February 12, 2024

MEMORANDUM

To: Distribution List
From: Christopher Wenlent - New York State Reliability Council Executive Committee Chairman

Subject: Reliability Rule B.5: Establishing New York Control Area (NYCA) Interconnection Standards for Large Inverter based Resource (IBR) Generating Facilities

The New York State Reliability Council, L.L.C. ("NYSRC") is a not-for-profit entity, organized in 1999 as a Delaware limited liability company, whose mission is to promote and preserve the reliability of electric service on the New York State Power System by developing, maintaining, and, from time-to-time, updating the Reliability Rules which shall be complied with by the New York Independent System Operator ("NYISO") and all entities engaging in electric transmission, ancillary services, energy and power transactions on the New York State Power System.

On Friday February 9, 2024, the NYSRC Executive Committee approved Potential Reliability Rule PRR 151 - Establish minimum interconnection standards for Large Inverter Based Resource (IBR) Generating Facilities based on IEEE Standard 2800 - 2022 document as Reliability Rule B.5: Establishing New York Control Area (NYCA) Interconnection Standards for Large IBR Generating Facilities and the related Procedures Document for inclusion in its next revision of its Reliability Rule & Compliance Manual. Rule B.5 is effective upon with approval.

Reliability Rule B.5 is based upon: (1) recent disturbances in Texas and California where IBRs failed to perform reliably, creating system supply deficits; (2) the cumulative expected magnitude of IBRs in the NYCA per New York State's Climate Leadership & Community Protection Act (CLCPA) mandates; (3) NERC's recommendation for Authorities Governing Interconnection Requirements (AGIR) to immediately adopt IEEE Standard 2800-2022; and (4) FERC's RM22-12-000 NOPR on Reliability Standards to Address Inverter Based Resources. In addition, the need for the new rule is demonstrated by the New York Independent System Operator's (NYISO) Interconnection Queue which as of 6/30/23 has greater than 120,000 MW's of Large Facility (>20MW) Inverter Based Resources.

Reliability Rule B.5 addresses interconnection study and performance compliance requirements for "as-designed" IBR plants based on IEEE 2800-2022. A subsequent reliability rule effort will address modeling data, performance monitoring and validation, test, and verification requirements for "as-built" IBR plants based on IEEE 2800-2022 and associated standards.