



Manual 15

**Emergency
Operations Manual**

Issued: June, 2018

7. Notify the appropriate Market Participants to prepare to make Special Case Resources (ICAP) resources available for the next day and count expected relief.
8. Notify the appropriate Market Participants to prepare to make the EDRP resources available for the next day and count expected relief.
9. Initiate an Emergency Energy Alert in accordance with NERC Standard EOP 002 for the next day via the RCIS; follow NPCC notification requirement, and notify NYISO External Affairs, PSC, and the NYS Department of Environmental Conservation (DEC).
10. Request the TOs to prepare to curtail non-essential company loads for the next day and to notify appropriate Market Participants to prepare to curtail non-essential company load for the next day.
 - Request the TOs to notify interruptible customers in accordance with contractual agreements to prepare to make interruptible load available for curtailment for the next day.
 - Request the TOs with Manual Voltage Reduction equipment to prepare to initiate procedures to reduce voltage by 5% for the next day.
 - Request the TOs to contact large industrial and commercial customers to request voluntary curtailment of load the next day.
 - Request the TOs to make general radio and TV appeals to the public to request voluntary curtailment of electric power.
11. Count Load Relief that can be implemented within 10 minutes using Quick Response Voltage Reduction as NYISO 10-minute reserve.

4.4.1. Shortage Operating Reserve New York City – Day-Ahead Forecast

New York State Reliability Council Reliability Rules

I-R2. Locational Reserves (New York City) Sufficient *ten (10) minute operating reserves* shall be maintained in the New York City (NYC) *zone* as follows:

- a. The *ten (10) minute operating reserve* for NYCA shall be determined in accordance with Reliability Rules.
- b. A percentage of the *ten (10) minute NYCA operating reserves* equal to the ratio of the NYC *zone* peak *load* to the statewide peak Load shall be required to be selected from *resources* located within the NYC *zone*.

- c. NYC zone ten (10) minute operating reserves shall be maintained at all levels of dispatch, except as necessary to alleviate *emergency* conditions.

SCUC produces a daily report provided to the NYISO which indicates if the NYC zone is deficient in 10-Minute Reserve. The report is distributed with the daily SCUC documents within the NYISO. In the event that the NYISO sees a deficiency, the NYISO will notify Consolidated Edison of the operating day and hours that SCUC indicates a shortage of NYC 10-Minute reserve.

Actions that may be taken to establish NYC reserves for the hours of the deficiency:

- Initiate an SRE request e-mail soliciting bids for 10-Minute Reserve or energy for the hours deficient in NYC reserve.
- Determine if neighboring Reliability Coordinators have sufficient reserve and energy to support transaction to NYCA so that NYC reserves can be reestablished.
- Once bids are received, contact Consolidated Edison and have them SRE any additional units necessary to meet requirements.
- In the case there are insufficient bids to meet the NYC reserve requirement, make appropriate notifications to SCR and EDRP resources for the operating day in the NYC Zone to allow these resources to be counted.
- If the actions above do not satisfy the NYC reserve requirement, notify Consolidated Edison that Voltage Reduction is being counted to meet the NYC reserve requirement.

4.4.2. Shortage Operating Reserve - In Day

The NYISO will monitor the total operating capacity in day. The NYISO shall prepare the NYISO daily status report twice daily in anticipation of the morning peak and evening peak load. If deficiency in Operating Reserves is still forecasted, or if Real-Time Commitment (RTC) forecasts a shortage of reserve or energy for the next hour, the NYISO will take the steps not taken in the DAM that time permits to meet reserve requirements. Additionally, the NYISO will take any or all of the following actions as required based on the category of Operating Reverse Shortage:

In all of the following steps where additional capacity resources are being evaluated, the NYISO shall determine if each step is sufficient to eliminate the deficiency. In addition, all notifications made to TOs shall include approximate starting time and duration associated with each curtailment step.

1. Initiate an e-mail to all Market Participants requesting additional (bids) generation for the specific category required.