Problem/Opportunity Statement

CAPACITY EMERGENCY PROCEDURES: ADVANCE ALERTING OF POTENTIAL CAPACITY DEFICIENCY OUTSIDE OF A HOT OR COLD WEATHER ALERT

Detailed instructions and process steps are available in M34, Section 6

PROBLEM / OPPORTUNITY STATEMENT

PJM has identified a potential gap in Emergency Procedures as it applies to Capacity Deficiency. Currently, Hot and Cold Weather Alerts are designed to alert Stakeholders of upcoming tight capacity positions moving into high load periods associated with extreme heat or cold temperatures. There is uncertainty with respect to PJM's future capacity position over the coming years. The Spring and Fall outage seasons have brought a higher level of uncertainty as PJM System Operators balance Transmission Outages (support for planned upgrades, maintenance, aging infrastructure projects, forced outages) with Generation outages (planned and forced) with load and reserve requirements. This has led to concern regarding capacity position for every season.

An opportunity exists to explore options for addressing capacity uncertainty during operating periods that fall outside of the temperature parameters under a Hot or Cold Weather Alert. Addressing this concern will lead to better communication between PJM and Market Participants as the PJM System Operators maintain reliability.