Point To Point Transmission Service Request Data Exhibit

Instructions for Completing the Data Exhibit follow data sheets

Customer Name	
Point of Contact for Data Exhibit	
Point of Contact Email	

A. CUSTOMER TSR INFORMATION (must match OASIS)

AREF# (TSR)	Quantity (MW)	TSR Type
		☐ Original ☐ Redirect

Source	POR	Sink	POD

Customer Comments (from OASIS)

B. RESOURCE INFORMATION

1. Name of Generation Facility	
2. Type of Resource (thermal, wind, solar, etc.)	
3. Location of the new Generation Facility (County, Lat/Long)	
4. Generation Interconnection Reference (GI#)	
5. Feasible BPA Point of Interconnection (POI; substation and voltage)	
6. Maximum Generating Capability (MW at POI)	
7. Up-stream Host Transmission Provider (TP at POI)	
8. Up-stream Host Balancing Authority (BA at POI)	
9. Delivering Party (at POI)	

10. Cumulative Demand Related AREF#s

11. Up-stream Transmission Rights Reference (Contract, AREF#, etc.)

12. Solar Capability Information

a. What is the configuration of the panels? Select one.	☐ Fixed Orientation	☐ Tracking
b. Facility Solar DC Nameplate Capacity (MW)		
c. Facility Solar AC Capacity (MW)		

13. Storage Capability Information

a. Facility Storage Instantaneous Power Capacity (MW)	
b. Facility Storage Energy Capacity (MWh)	

c. What is the configuration of the storage? Select One

☐ AC Coupled Stand Alone	☐ AC Coupled Co-located	☐ DC Coupled Co-located

C. LOAD INFORMATION

1. BPA Point(s) of Delivery (POD; substation and voltage)	
2. Receiving Party (at POD)	
3. Down-stream Host Transmission Provider (TP at POD)	
4. Down-stream Host Balancing Authority (BA at POD)	
5. Generation being displaced	

6. Down-stream Transmission Rights Reference (Contract, AREF#, etc.)

Instruction for Completing the Point To Point Transmission Service Request Data Exhibit

A Customer must complete this Data Exhibit for each request for long-term firm point-to-point transmission service the Customer submits on OASIS. This information in this Data Exhibit is required as part of an application for service under Section 17.2 of BPA's Open Access Transmission Tariff (OATT). BPA's Requesting Transmission Service business practice provides additional information about completing and submitting the Data Exhibit.

- The Customer may contact BPA with any questions about how to complete the Data Exhibit, or to discuss with BPA the information the customer intends to provide in advance of submitting the Data Exhibit. For questions, please contact your BPA Transmission Account Executive.
- The completed Data Exhibit for Transmission Service Requests (TSRs) must be submitted to TBLResDesk@bpa.gov, with a copy to the Customer's Transmission Account Executive, by the applicable deadline specified in the Requesting Transmission Service business practice. The subject line of the email should identify the TSR AREF number and the Customer name (e.g., "TSR# XXXXXX – Customer Name").
- Failure to submit a completed Data Exhibit by the applicable deadline will result in the TSR being DECLINED on OASIS and receiving no further consideration for service.
- If BPA has questions regarding the information provided, or requires further clarification to support a Study of the TSR, BPA will communicate with the customer to enable opportunity for clarification and/or provision of additional information to rectify identified deficiencies.
- The customer will have 5 business days from the receipt of BPA's notice to rectify deficiencies. If the customer fails to rectify their deficiencies in the time period provided, the TSR will be DECLINED on OASIS and receive no further consideration for service.
- BPA reserves the right to seek additional information, consistent with its OATT, not included in this Data Exhibit where it identifies a need for such information.

The headings and section numbers in the instructions below correspond to the section numbers and headings for the fields in the Data Exhibit.

A. CUSTOMER TSR INFORMATION

- Ensure the data fields match what is posted on OASIS (copy/paste rather than re-typing).
- The TSR Type should be ORIGINAL or REDIRECT

B. RESOURCE INFORMATION

1. Name of Generation Facility
   - Provide the name of the generation facility, if known.
2. Type of Resource
   - Provide the type of resource (thermal, wind, solar, etc.). Be specific – do not declare "either/or," i.e. wind or solar. Multiple resource types are allowed, i.e. wind and storage.
3. Location of the new Generation Facility

- Provide the county, latitude and longitude of new generation facilities.

4. Generator Interconnection Number (GI#)
    - For a generation facility that is not yet operational, if available provide the corresponding Generator Interconnection Request number(s) (i.e. GI #) and, if generation facility is interconnecting to another Transmission Provider's transmission system, provide the name of the other Transmission Provider.
5. Feasible BPA Point of Interconnection (POI)
    - Provide the POI where the energy is delivered to BPA, i.e. substation and voltage, or line tap.
    - For a generation facility that is not yet operational, provide a plan of service from a study or other information showing that it is feasible for the energy from the generation facility to be delivered at this POI. The study must identify applicable POI infrastructure upgrades necessary to support the generation facility. The study must consider other nearby resource interconnections (both existing and previously requested).
6. Maximum Generating Capability (MW at POI)
    - Provide the maximum generating capability of the generator facility deliverable at the POI based on a feasible studied plan of service.
    - If a feasibility study identifies multiple alternatives for different generation levels, the specific generation level to be assumed for the interconnection must be identified, and must be supported by the study.
    - For facilities with more than one resource/fuel type, provide the maximum capability of each resource type as well as the total facility capability.
7. Up-stream Host Transmission Provider (TP at POI)
    - For external off-system resources, identify the up-stream host transmission provider that is providing the service to deliver the energy at the POI. Note: this specifically includes any POI associated with a POR of MIDCREMOTE.
8. Up-stream Host Balancing Authority (BA at POI)
    - For external off-system resources, identify the up-stream host Balancing Authority at the POI. Note: this specifically includes any POI associated with a POR of MIDCREMOTE.
9. Delivering Party (at POR):
    - Provide the Delivering Party at the POR (the POR is the reservation point associated with the POI). Pursuant to the BPA OATT, the Delivering Party is defined as "The entity supplying the capacity and energy transmitted at Point(s) of Receipt."
10. Cumulative Demand Related AREF#s
    - If this TSR combined with the sum of the Customer's other confirmed and/or queued TSRs at the same POR results in Cumulative Demand amounts that exceed the cited generating facility capacity, please list all the TSRs by AREF that would contribute to the Cumulative Demand.
    - The Cumulative Demand levels will be verified by BPA.

- If a separate list of Cumulative Demand TSRs is provided, the list only needs to be provided once for each POR and generating facility combination.

11. Up-stream Transmission Rights Reference (Contract, AREF#, etc.)
    - Provide any additional up-stream transmissions rights references if available. This could include:
        - Rights with an up-stream transmission provider (Contract# and/or AREF#)
        - Intertie rights (AREF#s) to deliver from JOHNDAY or BIGEDDY
        - Companion TSR information (AREF#s) for deliveries at NWH
        - Power Purchase agreements for existing or proposed generation
12. SOLAR CAPABILITY INFORMATION
    a. What is the configuration of the panels? Select one.
        - Select the one option that describes the configuration of the generating facility's solar panels.
    b. Facility Solar DC Nameplate Capacity (MW)
        - Provide the generating facility's DC nameplate capacity in MW.
    c. Facility Solar AC Capacity (MW)
        - Provide the generating facility's AC capacity in MW.
13. STORAGE CAPABILITY INFORMATION
    a. Facility Storage Instantaneous Power Capacity (MW)
        - Provide the generating facility's Instantaneous Power Capacity in MW.
    b. Facility Storage Energy Capacity (MWh)
        - Provide the generating facility's Energy Capacity in MWh.
    c. What is the configuration of the storage? Select One
        - Select one option that represents the configuration of the storage facility.
14. ADDITIONAL INFORMATION
    - Where the Customer identifies market purchases or non-specific generation as the source generation of the TSR for off-system resources, BPA will make necessary study model assumptions of adequate generation dispatches in order to identify transmission system impacts. BPA's study results and Customer's upgrade obligations will be a result of BPA's assumptions. Attach any supplemental information regarding the resource(s) that may support BPA in evaluating the request for service.
    - Mid Columbia Area
        - Power purchased from or delivered to Chelan, Douglas, or Grant PUDs is reserved using a POR/POD of BPAT.CHPD, BPAT.DOPD, or BPAT.GCPD, respectively.
        - The Northwest Market Hub (POR or POD of NWH) is an internal market point managed by BPA. The various substations identified within the Northwest Hub do not comprise an ultimate source or ultimate sink. Additional information is helpful

in order to define and study a complete transmission path from an ultimate source to an ultimate sink for a TSR involving the Northwest Hub. If the Customer fails to provide additional information for TSRs with a POR or POD of Northwest Hub, the Customer accepts study assumptions and results as determined by BPA.

- MIDCREMOTE is a reservation point to systems external from the BPA system and is **not a market hub**. When selecting MIDREMOTE as a POR or POD, a MID-C Hosting Transmission Provider (Grant, Chelan, Douglas) and MID-C Balancing Authority (PAC, Avista, PGE, etc.) must be provided.

C. LOAD INFORMATION

1. BPA Point(s) of Delivery (POD)
   - Identify the point (substation and voltage) where the capacity and energy transmitted will be delivered. Be specific to the substation(s) and voltage(s) on BPA's transmission system. The substation and voltage associated with existing PODs are identified on the Contract Points List posted on OASIS.
2. Receiving Party (at POD)
   - Identity the Receiving Party. Pursuant to the BPA OATT, the Receiving Party is defined as "The entity receiving the capacity and energy transmitted by the Transmission Provider to Point(s) of Delivery."
3. Down-stream Host Transmission Provider (TP at POD)
   - For external off-system deliveries, identify the down-stream host transmission provider that is providing the service to take the energy at the POD. Note this specifically includes any Sink associated with a POD of MIDCREMOTE.
4. Down-stream Host Balancing Authority (BA at POD)
   - For external off-system deliveries, identify the down-stream host Balancing Authority that is taking the energy at the POD. Note this specifically includes any Sink associated with a POD of MIDCREMOTE.
5. Generation being displaced
   - Provide information about any generation being displaced.
6. Down-stream Transmission Rights Reference (Contract, AREF#, etc.)
   - Provide any supporting transmission rights information down-stream of the POD that would help BPA in evaluating the requested service if available. This could include:
     - Rights with a down-stream transmission provider (Contract# and/or AREF#)
     - Intertie rights (AREF#s) to take service at JOHNDAY or BIGEDDY for delivery to California.
     - Companion TSR information (AREF#s) for service from NWH that could move the energy to load
     - Power displacement agreements for existing generation serving the load