

ALR2-3 Activation of Under Frequency Load Shedding

Metric Number	ALR2-3					
Submittal Date	May 8, 2009					
Sponsor Group (OC, PC or subgroup name)	RMWG					
Short Title	UFLS Activation					
Metric Description	Number of activation of UFLS by each region and total MW of load interruption by each region and NERC wide.					
Purpose	The purpose of the Under Frequency Load Shedding (UFLS) is mitigation for when the System does not perform in an acceptable manner after a credible Contingency.					
How will it be suited to indicate performance?	By utilizing a known standard and the value of success, the industry can focus on technically based and practical application based perspective on both reliability metric and operational planning.					
Formula	Number of activation of UFLS by each region and total MW of load interruption by each region and NERC wide.					
Metric Start Time or Baseline	Start with pilot data for last 10 year (1999 – 2009)					
Time Horizon	Operations					
Data Collection Interval and Roll Up	Yearly					
Ease of Collection	Data is available in Regional Entities per PRC-006.					
Aggregation	At regional level					
Linkage to NERC Standard	PRC-006					
Linkage to Data Source	UFLS database at each region					
Need for Validation or Pilot	Data pilot and validation are required.					
Data Submitting Entity	Regional Entities					
SMART Rating	Total Score	Specific/Simple	Measurable	Attainable	Relevant	Tangible/Timely
	10	3	2	1	2	2
Reporting						
Style (look and feel)	Line or bar chart					
Publications and Documentation	RMWG annual report and Reliability Indicators webpage					