

Performance Score Update

Regulation Market Issues Senior Task Force July 19, 2016 Danielle Croop, senior engineer – Performance Compliance



- Working to enhance/improve performance scoring for regulation
 - Performance Score Calculation (Matrix Item 15, 16, 16A, 16B, 16C)*
 *16A, 16B, 16C New Matrix Items
 - Regulation Participation Threshold (Matrix Item 17, 18B)
 - Regulation Qualification Testing (Matrix Item 14)



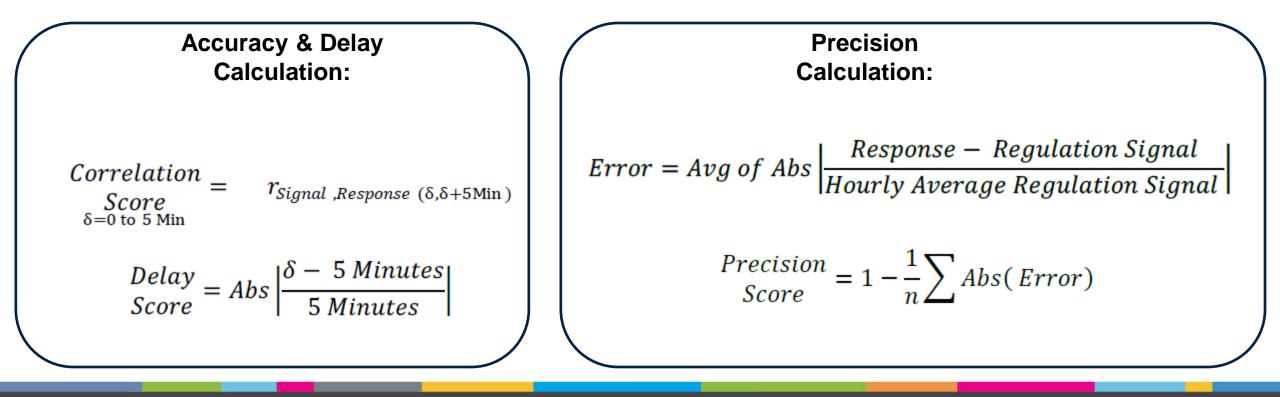
Performance Score

- Performance Score Calculation
 - Reevaluating the calculation of accuracy, delay and precision and the inclusion of all three components
 - PJM sees the intent of all components as important but is looking for the best way to represent them in the calculation.
 - PJM is also ensuring the performance calculation will account appropriately for when resources are not following the signal. (resource duration, basepoint issues, etc.)
 - Status Quo: 1/3 accuracy + 1/3 delay + 1/3 precision



Performance Score

- Performance Score Calculation
 - Status Quo: 1/3 accuracy + 1/3 delay + 1/3 precision
 - Current calculations being revisited





Performance Score

- Regulation Participation Threshold
 - Participation in regulation needs to be held to a higher standard than the current 40% threshold.
 - PJM believes the participation threshold should be equivalent to the qualification threshold.
 - Changes in qualification testing and/or performance score may change proposing the participation threshold equivalent to qualification threshold.



- - Regulation Qualification Testing
 - Qualification testing requirements to stay status quo
 - Performance scoring of qualification test will be in line with new proposed calculation
 - Threshold of qualification test (currently 75%) will be evaluated once performance metrics are finalized