

ALR 6-2 Energy Emergency Alert 3

Metric Number	ALR 6-2
Submittal Date	February 27, 2009
Sponsor Group (OC, PC or subgroup name)	RMWG
Short Title	Energy Emergency Alert 3 or EEA 3
Metric Description	Number of EEA 3, alert called on a quarterly basis
Purpose	Measure the number of times EEA 3 are issued resulting in firm load interruption due to capacity and energy deficiency
How will it be suited to indicate performance?	The frequency of EEA 3s over a period of times provides an indication of performance measured at a BA level or Interconnection level. 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	EEA 3 results in a count
Time Horizon	Historical and current year perspective
Metric Start Time or Baseline	2002, or whenever data first became available
Data Collection Interval and Roll Up	EEA 3 is known as soon as they occur. Data collection should be reported on a quarterly basis. EEA 3 is defined in NERC Standard EOP-002-2.
Ease of Collection	EEA 3 is currently reported to NERC and data base is maintained. EEA 3 is defined in NERC Standard EOP-002-2
Aggregation	Balancing Authority, Regional Entity, and Interconnection
Linkage to NERC Standard	NERC Standard EOP-002-2
Linkage to Data Source	NERC data base
Need for Validation or Pilot	Yes, need to validate consistency of counting and reporting and develop trends for each entity.
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