



# **Manual 15**

## **Emergency Operations Manual**

**Issued: August 2025**

### **9.3. Test Procedure for Requesting Voltage Reduction**

#### **9.3.1. Voltage Reduction test - simulated**

At an appropriate time during on peak hours, the NYISO shall initiate a test of Voltage Reduction. The NYISO shall clearly indicate that it is a test and that a Major Emergency does not exist. The NYISO shall use the dialog specified in form [D-2, Attachment D](#).

Upon being notified of the test, the TOs shall proceed through the steps that are normally required if an actual request to implement Voltage Reduction is given, without actually activating any Voltage Reduction devices.

#### ***NYISO Actions***

The NYISO shall perform the following:

1. Initiate the test.
2. Record TO test data and times on form [D-2, Attachment D](#).

3. Forward the test data and times to NYISO Grid Operations Management for review.

### ***Transmission Owner Actions***

The TOs shall perform the following:

1. Initiate the test at TO level.
2. Report the following information to the NYISO:
  - System load at time of order.
  - Time notifications completed.
  - Estimated Load Relief achieved.

#### **9.3.2. Voltage Reduction test - actual**

At an appropriate time during on peak hours, the NYISO shall initiate a test of Voltage Reduction. The NYISO shall clearly indicate that it is a test and that a Major Emergency does not exist. The NYISO shall use the dialog specified in form [D-7, Attachment D](#).

Upon being notified of the test, the TOs shall proceed through the steps that are normally required to implement Voltage Reduction, activating the appropriate Voltage Reduction devices.

### ***NYISO Actions***

The NYISO shall perform the following:

1. Initiate the test.
2. Record TO test data and times on form [D-7, Attachment D](#).
3. Forward the test data and times to NYISO Grid Operations Management for review.

### ***Transmission Owner Actions***

The TOs shall perform the following:

1. Initiate the test at TO level.
2. Report the following information to the NYISO:
  - System load at time of order.
  - Time notifications completed.

- Load Relief achieved.

### **D-2: Test of Voltage Reduction Procedure - simulated**

The NYISO Control Room Operator shall make the following statements, using three part communication when appropriate:

- “As of\_\_\_\_\_ (HH:MM) this is a test of the voltage reduction procedure it is expected to be completed within 10 minutes. DO NOT actually initiate voltage reduction. A Major Emergency does not exist.”
- “Report back to the NYISO your load at the time of the ( 3%, 5%, 8%) quick response voltage reduction order, the estimated load relief, and the time that the test of the voltage reduction procedure is complete.”
- “Confirm that this is only a test to simulate the Voltage Reduction Procedure.”
- “This is a test of the voltage reduction procedure. DO NOT actually initiate voltage reduction. A Major Emergency does not exist.”

**Table D- 2: Test of Voltage Reduction Procedure – simulated Form**

Test initiated at \_\_\_\_\_ by \_\_\_\_\_  
(Time and Date) (NYISO Control Room Operator)

| Transmission Owner | Voltage Reduction % | Manual or Quick Response | Time of Order | Time of Completion | Estimated Load Relief (MW) |
|--------------------|---------------------|--------------------------|---------------|--------------------|----------------------------|
| CE                 |                     |                          |               |                    |                            |
| LI                 |                     |                          |               |                    |                            |
| OR                 |                     |                          |               |                    |                            |
| CH                 |                     |                          |               |                    |                            |
| NG                 |                     |                          |               |                    |                            |
| NY                 |                     |                          |               |                    |                            |
| RG                 |                     |                          |               |                    |                            |
| PA                 |                     |                          |               |                    |                            |
| NT                 |                     |                          |               |                    |                            |
| LS                 |                     |                          |               |                    |                            |

Test terminated at \_\_\_\_\_ by \_\_\_\_\_  
(Time and Date) (NYISO Control Room Operator)

## D-7: Test of Voltage Reduction Procedure - Actual

### Actual Test of Voltage Reduction Capability

The NYISO shall make the following statements, using three part communication when appropriate:

- This is an **actual** test of your \_\_\_\_3%, \_\_\_\_5%, \_\_\_\_8% Quick Response voltage reduction capability. A Major emergency does not exist. Reporting via form OE-417 is not required.
- Report back to the NYISO immediately at the completion of the order:
  - The MW load at the time of the Voltage reduction order
  - The MW amount of load reduction
  - The MW load at completion time for being in \_\_\_\_% Quick Response voltage reduction
- Report to the NYISO immediately if you have a system problem that precludes you from participating in this test.
- The test is initiated at \_\_\_\_\_ on \_\_\_\_\_.

**Table D- 4: Test of Voltage Reduction Procedure-actual Form**

| Transmission Provider | Time Reported | Load at Time of Order | Time of Completion | Load at Time of Completion | Load Relief (MW) |
|-----------------------|---------------|-----------------------|--------------------|----------------------------|------------------|
| CE                    |               |                       |                    |                            |                  |
| LI                    |               |                       |                    |                            |                  |
| OR                    |               |                       |                    |                            |                  |
| CH                    |               |                       |                    |                            |                  |
| NG                    |               |                       |                    |                            |                  |
| NY                    |               |                       |                    |                            |                  |
| RG                    |               |                       |                    |                            |                  |
| PA                    |               |                       |                    |                            |                  |
| NT                    |               |                       |                    |                            |                  |
| LS                    |               |                       |                    |                            |                  |
| NYISO Total           |               |                       |                    |                            |                  |

The Test of **Actual** \_\_\_\_% Quick response voltage reduction is terminated at

\_\_\_\_\_. You may resume normal voltage levels.

NYISO control room Operator \_\_\_\_\_