

Wind/Solar Intermittent Power Resource (IPR) Metering Requirements

Meter Requirements

- Meters must:
 - Be approved by Metering Authority
 - Provide revenue-quality metering information
 - Provide six-second telemetry
 - Comply with minimum acceptable accuracy standards
- Fulfill Station Power requirements
- Intermittent Power Resources with a capability of 200 MW or more, required to have Phase I (analog) metering, along with Phase II (digital) metering

Meter Authority

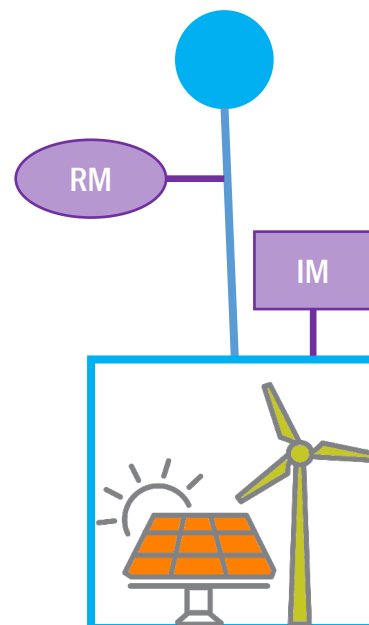
- An entity responsible for the calibration, maintenance, operation, and reporting of metered data from an electric revenue meter used in the wholesale electricity markets administered by the NYISO
- For stand-alone Wind/Solar IPRs, typically a Transmission Owner (TO)
- Decided based on Inter-connecting TO
- Will provide instantaneous and hourly metered data (meeting NYISO and TO requirements), to the NYISO and the TO

Metering Configuration

Meter Designation	Meter Requirements	Data Flows
RM	Revenue grade, dual channel meter; Reported by a Meter Authority	Hourly data
IM	Instantaneous metering	6 second aggregated output telemetry*

* RT telemetry used for Settlements and other operational purposes

Point of Injection (POI)



- For Wind/Solar IPRs co-located with an Energy Storage resource (ESR), at one POI, additional metering requirements may apply. Please refer to the Co-Located Storage Resource Participation Model e-learning module on the Market Training webpage of the NYISO website
- For Wind/Solar IPRs facilities that are part of a DER Aggregation, please refer to the Distributed Energy Resources (DER) Metering Configurations infographic of the DER Onboarding Educational suite, that can be found on the Market Training webpage of the NYISO website