Methodology for Soak Time
10% Deviation Analysis

Modeling Generation Senior Task Force

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Total soak MWh are expected to be ±10% of the submitted profile.

Is a 10% bandwidth around the total soak MWh reasonable, or is there more variation found during historic operations?

- Select a subset of units, representing various sizes, ages and technology types from around the RTO.

- Use three years of history to get an adequate sample size of starts/soaks.

- Pull data from breaker close to Eco Min and determine the total MWh produced for each soak period.

- By unit, average the total MWh produced for all soaks.

- Determine the % variation of each soak to the average.

- On a unit-by-unit basis determine how frequently a soak produces MWh +-10% of the average.