

BP/TC-27R Pre-Proceeding Workshop GAT: RAPID, Transition Planning and TOS Principles

November 18, 2026

Agenda

- Opening
  - Opening Remarks
  - Workshop Norms
  - Scope and Schedule Updates
- Updates on Proposals
  - Large Load Definition
  - LT Non-Firm PTP
  - PLAID
  - SPRINT OS
  - Path to Firm/Transmission Open Season (TOS)
- Transition Planning
- Rate and Tariff Changes
- Next Steps



Opening Remarks

Workshop Norms

- Participants are encouraged to speak respectfully, be mindful of the limited time for discussions, and allow other participants and BPA staff to share their feedback.
- Participants are required to use the “raise hand” feature and chat in Webex to provide comments.
- Participants are encouraged to limit their speaking time to 3 minutes per topic.
- BPA will facilitate the conversation to ensure all participants can provide their input in a timely manner.
- Participants will refrain from discussing prior positions or comments submitted by other participants.

What We Heard – Customer Engagement

- **More time for meaningful engagement:** Customers expressed concerns with the accelerated schedule and requested additional pre-proceeding workshops and a minimum of 10 business days for written comments.
- **Greater proposal clarity before formal proceedings:** Customers requested draft tariff and rate language, supporting methodologies, and opportunities to review and respond to BPA's refined proposals before the proceedings.
- **Consider adjusting scope and sequencing:** Customers encouraged BPA to consider separating the less-developed Transmission Open Season (TOS) from RAPID initiatives to allow adequate review while maintaining momentum on near-term reforms.
- We've incorporated key themes that what we've heard in comments into our presentation.

New Schedule and Scope

- Additional workshops to discuss proposals, share draft tariff and rate language, and provide opportunity for feedback ahead of the proceedings.
  - December 16
  - January – Targeting mid-January
- Moving the start of the proceedings to February 2027
- Scope adjustments
  - TOS principles developed in BP/TC-27R
  - Tariff and rate changes to implement TOS moved to BP/TC-29
  - Relevant Transition Planning elements included in BP/TC-27R

Updated Draft Procedural Schedule

- Feb 2027: FRN and Initial Proposal
- Mar 2027: Parties' Direct Cases
- Apr 2027: Rebuttal
- May 2027: Hearing Officer's Recommended Decision (TC-27R only)
- June 2027: Final ROD

Overview of Workshop Approach

- Today
  - Update on proposals
  - Draft TOS principles
  - Merging Transition Planning into BP/TC-27R
  - Incorporation of feedback from Oct. 19 workshop
- Dec Workshop
  - Update on proposals
  - Draft tariff and rate schedules (may be partial)
- Jan Workshop
  - Staff leanings for BP/TC-27R Initial Proposal
  - Complete draft tariff and rate schedules



Large Load Definition

Transmission Planning Thresholds

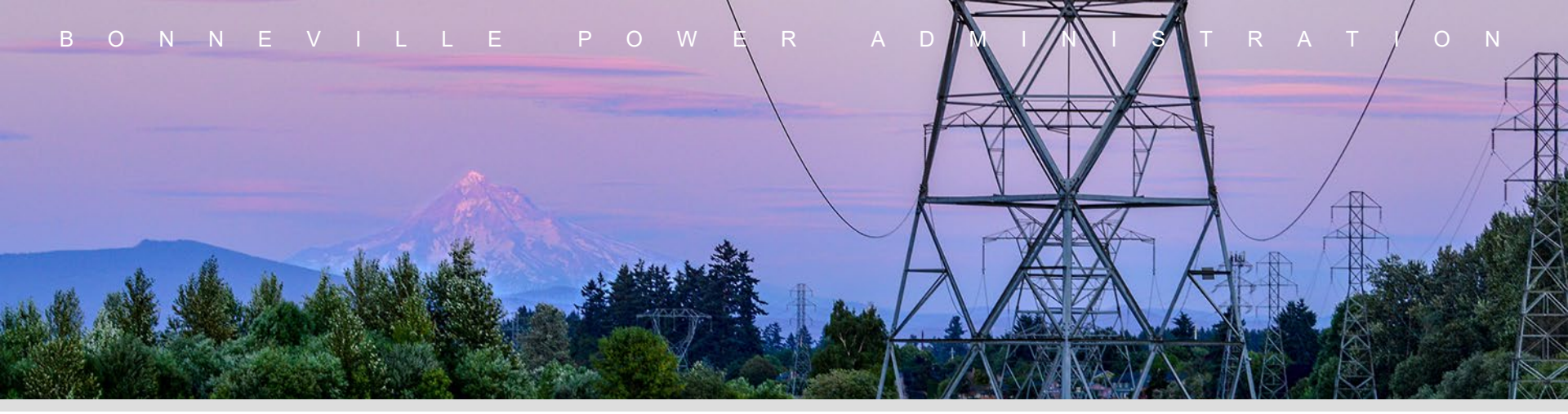
Large Load (proposed definition): a new commercial or industrial end-use facility, or aggregation of load facilities, at one site under common ownership and control, with gross peak demand greater than 50 MW behind one or more Points of Interconnection or Delivery.

Planning Thresholds	Question it answers	Measured As	Set by
10 aMW	Is it a New Large Single Load for power pricing?	Average Energy	Northwest Power Act
13 MW	Is it Non-Trended Load Growth?	A comparison to the prior years LaRC forecast	NITS BP
20 MW	Does Customer need to submit a Line & Load Request (LLIR)?	New peak demand at a POD	LLIP BP
50 MW	Is it a Large Load?	Gross peak demand for a single site	TC-27R Proposal

Transmission Planning Thresholds (cont.)

The variety of thresholds that are used in different transmission planning processes serve different purposes, as such, a single threshold does not meet the needs of all those processes.

- For example, the forecasts and their required certainty to identify near term corrective action plans in Attachment K planning differ from those that drive the proactive transmission expansion plan.
- Likewise, the threshold at which BPA needs to verify sufficient interconnection facilities under the LLI Process differs from transmission service. The Non-Trended Load Growth threshold allows NITS Customers to determine when a commercial planning assessment is required for transmission service.
- The new proposed definition for Large Load is creating a new class for RAPID requirements and products as well as defining a threshold for rate treatment and cost allocation that meets the intent of the rate payer protection pledge.



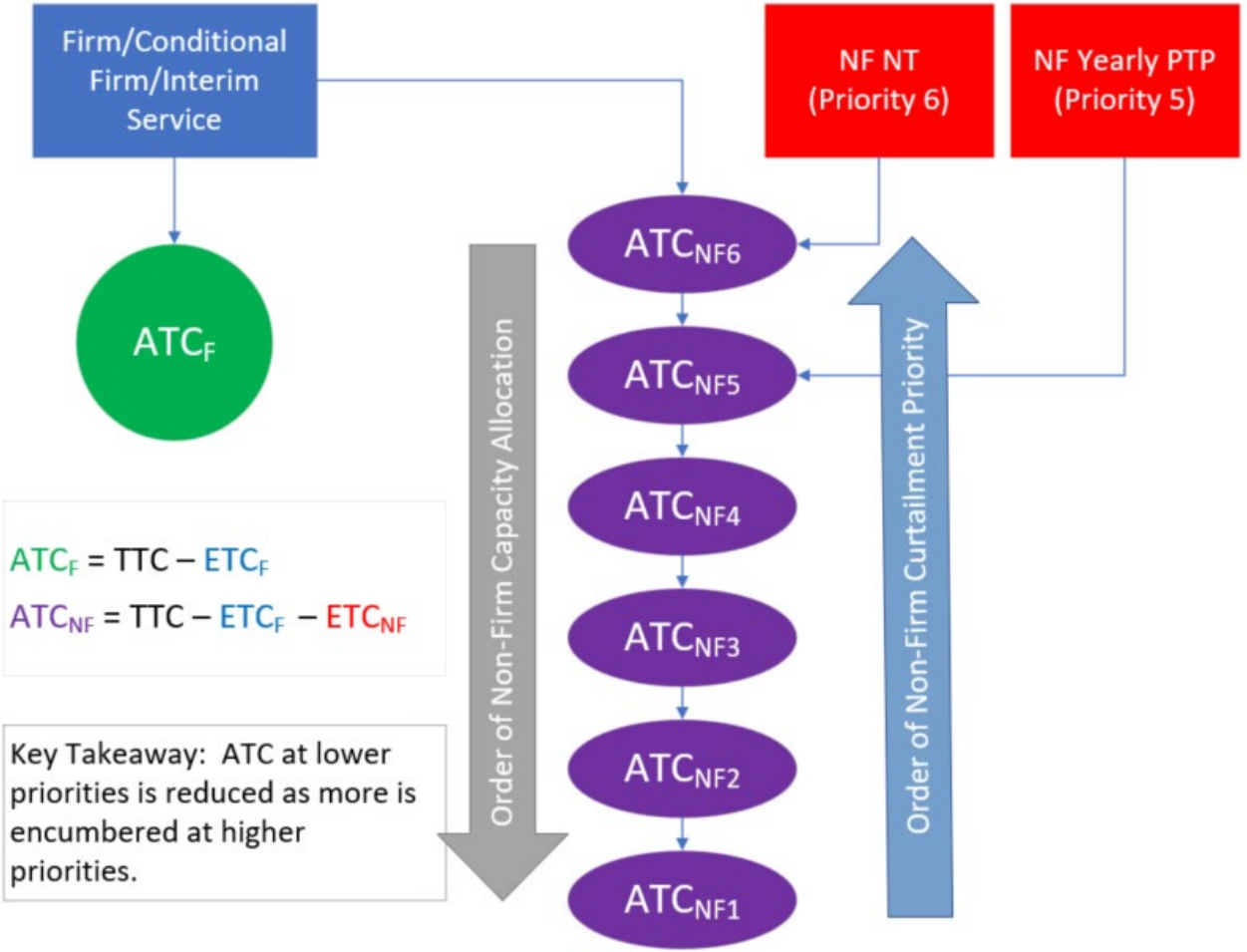
Long-Term Non-Firm Point-To-Point

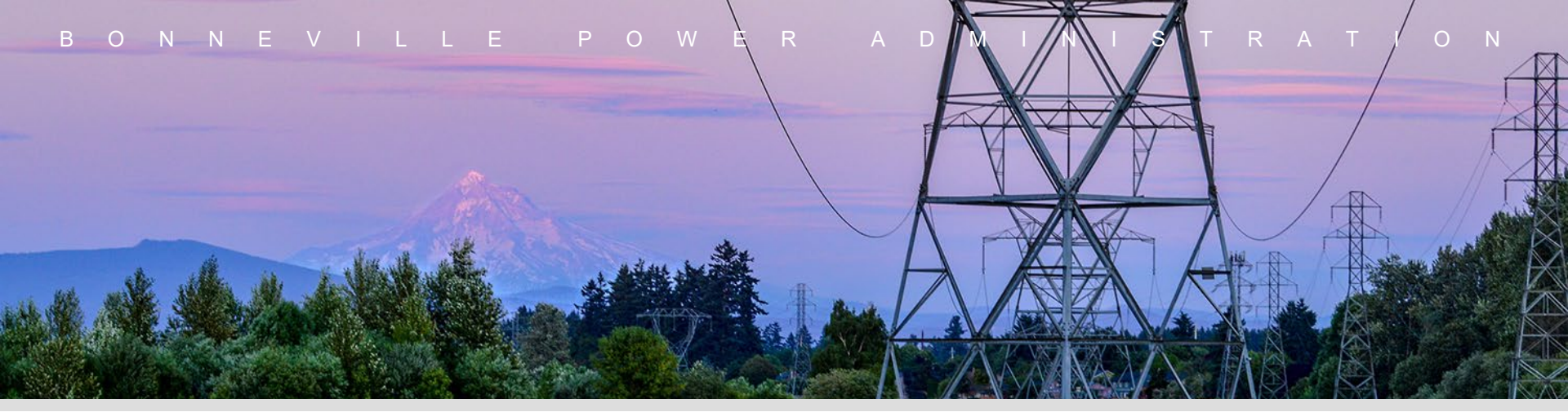
Service Curtailment Priority

P7	Firm: Long and Short term PTP; NITS	Unchanged
P6	Secondary network (6NN); Conditional Firm	Unchanged
P5	Long Term non-firm PTP; SPRINT and PLAID load service; monthly non-firm	New (Long Term)
P4-1	Weekly, daily and hourly non-firm	Curtailed First

New Long-Term Non-Firm PTP

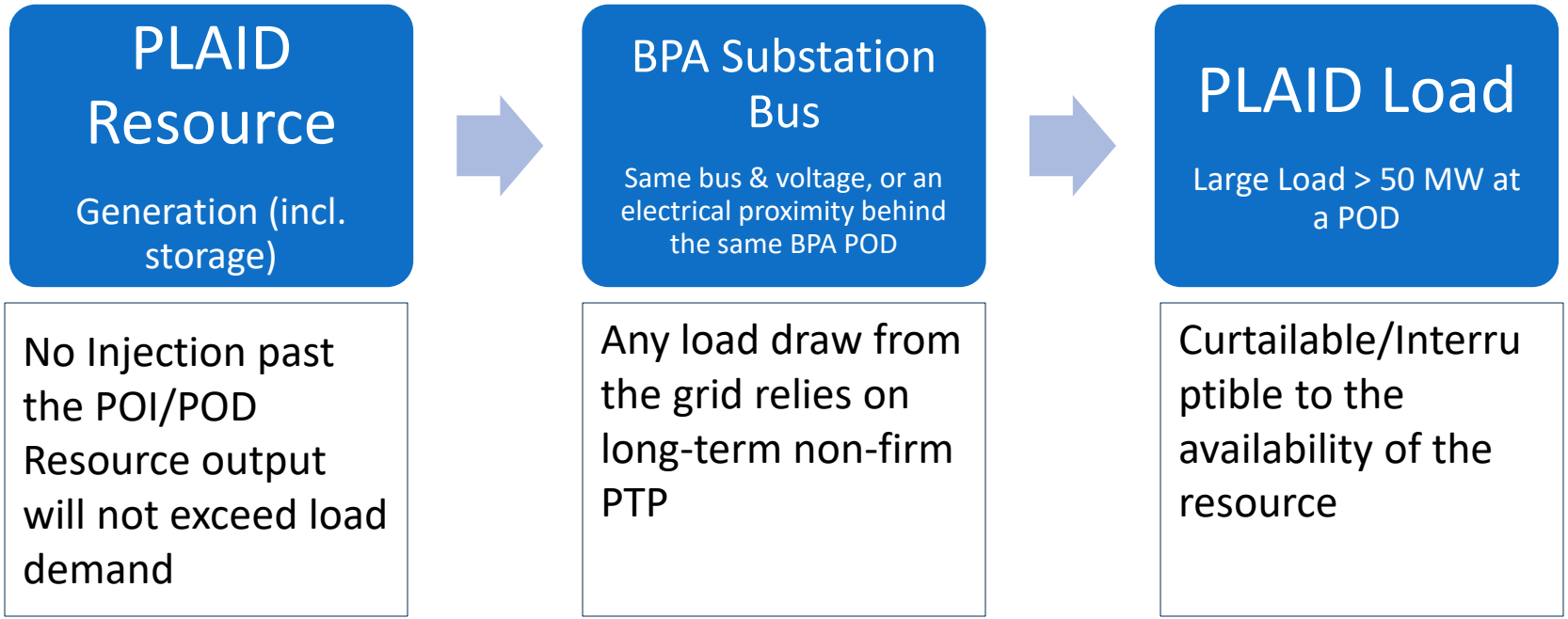
Term	As Proposed
Priority	NERC Priority 5
Curtailment/Interruptible	Interruptible for N-0
Term	Renewed yearly
Rate	PTP non-firm-26 rate; $2.043/kw-mo, with credit for interruption
Transfers	Subject to approval
Redirects	No
Penalties	Non-conformance subject to penalties
Ancillary Services	Yes
Firm Right	None implied


Firm/Conditional Firm/Interim Service
NF NT (Priority 6)
NF Yearly PTP (Priority 5)
ATC_F
ATC_NF6
ATC_NF5
ATC_NF4
ATC_NF3
ATC_NF2
ATC_NF1
Order of Non-Firm Capacity Allocation
Order of Non-Firm Curtailment Priority
ATC_F = TTC – ETC_F
ATC_NF = TTC – ETC_F – ETC_NF
Key Takeaway: ATC at lower priorities is reduced as more is encumbered at higher priorities.



PLAID

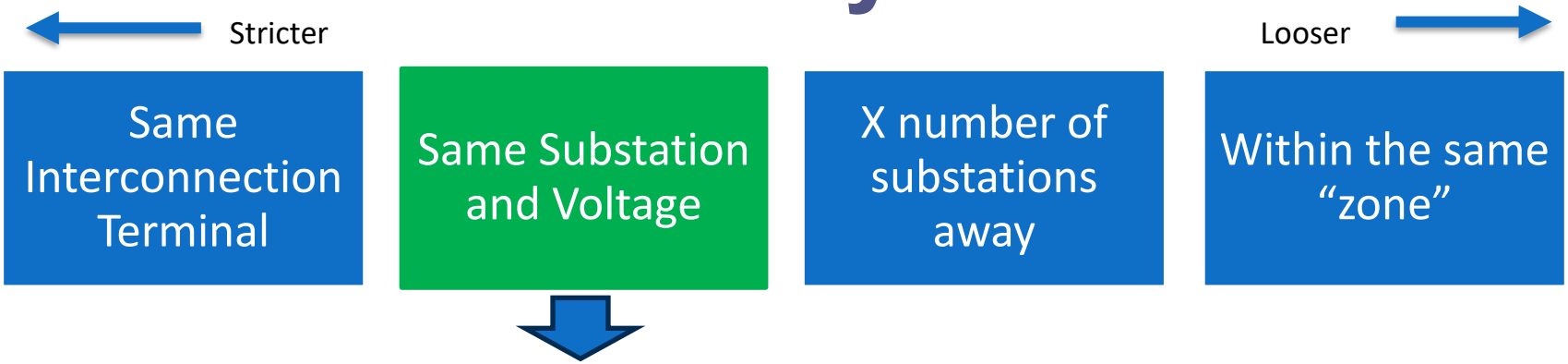
Paired Load and Integrated Dispatch (PLAID)



PLAID proposal clarifications

Detail	Current Proposal
Balancing Authority	BPA BAA only
Generator Size	Minimum Gen/Load Ratio (*proposed 0.5-0.7*) Caps of 1500/1000 MW (at 500/230 kV) per request/POD Nameplate installed can be oversized and limited to max load demand
Multiple/Hybrid Resources allowed?	Yes, if operated as a single resource to the PLAID load
Batteries	Allowed, with technical constraints TBD. Ex. Cannot total grid draw over agreed to peak demand of PLAID load
Amount of LT NF	Net gross peak demand, less resource capacity OR Sized on ELCC
Who requests?	Only Large Loads that bring their own generation. The BPA customer being the utility/load serving entity, partnered with the resource developer
Associated OATT Requests	Both a valid LLIR and GIR are required

Electrical Proximity



Current Proposal:

Electrical Proximity: The paired resource and PLAID load must either:

1. Interconnect at the same BPA substation, voltage level, and electrical bus at the PLAID load's Point of Delivery.
2. Be located behind the same electrically discrete BPA Point of Delivery (not contiguous) and evaluated by BPA after request to confirm no network impact, provided their operation is coordinated, served by and with utility approval, cannot impact existing paths, and the electrical configuration behind the BPA POD does not change without BPA evaluation.

Three ways a Resource/Load pair can net

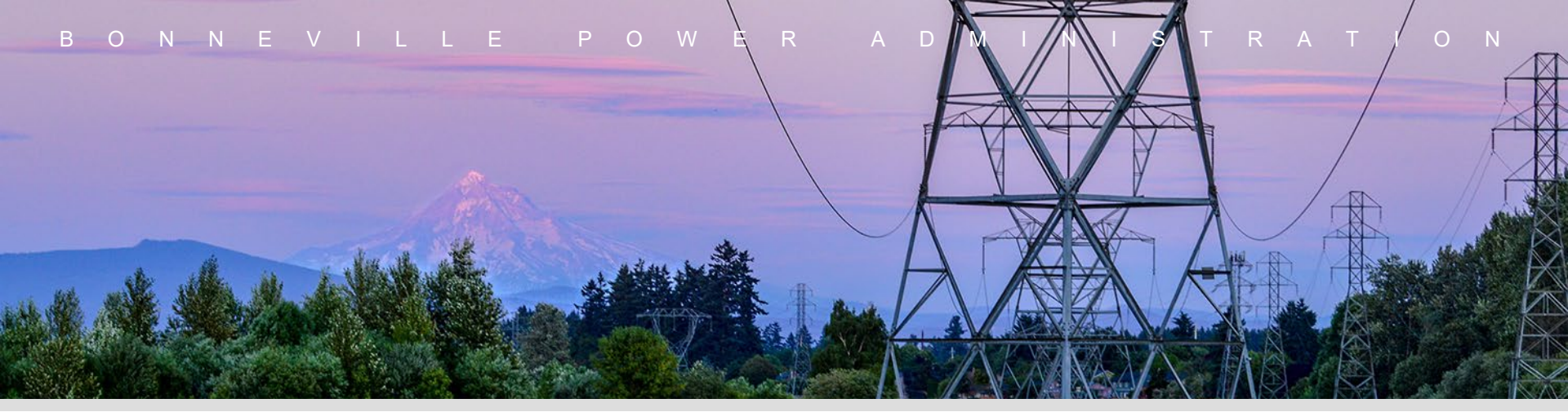
- Resource = Load
  - Load grid draw is zero, no transmission service is needed
- Resource < Load
  - PLAID load holds long term non-firm PTP for the gap;
  - Amount of LT NF PTP:
    - Gross peak – resource capability OR;
    - Net of Effective Load Carrying Capability (ELCC)
- Resource > Load
  - Not allowed without separate request for Provisional Interconnection under the LGIP. Output is capped at load otherwise.
- Proposed Minimum pairing ratio of 0.5-0.7
- Other applicable services BPA may charge (Failure to comply, ancillary services, etc.) under development and consideration

Amount of LT NF PTP holding needed

- Under consideration:
  - Net of gross load – resource (e.g. 300 MW – 200 MW = 100 MW); OR
  - On an ELCC/capacity factor basis (e.g. 200 MW – 200 MW*34% for wind); OR
  - Full load amount

PLAID Process Details

Step	Draft Proposal
Intake	Quarterly Windows, capped at 5 total PLAID requests per window, processed as they are received. Overflow goes to next window. SPRINT Requests priority processed in first window
Fees	$20k non-refundable application fee
Reimbursable Deposits	$150k Impact Study $500k Facilities Study
Studies	Impact Study (90 CD) Facilities Study (120 CD)
Readiness	Financial Site Control
Agreement	Results valid for 6 months; tender within 60 CD of election to proceed
Capacity	Held only once agreement executed and funded



SPRINT OS

Who can bid into SPRINT

Question	Answer
Data Centers only?	No, any Large Load (>50 MW at a POD)
Loads of 13 MW – 50 MW?	No, under the Large Load definition
Who contracts/bids?	The utility/Load Serving Entity is submitting proposal. The LSE will be working close with the end user. BPA may seek three party agreement going forward to minimize risks.
Effect on existing queue positions?	None, SPRINT is not a queue priority jump, rather an advancement of construction priority for “most ready”
What happens to unsuccessful bidders?	Keep their existing LLIRs if applicable

Candidate Sites

- BPA will provide a ranking of the sites, with a transparent scoring matrix
- Starting point for candidate list is BPA 500 kV and strong 230 kV sites
- Requesters can bid on any POD on the candidate list (excluding intertie facilities)
- If there is a site missing from the candidate list that you think is a strong candidate, please submit a comment with supporting evidence and we will consider updating the candidate list.
- Applicants can bid on any BPA non-intertie facility, even if it is not on our candidate list, but sites on our candidate list with a letter grade of C or higher are more likely to be strong candidates based on reliability criteria and other criteria we've considered so far.
- Preserving the rights of existing requests:
  - For transmission service, requesters are only receiving a non-firm product
  - For interconnection, existing queue priority is preserved as this is a Provisional Load interconnection

Draft substation candidate list

- Ranking factors include:
  - Is it a BPA Network facility?
  - Is there room in the substation without moving the fence?
  - Will it be easy for BPA to operate?
  - Are there fault duty concerns?
  - Are the facilities near series capacitors (risk of need to replace)?
- Does not include potential customer issues:
  - Moratoriums
  - Attractive for data center development
  - Attractive for generation development

Substation	Proposed Ranking
Allston 500	C
Ashe 500	C
Bell 500	A
Big Eddy 500	B
Central Ferry 230	C
Central Ferry Wind*	B
Chief Jo 500	C
Columbia 230	C
Dworshak 500	B
Harvalum 230	B
Hatwai 500	A
Hot Springs 230	C
John Day Wind*	B
Knight 500	A
Longhorn 500	C
McNary 230*	B
Monroe 500	C
Napavine 500	B
Ostrander 500	C
Paul 500	B
Pearl 500	C
Raver 500	B
Rock Creek Wind*	B
Schultz 500	C
Sickler 500	B
Slatt Wind*	B
Vantage 500	B
Wautoma 500	A

*leverages existing BPA interconnection

Draft substation candidate list (cont.)

- The following substations had at least one critical flaw for SPRINT-
  - Still eligible but poor candidate based on ranking factors we considered
- Intertie facilities are not eligible (represented by a strikethrough)

Substation	Proposed Ranking	Number of critical flaws
~~Alvey 500~~	~~F~~	~~1~~
~~Buckley 500~~	~~F~~	~~2~~
~~Captain Jack 500~~	~~F~~	~~1~~
Columbia 500	F	2
Custer 500	F	1
Echo Lake 500	F	1
~~Garrison 500~~	~~F~~	~~4~~
Grand Coulee 500	F	2
~~Grizzly 500~~	~~F~~	~~1~~
Hanford 500	F	1
John Day 230	F	1
~~John Day 500~~	~~F~~	~~3~~
Keeler 500	F	2
Little Goose 500	F	1
Longview 230	F	1
Lower Granite 500	F	1
Lower Monumental 500	F	2
~~Malin 500~~	~~F~~	~~1~~
~~Marion 500~~	~~F~~	~~1~~
McNary 500	F	1
Rock Creek 230	F	2
Rock Creek 500	F	1
SixMile Canyon 500	F	1
Slatt 230	F	1
~~Slatt 500~~	~~F~~	~~2~~
~~Summer Lake 500~~	~~F~~	~~1~~
Taft 500	F	4
Usk 230	F	1
Webber Canyon 500	F	1

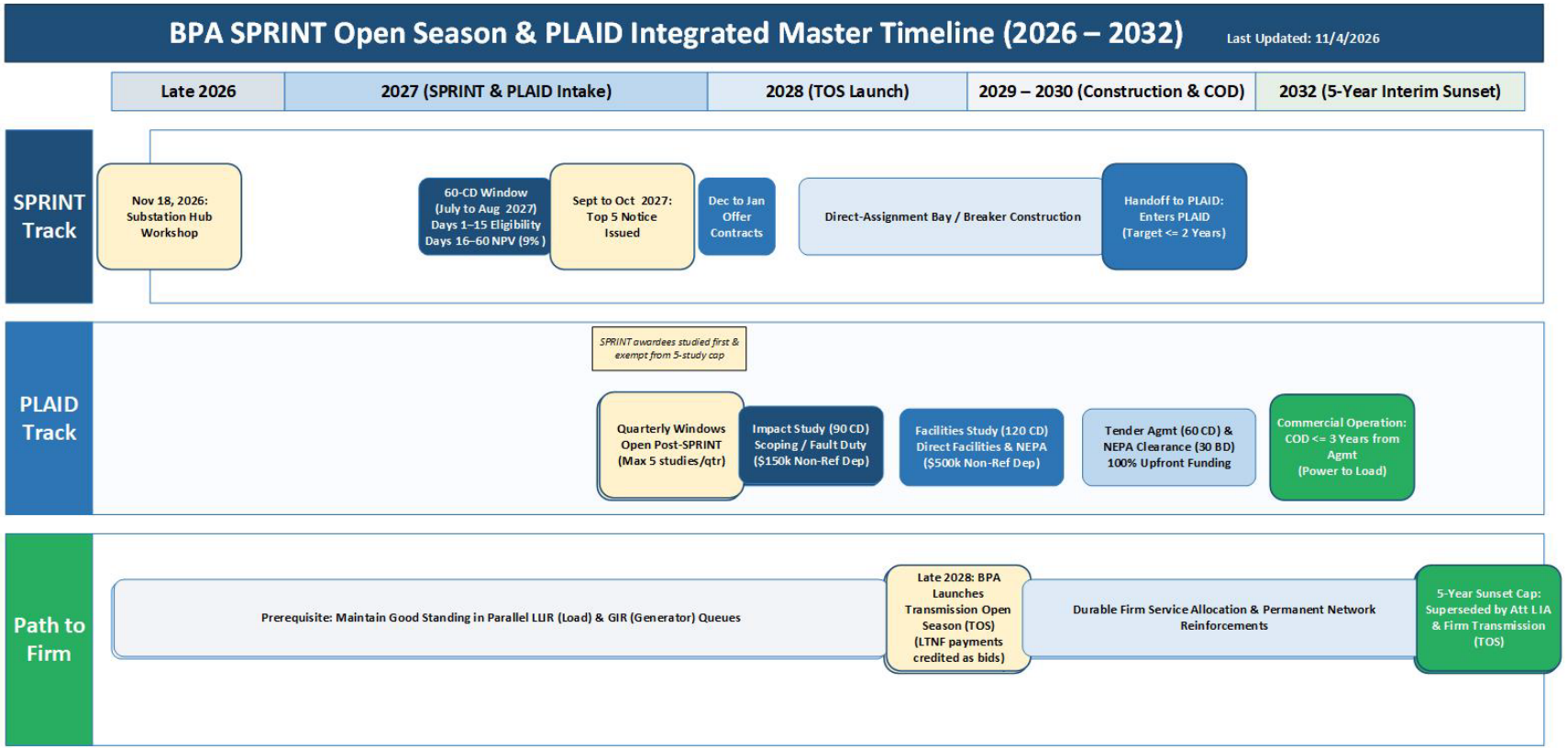
For Discussion Purposes Only. Content Subject to Change.

SPRINT Open Season Process & Timeline



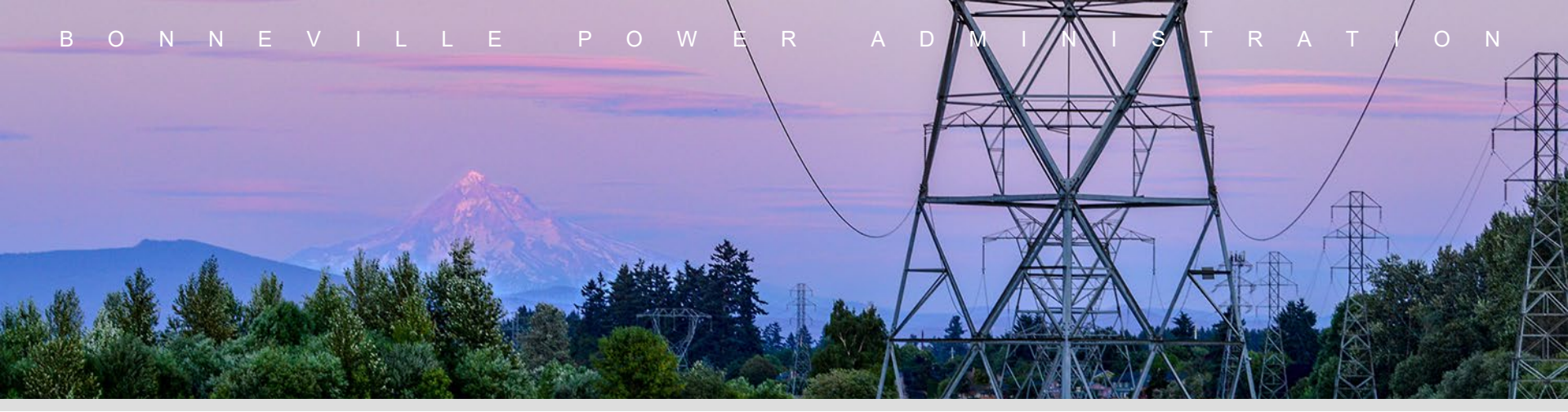
* For processing of those request with resources, see PLAID process For load only, the requested is processed through LLI on an expedited basis

Path to firm for SPRINT OS or PLAID



For Discussion Purposes Only. Content Subject to Change.

These dates are subject to change.



Transmission Open Season

Transmission Open Season (TOS) Principles

- Prioritize Readiness
- Plan for NITS and other existing firm commitments
- Align Financial Standards to Commercial Transmission Revenue Risk (i.e., variance based on customer size, funding, etc.)
- Ratepayer Protection Pledge
- Sustainable and repeatable process

Transmission Open Season (TOS)

Transmission Open Season is the future state commercial business model that addresses the path to firm for all customers. BPA will provide an opportunity for customers to submit their requests for service. After the close of the window, capacity for base will be encumbered and the remaining capacity, if available will be made available for bidders.



* Commercial studies will be needed for both base and bid/proposal customers to address sub-grid projects needed for a full plan of service

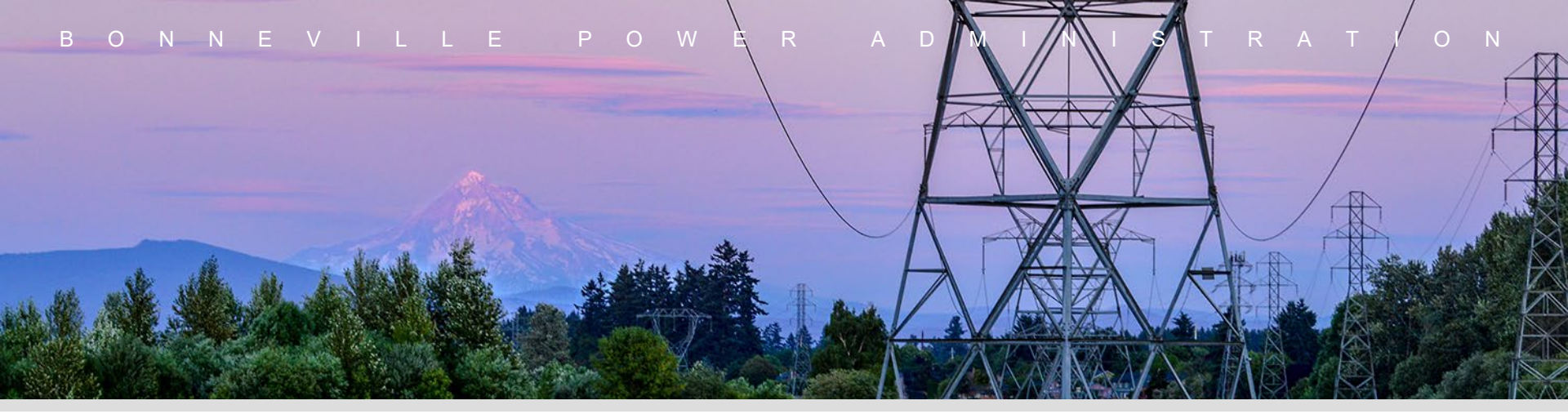
TOS: Request for Service; Base or Bid

- **Specific details for what would be considered as part of the "base" or "bid" will be shared at a later customer workshop.**
- As part of TOS, customers' requests for long-term firm service will be evaluated as either "base" or "bid" to determine the appropriate cost allocation for required projects to enable its path to firm.

Base Attributes	Bid Attributes
• Demand will be accommodated by transmission portfolios generally at embedded rate. • Participate in the TOS window • Need to meet established evaluation criteria • Likely needs a commercial study	• Demand will be subscribed to remaining capacity on transmission portfolios at an incremental rate • Participate in the TOS window • Need to meet established evaluation criteria • Submission of bid proposal which will be ranked by varying factors (yet to be determined). • Likely needs a subsequent commercial study (post-bid) • SPRINT/PLAID participants + others

How will my request for service be accommodated by GERP and new Expansion Planning Initiative projects?

- Any remaining capacity on the GERP 1.0 and 2.0 projects will be allocated first to base needs.
- Expansion Planning Initiative will produce a suite of transmission projects in which the capacity will be prioritized and reserved for base needs. Any excess capacity remaining on those transmission projects will be allocated to the bidding process.
- There may not be sufficient capacity on the first suite of transmission projects to cover all bid needs.
- Future Expansion Planning Initiatives will identify additional suites of transmission projects



Transition Planning

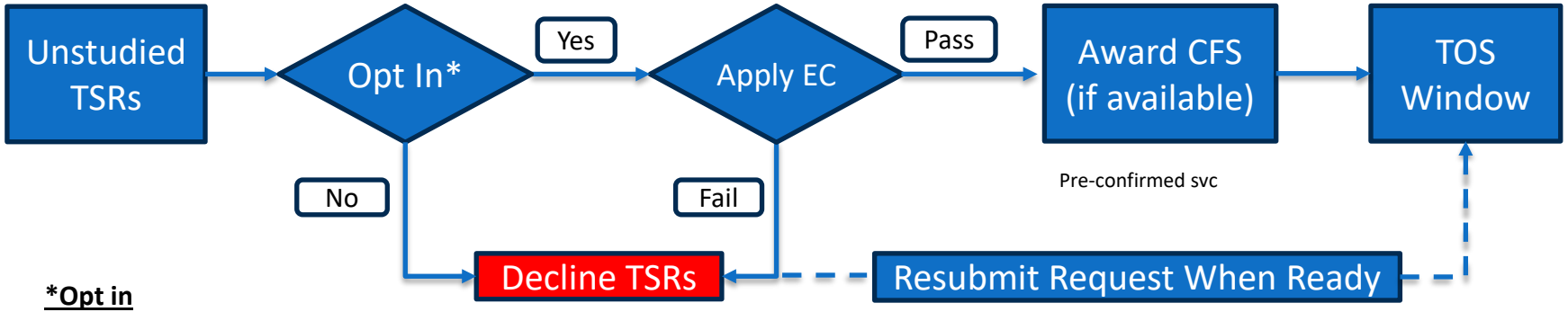
Transition

- TC-27 Transition items
  - Objectives
  - Process
  - Crosswalk

TC-27 Objectives

- Resume processing LaRC forecasts and the TSR queue
- Prioritize awarding Conditional Firm service to customers that can use it now
- Gather enough information for a request so that it can be analyzed for Conditional Firm service
- Provide a bridge to the future state while it is being developed, which would provide a path to firm service

Transition Process



***Opt in**

- Establish future date for (F)TSRs to be submitted by.
- Application contains fee and eligibility exclusions, if applicable

Summary:

1. Studied and Unstudied TSRs must opt in to the interim CFS process to be eligible for CFS.
2. Unstudied requests that do not opt in will be removed from the queue.
3. Studied requests that do not opt in will forego the ability to take CFS. BPA will not make any changes to existing plans of service identified in prior studies and requests will remain in the queue.

TC-27 to TC-27R Crosswalk

Topic	Proposal	Where to Address/Comments
Evaluation Criteria		
Source (Generation) Maturity	Existing resource or signed LGIA	TC-27R and for permanent criteria TC-29 (may be different levels)
Load Maturity	Studies complete; Customer has proceeded with an execution agreement (such as E&P)	TC-27R and for permanent criteria TC-29 (may also be different level)
OATT additional TSR Information	Retain TC-27 proposed OATT language modification	TC-27R
Battery cited as Load	Retain TC-27 prohibition unless/until adopted by industry standard	BP change (current leaning) or TC-27R
PTP requests to NITS load	Retain TC-27 proposal - Valid ONLY if in NITS customer's LaRC	BP change (current leaning) or TC-27R; must remain in the LaRC through service award

Crosswalk (cont.)

Topic	Proposal	Where to Address/Comments
Evaluation Criteria (cont.)		
Mid-C Remote as virtual hub	Retain TC-27 proposal – Not for use in LT market. Conform TSR POR/POD to NWHUB or (for POR) to physical location in Grant/Chelan/Douglas	BP change (current leaning) or TC-27R; MID-C Remote remains active in short-term market; no change to existing/studied service.
Source Owner	Retain TC-27 proposal – submitter must provide affirmation from source owner of potential to use the TSR to transmit the cited generation	BP change; Documentation only required if relationship is unclear
Cumulative Demand across multiple entities	Retain proposed TC-27 business practice modification	BP change
Conditional Firm Service		
NITS CFS	Retain TC-27 proposal to add NITS CFS	TC-27R
Reassessment CFS for NWHUB	Retain TC-27 proposal on permanent basis - TSRs with POR/POD of NWHUB ONLY eligible for reassessment CFS	BP/Application update. No plan of service to enable firm (7-F service)

Crosswalk (cont.)

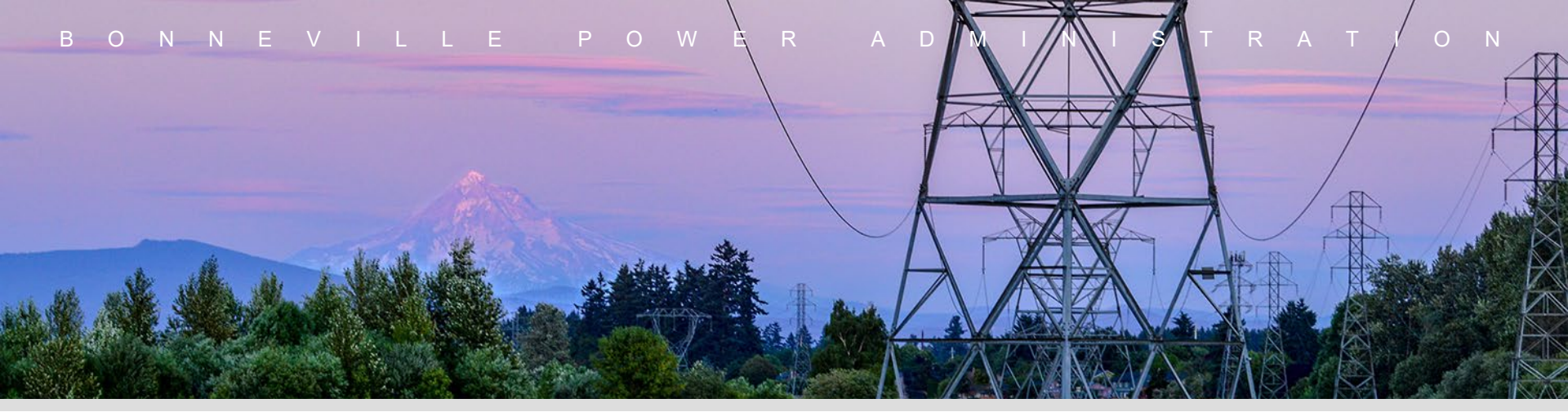
Topic	Proposal	Where to Address/Comments
CFS Eligibility Prior to Future State (TOS)		
CFS – Must pre-confirm the TSR for service and meet evaluation criteria	BPA will assess if CFS is available upon customer request prior to study/plan of service (retain TC-27 proposal to study CFS prior to Future State (plan of service) and to robustly pursue mitigation of CFS constraints)	TC-27R; CFS offer timeframe up through future state (TOS) is expected to take over
Study Cost	$800/MW ($400 for previously studied requests)	TBD
Security for Interim Service	None	N/A; Note that there may be security requirements for firm service in the future state
Non-preservation of CFS capacity	Offers made based on start date CFS capacity for non-eligible TSRs is not set aside in case of later eligibility.	BP
Eligibility award window	2 years rolling window, ends October 2028, starting with oldest requested start date	BP
Availability to previously studied requests	May opt in; otherwise no CFS offer	BP; Deferral constraint applicable

Crosswalk (cont.)

Topic	Proposal	Where to Address/Comments
Other		
Deferrals	Zero	TC-27R; may revisit in TC-29
Other TC-27 Commitments	Do not extend data exhibit cure period, no preliminary CFS analysis, retain non-refundable TSR processing fee, no close-out meetings, no commitments to workshops	N/A

Other Topics (not in TC-27 Settlement)

Topic	Proposal	Where to Address/Comments
Other		
Minimum Capitalization Requirement	Add tiered minimum capitalization requirement for entity to pursue transmission service that requires expansion (define tiers)	Under consideration
Creditworthiness	Reassess whether BPA's current creditworthiness standards support agency's current transmission business needs	Under consideration



Rate and Tariff Changes

Proposed Rate Changes

- Penalty Charges
  - All standard penalties will be applied to any Large Load service.
  - New penalties may be added if the standard penalties aren't incentivizing proper actions within BPA's service territory.
- Ancillary & Control Area Services (ACS)
  - All standard ACS rates associated with long-term firm PRP service will apply.
  - If any additional services are required to serve Large Loads, a new rate will be added to the ACS Rate Schedule to ensure those costs are not recovered through the legacy ACS rates.
- Incremental Rate (planned for BP-29)
  - An Incremental Rate Schedule may be added to recover relevant capital costs including Interconnection Facilities and Large Load-specific Network Upgrades.
  - Any costs not collected upfront will be recovered by this rate, paid in addition to long-term firm PTP service.

Proposed Tariff Changes

- BPA will share a draft tariff (may be partial) at the December workshop.
- Current thinking
  - New LT NF PTP product
  - New Attachment for SPRINT OS
  - New Attachment for PLAID
  - New Attachment for Transition Process
  - Possible changes throughout body of tariff related to each initiative

BP/TC-27R Next Steps

- Please send feedback to techforum@bpa.gov with a cc to your account executive **by Dec. 4**.
- Next workshop is Dec. 16th



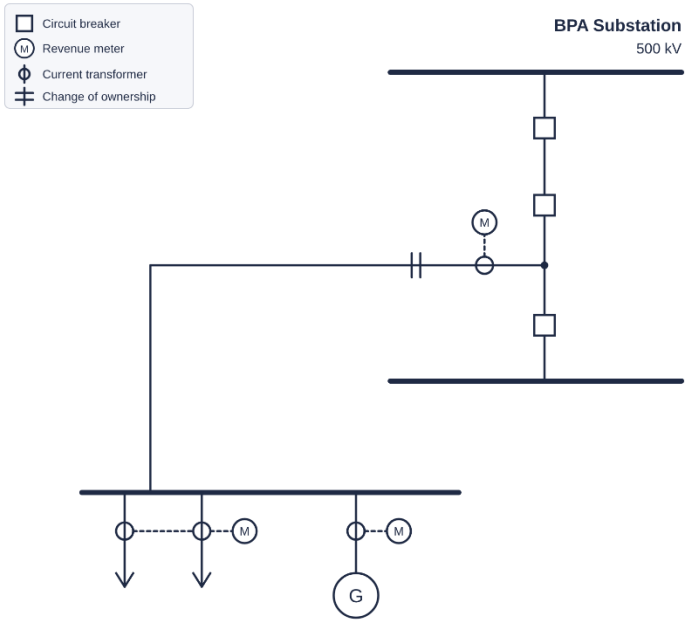
Appendix

Bonneville
POWER ADMINISTRATION

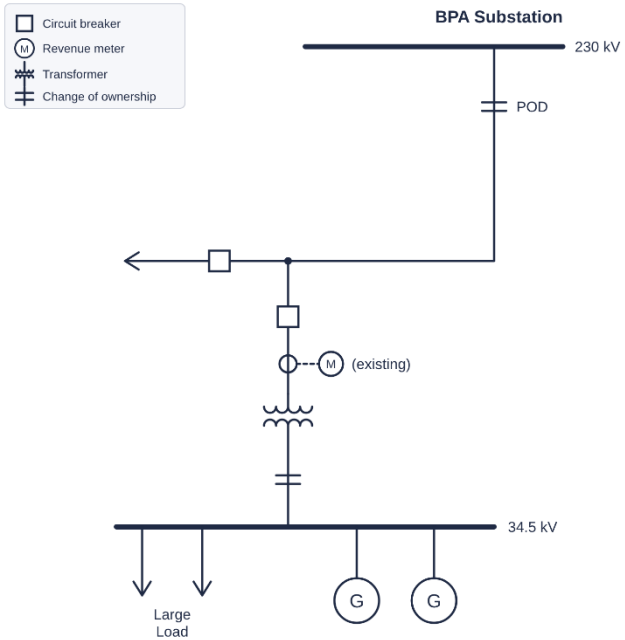
Electrical Configuration Scenarios

- 1: Single BPA terminal
- 2: Behind single BPA POD, same utility bus
- 3: Behind single BPA POD, different utility bus

Scenario 1: Single BPA Terminal



Scenario 2: Single BPA POD, same utility bus



Scenario 3: Single BPA POD, multiple buses

