Follow-up on NT Peak Load Forecast Data and NT POD Equipment Ratings Questions

Posted 7/15/2016

Responses to a customer's questions following the June 29, 2016 BP-18 Transmission Rates Workshop

Follow up Questions for NT POD and BPA's response

- **Customer Question #1:** Please provide an Excel spreadsheet containing each NT customer's peak load forecast in MWs over the planning/forecast horizon (by month, and certainly for the BP-16 rate period) at each NT customer's Network POD… (NT customers may have more than 1 POD, in that case, list each POD separately). We are seeking the detail POD load forecast data consistent with the peak loads BPA posted on May 25th after the May 24th workshop that we understand is the basis of the BP-16 peak load forecasts. If a POD is used to serve more than one customer, please separate out the NT customer(s) based upon some proration or other method of estimation and indicate the allocation methodology. Customer identifiers can be used for anonymity. If the May 6th and 24th peak load forecast data did not go to the level requested above, please provide the most recent NT peak load forecast data that does.

Follow up Questions for NT POD and BPA's response

- **BPA Response:** We have the information requested by the customer as forecasted in the BP-16 final proposal. This information will be different than the totals shared in the May workshop since it does not include Short Distant Discounts. Tacoma indicated it would like to have the most updated forecast if we do not have prior forecast. For three customers we had to use the most current information. The excel spreadsheet with this information is posted on the BP-18 Meetings and Workshops webpage.

Follow up Questions for NT POD and BPA's response

- **Customer Question #2:** Provide the equipment ratings (in MWs) at each NT customer POD identified in response to Question 1. (using the same customer identifiers), again, prorating or allocating the POD equipment rating to each NT customer.

Follow up Questions for NT POD and BPA's response

- **BPA Response:** BPA does not use equipment ratings at any given POD in order to allocate capacity to a specific customer, either NT or PTP. Any customer has access to the requested data (rated in either MVA or amperage) directly through load flow data in the same WECC basecases that BPA uses as a basis for its planning studies; customers can access WECC basecases directly or through their own transmission entity. If BPA were to produce the data as requested, BPA would need to access the information in a similar fashion.

  The equipment ratings from basecases would then be combined with the information from Question #1 to derive or attribute capacity at a given POR or POD. Where multiple customers use a common POD as Question #1 suggests, additional assessment would be needed to derive an allocation between the customers – either NT or PTP – at the given POD.

Response to NT Peak Load Forecast Data and NT POD Equipment Rating Questions

- **Customer Question #3:** Provide the equipment rating (MWs) at each POR for the Tier-1 resources used to serve NT load.

- **BPA Response:** BPA does not know what this is asking because Tier 1 power rate categories have no relevance for transmission service and are not used for transmission planning.