

ALR 1-3 Planning Reserve Margin

Metric Number	ALR1-3
Submittal Date	February 27, 2009
Sponsor Group (OC, PC or subgroup name)	RMWG
Short Title	Planning Reserve Margin
Metric Description	Percentage of additional capacity over load
Purpose	To gauge the amount of generation capacity available to meet expected demand
How will it be suited to indicate performance?	The percentage provides an indication of the additional capacity available to meet unforeseen increases in demand, unforeseen outages of existing capacity, and trends which will identify whether capacity additions are keeping up with load growth. Caution should be noted in all reports that this is a capacity based metric and may not provide an accurate assessment of performance in energy limited systems, e.g., hydro capacity with limited water resources.
Formula	Reserve Margin (%) = (Capacity – Load)/Load X 100
Time Horizon	Planning horizon
Metric Start Time or Baseline	Year 2002
Data Collection Interval and Roll Up	Data collection should be on an annual and seasonal basis with reporting for each quarter
Ease of Collection	Data is easily collected and reported on a regional basis now.
Aggregation	Could be on an Interconnection, Regional Entity, or BA level.
Linkage to NERC Standard	
Linkage to Data Source	Data reported now in LTRA and seasonal assessments
Need for Validation or Pilot	No
Data Submitting Entity	Regional Entities

SMART Rating	Total Score 13	Specific/ Simple 2	Measurable 3	Attainable 3	Relevant 2	Tangible/ Timely 3
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Reporting

Style (look and feel)	Line or bar charts
Publications and Documentation (e.g., section of LTRA)	Report metric trends and analysis can be included in both the seasonal and long-term reliability assessments