



NERC Lessons Learned

Reliability Subcommittee
October 28, 2021

Purpose & Key Takeaways

Purpose: Request topics & schedule for proposed Lessons Learned for 2022



Key Takeaways:

- Potential Lessons Learned Topics
- 2022 Schedule

Potential Topics

Lessons Learned	Category	Date
Loss of Monitoring or Control Capability due to a Software Version Mismatch	Communications	08/06/21
Multiple Faults in Rapid Succession Contribute to Relay Misoperations Leading to Loss of Load	Relaying and Protection Systems	08/06/21
Insulator Flashovers Due to Combination of Salt Spray Deposits Followed by Light Rainfall Initiating Loss of Load	Transmission Facilities	08/06/21
Interconnection Oscillation Disturbances	Generation Facilities, Bulk-Power System Operations	05/04/21
Controlled Islanding due to Wildfire Event	Generation Facilities, Transmission Facilities, Bulk-Power System Operations	04/13/21
Catastrophic Failure of 345 kV Oil Filled Metering Current Transformer in a Transmission Substation	Transmission Facilities	03/29/21
Battery Energy Storage System Cascading Thermal Runaway	Transmission Facilities	03/29/21
Transient Induced Misoperation: Approach II (Loss of Protection during Severe Lightning Event)	Relaying and Protection Systems	02/25/21
Transient Induced Misoperation: Approach I (Control Circuit Transient Misoperation of Microprocessor Relay)	Relaying and Protection Systems	02/25/21
Root Cause Analysis Tools - Barrier Analysis	General Processes	02/10/21
Root Cause Analysis Tools - Change Analysis	General Processes	02/10/21

Proposed Schedule - 2022

Q#	RSC	TOPIC
Q1	March	Seeking Ideas & Presenters
Q2	May	Seeking Ideas & Presenters
Q3	July	Seeking Ideas & Presenters
Q4	October	Seeking Ideas & Presenters

For topic suggestions, or if you would like to be a presenter, please contact:

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Questions

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