

Telemetry and Cybersecurity Guidance for Eligibility to Apply to the NYISO Wholesale Market under  
FERC Order 2222

### **Background**

Orange and Rockland will be leveraging SD-WAN technology to facilitate the communications between the DER Aggregator and the Utility to support the NYISO Wholesale Market under FERC Order 2222. The DER Aggregator shall contact and order an SD-WAN connection with the SD-WAN vendor directly. The vendor will provide the necessary forms and documentation to provision a connection to Orange and Rockland's SD-WAN. As part of the process, the vendor will assign a project manager and engineer to review, design, and configure the new connection.

### **Ownership Responsibility**

The DER Aggregator owns the individual contract with the vendor. They will provide their own RTU, which complies with the telemetry requirements mentioned below. The DER Aggregator is responsible for contacting and providing all information required by the vendor to facilitate the contract and connection. The DER Aggregator will collaborate directly with the vendor to design, maintain, and troubleshoot the SD-WAN connection. Any issues or maintenance needed for customer furnished RTUs are the responsibility of the DER Aggregator.

### **Telemetry**

The DER Aggregator is required to have an internet connection and an IP based DNP3 level 2 compliant RTU. The DER Aggregator RTU must respond to integrity, class, and change polls (with timestamps and quality tags) as a server RTU to the Orange and Rockland client RTU. No unsolicited DNP3 communication is allowed. It is highly recommended that the DNP3 protocol be native to the DER Aggregator RTU for simplicity and to avoid potential errors arising from the use of intermediate protocol converters.

Approved Vendor(s):

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