

## Billing Factors for Operating Reserves

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BPA's Ancillary and Control Area Services rate schedules for *Operating Reserve - Spinning and Supplemental Reserve Services* specify that the billing factor for the charges for such services is the relevant reserve requirement determined in accordance with applicable NERC (BAL-002-WECC-2a), WECC, and NWPP standards. The rate schedules also specify that BPA will post the reserve requirements used as the billing factors on its website. The billing factors for these services for the FY 2022-2023 rate period are listed below.

**Operating Reserve - Spinning Reserve Service:** The Billing Factor is the Spinning Reserve Requirement determined in accordance with applicable standards. Current standards establish a minimum Spinning Reserve Requirement equal to the sum of:

- (i) One and one half percent (1.5%) of hourly integrated load, plus
- (ii) One and one half percent (1.5%) of hourly integrated generation.

**Operating Reserve - Supplemental Reserve Service:** The Billing Factor is the Supplemental Reserve Requirement determined in accordance with applicable standards. Current standards establish a minimum Supplemental Reserve Requirement equal to the sum of:

- (i) One and one half percent (1.5%) of hourly integrated load, plus
- (ii) One and one half percent (1.5%) of hourly integrated generation.

