

# July 1, 2025 Synchronized Reserve Performance Inquiry Results

Operating Committee  
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Joel Romero Luna  
Earl Hyatt



Monitoring Analytics

# Reserve Performance Inquiry

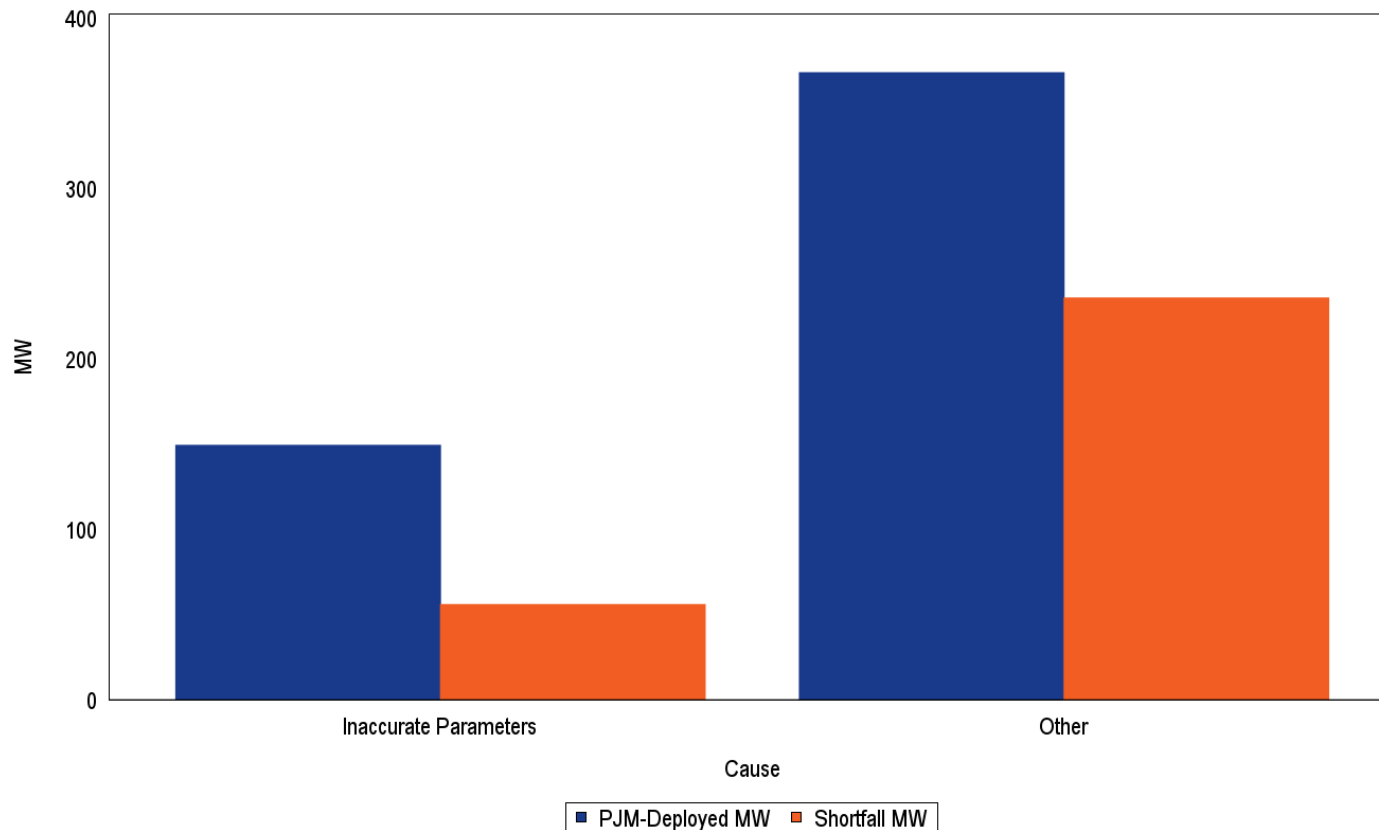
- The IMM contacted resources regarding their underperformance during the July 1, 2025 synchronized reserve event.
- The July 1, 2025 event had a 80% response (2,337 MW responded of 2,918 MW deployed, 581 MW did not perform).
- Performance including over response was 100% (2,933 MW).
- Results:
  - 33 resources of interest contacted (65% of total shortfall).
  - So far, 20 resources categorized by primary cause of shortfall, representing approximately 292 MW (50% of the total 581 MW of shortfall initially of interest).

Note: Values can change as communications continue. Numbers might differ from PJM presentations.

# Category Definitions

Category	Definition
Inaccurate Parameters	Ramp rates, economic maximums, offer amounts, and other parameters overstated resource ability
Other	Other causes grouped for confidentiality
Modeling Issues	Transition time to put equipment into or out of service, which is not always captured well by parameters like ramp rates
Communication Delay / Failure	Information reached operators too late to perform, or operators were not contacted.
Hardware/Software Issue	Mechanical problems that occur during response, or misconfiguration or logic errors in software that deploys the response or manages/monitors the unit
Process Issue	Business procedures introduce some amount of delay

# MW Shortfall by Primary Cause



**Monitoring Analytics, LLC**

**2621 Van Buren Avenue**

**Suite 160**

**Eagleview, PA**

**19403**

**(610) 271-8050**

**[MA@monitoringanalytics.com](mailto:MA@monitoringanalytics.com)**

**[www.MonitoringAnalytics.com](http://www.MonitoringAnalytics.com)**

