

Reliability Metrics Working Group Response

Daily Frequency Outlier Noise

First frequency outliers are subjective with respect to many control functions. As indicated above frequency outliers could be due to control adequacy, reserve adequacy or transmission adequacy. The NERC RS established this methodology with no industry input. It does not identify the reliability problem. Designing a metric around the problem (cause) is not simple and there is no consensus on the use of the measurement and methodology.

Excessive daily frequency noise may be a good metric and should be investigated further. The change in RMS value of the noise deviation could indicate some level of change in control performance.

RMWG Concensus: Dismissed, (Waiting for additional analyses or support such as the FERC frequency study expected in 2010).