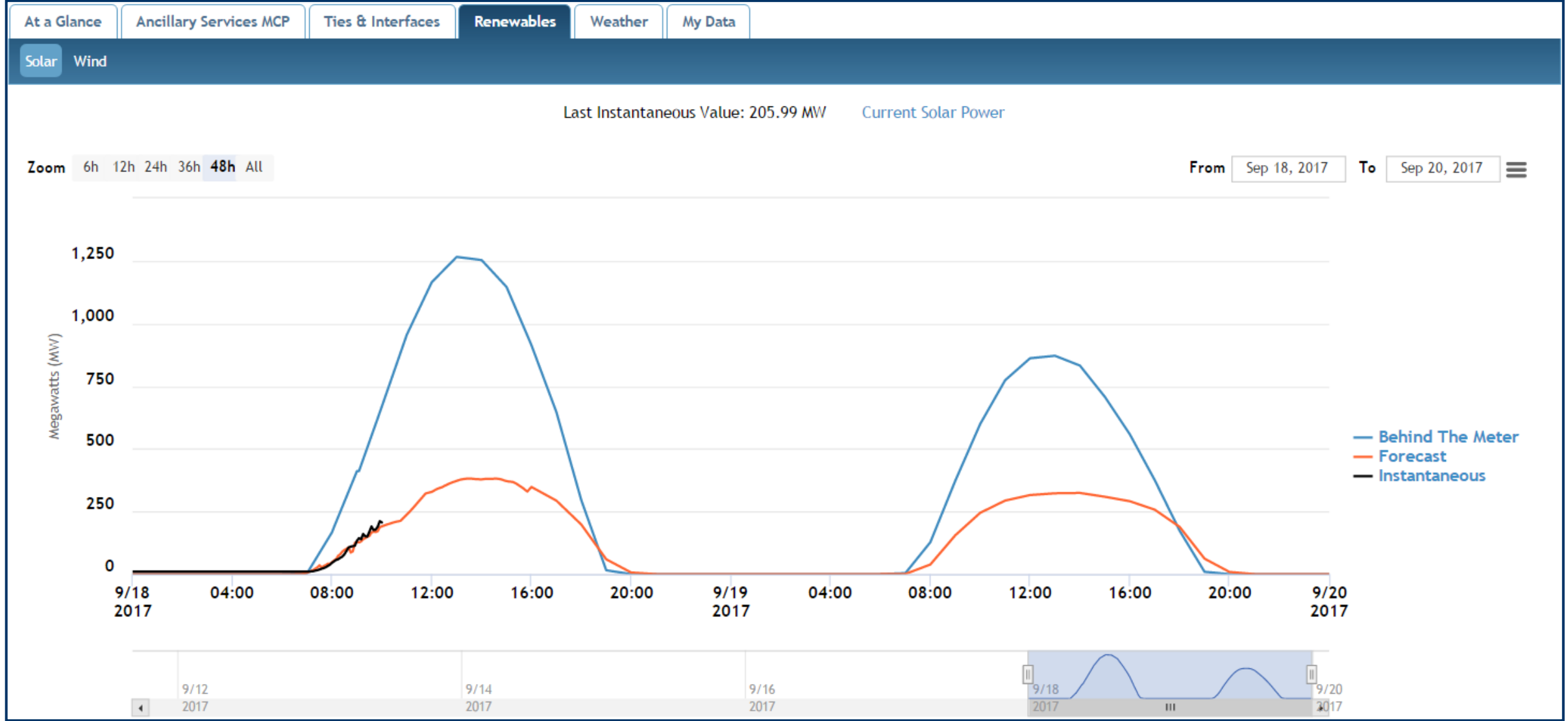


PJM Solar Power Forecast Update

Joseph Mulhern
Sr. Engineer, Generation

Intermittent Resources Subcommittee
September 18, 2017







Individual Unit Solar Forecasts in Markets Gateway

- **Solar Forecast**
 - Located under Generator > Unit > Solar Forecast
 - Will allow participants to view solar forecast MW values on an hourly basis
 - Supports XML download. Documentation updated on [Markets Gateway](#) page
 - [External Interface Specification Guide](#)
 - [XML Schema](#)

- **Schedule**
 - Installed in Train – August 24
 - Available in Production – September 14

| Area | Action Required | Outage |
|----------------|-----------------|------------|
| User Interface | None | 15 minutes |
| Browserless | None - Optional | 15 minutes |



Individual Unit Solar Forecasts in Markets Gateway

- Bilaterals
- Con Edison
- Demand
- ▶ Demand Response
- ▼ Generator
 - Unit**
 - Schedules
 - Dispatch Lambda
 - Market Results
 - Regulation Market
 - Synchronized Reserve Mar
 - Day-Ahead Scheduling Res
- Interface Pricing
- Opportunity Cost Calculator
- Parameter Limits
- Price Responsive Demand
- ▶ Public
- System Utilities
- Up-To-Transaction
- Virtual
- Weather Forecast

Market Day Portfolio Location

Company >> 2017-07-07 >> SolarUnit 1 (xxxxxxx)

| Hour ▲ | Forecast MW |
|--------|-------------|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |
| 13 | |
| 14 | |
| 15 | |
| 16 | |