

Trigger Proposal:

1. A PAI will be triggered for a reserve zone and/or reserve subzone when conditions (a) and (b) are both met or condition (c) is met.
 - a. PJM is short primary reserves for a reserve zone and/or a reserve sub-zone.
 - i. A primary reserve shortage is when the assigned MW are less than the requirement in the dispatch run of the RT SCED.
 - ii. The requirement includes 150 percent of the synchronized reserve requirement, defined to be the largest contingency plus any adjustments made to manage system conditions.
 - b. There is an emergency procedure from the list below in effect for the entire reserve zone and/or reserve subzone experiencing the reserve shortage.
 - i. Voltage Reduction Warning and Reduction of Non-Critical Plant Load
 - ii. Manual Load Dump Warning
 - iii. Simultaneous call of a Maximum Emergency Generation Action and Emergency Load Management Reduction Action
 - iv. Curtailment of Non-Essential Business Load and Voltage Reduction
 - c. The following emergencies will automatically trigger a PAI if they are called for an entire reserve zone or reserve subzone.
 - i. Deploy All Resources Action
 - ii. Voltage Reduction Action
 - iii. Manual Load Dump Action
 - iv. Load Shed Directive
2. The following emergency procedures will not be used in the determination of a PAI:
 - a. Unit Startup Notification Alert
 - b. Maximum Generation Emergency/Load Management Alert
 - c. Primary Reserve Alert
 - d. Voltage Reduction Alert
 - e. Primary Reserve Warning
 - f. Pre-Emergency Load Management Reduction
 - g. Emergency Voluntary Energy Only Demand Response Reductions
 - h. Local Load Shed Directive