

# August 18, 2024 Synchronized Reserve Performance Inquiry Results

Operating Committee  
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Joel Romero Luna  
Earl Hyatt



Monitoring Analytics

# Reserve Performance Inquiry

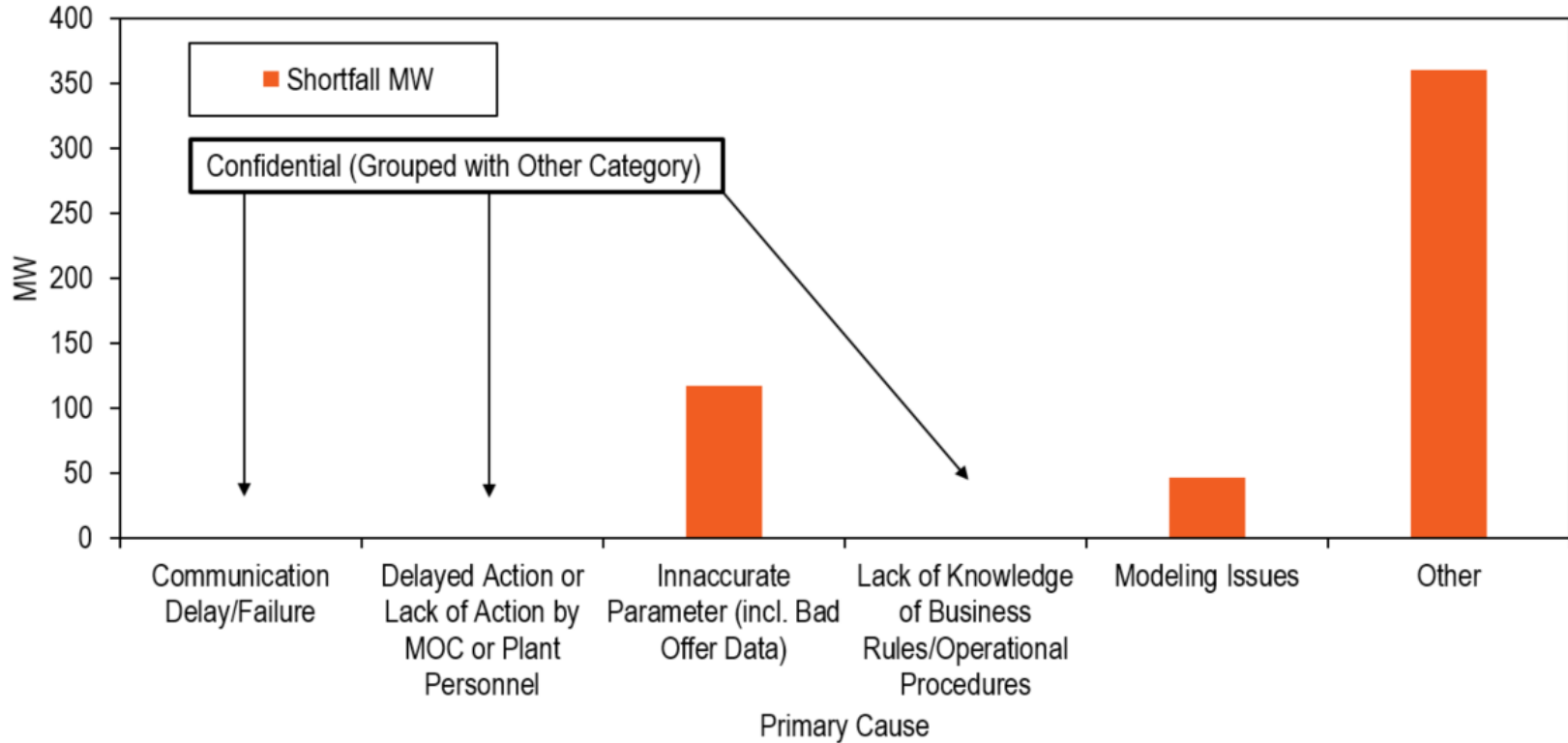
- The IMM contacted resources regarding their underperformance during the August 18, 2024 synchronized reserve event.
- The August 18, 2024 event had a 69% response (1,342 MW responded of 1,945 MW assigned, 603 MW did not perform).
- Results:
  - 31 resources of interest contacted.
  - So far, resources categorized by primary cause of shortfall, representing approximately 524 MW (83% of the total 629 MW of shortfall initially of interest).

Note: Values can change as communications continue.

# Category Definitions

Category	Definition
Delayed Action or Lack of Action by MOC or Plant Personnel	Incorrect action or lack of action taken by MOC operator or plant personnel after contact/notification
Lack of Knowledge of Business Rules/Operational Procedures	Contact/notification was made, but operator did not know what to do when spin event was called
Followed Basepoint Instead of Loading Reserves	Followed basepoint when unit should have come off AGC and fulfilled reserve assignment
Communication Delay / Failure	Information reached operators too late to perform, or operators were not contacted.
Modeling Issues	Transition time to put equipment into or out of service, which is not always captured well by parameters like ramp rates
Inaccurate Parameters	Ramp rates, economic maximums, offer amounts, and other parameters overstated resource ability
Other	Other causes grouped for confidentiality

# MW Shortfall by Primary Cause



# Highlights

- Unlike the results from the July 8, 2024 event, due to confidentiality, MW following AGC could not be separated.
- Large part of the “Other” category could have been categorized differently absent the confidentiality rules. Some MW under “Other” were due to:
  - Communication Delay/Failure
  - Delayed Action or Lack of Action by MOC / or Plant Personnel
  - Lack of Knowledge of Business Rules/Operational Procedures
- Some of the modeling/parameter issues identified during the July 8, 2024 inquiry have been addressed/discussed but not before the August 18, 2024 event.

**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)**

