Manual 11 **Offer Cap Verification** Joe Bowring Joel Romero Luna Sept. 13, 2017 Catherine Tyler **Monitoring Analytics**

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Offer Caps and Market Power

- Efficient markets require that prices reflect the short run marginal cost of production.
- Offer caps and market power mitigation provide protection against inefficiently high prices when a supplier has market power.
- The goal is the right price. Not too high and not too low.





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Order 831

- FERC requires RTOs to develop a new process:
 - RTO or IMM verified cost-based offers
 - \$1,000/MWh to \$2,000/MWh prior to market clearing
 - Over \$2,000/MWh for make whole payments
 - Verification also applies to demand response.
 - Build on existing market power mitigation practices for offer verification.



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Existing Practices for Cost Verification

- Fuel Cost Policies
- IMM after the fact verification
- IMM cost input data collection (MIRA)



Issues with Automated Screen

- The IMM raised significant issues with the PJM compliance filing in a FERC filing:
 - Not building on existing practices
 - o Not using IMM resources
 - Not using most accurate data available
 - MIRA and Fuel Cost Policies
 - Inaccurate automated screen formulation
 - No PJM or IMM ex ante verification for demand response



Issues with Offer Verification Process

- Accurate, timely verification requires a clear streamlined process.
 - Should specify data used from MIRA
 - Should require cost inputs other than fuel cost prior to operating day
- IMM verification of cost-based offer compliance
 - Like penalty language, IMM and PJM agreement should be required before offers are used.
- Demand Response costs should be in Manual 15.
 - Same level of review as generation





Uplift Payment Eligibility: M11 Attachment D

- Att. D covers uplift payments for approved exceptions to screening process and offers over \$2,000 per MWh.
- M11 Att. D does not make clear that:
 - The unit must operate in real time for eligibility.
 - All parts of the cost offer will be verified (incremental energy, start up, no load).
 - IMM verification of the cost offer should be required.



Monitoring Analytics, LLC 2621 Van Buren Avenue Suite 160 Eagleville, PA 19403 (610) 271-8050 **MA@monitoringanalytics.com** www.MonitoringAnalytics.com



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