

# DRAFT

## Bonneville Power Administration

### NERC Reliability Standards

#### Communications Processes and Protocols

#### Manual

*The purpose of this manual is to clarify the details of how communications and other coordination would occur between BPA and customers to comply with their respective applicable requirements*

Link to complete list of standards/requirements included in this manual, sortable by functional model applicability. [INSERT LINK]

Ref	Standard	Title
BPACM_01	BAL-005-0	Automatic Generation Control
BPACM_02	CIP-001-1	Sabotage Reporting
BPACM_03	EOP-002 (included as a courtesy - applicability referenced in requirement text only)	Capacity and Energy Emergencies
BPACM_04	EOP-004-2	Disturbance Reporting
BPACM_05	FAC-001-0	Facility Connection Requirements
BPACM_06	FAC-002-0	Coordination of Plans for New Facilities
BPACM_07	FAC-008-1	Facility Ratings Methodology
BPACM_08	FAC-009-1	Establish and Communicate Facility Ratings
BPACM_09	INT-001-2 (included as a courtesy - applicability referenced in requirement text only)	Interchange Information
BPACM_10	INT-004-1	Dynamic Interchange Transaction Modifications
BPACM_11	IRO-001-1	Reliability Coordination - Responsibilities and Authorities
BPACM_12	IRO-004-1	Reliability Coordination — Operations Planning
BPACM_13	IRO-005-2	Reliability Coordination — Current Day Operations
BPACM_14	MOD-010-0	Steady-State Data for Modeling and Simulation of the Interconnected Transmission System
BPACM_15	MOD-012-0	Dynamics Data for Modeling and Simulation of the Interconnected Transmission System.
BPACM_16	MOD-017-0	Aggregated Actual and Forecast Demands and Net Energy for Load
BPACM_17	MOD-018-0	Treatment of Nonmember Demand Data and How Uncertainties are Addressed in the Forecasts of Demand and Net Energy for Load
BPACM_18	MOD-019-0	Reporting of Interruptible Demands and Direct Control Load Management
BPACM_19	MOD-020-0	Providing Interruptible Demands and Direct Control Load Management Data to System Operators and Reliability Coordinators

<b>Ref</b>	<b>Standard</b>	<b>Title</b>
BPACM_20	MOD-021-0	Documentation of the Accounting Methodology for the Effects of Controllable Demand-Side Management in Demand and Energy Forecasts.
BPACM_21	PRC-004-1	Analysis and Mitigation of Transmission and Generation Protection System Misoperations
BPACM_22	PRC-005-1	Transmission and Generation Protection System Maintenance and Testing
BPACM_23	PRC-007-0	Assuring Consistency of Entity Underfrequency Load Shedding Programs with Regional Reliability Organization's Underfrequency Load Shedding
BPACM_24	PRC-008-0	Implementation and Documentation of Underfrequency Load Shedding Equipment Maintenance Program
BPACM_25	PRC-009-0	Analysis and Documentation of Underfrequency Load Shedding Performance Following an Underfrequency Event
BPACM_26	PRC-010-0	Technical Assessment of the Design and Effectiveness of Undervoltage Load Shedding Program.
BPACM_27	PRC-011-0	Undervoltage Load Shedding System Maintenance and Testing
BPACM_28	PRC-015-0	Special Protection System Data and Documentation
BPACM_29	PRC-016-0	Special Protection System Misoperations
BPACM_30	PRC-017-0	Special Protection System Maintenance and Testing
BPACM_31	PRC-018-0	Disturbance Monitoring Equipment Installation and Data Reporting
BPACM_32	PRC-21-0	Under-Voltage Load Shedding Program Data
BPACM_33	PRC-022-1	Under-Voltage Load Shedding Program Performance
BPACM_34	TOP-001-1	Reliability Responsibilities and Authorities
BPACM_35	TOP-002-2	Normal Operations Planning
BPACM_36	TOP-005-1	Operational Reliability Information
BPACM_37	VAR-001-1	Voltage and Reactive Control