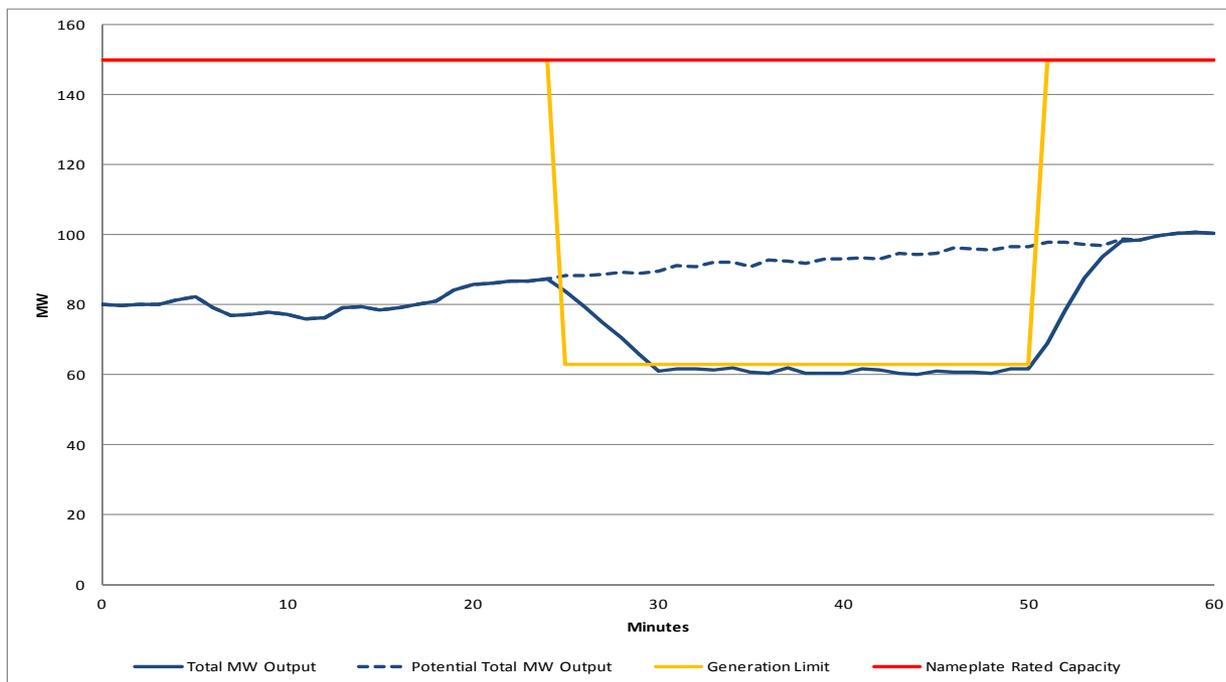


Request for Wind Generation Data

- For previous rate cases, BPA has updated the data set used to forecast reserve requirements to incorporate the most recent actual generation data that has become available. This was done, in part, because of suggestions that using more actual generation data would result in a more accurate forecast.
- BPA-12 calculations used 2 consecutive years of historic generation data
 - Data time period deliberately chosen prior to initiatives that would alter wind generators output for reasons other than changes in wind
- Updating the data set for BPA-14 using more recent actual generation data leaves periods with generation data that is skewed due to limitations for the wind fleet during the times these initiatives were applied.
- BPA is seeking data from the wind fleet for these periods to help continue to improve the data set used to forecast the balancing reserve requirements.

Request for Wind Generation Data

- Many plants calculate the “Potential Generation” output of their plant
 - MW output derived from a power curve and the anemometer data from each turbine.
 - While less accurate than actual generation data, it is more accurate than the output of a plant during operator control.



Request for Wind Generation Data

- BPA is requesting the total Potential Generation for all Wind Plants, who have or can calculate and archive such data, connected to the BPA system in the smallest time increment available (one minute average preferred) for the period of October 1st, 2009 to Present.
 - If data is unavailable for this entire time period, please provide whatever data you do have.

- For those that are able to provide data to BPA immediately, please provide it (MW) in digital format (via email or mail a CD/DVD) to BPA in one of the following formats: comma separated variable (*.csv), Excel (*.xls or *.xlsx), MatLab (*.mat) or text (*.txt).
 - For wind plants consisting of multiple phases, please include each phase as a separate total generation if possible.

 - Provide data to Frank Puyleart: frpuyleart@bpa.gov
OR [Frank Puyleart, TOT-DITT-2, P.O. Box 491, Vancouver, WA 98663](mailto:frpuyleart@bpa.gov)

- Please contact Frank Puyleart at frpuyleart@bpa.gov with questions.