



# SODRSTF Update

Load Analysis Subcommittee

June 20, 2018

- SODRSTF began meeting in December 2017
  - [Problem Statement](#)
    - “It is therefore recommended that PJM staff and stakeholders discuss whether or not there are opportunities to value summer-only Demand Response resources through the load forecasting process or other mechanisms that would serve as an alternative to supply-side participation in the capacity market.”
  - [Issue Charge](#)

- PJM currently has a proposed package that includes potential changes to the load forecast process.
  - PJM will initially generate a new lower load forecast based on a modified load history that assumes perfect curtailment compliance back to 1998.
  - Peak shaving program will be assumed to be enacted every time a pre-determined Temperature-Humidity Index (THI) threshold is reached or exceeded.

- Each peak shaving event will be 6 hours from HE14 to HE19 (***PJM Package***)
- Each peak shaving event will be triggered on non-holiday weekdays which have a max TH1 exceeding the *threshold*
- Peak shaving events can occur any day between May and October

- Forecast model uses unrestricted load
  - Manual 19: “Hourly metered load data are supplemented with estimated load drops...”
  - Shaving would reduce historical unrestricted load, which would lower the forecast through changing model coefficients

- Modify forecast model to include shaving (or load management) as an independent variable
  - Not relying on shaving to get reflected in existing regression model parameters
  - Forecast values would be more consistent with expected operation
  - Can more easily reflect non-performance