

Integrated Operational Plan

Technical Reference Document

The NERC Functional Model includes the responsibility for development of a Balancing Authority Area Integrated Operations Plan (IOP). This plan is to be provided to the Reliability Authority for reliability evaluation and should incorporate the plans of Load Serving Entities and Generator Operators within the Balancing Authority area boundaries. The elements of the plan are characterized by:

1. Forecast Load
 - a. An aggregate load forecast that includes all of the load obligations within the balancing area.
 - b. This forecast must include the loads of all load-serving entities within the area and identify the extent, if any, that loads are available as balancing resources (interruptible loads).
 - c. The forecast time resolution should be at least hourly on a day-ahead basis.
 - d. The forecast must be of sufficient duration to match both the Balancing Authority and Reliability Authority's operational planning needs.
2. Generation and Demand Balancing Interconnected Operation Service Requirements
 - a. The Balancing Authority's required Interconnected Operation Service must be identified. These requirements are based on the Balancing Authority's assessment of its needs, as it deems appropriate to meet NERC standards.
3. Planned Interchange
 - a. The Integrated Operations Plan shall include all Balancing Authority area interchange transactions that will be effective within the Integrated Operations Plan duration.
4. Generating Resources
 - a. The Integrated Operations Plan shall include expected operation of all generation resources within the Balancing Authority area.
 - b. Availability and capability of generating resources.
5. Time Period
 - a. Time interval for all information as specified by the Reliability Authority.