



## Transmission Services

### Business Practice

#### Election of Full Service for Wind Resources, Version 1

Effective: 10/01/13

This Business Practice is out for comment through September 11, 2013. Submit comments to [techforum@bpa.gov](mailto:techforum@bpa.gov).

Under Full Service, BPA will attempt to purchase balancing reserves on behalf of a Variable Energy Resource Balancing Service (VERBS) Customer to balance the Customer's statistically infrequent schedule errors (*i.e.*, low probability differences between actual and scheduled wind generation). If BPA is successful at purchasing balancing reserves on behalf of the Customer, the Customer's wind project will not be subject to DSO216 levels 1 or 2.1 curtailments.

The Election of Full Service for Wind Resources Business Practice applies to the Variable Energy Resources operating in the BPA Balancing Authority Area (BAA). This Business Practice describes the requirements for Variable Energy Resources that elect Variable Energy Resource Balancing Service (VERBS) Full Services during the FY 2014 - 2015 rate period.

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#### Table of Contents

A. General Requirements .....	2
B. Full Service Election Procedures .....	2
C. Compliance with BPA Dispatcher Directives .....	3
D. Acquisitions .....	3
E. Notification and Scheduling .....	3
F. Clarification in the event VERBS customers are Required to take Full Service.....	3
G. Additional Information .....	4

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## A. General Requirements

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1. A VERBS Customer that elects to participate in Full Service must:
  - a. Take VERBS Base Service and pay the VERBS Base Service rate. See page 65 of BPA's Transmission and Ancillary Service Rate Schedules (FY 2014-2015), Section III E.2; and
  - b. Elect, and maintain eligibility for, a committed scheduling paradigm, as described in the Committed Scheduling for the 2014-2015 Rate Period Business Practice; and
    - i. If a Participant is moved to Uncommitted Scheduling, as outlined in section H of the Committed Scheduling for the 2014-2015 Rate Period Business Practice, it will no longer qualify for Full Service. As a result, it will be subject to DSO216 level 1 and 2.1 curtailments as well as appropriate VERBS rate and Direct Assignment of cost of acquisitions caused by the unplanned increase in the reserve requirements for the BPA BAA.
  - c. Pay the Full Service rate. See page 68 of BPA's Transmission and Ancillary Service Rate Schedules (FY 2014-2015), Section III E.3.; and
  - d. Install at its expense any communication or other equipment or systems that BPA determines to be necessary to effect Full Service; and
  - e. Be on line for at least 90 days; and
  - f. Meet the requirements of all other applicable BPA Business Practices and Technical Requirements for Interconnection to the BPA Transmission Grid.

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## B. Full Service Election Procedures

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1. A VERBS Customer must provide written notice to start or terminate Full Service at least one quarter in advance. BPA will not start or terminate Full Service mid-quarter (except as provided in section A.1.b above). Full Service must begin, or terminate, on the first day of a quarter, namely October 1st, January 1st, April 1st or July 1st.
  - a. For example, to start Full Service on October 1, 2013, a VERBS Customer must submit written notice to BPA of its election by Close of Business on July 1, 2013.
2. Written notice to start Full Service must state the requested Full Service Start Date (quarterly only).
3. Written notice to terminate Full Service must state the requested Full Service End Date (quarterly only).

4. Written notices can be submitted to the Customer's Transmission Account Executive or sent in via the Tech Forum to [techforum@bpa.gov](mailto:techforum@bpa.gov).

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### **C. Compliance with BPA Dispatcher Directives**

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1. Each Customer is subject to BPA Dispatcher Directives.
2. A Full Service Customer is not subject to DSO216 levels 1 or 2.1 curtailments if BPA is successful in acquiring balancing reserves sufficient to meet the Full Service level of service standard.
3. BPA will take reasonable steps to acquire sufficient reserves needed to meet the Full Service standard. In the event BPA is not able to acquire the needed balancing reserves, BPA will notify parties that they are subject to DSO216 curtailments.
  - a. Any balancing reserves acquired for the Full Service pool will increase the balancing reserve allocation for the Full Service pool members in a DSO216 curtailment event.
4. Full Service Customers are subject to Failure to Comply Penalty charges as outlined in the Failure to Comply business practice.

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### **D. Acquisitions**

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1. BPA's Acquisition Strategy for Full Service will include short-term acquisitions of balancing reserves.
2. For any given period, BPA will determine if acquisitions are needed beyond the base amount of reserves held for Base Service, for those parties that have elected Full Service.
  - a. The determination of acquisition need will incorporate forecasted volatility during the upcoming purchase period.
  - b. BPA cannot guarantee success in acquiring near term capacity to meet Full Service performance objectives.
    - i. Examples of reasons that acquisitions may not be made include lack of market liquidity or uneconomic price bids.
3. Customers taking Full Service must pay the costs of acquisitions to support the higher level of service pursuant to BPA's Transmission and Ancillary Service Rate Schedules (FY 2014-2015), Section III E.3.

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### **E. Notification and Scheduling**

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1. BPA will make reasonable efforts to notify Full Service customers 60 minutes prior to the hour of delivery, or as soon as possible, if BPA was not successful in acquiring sufficient balancing reserves.

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### **F. Clarification in the event VERBS customers are Required to take Full Service**

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1. If BPA is unable to obtain a stay of the enforcement of a ruling that materially alters or prohibits the use of DSO216:

- a. All VERBS Customers must make a Full Service scheduling election during the rate period, to be effective at the time that Full Service for all Customers is implemented.
- b. The Full Service scheduling election will require that the VERBS Customer select a Committed Scheduling option from among available scheduling options, including committed 30/30 or 30/60 (and 30/15 or 40/15 scheduling when available).
- c. The Full Service scheduling election will allow VERBS Customers to move to any available superior scheduling option.
- d. These Full Service elections are not subject to any nameplate movement caps specified in the Balancing Service Election for Dispatchable Energy Resource Balancing Service (DERBS), and Variable Energy Resource Balancing Service (VERBS) Business Practice.

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## G. Additional Information

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### Policy Reference

- BPA's Transmission and Ancillary Service Rate Schedules (FY 2014-2015)

### Related Business Practices

- Balancing Service Election for Dispatchable Energy Resource Balancing Service (DERBS), and Variable Energy Resource Balancing Service (VERBS) Business Practice
- Committed Scheduling for the 2014-2015 Rate Period Business Practice

### Version History

Version 1	10/01/13 New Business Practice.
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