

LMP Divergence

Metric Number To be determined

Submittal Date May 7, 2009

Sponsor Group (OC, PC or subgroup name) Entergy Services, Inc.

Short Title LMP Divergence

Metric Description

Purpose Indicator of transmission grid stress in the organized markets at the moment of the clearing time.

How will it be suited to indicate performance? LMP divergence indicates the two extremes that is the bus at which it is cheapest to inject power and the bus at which it is most expensive to extract power. This algebraic sum is one indication of the amount of traffic over an entire grid.

Formula Determine maximum LMP divergence for each LMP clearing time for each LMP market, report over specified time periods (yearly, monthly, etc).

Time Horizon

Metric Start Time or Baseline

Data Collection Interval and Roll Up

Ease of Collection Data is currently collected by the RTOS with organized markets

Aggregation

Linkage to NERC Standard

Linkage to Data Source

Need for Validation or Pilot

Data Submitting Entity

SMART Rating Total Score Specific/Simple Measurable Attainable Relevant Tangible/Timely

Reporting

Style (look and feel): Line or bar charts

Publications and Documentation

