A Review of PJM RTO Summer 2017 Loads

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2017 5CPs and the CP Forecast Distribution

PJM RTO
Summer 2017 Peaks and Weather

- 2017 Forecast Distribution
- 2017 5CP Days
- Heat Index
Comparison of 2016 and 2017 Maximum Heat Index to 1993-2017 Average

Maximum Heat Index

- 2016
- 2017
- AVG 1993-2017
Peak Day Comparison

**PJM RTO* Unrestricted Summer Peaks**

- **All-Time**: 166,876 MW (Aug 2, 2006)
- **2016**: 151,945 MW (August 11)
- **Forecast 2017**: 152,999 MW
- **2017**: 145,331 MW

*All peak values reflect current RTO membership*

- 0.4 MW of Load Management
- 6,514 MW (4.4%) below 2016 peak
- 7,568 MW (5.0%) below forecast
2017: Summary

• Peak load below previous year and forecast

• No PJM-declared Load Management events.

• Weather: RTO Peak day heat index second mildest of this decade, and 18 zones had max Heat Index lower than average.

• Peak diversity for summer 2017 was 2.9%.

• Zone Peaks:
  – June: 3, on two different days
  – July: 16, on five different days
  – August: 2, on two different days
  – Only 4 zones peaked on same day as the RTO (all PJM West)