 2 Rates for a Purchase Period, then by March 31 immediately following the corresponding Notice Deadline, BPA shall update this exhibit to indicate such election by adding an "X" to the applicable cell in the following table. Such election means that for the Purchase Period specified below, Pend Oreille shall: (1) purchase zero amounts of Firm Requirements Power at Tier 2 Rates, and (2) serve all of its Above-RHWM Load with power other than Firm Requirements Power.

Zero Tier 2	Purchase Period
X	FY 2012 - FY 2014
X	FY 2015 - FY 2019
X	FY 2020 - FY 2024
	FY 2025 - FY 2028

2.2 **Tier 2 Load Growth Rate**
Pend Oreille shall not have the right to purchase Firm Requirements Power at Tier 2 Load Growth Rates for the term of this Agreement.

2.3 **Tier 2 Vintage Rates**

2.3.1 **Election Process**

2.3.1.1 **Right to Convert**
Subject to the amounts of power BPA makes available at one or more Tier 2 Vintage Rates, Pend Oreille shall have the right to convert some or all of the amounts of Firm Requirements Power it has elected to purchase at Tier 2 Short-Term Rates, as stated in section 2.4 of this exhibit, to an equal purchase amount at Tier 2 Vintage Rates.

2.3.1.2 **Statement of Intent**
If Pend Oreille elects to purchase Firm Requirements Power from BPA at Tier 2 Vintage Rates, then Pend Oreille shall sign a Statement of Intent offered by BPA. "Statement of Intent" means a statement prepared by BPA and signed by Pend Oreille that describes the approach and cost structure that will be used for a specific Tier 2 Cost Pool. If BPA establishes a Tier 2 Cost Pool for a Tier 2 Vintage Rate consistent with the Statement of Intent, then Pend Oreille agrees to have the portion of its Tier 2 Rate power purchase specified in the Statement of Intent priced at that rate. If BPA is unable to establish the Tier 2 Cost Pool for the specific Tier 2 Vintage Rate, then Pend Oreille agrees to purchase such amount of Firm Requirements Power at Tier 2 Short-Term Rates, except as stated in section 2.3.1.5 of this exhibit.

2.3.1.3 **Insufficient Availability**
The Statement of Intent shall include procedures to allocate between competing applications for a specific Tier 2 Cost Pool if requests exceed amounts available.

2.3.1.4 **Conversion Costs**
Upon establishment of a Tier 2 Vintage Rate for which Pend Oreille signed a Statement of Intent, Pend Oreille shall be liable for payment of any outstanding costs under Tier 2 Short-Term Rates that apply to Pend Oreille. Such costs shall be those that BPA: (1) is obligated to pay and will not recover from Pend Oreille under Tier 2 Short-Term Rates as a result of the conversion, and (2) is unable to recover through other transactions. BPA shall determine such costs, if any, in the first 7(i) Process that establishes the applicable Tier 2 Vintage Rate. In no event shall BPA make payment to Pend Oreille as a result of Pend Oreille's conversion of

purchase amounts at Tier 2 Short-Term Rates to purchase amounts at Tier 2 Vintage Rates.

2.3.1.5 **Additional Offerings**
In addition to the right to convert to Tier 2 Vintage Rates established in section 2.3.1.1 of this exhibit, Pend Oreille may have the opportunity to purchase Firm Requirements Power at Tier 2 Vintage Rates regardless of whether Pend Oreille is purchasing at Tier 2 Short-Term Rates if:

(1) BPA determines, in its sole discretion, that all requests for service at Tier 2 Vintage Rates by purchasers of Firm Requirements Power at Tier 2 Short-Term Rates are able to be satisfied, and

(2) BPA determines, in its sole discretion, to offer Pend Oreille a Statement of Intent that would provide Pend Oreille the opportunity to purchase Firm Requirements at Tier 2 Vintage Rates.

If Pend Oreille signs a Statement of Intent offered by BPA pursuant to this section 2.3.1.5, and if BPA is unable to establish the Tier 2 Cost Pool for the applicable Tier 2 Vintage Rate, then Pend Oreille's current elections for service to its Above-RHWM Load shall continue to apply.

Except as provided in this section 2.3.1, any election by Pend Oreille to purchase Firm Requirements Power at Tier 2 Vintage Rates shall not relieve Pend Oreille of any obligation to purchase Firm Requirements Power at another Tier 2 Rate.

2.3.1.6 **Exhibit Updates**
By September 15 immediately following the establishment of a Tier 2 Vintage Rate for which Pend Oreille signed a Statement of Intent, BPA shall amend this exhibit to show Pend Oreille's Tier 2 Vintage Rate purchases and remove Pend Oreille's Tier 2 Short-Term Rate purchases by the amounts purchased at the Tier 2 Vintage Rate, if Pend Oreille is converting to the Tier 2 Vintage Rate from the Tier 2 Short-Term Rate. BPA shall insert applicable tables, terms, and conditions for each Tier 2 Vintage Rate in section 2.3.2 of this exhibit.

2.3.2 **Vintage Rate Elections**
Pend Oreille has no Tier 2 Vintage Rate elections at this time.

2.4 **Tier 2 Short-Term Rate**

If Pend Oreille elects by the applicable Notice Deadline to purchase Firm Requirements Power at Tier 2 Short-Term Rates for a Purchase Period, then in its election Pend Oreille shall state its purchase amounts of such power for each year of the corresponding Purchase Period. By March 31 immediately following each Notice Deadline, BPA shall update the table below with: (1) Pend Oreille's purchase amounts, if any, at Tier 2 Short-Term Rates for the corresponding Purchase Period, or (2) a zero purchase amount if Pend Oreille does not elect to purchase Firm Requirements Power at Tier 2 Short-Term Rates for the corresponding Purchase Period.

Tier 2 Short-Term Rate Table					
Fiscal Year	**2012**	**2013**	**2014**	**2015**	**2016**
aMW	0	0	0	0	0
Fiscal Year	**2017**	**2018**	**2019**	**2020**	**2021**
aMW	0	0	0	0	0
Fiscal Year	**2022**	**2023**	**2024**	**2025**	**2026**
aMW	0	0	0		
Fiscal Year	**2027**	**2028**			
aMW					
Note: Insert whole megawatt amounts for each year of the applicable Purchase Period.					

2.5 **Amounts of Power to be Billed at Tier 2 Rates**

Prior to each Fiscal Year and consistent with Pend Oreille's elections, BPA shall determine the amounts, if any, of Firm Requirements Power at Tier 2 Rates that need to be remarketed subject to section 10 of the body of this Agreement. By September 15 of each Fiscal year beginning September 15, 2011, BPA shall update the table below for the upcoming Fiscal Year with: (1) the annual average amounts of Firm Requirements Power which Pend Oreille shall purchase at each applicable Tier 2 Rate, (2) any remarketed Tier 2 Rate purchase amounts, and (3) the total amount of Firm Requirements Power priced at Tier 2 Rates, net of any remarketed amounts.

Annual Amounts Priced at Tier 2 Rates (aMW)									
Fiscal Year	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**
No Tier 2 at this time									
Minus Remarketed Amounts									
Total Amount at Tier 2									

Annual Amounts Priced at Tier 2 Rates (aMW)								
Fiscal Year	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**
No Tier 2 at this time								
Minus Remarketed Amounts								
Total Amount at Tier 2								

Notes:
1. List each applicable Tier 2 rate in the table above. For the first applicable Tier 2 rate replace **No Tier 2 at this time** with the name of the applicable Tier 2 rate. For each additional Tier 2 rate, add a new row above the **Remarketed Amounts** row. If Pend Oreille elects not to purchase at Tier 2 rates, then leave **No Tier 2 at this time** in the table and leave the remainder of the table blank.
2. Fill in the table above with whole annual Average Megawatts.

3. MONTHLY PF RATES

Applicable monthly Tier 1 and Tier 2 Rates are specified in BPA Wholesale Power Rate Schedules and GRSPs.

4. REVISIONS

BPA shall revise this exhibit to reflect Pend Oreille's elections regarding service to its Above-RHWM Load and BPA's determinations relevant to this exhibit and made in accordance with this Agreement.

(PSE-W:\POWER\CONTRACT\CUSTOMER\PEND_OR_PUD\13090\13090 Exh C ~~R19~~R20.docx)
09/~~1-9/20~~13/21

From: Lacambra,Jared M (BPA) - TPCF-MEAD-GOB

Sent: Thu Oct 14 12:35:17 2021

To: Normandeau,Mike (BPA) - PSE-RONAN; Patton,Kathryn B (BPA) - PSS-SEATTLE; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Harris,Adelle L (TFE)(BPA) - TSES-TPP-2; Moore,Lisa A (BPA) - PSSE-MEAD-GOB

Cc: David Hodder; Mendez-Sierra,Akira M (BPA) - TPPC-OPP-3

Subject: RE: Pend Oreille PUD / BPA Coordination Meeting

Importance: Normal

Attachments: EPM 2200 Digital Power Meter __ GE Grid Solutions.pdf

I received this from Dave Hodder on the dedicated metering. Can we discuss what the requirements power has for the metering to make sure it meets your needs?

Jared

-----Original Appointment-----
From: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Sent: Wednesday, September 1, 2021 5:34 PM
To: Normandeau,Mike (BPA) - PSE-RONAN; Patton,Kathryn B (BPA) - PSS-SEATTLE; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Harris,Adelle L (TFE)(BPA) - TSES-TPP-2; Lacambra,Jared M (BPA) - TPCF-MEAD-GOB; April Owen; Moore,Lisa A (BPA) - PSSE-MEAD-GOB; Diana Jackson; Tyler Whitney
Cc: David Hodder; Mendez-Sierra,Akira M (BPA) - TPPC-OPP-3
Subject: Pend Oreille PUD / BPA Coordination Meeting

When: Thursday, October 14, 2021 2:00 PM-3:00 PM (UTC-07:00) Mountain Time (US & Canada).
Where: 503-230-4000 ID: 243727544

Adding the option for video conferencing to our bi-weekly check in. Thought it would be nice to see some faces since we are working so closely together.

M

JOIN WEBEX MEETING

(b)(2)

TAP TO JOIN FROM A MOBILE DEVICE (ATTENDEES ONLY)

+1-415-527-5035,,1999133457## tel:%2B1-415-527-5035,,*01*1999133457%23%23*01* US Toll

JOIN BY PHONE

(b)(2) [redacted]

Global call-in numbers

(b)(2) [redacted]

JOIN FROM A VIDEO SYSTEM OR APPLICATION

(b)(2) [redacted]

Can't join the meeting?

https://collaborationhelp.cisco.com/article/WBX000029055

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- EPM 9450
- EPM 9650
- EPM 7000P
- PQM II
- Multilin Meter Enclosure

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EPM 2200 Digital Power Meter

Economical Power and Energy Measurement

The Multilin™ EPM 2200 meter is an economical, multifunction power meter providing accurate energy measurements to baseline, support and implement an effective energy management strategy. Its flexible communications options provides easy integration into both electrical monitoring and Building Management systems (BMS). The EPM 2200 provides energy visibility, allowing owners and operators to quickly, accurately and centrally verify system uptime, measure power and energy usage to reduce operating expenses as well as support reporting to qualify for environmental standards (LEED) or various incentive programs.

The EPM 2200 empowers users with greater energy and operational awareness providing opportunities to lower energy costs, improve tenant attraction and retention and ensure standards compliance throughout facilities. Furthermore, the EPM 2200's compact size provides easy panel or enclosure mounting for energy monitoring for generator, substation automation, and industrial applications.

Key Benefits

- Easy integration to both electrical monitoring systems or Building Management (BMS) through optional Modbus Serial or optional simultaneous BACnet MS/TP and Modbus Ethernet communications
- 0.5% Class revenue accuracy to support detailed reporting requirements
- Reliable, compact, industrial rated design with easy ANSI/DIN installation
- Ultra compact, easy to install, program and use
- Highly visible, long life, large 3 line 0.56" bright LED display to easily read measured values
- Application flexibility with user programmability for different system voltages and current measurement requirements.
- Available pre-wired meter enclosure option enabling easy new installations or extension of existing metering capabilities without operational downtime or expensive engineering efforts

Applications

- Low and medium voltage applications including circuit/operational monitoring for main feeders, branch circuits, and gensets
- Building Management Systems (BMS)/HVAC Monitoring
- Energy metering for LEED Projects and Green/Smart Buildings
- Industrial/Commercial Energy Management and Data Center Power Usage Effectiveness (PUE)
- Tenant sub-metering and cost allocation
- Load management and load curtailment

METERING

The EPM 2200 Power Meter is a 0.5% Accuracy Class meter, providing real-time measurement of current and voltage and offers optional support for Power, Energy, Frequency, and Power Factor measurements.

Universal Voltage and Current Inputs

The meter allows voltage inputs measurements up to 416 Volts Line to Neutral and 721 Volts Line to Line. This insures proper meter safety when wiring directly to high voltage systems. The unit will perform to specification on 69 Volt, 120 Volt, 230 Volt, 277 Volt and 347 Volt power systems.

Software Option	Measured Values	Real-Time	Avg	Max	Min
A1 Voltage and Current	Voltage L-N	•		•	•
	Voltage L-L	•		•	•
	Current Per Phase	•	•	•	•
	Current Neutral	•			
	% of Load Bar	•			
	Voltage Angles	•			
	Current Angles	•			
B1 The above plus: Power and Frequency	Watts	•	•	•	•
	VAR	•	•	•	•
	VA	•	•	•	•
	PF	•	•	•	•
	Frequency	•		•	•
C1 The above plus: Energy	+Watt-hr	•			
	-Watt-hr	•			
	Watt-hr Net	•			
	+VAR-hr	•			
	-VAR-hr	•			
	VAR-hr Net	•			
	VA-hr	•			
BN The above plus: BACnet MS/TP and Modbus Ethernet communications					

PONDERAY
INDUSTRIES, LLC

October 29, 2021

Mr. Colin Willenbrock
Pend Oreille County Public Utility District
General Manager
P.O. Box 190
Newport, WA
99156

Sent via E-Mail ONLY

Re: Update and Clarifications from BPA meeting

First, on behalf of both Ponderay and Allrise, I'd like to thank you for meeting with the BPA to obtain better clarification regarding their concerns, and for relaying this critical information to us in a very timely manner. Understanding their concern gives Ponderay the opportunity to refine our plan such that the load characteristics are conducive to the earliest delivery of power.

Based on today's conversation, any additional load for at least the next 100 MW at the Ponderay site will be dedicated to Data Center loads that will have a power factor near unity.

As the information becomes available from the current studies, Ponderay will analyze the best use of further site power delivery and notify the District before making changes in operation or expansion that would materially change the character of the load.

Best Regards,

Todd Behrend

Todd Behrend
CEO
Ponderay Industries, LLC

From: Colin Willenbrock

Sent: Fri Oct 29 16:52:21 2021

To: April Owen; Mendez-Sierra,Akira M (BPA) - TPPC-OPP-3; David Hodder; Tyler Whitney; Cook,Jeffrey W (BPA) - TP-DITT-2; Christopher Mckey (christopher@energywestllc.com)

Cc: Harris,Adelle L (TFE)(BPA) - TSES-TPP-2; Lacambra,Jared M (BPA) - TPCF-MEAD-GOB; Ngoy,Prachthearat (BPA) - TPMC-OPP-3; Wick,Martin A (BPA) - TPCV-TPP-4; Cosola,Anna M (BPA) - TPCC-TPP-4; Galbraith,Brian T (BPA) - TPCC-TPP-4; Stinnette,William W (CONTR) - EC-4; PWA Study; Lee,Christina A (BPA) - TPP-OPP-3; Geyer,Sheryl A (CONTR) - TPP-OPP-3; Hammack,Debby (BPA) - TPPC-OPP-3; Idowu,Ayodele O (BPA) - TPMC-OPP-3; Moyer,Robert B (CONTR) - TPCC-TPP-4; Smith III,James B (CONTR) - TPCC-TPP-4; Normandeau,Mike (BPA) - PSE-RONAN

Subject: [EXTERNAL] RE: L0494 Delay Notice

Importance: Normal

Attachments: Ponderay Load Characteristics Forecast.pdf

Akira and Team,

Please see the attached letter from the customer confirming April's representations below. We look forward to getting a follow-up meeting scheduled for early next week.

Thank you,

Colin

F. Colin Willenbrock

General Manager

Public Utility District No. 1 of Pend Oreille County

P.O. Box 190 | 130 N. Washington

Newport, Washington 99156
509.447.3137 | cwillenbrock@popud.org | www.popud.org

From: April Owen <aowen@popud.org>
Sent: Thursday, October 28, 2021 2:38 PM
To: Mendez-Sierra,Akira M (BPA) - TPPC-OPP-3 <ammendezsierra@bpa.gov>; David Hodder <DHodder@popud.org>; Tyler Whitney <TWhitney@popud.org>
Cc: Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>; Lacambra,Jared M (BPA) - TPCF-MEAD-GOB <jmlacambra@bpa.gov>; Ngoy,Prachthearat (BPA) - TPMC-OPP-3 <pxngoy@bpa.gov>; Wick,Martin A (BPA) - TPCV-TPP-4 <mawickjr@bpa.gov>; Cosola,Anna M (BPA) - TPCC-TPP-4 <amcosola@bpa.gov>; Galbraith,Brian T (BPA) - TPCC-TPP-4 <btgalbraith@bpa.gov>; Stinnette,William W (CONTR) - EC-4 <wwstinnette@bpa.gov>; PWA Study <pwastudy@bpa.gov>; Lee,Christina A (BPA) - TPP-OPP-3 <calee@bpa.gov>; Geyer,Sheryl A (CONTR) - TPP-OPP-3 <sageyer@bpa.gov>; Hammack,Debby (BPA) - TPPC-OPP-3 <dlhammack@bpa.gov>; Idowu,Ayodele O (BPA) - TPMC-OPP-3 <aoidowu@bpa.gov>; Moyer,Robert B (CONTR) - TPCC-TPP-4 <rbmoyer@bpa.gov>; Smith III,James B (CONTR) - TPCC-TPP-4 <jbsmith@bpa.gov>;

Colin Willenbrock <cwillenbrock@popud.org>; Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Subject: RE: L0494 Delay Notice

Hi Akira,

Pend Oreille PUD acknowledges receipt of BPA's delay notice. As discussed on today's call, our customer (Ponderay) has advised and committed that the first 100 MW of power delivered to the Usk site (except the existing 1.5 MW of mill maintenance power) will be computer equipment load with nearly unity power factor, essentially 100% capacity factor and flexibility to adapt to non-firm deliveries and short notice curtailments. Ponderay states that it understands that a hoped-for future restart of paper making operations in addition to the first 100 MW for computer load will likely require further discussion and study by BPA. Ponderay states it is willing to undertake that additional study effort once near-term certainty of power delivery for computing loads has been assured.

Further, assuming the impact study results do ultimately conclude the Usk site is limited to power deliveries substantially below historic loads, Pend Oreille PUD insists that the forthcoming impact study report include a detailed discussion of all factors that have led to that capacity restriction. We understand from our conversations with BPA both today and on October 14 that those details will be included in the report.

Please let me know if you have any questions.

Thank you,

April Owen

April Owen

Director, Audit, Finance & Power Supply

Public Utility District No. 1 of Pend Oreille County

P.O. Box 190 | 130 N. Washington | Newport, WA 99156

509.447.9321 | aowen@popud.org | www.popud.org

From: Mendez-Sierra,Akira M (BPA) - TPPC-OPP-3 <ammendezsierra@bpa.gov>
Sent: Thursday, October 14, 2021 11:55 AM
To: David Hodder <DHodder@popud.org>
Cc: Harris,Adelle L (TFE)(BPA) - TSES-TPP-2 <alharris@bpa.gov>; Lacambra,Jared M (BPA) - TPCF-MEAD-GOB <jmlacambra@bpa.gov>; Ngoy,Prachthearat (BPA) - TPMC-OPP-3 <pxngoy@bpa.gov>; Wick,Martin A (BPA) - TPCV-TPP-4 <mawickjr@bpa.gov>; Cosola,Anna M (BPA) - TPCC-TPP-4 <amcosola@bpa.gov>; Galbraith,Brian T (BPA) - TPCC-TPP-4 <btgalbraith@bpa.gov>; Stinnette,William W (CONTR) - EC-4 <wwstinnette@bpa.gov>; PWA Study <pwastudy@bpa.gov>; Lee,Christina A (BPA) - TPP-OPP-3 <calee@bpa.gov>; Geyer,Sheryl A (CONTR) - TPP-OPP-3 <sageyer@bpa.gov>; Hammack,Debby (BPA) - TPPC-OPP-3 <dlhammack@bpa.gov>; Idowu,Ayodele O (BPA) - TPMC-OPP-3 <aoidowu@bpa.gov>; Moyer,Robert B (CONTR) - TPCC-TPP-4 <rbmoyer@bpa.gov>; Smith III,James B (CONTR) - TPCC-TPP-4 <jbsmith@bpa.gov>; April Owen <aowen@popud.org>; Colin Willenbrock <cwillenbrock@popud.org>
Subject: L0494 Delay Notice

CAUTION: This email originated from outside of the POPUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello David,

This email serves as an official delay notice for the System Impact Study of interconnection request L0494. The Oct 29th, 2021, due date cannot be met. Additional time is needed to identify the impacts from this interconnection request. The new due date for the System Impact Study report is Dec 13th, 2021. However, BPA intends to do all we can to accelerate that date and will try to deliver the report earlier than this 45 day delay. In the interim, we have determined that 20 MW of load can be interconnected after the reconnection of the PNC site, coordinated trip checks with Bell SPC, and independent metering to capture blockchain and the paper mill load.

If you have any questions please feel free to contact me.

Thank you,

Akira Mendez

Electrical Engineer | Transmission Planning

Bonneville Power Administration

(360) 418-2729

Pend Oreille County Public Utility District #1

PONDERAY
INDUSTRIES, LLC

October 29, 2021

Mr. Colin Willenbrock
Pend Oreille County Public Utility District
General Manager
P.O. Box 190
Newport, WA
99156

Sent via E-Mail ONLY

Re: Update and Clarifications from BPA meeting

First, on behalf of both Ponderay and Allrise, I'd like to thank you for meeting with the BPA to obtain better clarification regarding their concerns, and for relaying this critical information to us in a very timely manner. Understanding their concern gives Ponderay the opportunity to refine our plan such that the load characteristics are conducive to the earliest delivery of power.

Based on today's conversation, any additional load for at least the next 100 MW at the Ponderay site will be dedicated to Data Center loads that will have a power factor near unity.

As the information becomes available from the current studies, Ponderay will analyze the best use of further site power delivery and notify the District before making changes in operation or expansion that would materially change the character of the load.

Best Regards,

Todd Behrend

Todd Behrend
CEO
Ponderay Industries, LLC

TRANSMISSION SALES CUSTOMER UPDATE
November 15, 2021

COOPERATIVE

Non-Responsive

[redacted]

Non-Responsive

[redacted]

INVESTOR OWNED UTILITY

MUNICIPALITY

Non-Responsive

PEOPLES/PUBLIC UTILITY DISTRICT

Non-Responsive

Pend Oreille County Public Utilities No. 1 (POPUD): Transmission planning recently determined there are no issues or system upgrades required for POPUD to interconnect 100MW of load at Usk Substation. POPUD recently notified BPA planning that their customer, Ponderay Industries (aka Allrise) has advised and committed that the first 100MW of power delivered to the Usk site will be crypto load with a near unity power factor.

BPA will finish the original System Impact study, (based on the 300MW with 0.9 Power Factor) by the December 13, deadline, and POPUD will need to submit a new Line Load Interconnection Request for the additional 200MW which will need to be studied separately.

POPUD expressed their appreciation to BPA, however the timeframe for Ponderay Industries to move forward is still unknown as they are having some supply chain issues of their own. *(Adelle Harris, Ext. 6090)*

Non-Responsive

[redacted]

OTHER

Non-Responsive

[redacted]

From: April Owen

Sent: Thu Dec 09 12:58:29 2021

To: Normandeau,Mike (BPA) - PSE-RONAN; Patton,Kathryn B (BPA) - PSS-SEATTLE

Cc: Tyler Whitney

Subject: [EXTERNAL] Pend Oreille PUD - Ponderay Industries Facility Determination.pdf

Importance: Normal

Attachments: Pend Oreille PUD - Ponderay Industries Facility Determination.pdf

Mike and Kate,

Please find attached the Facility Determination letter for Ponderay Data.

Thanks for your patience!

April.

April Owen

Director, Audit, Finance & Power Supply

Public Utility District No. 1 of Pend Oreille County

P.O. Box 190 | 130 N. Washington | Newport, WA 99156

509.447.9321 | aowen@popud.org | www.popud.org

Pend Oreille County Public Utility District
Administrative Offices - P.O. Box 190 • Newport, WA 99156 • (509) 447-3137 • FAX (509) 447-5824
Box Canyon Hydro Project - P.O. Box 547 • Ione, WA 99139 • (509) 446-3137 • FAX (509) 447-6790

Mr. Michael Normandeau
Bonneville Power Administration

Dear Mr. Normandeau,

Public Utility District No. 1 of Pend Oreille County (Pend Oreille PUD) is requesting that BPA make a Facility Determination under BPA's New Large Single Load (NLSL) Policy for the Ponderay Data, LLC ("Ponderay Data")[1] load.

Ponderay Data is co-located on the site of Ponderay Industries, LLC, a successor in interest to Ponderay Newsprint Company which is an existing NLSL. Ponderay Data will be capable of consuming a relatively small amount of power in Q4 2021 but intends to grow rapidly to between 20 MW and 100 MW by the end of the second quarter of 2022. The most recent load forecast for this site was submitted to BPA by email on September 2, 2021 and included the amounts that we propose to serve as a Planned NLSL. The timing for Ponderay Industries' restarting the newsprint load (the existing NLSL) remains contingent on BPA's completion of transmission studies, and the results of those studies.

Pend Oreille PUD has included preliminary information below to assist BPA in making the Facility Determination for the Ponderay Data site. Please note that Pend Oreille PUD has relied on information provided by Ponderay Data, and is not in a position to represent or independently verify the accuracy of this information. We hope that the Facility Determination can be concluded as soon as possible so that Ponderay Data and Pend Oreille PUD can move ahead with accurate knowledge of this load's treatment under BPA's NLSL Policy. To this end, we commit to providing BPA whatever additional data is requested as quickly as possible, subject to that data being provided by Ponderay Data.

Pend Oreille PUD intends to acquire non-federal resources to serve the Ponderay Data NLSL served by Pend Oreille PUD.

[1] Please note that there are multiple Ponderay entities that may comprise the end-user customer. Those include, but may not be limited to, Allrise Capital, Inc.; Ponderay Industries, LLC; Ponderay Data, LLC; Ponderay Real Estate, LLC; and Ponderay Renewable Fiber and Blockchain, LLC. Pend Oreille PUD is working to determine the corporate organizational structure of our customer so we can properly identify it/them, and will provide any updates to BPA on this matter when more information becomes available.

Information Provided to aid BPA in the NLSL Facility Determination:

1) Whether the load is operated by a single end-use consumer.

   Yes, the non-paper making load at the Ponderay Industries site is operated by a single end-use customer, Ponderay Data, LLC. Ponderay Data, LLC is a limited liability company organized under the laws of the state of Washington. Please note that both the paper making process load and the Ponderay Data LLC data center load is owned by the same corporate parent, Allrise Capital, Inc.

   Per Ponderay Data: "Note also that Allrise Capital, Inc. is considering the addition of other operational entities on the site which will be located on the property premises which will be consuming power with a high-capacity factor and power factor consistent with high density computing operations. Any of these new business entities added will be included as part of the Purchase Power Agreement currently being negotiated with the POPUD and will be metered separately 'behind the BPA & POPUD meter" so we can allocate the costs of power properly to each business entity on the premises."

2) Whether the load is in a single location.

   Yes, the load is in a single location.

   A legal description of the Ponderay Industries site is as follows:

   Address: 422767 SR 20, Usk, WA 99180

   Abbreviated legal Description: 3-59 F4 NE1/4; N1/2NW1/4; SE 1/4NW; NW1/4SE1/4; 08-32-44

3) Whether the load serves a manufacturing process which produces a single product or type of product.

   The load will serve both cryptocurrency mining and high density computing services.

4) Whether separable portions of the load are independent. – *N/A*

5) Whether the load is contracted for, served or billed as a single load under Pend Oreille PUD's customary billing and service policy.

   A contract has not been signed to date for power in excess of basic mill maintenance power. It is presumed that this load will be combined for billing purposes with the existing NLSL related to paper mill operations.

6) Consideration of facts from previous similar situations.

Pend Oreille PUD is aware that this load will need to be tracked separately from any existing NLSL paper mill operations. Interim configuration of the metering of this load will be dependent on whether the paper mill can restart in the near future.

7) Any other factors that Parties deem to be relevant.

Per Ponderay Data: "Like a more traditional manufacturing process, this enterprise will generate material benefits to the region, including local taxes, numerous relatively high wage employment opportunities, subcontracting and vendor supply opportunities and likelihood to attract additional capital investment in the area.

While it is energy intensive, the crypto mining and high-density computing load is clean, and non-emitting with high capacity factor and power factor, that can be beneficial to the BPA grid."

Thank you for your prompt attention to this matter. We will pass on updates on operational plans for Ponderay Data as they solidify.

Sincerely,

April Owen
Director, Audit, Finance & Power Supply
Pend Oreille PUD

From: April Owen

Sent: Thu Dec 09 12:58:29 2021

To: Normandeau,Mike (BPA) - PSE-RONAN; Patton,Kathryn B (BPA) - PSS-SEATTLE

Cc: Tyler Whitney

Subject: [EXTERNAL] Pend Oreille PUD - Ponderay Industries Facility Determination.pdf

Importance: Normal

Attachments: Pend Oreille PUD - Ponderay Industries Facility Determination.pdf

Mike and Kate,

Please find attached the Facility Determination letter for Ponderay Data.

Thanks for your patience!

April.

April Owen

Director, Audit, Finance & Power Supply

Public Utility District No. 1 of Pend Oreille County

P.O. Box 190 | 130 N. Washington | Newport, WA 99156

509.447.9321 | aowen@popud.org | www.popud.org

Pend Oreille County Public Utility District

Administrative Offices - P.O. Box 190 • Newport, WA 99156 • (509) 447-3137 • FAX (509) 447-5824
Box Canyon Hydro Project - P.O. Box 547 • Ione, WA 99139 • (509) 446-3137 • FAX (509) 447-6790

Mr. Michael Normandeau
Bonneville Power Administration

Dear Mr. Normandeau,

Public Utility District No. 1 of Pend Oreille County (Pend Oreille PUD) is requesting that BPA make a Facility Determination under BPA's New Large Single Load (NLSL) Policy for the Ponderay Data, LLC ("Ponderay Data")[1] load.

Ponderay Data is co-located on the site of Ponderay Industries, LLC, a successor in interest to Ponderay Newsprint Company which is an existing NLSL. Ponderay Data will be capable of consuming a relatively small amount of power in Q4 2021 but intends to grow rapidly to between 20 MW and 100 MW by the end of the second quarter of 2022. The most recent load forecast for this site was submitted to BPA by email on September 2, 2021 and included the amounts that we propose to serve as a Planned NLSL. The timing for Ponderay Industries' restarting the newsprint load (the existing NLSL) remains contingent on BPA's completion of transmission studies, and the results of those studies.

Pend Oreille PUD has included preliminary information below to assist BPA in making the Facility Determination for the Ponderay Data site. Please note that Pend Oreille PUD has relied on information provided by Ponderay Data, and is not in a position to represent or independently verify the accuracy of this information. We hope that the Facility Determination can be concluded as soon as possible so that Ponderay Data and Pend Oreille PUD can move ahead with accurate knowledge of this load's treatment under BPA's NLSL Policy. To this end, we commit to providing BPA whatever additional data is requested as quickly as possible, subject to that data being provided by Ponderay Data.

Pend Oreille PUD intends to acquire non-federal resources to serve the Ponderay Data NLSL served by Pend Oreille PUD.

[1] Please note that there are multiple Ponderay entities that may comprise the end-user customer. Those include, but may not be limited to, Allrise Capital, Inc.; Ponderay Industries, LLC; Ponderay Data, LLC; Ponderay Real Estate, LLC; and Ponderay Renewable Fiber and Blockchain, LLC. Pend Oreille PUD is working to determine the corporate organizational structure of our customer so we can properly identify it/them, and will provide any updates to BPA on this matter when more information becomes available.

Information Provided to aid BPA in the NLSL Facility Determination:

1) Whether the load is operated by a single end-use consumer.

   Yes, the non-paper making load at the Ponderay Industries site is operated by a single end-use customer, Ponderay Data, LLC. Ponderay Data, LLC is a limited liability company organized under the laws of the state of Washington. Please note that both the paper making process load and the Ponderay Data LLC data center load is owned by the same corporate parent, Allrise Capital, Inc.

   Per Ponderay Data: "Note also that Allrise Capital, Inc. is considering the addition of other operational entities on the site which will be located on the property premises which will be consuming power with a high-capacity factor and power factor consistent with high density computing operations. Any of these new business entities added will be included as part of the Purchase Power Agreement currently being negotiated with the POPUD and will be metered separately 'behind the BPA & POPUD meter" so we can allocate the costs of power properly to each business entity on the premises."

2) Whether the load is in a single location.

   Yes, the load is in a single location.

   A legal description of the Ponderay Industries site is as follows:

   Address: 422767 SR 20, Usk, WA 99180

   Abbreviated legal Description: 3-59 F4 NE1/4; N1/2NW1/4; SE 1/4NW; NW1/4SE1/4; 08-32-44

3) Whether the load serves a manufacturing process which produces a single product or type of product.

   The load will serve both cryptocurrency mining and high density computing services.

4) Whether separable portions of the load are independent. – *N/A*

5) Whether the load is contracted for, served or billed as a single load under Pend Oreille PUD's customary billing and service policy.

   A contract has not been signed to date for power in excess of basic mill maintenance power. It is presumed that this load will be combined for billing purposes with the existing NLSL related to paper mill operations.

6) Consideration of facts from previous similar situations.

Pend Oreille PUD is aware that this load will need to be tracked separately from any existing NLSL paper mill operations. Interim configuration of the metering of this load will be dependent on whether the paper mill can restart in the near future.

7) Any other factors that Parties deem to be relevant.

Per Ponderay Data: "Like a more traditional manufacturing process, this enterprise will generate material benefits to the region, including local taxes, numerous relatively high wage employment opportunities, subcontracting and vendor supply opportunities and likelihood to attract additional capital investment in the area.

While it is energy intensive, the crypto mining and high-density computing load is clean, and non-emitting with high capacity factor and power factor, that can be beneficial to the BPA grid."

Thank you for your prompt attention to this matter. We will pass on updates on operational plans for Ponderay Data as they solidify.

Sincerely,

April Owen
Director, Audit, Finance & Power Supply
Pend Oreille PUD

Department of Energy

Bonneville Power Administration
P.O. Box 61409
Vancouver, WA 98666-1409

TRANSMISSION SERVICES

Official File

December 13, 2021

In reply refer to: TPP/OPP-340

Mr. Colin Willenbrock
Pend Oreille Public Utility District #1
130 N. Washington Ave.
Newport, WA 99156

Dear Mr. Willenbrock:

Enclosed is the Line and Load Interconnection System Impact Study (LLISIS) Report addressing the impacts of the Pend Oreille Public Utility District #1's Line and Load Interconnection Request submitted to Bonneville Power Administration-Transmission Services (BPA-TS). This study report is referencing Request Number: L0494 in Bonneville's Line and Load Interconnection Queue.

Within 10 business days a meeting will be scheduled to discuss the results of the study and give Pend Oreille Public Utility District #1 an opportunity to provide feedback. A conference call satisfies this requirement if it is more convenient. The Interconnection Administrator will contact you to arrange the time.

The information contained in this document is considered Critical Information (CI). Do not distribute without permission from the information owner.

If you have any questions or comments, please contact me either by email **ammendezsierra@bpa.gov** or by phone 360- 418-2729.

Sincerely,

AKIRA MENDEZ-SIERRA Digitally signed by AKIRA MENDEZ-SIERRA
Date: 2021.12.10 16:36:57 -08'00'

Akira Mendez-Sierra
Electrical Engineer
Transmission Planning
Enclosure: L0494 Interconnection System Impact Study (ISIS) Report

From: Geyer,Sheryl A (CONTR) - TPP-OPP-3

Sent: Fri Dec 10 17:13:18 2021

To: cwillenbrock@popud.org

Cc: Harris,Adelle L (TFE)(BPA) - TSES-TPP-2; Huntington,Joseph J (TFE)(BPA) - TSES-TPP-2; Cosola,Anna M (BPA) - TPCC-TPP-4; Galbraith,Brian T (BPA) - TPCC-TPP-4; Wick,Martin A (BPA) - TPCV-TPP-4; Lacambra,Jared M (BPA) - TPCF-MEAD-GOB; Hammack,Debby (BPA) - TPPC-OPP-3; Lee,Christina A (BPA) - TPP-OPP-3; Mendez-Sierra,Akira M (BPA) - TPPC-OPP-3; Ngoy,Prachthearat (BPA) - TPMC-OPP-3; Belanger,Beth A (CONTR) - ECT-4

Importance: Normal

Attachments: kvmsg_kv0.tmp; kvmsg_kv1.tmp; kvmsg_kv2.tmp; kvmsg_kv3.tmp; kvmsg_kv4.tmp; kvmsg_kv5.tmp; kvmsg_kv6.tmp

You might need this: (b)(2)

Sheryl Geyer
CONTRACTOR AT BONNEVILLE POWER ADMINISTRATION
ASSISTANT TO: RICKY BUSTAMANTE - MANAGER

From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Mon Dec 13 15:53:52 2021

To: Moore,Lisa A (BPA) - PSSE-MEAD-GOB; Harris,Adelle L (TFE)(BPA) - TSES-TPP-2; Patton,Kathryn B (BPA) - PSS-SEATTLE; Villalobos,Daniel P (BPA) - PEJB-MEAD-GOB; Lacambra,Jared M (BPA) - TPCF-MEAD-GOB; Bodine-Watts,Mary C (BPA) - LP-7; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Doot,Erika A (BPA) - LP-7; Bennett,Jim H (BPA) - LT-7; Hitchens,Victor P (BPA) - TPCF-MEAD-GOB; Davis,Reed C (BPA) - KSL-4

Cc: Schimmels,Nancy M (BPA) - PSE-MEAD-GOB

Subject: RE: Pend Oreille - Allrise Capital new Load

Importance: High

Attachments: [EXTERNAL] Pend Oreille PUD - Ponderay Industries Facility Determination.pdf

Good Afternoon,

Attached is the PUD's request for a NLSL Determination. I also believe Tx released the System Impact Study on Friday. I'm sure we'll cover both on the internal Thursday call.

Thanks.

Mike

-----Original Appointment-----
From: Moore,Lisa A (BPA) - PSSE-MEAD-GOB <lamoore@bpa.gov>
Sent: Tuesday, July 6, 2021 12:37 PM
To: Moore,Lisa A (BPA) - PSSE-MEAD-GOB; Normandeau,Mike (BPA) - PSE-RONAN; Harris,Adelle L (TFE) (BPA) - TSES-TPP-2; Patton,Kathryn B (BPA) - PSS-SEATTLE; Villalobos,Daniel P (BPA) - PEJB-MEAD-GOB;

Lacambra,Jared M (BPA) - TPCF-MEAD-GOB; Bodine-Watts,Mary C (BPA) - LP-7; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Doot,Erika A (BPA) - LP-7; Bennett,Jim H (BPA) - LT-7; Hitchens,Victor P (BPA) - TPCF-MEAD-GOB; Davis,Reed C (BPA) - KSL-4
Cc: Schimmels,Nancy M (BPA) - PSE-MEAD-GOB
Subject: Pend Oreille - Allrise Capital new Load
When: Thursday, December 16, 2021 2:30 PM-3:00 PM (UTC-08:00) Pacific Time (US & Canada).
Where: (b)(2)

Join Skype Meeting
Trouble Joining? Try Skype Web App

Help

[!OC([1033])!]

Mike asked me to set up a working team biweekly meeting for Pend Oreille's new customer Allrise Capital (purchaser of the Penderay Newsprint).

TRANSMISSION PLANNING

LINE & LOAD INTERCONNECTION REPORT

INTERCONNECTION SYSTEM IMPACT STUDY (ISIS)

L0494

12/6/21

PREPARED BY:

Akira Mendez-Sierra – TPPC
Prachthearat Ngoy – TPMC

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1 Introduction

This ISIS examines the System Impacts of interconnecting the proposed 300 MW load addition project to the Bonneville Power Administration Transmission Service's (BPA-TS) transmission system in Pend Oreille County, Washington. The Developer has requested interconnection at Usk 230 kV substation through the existing Ponderay Newsprint Company connection. This request was entered into the BPA-TS Interconnection queue as Request L0494. The requested commercial operation date is 09/01/21.

The ISIS consists of powerflow, voltage stability, short circuit and transient stability analysis (if applicable) and provides a list of facilities and non-binding good faith estimates of cost and a non-binding good faith estimated time to construct. The purpose is to identify any potential adverse system impacts resulting from the requested interconnection.

2 Conclusions

This request was initially for a high inductive 300 MW load (proposed to be at a 0.90 power factor). During this study, the customer modified its request to a 100 MW load at near unity power factor.

The ISIS evaluated a POI at Usk 230 kV substation through the existing Ponderay Newsprint Company connection. The ISIS concluded that the requested 100 MW could be interconnected at Usk 230 kV substation provided the modified reactive compensation and voltage control requirements are met. This interconnection is subject to the following requirements: (1) the 100 MW load needs to be near unity (.99 power factor as identified by the customer), (2) the 100 MW load can only be data center, (3) any additional load above 100 MW will need a new request.

The study found that this interconnection request at Usk 230 kV substation using the existing Ponderay Newsprint Company connection would require no construction or upgrades. Therefore, no cost are expected for this project and the commercial operation date should be scheduled with the Bell District and control center.

The technical study results included in this document are for line and/or load interconnection only. Technical studies for transmission service for delivery of resources to the load are not included. Any transmission service for delivery of resources to the load must be requested and arranged for separately.

These studies were conducted using the best available information at the time of the study. Findings and recommendations are based on assumptions, which could change. BPA-TS reserves the right to modify any content in this report.

3 Impacted Parties

There are no impacted parties associated with this request.

4 Facilities

4.1 High Voltage Plan of Service

This ISIS evaluated a POI at Usk 230 kV ring bus substation through the existing Ponderay Newsprint Company connection. BPA was serving mill load to the Ponderay Newsprint Company connection, but in 2020, the load retired. Usk also connects the Bell-Usk #1 and Usk-Boundary #1 230 kV lines.

The ISIS concluded that the requested 100 MW data center could be interconnected at Usk 230 kV substation provided the reactive compensation and voltage control requirements are met. This interconnection is subject to the following requirements: (1) the 100 MW load needs to be near unity (.99 power factor as identified by the customer), (2) the 100 MW can only be data center load, (3) any additional load above 100 MW will need a new request and study.

4.2 Contingent Facilities

Interconnection of this project is not contingent upon completion of any prior projects or interconnection requests.

4.3 Communications Plan of Service

The plan of service for L0494 will require WECC Level I/BPA Class "B" compliant, fully-redundant fiber cables between the load substation and the POI substation.

Based on the existing communications infrastructure, no new communication equipment is required for this project.

4.3.1 Interconnection Station

For L0494, BPA-TS will not need to install any new equipment for this project.

4.3.2 Control Centers

For L0494, BPA-TS will not need to install any new equipment for this project.

4.4 Remedial Action Schemes

Remedial Action Schemes (RAS) performs actions in response to certain pre-defined outages on the transmission system to maximize transfer capabilities across the transmission system. Actions include, but are not limited to, load tripping, generator tripping, switching of shunt reactive compensation devices, and/or system configuration changes. Communications and RAS are required to meet WECC redundancy requirements.

No Remedial Action Schemes are required for this project.

4.5 Plant Reactive Requirements

Load with a low power factor increases losses and may also negatively impact system voltages, system voltage stability, and system transfer capability. Large load with a low power factor may also deplete dynamic reactive reserves of nearby generation, thereby making the system more

vulnerable to disturbances. For these reasons, BPA requires that the 100 MW load needs to be near unity (.99 power factor as identified by the customer) at the point of interconnection.

The load studied in for this interconnection was modeled with a power factor of 0.99. Provided the customer load meets the 0.99 power factor correction for its load at the point of interconnection, no further power factor correction or other reactive reinforcements are required on the BPA transmission system to accommodate this interconnection.

4.6 Protection, Control, and Monitoring Requirements

4.6.1 Relaying, Transfer Trip, and Auto-reclosing

The developer is responsible for control and relaying for the line and terminal at the L0494 project site.

4.6.2 Revenue or Interchange Metering and SCADA

Interchange meters are needed if the project is not in BPA's BAA. The revenue metering will connect to metering accuracy (0.15% accuracy class) CT's and PT's to the customer station. KWH telemetry will be required on a separate circuit. Analog kV, kW, LOMP, and KVar will be included on the SCADA system provided by BPA-TS for control and monitoring purposes. A dial-up RMS link will be required for meter data.

5 Estimates

5.1 Estimated Cost

This request is at Usk 230 kV substation through the existing Ponderay Newsprint Company connection and no construction or upgrades are required to the BPA transmission system. Therefore, no costs are expected for this project.

5.2 Estimated Schedule

This request is at Usk 230 kV substation through the existing Ponderay Newsprint Company connection. Therefore, the commercial operation date should be scheduled with the Bell District and control center.

6 Technical Analysis

6.1 Powerflow Results

Applicable contingencies were screened for thermal overloads and voltage violations. For all of the scenarios studied, there were no post-contingency thermal overloads or voltage violations directly related to the interconnection of this project.

6.2 Voltage Stability Results

Voltage stability results with this project demonstrate there is adequate voltage stability margin.

6.3 Transient Stability Studies

Transient stability results with this project are acceptable.

6.4 Short Circuit analysis

In general, short circuit studies are calculated for single-phase and three phase bus fault currents.

To determine the circuit breaker interrupting requirements, the maximum short-circuit current duty must be determined. The maximum short-circuit current is higher than the symmetrical short-circuit current calculated by sequence networks (i.e., Aspen program) due to the AC and DC component offsets which are defined by the inductance of the network at the node of interest. BPA-TS determines the maximum values by applying ANSI/IEEE Standard C37.010, section 5.3. Based on a symmetrical short-circuit study the Standard specifies that when the short-circuit current reaches 80% of a breaker short-circuit rating (70% within two transformations of a generator), a more exact method such as the E/X Method with Adjustment for AC and DC Decrements should be used. BPA-TS applies this method based on X/R ratio and adjusts the short-circuit current accordingly.

This project has a negligible impact on the faulty duty at the Usk 230 kV bus. Therefore, no substation breakers, disconnects, and grounding mats are expected to be upgraded for this project.

7 Communications Detailed Requirements

7.1.1 Typical Interconnection Station Requirements

7.1.2 Typical Customer Station Requirements

- Communications Media
  - Developer shall be responsible for installing, maintaining, and operating redundant, geographically diverse, minimum 10 foot aerial spacing, single mode fiber optic cables from the POI substation to the Customer substation. The fiber cables will comply with WECC requirements for Class I communications and BPA-TS Class B Compliance. BPA-TS will require a minimum of 24 strands from each cable for its use. BPA-TS will install, own and operate the redundant SONET 155.52 MBPS Optical Carrier system installed on the Developer's fiber cables.
- Voice
  - DATS (Dial Automatic Telephone System) installed by BPA-TS will be provided for maintenance purposes.
  - Service Channel installed by BPA-TS will be provided for maintenance purposes.
  - PSTN (Public Switch Telephone Network) will be provided by Developer for BPA-TS metering purposes.
- Data including metering installed by BPA-TS:
  - Dual metering will be at the low side of the 34.5/230kV step-up transformer at the Customer substation. It could be located on the high voltage side as well. Bi-directional metering is required and accuracy requirements for metering must be met.
  - GPS receiver for accurate time tagging.
  - Watt/VAR transducers are required to monitor the quantities of each line position to the POI Substation and the Developer's substation(s).
  - BPA-TS will collect PCB and relay status and alarm information from meters, transducers, relays, and other power system equipment

- A SER (Sequence of Events Recorder) will monitor, record and time-tag to one millisecond accuracy
- A FIN (Field Information Network) server is included for remote access for O&M purposes
- A NMS (Network Management System) RTU to monitor/alarm events on the communications media equipment

- Control installed by BPA-TS:
  - A SCADA RTU will monitor and alarm equipment.
- Protection:
  - BPA-TS will provide redundant transfer trip equipment at the Developer's substation which matches the equipment installed at BPA's POI substation. To meet WECC requirements, the Developer will provide redundant relays.
- RAS (Remedial Action Scheme):
  - Redundant WECC compliant RAS is required for this project
- General
  - Some of the BPA-TSC&C equipment will operate from the Customer substation station battery (125-129VDC). The communication equipment will operate from a BPA-TS supplied and installed 48VDC battery and redundant charger system. Load to be defined later.
  - The BPA-TS C&C equipment needs to be indoors (away from dirt/moisture) in a climate controlled facility between 60 and 80 degrees F.
  - For Cyber Security reasons in non-BPA-TS owned stations, BPA-TS Communications equipment, including but not limited to SONET, Channel Banks, Ethernet devices, FIN, and NMS will be housed in the control house in an alarmed, locked area.

8 Project Team

The project team for this request is as follows:

Role	Person
Account Executive	Adelle Harris
Account Specialist	Joseph Huntington
Line and Load Process Administrator	Anna Cosola/Brian Galbraith
Line and Load Program Lead	Martin Wick
Customer Service Engineer	Jared Lacambra
Transmission Planning Interconnection Coordinator	Debby Hammack
Transmission Infrastructure Development Planning Supervisor	Christina Lee
Transmission Planning Engineer	Akira Mendez-Sierra
Communications Planning Engineer	Prachthearat Ngoy
Environmental Specialist	Beth Belanger

From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Wed Dec 29 10:24:18 2021

To: Moore,Lisa A (BPA) - PSSE-MEAD-GOB

Subject: FW: Pend Oreille PUD - Ponderay Industries Facility Determination.pdf

Importance: Normal

Attachments: Pend Oreille PUD - Ponderay Industries Facility Determination ltr.pdf

Signed and dated.

From: April Owen <aowen@popud.org>
Sent: Wednesday, December 29, 2021 11:03 AM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Cc: Tyler Whitney <TWhitney@popud.org>
Subject: [EXTERNAL] RE: Pend Oreille PUD - Ponderay Industries Facility Determination.pdf

Hi Mike,

Here's a dated, signed letter. Have a great New Year!

Thanks,
April.

April Owen
Director, Audit, Finance & Power Supply

Public Utility District No. 1 of Pend Oreille County
P.O. Box 190 | 130 N. Washington | Newport, WA 99156

509.447.9321 | aowen@popud.org | www.popud.org

From: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>
Sent: Thursday, December 23, 2021 9:38 AM
To: April Owen <aowen@popud.org>
Subject: RE: Pend Oreille PUD - Ponderay Industries Facility Determination.pdf

CAUTION: This email originated from outside of the POPUD. Do not click links or open attachments unless you recognize the sender and know the content is safe.

April,

Can we get this signed and dated. You can pre-date it back to the 9th. Doesn't need to be today.

Thanks.

Mike

From: April Owen <aowen@popud.org>
Sent: Thursday, December 9, 2021 1:58 PM
To: Normandeau,Mike (BPA) - PSE-RONAN <mrnormandeau@bpa.gov>; Patton,Kathryn B (BPA) - PSS-SEATTLE <kbpatton@bpa.gov>
Cc: Tyler Whitney <TWhitney@popud.org>
Subject: [EXTERNAL] Pend Oreille PUD - Ponderay Industries Facility Determination.pdf

Mike and Kate,

Please find attached the Facility Determination letter for Ponderay Data.

Thanks for your patience!
April.

April Owen
Director, Audit, Finance & Power Supply

Public Utility District No. 1 of Pend Oreille County
P.O. Box 190 | 130 N. Washington | Newport, WA 99156
509.447.9321 | aowen@popud.org | www.popud.org

NTRQ2221 0001 - Whitney/Public Utility District No. 1 of Pend Oreille CountyPublic Utility District No. 1 of Pend Oreille County ("Pend Oreille") has reviewed Bonneville Power Administration ("BPA")'s preliminary Net Requirements determination for FY 2022. Please be advised that Pend Oreille's load forecast includes the addition of a large industrial customer, the start-up of which may be dependent on completion of studies through BPA-Transmission. While the full scope or impact of these studies is not yet known, BPA-T has indicated those studies may continue into the first several months of FY 2022.

NTRQ2221 0002 - Owen/Public Utility District No. 1 of Pend Oreille CountyPend Oreille PUD has received an updated load forecast from its potential industrial customer, Allrise Capital, Inc. The following reflects Allrise's updated load forecast for BPA FY22: • Beginning October 1, 2021 = 25 aMW • Beginning November 1, 2021 = 115 aMW • Beginning January 1, 2022 = 140 aMW • Beginning April 1, 2022 = 165 aMW Based on prior correspondence and communications with the customer, Pend Oreille PUD is assuming that the first 87 aMW of this customer's load will be dedicated to restarted operations at the former Ponderay Newsprint Company mill site, with the remainder of load being dedicated to cryptocurrency/data processing. As previously noted, Pend Oreille PUD has been informed by BPA Transmission that studies will likely be required before power can be delivered to the former Ponderay Newsprint mill site. While the full scope or impact of these studies is not yet known, BPA-T has indicated those studies may continue into the first several months of FY 2022.

From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Thu Jan 06 17:28:24 2022

To: Colin Willenbrock (cwillenbrock@popud.org); April Owen; Tyler Whitney

Cc: Patton,Kathryn B (BPA) - PSS-SEATTLE; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB; Moore,Lisa A (BPA) - PSSE-MEAD-GOB

Subject: RE: NLSL Monitoring Period Letter

Importance: Normal

Attachments: image001.jpg; image002.jpg; image003.jpg; image004.jpg; image005.jpg; image006.jpg; 13090 Pend Oreille Response NLSL Facility Determination Ltr w-o bcc 1-6-2022.pdf

Let's try this again. With the correct date.

Apologies.

Mike

From: Normandeau,Mike (BPA) - PSE-RONAN
Sent: Wednesday, December 29, 2021 10:43 AM
To: Colin Willenbrock (cwillenbrock@popud.org) <cwillenbrock@popud.org>; April Owen <aowen@popud.org>; Tyler Whitney <TWhitney@popud.org>
Cc: Patton,Kathryn B (BPA) - PSS-SEATTLE <kbpatton@bpa.gov>; Sami A (BPA) - PSSE-MEAD-GOB Babaidhan (sababaidhan@bpa.gov) <sababaidhan@bpa.gov>; Moore,Lisa A (BPA) - PSSE-MEAD-GOB <lamoore@bpa.gov>
Subject: NLSL Monitoring Period Letter
Importance: High

Good Morning Colin,

Attached is a letter acknowledging that BPA will begin monitoring the Ponderay Data, high-density data center load, beginning on January 1, 2022. BPA will begin the formal NLSL determination in early CY 2022. Because the load forecast is expected to be greater than 10aMWs during the 12-month monitoring period, BPA considers this a Planned NLSL and will offer a revised Exhibit D in early January.

The Exhibit D revision will include standard BPA contract language that recognizes the Planned NLSL, as well as new language specifying how liquidated damages are to be applied if the load does not meet the 10aMW threshold by the end of the monitoring period. BPA will also update the naming conventions for the existing NLSL, Ponderay Newsprint.

At this time, BPA is unable to identify a scenario for liquidated damages considering that the PUD is already purchasing the maximum amount of Contract High Water Mark as part of the PUD's PF-Block purchase for FY 2022. If the Ponderay Data load does not meet the 10aMW threshold for the monitoring period, than this load would be considered PF-eligible load in the future.

If you have any questions, please do not hesitate to contact me.

Happy New Year.

Mike

Michael R. Normandeau
Account Executive | PSE – Power Services
Bonneville Power Administration
bpa.gov | P 406-676-2669 | C (b)(6)

Department of Energy

Bonneville Power Administration
PO Box 640
Ronan, MT 59864

POWER SERVICES

December 29, 2021

In reply refer to: PSE-Ronan

Mr. F. Colin Willenbrock
General Manager
Pend Oreille County PUD No. 1
PO Box 190
Newport, WA, 99156-0190

Subject: Pend Oreille Request for Facility Determination

Dear Mr. Willenbrock:

Bonneville Power Administration (BPA) and Pend Oreille County PUD No. 1 (Pend Oreille) executed a Regional Dialogue Power Sales Agreement, Contract No. 09PB-13090 (Agreement). Bonneville has received on December 9, 2021, Pend Oreille's request for a New Large Single Load (NLSL) facility determination for Ponderay Data, LLC (Ponderay Data), a high-density data center load, located at the Ponderay Newsprint site in Usk, Washington. Under Section 23.3 of Pend Oreille's Agreement, BPA is to make a Facilities Determination for any load at a plant site that may become a NLSL under section 3(13) of the Northwest Power Act.

BPA and Pend Oreille expect the Ponderay Data load to begin commercial operation soon. As such, the monitoring period for the load will be 1/1/2022 – 12/31/2022. Pursuant to Section V.B. of the April 2001 BPA NLSL Policy, the Ponderay Data load is expected to become an NLSL during the site's monitoring period. Therefore, the load will be treated as a Planned NLSL. BPA will complete a facility determination while monitoring the load growth for Ponderay Data.

The newsprint mill (Ponderay Industries, LLC, formerly Ponderay Newsprint Company) is an existing NLSL and will continue to be defined as such separate from the Ponderay Data high-density server loads co-located at the site. If at any point Ponderay Industries, LLC, restarts the newsprint load, BPA will require separate metering for the purposes of monitoring the newsprint and high-density server loads independently.

BPA will rely on existing meter points 1629, 1630, 1632 and 1775 for the purpose of monitoring the Ponderay Data load as a Planned NLSL. During this period BPA will subtract 4.521 MWs of load that is Grandfathered PF-eligible load for the existing NLSL newsprint load. Any load greater than the Grandfathered PF-eligible load will be monitored from 1/1/2022 through 12/31/2022 to determine if the Ponderay Data load grows by more than 87,600,000 kWh during that time.

A bi-lateral revision to the Pend Oreille's Exhibit D updating section 1, CF/CT and New Large Single Loads, to incorporate standard template language and documenting the planned NLSL treatment of the Ponderay Data load will be forthcoming.

Please feel free to contact me at (406) 676-2669 or email me at mrnormandeau@bpa.gov if you have any questions.

Sincerely,

MICHAEL NORMANDEAU

Digitally signed by MICHAEL NORMANDEAU
Date: 2022.01.06 14:57:07 -07'00'

Michael R. Normandeau
Account Executive

cc: April Owen, Pend Oreille
Tyler Whitney, Pend Oreille

Date	January 7th, 2022	**Customer Name**	**Pend Oreille County PUD No. 1**
Time	11:00am to 12:00pm	**Project**	L0494 Ponderday Renewable Fiber and Blockchain Project and Kick off for LLIR 0511
Room	Telephone Conference		
Phone Bridge/Call-In #	(b)(2) [redacted]		

Attendees	**Pend Oreille County PUD No. 1**	**BPA**
	Colin Willenbrock	Adelle Harris, Account Executive
		Jared Lacambra (Host), Customer Service Engineer
	April Own	Martin Wick, L&L Lead
	Kevin Conway	Brian Galbraith, L&L Administrator
	Ty Whitney	Ayodele Idowu, C&C Planning
	Todd Behrand (Pend Ind)	Akira Mendez-Sierra, Planning
	Dana Zentz (Pend Ind)	Prachthearat Ngoy, C&C Planning Tay
	Steve Wood	Patrick Rochelle, Planning
		William (Walker) Stinnette, Environmental
		Kelly Bolan, Program Support
		Jacob Lewis, Customer Service Engineer

Interconnection System Impact Study Review Meeting Agenda

Topic	**SME**	**Notes**
Welcome / Introductions - All	N/A	L0494: Study complete no further action as long as load is PF .99 and only data center load. Resulting note are for L0511.
System Impact Study Report Review	Planner / C&C	No action on for L0494.
Identify Issues	Planning, Communications, Environment	
Discuss L0511 LLIR in lieu of separate kickoff meeting	Planning, Communications, Environment	Load number is section D. of interconnection include the 100 MW of load from L

		Break points: To be identified in Feasibility Study • Max load that can be added without upgrades. • Cost/Customer of upgrades for Total amount of requested load. •

Next Steps

Action	Owner	Due Date
BPA will tender a Feasibility Study	TPC/TPP	• $20k deposit • Feasibility agreement to follow • 45 days for study
BPA will tender a NEPA Agreement, if applicable		

Date	January 7th, 2022	**Customer Name**	**Pend Oreille County PUD No. 1**
Time	11:00am to 12:00pm	**Project**	L0494 Ponderday Renewable Fiber and Blockchain Project
Room	Telephone Conference		
Phone Bridge/Call-In #	(b)(2) [redacted]		

Attendees	**Pend Oreille County PUD No. 1**	**BPA**
	Colin Willenbrock	Adelle Harris, Account Executive
	~~David Hodder~~	Jared Lacambra (Host), Customer Service Engineer
	April Own	Martin Wick, L&L Lead
	Kevin Conway	Brian Galbraith, L&L Administrator
	Tyler Whitney	Ayodele Idowu, C&C Planning
	Todd Behrand (Pend Ind)	Akira Mendez-Sierra, Planning
	Dana Zentz (Pend Ind)	Prachthearat Ngoy (Tay), C&C Planning
	Steve Wood	Patrick Rochelle, Planning
		William (Walker) Stinnette, Environmental
		Jacob Lewis, Customer Service Engineer
		Kelly Bolan, Program Support

Interconnection System Impact Study Review Meeting Agenda

Topic	SME	Notes
Welcome / Introductions - All	N/A	
System Impact Study Report Review	Planner / C&C	• L0494: Study complete no further action as long as load is PF .99 and only data center load. • Customer accepts study results • L0494 deem completed
Identify Issues	Planning, Communications, Environment	
Discuss L0511 LLIR in lieu of separate kickoff	Planning, Communications,	*See Separate Kickoff Meeting Minutes for L0511

meeting	Environment	

Next Steps

Action	Owner	Due Date
BPA will tender a Facilities Study/Pre Engineering Agreement		N/A
BPA will tender a NEPA Agreement, if applicable		

Date	January 7th, 2022	**Customer Name**	**Pend Oreille County PUD No. 1**
Time	11:00am to 12:00pm	**Project**	L0511, Ponderay Renewable Fiber and Blockchain Center Expansion
Room	Phone Conference		
Phone Bridge/Call-In #	(b)(2)		

Attendees	**Pend Oreille County PUD No. 1**	**BPA**
	Colin Willenbrock	Adelle Harris, Account Executive
	April Own	Jared Lacambra (Host), Customer Service Engineer
	Kevin Conway	Martin Wick, L&L Lead
	Ty Whitney	Brian Galbraith, L&L Administrator
	Todd Behrand (Pend Ind)	Ayodele Idowu, C&C Planning
	Dana Zentz (Pend Ind)	Akira Mendez-Sierra, Planning
	Steve Wood	Prachthearat Ngoy (Tay), C&C Planning
		Patrick Rochelle, Planning
		William (Walker) Stinnette, Environmental
		Jacob Lewis, Customer Service Engineer
		Kelly Bolan, Program Support

Kickoff Meeting Agenda

Topic	**SME**	**Notes**
Welcome / Introductions - All	N/A	*Note continued discussion following L0494 completion • No action for L0494
Project Description	Customer	• Interconnection request similar as intended L0494 • Site subject to further expansion – data center
Identify Issues	BAA, Planning, Communications, Environment, Energization Date	• Load number is section D. of interconnection include the 100MW of load from L ??? • Break points: To be identified in Feasibility Study • Max load that can be added without upgrades. • Cost/Customer of upgrades for Total amount of requested load. • BAA – Avista ○ Customer to discuss if BPA appropriate for BAA Comments / Questions • Customer - Section C

		○ Site subject to further expansion – data center ○ 100MW useful / upward to 200MW ○ Verification for additional capacity ○ Lots of notes for BPA to consider in study • Customer - Section D ○ 200MW moving to 350MW – 2023 ○ 2024 – Dip in power factor due to space conditioning loads ○ Would like additional clarifications • Customer - How quickly can expand load without triggering upgrades? • Long term planning to include 494MW • Nature of this load – controllable by customer • Demand response load • Outage tolerance? ○ Yes – closer to real time • Source of reserves if need • Timing important to prepare investment plan • Customer willing to take curtailment Planning • Will identify one break point • After that all or none - increase to get capacity • Stick with 2 break amounts • Feasibility recommended Environmental • Are we providing additional load? • No further action CSE / All Please clarify above

Next Steps

Action	Due Date
BPA will tender a Feasibility Study Agreement	• $20k deposit • Feasibility agreement to follow • Once agreement executed and funds received, study begins • 45 days for study
BPA will tender a NEPA Study Agreement, if applicable	

From: Normandeau,Mike (BPA) - PSE-RONAN

Sent: Tue Jan 11 10:39:38 2022

To: Colin Willenbrock (cwillenbrock@popud.org); April Owen; Tyler Whitney

Cc: Moore,Lisa A (BPA) - PSSE-MEAD-GOB; Patton,Kathryn B (BPA) - PSS-SEATTLE; Babaidhan,Sami A (BPA) - PSSE-MEAD-GOB

Subject: (Action Requested) Pend Oreille's Exhibit D Revision 4

Importance: High

Attachments: 13090 Exh D R 4 merge with R 3.docx; 13090 Exh D R 4.pdf

Good Morning Colin,

Attached is an updated Exhibit D (Revision 4) and a redline version for your review and approval.

This revision:
(1) updates section 1, CF/CT and New Large Single Loads to incorporate standard template language;
(2) adds the Ponderay Data Center, LLC to section 1.4, Planned NLSLs;
(3) revises the Revisions clause in section 7; and
(4) revises the Signatures clause in section 8.

The revision will be back-dated to January 1 to coincide with the Ponderay Data Center 12-month measurement period. If you find this exhibit acceptable, please sign and date the exhibit and return it to me at your earliest convenience.

Please let me know if there are any questions or concerns.

Thanks.

Mike

Revision No. 4, Exhibit D
ADDITIONAL PRODUCTS AND SPECIAL PROVISIONS
January 1, 2022

This revision: (1) updates section 1, CF/CT and New Large Single Loads to incorporate standard template language; (2) adds the Ponderay Data Center, LLC to section 1.4, Planned NLSLs; (3) revises the Revisions clause in section 7; and (4) revises the Signatures clause in section 8.

1. CF/CT AND NEW LARGE SINGLE LOADS

1.1 Definitions

1.1.1 "Grandfathered Load" means, for purposes of this section 1 of Exhibit D, the cumulative total of the load growth at a facility of a Potential NLSL, a Planned NLSL, or a large load that is subject to monitoring for NLSL purposes which does not equal or exceed ten Average Megawatts in any consecutive 12-month monitoring period or periods.

1.1.2 "Planned NLSL" means the load at a facility that BPA and a customer have agreed, pursuant to the provisions of Section V.B. of the April 2001 Bonneville Power Administration New Large Single Load Policy, is expected to become an NLSL during the facility's next consecutive 12-month monitoring period.

1.1.3 "Potential NLSL" shall have the meaning as described in section 23.3.3.2 of the body of the Agreement.

1.2 CF/CT Loads

Pend Oreille has no loads identified that were contracted for, or committed to (CF/CT), as of September 1, 1979, as defined in section 3(13)(A) of the Northwest Power Act.

1.3 Potential NLSLs

Pend Oreille has no identified Potential NLSLs.

1.4 Planned NLSLs

Pend Oreille has one or more Planned NLSLs and elects to serve the Planned NLSLs listed below pursuant to section 23.3 and with resource amounts in Exhibit A that are not already used to serve any other portion of Pend Oreille's Total Retail Load. BPA shall list such Dedicated Resources and Consumer-Owned Resources in section 4 or section 7.4, respectively, of Exhibit A.

End–use consumer's name: Allrise Capital, Inc.
Facility name: Ponderay Data, LLC
Facility location: Usk, WA
12-month monitoring period: January 1 to December 31
Date load confirmed as a Planned NLSL: January 1, 2022
Approximate load: Not Applicable
Planned NLSL description: Data Center

1.5 **NLSLs**

Pend Oreille has one or more NLSLs and elects to serve the NLSLs listed below pursuant to section 23.3 of the body of this Agreement and with resource amounts in Exhibit A that are not already used to serve any other portion of Pend Oreille's Total Retail Load. BPA shall list such Dedicated Resources and Consumer-Owned Resources in section 4 or section 7.4, respectively, of Exhibit A.

End–use consumer name: Allrise Capital, Inc.
Facility name: Ponderay Industries, LLC, (Formerly Ponderay Newsprint Company)
Facility location: Usk, Washington
Date load determined as an NLSL: January 13, 1990
Approximate load: 58 annual Average Megawatts
Description of NLSL: Fiber mill
Manner of service:

(1) Pend Oreille shall serve a portion of the Ponderay Industries NLSL with the following Dedicated Resources amounts, as listed in section 4 of Exhibit A, Net Requirements and Resources: Boundary and Box Canyon Dams.

(2) As long as Pend Oreille continuously applies the Boundary and Box Canyon Dam Resources to its Ponderay Industries NLSL, BPA agrees to serve the non-NLSL load of the facility with power sold to Pend Oreille at a PF power rate.

(3) In the event the Ponderay Industries NLSL exceeds the total output of the combined Boundary and Box Canyon Dam resources listed in section 4 of Exhibit A, Pend Oreille shall meet the remaining Ponderay Industries NLSL load from its own resources or purchases.

1.5.2 **Renewable Resource/Cogeneration Exception**

Pend Oreille's end-use consumer is not currently applying an onsite renewable resource or cogeneration facility to an NLSL.

1.6 **Load Status at the End of the Consecutive 12-Month Monitoring Period**

Under section 23.3.1 of the body of this Agreement, at the end of each consecutive 12-month monitoring period of a facility's load, BPA will determine if the metered load at a facility has grown by ten Average Megawatts or more during the preceding consecutive 12-month monitoring period.

If the load has grown by ten Average Megawatts or more in the preceding consecutive 12-month monitoring period, then the load is an NLSL, and BPA shall notify Pend Oreille of the NLSL designation and shall update this section 1. Any future increases in the load shall be part of the NLSL.

If the load has grown by less than ten Average Megawatts in the preceding consecutive 12-month monitoring period, then BPA shall notify Pend Oreille that the load remains a Potential NLSL or Planned NLSL, and BPA will continue to monitor the load growth in the subsequent consecutive 12-month monitoring period. BPA shall also determine if liquidated damages are applicable pursuant to section 1.9 below. BPA shall update section 1.7 below to add or revise the amount of Grandfathered Load to include the amount that the load increased during the preceding consecutive 12-month monitoring period.

1.7 **Grandfathered Load for Potential NLSLs, Planned NLSLs, and NLSLs**

Any Grandfathered Load will be included in the calculation of Pend Oreille's Firm Requirements Power eligible for service at BPA's PF rates.

BPA shall list any Potential NLSLs, Planned NLSLs and NLSLs with Grandfathered Load in the table below. Upon BPA's determination that a monitored load is an NLSL, all measured amounts of load of such NLSL that exceed the listed Grandfathered Load amount shall be Pend Oreille's NLSL and will be served in accordance with section 23.3 of the body of this Agreement and this section 1 of Exhibit D.

Grandfathered Load			
Facility Name	**Status of NLSL**	**Energy**	**Peak**
Ponderay Data, LLC	Planned NLSL	N/A	N/A
Ponderay Industries, LLC (Formerly Newsprint Company)	NLSL	4.521 aMW	4.521 MW

1.8 Additional Requirements for Planned NLSLs and NLSLs

1.8.1 Submittal of Initial Forecast

By June 30 of each year, unless another date is agreed to by the Parties, Pend Oreille shall provide BPA with forecasted energy amounts for each Diurnal period and peak amounts for each month to serve any Planned NLSLs and NLSLs for the upcoming Fiscal Year. BPA shall use Pend Oreille's initial forecast to determine the Dedicated Resource amounts required to serve the Planned NLSLs and NLSLs. However, if BPA determines Pend Oreille's initial forecast to be unreasonable, then BPA may replace Pend Oreille's initial forecast with a final forecast that BPA develops. If Pend Oreille is serving any Planned NLSLs or NLSLs with Dedicated Resource amounts, then BPA shall revise section 4 of Exhibit A to capture such amounts by September 15 of each year.

1.9 Liquidated Damages for Planned NLSLs

This section 1.9 will not apply if Pend Oreille's Net Requirement is greater than its applicable RHWM for the Fiscal Year(s) coinciding with a consecutive 12-month monitoring period. In addition, consistent with the Existing Resource removal terms and conditions of section 10.5 of the body of the Agreement, this section 1.9 will not apply to any Fiscal Year coinciding with a consecutive 12-month monitoring period when Pend Oreille's applicable Net Requirement does not change with the inclusion of the resource dedicated to serve the applicable Planned NLSL.

If BPA determines that a Planned NLSL has grown by less than ten Average Megawatts in the consecutive 12-month monitoring period just completed, then BPA shall charge and Pend Oreille shall pay BPA the annual liquidated damages charge calculated by BPA as follows:

1.9.1 Load Subject to Liquidated Damages

To calculate the load subject to liquidated damages, BPA will multiply the applicable load by the RHWM Ratio. The applicable load is defined as the metered load at the Planned NLSL(s) during the 12-month monitoring period minus any Grandfathered Load(s). The RHWM Ratio is defined as the lesser of: (1) the difference of the average of the applicable RHWM(s) during the 12-month monitoring period and the average of the applicable Annual Net Requirement(s) during the 12-month monitoring period divided by the Applicable Load or (2) one. The load calculation described in this section 1.9.1 is expressed in the following formula:

$$Applicable\ Load \times RHWM\ Ratio = LD\ Load$$

Where:

Applicable Load = the metered load at the Planned NLSL(s) – any Grandfathered load(s)

RHWM Ratio =

$$Min\left(\frac{Average\ of\ RHWM(s) - Average\ of\ Net\ Requirement(s)}{Applicable\ Load}, 1.0\right)$$

LD Load = load subject to liquidated damages

1.9.2 **Annual Liquated Damages Charge**
The annual liquated damages charge shall be the greater of $0 or the product of the load calculated in section 1.9.1 above and the difference between the average of the weighted average Powerdex Mid-Columbia Hourly Index prices for the applicable 12-month monitoring period and the weighted average of the applicable 12-month monitoring period Priority Firm Power Tier 1 Equivalent rate. The annual liquidated damages charge calculation described in this section 1.9.2 is expressed in the following formula:

$$Max\ (\$0, LD\ Load\ \times (Average\ Market - Average\ Priority\ Firm))$$

Where:

LD Load = load calculated in section 1.9.1 above

Average Market = the average of the weighted average Powerdex Mid-Columbia Hourly Index prices for the applicable monitoring period

Average Priority Firm = weighted average of the applicable 12-month monitoring period Priority Firm Power Tier 1 Equivalent rate

The Priority Firm Power Tier 1 Equivalent rate is subject to adjustment during the Rate Period in accordance with the Power Rate Schedules and General Rate Schedule Provisions. If the applicable Priority Firm Power Tier 1 Equivalent rate is adjusted, then BPA will use such applicable adjusted rate.

2. RESOURCE SUPPORT SERVICES

RSS is only available to Pend Oreille to support renewable resources that are added after September 30, 2006 and are Specified Resources used to serve Total Retail Load. Pend Oreille's purchase of RSS shall include those support services necessary and consistent with Pend Oreille's Block purchase to convert the actual scheduled output from the resource being supported into a flat annual block.

2.1 BPA shall develop the RSS products to support applicable Specified Resources listed in section 2 of Exhibit A for the FY 2012 through FY 2014 Purchase Period and offer such as a revision to this exhibit by August 1, 2009 and by August 1 prior to each Notice Deadline thereafter. Prior to that date, BPA shall provide Pend Oreille a reasonable opportunity to provide input into the

development of the products and the related contract provisions. By the November 1, 2009 Notice Deadline and each Notice Deadline thereafter, Pend Oreille shall notify BPA in writing of any RSS products it elects to buy from BPA under the terms of this Agreement and shall identify the applicable resource(s), for which it shall purchase the RSS product(s) for the upcoming Purchase Period. Such election shall be a binding commitment of both Parties. If Pend Oreille makes such election, the Parties shall revise this exhibit so that it incorporates the agreed changes to applicable provisions, including the applicable resource amounts, if known, by March 31, 2010 or by March 31 of the year following the Notice Deadline for future years. By September 30 of the last Rate Case Year prior to the first Rate Period when service begins, and by each applicable September 30 thereafter in accordance with the applicable incorporated contract language, BPA shall update the relevant tables included in the incorporated contract language with the applicable charges and any necessary updates to resource amounts.

2.2 If Pend Oreille adds a new Specified Resource within a Purchase Period to meet its obligations to serve Above-RHWM Load with Dedicated Resources, consistent with section 3.5.1 of the body of this Agreement, Pend Oreille may purchase DFS or FORS to support such resource. Pend Oreille shall request a copy of the then-current DFS or FORS standard contract provisions from BPA and shall notify BPA in writing by October 31 of a Rate Case Year that it elects to purchase DFS or FORS for the new Specified Resource under the terms stated in the then-current contract provisions and the terms of this section 2.2. Such election shall be a binding commitment of both Parties. The elected DFS or FORS will be effective at the start of the upcoming Rate Period. The duration of such purchase shall be for the remainder of the Purchase Period and for the following Purchase Period. If Pend Oreille makes such election, the Parties shall revise this exhibit by March 31 of the calendar year after Pend Oreille has given notice of its election. Such revision shall incorporate the agreed changes to applicable provisions, including the applicable resource amounts, if known. By September 30 of the last Rate Case Year prior to the first Rate Period when service begins, and by each applicable September 30 thereafter, in accordance with the applicable incorporated contract language, BPA shall update the relevant tables included in the incorporated contract language with the applicable charges and any necessary updates to resource amounts.

3. LIMITATIONS ON EXCHANGE OF EXISTING RESOURCES

3.1 **Option on Full ASC Participation and Alternative Contract**
BPA's 2008 Average System Cost (ASC) Methodology limits the loads and resource costs included in ASCs for consumer-owned utilities that sign a CHWM Contract. The TRM establishes a Tier 1 PF Exchange Rate for such consumer-owned utilities. Pursuant to section 12.2 of the body of this Agreement and section 20 of the Residential Purchase and Sale Agreement (RPSA), Pend Oreille is contractually precluded from seeking or receiving Residential Exchange Program (REP) benefits based on an ASC other than as

provided for in Section IV(G) of the 2008 ASC Methodology or its successor.

BPA and Pend Oreille understand and acknowledge that this is the first time BPA has attempted to implement an REP with two different ASC cost structures and two differing levels of benefits, and that as a consequence, the implementation of the REP may be revised over time. Because of the contractual preclusions in the paragraph above and because a limited number of consumer-owned utilities with CHWM Contracts may participate in the REP, the intent of this section 3 is to provide limited protection to such consumer-owned utilities from future changes in the REP.

Any impact to Pend Oreille's access to REP benefits, pursuant to section 5(c) of the Northwest Power Act, as a result of an action taken by BPA as required by a statutory change or final judicial action shall not be considered an Action as provided in section 3.2 below, shall not be subject to the criteria provided in section 3.3 below, and shall not make available the option provided in section 3.4 below.

Absent the exercise by Pend Oreille of the option set forth in section 3.4 below, nothing in this section 3 is intended to alter the application of any provision of the ASC Methodology.

3.2 **Actions**

If BPA takes any of the following Actions and such Actions meet the criteria specified in section 3.3, then Pend Oreille may elect the option set forth in section 3.4 below.

Action 1. BPA adopts, in a final record of decision issued in a section 7(i) proceeding for a Rate Period, a Base Tier 1 PF Exchange Rate for customers with CHWM Contracts which is calculated in a manner that differs from the following:

$$\text{Base T1 PF Exchange Rate} = \frac{(\text{PFCosts} - \text{PFCredits}) - (\text{T2Costs} - \text{T2Credits})}{\text{PFLoad} - \text{T2Load}} + \text{TmnAddr}$$

Where:

Base T1 PF Exchange Rate is the Base Tier 1 PF Exchange rate prior to the final allocation of any rate protection costs arising from the section 7(b)(2) rate test, as determined in each 7(i) Process.

PFCosts are all costs allocated in a 7(i) Process to the Priority Firm rates when the Base PF Exchange rate is calculated (also known as the unbifurcated PF rate) and prior to any reflection of the tiering of the PF Preference rate.

PFCredits are all credits allocated in a 7(i) Process to the Priority Firm rates when the Base PF Exchange rate is calculated (also known as

the unbifurcated PF rate) and prior to any reflection of the tiering of the PF Preference rate.

T2Costs are all costs allocated in a 7(i) Process to Tier 2 Cost Pools.

T2Credits are all credits allocated in a 7(i) Process to Tier 2 Cost Pools.

PFLoad is the BPA forecast of load used to determine the unbifurcated PF rate in a 7(i) Process.

T2Load is the BPA forecast of load used to determine Tier 2 Rates in a 7(i) Process.

TmnAddr is the same unit charge for transmission added to the Base PF Exchange rate.

The Tier 1 PF Exchange rate used to calculate Pend Oreille's REP benefits is the Base Tier 1 PF Exchange rate as modified by any Supplemental 7(b)(3) Rate Charge, as determined in each 7(i) Process and may be adjusted pursuant to the Supplemental 7(b)(3) Rate Charge Adjustment, any cost recovery adjustment clause, and any dividend distribution clause, as determined to be applicable to the Tier 1 PF Exchange rate in a 7(i) Process.

Action 2. BPA adopts, in a final record of decision, policy or interpretation, a method of calculating Pend Oreille's ASC for a Fiscal Year(s) of an Exchange Period pursuant to BPA's 2008 ASC Methodology or its successor that differs from the following formula:

$$\text{RHWM ASC} = \frac{\text{Contract System Cost} - \text{NewRes\$}}{\text{Contract System Load} - \text{NewResMWh}}$$

Where:

RHWM ASC is the ASC for Pend Oreille for an Exchange Period, as defined by BPA's 2008 ASC Methodology.

Contract System Cost is as defined in BPA's 2008 ASC Methodology.

NewRes$ is the forecast cost of resources (including purchased power contracts) used under this Agreement to serve Pend Oreille's Above-RHWM Load. Such resources are exclusive of Pend Oreille's Existing Resources for CHWMs as specified in Attachment C, Column D, of the TRM, and exclusive of purchases of power at Tier 1 Rates from BPA. The costs included in NewRes$ will be determined using a methodology similar to Appendix 1 Endnote d of BPA's 2008 ASC Methodology.

Contract System Load is as defined in BPA's 2008 ASC Methodology.

NewResMWh is the forecast generation from resources (including purchased power contracts) used under this agreement to serve Pend Oreille's Above-RHWM Load. Such resources are exclusive of Pend Oreille's Existing Resources for CHWMs specified in Attachment C, Column D, of the TRM, and exclusive of purchases of power at Tier 1 Rates from BPA.

Action 3. BPA offers Pend Oreille an RPSA with an Exchange Load used to calculate Pend Oreille's REP benefits payments that differs from the following formula, or interprets such RPSA in a manner that differs from the following formula:

Actual RHWM Exchange Load = RRL × T1Pctg

Where:

Actual RHWM Exchange Load is the monthly residential and small farm load of Pend Oreille used to calculate the actual monthly REP payments to Pend Oreille as specified in the RPSA.

RRL is Pend Oreille's actual total qualifying residential and small farm retail load for a month as specified in the RPSA.

$$T1Pctg = \frac{T1MWh + ExistResMWh}{TRL - NLSL}$$

Where:

T1Pctg is BPA's forecast percentage of Pend Oreille's load that is expected to be served by purchases of power at Tier 1 Rates from BPA and from Pend Oreille's Existing Resources for CHWM, and will be computed for each Fiscal Year of the applicable Rate Period. Such computation will be performed in the applicable RHWM Process for the Rate Period.

T1MWh is the amount of power at Tier 1 Rates BPA forecasts to be purchased by Pend Oreille from BPA in each Fiscal Year of a Rate Period as forecast in each RHWM Process for a Rate Period.

ExistResMWh is the specified output of Pend Oreille's Existing Resources for CHWM, as specified in Attachment C, Column D, of the TRM.

TRL is BPA's forecast of Pend Oreille's Total Retail Load in each Fiscal Year of a Rate Period as forecast in each RHWM Process for a Rate Period.

NLSL is BPA's forecast of Pend Oreille's New Large Single Loads in each Fiscal Year of a Rate Period as forecast in each RHWM Process for a Rate Period.

Action 4. BPA adopts a final record of decision, policy or interpretation that changes the terms of the TRM or the 2008 ASC Methodology applicable to REP participants with CHWM Contracts and such change is not encompassed in Actions 1-3, and such change meets the criteria in section 3.3 for application of the option in section 3.4.

3.3 **Criteria**

The option set forth in section 3.4 below is available to Pend Oreille if BPA has taken any of the Actions 1-4 set forth in section 3.2 and the Actions taken, when considered in combination with all BPA actions being undertaken at that time, result in a material reduction in the REP benefits of the class of REP participants with CHWM Contracts. A reduction shall not be "material" for purposes of this section 3.3 if such Action(s), when considered in combination with all BPA actions being undertaken at that time, are applied to the provisions applicable to all REP participants and produce the same or comparable effects on all REP participants, even if such Action(s) results in an otherwise material reduction in the REP benefits of the class of REP participants with CHWM Contracts.

3.4 **Option**

If Pend Oreille believes that BPA has taken any of the Actions 1 through 4 set forth in section 3.2 that satisfies the criteria for this option as set forth in section 3.3, and if BPA has provided a public comment process as part of BPA's decision process (for the relevant Action of Actions 1 through 4 set forth in section 3.2) in which Pend Oreille has commented that BPA was proposing or about to take such Action, then Pend Oreille, within 30 calendar days of BPA taking such alleged Action(s), may provide written notice to BPA in accordance with section 20 of this Agreement requesting an alternative power sales contract without a CHWM. Upon receipt of such written notice,

BPA shall review the request and, within 60 calendar days, issue a written statement regarding whether the criteria of section 3.3 have been satisfied.

3.4.1 If BPA believes the criteria of section 3.3 have not been satisfied, the dispute shall be resolved through the dispute resolution provisions in section 22 of this Agreement, provided, however, that the sole function of arbitration shall be to determine whether the criteria of section 3.3 have been satisfied, not the exclusive remedy of money damages set forth in section 22.4 of this Agreement. If the dispute resolution results in a final determination that the criteria of section 3.3 have been satisfied, BPA shall have 90 calendar days from the date of such final determination to take curative action to restore the

REP benefits of the class of REP participants with CHWM Contracts to the level that would have existed had BPA not taken the Action(s) that resulted in the criteria of section 3.3 being satisfied; provided, however, that if BPA elects not to take such curative action within such 90 day period, BPA shall have 180 calendar days after the date of such determination to offer to Pend Oreille an alternative power sales contract without a CHWM.

3.4.2 If BPA determines that the criteria of section 3.3 have been satisfied, BPA shall have 90 calendar days from the date of such determination to take curative action to restore the REP benefits of the class of REP participants with CHWM Contracts to the level that would have existed had BPA not taken the Action(s) that resulted in the criteria of section 3.3 being satisfied; provided, however, that if BPA elects not to take such curative action, it shall have 180 calendar days after the date of such determination to offer to Pend Oreille an alternative power sales contract without a CHWM.

3.4.3 Such alternative power sales contract shall be for the same purchase obligation in section 3 of this Agreement that is in effect at the time the notice under this section 3.4 is provided to BPA. Pend Oreille acknowledges that the terms and conditions of such alternative power sales contract may vary from those contained in the CHWM Contract.

3.4.4 Pend Oreille shall notify BPA in accordance with section 20 no later than 60 calendar days after the date of its receipt of such alternative power sales contract whether it will terminate its CHWM Contract and execute such alternative power sales contract, or retain its CHWM Contract. If Pend Oreille fails to notify BPA within the 60-day period of its decision regarding its CHWM Contract, BPA's offer of the alternative power sales contract without a CHWM shall be withdrawn as of the 61st day and Pend Oreille will be conclusively presumed to have elected to retain its CHWM Contract.

3.4.5 If Pend Oreille provides BPA timely notice of its election to terminate its CHWM Contract and executes the alternative power sales contract, service under such alternative power sales contract shall not commence until the beginning of the Rate Period immediately following the Rate Period in which the alternative power sales contract is executed. Termination of Pend Oreille's CHWM Contract shall be effective at commencement of service under the alternative power sales contract.

4. BILLING ADJUSTMENTS FOR PEND OREILLE'S REDUCED NET REQUIREMENT FOR FISCAL YEAR 2013

In Revision No. 5 to Exhibit A of this Agreement, Pend Oreille's FY 2013 Net

Requirement was reduced mid-Fiscal Year to reflect its purchase of the Kalispel Tribe's portion of Box Canyon Dam for calendar year 2013. The reduction in Pend Oreille's FY 2013 Net Requirement has an effect on Pend Oreille's Non-Slice TOCA percentage for FY 2013.

BPA's 2012 General Rate Schedule Provisions (FY 2012-2013) do not make mid-Fiscal Year TOCA adjustments. As a result, BPA has undercharged Pend Oreille for power related charges for FY 2013.

Pend Oreille agrees that it shall pay BPA for the undercharged amount of $10,340. BPA shall include the adjustment on Pend Oreille's bill the first month after the execution of this revision.

FY2013 Tier 1 Charges	Dollar Difference
Composite Charge Block	($60,444)
Non-Slice Charge Block	$12,036
HLH Load Shaping	$40,357
LLH Load Shaping	$18,391
TOTAL	$10,340

5. PEND OREILLE EXCESS ENERGY

If at any time BPA's deliveries of Firm Requirements Power exceed Pend Oreille's Total Retail Load ("Excess Energy"), then Pend Oreille shall make and maintain one or more agreements with an entity to store, exchange, and return the Excess Energy to Pend Oreille for later use to serve its Total Retail Load. Any such agreements by Pend Oreille shall be subject to the limitations set forth in section 23.5 regarding the disposition of Firm Requirements Power.

At BPA's request, Pend Oreille shall provide BPA an accounting at the end of each month of any Excess Energy stored and when such amounts were (or will be) returned to serve Pend Oreille's Total Retail Load.

6. PARTICIPATION IN ENERGY NORTHWEST'S AGGREGATED DEMAND RESPONSE PILOT PROJECT

Pursuant to the Aggregated Demand Response Pilot Project Agreement between BPA and Energy Northwest, an industrial customer in Pend Oreille's service territory is participating in an Aggregated Demand Response Pilot Project with Energy Northwest (ENW Pilot Project). The industrial customer and Energy Northwest have entered into a separate Aggregated Demand Response Pilot Project contract (Contract No. 14PM-12305) for the period April 1, 2015 through January 31, 2016, as may be extended per the terms of such contract, that states the terms and conditions of participation. Pend Oreille acknowledges that the industrial customer's participation in the ENW Pilot Project may cause short term reductions and subsequent increases to Pend Oreille's Total Retail Load that is served by BPA under the terms and conditions of this Agreement. All of Pend Oreille's obligations under this Agreement shall continue to apply while Pend Oreille's industrial customer is participating in the ENW Pilot Project. Pend Oreille acknowledges that

its industrial customer's participation in the ENW Pilot Project may have long-term impacts on Pend Oreille's Total Retail Load and load forecasting, and BPA shall not, under any circumstance, adjust any of Pend Oreille's current or future load forecasts or associated calculations to compensate for its industrial customer's participation in the ENW Pilot Project.

7. REVISIONS

Except for revisions to section 1, CF/CT and New Large Single Loads for determinations made by BPA under section 23.3 of the body of the Agreement and section 1 of this Exhibit D, this exhibit shall be revised by mutual agreement of the Parties to reflect additional products Pend Oreille purchases during the term of this Agreement.

8. SIGNATURES

This revision may be executed in several counterparts, all of which taken together will constitute one single agreement, and may be executed by electronic signature and delivered electronically. The Parties have executed this revision as of the last date indicated below.

PEND OREILLE COUNTY PUD NO. 1		UNITED STATES OF AMERICA Department of Energy Bonneville Power Administration	
By	_____	By	_____
Name	_____ *(Print/Type)*	Name	Michael R. Normandeau *(Print/Type)*
Title	_____	Title	Account Executive
Date	_____	Date	_____

(PSE-W:\POWER\CONTRACT\CUSTOMER\PEND_OR_PUD\13090\13090 Exh D R4.docx) 01/07/22