



Department of Energy

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

FREEDOM OF INFORMATION ACT/PRIVACY PROGRAM

March 5, 2021

In reply refer to: FOIA #BPA-2020-01077-F

Michael Copley
S&P Global
3149 Holloway Road
Falls Church, VA 22042
Email: michael.copley@spglobal.com

Dear Mr. Copley,

This communication is a first partial response to your records request submitted to the Bonneville Power Administration (BPA), and made via the Freedom of Information Act, 5 U.S.C. § 552 (FOIA). Your request was received on August 26, 2020, and formally acknowledged on September 11, 2020.

Request

“...meeting notes, emails and any other written correspondence, related to realized and unrealized financial gains or losses in August 2020 from energy trading activities.”

First Partial Response

BPA searched for and gathered records responsive to your FOIA request from the agency’s Technical Accounting Group, including Outlook and QPMC database systems searches. In compliance with the FOIA and in an effort to both accommodate the required review of the entirety of the responsive records, and to provide those records expediently, within the limitations of available agency resources, BPA is releasing responsive records to you in partial installments. A first partial release of 153 pages of responsive records accompanies this communication. Of those 153 pages, 104 pages are being released in full; 27 pages are being released with redactions applied under 5 U.S.C. § 552(b)(2) (Exemption 2); 19 pages are being released with redactions applied under 5 U.S.C. § 552(b)(5) (Exemption 5); and 3 pages are being released with redactions applied under 5 U.S.C. § 552(b)(6) (Exemption 6). A detailed explanation of the applied exemptions follows.

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 agency financial accounts information, IP addresses, and internal BPA portal links.

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 protected 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 certain internal agency employee communications and information contained in a presentation. BPA has considered and declined a discretionary release of some pre-decisional and deliberative information in the responsive records set because disclosure of those records would harm the interests protected and 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, personal cell phone numbers are redacted. This information sheds no light on the executive functions of the agency and BPA finds no overriding public interest in its release. BPA cannot waive these 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.

Fees

There are no fees associated with processing your FOIA request.

Certification

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

Ongoing Processing

BPA continues to review and process the remaining responsive records collected in response to your FOIA request. Those records contain information belonging to third parties. Prior to publicly releasing those agency records, BPA is required by 5 U.S.C. § 552(b)(4) (Exemption 4) to solicit objections to the release of any third party's confidential commercial information contained in the responsive records—specifically, here, information belonging to ADM Investor Services, Inc. (ADM). BPA had made that outreach to ADM. BPA will make an Exemption 4 determination on any objections received from ADM.

Please know that for an undetermined period, related to the agency's response to the COVID-19 pandemic, BPA personnel are operating within a remote working directive. FOIA request processing is thereby slowed. BPA remains committed to meeting its FOIA obligations to you and to all its many FOIA requesters. In light of the above conditions and determinations BPA currently estimates the completion of a response to your FOIA request by April 30, 2021. BPA invites you to contact us to narrow the scope of your request or to discuss this estimated completion date.

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 the FOIA Public Liaison Jason Taylor at jetaylor@bpa.gov or 503-230-3537. Questions may also be directed to Thanh Knudson, Flux Resources, LLP at etknudson@bpa.gov or 503-230-5221.

Sincerely,



Candice D. Palen, Freedom of Information/Privacy Act Officer
Responsive agency information accompanies this communication.

connections by IP, then no changes will be required by you.

If you do restrict access to external connections by IP, then you will need to whitelist the additional IP shown above (ADD

Additional IP: (b) (2)

You will need to allow both IP's. ADMIS encourages you to use Telnet to test connectivity to the new additional IP.

If you have problems connecting to the new IP, please contact ADMIS Support Desk at supportdesk@admis.com

**The additional IP (b) (2) s being added to our SFTP hosting service on Saturday September 12th. **

Thank you,

Matt

&n **Matt King**

bsp Vice President Trading Services

; ADM Investor Services Inc.

141 W. Jackson Blvd

Suite 2100A

Chicago, IL 60604

t +1.312.242.7262

admis.com

From: Palandri,Anthony (BPA) - CBC-7

Sent: Fri Aug 14 15:45:29 2020

To: Cooper,Suzanne B (BPA) - PT-5; Johnson,Tim A (BPA) - LP-7; McDonald,Thomas A (BPA) - C-7; Coseo,Nadine M (BPA) - F-2

Cc: Dunning,Christopher G (BPA) - F-2; Freudenthal,Michael J (BPA) - CN-7; Cocks,Michael D (BPA) - PTM-5; DeForest,Lon C (BPA) - PTM-5; Dernovsek,David K (BPA) - PTF-5; Federovitch,Eric C (BPA) - PTM-5; Germer,Matthew J (BPA) - PTM-5; Harris,Marcus A (BPA) - FA-2; Henderson,Michael R (BPA) - CBC-7; Hansen,Hanh M (BPA) - FRT-2; Le,Nga (Dan) (MFE)(BPA) - PTF-5; Miller,Mark E (MFE) (BPA) - PTL-5; Schaeffer,Virginia K (BPA) - LG-7; Spain,Alex J (MFE)(BPA) - PTF-5; Westman,Erik D (BPA) - CBE-7; Josephson,Ryan D (BPA) - FTO-2; Gaube,Stephen J (BPA) - PTF-5; Annamalai,Maler V (BPA) - PGPO-5; Allen,Adrian S (BPA) - PTL-5; Heim,Darren L (BPA) - PTL-5; Weinstein,Jason C (BPA) - PSS-6; Tran,Tu T (BPA) - CBC-7; Shea,Jessica C (BPA) - CBE-7; Upham,Kimberly A (BPA) - PSS-6; French,Jeffrey D (BPA) - CBC-7; Davidson,Bradley G (MFE)(BPA) - PTF-5; Mills,Justin Z (MFE)(BPA) - PTF-5; Cook,Joel D (BPA) - P-6; Agre,Benjamin M (BPA) - FRT-2; Pompel,Marie A (BPA) - PTM-5; Deuber,Thomas S (BPA) - PTM-5; Naef,Amber L (BPA) - FRT-2; Bleiler,Damen C (BPA) - FTL-2; Petty,Robert J (BPA) - PGP-5; Miller,Todd E (BPA) - LP-7; Egerdahl,Ryan J (BPA) - PGPR-5; Postrel,Ethan D (BPA) - FRT-2; Jain,Neel R (CONTR) - CBC-7; Rodrigues,Melissa Y (BPA) - CBC-7; Ludwig,Stephanie L (MFE)(BPA) - PGSP-5

Subject: Daily Risk Report 08-14-2020

Importance: Normal

Attachments: image001.png

Daily Risk Report Link:

[Today's Daily Risk Report](#)

Note: This email and/or the attached files are **not to be distributed** or forwarded to anyone who is not on the approved distribution list.

From: Postrel,Ethan D (BPA) - FRT-2

Sent: Tue Aug 18 09:02:52 2020

To: Agre,Benjamin M (BPA) - FRT-2

Subject: RE: [EXTERNAL] RE: Quick call

Importance: Normal

Attachments: image001.png

(b) (6)

From: Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov>

Sent: Tuesday, August 18, 2020 8:04 AM

To: Heim,Darren L (BPA) - PTL-5 <dlheim@bpa.gov>; Sotelo, David <David.Sotelo@admis.com>; Postrel,Ethan D (BPA) - FRT-2 <edpostrel@bpa.gov>

Cc: Tran,Tu T (BPA) - CBC-7 <tttran@bpa.gov>; Palandri,Anthony (BPA) - CBC-7 <axpalandri@bpa.gov>; Asmussen,Aundra E (BPA) - NST-4 <aeasmussen@bpa.gov>; Naef,Amber L (BPA) - FRT-2 <alnaef@bpa.gov>; Carson,Emma L (BPA) - PEH-6 <elcarson@bpa.gov>

Subject: RE: [EXTERNAL] RE: Quick call

David,

Please include Ben Ager, Darren Heim, and Amber Naef. I am not sure if Tony is able to join.

Thank you,

Ben Agre

Pronouns (he, him, his)

Accountant

Technical Accounting Group (FRT)

Bonneville Power Administration

Phone: (503) 230-4952 | Email: bmagre@bpa.gov

From: Heim,Darren L (BPA) - PTL-5 <dlheim@bpa.gov>

Sent: Tuesday, August 18, 2020 8:03 AM

To: Sotelo, David <David.Sotelo@admis.com>; Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov>; Postrel,Ethan D (BPA) - FRT-2 <edpostrel@bpa.gov>

Cc: Tran,Tu T (BPA) - CBC-7 <tttran@bpa.gov>; Palandri,Anthony (BPA) - CBC-7 <axpalandri@bpa.gov>; Asmussen,Aundra E (BPA) - NST-4 <aeasmussen@bpa.gov>; Naef,Amber L (BPA) - FRT-2 <alnaef@bpa.gov>; Carson,Emma L (BPA) - PEH-6 <elcarson@bpa.gov>

Subject: RE: [EXTERNAL] RE: Quick call

I can do 9am PST also

From: Sotelo, David [<mailto:David.Sotelo@admis.com>]

Sent: Tuesday, August 18, 2020 8:01 AM

To: Agre,Benjamin M (BPA) - FRT-2; Postrel,Ethan D (BPA) - FRT-2

Cc: Tran,Tu T (BPA) - CBC-7; Palandri,Anthony (BPA) - CBC-7; Asmussen,Aundra E (BPA) - NST-4; Heim,Darren L (BPA) - PTL-5; Naef,Amber L (BPA) - FRT-2; Carson,Emma L (BPA) - PEH-6

Subject: [EXTERNAL] RE: [EXTERNAL] RE: Quick call

Hi Ben,

9 am PST works and I will send a MS teams meeting to you or please advise the persons on your side I should send.

ADMIS will be Chris Damilatis SVP of NY office and myself Head of the Houston office.

Thanks

David

From: Agre,Benjamin M (BPA) - FRT-2 [<mailto:bmagre@bpa.gov>]

Sent: Tuesday, August 18, 2020 9:59 AM

To: Sotelo, David <David.Sotelo@admis.com>; Postrel,Ethan D (BPA) - FRT-2 <edpostrel@bpa.gov>

Cc: Tran,Tu T (BPA) - CBC-7 <tttran@bpa.gov>; Palandri,Anthony (BPA) - CBC-7 <axpalandri@bpa.gov>; Asmussen,Aundra E (BPA) - NST-4 <aeasmussen@bpa.gov>; Heim,Darren L (BPA) - PTL-5 <dlheim@bpa.gov>; Naef,Amber L (BPA) - FRT-2 <alnaef@bpa.gov>; Carson,Emma L (BPA) - PEH-6 <elcarson@bpa.gov>

Subject: [EXTERNAL] RE: Quick call

David I am available until 9 PST for a call, after that I am locked up in meetings all day, but Darren might have some flexibility.

If you want you can reach me at (b) (6)

Thank you,

Ben Agre

Pronouns (he, him, his)

Accountant

Technical Accounting Group (FRT)

Bonneville Power Administration

Phone: (503) 230-4952 | Email: bmagre@bpa.gov

From: Sotelo, David <David.Sotelo@admis.com>

Sent: Tuesday, August 18, 2020 6:15 AM

To: Postrel,Ethan D (BPA) - FRT-2 <edpostrel@bpa.gov>

Cc: Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov>; Tran,Tu T (BPA) - CBC-7 <tttran@bpa.gov>; Palandri,Anthony (BPA) - CBC-7 <axpalandri@bpa.gov>; Asmussen,Aundra E (BPA) - NST-4 <aeasmussen@bpa.gov>; Heim,Darren L (BPA) - PTL-5 <dlheim@bpa.gov>; Naef,Amber L (BPA) - FRT-2 <alnaef@bpa.gov>; Carson,Emma L (BPA) - PEH-6 <elcarson@bpa.gov>

Subject: [EXTERNAL] Quick call

All do you have time for a quick 5-10 min call today to go over the recent market volatility. We are checking in with all our clients who are in the west markets.

Thanks

David

&n **DAVID SOTELO**
bsp Branch Manager - Houston
;
ADM Investor Services Inc.
2100 West Loop South
Suite 1575
Houston, TX 77027

O +1.212.785.2899
C (b) (6)
C
admis.com

From: Palandri,Anthony (BPA) - CBC-7

Sent: Mon Aug 17 16:44:09 2020

To: Cooper,Suzanne B (BPA) - PT-5; Johnson,Tim A (BPA) - LP-7; McDonald,Thomas A (BPA) - C-7; Coseo,Nadine M (BPA) - F-2

Cc: Dunning,Christopher G (BPA) - F-2; Freudenthal,Michael J (BPA) - CN-7; Cocks,Michael D (BPA) - PTM-5; DeForest,Lon C (BPA) - PTM-5; Dernovsek,David K (BPA) - PTF-5; Federovitch,Eric C (BPA) - PTM-5; Germer,Matthew J (BPA) - PTM-5; Harris,Marcus A (BPA) - FA-2; Henderson,Michael R (BPA) - CBC-7; Hansen,Hanh M (BPA) - FRT-2; Le,Nga (Dan) (MFE)(BPA) - PTF-5; Miller,Mark E (MFE)(BPA) - PTL-5; Schaeffer, Virginia K (BPA) - LG-7; Spain,Alex J (MFE)(BPA) - PTF-5; Westman,Erik D (BPA) - CBE-7; Josephson,Ryan D (BPA) - FTO-2; Gaube,Stephen J (BPA) - PTF-5; Annamalai,Maler V (BPA) - PGPO-5; Allen,Adrian S (BPA) - PTL-5; Heim,Darren L (BPA) - PTL-5; Weinstein,Jason C (BPA) - PSS-6; Tran,Tu T (BPA) - CBC-7; Shea,Jessica C (BPA) - CBE-7; Upham,Kimberly A (BPA) - PSS-6; French,Jeffrey D (BPA) - CBC-7; Davidson,Bradley G (MFE)(BPA) - PTF-5; Mills,Justin Z (MFE)(BPA) - PTF-5; Cook,Joel D (BPA) - P-6; Agre,Benjamin M (BPA) - FRT-2; Pompel,Marie A (BPA) - PTM-5; Deuber,Thomas S (BPA) - PTM-5; Naef,Amber L (BPA) - FRT-2; Bleiler,Damen C (BPA) - FTL-2; Petty,Robert J (BPA) - PGP-5; Miller,Todd E (BPA) - LP-7; Egerdahl,Ryan J (BPA) - PGPR-5; Postrel,Ethan D (BPA) - FRT-2; Jain,Neel R (CONTR) - CBC-7; Rodrigues,Melissa Y (BPA) - CBC-7; Ludwig,Stephanie L (MFE)(BPA) - PGSP-5

Subject: Daily Risk Report 08-17-2020

Importance: Normal

Attachments: image001.png

Daily Risk Report Link:

[Today's Daily Risk Report](#)

(b) (2)

Note: This email and/or the attached files are **not to be distributed** or forwarded to anyone who is not on the approved distribution list.

00000002

From: Sotelo, David

Sent: Tue Aug 18 09:06:31 2020

To: Agre, Benjamin M (BPA) - FRT-2; Heim, Darren L (BPA) - PTL-5; Tran, Tu T (BPA) - CBC-7; Palandri, Anthony (BPA) - CBC-7; Naef, Amber L (BPA) - FRT-2; Asmussen, Aundra E (BPA) - NST-4; Postrel, Ethan D (BPA) - FRT-2; Carson, Emma L (BPA) - PEH-6; Damilatis, Chris

Subject: [EXTERNAL] RE: [EXTERNAL] RE: BPA - ADMIS call on current markets

Importance: Normal

No worries - lets all use the below

Call in 866-528-2256

PW (b) (2)

From: Agre, Benjamin M (BPA) - FRT-2 [<mailto:bmagre@bpa.gov>]

Sent: Tuesday, August 18, 2020 11:05 AM

To: Sotelo, David <David.Sotelo@admis.com>; Heim, Darren L (BPA) - PTL-5 <dlheim@bpa.gov>; Tran, Tu T (BPA) - CBC-7 <tttran@bpa.gov>; Palandri, Anthony (BPA) - CBC-7 <axpalandri@bpa.gov>; Naef, Amber L (BPA) - FRT-2 <alnaef@bpa.gov>; Asmussen, Aundra E (BPA) - NST-4 <aeasmussen@bpa.gov>; Postrel, Ethan D (BPA) - FRT-2 <edpostrel@bpa.gov>; Carson, Emma L (BPA) - PEH-6 <elcarson@bpa.gov>; Damilatis, Chris <cdamilatis@admis.com>

Subject: RE: [EXTERNAL] RE: BPA - ADMIS call on current markets

Our network doesn't let people who are virtual use our computer mics so the only audio I can get is on the phone lol.

Thank you,

Ben Agre

Pronouns (he, him, his)

Accountant

Technical Accounting Group (FRT)

Bonneville Power Administration

Phone: (503) 230-4952 | Email: bmagre@bpa.gov

From: Sotelo, David <David.Sotelo@admis.com>

Sent: Tuesday, August 18, 2020 9:04 AM

To: Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov>; Heim,Darren L (BPA) - PTL-5 <dlheim@bpa.gov>; Tran,Tu T (BPA) - CBC-7 <tttran@bpa.gov>; Palandri,Anthony (BPA) - CBC-7 <axpalandri@bpa.gov>; Naef,Amber L (BPA) - FRT-2 <alnaef@bpa.gov>; Asmussen,Aundra E (BPA) - NST-4 <aeasmussen@bpa.gov>; Postrel,Ethan D (BPA) - FRT-2 <edpostrel@bpa.gov>; Carson,Emma L (BPA) - PEH-6 <elcarson@bpa.gov>; Damilatis, Chris <cdamilatis@admis.com>

Subject: [EXTERNAL] RE: [EXTERNAL] RE: BPA - ADMIS call on current markets

I did see you come in – do you want to try again/ if not I can send out a call in conf call number.

From: Agre,Benjamin M (BPA) - FRT-2 [<mailto:bmagre@bpa.gov>]

Sent: Tuesday, August 18, 2020 11:00 AM

To: Sotelo, David <David.Sotelo@admis.com>; Heim,Darren L (BPA) - PTL-5 <dlheim@bpa.gov>; Tran,Tu T (BPA) - CBC-7 <tttran@bpa.gov>; Palandri,Anthony (BPA) - CBC-7 <axpalandri@bpa.gov>; Naef,Amber L (BPA) - FRT-2 <alnaef@bpa.gov>; Asmussen,Aundra E (BPA) - NST-4 <aeasmussen@bpa.gov>; Postrel,Ethan D (BPA) - FRT-2 <edpostrel@bpa.gov>; Carson,Emma L (BPA) - PEH-6 <elcarson@bpa.gov>; Damilatis, Chris <cdamilatis@admis.com>

Subject: [EXTERNAL] RE: BPA - ADMIS call on current markets

David,

Can you share the call in number as well? For some reason Teams is not cooperating for me.

Thank you,

Ben Agre

Pronouns (he, him, his)

Accountant

Technical Accounting Group (FRT)

Bonneville Power Administration

Phone: (503) 230-4952 | Email: bmagre@bpa.gov

-----Original Appointment-----

From: Sotelo, David <David.Sotelo@admis.com>

Sent: Tuesday, August 18, 2020 8:14 AM

To: Sotelo, David; Heim, Darren L (BPA) - PTL-5; Agre, Benjamin M (BPA) - FRT-2; Tran, Tu T (BPA) - CBC-7; Palandri, Anthony (BPA) - CBC-7; Naef, Amber L (BPA) - FRT-2; Asmussen, Aundra E (BPA) - NST-4; Postrel, Ethan D (BPA) - FRT-2; Carson, Emma L (BPA) - PEH-6; Damilatis, Chris

Subject: [EXTERNAL] BPA - ADMIS call on current markets

When: Tuesday, August 18, 2020 11:00 AM-11:15 AM (UTC-06:00) Central Time (US & Canada).

Where: Microsoft Teams Meeting

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Confidentiality Notice:

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Confidentiality Notice:

This message may contain confidential or privileged information, or information that is otherwise exempt from

disclosure. If you are not the intended recipient, you should promptly delete it and should not disclose, copy or distribute it to others.

From: Palandri,Anthony (BPA) - CBC-7

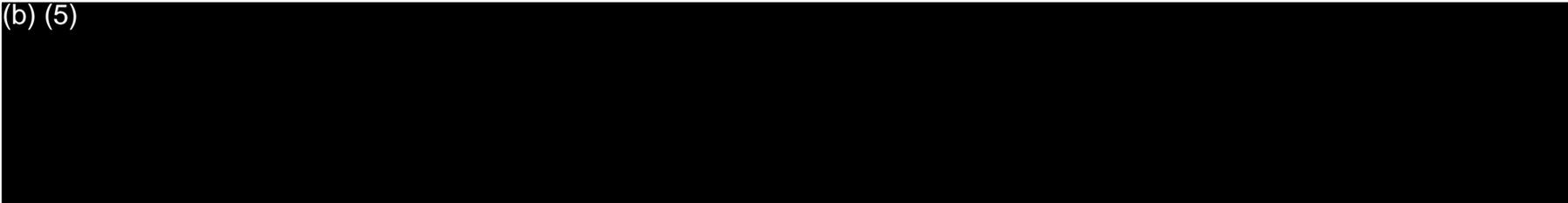
Sent: Tue Aug 18 08:50:18 2020

To: Agre,Benjamin M (BPA) - FRT-2

Subject: RE: [EXTERNAL] Daily Statement For Date 2020-08-17, for ID 37665, RPTID dpdfstm

Importance: Normal

(b) (5)



-----Original Message-----

From: Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov>

Sent: Tuesday, August 18, 2020 8:46 AM

To: Palandri,Anthony (BPA) - CBC-7 <axpalandri@bpa.gov>

Subject: FW: [EXTERNAL] Daily Statement For Date 2020-08-17, for ID 37665, RPTID dpdfstm

Tony,

(b) (5)



Thank you,

Ben Agre

Pronouns (he, him, his)

Accountant

Technical Accounting Group (FRT)

BONNEVILLE POWER ADMINISTRATION

Phone: (503) 230-4952 | Email: bmagre@bpa.gov

-----Original Message-----

From: Le,Nga (Dan) (MFE)(BPA) - PTF-5 <nle@bpa.gov>
Sent: Tuesday, August 18, 2020 8:01 AM
To: Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov>
Subject: RE: [EXTERNAL] Daily Statement For Date 2020-08-17, for ID 37665, RPTID dpdfstm

Hi Ben,

(b) (5)

-----Original Message-----

From: Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov>
Sent: Tuesday, August 18, 2020 7:50 AM
To: Le,Nga (Dan) (MFE)(BPA) - PTF-5 <nle@bpa.gov>
Subject: FW: [EXTERNAL] Daily Statement For Date 2020-08-17, for ID 37665, RPTID dpdfstm

Hey Dan,

(b) (5)

Thank you,
Ben Agre
Pronouns (he, him, his)
Accountant
Technical Accounting Group (FRT)
BONNEVILLE POWER ADMINISTRATION
Phone: (503) 230-4952 | Email: bmagre@bpa.gov

-----Original Message-----

From: ADMIS Reports <admis.reports@admis.com>
Sent: Monday, August 17, 2020 8:16 PM
To: Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov>
Subject: [EXTERNAL] Daily Statement For Date 2020-08-17, for ID 37665, RPTID dpdfstm

- a. Report Name = Daily Statements
- b. Report For = 37665
- c. For Business Date = 2020-08-17
- d. For Report = dpdfstm

e. Run Date = 20200817 22:08:25

f. Environment = MEM

View your daily and monthly statements and get up to date live account information online at the ADMIS Membersite Simply login here: <https://members1.admis.com/Account/Login> with your username/password. Contact supportdesk@admis.com if you need any assistance with username/password.

From: Spain,Alex J (MFE)(BPA) - PTF-5

Sent: Mon Aug 24 11:56:33 2020

To: Germer,Matthew J (BPA) - PTM-5

Cc: Symonds,Mark C (BPA) - B-3; Federovitch,Eric C (BPA) - PTM-5; Gaube,Stephen J (BPA) - PTF-5; Dernovsek,David K (BPA) - PTFR-5 (dkdernovsek@bpa.gov); Mills,Justin Z (MFE)(BPA) - PTF-5; Platter,M Phillip (MFE)(BPA) - PTFR-5

Subject: RE: FY 20 NSR (Study 25 update 1): 8/20/20 with attachment

Importance: Normal

Attachments: image001.jpg; image003.jpg; QPMC Market Landscape Presentation August 2020_DRAFT082420_V2.pptx

(b) (5)



From: Cooper,Suzanne B (BPA) - PT-5 <sbcooper@bpa.gov>

Sent: Monday, August 24, 2020 8:29 AM

To: Germer,Matthew J (BPA) - PTM-5 <mjgermer@bpa.gov>

Cc: Symonds,Mark C (BPA) - B-3 <mcsymonds@bpa.gov>; Spain,Alex J (MFE)(BPA) - PTF-5 <ajspain@bpa.gov>; Federovitch,Eric C (BPA) - PTM-5 <ecfederovitch@bpa.gov>; Gaube,Stephen J (BPA) - PTF-5 <sjgaube@bpa.gov>

Subject: RE: FY 20 NSR (Study 25 update 1): 8/20/20 with attachment

A slide added to the market landscape presentation

From: Germer,Matthew J (BPA) - PTM-5 <mjgermer@bpa.gov>
Sent: Monday, August 24, 2020 8:27 AM
To: Cooper,Suzanne B (BPA) - PT-5 <sbcooper@bpa.gov>
Cc: Symonds,Mark C (BPA) - B-3 <mcsymonds@bpa.gov>; Spain,Alex J (MFE)(BPA) - PTF-5 <ajspain@bpa.gov>; Federovitch,Eric C (BPA) - PTM-5 <ecfederovitch@bpa.gov>
Subject: RE: FY 20 NSR (Study 25 update 1): 8/20/20 with attachment

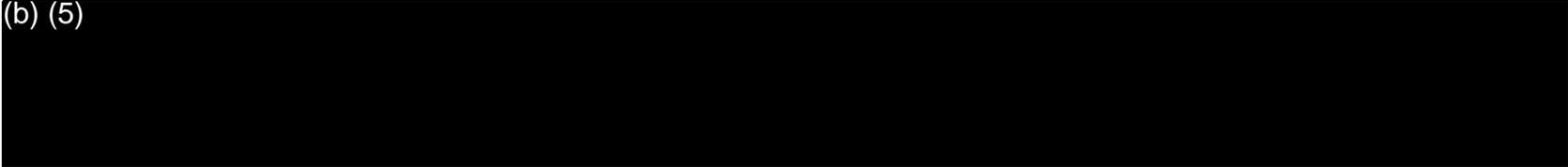
This morning I'll be putting together the FY 21 study 03 NSR report data for Amy Attinasi. PSRF is looking to get the data as soon as possible for putting together the FY 21 Start of Year forecast. That said, I should have time today to work on a retro. Were you thinking of a retro slide for the QPMC Market Landscape presentation, or a high level retro that could be referenced as needed at the meeting?

Matt Germer

From: Cooper,Suzanne B (BPA) - PT-5 <sbcooper@bpa.gov>
Sent: Monday, August 24, 2020 7:56 AM
To: Germer,Matthew J (BPA) - PTM-5 <mjgermer@bpa.gov>
Cc: Symonds,Mark C (BPA) - B-3 <mcsymonds@bpa.gov>; Spain,Alex J (MFE)(BPA) - PTF-5 <ajspain@bpa.gov>; Federovitch,Eric C (BPA) - PTM-5 <ecfederovitch@bpa.gov>

Subject: RE: FY 20 NSR (Study 25 update 1): 8/20/20 with attachment

(b) (5)



From: Germer,Matthew J (BPA) - PTM-5 <mjgermer@bpa.gov>

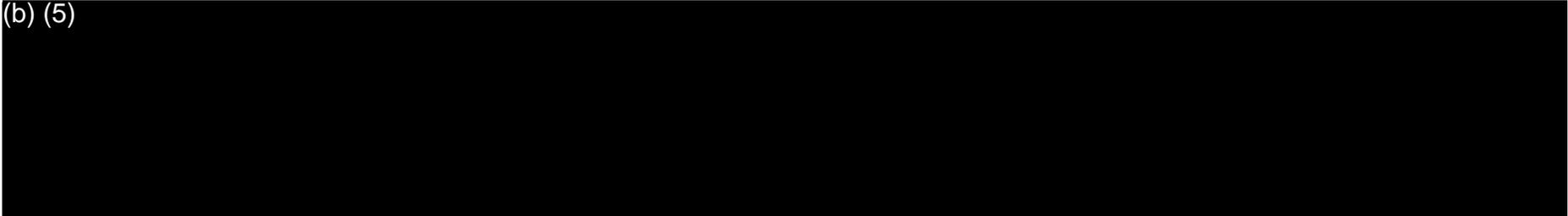
Sent: Monday, August 24, 2020 7:49 AM

To: Cooper,Suzanne B (BPA) - PT-5 <sbcooper@bpa.gov>

Cc: Symonds,Mark C (BPA) - B-3 <mcsymonds@bpa.gov>; Spain,Alex J (MFE)(BPA) - PTF-5 <ajspain@bpa.gov>; Federovitch,Eric C (BPA) - PTM-5 <ecfederovitch@bpa.gov>

Subject: RE: FY 20 NSR (Study 25 update 1): 8/20/20 with attachment

(b) (5)



Matt Germer

From: Cooper,Suzanne B (BPA) - PT-5 <sbcooper@bpa.gov>

Sent: Monday, August 24, 2020 7:41 AM

To: Germer,Matthew J (BPA) - PTM-5 <mjgermer@bpa.gov>

Cc: Symonds,Mark C (BPA) - B-3 <mcsymonds@bpa.gov>; Spain,Alex J (MFE)(BPA) - PTF-5 <ajspain@bpa.gov>; Federovitch,Eric C (BPA) - PTM-5 <ecfederovitch@bpa.gov>
Subject: RE: FY 20 NSR (Study 25 update 1): 8/20/20 with attachment

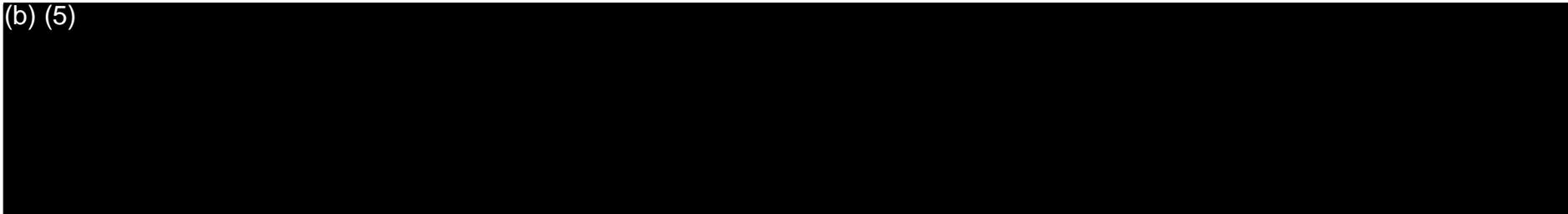
(b) (5)



From: Germer,Matthew J (BPA) - PTM-5 <mjgermer@bpa.gov>
Sent: Monday, August 24, 2020 7:10 AM
To: Cooper,Suzanne B (BPA) - PT-5 <sbcooper@bpa.gov>
Cc: Symonds,Mark C (BPA) - B-3 <mcsymonds@bpa.gov>; Spain,Alex J (MFE)(BPA) - PTF-5 <ajspain@bpa.gov>; Federovitch,Eric C (BPA) - PTM-5 <ecfederovitch@bpa.gov>
Subject: FY 20 NSR (Study 25 update 1): 8/20/20 with attachment

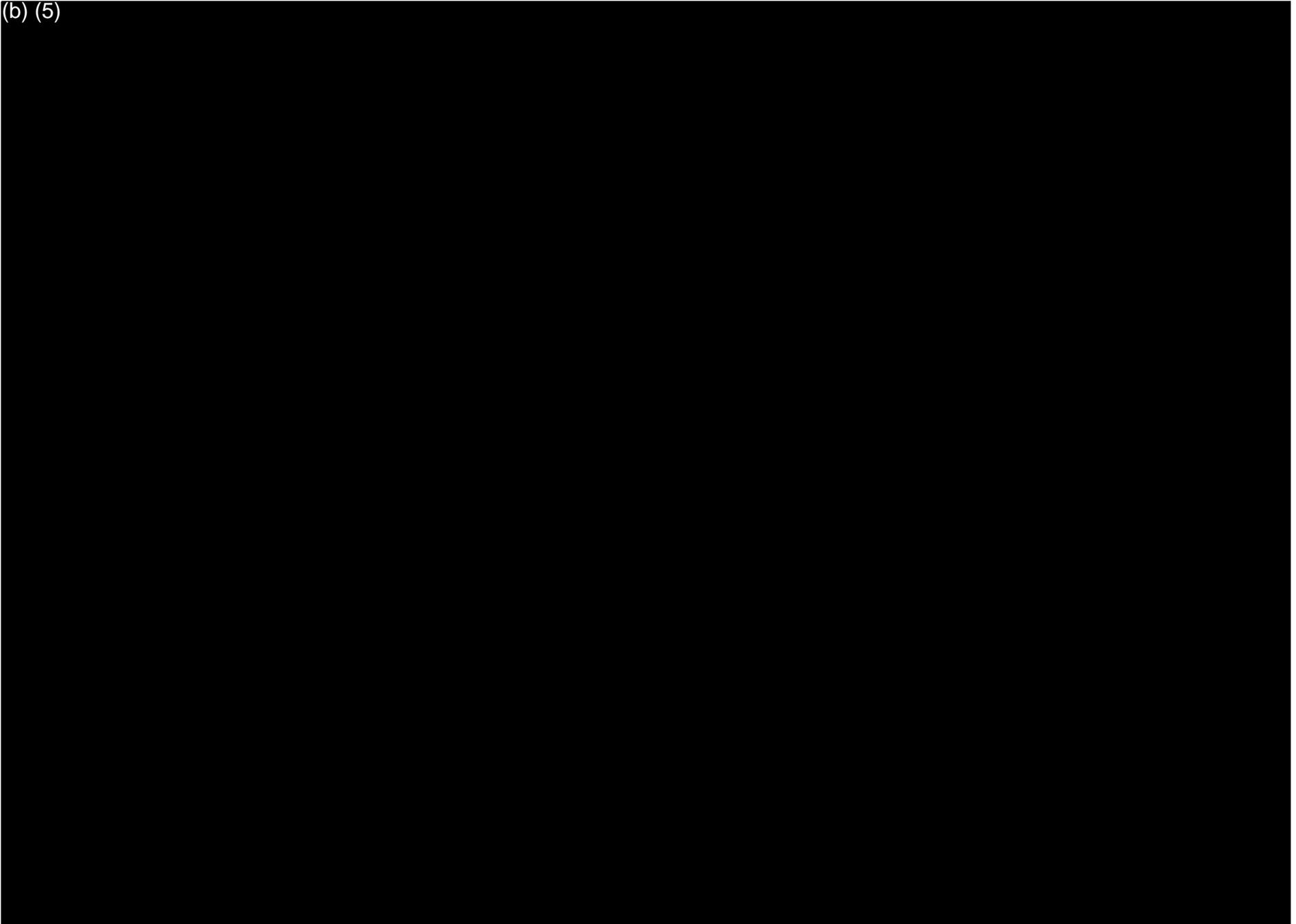
Good morning Suzanne,

(b) (5)



Highlights:

(b) (5)



(b) (5)



Let me know if you have any questions.

Matt Germer

Operations Research Analyst | Market Analysis & Pricing

Bonneville Power Administration (BPA)

bpa.gov | 503.230.7378

May 2020 Market Landscape

Quarterly Power Management Committee
Meeting

August 27, 2020



Marcus Elkenberry 2002

Agenda

- Natural Gas and Power Market Update
- West Coast Heat Wave Summary

Natural Gas and Power Market Update



Marcus Elkenberry 2002

Natural Gas and Power Update

- Michael to add

West Coast Heat Wave



Marcus Elkenberry 2002

EEAs and BPA Marketing Overview

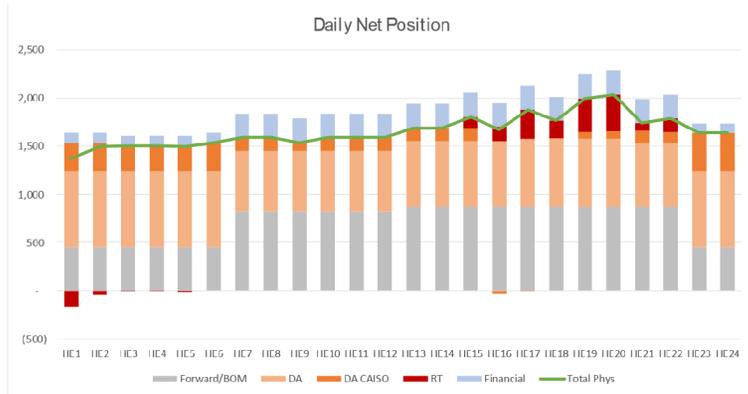
CAISO System Load– Friday/Saturday

Thursday: CAISO declares preemptive EEA-1 for 8/14 16:00 – 21:00

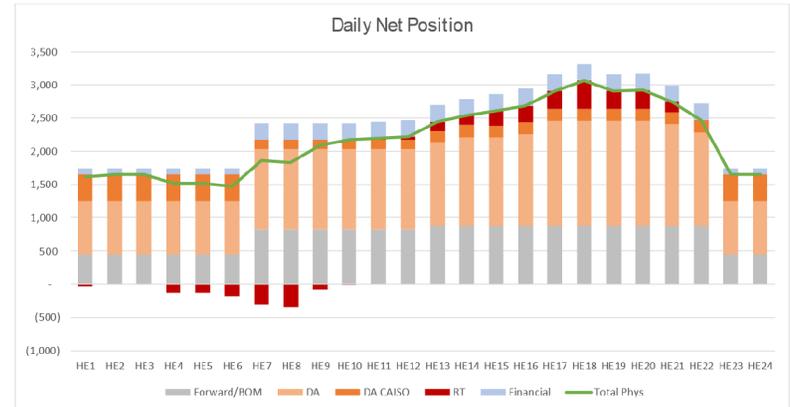


NOTE: CAISO Wind/Solar Renewables and EEA definitions are in the Appendix

Marketing Summary – Friday/Saturday



8/14/2020	aMW	Net Revenue	\$/MWh
RT	61	\$ 134,300	\$ 91.55
DA CAISO	170	\$ 301,015	\$ 73.94
DA	704	\$ 1,145,007	\$ 67.81
Forward/BOM	721	\$ 642,812	\$ 37.16
Total	1,655	\$ 2,223,134	\$ 55.96
Financial	200	\$ (23,852)	\$ (4.97)
NTSA/STLA		\$ -	



8/15/2020	aMW	Net Revenue	\$/MWh
RT	43	\$ 217,631	\$ 212.74
DA CAISO	242	\$ 374,337	\$ 64.59
DA	1,178	\$ 1,713,027	\$ 60.58
Forward/BOM	721	\$ 642,812	\$ 37.16
Total	2,183	\$ 2,947,806	\$ 56.26
Financial	200	\$ (23,852)	\$ (4.97)
NTSA/STLA		\$ -	

NOTE: Day Ahead and Real Time Operations and Commercial actions and observations documented in Appendix.

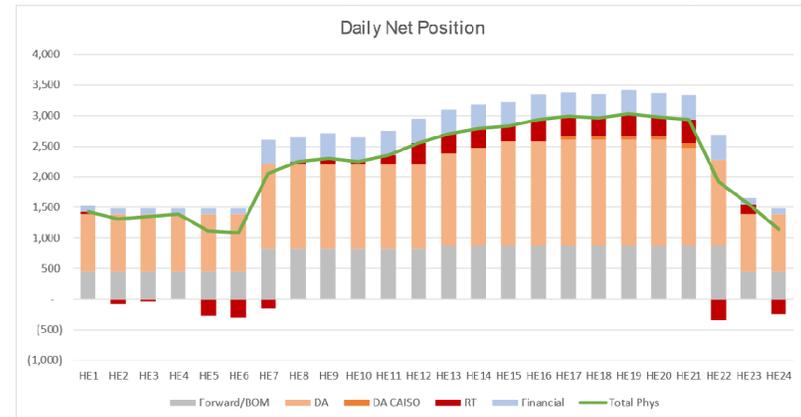
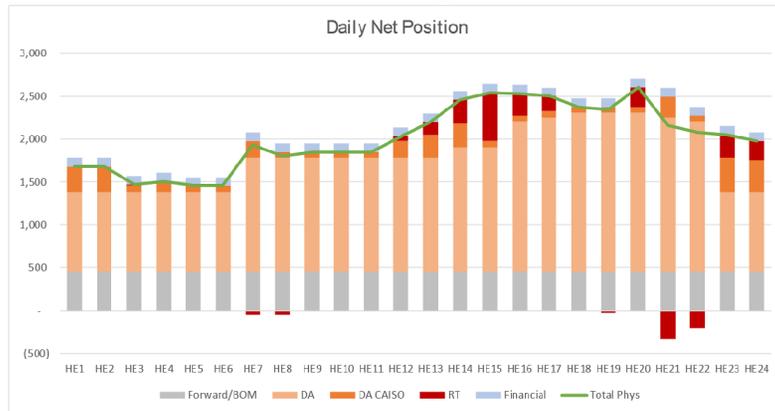
CAISO System Load– Sunday/Monday



- Monday: Imperial Irrigation District (IID) declares EEA-1 effective 10:44 >> Ends 20:37
- Monday: CAISO declares EEA-1 effective 12:05 >> EEA-2 effective 15:05 >> EEA-3 effective 15:31 >> EEA-2 effective 19:31 >> Ends 21:24
- Monday: Puget declares EEA-1 effective 12:55 >> Ends 16:46
- Monday: Grant/Shell declares EEA-1 effective 14:48 >> Ends 17:49
- Monday: Avangrid declares EEA-1 effective 15:05 >> Ends 19:05
- Monday: NVE declares EEA-1 effective 18:00 >> Ends 19:25

NOTE: CAISO Wind/Solar Renewables and EEA definitions are in the Appendix

Marketing Summary – Sunday/Monday

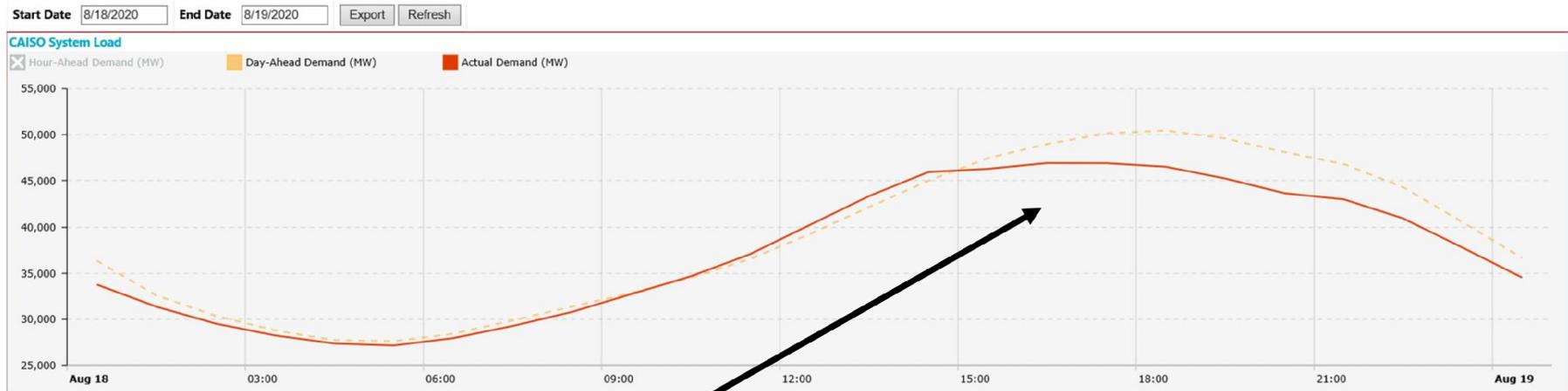


8/16/2020	aMW	Net Revenue	\$/MWh
RT	65	\$ 162,692	\$ 104.89
DA CAISO	151	\$ 229,815	\$ 63.50
DA	1,351	\$ 2,429,910	\$ 74.92
Forward/BOM	450	\$ 324,720	\$ 30.07
Total	2,017	\$ 3,147,137	\$ 65.02
Financial	100	\$ (35,520)	\$ (14.80)
NTSA/STLA		\$ (717,747)	

8/17/2020	aMW	Net Revenue	\$/MWh
RT	97	\$ 1,538,864	\$ 658.76
DA CAISO	14	\$ 164,487	\$ 476.77
DA	1,343	\$ 4,047,433	\$ 125.60
Forward/BOM	721	\$ 667,233	\$ 38.57
Total	2,175	\$ 6,418,017	\$ 122.93
Financial	300	\$ (324,300)	\$ (45.04)
NTSA/STLA		\$ (1,444,655)	

NOTE: Day Ahead and Real Time Operations and Commercial actions and observations documented in Appendix.

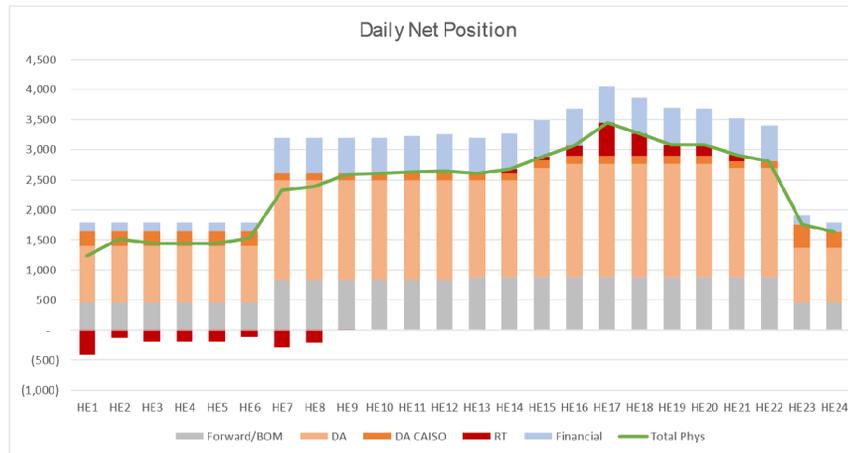
CAISO System Load– Tuesday



CAISO declares EEA-1 effective 11:30 >> EEA-2 effective 12:55 >> EEA-3 effective 14:00 >> EEA-2 effective 19:46 >> Ends 20:31
 NEVP declares EEA-1 effective 12:27 >> EEA-3 effective 15:26 >> Ends 20:33
 IID declares EEA-3 effective 16:09 >> EEA-1 effective 20:01 >> Ends 21:06
 PNM declares EEA-2 effective 16:21 >> Ends 21:02

NOTE: CAISO Wind/Solar Renewables and EEA definitions are in the Appendix

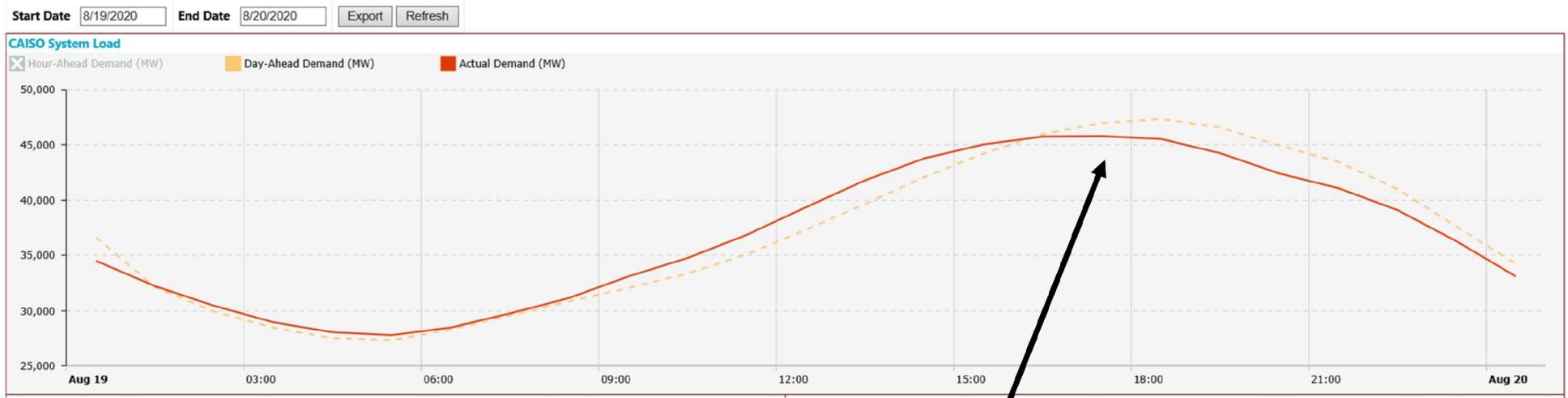
Marketing Summary – Tuesday



8/18/2020	aMW	Net Revenue	\$/MWh
RT	1	\$ 246,844	\$ 8,815.86
DA CAISO	172	\$ 790,178	\$ 191.84
DA	1,482	\$ 8,381,068	\$ 235.62
Forward/BOM	721	\$ 678,988	\$ 39.25
Total	2,376	\$ 10,097,078	\$ 177.09
Financial	450	\$ (994,512)	\$ (92.08)
NTSA/STLA		\$ (2,313,922)	

NOTE: Day Ahead and Real Time Operations and Commercial actions and observations documented in Appendix.

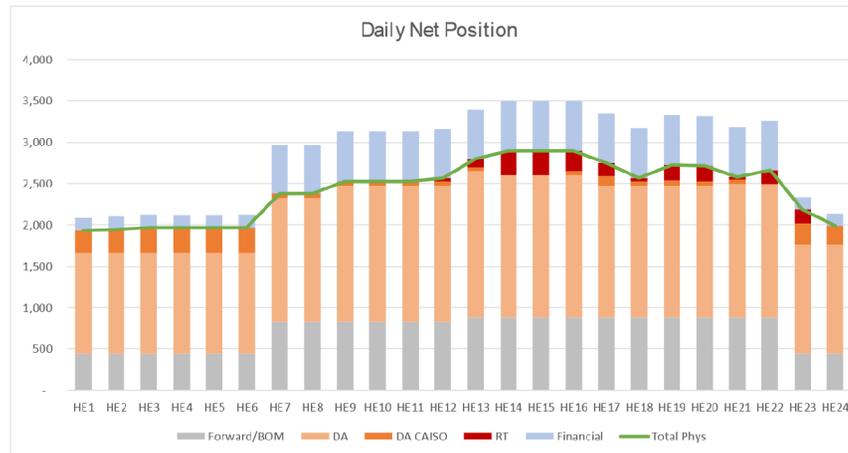
CAISO System Load– Wednesday



SRP declares EEA-1 effective 11:52 >> Ends 14:52
NEVP declares EEA-1 effective 12:21 >> Ends 19:21

NOTE: CAISO Wind/Solar Renewables and EEA definitions are in the Appendix

Marketing Summary – Wednesday

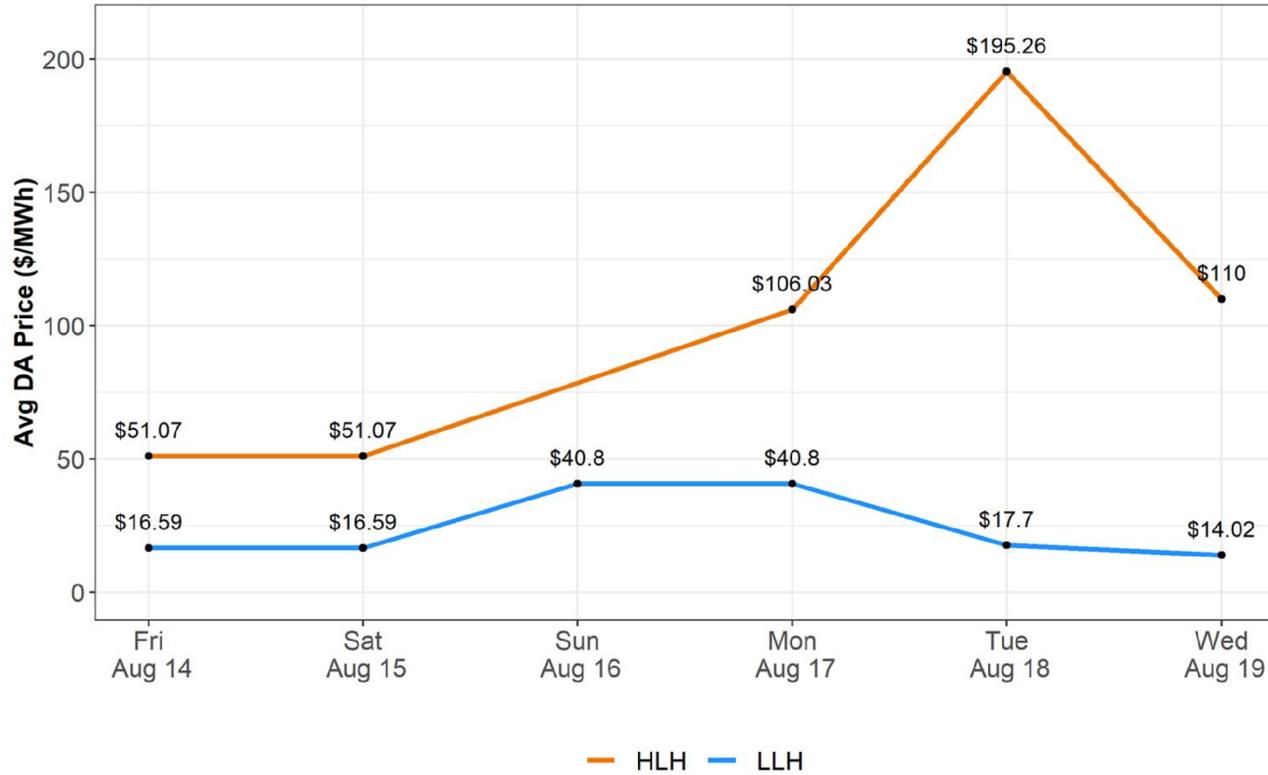


8/19/2020	aMW	Net Revenue	\$/MWh
RT	81	\$ 117,275	\$ 60.45
DA CAISO	127	\$ 224,137	\$ 73.78
DA	1,501	\$ 7,316,244	\$ 203.14
Forward/BOM	721	\$ 662,886	\$ 38.32
Total	2,429	\$ 8,320,542	\$ 142.73
Financial	450	\$ (544,380)	\$ (50.41)
NTSA/STLA		\$ (1,353,971)	

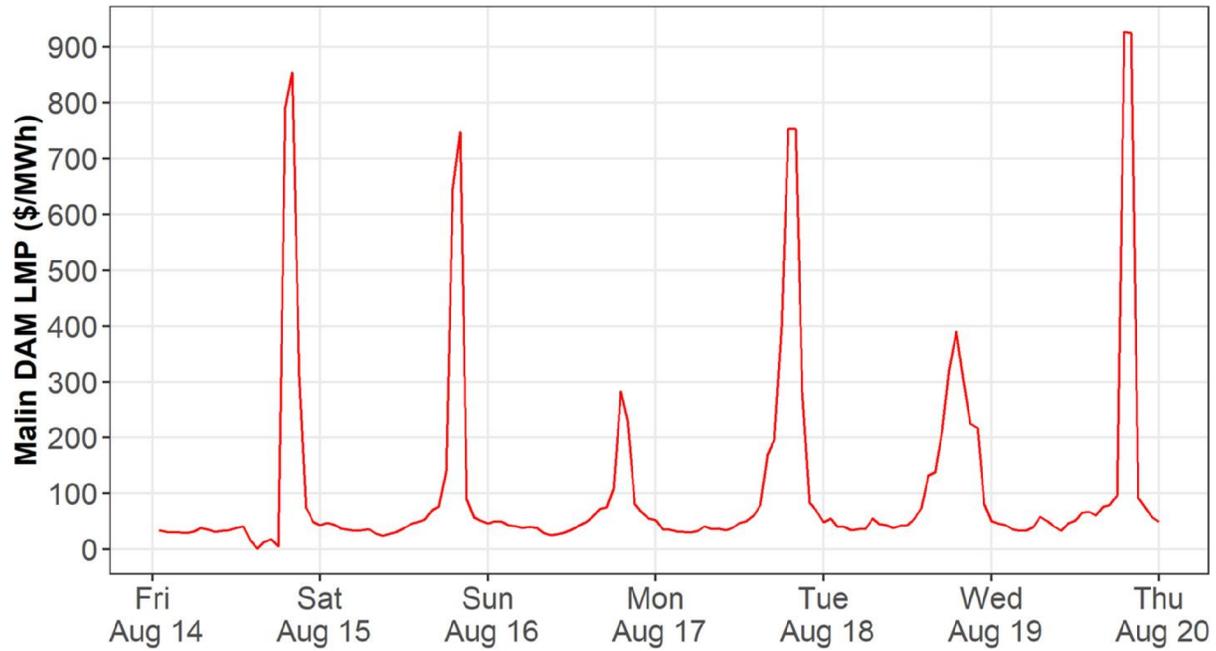
NOTE: Day Ahead and Real Time Operations and Commercial actions and observations documented in Appendix.

Energy and EIM Market Performance Overview

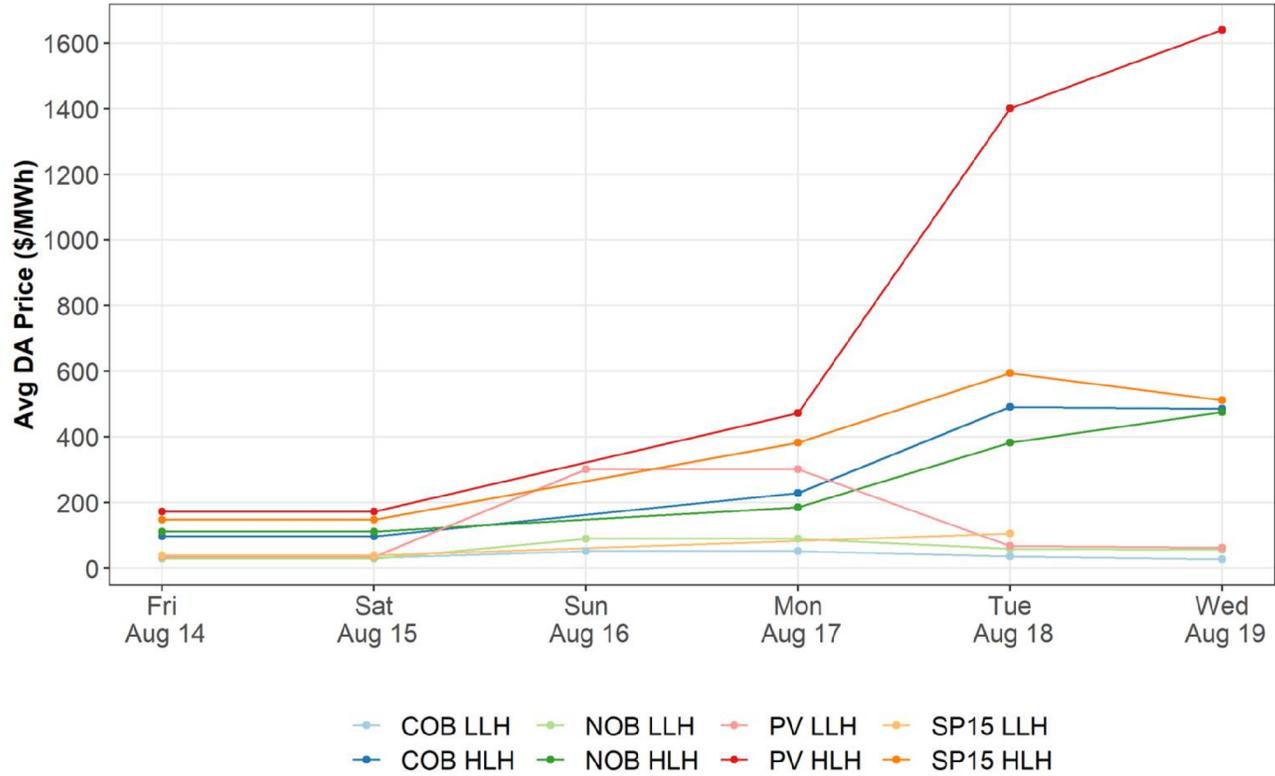
Mid-C Day Ahead Prices



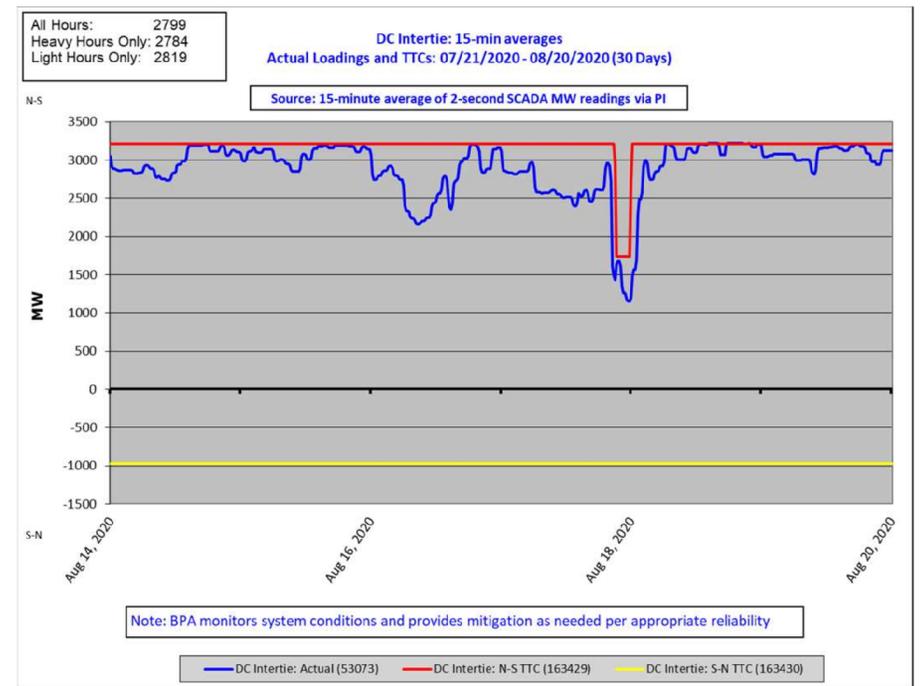
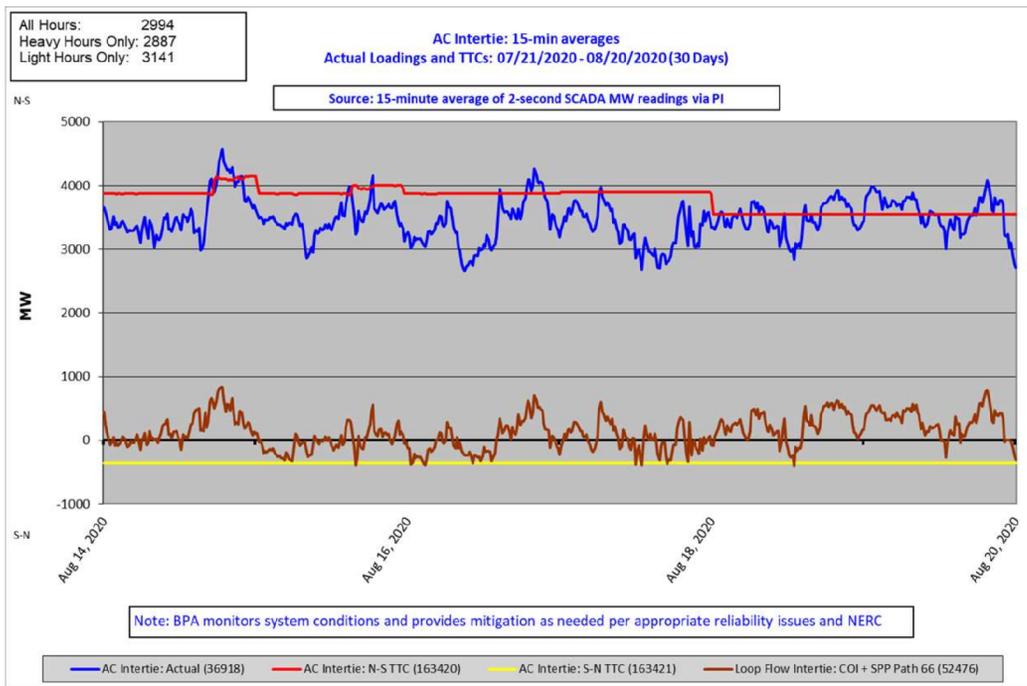
Malin Day Ahead Market Locational Marginal Prices



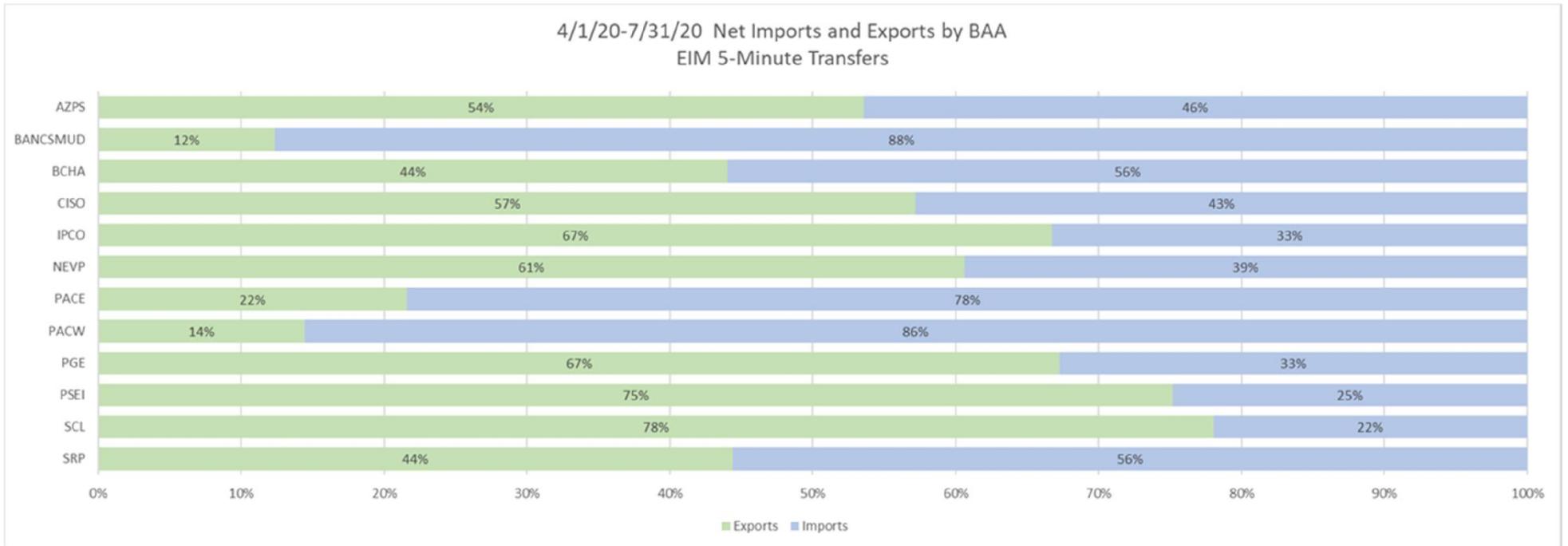
Day Ahead Prices at Southern ICE Hubs



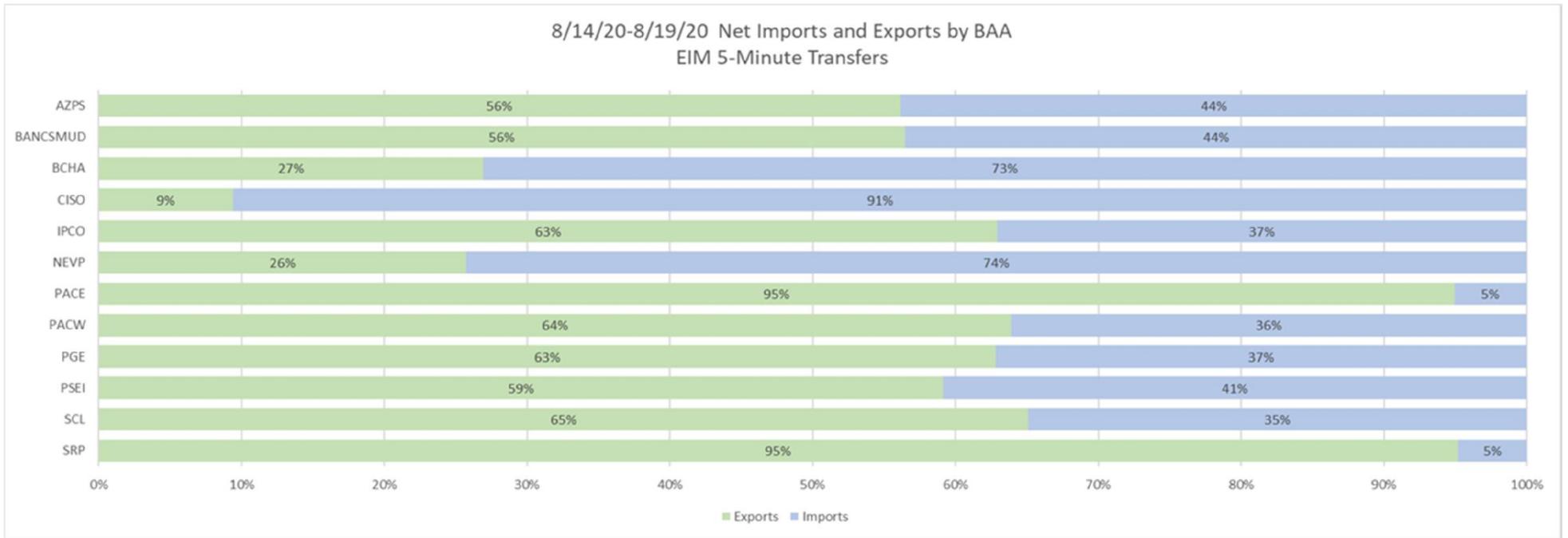
Intertie Transmission Flows



EIM Flows – “Normal”



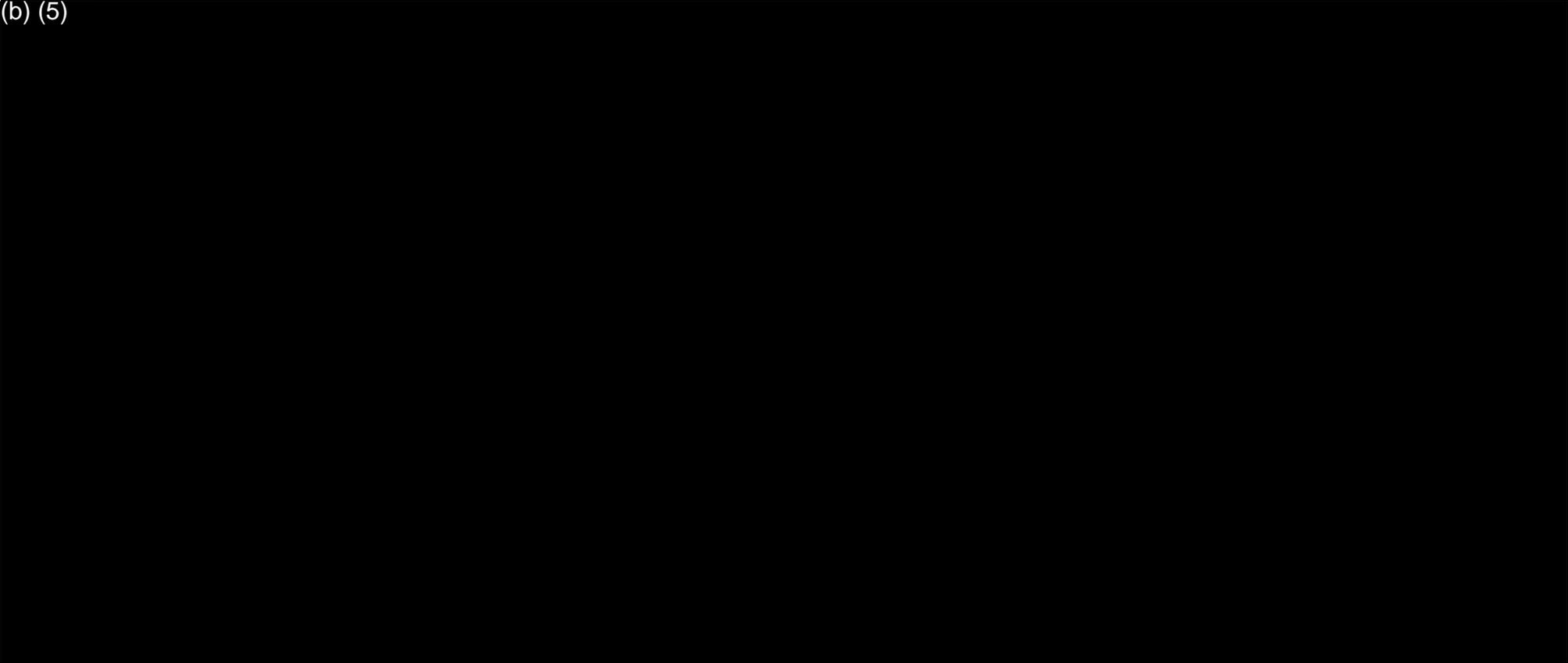
EIM Flows – During Heat Event



Appendix

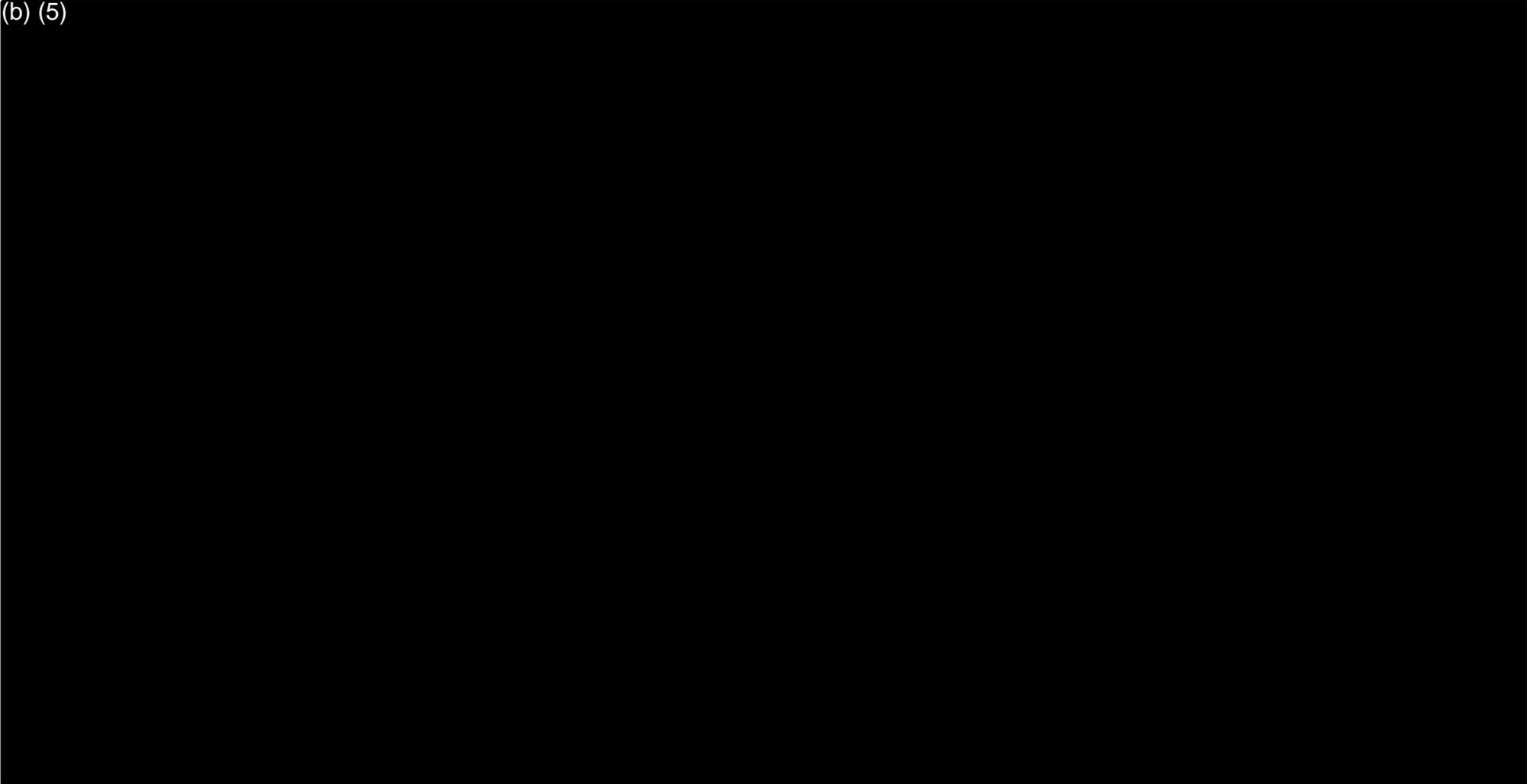
Day Ahead Operations Planning and Marketing: Friday/Saturday

(b) (5)

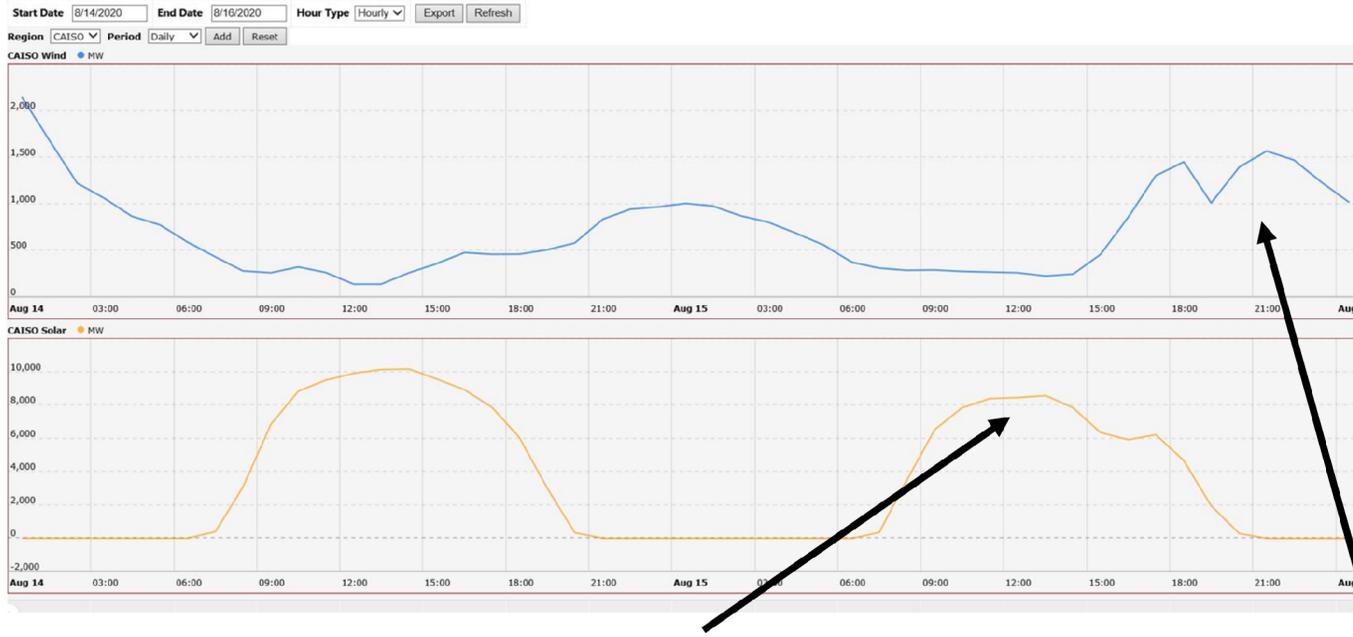


Real Time: Friday/Saturday

(b) (5)



CAISO Wind & Solar – Friday/Saturday



Saturday: CAISO Solar falls in the afternoon and the Wind drops around HE 17

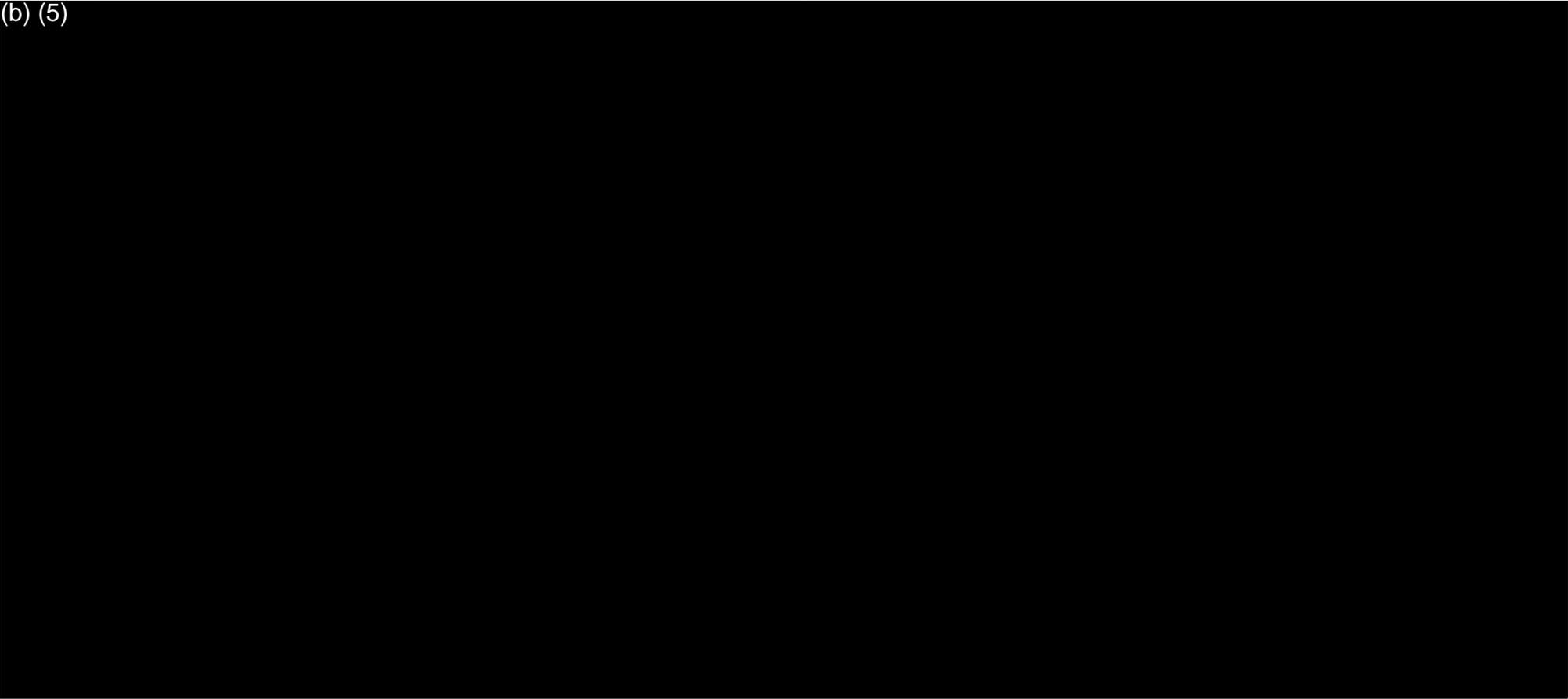
Day Ahead Operations Planning and Marketing: Sunday/Monday

(b) (5)



Real Time: Sunday/Monday

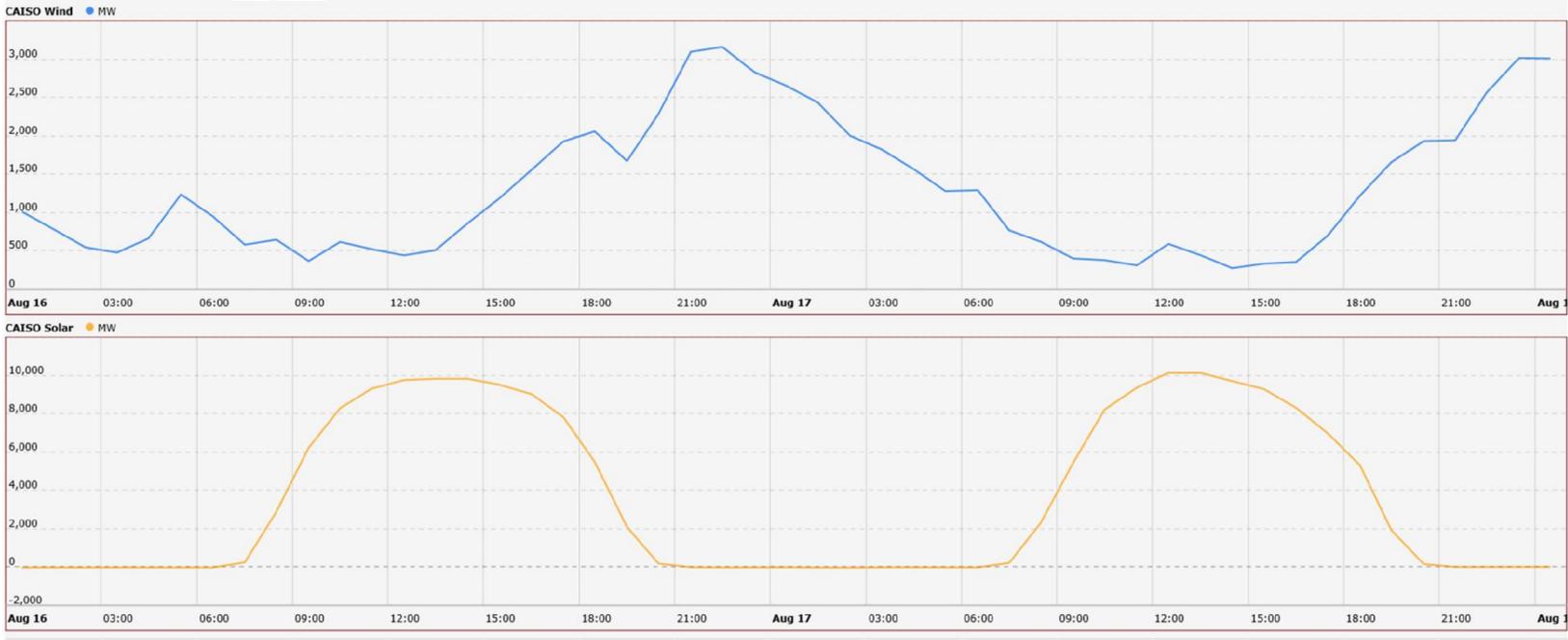
(b) (5)



CAISO Wind & Solar – Sunday/Monday

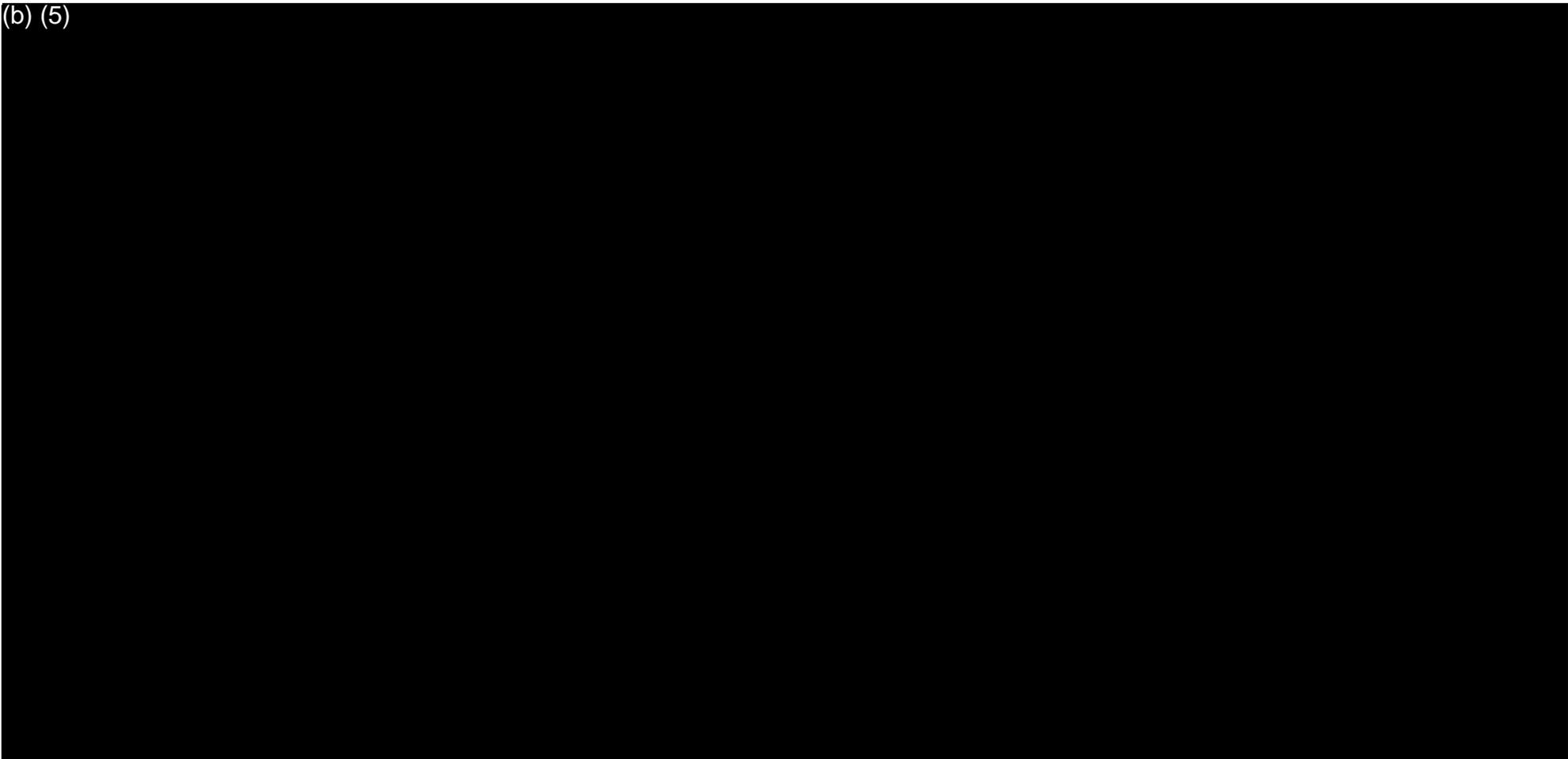
Start Date End Date Hour Type

Region Period



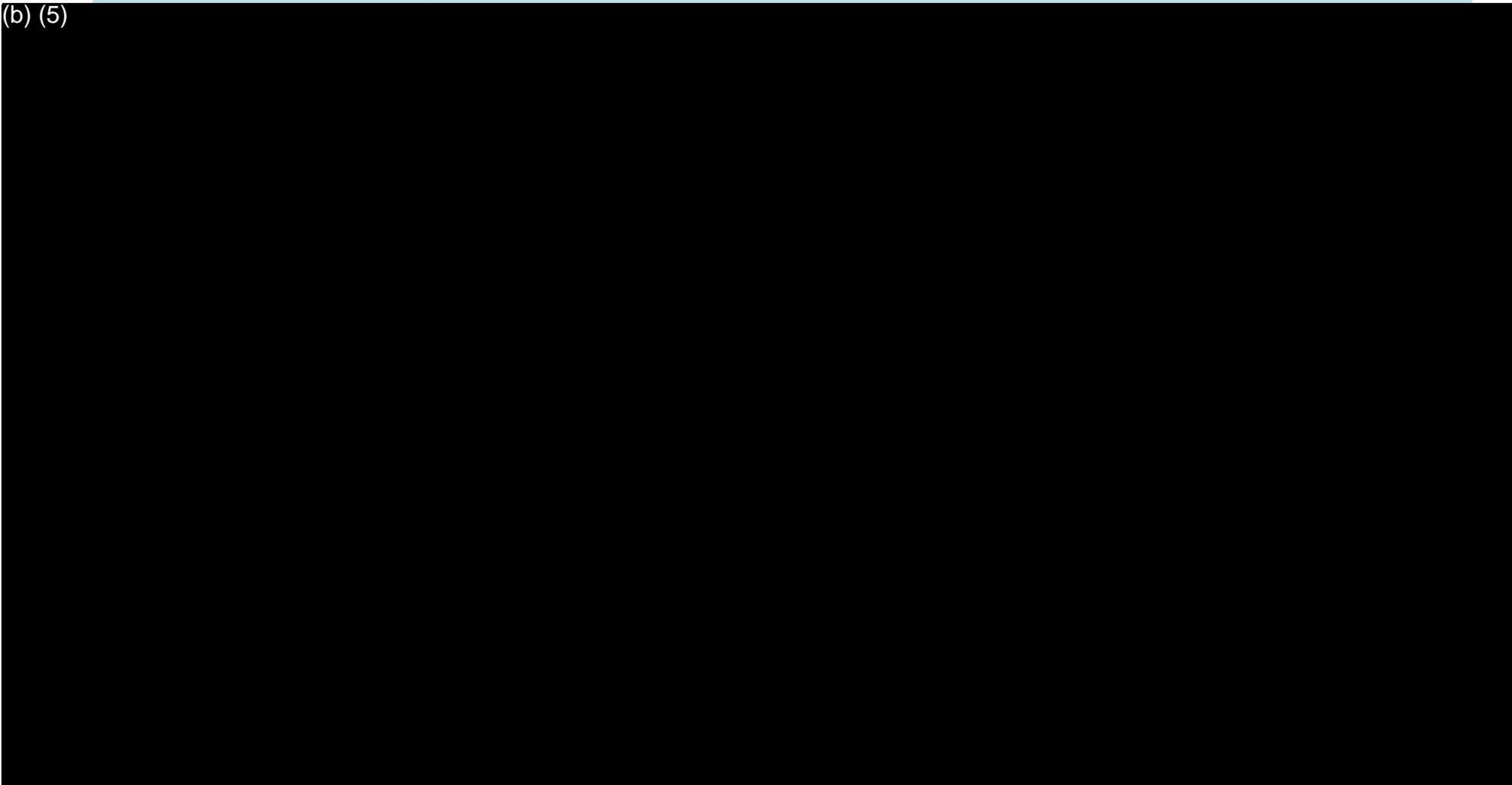
Day Ahead Operations Planning and Marketing: Tuesday

(b) (5)

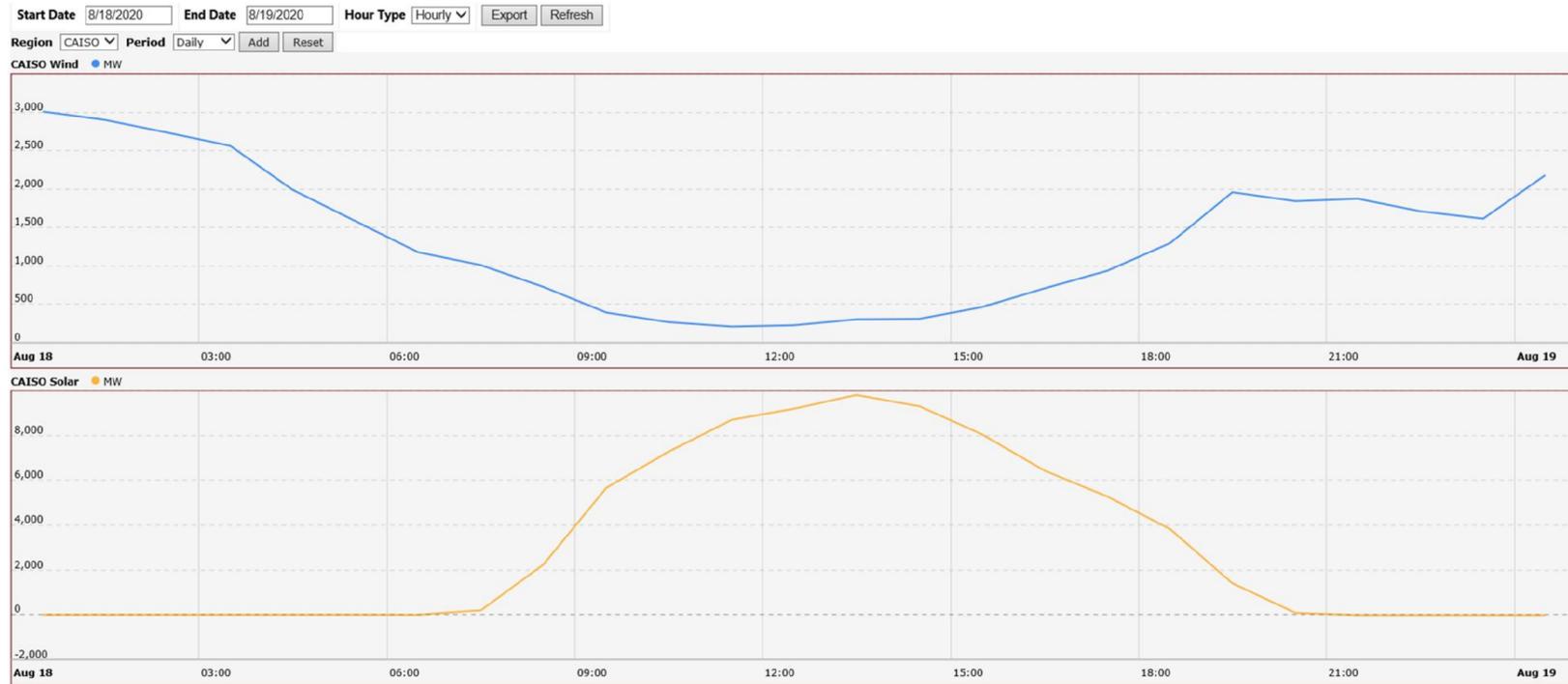


Real Time: Tuesday

(b) (5)

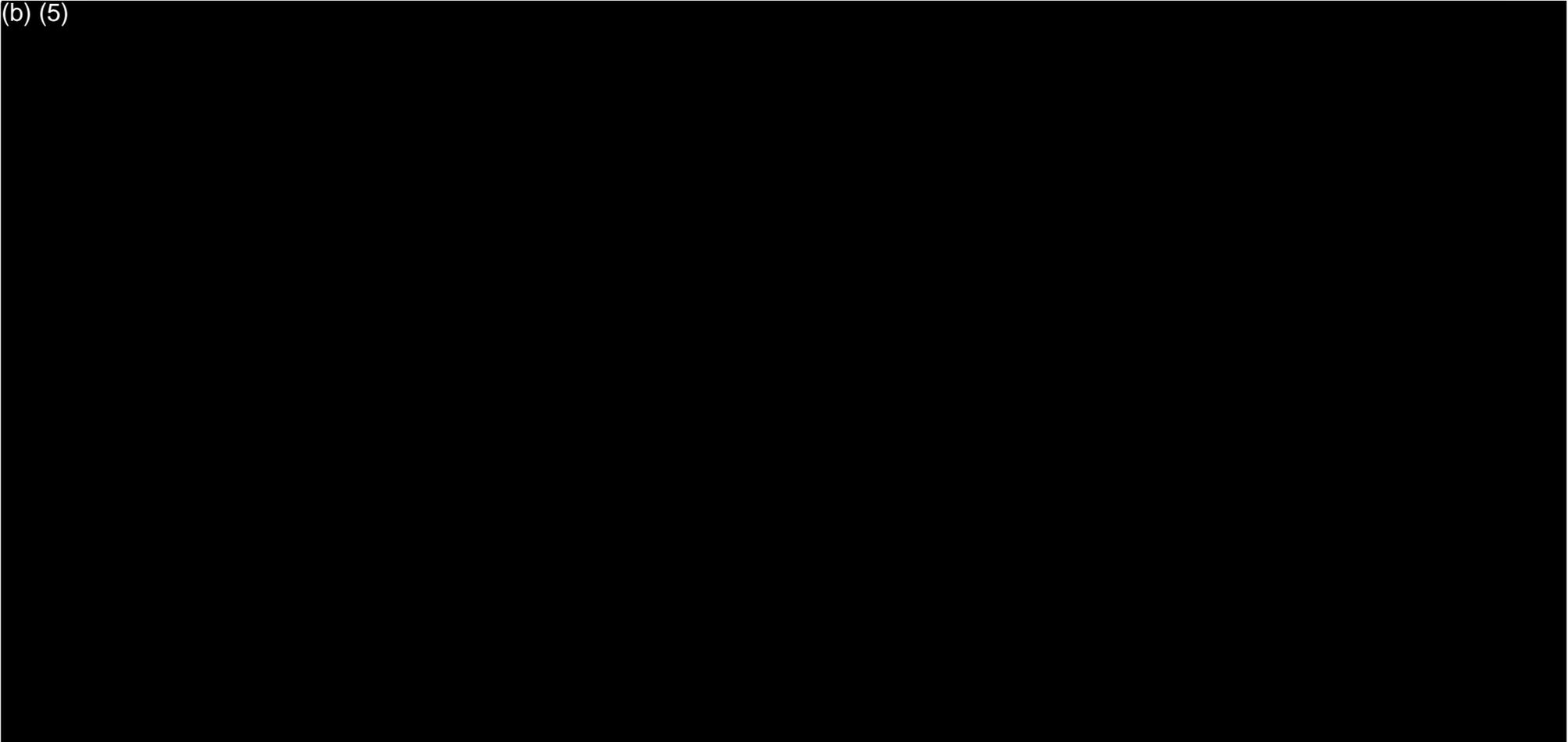


CAISO Wind & Solar – Tuesday



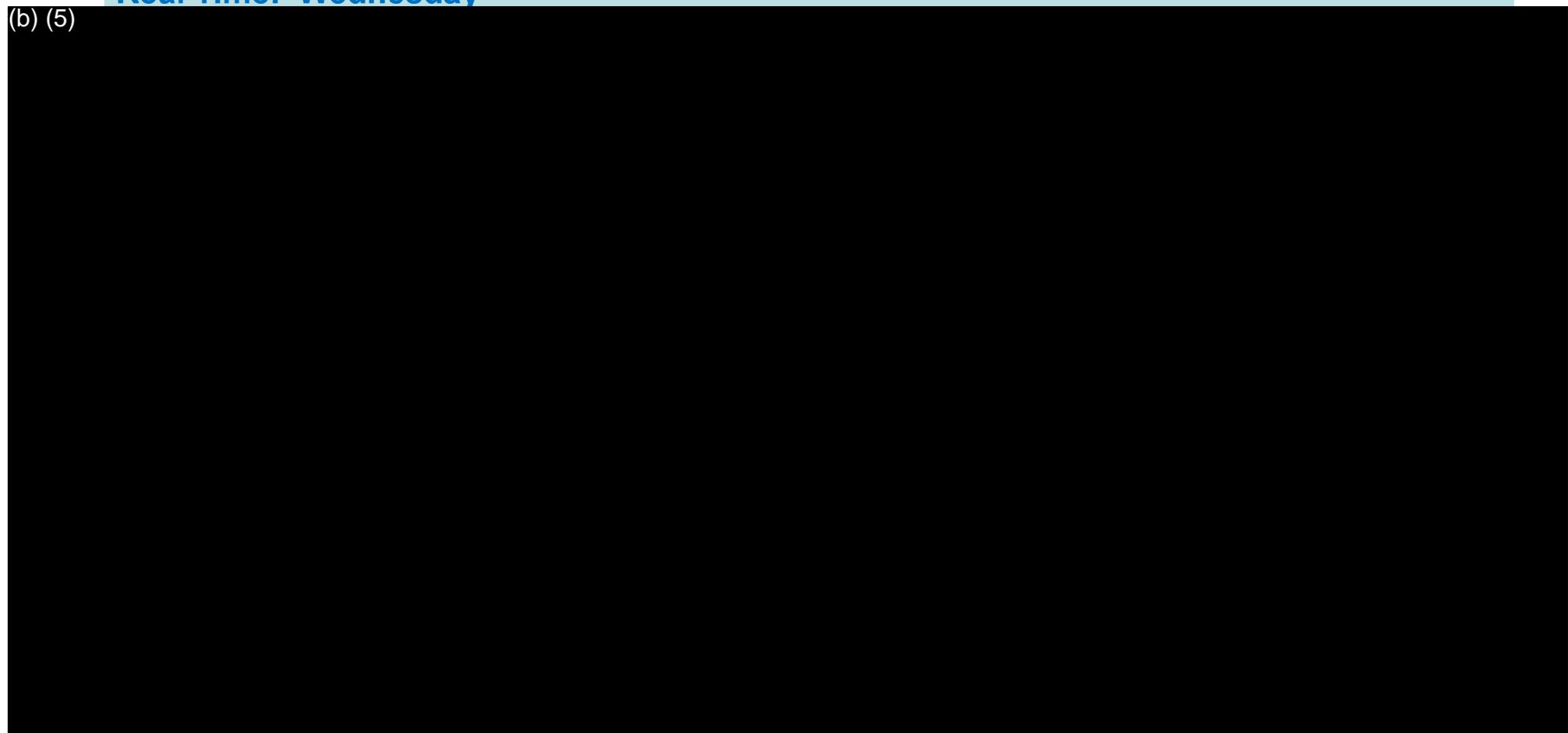
Day Ahead Operations Planning and Marketing: Wednesday

(b) (5)

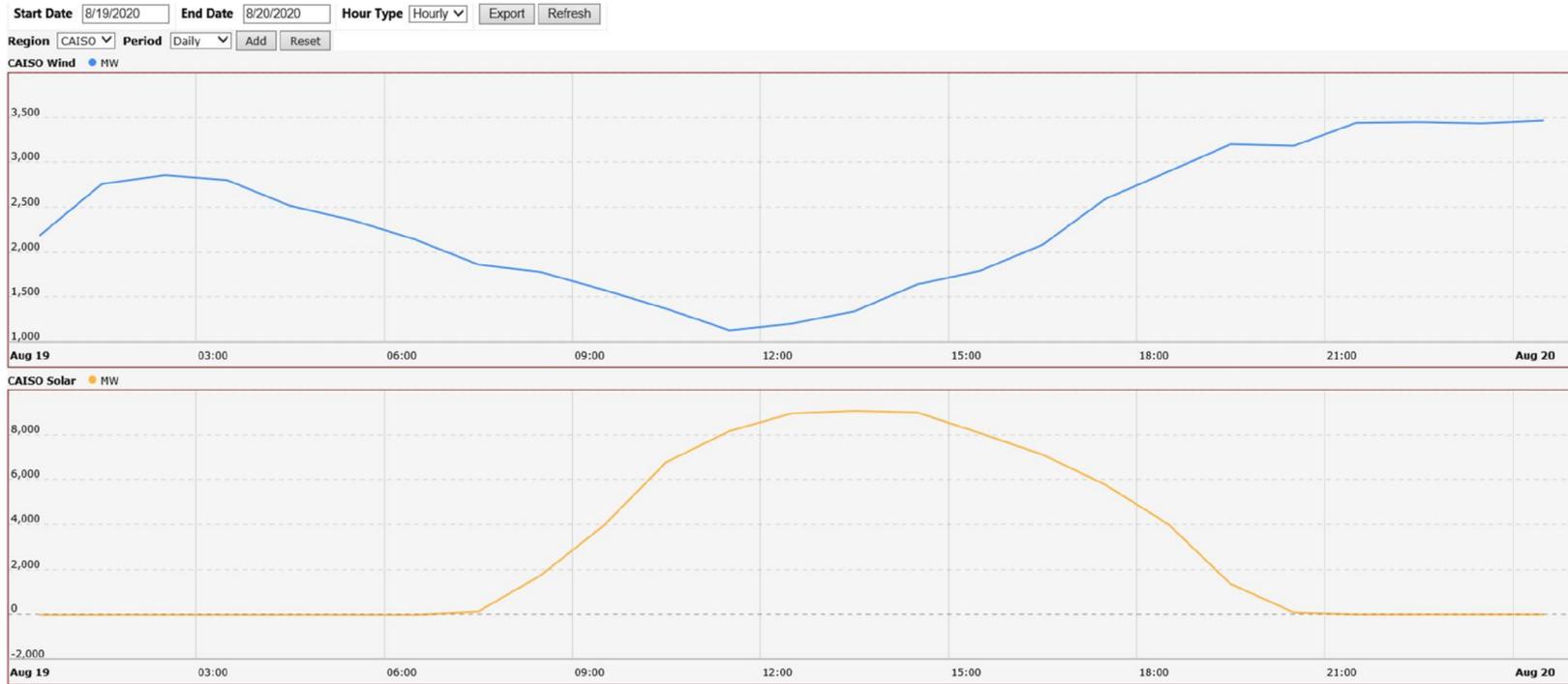


Real Time: Wednesday

(b) (5)

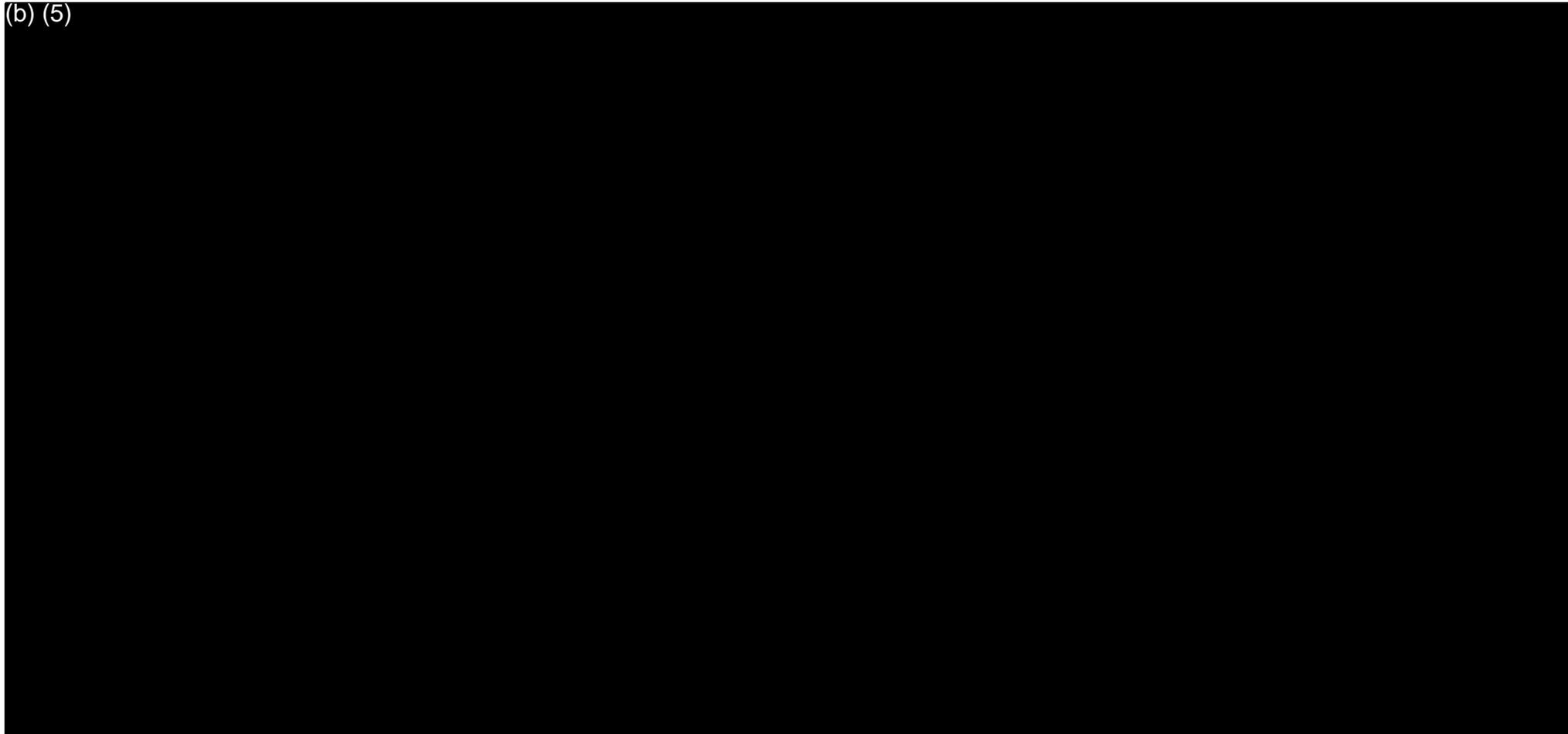


CAISO Wind & Solar – Wednesday



Day Ahead Rules of Engagement

(b) (5)



EEA Defined

An Energy Emergency Alert (EEA) may be initiated only by a Reliability Coordinator at 1) the Reliability Coordinator's own request, or 2) upon the request of an energy deficient Balancing Authority.

EEA 1 — All available generation resources in use.

Circumstances:

The Balancing Authority is experiencing conditions where all available generation resources are committed to meet firm Load, firm transactions, and reserve commitments, and is concerned about sustaining its required Contingency Reserves.

Non-firm wholesale energy sales (other than those that are recallable to meet reserve requirements) have been curtailed.

EEA 2 — Load management procedures in effect.

Circumstances:

The Balancing Authority is no longer able to provide its expected energy requirements and is an energy deficient Balancing Authority.

An energy deficient Balancing Authority has implemented its Operating Plan(s) to mitigate Emergencies.

An energy deficient Balancing Authority is still able to maintain minimum Contingency Reserve requirements.

During EEA 2, Reliability Coordinators and energy deficient Balancing Authorities have the following responsibilities:

EEA 3 — Firm Load interruption is imminent or in progress.

Circumstances:

The energy deficient Balancing Authority is unable to meet minimum Contingency Reserve requirements.

During EEA 3, Reliability Coordinators and Balancing Authorities have the following responsibilities:

Continue actions from EEA 2. The Reliability Coordinators and the energy deficient Balancing Authority shall continue to take all actions initiated during EEA 2.

Declaration Period. The energy deficient Balancing Authority shall update its Reliability Coordinator of the situation at a minimum of every hour until the EEA 3 is terminated. The Reliability Coordinator shall update the energy deficiency information posted on the RCIS website as changes occur and pass this information on to the neighboring Reliability Coordinators, Balancing Authorities, and Transmission Operators.

Reevaluating and revising SOLs and IROLs. The Reliability Coordinator shall evaluate the risks of revising SOLs and IROLs for the possibility of delivery of energy to the energy deficient Balancing Authority. Reevaluation of SOLs and IROLs shall be coordinated with other Reliability Coordinators and only with the agreement of the Transmission Operator whose Transmission Owner (TO) equipment would be affected. SOLs and IROLs shall only be revised as long as an EEA 3 condition exists, or as allowed by the Transmission Owner whose equipment is at risk.

The following are minimum requirements that must be met before SOLs or IROLs are revised:

Energy deficient Balancing Authority obligations. The energy deficient Balancing Authority, upon notification from its Reliability Coordinator of the situation, it will immediately take whatever actions are necessary to mitigate any undue risk to the Interconnection. These actions may include Load shedding.

BPA Emergency Energy Protocols

“If a utility is unable to acquire sufficient supplies in the market place to meet its firm load obligations and Bonneville is not offering surplus energy, the requesting utility will need to confirm it has taken the following steps prior to Bonneville deciding whether to make any extraordinary operations changes to generate additional supplies that would have the effect of interrupting hydro operations mitigation measures implemented to protect ESA-listed fish species.”

1. Merchant Alert
2. Work through its BA to have the RC West issue appropriate EEA
3. After issuing EEA-2, utility must also have:
 - a) Curtailed sales that won't have adverse impact to human health and safety
 - b) Increase any possibly generation
 - c) Made a public appeal for power conservation if time permits

Hydro Scheduler (PGSD) will assess FCRPS hydro operations and seek permission from VP Generation Supply before interrupt hydro operations to generate additional power contingent on Real Time Marketers (PTFR) ability to acquire transmission and schedule emergency power.

From: Henderson,Michael R (BPA) - CBC-7

Sent: Wed Aug 26 08:33:25 2020

To: McDonald,Thomas A (BPA) - C-7; Cooper,Suzanne B (BPA) - PT-5; Johnson,Tim A (BPA) - LP-7; Coseo,Nadine M (BPA) - FT-2; Connolly,Kieran P (BPA) - PG-5

Cc: Spain,Alex J (MFE)(BPA) - PTF-5; Federovitch,Eric C (BPA) - PTM-5; Alders,Kyna L (BPA) - PG-5; Palandri,Anthony (BPA) - CBC-7; Tran,Tu T (BPA) - CBC-7; Green,Mitchell R (BPA) - CBC-7

Subject: PGE Third Quarter Realized Losses of \$104 Million

Importance: Normal

Good morning – As you are probably aware, PGE provided a press release on Monday, August 24 (link below) summarizing third quarter losses of \$104M. They've also filed form 8-K with the SEC, notifying shareholders and investors of this major event. Below are some key points from their press release:

- *Third Quarter Realized Losses of \$104 Million and Unrealized Mark-to-Market Losses of \$23 Million in the Company's Energy Trading Portfolio as of August 24, 2020*
- *Total Third Quarter Losses in the Portfolio are Estimated to be Up to \$155 Million Subject to Market Conditions*
- *No Impact Expected to Dividend Guidance or Long-Term EPS Growth Rate; Company Remains Financially Sound, with Ample Liquidity*

PGE has not provided details around the trades that resulted in the losses yet, but indicated the recent surge in prices and transmission constraints were contributing factors. PGE has developed a special committee and hired outside consultants to assist in understanding what happened and provide recommendations for changes to their

risk management program.

(b) (5)



We will continue to monitor the situation as it unfolds, particularly as it relates to changes and improvements in PGE's Risk Management program.

PGE Press Release

https://portlandgeneral.com/our-company/news-room/news-releases/2020/08-24-2020-portland-general-electric-provides-business-update?_ga=2.250228870.1419718019.1598301755-1692792251.1593098841

PGE SEC Disclosure

<https://investors.portlandgeneral.com/node/17091/html#ex993employeeeml.htm>

Mike

From: Cooper,Suzanne B (BPA) - PT-5
Sent: Wed Aug 26 12:50:12 2020
To: Cook,Joel D (BPA) - P-6; Manary,Michelle L (BPA) - F-2
Cc: Spain,Alex J (MFE)(BPA) - PTF-5; Symonds,Mark C (BPA) - B-3
Subject: RE: BPA's Heat Wave Results (Not another PGE)
Importance: Normal

Thanks, Michelle. You'll see in the slides for tomorrow that we broke out the financials as part of showing the net revenue during this event. Feel free to chime in tomorrow if there's more to add.

From: Cook,Joel D (BPA) - P-6 <jdcook@bpa.gov>
Sent: Wednesday, August 26, 2020 9:41 AM
To: Manary,Michelle L (BPA) - F-2 <mlmanary@bpa.gov>; Cooper,Suzanne B (BPA) - PT-5 <sbcooper@bpa.gov>
Subject: RE: BPA's Heat Wave Results (Not another PGE)

Thank you.

From: Manary,Michelle L (BPA) - F-2 <mlmanary@bpa.gov <<mailto:mlmanary@bpa.gov>>>
Sent: Wednesday, August 26, 2020 9:03 AM
To: Cooper,Suzanne B (BPA) - PT-5 <sbcooper@bpa.gov <<mailto:sbcooper@bpa.gov>>>; Cook,Joel D (BPA) - P-6 <jdcook@bpa.gov <<mailto:jdcook@bpa.gov>>>
Subject: FW: BPA's Heat Wave Results (Not another PGE)

Looks like my crew was working with yours and risk already so no different news here. Below is the write-up.

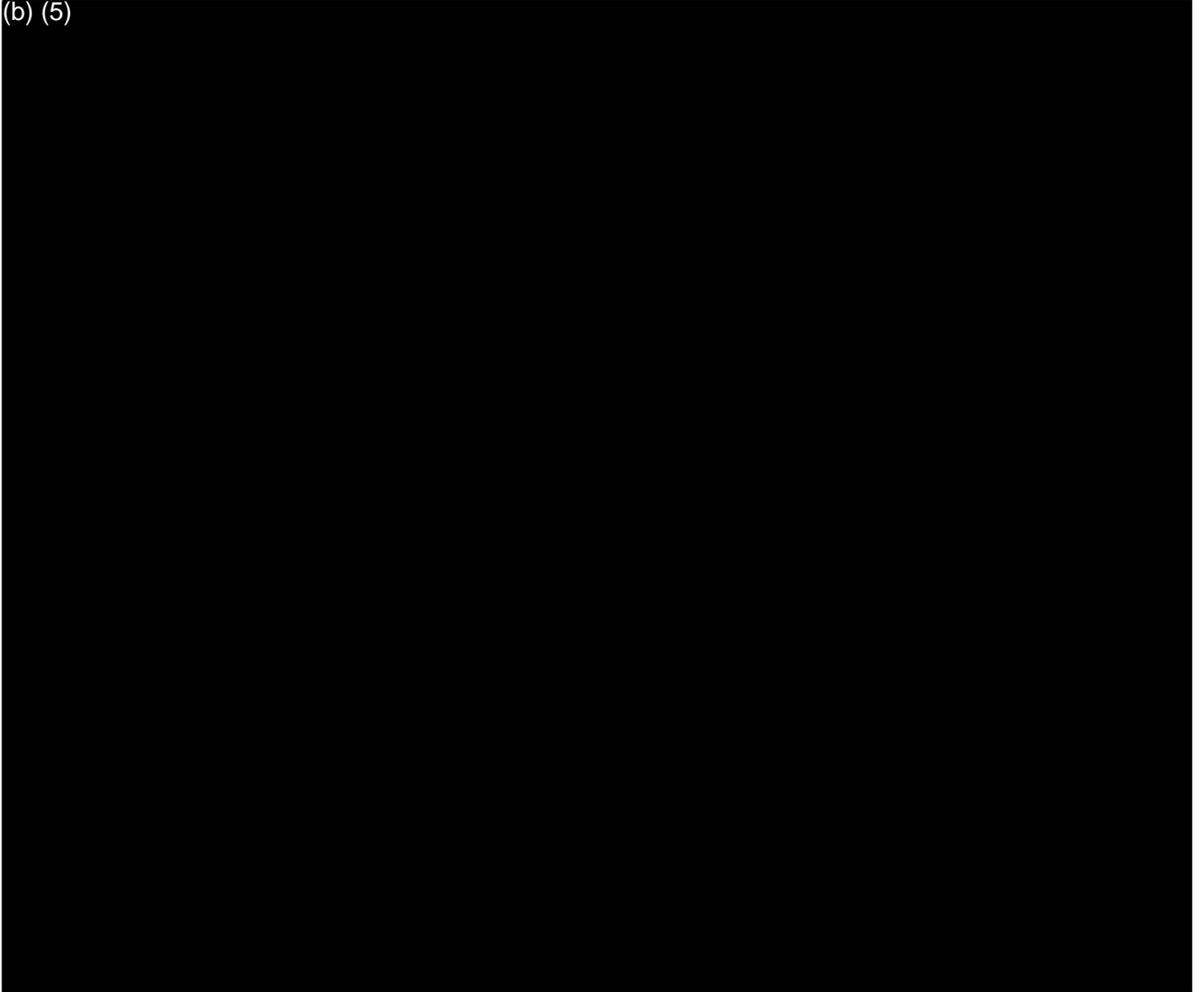
Michelle

From: Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov <<mailto:bmagre@bpa.gov>>>
Sent: Wednesday, August 26, 2020 8:52 AM
To: Manary,Michelle L (BPA) - F-2 <mlmanary@bpa.gov <<mailto:mlmanary@bpa.gov>>>; Dunning,Christopher G (BPA) - F-2 <cgdunning@bpa.gov <<mailto:cgdunning@bpa.gov>>>; Kintz,Jesse H (BPA) - F-2 <jhkintz@bpa.gov <<mailto:jhkintz@bpa.gov>>>; Coseo,Nadine M (BPA) - FT-2 <nmcoseo@bpa.gov <<mailto:nmcoseo@bpa.gov>>>; Wittig,Veronica (BPA) - FR-2 <vxwittig@bpa.gov <<mailto:vxwittig@bpa.gov>>>
Cc: Heim,Darren L (BPA) - PTL-5 <dlheim@bpa.gov <<mailto:dlheim@bpa.gov>>>
Subject: BPA's Heat Wave Results (Not another PGE)

00000014

Michelle,

(b) (5)



<https://portlandgeneral.com/our-company/news-room/portland-general-electric-provides-business-up-date>

Thank you,

Ben Agre

Pronouns (he, him, his)

Accountant

Technical Accounting Group (FRT)

Bonneville Power Administration

Phone: (503) 230-4952 | Email: bmagre@bpa.gov <mailto:bmagre@bpa.gov>

From: Postrel,Ethan D (BPA) - FRT-2

Sent: Wed Aug 26 07:36:55 2020

To: Agre,Benjamin M (BPA) - FRT-2; ADL_FRT_BPA_ONLY

Subject: RE: [EXTERNAL] Daily Statement For Date 2020-08-25, for ID 37665, RPTID dpdfstm

Importance: Normal

(b) (5)

-----Original Message-----

From: Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov>

Sent: Wednesday, August 26, 2020 7:36 AM

To: ADL_FRT_BPA_ONLY <ADL_FRT_BPA_ONLY@BPASite1.bpa.gov>

Subject: FW: [EXTERNAL] Daily Statement For Date 2020-08-25, for ID 37665, RPTID dpdfstm

(b) (5)

Thank you,

Ben Agre

Pronouns (he, him, his)

Accountant

Technical Accounting Group (FRT)

BONNEVILLE POWER ADMINISTRATION

Phone: (503) 230-4952 | Email: bmagre@bpa.gov

-----Original Message-----

From: ADMIS Reports <admis.reports@admis.com>

Sent: Tuesday, August 25, 2020 7:00 PM

To: Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov>

Subject: [EXTERNAL] Daily Statement For Date 2020-08-25, for ID 37665, RPTID dpdfstm

a. Report Name = Daily Statements

b. Report For = 37665

c. For Business Date = 2020-08-25

d. For Report = dpdfstm

e. Run Date = 20200825 21:08:12

f. Environment = MEM

View your daily and monthly statements and get up to date live account information online at the ADMIS Membersite Simply login here:
<https://members1.admis.com/Account/Login> with your username/password. Contact supportdesk@admis.com if you need any assistance with
username/password.

From: Palandri,Anthony (BPA) - CBC-7

Sent: Thu Aug 27 14:23:51 2020

To: Cooper,Suzanne B (BPA) - PT-5; Johnson,Tim A (BPA) - LP-7; McDonald,Thomas A (BPA) - C-7; Coseo,Nadine M (BPA) - FT-2

Cc: Dunning,Christopher G (BPA) - F-2; Freudenthal,Michael J (BPA) - CN-7; Cocks,Michael D (BPA) - PTM-5; DeForest,Lon C (BPA) - PTM-5; Dernovsek,David K (BPA) - PTF-5; Federovitch,Eric C (BPA) - PTM-5; Germer,Matthew J (BPA) - PTM-5; Harris,Marcus A (BPA) - K-7; Henderson,Michael R (BPA) - CBC-7; Hansen,Hanh M (BPA) - FRP-2; Le,Nga (Dan) (MFE)(BPA) - PTF-5; Miller,Mark E (MFE)(BPA) - PTL-5; Schaeffer,Virginia K (BPA) - LG-7; Spain,Alex J (MFE)(BPA) - PTF-5; Westman,Erik D (BPA) - CBE-7; Josephson,Ryan D (BPA) - FTO-2; Gaube,Stephen J (BPA) - PTF-5; Annamalai,Maler V (BPA) - PGPO-5; Allen,Adrian S (BPA) - PTL-5; Heim,Darren L (BPA) - PTL-5; Weinstein,Jason C (BPA) - PSS-6; Tran,Tu T (BPA) - CBC-7; Shea,Jessica C (BPA) - CBE-7; Upham,Kimberly A (BPA) - PSS-6; French,Jeffrey D (BPA) - CBC-7; Davidson,Bradley G (MFE)(BPA) - PTF-5; Mills,Justin Z (MFE)(BPA) - PTF-5; Cook,Joel D (BPA) - P-6; Agre,Benjamin M (BPA) - FRT-2; Pompel,Marie A (BPA) - PTM-5; Deuber,Thomas S (BPA) - PTM-5; Naef,Amber L (BPA) - FRT-2; Bleiler,Damen C (BPA) - FTL-2; Petty,Robert J (BPA) - PGP-5; Miller,Todd E (BPA) - LP-7; Egerdahl,Ryan J (BPA) - PGPR-5; Postrel,Ethan D (BPA) - FRT-2; Jain,Neel R (CONTR) - CBC-7; Rodrigues,Melissa Y (BPA) - CBC-7; Ludwig,Stephanie L (MFE)(BPA) - PTFR-5

Subject: Daily Risk Report 08-27-2020

Importance: Normal

Attachments: image001.png

Daily Risk Report Link:

[Today's Daily Risk Report](#)

(b) (2)

Note: This email and/or the attached files are **not to be distributed** or forwarded to anyone who is not on the approved distribution list.

From: Pu-Folkes, Christiane

Sent: Thu Sep 03 08:11:02 2020

To: Agre,Benjamin M (BPA) - FRT-2; Postrel,Ethan D (BPA) - FRT-2; Sotelo, David

Cc: ADL_FRT_BPA_ONLY; Penn,Kristin M (BPA) - FRF-2; Accounts Receivable FTOA; Cash Forecasting; NYAdministration; Calhoun,Karla R (CONTR) - FTOA-2; Palandri,Anthony (BPA) - CBC-7

Subject: [EXTERNAL] RE: [EXTERNAL] Margin Excess 92233

Importance: Normal

Attachments: image001.png

Good Morning Ben,
We will remit funds as requested.
Have a great day

Stay Safe!

Christiane Pu-folkes
Client Support Manager
ADM Investor Services Inc.
One Penn Plaza
Suite 4421
New York, NY 10119

t +1.212.785.1555
admis.com

From: Spain,Alex J (MFE)(BPA) - PTF-5

Sent: Thu Sep 03 09:04:07 2020

To: Mills,Justin Z (MFE)(BPA) - PTF-5; Sotelo, David

Cc: Agre,Benjamin M (BPA) - FRT-2

Subject: RE: [EXTERNAL] BPA - Pls add EQUUS for ICE Clearing

Importance: Normal

Attachments: image001.png; image003.png

Correct

From: Mills,Justin Z (MFE)(BPA) - PTF-5 <jzmills@bpa.gov>

Sent: Thursday, September 3, 2020 9:02 AM

To: Sotelo, David <David.Sotelo@admis.com>; Spain,Alex J (MFE)(BPA) - PTF-5 <ajspain@bpa.gov>

Cc: Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov>

Subject: RE: [EXTERNAL] BPA - Pls add EQUUS for ICE Clearing

That is correct. Thank you David!

Thanks,

** **

Justin Mills | Day-Ahead Trader | Bonneville Power Administration

503.230.5855 | jzmills@bpa.gov |

From: Sotelo, David <David.Sotelo@admis.com>

Sent: Thursday, September 3, 2020 8:59 AM

To: Spain,Alex J (MFE)(BPA) - PTF-5 <ajspain@bpa.gov>
Cc: Mills,Justin Z (MFE)(BPA) - PTF-5 <jzmills@bpa.gov>; Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov>
Subject: [EXTERNAL] RE: [EXTERNAL] BPA - Pls add EQUUS for ICE Clearing

Alex,

We added the below broker –it’s the only Equus entity on ICE – confirm the name with broker please.

From: Spain,Alex J (MFE)(BPA) - PTF-5 [<mailto:ajspain@bpa.gov>]
Sent: Thursday, September 03, 2020 10:45 AM
To: Sotelo, David <David.Sotelo@admis.com>
Cc: Mills,Justin Z (MFE)(BPA) - PTF-5 <jzmills@bpa.gov>; Agre,Benjamin M (BPA) - FRT-2 <bmagre@bpa.gov>
Subject: [EXTERNAL] BPA - Pls add EQUUS for ICE Clearing

David,

Please add the broker EQUUS to the approved brokers BPA can clear Financial Power. We have this ability thru our broker TULLET, but need the same optionality to be extended to EQUUS. We have a Financial with EQUUS that was traded this morning.
 Can we set-up the Clearing arrangement with EQUUS today?

I have cc’d Ben and the trader, Justin Mills, for awareness.

Alex Spain
Trading Floor Manager
BPA
503-230-5780

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This message may contain confidential or privileged information, or information that is otherwise exempt from

disclosure. If you are not the intended recipient, you should promptly delete it and should not disclose, copy or distribute it to others.

If you do restrict access to external connections by IP, then you will need to whitelist the additional IP shown above (ADD

Additional IP: (b) (2)

You will need to allow both IP's. ADMIS encourages you to use Telnet to test connectivity to the new additional IP.

If you have problems connecting to the new IP, please contact ADMIS Support Desk at supportdesk@admis.com

**The additional IP (b) (2) is being added to our SFTP hosting service on Saturday September 12th. **

Thank you,

Matt

&n Matt King

bsp Vice President Trading Services

; ADM Investor Services Inc.

141 W. Jackson Blvd

Suite 2100A

Chicago, IL 60604

t +1.312.242.7262

admis.com

Log into ADM to download reports

****Do this for the last business day of the month after the statement is issued** since reports are overridden each day.**

1. Run report* Position Details to Excel. Copy and paste it over the data in the PositionDetails tab. Ensure the formulas are calculating appropriately.
2. Run report* Realized MTD to Excel. Copy and paste it over the data in the Realized_MTD tab. Ensure the formulas are calculating appropriately.
3. Run report* Trades MTD to Excel. Copy and paste it over the data in the Trades_MTD tab. Ensure the formulas are calculating appropriately.

*Log into ADM > Report Center > Interactive Reports > Office: 988 > Account: (b) (2)

Update FinFutures Summary

1. Save the monthly statement to the Monthly Reports folder in Backofc.
2. On the second to last page that includes the account summary, highlight the Ending Acct Balance, Net Futures P&L, and Fut Open Trade Equity lines of t
3. Manually key the Ending Acct Balance in cell B8 and Interst Income in cell B49.
4. The rest of the data should update accordingly based on the report tabs.
5. Verify the highlighted numbers calculated tie to the highlighted numbers in the statement.
6. Include the FinFutures Summary tab in the monthly checklist and reports file.



the statement in the corresponding colors.

Unrealized Gains	\$	715,838.00
Unrealized Losses	\$	(781,166.00)
Realized Gain	\$	1,020,194.00
Realized Loss	\$	-
Total Fees	\$	(9,003.38)

BONNEVILLE POWER ADMIN
ATTN: DARREN HEIM
905 NE 11TH AVE MAIL
PORTLAND OR 97232

3. Ending Acct Balance	\$	8,005,089.32
4. Net Futures P&L	\$	1,011,190.62
6. Fut Open Trade Equity	\$	(65,328.00)

DATE	LONG/BUY	SH
8/14/9		
8/14/9		
8/14/9		

- 1. BEGINNING ACCT BALANCE
- 2. P&L AND CASH ACTIVITY
- 3. ENDING ACCT BALANCE
- 4. NET FUTURES P&L
- 6. FUT OPEN TRADE EQUITY
- 9. ACCT VALUE AT MARKET
- 11. CONVERTED ACCT VALUE US

FUTURES P&L

Interest Income	\$	-	(N/A for August 2020)
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INTRODUCED BY: ADM INVESTOR SERVICES :
 (212)785-8299

ISTRATION
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IF YOU HAVE ANY QUESTIONS OR ISSUES
 REGARDING YOUR STATEMENT THAT YOU
 ARE UNABLE TO RESOLVE WITH YOUR BROKER,
 PLEASE CONTACT ADMIS CUSTOMER SERVICE AT
 1/800/654-0461 or 312/242-7200.

IRT/SELL	DESCRIPTION	EX	PRICE/LEGND	CC	DEBIT
25	APR 21 ICE MID-C PWR	J	11.00	US	19,760.00
25*	OPEN TRADE EQUITY		13.60		19,760.00*
	AVERAGE SHORT: 11.00000				
25	MAY 21 ICE MID-C PWR	J	11.00	US	19,760.00
25*	OPEN TRADE EQUITY		9.35		19,760.00*
	AVERAGE SHORT: 11.00000				
25	JUN 21 ICE MID-C PWR	J	11.00	US	9,120.00
25*	OPEN TRADE EQUITY		12.20		9,120.00*
	AVERAGE SHORT: 11.00000				
*** SEG USD ***					
	3,261,712.77				
	4,743,376.55				
	8,005,089.32				
	1,011,190.62				
	65,328.00-				
	7,939,761.32				
	7,939,761.32				
*** CURRENT MONTH *** *** YEAR-TO-DATE ***					
US	1,011,190.62		5,202,900.42		

INC

CREDIT

4,190.00
4,190.00*

Unrealized Gains
 Unrealized Losses
 Future Open Trade Equity

\$ 715,838.00
 \$ (781,166.00)
 \$ (65,328.00)

Position Details

COB	Account	Trade Date	Quantity	Multiplier	Units	Column1	Units Description	Exchange	Exch Commodity Code	Column2
8/31/2020	(b) (2)	20190912	(25)	416.00	(10,400)		MWH	IPE	MDC	
8/31/2020	(b) (2)	20191106	(25)	416.00	(10,400)		MWH	IPE	MDC	
8/31/2020	(b) (2)	20200210	(25)	416.00	(10,400)		MWH	IPE	MDC	
8/31/2020	(b) (2)	20200630	(25)	416.00	(10,400)		MWH	IPE	MDC	
8/31/2020	(b) (2)	20190912	(25)	400.00	(10,000)		MWH	IPE	MDC	
8/31/2020	(b) (2)	20191106	(25)	400.00	(10,000)		MWH	IPE	MDC	
8/31/2020	(b) (2)	20191104	(25)	432.00	(10,800)		MWH	IPE	MDC	
8/31/2020	(b) (2)	20191104	(25)	384.00	(9,600)		MWH	IPE	MDC	
8/31/2020	(b) (2)	20191104	(25)	416.00	(10,400)		MWH	IPE	MDC	
8/31/2020	(b) (2)	20200818	(25)	416.00	(10,400)		MWH	IPE	MDC	
8/31/2020	(b) (2)	20200818	(25)	400.00	(10,000)		MWH	IPE	MDC	
8/31/2020	(b) (2)	20200818	(25)	416.00	(10,400)		MWH	IPE	MDC	
8/31/2020	(b) (2)	20200812	(6)	400.00	(2,400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200812	(6)	400.00	(2,400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200812	(4)	400.00	(1,600)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200812	(6)	400.00	(2,400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200813	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200813	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200813	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200813	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200813	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200813	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200813	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200813	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200814	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200814	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200814	(2)	400.00	(800)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200814	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200818	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200818	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200818	(1)	400.00	(400)		MWH	IPE	MPD	
8/31/2020	(b) (2)	20200812	(32)	25.00	(800)		MWH	IPE	MXO	
8/31/2020	(b) (2)	20200812	(32)	25.00	(800)		MWH	IPE	MXO	
8/31/2020	(b) (2)	20200812	(32)	25.00	(800)		MWH	IPE	MXO	
8/31/2020	(b) (2)	20200812	(32)	25.00	(800)		MWH	IPE	MXO	
8/31/2020	(b) (2)	20200814	(16)	25.00	(400)		MWH	IPE	MXO	
8/31/2020	(b) (2)	20200814	(16)	25.00	(400)		MWH	IPE	MXO	

8/31/2020	(b) (2)	20200814	(16)	25.00	(400)		MWH	IPE	MXO	
8/31/2020		20200814	(16)	25.00	(400)		MWH	IPE	MXO	
8/31/2020		20200825	(25)	337.00	(8,425)		MWH	IPE	OMC	
8/31/2020		20190814	(25)	304.00	(7,600)		MWH	IPE	OMC	
8/31/2020		20190814	(25)	344.00	(8,600)		MWH	IPE	OMC	
8/31/2020		20190814	(25)	304.00	(7,600)		MWH	IPE	OMC	

Product	Peak / Offpeak	Contract Month Year	Option Type	Trade Price	Strike	Settlement Price	Mark to Market	Last Trading Date
ICE MID C PEAK	Peak	202008		41.0000		37.8900	32,344.00	20200831
ICE MID C PEAK	Peak	202008		46.0000		37.8900	84,344.00	20200831
ICE MID C PEAK	Peak	202008		48.5000		37.8900	110,344.00	20200831
ICE MID C PEAK	Peak	202008		32.7500		37.8900	(53,456.00)	20200831
ICE MID C PEAK	Peak	202009		41.0000		68.4900	(274,900.00)	20200930
ICE MID C PEAK	Peak	202009		46.0000		68.4900	(224,900.00)	20200930
ICE MID C PEAK	Peak	202010		33.5000		30.8500	28,620.00	20201030
ICE MID C PEAK	Peak	202011		33.5000		35.8500	(22,560.00)	20201130
ICE MID C PEAK	Peak	202012		33.5000		43.9000	(108,160.00)	20201231
ICE MID C PEAK	Peak	202104		19.0000		19.8000	(8,320.00)	20210430
ICE MID C PEAK	Peak	202105		19.0000		16.0500	29,500.00	20210528
ICE MID C PEAK	Peak	202106		19.0000		22.5000	(36,400.00)	20210630
ICE MDCOL DPP	Peak	20200828		44.0000		19.1600	59,616.00	20200828
ICE MDCOL DPP	Peak	20200829		44.0000		19.1600	59,616.00	20200829
ICE MDCOL DPP	Peak	20200830		26.0000		22.3100	5,904.00	20200830
ICE MDCOL DPP	Peak	20200831		44.0000		32.2100	28,296.00	20200831
ICE MDCOL DPP	Peak	20200828		51.0000		19.1600	12,736.00	20200828
ICE MDCOL DPP	Peak	20200828		54.0000		19.1600	13,936.00	20200828
ICE MDCOL DPP	Peak	20200829		51.0000		19.1600	12,736.00	20200829
ICE MDCOL DPP	Peak	20200829		54.0000		19.1600	13,936.00	20200829
ICE MDCOL DPP	Peak	20200831		51.0000		32.2100	7,516.00	20200831
ICE MDCOL DPP	Peak	20200831		54.0000		32.2100	8,716.00	20200831
ICE MDCOL DPP	Peak	20200828		70.0000		19.1600	20,336.00	20200828
ICE MDCOL DPP	Peak	20200829		70.0000		19.1600	20,336.00	20200829
ICE MDCOL DPP	Peak	20200830		30.0000		22.3100	6,152.00	20200830
ICE MDCOL DPP	Peak	20200831		70.0000		32.2100	15,116.00	20200831
ICE MDCOL DPP	Peak	20200828		100.0000		19.1600	32,336.00	20200828
ICE MDCOL DPP	Peak	20200829		100.0000		19.1600	32,336.00	20200829
ICE MDCOL DPP	Peak	20200831		100.0000		32.2100	27,116.00	20200831
ICE MDCL DOPP	OffPeak	20200828		26.0000		15.7900	8,168.00	20200828
ICE MDCL DOPP	OffPeak	20200829		26.0000		15.7900	8,168.00	20200829
ICE MDCL DOPP	OffPeak	20200830		26.0000		22.3100	2,952.00	20200830
ICE MDCL DOPP	OffPeak	20200831		26.0000		22.3100	2,952.00	20200831
ICE MDCL DOPP	OffPeak	20200828		30.0000		15.7900	5,684.00	20200828
ICE MDCL DOPP	OffPeak	20200829		30.0000		15.7900	5,684.00	20200829

ICE MDCL DOPP	OffPeak	20200830		30.0000		22.3100	3,076.00	20200830
ICE MDCL DOPP	OffPeak	20200831		30.0000		22.3100	3,076.00	20200831
ICE MID-C PWR	OffPeak	202011		26.5000		29.3000	(23,590.00)	20201130
ICE MID-C PWR	OffPeak	202104		11.0000		13.6000	(19,760.00)	20210430
ICE MID-C PWR	OffPeak	202105		11.0000		9.3500	14,190.00	20210528
ICE MID-C PWR	OffPeak	202106		11.0000		12.2000	(9,120.00)	20210630

Underlying Future	Underlying Contract Month Year	Trade Price Dec	Settlement Price Dec	Exc Fees	Clear Fees	NFA Fees	Commi	Other Fees
		41.0000	37.8900	(102.50)	0.00	(0.50)	(128.25)	0.00
		46.0000	37.8900	(76.87)	0.00	(0.50)	(128.25)	0.00
		48.5000	37.8900	(76.87)	0.00	(0.50)	(128.25)	0.00
		32.7500	37.8900	(102.50)	0.00	(0.50)	(128.25)	0.00
		41.0000	68.4900	(102.50)	0.00	(0.50)	(128.25)	0.00
		46.0000	68.4900	(76.87)	0.00	(0.50)	(128.25)	0.00
		33.5000	30.8500	(76.87)	0.00	(0.50)	(128.25)	0.00
		33.5000	35.8500	(76.87)	0.00	(0.50)	(128.25)	0.00
		33.5000	43.9000	(76.87)	0.00	(0.50)	(128.25)	0.00
		19.0000	19.8000	(102.50)	0.00	(0.50)	(128.25)	0.00
		19.0000	16.0500	(102.50)	0.00	(0.50)	(128.25)	0.00
		19.0000	22.5000	(102.50)	0.00	(0.50)	(128.25)	0.00
		44.0000	19.1600	(18.00)	0.00	(0.12)	(30.00)	0.00
		44.0000	19.1600	(18.00)	0.00	(0.12)	(30.00)	0.00
		26.0000	22.3100	(12.00)	0.00	(0.08)	(20.00)	0.00
		44.0000	32.2100	(18.00)	0.00	(0.12)	(30.00)	0.00
		51.0000	19.1600	(3.00)	0.00	(0.02)	(5.00)	0.00
		54.0000	19.1600	(3.00)	0.00	(0.02)	(5.00)	0.00
		51.0000	19.1600	(3.00)	0.00	(0.02)	(5.00)	0.00
		54.0000	19.1600	(3.00)	0.00	(0.02)	(5.00)	0.00
		51.0000	32.2100	(3.00)	0.00	(0.02)	(5.00)	0.00
		54.0000	32.2100	(3.00)	0.00	(0.02)	(5.00)	0.00
		70.0000	19.1600	(3.00)	0.00	(0.02)	(5.00)	0.00
		70.0000	19.1600	(3.00)	0.00	(0.02)	(5.00)	0.00
		30.0000	22.3100	(6.00)	0.00	(0.04)	(10.00)	0.00
		70.0000	32.2100	(3.00)	0.00	(0.02)	(5.00)	0.00
		100.0000	19.1600	(3.00)	0.00	(0.02)	(5.00)	0.00
		100.0000	19.1600	(3.00)	0.00	(0.02)	(5.00)	0.00
		100.0000	32.2100	(3.00)	0.00	(0.02)	(5.00)	0.00
		26.0000	15.7900	(5.92)	0.00	(0.64)	(32.00)	0.00
		26.0000	15.7900	(5.92)	0.00	(0.64)	(32.00)	0.00
		26.0000	22.3100	(5.92)	0.00	(0.64)	(32.00)	0.00
		26.0000	22.3100	(5.92)	0.00	(0.64)	(32.00)	0.00
		30.0000	15.7900	(2.96)	0.00	(0.32)	(16.00)	0.00
		30.0000	15.7900	(2.96)	0.00	(0.32)	(16.00)	0.00

		30.0000	22.3100	(2.96)	0.00	(0.32)	(16.00)	0.00
		30.0000	22.3100	(2.96)	0.00	(0.32)	(16.00)	0.00
		26.5000	29.3000	(80.00)	0.00	(0.50)	(320.00)	0.00
		11.0000	13.6000	(80.00)	0.00	(0.50)	(320.00)	0.00
		11.0000	9.3500	(80.00)	0.00	(0.50)	(320.00)	0.00
		11.0000	12.2000	(80.00)	0.00	(0.50)	(320.00)	0.00

User ID	Sub Account	REFNO
dle		
dle		2324321
dle		2304429
dle		3091640
dle		
dle		2324321
dle		2492331
dle		2492331
dle		2492331
dle		2985109
dle		2985109
dle		2985109
bdavidson		3014947
bdavidson		3014947
bdavidson		2989235
bdavidson		3014947
bdavidson		2992563
bdavidson		2994503
bdavidson		2992563
bdavidson		2994503
bdavidson		2992563
bdavidson		2994503
bdavidson		2938175
bdavidson		2938175
bdavidson		2937867
bdavidson		2938175
bdavidson		2943602
bdavidson		2943602
bdavidson		2943602
bdavidson		2989235
bdavidson		2937867
bdavidson		2937867

bdauidson		2937867
bdauidson		2937867
dle		3052226
dle		
dle		
dle		

Realized Gain \$ 1,020,194.00
 Realized Loss \$ -

Realized MTD

COB	Account	Seg Type	Quantity	Units	Units Description	Exchange
20200803	(b) (2)	Seg	(325)	(135,200.0)	MWH	IPE
20200803		Seg	(100)	(32,800.0)	MWH	IPE
20200803		Seg	(32)	(800.0)	MWH	IPE
20200803		Seg	(16)	(400.0)	MWH	IPE
20200803		Seg	(2)	(800.0)	MWH	IPE
20200803		Seg	(1)	(400.0)	MWH	IPE
20200803		Seg	3	1,200.0	MWH	IPE
20200803		Seg	48	1,200.0	MWH	IPE
20200803		Seg	100	32,800.0	MWH	IPE
20200803		Seg	325	135,200.0	MWH	IPE
20200804		Seg	(32)	(800.0)	MWH	IPE
20200804		Seg	(16)	(400.0)	MWH	IPE
20200804		Seg	(2)	(800.0)	MWH	IPE
20200804		Seg	(1)	(400.0)	MWH	IPE
20200804		Seg	(1)	(400.0)	MWH	IPE
20200804		Seg	1	400.0	MWH	IPE
20200804		Seg	3	1,200.0	MWH	IPE
20200804		Seg	48	1,200.0	MWH	IPE
20200818		Seg	(32)	(800.0)	MWH	IPE
20200818		Seg	(32)	(800.0)	MWH	IPE
20200818		Seg	(32)	(800.0)	MWH	IPE
20200818		Seg	(6)	(2,400.0)	MWH	IPE
20200818		Seg	(6)	(2,400.0)	MWH	IPE
20200818		Seg	(4)	(1,600.0)	MWH	IPE
20200818		Seg	4	1,600.0	MWH	IPE
20200818		Seg	6	2,400.0	MWH	IPE
20200818		Seg	6	2,400.0	MWH	IPE
20200818		Seg	32	800.0	MWH	IPE

Contract Month	Exch Commodity
202007	MDC
202007	OMC
20200730	MXO
20200730	MXO
20200730	MPD
20200730	MPD
20200730	MPD
20200730	MXO
202007	OMC
202007	MDC
20200731	MXO
20200731	MXO
20200731	MPD
20200731	MPD
20200801	MPD
20200801	MPD
20200731	MPD
20200731	MXO
20200814	MXO
20200815	MXO
20200816	MXO
20200814	MPD
20200815	MPD
20200816	MPD
20200816	MPD
20200814	MPD
20200815	MPD
20200814	MXO

20200818	(b) (2)	Seg	32	800.0	MWH	IPE
20200818		Seg	32	800.0	MWH	IPE
20200819		Seg	(32)	(800.0)	MWH	IPE
20200819		Seg	(12)	(4,800.0)	MWH	IPE
20200819	(b) (2)	Seg	12	4,800.0	MWH	IPE
20200819		Seg	32	800.0	MWH	IPE
20200820		Seg	(48)	(1,200.0)	MWH	IPE
20200820		Seg	(20)	(8,000.0)	MWH	IPE
20200820		Seg	20	8,000.0	MWH	IPE
20200820		Seg	48	1,200.0	MWH	IPE
20200821		Seg	(48)	(1,200.0)	MWH	IPE
20200821		Seg	(20)	(8,000.0)	MWH	IPE
20200821		Seg	20	8,000.0	MWH	IPE
20200821		Seg	48	1,200.0	MWH	IPE
20200824		Seg	(48)	(1,200.0)	MWH	IPE
20200824		Seg	(21)	(8,400.0)	MWH	IPE
20200824		Seg	21	8,400.0	MWH	IPE
20200824		Seg	48	1,200.0	MWH	IPE
20200825		Seg	(48)	(1,200.0)	MWH	IPE
20200825		Seg	(48)	(1,200.0)	MWH	IPE
20200825		Seg	(48)	(1,200.0)	MWH	IPE
20200825		Seg	(21)	(8,400.0)	MWH	IPE
20200825		Seg	(21)	(8,400.0)	MWH	IPE
20200825		Seg	(6)	(2,400.0)	MWH	IPE
20200825		Seg	6	2,400.0	MWH	IPE
20200825		Seg	21	8,400.0	MWH	IPE
20200825		Seg	21	8,400.0	MWH	IPE
20200825		Seg	48	1,200.0	MWH	IPE
20200825		Seg	48	1,200.0	MWH	IPE
20200825		Seg	48	1,200.0	MWH	IPE
20200825		Seg	48	1,200.0	MWH	IPE
20200826		Seg	(48)	(1,200.0)	MWH	IPE
20200826		Seg	(10)	(4,000.0)	MWH	IPE
20200826		Seg	10	4,000.0	MWH	IPE
20200826		Seg	48	1,200.0	MWH	IPE
20200827		Seg	(48)	(1,200.0)	MWH	IPE
20200827		Seg	(10)	(4,000.0)	MWH	IPE
20200827		Seg	10	4,000.0	MWH	IPE
20200827		Seg	48	1,200.0	MWH	IPE

20200815	MXO
20200816	MXO
20200817	MXO
20200817	MPD
20200817	MPD
20200817	MXO
20200818	MXO
20200818	MPD
20200818	MPD
20200818	MXO
20200819	MXO
20200819	MPD
20200819	MPD
20200819	MXO
20200820	MXO
20200820	MPD
20200820	MPD
20200820	MXO
20200821	MXO
20200822	MXO
20200823	MXO
20200821	MPD
20200822	MPD
20200823	MPD
20200823	MPD
20200821	MPD
20200822	MPD
20200821	MXO
20200822	MXO
20200823	MXO
20200824	MXO
20200824	MPD
20200824	MPD
20200824	MXO
20200825	MXO
20200825	MPD
20200825	MPD
20200825	MXO

20200828	(b) (2)	Seg	(48)	(1,200.0)	MWH	IPE
20200828		Seg	(10)	(4,000.0)	MWH	IPE
20200828		Seg	10	4,000.0	MWH	IPE
20200828		Seg	48	1,200.0	MWH	IPE
20200831		Seg	(48)	(1,200.0)	MWH	IPE
20200831		Seg	(10)	(4,000.0)	MWH	IPE
20200831		Seg	10	4,000.0	MWH	IPE
20200831		Seg	48	1,200.0	MWH	IPE

20200826	MXO
20200826	MPD
20200826	MPD
20200826	MXO
20200827	MXO
20200827	MPD
20200827	MPD
20200827	MXO

Product	Strike	Option	Type	Currency	Realized	Total Fees	Realized	Exc Fees	Clear Fees	NFA Fees	Commi	Other Fees
ICE MID C PEAK				USD	1074840	(2,852.47)	1,071,987.53	(1,178.72)	0.00	(6.50)	(1,667.25)	0.00
ICE MID-C PWR				USD	158178	(1,542.00)	156,636.00	(260.00)	0.00	(2.00)	(1,280.00)	0.00
ICE MDCL DOPP				USD	168	(38.06)	129.94	(5.42)	0.00	(0.64)	(32.00)	0.00
ICE MDCL DOPP				USD	1984	(19.28)	1,964.72	(2.96)	0.00	(0.32)	(16.00)	0.00
ICE MDCOL DPP				USD	-8864	(16.04)	(8,880.04)	(6.00)	0.00	(0.04)	(10.00)	0.00
ICE MDCOL DPP				USD	-4632	(8.02)	(4,640.02)	(3.00)	0.00	(0.02)	(5.00)	0.00
ICE MDCOL DPP				USD	0	(18.06)	(18.06)	(3.00)	0.00	(0.06)	(15.00)	0.00
ICE MDCL DOPP				USD	0	(51.84)	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00
ICE MID-C PWR				USD	0	(1,362.00)	(1,362.00)	(80.00)	0.00	(2.00)	(1,280.00)	0.00
ICE MID C PEAK				USD	0	(2,006.87)	(2,006.87)	(333.12)	0.00	(6.50)	(1,667.25)	0.00
ICE MDCL DOPP				USD	168	(38.06)	129.94	(5.42)	0.00	(0.64)	(32.00)	0.00
ICE MDCL DOPP				USD	1984	(19.28)	1,964.72	(2.96)	0.00	(0.32)	(16.00)	0.00
ICE MDCOL DPP				USD	-8864	(16.04)	(8,880.04)	(6.00)	0.00	(0.04)	(10.00)	0.00
ICE MDCOL DPP				USD	-4632	(8.02)	(4,640.02)	(3.00)	0.00	(0.02)	(5.00)	0.00
ICE MDCOL DPP				USD	0	(6.02)	(6.02)	(1.00)	0.00	(0.02)	(5.00)	0.00
ICE MDCOL DPP				USD	-796	(8.02)	(804.02)	(3.00)	0.00	(0.02)	(5.00)	0.00
ICE MDCOL DPP				USD	0	(18.06)	(18.06)	(3.00)	0.00	(0.06)	(15.00)	0.00
ICE MDCL DOPP				USD	0	(51.84)	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCL DOPP				USD	7528	(38.56)	7,489.44	(5.92)	0.00	(0.64)	(32.00)	0.00
ICE MDCL DOPP				USD	7528	(38.56)	7,489.44	(5.92)	0.00	(0.64)	(32.00)	0.00
ICE MDCL DOPP				USD	-11840	(38.56)	(11,878.56)	(5.92)	0.00	(0.64)	(32.00)	0.00
ICE MDCOL DPP				USD	-16968	(48.12)	(17,016.12)	(18.00)	0.00	(0.12)	(30.00)	0.00
ICE MDCOL DPP				USD	-16968	(48.12)	(17,016.12)	(18.00)	0.00	(0.12)	(30.00)	0.00
ICE MDCOL DPP				USD	-23680	(32.08)	(23,712.08)	(12.00)	0.00	(0.08)	(20.00)	0.00
ICE MDCOL DPP				USD	0	(24.08)	(24.08)	(4.00)	0.00	(0.08)	(20.00)	0.00
ICE MDCOL DPP				USD	0	(36.12)	(36.12)	(6.00)	0.00	(0.12)	(30.00)	0.00
ICE MDCOL DPP				USD	0	(36.12)	(36.12)	(6.00)	0.00	(0.12)	(30.00)	0.00
ICE MDCL DOPP				USD	0	(34.56)	(34.56)	(1.92)	0.00	(0.64)	(32.00)	0.00

ICE MDCL DOPP			USD	0	(34.56)	(34.56)	(1.92)	0.00	(0.64)	(32.00)	0.00
ICE MDCL DOPP			USD	0	(34.56)	(34.56)	(1.92)	0.00	(0.64)	(32.00)	0.00
ICE MDCL DOPP			USD	-11840	(38.56)	(11,878.56)	(5.92)	0.00	(0.64)	(32.00)	0.00
ICE MDCOL DPP			USD	-247744	(96.24)	(247,840.24)	(36.00)	0.00	(0.24)	(60.00)	0.00
ICE MDCOL DPP			USD	0	(72.24)	(72.24)	(12.00)	0.00	(0.24)	(60.00)	0.00
ICE MDCL DOPP			USD	0	(34.56)	(34.56)	(1.92)	0.00	(0.64)	(32.00)	0.00
ICE MDCL DOPP			USD	11560	(57.84)	11,502.16	(8.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCOL DPP			USD	-1069680	(160.40)	#####	(60.00)	0.00	(0.40)	(100.00)	0.00
ICE MDCOL DPP			USD	0	(120.40)	(120.40)	(20.00)	0.00	(0.40)	(100.00)	0.00
ICE MDCL DOPP			USD	0	(51.84)	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCL DOPP			USD	15976	(57.84)	15,918.16	(8.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCOL DPP			USD	-387600	(160.40)	(387,760.40)	(60.00)	0.00	(0.40)	(100.00)	0.00
ICE MDCOL DPP			USD	0	(120.40)	(120.40)	(20.00)	0.00	(0.40)	(100.00)	0.00
ICE MDCL DOPP			USD	0	(51.84)	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCL DOPP			USD	23140	(57.84)	23,082.16	(8.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCOL DPP			USD	288548	(168.42)	288,379.58	(63.00)	0.00	(0.42)	(105.00)	0.00
ICE MDCOL DPP			USD	0	(126.42)	(126.42)	(21.00)	0.00	(0.42)	(105.00)	0.00
ICE MDCL DOPP			USD	0	(51.84)	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCL DOPP			USD	13288	(57.84)	13,230.16	(8.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCL DOPP			USD	13288	(57.84)	13,230.16	(8.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCL DOPP			USD	4048	(57.84)	3,990.16	(8.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCOL DPP			USD	366416	(168.42)	366,247.58	(63.00)	0.00	(0.42)	(105.00)	0.00
ICE MDCOL DPP			USD	366416	(168.42)	366,247.58	(63.00)	0.00	(0.42)	(105.00)	0.00
ICE MDCOL DPP			USD	8096	(48.12)	8,047.88	(18.00)	0.00	(0.12)	(30.00)	0.00
ICE MDCOL DPP			USD	0	(36.12)	(36.12)	(6.00)	0.00	(0.12)	(30.00)	0.00
ICE MDCOL DPP			USD	0	(126.42)	(126.42)	(21.00)	0.00	(0.42)	(105.00)	0.00
ICE MDCOL DPP			USD	0	(126.42)	(126.42)	(21.00)	0.00	(0.42)	(105.00)	0.00
ICE MDCL DOPP			USD	0	(51.84)	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCL DOPP			USD	0	(51.84)	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCL DOPP			USD	0	(51.84)	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCL DOPP			USD	4048	(57.84)	3,990.16	(8.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCOL DPP			USD	92640	(80.20)	92,559.80	(30.00)	0.00	(0.20)	(50.00)	0.00
ICE MDCOL DPP			USD	0	(60.20)	(60.20)	(10.00)	0.00	(0.20)	(50.00)	0.00
ICE MDCL DOPP			USD	0	(51.84)	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCL DOPP			USD	7504	(57.84)	7,446.16	(8.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCOL DPP			USD	103360	(80.20)	103,279.80	(30.00)	0.00	(0.20)	(50.00)	0.00
ICE MDCOL DPP			USD	0	(60.20)	(60.20)	(10.00)	0.00	(0.20)	(50.00)	0.00
ICE MDCL DOPP			USD	0	(51.84)	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00

ICE MDCL DOPP				USD	10816	(57.84)	10,758.16	(8.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCOL DPP				USD	115800	(80.20)	115,719.80	(30.00)	0.00	(0.20)	(50.00)	0.00
ICE MDCOL DPP				USD	0	(60.20)	(60.20)	(10.00)	0.00	(0.20)	(50.00)	0.00
ICE MDCL DOPP				USD	0	(51.84)	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCL DOPP				USD	13420	(57.84)	13,362.16	(8.88)	0.00	(0.96)	(48.00)	0.00
ICE MDCOL DPP				USD	123560	(80.20)	123,479.80	(30.00)	0.00	(0.20)	(50.00)	0.00
ICE MDCOL DPP				USD	0	(60.20)	(60.20)	(10.00)	0.00	(0.20)	(50.00)	0.00
ICE MDCL DOPP				USD	0	(51.84)	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00

Other	Other Source	User ID
		dle
		dle
		dle
		jmills4
		dle
		jmills4
		LDN_FIL E
		LDN_FIL E
		LDN_FIL
		LDN_FIL E
		dle
		jmills4
		dle
		jmills4
		LDN_FIL E
		bdavidso n
		LDN_FIL
		LDN_FIL E
		bdavidso
		bdavidso n
		bdavidso n
		bdavidso
		bdavidso n
		bdavidso n
		LDN_FIL

		LDN_FIL E
		LDN_FIL E
		bdavidso
		bdavidso
		LDN_FIL
		LDN_FIL
		bdavidso
		bdavidso
		LDN_FIL
		LDN_FIL
		bdavidso
		bdavidso
		LDN_FIL
		LDN_FIL
		bdavidso n
		bdavidso n
		LDN_FIL E
		LDN_FIL E
		bdavidso n
		bdavidso n
		bdavidso
		LDN_FIL E
		LDN_FIL E
		LDN_FIL
		bdavidso
		bdavidso
		LDN_FIL
		LDN_FIL
		bdavidso
		bdavidso
		LDN_FIL
		LDN_FIL

		bdavidso
		bdavidso
		LDN_FIL
		LDN_FIL E
		bdavidso n
		bdavidso n
		LDN_FIL E
		LDN_FIL E

(b) (2)

20200818	20200818	1	6	400.0
20200818	20200818	1	6	400.0
20200818	20200818	1	32	25.0
20200818	20200818	1	32	25.0
20200818	20200818	1	32	25.0
20200818	20200818	2	1	400.0
20200818	20200818	2	1	400.0
20200818	20200818	2	1	400.0
20200818	20200818	2	1	400.0
20200818	20200818	2	1	400.0
20200818	20200818	2	1	400.0
20200818	20200818	2	1	400.0
20200818	20200818	2	1	400.0
20200818	20200818	2	1	400.0
20200818	20200818	2	1	400.0
20200818	20200818	2	1	400.0
20200818	20200818	2	25	400.0
20200818	20200818	2	25	416.0
20200818	20200818	2	25	416.0
20200819	20200819	1	12	400.0
20200819	20200819	1	32	25.0
20200820	20200820	1	20	400.0
20200820	20200820	1	48	25.0
20200821	20200821	1	20	400.0
20200821	20200821	1	48	25.0
20200824	20200824	1	21	400.0
20200824	20200824	1	48	25.0

2,400.0	MWH	IPE
2,400.0	MWH	IPE
800.0	MWH	IPE
800.0	MWH	IPE
800.0	MWH	IPE
400.0	MWH	IPE
10,000.0	MWH	IPE
10,400.0	MWH	IPE
10,400.0	MWH	IPE
4,800.0	MWH	IPE
800.0	MWH	IPE
8,000.0	MWH	IPE
1,200.0	MWH	IPE
8,000.0	MWH	IPE
1,200.0	MWH	IPE
8,400.0	MWH	IPE
1,200.0	MWH	IPE

20200814	MPD
20200815	MPD
20200814	MXO
20200815	MXO
20200816	MXO
20200820	MPD
20200821	MPD
20200822	MPD
20200824	MPD
20200825	MPD
20200826	MPD
20200827	MPD
20200828	MPD
20200829	MPD
20200831	MPD
202105	MDC
202104	MDC
202106	MDC
20200817	MPD
20200817	MXO
20200818	MPD
20200818	MXO
20200819	MPD
20200819	MXO
20200820	MPD
20200820	MXO

20200825	(b) (2)	20200825	1	6	400.0
20200825		20200825	1	21	400.0
20200825		20200825	1	21	400.0
20200825		20200825	1	48	25.0
20200825		20200825	1	48	25.0
20200825		20200825	1	48	25.0
20200825		20200825	2	25	337.0
20200826		20200826	1	10	400.0
20200826		20200826	1	48	25.0
20200827		20200827	1	10	400.0
20200827		20200827	1	48	25.0
20200828		20200828	1	10	400.0
20200828		20200828	1	48	25.0
20200831		20200831	1	10	400.0
20200831		20200831	1	48	25.0

2,400.0	MWH	IPE
8,400.0	MWH	IPE
8,400.0	MWH	IPE
1,200.0	MWH	IPE
1,200.0	MWH	IPE
1,200.0	MWH	IPE
8,425.0	MWH	IPE
4,000.0	MWH	IPE
1,200.0	MWH	IPE
4,000.0	MWH	IPE
1,200.0	MWH	IPE
4,000.0	MWH	IPE
1,200.0	MWH	IPE
4,000.0	MWH	IPE
1,200.0	MWH	IPE

20200823	MPD
20200821	MPD
20200822	MPD
20200821	MXO
20200822	MXO
20200823	MXO
202011	OMC
20200824	MPD
20200824	MXO
20200825	MPD
20200825	MXO
20200826	MPD
20200826	MXO
20200827	MPD
20200827	MXO

Product	Peak / Off Peak	Strike Price	Option Type	Trade Price	Currency	Trade Type	Total Fees	Exc Fees	Clear Fees	NFA Fees	Comm.	Other Fees	Seg Type	Floor Broker
ICE MDCOL DPP	Peak	0.00		37.08	USD	Trade	(18.06)	(3.00)	0.00	(0.06)	(15.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00		9.04	USD	Trade	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00	C	
ICE MID-C PWR	OffPeak	0.00		7.49	USD	Trade	(1,362.00)	#####	0.00	(2.00)	(1,280.00)	0.00	C	
ICE MID C PEAK	Peak	0.00		19.30	USD	Trade	(2,006.87)	#####	0.00	(6.50)	(1,667.25)	0.00	C	
ICE MDCOL DPP	Peak	0.00		37.08	USD	Trade	(18.06)	(3.00)	0.00	(0.06)	(15.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00		9.04	USD	Trade	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00	C	
ICE MDCOL DPP	Peak	0.00		20.01	USD	Trade	(6.02)	(1.00)	0.00	(0.02)	(5.00)	0.00	C	
ICE MDCOL DPP	Peak	0.00		44.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00		44.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00		44.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00		44.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00		44.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00		44.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00		44.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00		44.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00		44.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00		44.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00		44.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00		26.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW

ICE MDCOL DPP	Peak	0.00	51.07	USD	Trade	(36.12)	(6.00)	0.00	(0.12)	(30.00)	0.00	C	
ICE MDCOL DPP	Peak	0.00	51.07	USD	Trade	(36.12)	(6.00)	0.00	(0.12)	(30.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00	16.59	USD	Trade	(34.56)	(1.92)	0.00	(0.64)	(32.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00	16.59	USD	Trade	(34.56)	(1.92)	0.00	(0.64)	(32.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00	40.80	USD	Trade	(34.56)	(1.92)	0.00	(0.64)	(32.00)	0.00	C	
ICE MDCOL DPP	Peak	0.00	100.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00	100.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00	100.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00	100.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00	100.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00	100.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00	100.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00	100.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00	100.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00	100.00	USD	Trade	(8.02)	(3.00)	0.00	(0.02)	(5.00)	0.00	C	JOW
ICE MID C PEAK	Peak	0.00	19.00	USD	Trade	(231.25)	#####	0.00	(0.50)	(128.25)	0.00	C	JOW
ICE MID C PEAK	Peak	0.00	19.00	USD	Trade	(231.25)	#####	0.00	(0.50)	(128.25)	0.00	C	JOW
ICE MID C PEAK	Peak	0.00	19.00	USD	Trade	(231.25)	#####	0.00	(0.50)	(128.25)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00	106.03	USD	Trade	(72.24)	#####	0.00	(0.24)	(60.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00	40.80	USD	Trade	(34.56)	(1.92)	0.00	(0.64)	(32.00)	0.00	C	
ICE MDCOL DPP	Peak	0.00	195.26	USD	Trade	(120.40)	#####	0.00	(0.40)	(100.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00	17.70	USD	Trade	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00	C	
ICE MDCOL DPP	Peak	0.00	110.00	USD	Trade	(120.40)	#####	0.00	(0.40)	(100.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00	14.02	USD	Trade	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00	C	
ICE MDCOL DPP	Peak	0.00	29.03	USD	Trade	(126.42)	#####	0.00	(0.42)	(105.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00	8.05	USD	Trade	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00	C	

ICE MDCOL DPP	Peak	0.00		23.96	USD	Trade	(36.12)	(6.00)	0.00	(0.12)	(30.00)	0.00	C	
ICE MDCOL DPP	Peak	0.00		19.76	USD	Trade	(126.42)	#####	0.00	(0.42)	(105.00)	0.00	C	
ICE MDCOL DPP	Peak	0.00		19.76	USD	Trade	(126.42)	#####	0.00	(0.42)	(105.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00		16.26	USD	Trade	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00		16.26	USD	Trade	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00		23.96	USD	Trade	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00	C	
ICE MID-C PWR	OffPeak	0.00		26.50	USD	Trade	(400.50)	#####	0.00	(0.50)	(320.00)	0.00	C	JOW
ICE MDCOL DPP	Peak	0.00		30.74	USD	Trade	(60.20)	#####	0.00	(0.20)	(50.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00		23.96	USD	Trade	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00	C	
ICE MDCOL DPP	Peak	0.00		28.06	USD	Trade	(60.20)	#####	0.00	(0.20)	(50.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00		21.08	USD	Trade	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00	C	
ICE MDCOL DPP	Peak	0.00		24.95	USD	Trade	(60.20)	#####	0.00	(0.20)	(50.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00		18.32	USD	Trade	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00	C	
ICE MDCOL DPP	Peak	0.00		23.01	USD	Trade	(60.20)	#####	0.00	(0.20)	(50.00)	0.00	C	
ICE MDCL DOPP	OffPeak	0.00		16.15	USD	Trade	(51.84)	(2.88)	0.00	(0.96)	(48.00)	0.00	C	

Other Sys Src Cd	Give Up Firm	Type	Trade Process Type	Spread	Liquidity Type	Charged At Offset	Order ID	Trade ID	Other Account	Other Source	User ID	Sub Account
19		EFR		D		Yes					LDN_FIL E	
19		EFR		D		Yes					LDN_FIL E	
19		EFR		D		Yes					LDN_FIL E	
19		EFR		D		Yes					LDN_FIL E	
19		EFR		D		Yes					LDN_FIL E	
19		EFR		D		Yes					LDN_FIL E	
19		EFR		D		Yes					LDN_FIL E	
19		EFR		D		Yes					LDN_FIL E	
19		EFR		D		Yes					LDN_FIL E	
19		EFR					5910140				bdaavidso n	
19		EFR					5910196				bdaavidso n	
19		EFR					5910241				bdaavidso n	
19		EFR					5910282				bdaavidso n	
19		EFR					5910746				bdaavidso n	
19		EFR					5911002				bdaavidso n	
19		EFR					5910190				bdaavidso n	
19		EFR					5910194				bdaavidso n	
19		EFR					5910301				bdaavidso n	
19		EFR					5910303				bdaavidso n	
19		EFR					5910745				bdaavidso n	
19		EFR					5911001				bdaavidso n	
19		EFR					5909937				bdaavidso n	

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