

## Step 7 (Real-time): Deploy All Resources Action

For emergency events that evolve over time, PJM will dispatch generation and Load Management resources via the normal mechanisms of SCED, eLRS and direct phone calls. However, for emergency events that develop rapidly and without prior warning, PJM may need to dispatch all resources in a large area very quickly. The purpose of the Deploy All Resources Action, during such emergency conditions, is to instruct PJM Members that all generation resources are needed online immediately and that all Load Management resources dispatched need to reduce load immediately. This step is issued when unplanned events such as the loss of a transmission or generating facility(s) have resulted in reliable operations being jeopardized such that a Voltage Reduction Action or a Manual Load Dump Action may be required.

### ***PJM Actions:***

- PJM dispatch issues the Deploy All Resources Action. This Action can be issued for the entire PJM RTO, specific Control Zone(s) or a subset of a Control Zone if transmission limitations exist and the sub-zone was previously defined.
- PJM dispatch will suspend all reserve assignments and regulation assignments
- PJM dispatches Load Management via eLRS.
- PJM dispatch issues a NERC Energy Emergency Alert Level 2 (EEA2 = ALERT LEVEL 2) via the RCIS to ensure all Reliability Authorities clearly understand potential and actual PJM system emergencies if one has not already been issued concurrent with the issuance of Emergency Load Management Reductions.
  - NERC EEA2 is issued when the following has occurred: Public appeals to reduce demand, voltage reduction, and interruption of non-firm load in accordance with applicable contracts, demand side management, or utility load conservation measures.
- PJM dispatch notifies PJM management, PJM public information personnel, and member dispatchers.
- PJM dispatch cancels the Action when appropriate

### ***PJM Member Actions:***

- Member Generation Dispatchers raise all available online generating units to full output (Emergency Maximum).
- Member Generation Dispatchers start up all offline generation as soon as possible and ramp to full output (Emergency Maximum).
- Member Curtailment Service Providers with Load Management (Pre-Emergency and/or Emergency) reduce load immediately when dispatched.
- Transmission/Generation Dispatchers notify management of the emergency procedure and that they should consider the use of public appeals to conserve electricity usage.
- Member dispatchers notify governmental agencies, as applicable.

- Upon cancellation of this procedure:
  - Units that have not started should abort their start if possible.
  - Online units should return to following SCED basepoints as well as any regulation or reserve assignments.