



COM-001-3 Standard Discussion

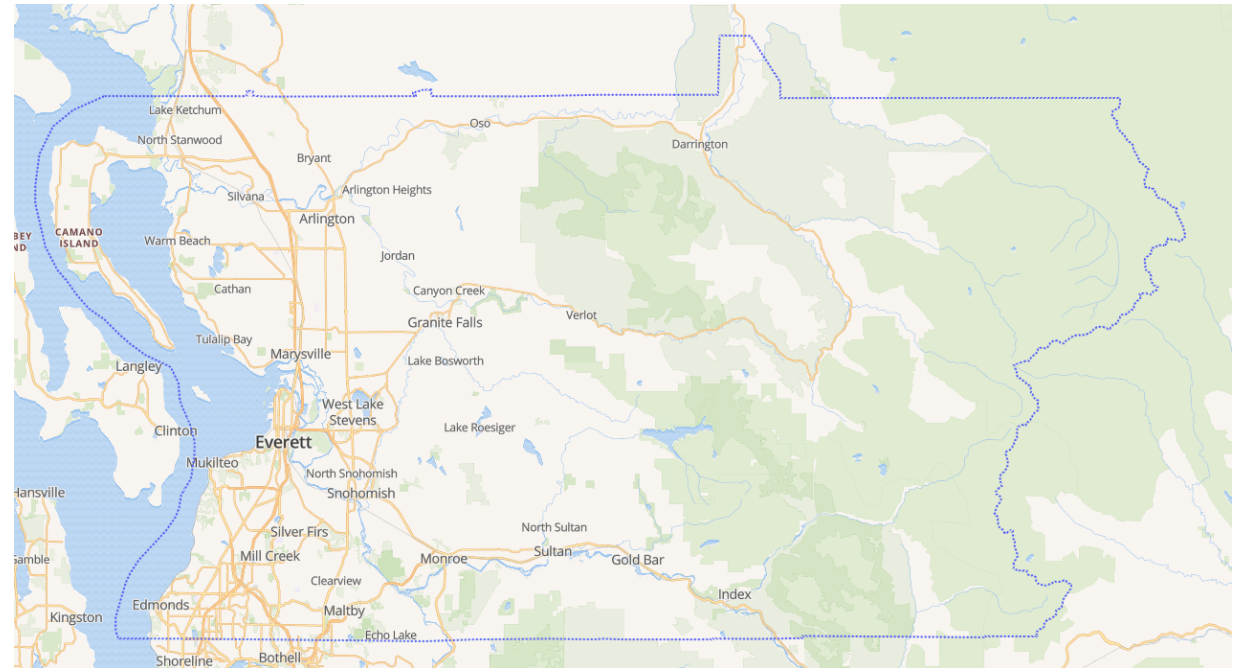
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SNPD Brief Overview

About SNPD

- The second largest publicly owned utility in the Pacific Northwest and the 12th largest in the nation in terms of customers served
- Electricity
 - Service area: 2,200 square miles
 - Electric line miles: 6,697
 - Number of customers: 377,269
- Water
 - Service area: about 196 square miles
 - Number of customers: 23,475



SNPD Power Resources

Power Resources	Percentage
Bonneville Power Administration	73.0%
PUD Hydro	5.2%
Wind	5.8%
Market Purchases	15.7%
Other Renewables (biogas, co-generation)	0.3%
Total	100%

SNPD Functional Registration

- Distribution Provider (DP)
- Generator Owner (GO)
- Generator Operator (GOP)
- Transmission Owner (TO)
- Transmission Operator (TOP)
- Transmission Planner (TP)

COM-001-3 Standard Overview

COM-001-3 Standard—External Comm.

- See next page

Requirement	Responsible Entity	Capability	Measure	Communication with the Following Entities
R1	Reliability Coordinator	Interpersonal Communication	1.1	All Transmission Operators and Balancing Authorities within its Reliability Coordinator Area
			1.2	Each adjacent Reliability Coordinator within the same Interconnection
R2	Reliability Coordinator	Alternative Interpersonal Communication	2.1	All Transmission Operators and Balancing Authorities within its Reliability Coordinator Area
			2.2	Each adjacent Reliability Coordinator within the same Interconnection
R3	Transmission Operator	Interpersonal Communication	3.1	Its Reliability Coordinator
			3.2	Each Balancing Authority within its Transmission Operator Area
			3.3	Each Distribution Provider within its Transmission Operator Area
			3.4	Each Generator Operator within its Transmission Operator Area
			3.5	Each adjacent Transmission Operator synchronously connected
			3.6	Each adjacent Transmission Operator asynchronously connected
R4	Transmission Operator	Alternative Interpersonal Communication	4.1	Its Reliability Coordinator
			4.2	Each Balancing Authority within its Transmission Operator Area
			4.3	Each adjacent Transmission Operator synchronously connected
			4.4	Each adjacent Transmission Operator asynchronously connected
R5	Balancing Authority	Interpersonal Communication	5.1	Its Reliability Coordinator
			5.2	Each Transmission Operator within its Balancing Authority Area
			5.3	Each Distribution Provider within its Balancing Authority Area
			5.4	Each Generator Operator within its Balancing Authority Area
			5.5	Each Adjacent Balancing Authority
R6	Balancing Authority	Alternative Interpersonal Communication	6.1	Its Reliability Coordinator
			6.2	Each Transmission Operator within its Balancing Authority Area
			6.3	Each Adjacent Balancing Authority
R7	Distribution Provider	Interpersonal Communication	7.1	Its Balancing Authority
			7.2	Its Transmission Operator
R8	Generator Operator	Interpersonal Communication	8.1	Its Transmission Operator
			8.2	Its Transmission Operator

COM-001-3 Standard—Internal Comm.

Requirement	Responsible Entity	Capability	Communication with the Following Entities
R12	Reliability Coordinator, Transmission Operator, Generator Operator, Balancing Authority	Internal Interpersonal Communication	Between Control Centers, and/or between a Control Center and field personnel
R13	Distribution Provider	Internal Interpersonal Communication	Between Control Centers, and/or between a Control Center and field personnel

COM-001-3 Standard—Test & Failure Response

Requirement	Responsible Entity	About	Required Action
R9	Reliability Coordinator, Transmission Operator, Balancing Authority	Alternative Interpersonal Communication	Test at least once each calendar month; if unsuccessful, initiate action to repair or designate a replacement Alternative within 2 hours
R10	Reliability Coordinator, Transmission Operator, Balancing Authority	Interpersonal Communication	Notify affected entities within 60 minutes of detection of a failure that lasts 30 minutes or longer
R11	Distribution Provider, Generator Operator	Interpersonal Communication	Consult each entity affected by the failure to determine a mutually agreeable action for the restoration

COM-001-3 Discussion

Communication Capability Designation

- Communication methods
 - Landline phones
 - Cell phones
 - Satellite phones
 - Email
 - Grid messaging system
 - Land mobile radio
- Questions:
 - Which methods are designated as your Interpersonal Communication capability?
 - Which methods are designated as your Alternative Communication capability?
 - Do you designate more than one method as *Alternative*?
 - Do you include email and Grid Messaging System as Interpersonal and/or Alternative Interpersonal Communication capabilities?
 - Do you classify the methods into three groups: Primary, Secondary and Tertiary?
 - Do we need to notify and consult with other entities if one of several Interpersonal Communication capabilities fail?

Internal Control

- Discussion points
 - Failure detection
 - Failure correction
 - Record retention
 - Dated and time-stamped test records
 - Operator logs
 - Voice recording
 - Transcripts of voice recording
 - Electronic communications
 - Failure prevention

Document Ownership and Update

- Which group is responsible for this Standard?
- Who wrote your internal documentation to comply with this Standard?
- Who is responsible to update this document?
- How often do you review this document?
- How often do you update this document?
- Who approves the update?

Anything else?

