

Synchronized Measurement Working Group Update

Tim Fritch, SMWG Chair Frankie Zhang, SMWG Vice-Chair NASPI Meeting 4-14-2022















Oscillation Report Template

- Provides mechanism for awareness on current oscillation modes and who they may impact
- Reviewed by RTOS (RC operators) for feedback
- Currently working on publishing to NERC SMWG webpage
- White Paper: Oscillation Analysis for Monitoring and Mitigation
 - Recommendations on how to develop thresholds for alarming
 - Methods to determine and validate mitigation actions for local and system issues
 - Approved at December RSTC meeting

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1.	Oscillation Type: Fundamental characteristic of oscillation.
	(Please choose one): Choose an item.
	(Click or tap "Choose an item" to activate drop down box)
2.	Duration : The time-period for the reported oscillations.
	Start: Click or tap here to enter text.
	Stop: Click or tap here to enter text.
	Duration (UTC Only): Click or tap here to enter text.
3.	Repeated: A one-time phenomenon or observed several times.
	Yes: ☐ No: ☐
	a. If Yes: How often? Choose an item.
	(Click or tap "Choose an item" to activate drop down box)
	b. If Conditional, please specify: Click or tap here to enter text.
4.	Oscillation Frequency: List dominant fundamental and harmonic (if any) frequency component(s)
	in observable PMU waveforms during oscillation.
5.	Magnitude: Overall maximum pk-pk amplitude in observable PMU active power, reactive power and voltage magnitude during oscillation.
6.	Oscillation frequency close to known mode(s): Whether a fundamental or harmonic frequency is close to a known system mode to excite potential resonance conditions.
	Yes: □ No: □
	a. If Yes: Name the excited mode
	Interconnection: Choose an item. Mode: Choose an item.
	(Click or tap "Choose an item" to activate drop down box)
	b. If "Other" please list here (include interconnection): Click or tap here to enter text.
7.	Damping Ratio of Excited System Mode: Click or tap here to enter text.
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- April 28-29 SMWG Meeting (Virtual)
 - Task Updates and Review
 - Oscillation Report
 - Future Task Discussion (CIP, Registry, etc.)
 - NASPI IBR Resource Monitoring & Analysis Workshop
 - ESAMS
 - Equipment Failure
 - Updates on Realtime Oscillation Events
 - SMWG Future Work Plan







