

## Billing Factors for Operating Reserves

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The Billing Factors to be used for Operating Reserve - Spinning and Supplemental Reserve Service for both Ancillary and Control Area Services Rate Schedules are listed below. These are effective on October 1, 2013. Billing Factors for the new standard will be implemented on a date set by FERC.

**Operating Reserve - Spinning Reserve:** The Billing Factor for the rates specified in section 1.a. of the FY 2014 Transmission and Ancillary Service Rate Schedule is the Spinning Reserve Requirement determined in accordance with applicable WECC and NWPP standards. Current standards establish a minimum Spinning Reserve Requirement equal to the sum of:

- (i) Two and one half percent (2.5%) of the hydroelectric, wind and solar generation dedicated to the customer's firm load responsibility, plus
- (ii) Three and a half percent (3.5%) of other generation dedicated to the customer's firm load responsibility.

**Operating Reserve - Supplemental Reserve:** The Billing Factor for the rates specified in section 1.a. of the FY 2014 Transmission and Ancillary Service Rate Schedule is the Supplemental Reserve Requirement determined in accordance with applicable WECC and NWPP standards. Current standards establish a minimum Supplemental Reserve Requirement equal to the sum of:

- (i) Two and one half percent (2.5%) of the hydroelectric, wind and solar generation dedicated to the customer's firm load responsibility, plus
- (ii) Three and a half percent (3.5%) of other generation dedicated to the customer's firm load responsibility, plus
- (iii) Any power scheduled into the BPA Control Area that can be interrupted on ten (10) minutes' notice.

