

NERC-SGS Study Cross Reference

12 of the 16 NERC Lines Metrics are Included in the SGS Study

Description	NERC LINES	Included SGS Study
Element Total Automatic Outage Frequency	TOF	✓
Element Sustained Outage Frequency	SOF	✓
Element Momentary Outage Frequency	MOF	✓
Element Sustained Outage Duration Time	SODT	✓
Element Sustained Outage Mean Time to Repair	MTTR	✓
Mean Time Between Sustained Element Outages (Mean "Up Time")	MTBF	✓
Median Time to Repair Sustained Element Outage Failures	MdTTR	✓
Element Availability Percentage	APC	✓
Percentage of Elements with Zero Automatic Outages	PCZO	✓
Percent of Element Automatic Outages associated with Disturbance Report (either OE-417 or EOP-004)	PCDR	n/a
Circuit Total Outage Frequency, Mileage Adjusted	TCOF _{100CTmi}	✓
Circuit Sustained Outage Frequency, Mileage Adjusted	SCOF _{100CTmi}	✓
Circuit Momentary Outage Frequency, Mileage Adjusted	MCOF _{100CTmi}	✓
Multi Circuit Total Outage Frequency, Mileage Adjusted	TMCOF _{100STmi}	n/a
Multi-Circuit Sustained Outage Frequency, Mileage Adjusted	SMCOF _{100STmi}	n/a
Multi-Circuit Momentary Outage Frequency, Mileage Adjusted	MMCOF _{100STmi}	n/a

Transformer, Multi-Circuit and Disturbance Report data are not submitted to SGS and these Metrics are not included in the SGS Study