Metering & Telemetry: How ISO-NE Sees and Interacts with Your Market Asset

This document explains how metering and telemetry work together to support participation, and what capabilities are required for the ISO to monitor, communicate with, and settle market asset performance.

Measured output used for settlement and audit

Real-time data exchange (for applicable dispatchable services)

Data retained for verification and settlement

Market Asset (Market Resource)

A distributed energy resource (DER) or aggregation represented in ISO-NE markets that produces or consumes energy

Metering

Measures output or consumption for settlement

Telemetry

Real-time operational data exchange (when required)

ISO New England

Receives metering and operational data and, for applicable dispatchable services, sends dispatch instructions

Dispatch Instructions & Market Asset Response (when applicable)

What affects your setup?

Measurement Location

Point of Interconnection (POI) or Retail Delivery Point (RDP)

Asset Configuration

Single asset or aggregated assets

Aggregation

Individual DERs combined and represented as one or more market asset (market resource) in ISO-NE systems

Common Issues

- Misaligned telemetry location
- Incomplete metering configuration
- Unclear submetering approach
- Performance cannot be settled or audited

Note: For the purposes of this training, the terms "Market Asset" and "Market Resource" are functionally the same and refer to entities participating in the Day-Ahead and Real-Time Markets.