



Appendix 10

to

Solar BOT Scope Book

Rev. 1

June 6, 2024

REVISION RECORD			
Revision No.	Approval Date	Section / Page Revised	Reason / Description of Change
0	9/14/2023	All	Initial Issue
1	6/6/24	PRC-023-4	Added "or evidence of compliance"

10: NERC REQUIREMENTS - EFFECTIVE DATE¹

NERC Standard	Title	Deliverable	Due Date
CIP-002-5.1a	Cyber Security - BES Cyber System Categorization	1) Provide real MW power capability of generator 2) Provide MVAR nameplate rating capability of generator	At FNTF
CIP-003-8	Cyber Security — Security Management Controls	1) Provide Physical Security Controls 2) Provide Electronic Access Controls 3) Provide Transient Cyber Assets and Removeable Media if required	60 Days Prior to Substantial Completion
COM-001-3	Communications	Documentation showing the interpersonal communications channels (phones, backup systems) exist and are functioning.	30 Days Prior to Substantial Completion
FAC-002-2	Facility Interconnection Studies	Evidence of the coordination/communication with the TO as part of GIA development	120 Days Prior to Substantial Completion
FAC-008-5	Facility Ratings	Facility Rating Report with supporting documentation supporting each equipment rating	150 Days Prior to Substantial Completion
MOD-032-1	Data for Power System Modeling and Analysis	Evidence that all required data has been provided.	30 days prior to Substantial Completion Final updates (if required) within 90 days of Post Substantial Completion
PRC-002-2	Disturbance Monitoring and Reporting Requirements	Provide the required Dynamic Disturbance Recording equipment if required by the Generator Interconnection Agreement	60 Days Prior to Substantial Completion
PRC-005-6	Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance	1) List of equipment that must be in the PSMP plan. Must include all facility equipment generation and substation. (Entergy uses a PRC-005 Component list). 2) Test reports or documentation that all listed equipment has been tested.	List of equipment and test documentation: 90 days prior to Substantial Completion
PRC-006-5 PRC-006-PRC-006-SERC-3	Automatic Underfrequency Load Shedding	Attestation that no UFLS is included in facility design OR Specific documentation for under frequency/over frequency of protection and control devices included in the facility (including the control systems).	90 Days Prior to Substantial Completion

¹ NTD: Items to be updated and current as of the Effective Date of the Agreement and as required thereafter pursuant to Sections 5 and 8.4 of the Scope Book.

NERC Standard	Title	Deliverable	Due Date
PRC-012-2	Remedial Action Schemes	Attestation that no RAS is included in facility design. OR Specific documentation for remedial action scheme settings of protection and control devices included in the facility (including the control systems).	30 Days prior to Substantial Completion
PRC-017-1	Remedial Action Scheme Maintenance and Testing	Attestation that no RAS is included in facility design. OR Specific documentation for remedial action scheme settings of protection and control devices included in the facility (including the control systems).	30 Days prior to Substantial Completion
PRC-019-2	Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection	Relay setting documentation and a specific report showing that all limiters operate before protection and control devices including the control systems and the protective system limits damage to equipment.	90 Days Prior to Substantial Completion
PRC-023-4	Transmission Relay Loadability	Attestation that PRC-023-4 does not apply or evidence of compliance	90 Days Prior to Substantial Completion
PRC-024-2	Generator Frequency and Voltage Protective Relay Settings	Relay setting documentation and a specific report showing the frequency and voltage responsive relays and control function device comply with the setting requirements of PRC-024 by not tripping in the "No-Trip" zone.	90 Days Prior to Substantial Completion
PRC-025-2	Generator Relay Loadability	Relay setting documentation and a specific report showing the load responsive relays comply with the setting requirements of PRC-025.	90 Days Prior to Substantial Completion
PRC-026-1	Relay Performance During Stable Power Swings	Relay Setting Documentation and analysis showing the load responsive relays will not trip during power swings.	90 Days Prior to Substantial Completion
PRC-027-1	Coordination of Protection Systems for Performance During Faults	Complete package of relays setting documents including analysis to support review by Entergy Transmission. Documentation should include varication of electrical coordination for expected fault currents.	Should be provided before equipment is energized.
VAR-002-4.1	Generator Operation for Maintaining Network Voltage Schedules	1) Report showing facility design must include alarms for AVC mode off, PSS off, and out of voltage schedule. 2) Report showing pop-up notification in the HMI telling the operator that changing the AVR/controller from AVR to any other mode (PF, VAR control) MUST have documented/written approval from the TCC before changing modes.	60 Days Prior to Substantial Completion

*** END OF APPENDIX 10 ***