

Transmission Services

BPA Clarifications on the DSO 216 Assessment of “Strikes”

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Summary of DSO 216 Strike Criteria

Strike Assessment for Limit to Schedule Events

A variable generating facility or netted group will be assessed a strike if one or both of the following criteria are met:

- a) The actual generation from each variable generating facility or netted group does not reach the Limit target generation within 10 minutes (rounded to the next full minute) following a Limit directive; and/or
- b) the actual generation of the variable generating facility or netted group exceeds the Limit target generation plus the strike dead band from 10 minutes (rounded to the next full minute) following a Limit directive until the end of the Limit event.

Waiver Criteria for a DSO 216 Strike Assessment

BPA will adopt waiver criteria for strikes under DSO 216:

BPA-TS may waive a strike under DSO 216 for a variable generating facility or netted group on a non-discriminatory basis. A variable generating facility or netted group seeking a waiver must demonstrate good cause for relief, including a demonstration that the event that resulted in the DSO strike assessment:

- a) Was the result of an equipment failure or outage that could not reasonably have been foreseen by the customer; and
- b) could not have been avoided by the exercise of reasonable care; and
- c) did not result in harm to BPAT’s transmission system or transmission services, or to any other Transmission Customer; and
- d) was not part of a recurring pattern of conduct by the Transmission Customer.

Strike Dead Band for Limit to Schedule Events

Based on information provided by the wind turbine manufacturers and wind operators, BPA added a small dead band to limit to schedule events for the purpose of assessing DSO 216 strikes. The strike dead band is a function of the plant capacity in MW for each variable generating facility or netted group.

The strike dead band consists of the greater of either:

- a) 3% of the greater of the capacity in MW of the VERBS BPA Transmission Service Billing Factor or nameplate (number of turbines multiplied by turbine rating) using standard rounding rules (i.e. 0.5 or greater is rounded to 1 MW); or
- b) 4 MW.

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Background

On November 5, 2009, BPA posted for comment and review its draft White Paper on the Clarification on BPA “strikes.” We received feedback on the White Paper at the Large Generator Interconnection Joint Operating Committee meeting on November 10, 2009 and technical input and data from the meeting with wind generator operators and wind turbine manufacturers hosted by Portland General Electric on November 23, 2009. Several parties also submitted written comments to BPA during the comment period, which closed on November 23, 2009.

We would like to thank the parties who sent in comments.

Based on the feedback and comments, the BPA Wind Integration Team made several modifications to its “strike” criteria under DSO 216.

Please send questions to: iCRSOperations@bpa.gov