

NEW YORK STATE RELIABILITY COUNCIL

2020 RELIABILITY COMPLIANCE PROGRAM

| REQUIREMENT(S) | REQUIREMENT DESCRIPTION | MEASURE | COMPLIANCE DOCUMENTATION DUE ¹ | DATE RECEIVED | DATE OF RCMS REVIEW | NYISO COMPLIANCE LEVEL ² |
|-------------------------------|--|---------|---|---------------|---------------------|-------------------------------------|
| Resource Adequacy | | | | | | |
| A.2:R1 | 2020 Locational Capacity Requirements | M1 | 3/26/20 | 3/26/20 | 4/2/20 | FC |
| A.2:R2 | LSE ICAP obligations | M2* | 11/25/20 | | | |
| A.3:R1 ³ | 2020 resource adequacy assessment | M1 | 5/28/20 | 5/28/20 | 6/4/20 | FC ⁷ |
| A.3:R2 ³ | 2021-30 resource adequacy assessment | M2 | 1/28/21 ⁵ | | | |
| Transmission Planning | | | | | | |
| B.3: R1 to R3 | List of NYS BPS Facilities | M1 | 6/18/20 | 6/18/20 | 6/25/20 | FC |
| Transmission Operation | | | | | | |
| C.3: R1 to R5 ⁴ | NYISO procedures requiring TO coordination of transmission outages | M1 | 2/27/20 | 2/27/20 | 3/5/20 | FC |
| C.3: R6 ⁴ | TO procedures requiring coordination of transmission outages | M2* | 2/27/20 | 2/27/20 | 3/5/20 | FC |
| C.5: R1, R3 | 2020 fault current assessment | M1 | 6/18/20 | 6/18/20 | 6/25/20 | FC |
| C.5: R2 | Equipment Owner fault current assessment actions | M2* | 6/18/20 | 6/18/20 | 6/25/20 | FC |
| C.8: R1 | Real-time operations of the NYS BPS | M1 | Monthly | 8/5/20 | 8/6/20 | FC ⁶ |
| Emergency Operations | | | | | | |
| D.1: R.10 | Annual statewide voltage reduction tests | M3 | 8/27/20 | 8/27/20 | 9/3/20 | FC |
| System Restoration | | | | | | |
| F.1: R2 | TO system restoration plans | M2* | 3/26/20 | 3/26/20 | 4/2/20 | FC |
| F.1: R3 | Black Start Provider requirements | M3* | 3/26/20 | 3/26/20 | 4/2/20 | FC |
| Local Area Operation | | | | | | |
| G.1: R7 | Con Ed operating procedures and reserves | M3* | 7/30/20 | 7/30/20 | 8/6/20 | FC |

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| G.2: R2 | Con Ed loss of gas supply procedures and actions | M2* | 7/30/20 | 7/30/20 | 8/6/20 | FC |
| G.2: R5 | GO procedures for testing dual fuel capability of MOB combined cycle units | M4* | 7/30/20 | 7/30/20 | 8/6/20 | FC |
| G.2: R6 | GO dual fuel capability testing of combined cycle units | M5* | 7/30/20 | 7/30/20 | 8/6/20 | fc |
| G.3: R2 | LIPA loss of gas supply procedures and actions | M2* | 4/23/20 | 4/23/20 | 4/30/20 | FC |
| G.4: R2 | Con Ed identification of Eligible Black Start units | M2* | 4/23/20 | 4/23/20 | 4/30/20 | FC |
| Control Center Communications | | | | | | |
| H.1: R1, R2 | NYISO telecommunications with TOs | M1 | 8/27/20 | 8/27/20 | 9/3/20 | FC |
| H.1: R3 | Performance data of Control Center telecommunication interfaces | M2 | 8/27/20 | 8/27/20 | 9/3/20 | FC |
| Modeling and Data | | | | | | |
| I.1: R1, R2 | NYISO procedures for resource capacity Verification testing | M1 | 5/28/20 | 5/28/20 | 6/4/20 | FC |
| I.1: R3 | GO generation net dependable capacity tests | M2* | 5/28/20 | 5/28/20 | 6/4/20 | FC |
| I.1: R4 | GO generation reactive power capacity tests | M3* | 5/28/20 | 5/28/20 | 6/4/20 | FC |
| I.2: R1 | NYISO procedures for generating unit outage data reporting | M1 | 9/24/20 | 9/24/20 | 10/1/20 | FC |
| I.2: R2 | GO for generating unit outage data reporting | M2* | 9/24/20 | 9/24/20 | 10/1/20 | FC |
| I.2: R3 | Generating unit outage statistics | M3 | 9/24/20 | 9/24/20 | 10/1/20 | FC |
| I.2: R4.4 | SCR performance report | M4 | 9/24/20 | 9/24/20 | 10/1/20 | FC |
| I.2: R5 | RIP SCR performance data reporting | M5* | 8/27/20 | 8/27/20 | 9/3/20 | FC |
| I.3: R1 | NYISO procedures for actual & forecast load reporting | M1 | 11/24/20 | | | |
| I.3: R2 | Annual actual and forecast load data | M2 | 11/24/20 | | | |
| I.4: R1 | NYISO procedures for transmission data reporting | M1 | 10/29/20 | | | |
| I.4: R2 | NYISO transmission data base updating | M2 | 10/29/20 | | | |
| I.4: R3 | MP transmission data reporting | M3* | 10/29/20 | | | |

*Applicable to Market Participants; NYISO compliance certification is required.

Footnotes

1. Compliance documentation due dates are generally scheduled seven days prior to RCMS meetings. Compliance documentation requirements are shown in Appendix 1.
2. NYISO Compliance Levels
 - FC – Full Compliance
 - NC1 – Non-Compliance Level 1
 - NC2 – Non-Compliance Level 2
 - NC3 – Non-Compliance Level 3
 - NC4 – Non-Compliance Level 4
3. This is a revised Requirement in accordance with PRR 145.
4. This Requirement was revised in 2019 per PRR 144.
5. On April 30, 2020 RCMS approved the rescheduling of the compliance documentation due date for **A.3: R2** to the end of January 2021. This change was required after the NYISO announced that the final 2020 RNA report is scheduled to be published in November 2020 and the PRR 145 Implementation Plan for **A.3: R2** requires that compliance documentation must be submitted within 60 days after publication of this report.
6. This Full Compliance finding applies to the June and July 2020 operations reports. All previous 2020 operations reports were also found in Full Compliance.
7. This Full Compliance designation was predicated by RCMS receiving, by June 11, NYISO submission of a revised 2020 Resource Adequacy Assessment report. Accordingly, a revised report was submitted by the NYISO on June 8.

APPENDIX 1: 2020 RELIABILITY COMPLIANCE PROGRAM – COMPLIANCE DOCUMENTATION REQUIREMENTS

| Requirements | Type of Reporting** | Compliance Period | Compliance Documentation Requirements |
|----------------------|--|---------------------|---|
| A.2: R1 | Complete documentation according to M1 | | A NYISO Locational Capacity Requirement (LCR) study report, covering the 2020-21 Capability Year, shall be provided. An appropriate NYISO staff person should be available at the RCMS meeting to discuss this report and answer questions. |
| A.2: R2* | Certification according to M2 | Nov. 2019-Oct. 2020 | |
| A.3: R1 | Complete documentation according to M1 | | A NYCA Resource Adequacy Assessment covering the 2020-21 Capability Year shall be provided. One month before the assessment is presented for compliance, the RCMS and NYISO staff shall agree on the scenarios to be included in the analysis. An appropriate NYISO staff person should be available at the RCMS meeting to discuss the assessment report and answer questions. A.3: R1 is a recently revised Requirement, in accordance with PRR 145. |
| A.3: R2 | Complete documentation accordingly to M2 | | A NYCA Resource Adequacy Assessment covering the 2021-30 period shall be provided. A summary report covering this assessment shall be consistent with the <i>NYSRC Guidelines for NYCA Long-Term Resource Adequacy Assessments</i> . An appropriate NYISO staff person should be available at the RCMS meeting to discuss this report and answer questions. A.3: R2 is a new Requirement, in accordance with PRR 145. |
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| B.3: R1 to R3 | Complete documentation according to M1 | | The compliance submission should reference the NYISO procedure for developing a list of NYS Bulk Power System facilities and submit the present list to RCMS. This information will handled, if necessary, in accordance with appropriate information protection procedures. |
| | | | |
| C.3: R1 to R5 | Self-Certification according to M1 | 2019 Calendar Year | The self-certification shall certify that the NYISO maintained transmission outage coordination procedures and systems in accordance with R1 to R5. |
| C.3: R6* | Certification according to M2 | 2019 Calendar Year | The NYISO shall certify that each Transmission Owner maintained transmission outage coordination procedures and systems during 2019 in accordance with R6. |
| C.5: R1, R3 | Complete documentation according to M1 | | A report covering an evaluation of the fault duty at each BPS station for the 2020-21 Capability Year shall be provided. If the report shows fault duty levels exceed equipment ratings, mitigation plans jointly approved by the NYISO and equipment owners shall be provided. |

| Requirements | Type of Reporting** | Compliance Period | Compliance Documentation Requirements |
|------------------|--|----------------------|--|
| C.5: R2* | Certification according to M2 | | This certification applies to Equipment Owner evaluation of the NYISO 2020-21 Capability Year fault duty assessment required by C.5: R1 . |
| C.8: R1 | Self-Certification according to M1 | Monthly | Monthly operations reports that provide data on the performance of the NYCA system for that month shall be provided. Data to be included in this report shall be in accordance with R1.1 to R1.8 requirements. |
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| D1: R10 | Complete documentation according to M3 | | A report on the results of statewide voltage reduction tests for the 2020 summer period shall be provided. |
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| F.1: R2 * | Certification according to M2 | | The NYISO shall include in the Certification that each TO has a SRP in accordance with R2, and each TO has confirmed that the black start resources that the TO has identified as necessary for implementing its SRP will assure that the TO system will be restored in a safe and orderly manner, and as promptly as reasonably possible following a major or total blackout. |
| F.1: R3 * | Certification according to M3 | 2019 Capability Year | The NYISO shall certify that (1) each Black Start Provider has revised its procedures as necessary for meeting requirements R2 and R3, (2) it received a letter during 2019 from each Black Start Provider confirming that it maintained a list of critical components and tests these components in accordance with R3.3, (3) it received sufficient documentation from each Black Start Provider showing that the Black Start Provider developed required test procedures and accordingly successfully tested its black start facilities for the 2019-20 Capability Year in accordance with R3.1, and (4) each Black Start Provider met NYISO training requirements in accordance with R3.4. |
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| G.1: R7 * | Certification according to M3 | 2019 Calendar Year | The certification shall include a list any notifications it has received from Con Edison when actions were taken in 2019 accordance with G1 requirements. The list shall be handled in accordance with appropriate Con Edison information protection procedures. |
| G.2: R2* | Certification according to M2 | 2019 Calendar Year | The NYISO shall certify that Con Edison has in place procedures for operating its system to comply with G.2 and NYISO procedures, in accordance with R.1.1 and R2, and that in 2019 Con Edison notified the NYISO when actions were taken in accordance with R.1.2 and R2. |
| G.2: R5* | Certification according to M4 | | The NYISO certified that each applicable owner of MOB dual fuel units has prepared test procedures in accordance with R5 requirements. |

| Requirements | Type of Reporting** | Compliance Period | Compliance Documentation Requirements |
|--------------------|------------------------------------|-----------------------------|---|
| G.2: R6* | Certification according to M5 | 2019 Calendar Year | The NYISO certified that each applicable owner of MOB dual fuel units tested its dual fuel capability in accordance with R6 requirements. The certification shall state the general results of 2019 tests and will be handled in accordance with appropriate information protection procedures. |
| G.3: R2* | Certification according to M2 | 2019 Calendar Year | The NYISO shall certify that LIPA has in place procedures for operating its system to comply with G.3 and NYISO procedures, in accordance with R.1.1 and R2 and that in 2019 LIPA notified the NYISO when actions were taken in accordance with R.1.2 and R2. |
| G.4: R2* | Certification according to M2 | 2019 Calendar Year | Con Edison conducted a study in 2019 for identifying eligible black start resources; or shall certify that a study was not required because there were no changes to relevant system conditions that would have affected the results of the previous study, in accordance with R2. |
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| H.1: R1, R2 | Self-Certification according to M1 | | This NYISO shall certify that it has established procedures that require that communications between the NYISO and Market Participants are consistent, efficient, and effective during normal and emergency conditions. |
| H.1: R3 | Documentation according to M2 | | The NYISO shall submit to the NYSRC a report providing performance data of control center communications interfaces in accordance with R3. |
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| I.1: R1, R2 | Self-Certification according to M1 | | The NYISO shall certify that it has established procedures for resource capacity data verification testing for all equipment utilized for providing installed capacity to the NYCA in accordance with R1 and R2. |
| I.1: R3 * | Certification according to M2 | Summer 2018, Winter 2018-19 | |
| I.1: R4 * | Certification according to M3 | Summer 2018 | |
| I.2: R1 | Self-Certification according to M1 | | The NYISO shall certify that it maintains generating unit outage data reporting and outage data processing procedures. In addition, the NYISO shall submit to the NYSRC the following: (1) Documentation describing its generating unit outage data processes, and (2) Results of its generating unit outage data screening program in 2019, including the number of instances of misreported outage data and how the misreported outage data was |

| Requirements | Type of Reporting** | Compliance Period | Compliance Documentation Requirements |
|--------------|------------------------------------|----------------------|--|
| | | | corrected. The reported documentation will be handled in accordance with appropriate information protection procedures. |
| I.2: R2 * | Certification according to M2 | 2019 Calendar Year | |
| I.2: R3 | Self-Certification according to M3 | | In addition, historical generating outage data shall be prepared and submitted to ICS for use in the 2021-22 IRM Study. |
| I.2: R4.4 | Complete Documentation | | The NYISO shall submit to ICS a report in 2020 that presents SCR performance results for the most recent Capability Year. |
| I.2: R5 * | Certification according to M5 | 2019 Capability Year | |
| I.3: R1 | Self-Certification according to M | | The NYISO shall certify that it maintains documentation including the scope and details of load data reporting requirements. |
| I.3: R2 | Self-Certification according to M1 | | In addition, appropriate load forecast data shall be submitted to ICS for use in the 2021-22 IRM Study. |
| I.4: R1 | Self-Certification according to M1 | | The NYISO shall certify that it has established and maintained procedures for the development and maintenance of load flow, short circuit, and stability data. |
| I.4: R2 | Self-Certification according to M2 | | The NYISO shall certify that load flow, short-circuit, and stability data bases were updated in accordance with NYISO procedures and schedules. |
| I.4: R3 * | Certification according to M3 | 2019 Calendar Year | |

*This is a Market Participant requirement.

** The various types of compliance reports are described in NYSRC Policy 4, Section 4.