Point To Point Transmission Service Request Data Exhibit

Customers with a Transmission Service Request that requires a study must provide the information below for BPA to complete an Individual System Impact Study or Cluster Study.

- Failure to submit this Data Exhibit by the applicable deadline will result in the TSR being DECLINED and receiving no further consideration.
- Customer may reach out to BPA with any questions about how to fill out the form, or to discuss with BPA the information the customer intends to submit in advance of submission.
- 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 3 business days from the receipt of BPA’s notice to respond to rectify deficiencies. If the information is still deficient, the customer will be given an additional 3 business days to rectify the deficiencies. If the customer fails to rectify their deficiencies in the time period provided, the TSR will be DECLINED.
- BPA is seeking information as provided in BPA’s Open Access Transmission Tariff (OATT) in order to conduct studies for Long-Term Firm Transmission Service. BPA reserves the right to seek additional information, consistent with its OATT, not included in this Point-To-Point Transmission Service Request Data Exhibit where BPA identifies a need for such information.

The completed Data Exhibit should be submitted to TXDataExhibits@bpa.gov with a copy to the Customer’s Transmission Account Executive.

Customer Name: (Including Point of Contact)

Date Submitted:

Date Validated: (to be completed by BPA)

CUSTOMER TSR INFORMATION

<table>
<thead>
<tr>
<th>AREF # (TSR)</th>
<th>Quantity (MW)</th>
<th>Source/Point of Receipt (POR)</th>
<th>Sink/Point of Delivery (POD)</th>
</tr>
</thead>
</table>
COMPANION TSR INFORMATION (If known) †

<table>
<thead>
<tr>
<th>AREF # (TSR)</th>
<th>Quantity (MW)</th>
<th>Source/Point of Receipt (POR)</th>
<th>Sink/Point of Delivery (POD)</th>
</tr>
</thead>
</table>

† For TSRs with POR or POD of Northwest Hub (NWH), the Customer may submit a second AREF or Companion TSR to demonstrate a complete transmission path from the upstream resource to downstream load being served. The Companion TSR may be associated with either an existing Transmission Service Agreement or with a pending TSR.

- For a POR of Northwest Hub, the companion TSR would cite information from the second AREF identifying the generating facility.
- For a POD of Northwest Hub, the companion TSR would cite information from the second AREF identifying the load ultimately served.

The various substations identified within the Northwest Hub do not comprise an ultimate source or ultimate sink; therefore, this 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 a companion TSR for TSRs with a POR or POD of Northwest Hub, the Customer accepts study assumptions and results as determined by BPA.

RESOURCE INFORMATION

Identify the name and location of the generation facility(ies) supplying the capacity and energy along with the resource type(s). Where the Customer identifies market purchases or non-specific generation as the source generation of the TSR, BPA will make necessary study assumptions to model adequate generation dispatches to identify transmission impacts. BPA’s study results and customer’s upgrade obligations will be a result of BPA’s assumptions.

Location of Generation Facility: (including substation name and voltage)

Name of Generation Facility:

Type of Resource: (thermal, wind, solar, etc)

Maximum Generating Capability of Generation Facility: (MW)
RESOURCE INFORMATION (continued)

For Generation Facilities that are not yet operational, provide the corresponding Generator Interconnection Request number(s) (i.e. GI #) and, if the Generation Facility is interconnecting to another Transmission Provider’s transmission system, provide the name of the other Transmission Provider.

**Generator Interconnection Request #:**

Name of host Transmission Provider for the interconnection:

Provide the identity(ies) of the Delivering Party. Pursuant to the BPA Open Access Transmission Tariff (OATT), the Delivering Party is defined as “The entity supplying the capacity and energy transmitted at Point(s) of Receipt.”

**Delivering Party:**

LOAD INFORMATION

Identify the location of the load ultimately served by the capacity and energy transmitted (substation and voltage on BPA’s transmission system).

**Location of load ultimately served:** (substation and voltage)

Or,

**Name of the Generation Facility(ies) displaced:** (i.e. reduce generation output) due to the capacity and energy transmitted.

Provide the identity(ies) of 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.”

**Receiving Party:**
BPA requests the following information for intermittent and/or storage resources that are associated with the requested transmission service.

INTERMITTENT RESOURCE INFORMATION

If the referenced Generation Facility is a wind or solar facility, provide the latitude and longitude coordinates of the plant.

**Location Coordinates:**
(Latitude and Longitude)

If the referenced Generation Facility is solar, please provide the following additional information:

Will the panels utilize:
- [ ] Fixed Orientation
- [ ] Tracking

What is the nameplate capacity of the DC side, and the amount of capacity that will be delivered to the AC side?

**DC Nameplate Capacity:** (MW)

**AC Capacity:** (MW)

STORAGE CAPABILITY INFORMATION

Does the referenced Generation Facility plan to have energy storage capability?
- [ ] Yes
- [ ] No

If the answer to the question above is Yes, provide the following additional facility information.

What is the instantaneous power capacity of the storage?

**Instantaneous Power Capacity:** (MW)

What is the total energy storage capacity (expressed in MWh, or as a number of hours that the storage can discharge at maximum capacity)?

**Total Energy Capacity:** (MWh)

What is the configuration of the storage?

- [ ] AC Coupled Stand Alone
- [ ] AC Coupled Co-located
- [ ] DC Coupled Co-located