

ALR 6-3 Energy Emergency Alert 2

Metric Number	ALR 6-3
Submittal Date	February 27, 2009
Sponsor Group (OC, PC or subgroup name)	RMWG
Short Title	Energy Emergency Alert 2 or EEA 2
Metric Description	Number of EEA 2, alert called on a quarterly basis
Purpose	To gauge the number of events BAs declare for deficient capacity and/or energy during peak load periods which indicate a shortfall in the adequacy of the electric supply system
How will it be suited to indicate performance?	The number of events, and any trends in reporting, indicates how robust the system is in being able to supply the aggregate load requirements. Quarterly reporting should coincide with seasonal quarters, i.e. Dec-Feb, Mar-May, Jun-Aug, and Sep-Nov. As historical data is gathered, trends in future reports will provide an indication of either decreasing or increasing adequacy in the electric supply system. This metric will also provide some benefit in developing a correlation between EEA events and reserve margins for future planning recommendations. There are no economic factors included in this metric.
Formula	Number of events = sum of each individual EEA 2 events called by the BA's
Time Horizon	Historical perspective
Metric Start Time or Baseline	Year 2002
Data Collection Interval and Roll Up	Data collection should be on a seasonal basis and reported for each summer and winter peak period.
Ease of Collection	Data is easily collected by the BAs and/or RE's
Aggregation	Could be by Interconnection, Regional Entity, or Balancing Authority
Linkage to NERC Standard	EOP-002
Linkage to Data Source	Regional Entity data collection and audits
Need for Validation or Pilot	No, data collection currently underway
Data Submitting Entity	

SMART Rating	Total Score	Specific/Simple	Measurable	Attainable	Relevant	Tangible/Timely
	15	3	3	3	3	3

Reporting

Style (look and feel)	Bar charts
Publications/ Documentation (e.g., section of LTRA)	Short-term issue, may be more appropriate in a monthly or quarterly performance report