

## ALR 6-2 Energy Emergency Alert 3

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

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

### Reporting

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