

Area Name	Category	Name	kV Class
APS	P6	Double Palo Verde	
NORTHWEST	P1.1/P1.2(GENTIE)	Thornton-Palouse Wind 230 kV	230
NORTHWEST	P1.1/P1.3(GSU)	Cabinet Gorge GSU (12) 230/13.8 kV	230
NORTHWEST	P1.1/P1.3(GSU)	Cabinet Gorge GSU (34) 230/13.8 kV	230
NORTHWEST	P1.1/P1.3(GSU)	Noxon #1 230/13.8 kV	230
NORTHWEST	P1.1/P1.3(GSU)	Noxon #2 230/13.8 kV	230
NORTHWEST	P1.2	Beacon-Bell #4 230 kV	230
NORTHWEST	P1.2	Beacon-Bell #5 230 kV	230
NORTHWEST	P1.2	Beacon-Boulder 230 kV	230
NORTHWEST	P1.2	Beacon-Rathdrum 230 kV	230
NORTHWEST	P1.2	Bell-Westside 230 kV	230
NORTHWEST	P1.2	Benewah-Boulder 230 kV	230
NORTHWEST	P1.2	Benewah-Moscow 230 kV	230
NORTHWEST	P1.2	Benewah-Pine Creek 230 kV	230
NORTHWEST	P1.2	Benewah-Thornton 230 kV	230
NORTHWEST	P1.2	Boulder-Lancaster 230 kV	230
NORTHWEST	P1.2	Cabinet-Noxon 230 kV	230
NORTHWEST	P1.2	Cabinet-Rathdrum 230 kV	230
NORTHWEST	P1.2	Coulee-Westside 230 kV	230
NORTHWEST	P1.2	Dry Creek-Lolo 230 kV	230
NORTHWEST	P1.2	Dry Creek-North Lewiston 230 kV	230
NORTHWEST	P1.2	Dry Creek-Talbot 230 kV	230
NORTHWEST	P1.2	Hatwai-Lolo 230 kV	230
NORTHWEST	P1.2	Hatwai-Moscow 230 kV	230
NORTHWEST	P1.2	Hatwai-North Lewiston 230 kV	230
NORTHWEST	P1.2	Hot Springs-Noxon #1 230 kV	230
NORTHWEST	P1.2	Hot Springs-Noxon #2 230 kV	230
NORTHWEST	P1.2	Lancaster-Noxon 230 kV	230
NORTHWEST	P1.2	Lancaster-Rathdrum 230 kV	230
NORTHWEST	P1.2	Libby-Noxon 230 kV	230
NORTHWEST	P1.2	North Lewiston-Shawnee 230 kV	230
NORTHWEST	P1.2	Noxon-Noxon Reactor 230 kV	230
NORTHWEST	P1.2	Noxon-Pine Creek 230 kV	230
NORTHWEST	P1.2	Shawnee-Thornton 230 kV	230
NORTHWEST	P1.2	Walla Walla-Saddle Mountain 230 kV	230
	P1.2	Wanapum-Saddle Mountain 230 kV	230
NORTHWEST	P1.2	Latah Junction-Moscow 115 kV (LAT-GAR)	115
NORTHWEST	P1.2	Latah Junction-Moscow 115 kV (M23-GAR)	115
NORTHWEST	P1.2	Moscow-Orofino 115 kV	115
NORTHWEST	P1.2	Moscow-South Pullman 115 kV (M23-SPU)	115
NORTHWEST	P1.2	Moscow-Terre View 115 kV (M23-NMO)	115
NORTHWEST	P1.2	Moscow-Terre View 115 kV (TVW-NMO)	115
NORTHWEST	P1.3	Beacon #1 230/115 kV	230
NORTHWEST	P1.3	Beacon #2 230/115 kV	230
NORTHWEST	P1.3	Benewah 230/115 kV	230
NORTHWEST	P1.3	Boulder #1 230/115 kV	230

NORTHWEST	P1.3	Boulder #2 230/115 kV	230
NORTHWEST	P1.3	Cabinet Gorge 230/115 kV	230
NORTHWEST	P1.3	Dry Creek 230/115 kV	230
NORTHWEST	P1.3	Lolo #1 230/115 kV	230
NORTHWEST	P1.3	Lolo #2 230/115 kV	230
NORTHWEST	P1.3	Moscow 230/115 kV	230
NORTHWEST	P1.3	North Lewiston 230/115 kV	230
NORTHWEST	P1.3	Pine Creek #1 230/115 kV	230
NORTHWEST	P1.3	Pine Creek #2 230/115 kV	230
NORTHWEST	P1.3	Rathdrum #1 230/115 kV	230
NORTHWEST	P1.3	Rathdrum #2 230/115 kV	230
	P1.3	Saddle Mountain 230/115 kV	230
NORTHWEST	P1.3	Shawnee 230/115 kV	230
NORTHWEST	P1.3	Westside #1 230/115 kV	230
NORTHWEST	P1.3	Westside #2 230/115 kV	230
NORTHWEST	P1.4	Benewah 230 kV Switched Shunt	230
NORTHWEST	P1.4	Dry Creek 230 kV Switched Shunt	230
NORTHWEST	P1.4	North Lewiston 230 kV Switched Shunt	230
NORTHWEST	P1.4	Noxon 230 kV Switched Shunt	230
NORTHWEST	P2.2	Beacon North Bus Section 230 kV	230
NORTHWEST	P2.2	Beacon South Bus Section 230 kV	230
NORTHWEST	P2.2	Hatwai 230 kV	230
NORTHWEST	P2.2	Noxon East Bus Section 230 kV	230
NORTHWEST	P2.2	Noxon West Bus Section 230 kV	230
NORTHWEST	P2.4	R318 Noxon 230 kV, Section E-W	230
NORTHWEST	P2.4	R427 Beacon 230 kV, Section N-S	230
NORTHWEST	P2.4	A600 Beacon 115 kV, Section N-S	115
NORTHWEST	P1.1/P1.2(GENTIE)	Calpine-McNary #1 500 kV	500
NORTHWEST	P1.1/P1.2(GENTIE)	Chief Joseph-PH5 500 kV	500
NORTHWEST	P1.1/P1.2(GENTIE)	Chief Joseph-PH6 500 kV	500
NORTHWEST	P1.1/P1.2(GENTIE)	Columbia Generating Station-Ashe #1 500 kV	500
NORTHWEST	P1.1/P1.2(GENTIE)	Grand Coulee-PH19 500 kV	500
NORTHWEST	P1.1/P1.2(GENTIE)	Grand Coulee-PH20 500 kV	500
NORTHWEST	P1.1/P1.2(GENTIE)	Grand Coulee-PH21 500 kV	500
NORTHWEST	P1.1/P1.2(GENTIE)	Grand Coulee-PH22 500 kV	500
NORTHWEST	P1.1/P1.2(GENTIE)	Grand Coulee-PH23 500 kV	500
NORTHWEST	P1.1/P1.2(GENTIE)	Grand Coulee-PH24 500 kV	500
NORTHWEST	P1.1/P1.2(GENTIE)	Hatwai-Dworshak 500 kV	500
NORTHWEST	P1.2	3TM Echo Lake-Monroe #1 (with Sno-King)	500
NORTHWEST	P1.2	3TM Lower Monumental-McNary #1 (with	500
NORTHWEST	P1.2	Ashe-Hanford #1 500 kV	500
NORTHWEST	P1.2	Ashe-Marion #2 500 kV	500
NORTHWEST	P1.2	Ashe-Slatt #1 500 kV	500
NORTHWEST	P1.2	Big Eddy-Knight #1 500 kV	500
NORTHWEST	P1.2	Big Eddy-Ostrander #1 500 kV	500
MONTANA, NORTH	P1.2	Broadview-Garrison #1 500 kV	500
MONTANA, NORTH	P1.2	Broadview-Garrison #2 500 kV	500

NORTHWEST	P1.2	Buckley-Grizzly #1 500 kV	500
NORTHWEST	P1.2	Buckley-Marion #1 500 kV	500
NORTHWEST	P1.2	Central Ferry-Lower Granite #2 500 kV	500
NORTHWEST	P1.2	Central Ferry-Lower Monumental #1 500 kV	500
NORTHWEST	P1.2	Chief Joseph-Monroe #1 500 kV	500
NORTHWEST	P1.2	Chief Joseph-Sickler #1 500 kV	500
NORTHWEST	P1.2	Coyote Springs-Slatt #1 500 kV	500
B.C.HYDRO, NORTHWEST	P1.2	Custer-Ingledow #1 500 kV	500
NORTHWEST	P1.2	Dworshak-Taft #1 500 kV	500
NORTHWEST	P1.2	Echo Lake-Maple Valley #1 & #2 500 kV	500
NORTHWEST	P1.2	Garrison-Taft #1 500 kV	500
NORTHWEST	P1.2	Garrison-Taft #2 500 kV	500
NORTHWEST	P1.2	Grand Coulee-Bell #6 500 kV	500
NORTHWEST	P1.2	Grand Coulee-Chief Joseph #3 500 kV	500
NORTHWEST	P1.2	Grand Coulee-Hanford #1 500 kV	500
NORTHWEST	P1.2	Grand Coulee-Schultz #1 500 kV	500
NORTHWEST	P1.2	Grand Coulee-Schultz #2 500 kV	500
NORTHWEST	P1.2	Grizzly-Captain Jack #1 500 kV	500
NORTHWEST	P1.2	Grizzly-Summer Lake #1 500 kV	500
NORTHWEST	P1.2	Hanford-Wautoma #1 500 kV	500
NORTHWEST	P1.2	Hanford-Wautoma #2 500 kV	500
NORTHWEST	P1.2	Hatwai-Dworshak #1 500 kV	500
NORTHWEST	P1.2	John Day-Big Eddy #1 500 kV	500
NORTHWEST	P1.2	John Day-Big Eddy #2 500 kV	500
NORTHWEST	P1.2	John Day-Grizzly #1 500 kV	500
NORTHWEST	P1.2	John Day-Grizzly #2 500 kV	500
NORTHWEST	P1.2	John Day-Marion #1 500 kV	500
NORTHWEST	P1.2	Keeler-Allston #1 500 kV	500
NORTHWEST	P1.2	Knight-Ostrander #1 500 kV	500
NORTHWEST	P1.2	Little Goose-Central Ferry #2 500 kV	500
NORTHWEST	P1.2	Little Goose-Lower Granite #1 500 kV	500
NORTHWEST	P1.2	Lower Granite-Hatwai #1 500 kV	500
NORTHWEST	P1.2	Lower Monumental-Ashe #1 500 kV	500
NORTHWEST	P1.2	Lower Monumental-Hanford #1 500 kV	500
NORTHWEST	P1.2	Lower Monumental-Little Goose #1 500 kV	500
NORTHWEST	P1.2	Lower Monumental-Little Goose #2 500 kV	500
NORTHWEST	P1.2	Marion-Alvey #1 500 kV	500
NORTHWEST	P1.2	Marion-Lane #1 500 kV	500
NORTHWEST	P1.2	Marion-Santiam #1 500 kV and Santiam	500
	P1.2	McNary-Coyote Springs #1 500 kV	500
NORTHWEST	P1.2	McNary-John Day #2 500 kV	500
NORTHWEST	P1.2	Monroe-Custer #1 500 kV	500
NORTHWEST	P1.2	Monroe-Custer #2 500 kV	500
NORTHWEST	P1.2	Napavine-Allston #1 500 kV	500
NORTHWEST	P1.2	Ostrander-Pearl #1 500 kV	500
NORTHWEST	P1.2	Ostrander-Troutdale #1 500 kV	500
NORTHWEST	P1.2	Paul-Allston #2 500 kV	500

NORTHWEST	P1.2	Paul-Napavine #1 500 kV	500
NORTHWEST	P1.2	Paul-Olympia #1 500 kV	500
NORTHWEST	P1.2	Paul-Satsop #1 500 kV	500
NORTHWEST	P1.2	Pearl-Keeler #1 500 kV	500
NORTHWEST	P1.2	Pearl-Marion #1 500 kV	500
NORTHWEST	P1.2	Raver-Echo Lake #1 500 kV	500
NORTHWEST	P1.2	Raver-Paul #1 500 kV	500
NORTHWEST	P1.2	Rock Creek-John Day #1 500 kV	500
NORTHWEST	P1.2	Schultz-Echo Lake #1 500 kV	500
NORTHWEST	P1.2	Schultz-Raver #1 500 kV	500
NORTHWEST	P1.2	Schultz-Raver #3 500 kV	500
NORTHWEST	P1.2	Schultz-Raver #4 500 kV	500
	P1.2	Schultz-Wautoma #1 500 kV	500
NORTHWEST	P1.2	Sickler-Schultz #1 500 kV	500
NORTHWEST	P1.2	Slatt-Buckley #1 500 kV	500
NORTHWEST	P1.2	Slatt-John Day #1 500 kV	500
NORTHWEST	P1.2	Summer Lake-Malin #1 500 kV	500
NORTHWEST	P1.2	Tacoma-Raver #1 & #2 500 kV	500
NORTHWEST	P1.2	Taft-Bell #1 500 kV	500
NORTHWEST	P1.2	Taft-Hot Springs #1 500 kV	500
NORTHWEST	P1.2	Vantage-Hanford #1 500 kV	500
NORTHWEST	P1.2	Vantage-Schultz #1 500 kV	500
NORTHWEST	P1.2	Wautoma-Knight #1 500 kV	500
NORTHWEST	P1.2	Wautoma-Rock Creek #1 500 kV	500
NORTHWEST	P1.2	Chief Joseph-Snohomish #3 345 kV	345
NORTHWEST	P1.2	Chief Joseph-Snohomish #4 345 kV	345
NORTHWEST	P1.2	McNary-Ross #1 345 kV	345
NORTHWEST	P1.2	Rocky Reach-Maple Valley #1 345 kV	345
NORTHWEST	P1.2	Olympia-Grand Coulee #1 287 kV	287
NORTHWEST	P1.3	Allston #1 500/230 kV	500
NORTHWEST	P1.3	Allston #2 500/230 kV	500
NORTHWEST	P1.3	Alvey 500/230 kV	500
NORTHWEST	P1.3	Bell #1 500/230 kV	500
NORTHWEST	P1.3	Big Eddy #2 500/230 kV	500
NORTHWEST	P1.3	Big Eddy #5 500/230 kV	500
NORTHWEST	P1.3	Chief Joseph 500/230 kV	500
NORTHWEST	P1.3	Covington #4 500/230 kV	500
NORTHWEST	P1.3	Covington #5 500/230 kV	500
NORTHWEST	P1.3	Custer #1 500/230 kV	500
NORTHWEST	P1.3	Custer #2 500/230 kV	500
NORTHWEST	P1.3	Grand Coulee 500/230 kV	500
NORTHWEST	P1.3	Hot Springs #1 500/230 kV	500
NORTHWEST	P1.3	Keeler #2 500/230 kV	500
NORTHWEST	P1.3	McNary #1 500/230 kV	500
NORTHWEST	P1.3	McNary #2 500/230 kV	500
NORTHWEST	P1.3	Ostrander #1 500/230 kV	500
NORTHWEST	P1.3	Pearl #1 500/230 kV	500

NORTHWEST	P1.3	Pearl #2 500/230 kV	500
NORTHWEST	P1.3	Ponderosa #1 500/230 kV	500
NORTHWEST	P1.3	Ponderosa #2 500/230 kV	500
NORTHWEST	P1.3	Raver #1 500/230 kV	500
NORTHWEST	P1.3	Sacajawea #1 500/115 kV	500
NORTHWEST	P1.3	Sno-King #4 500/230 kV	500
NORTHWEST	P1.3	Troutdale #8 500/230 kV	500
NORTHWEST	P1.3	Vantage #1 500/230 kV	500
NORTHWEST	P1.3	Vantage #2 500/230 kV	500
NORTHWEST	P1.3	Ross #4 345/230 kV	345
NORTHWEST	P1.4	Ashe #R1 (Reactor) 500 kV	500
NORTHWEST	P1.4	Bell #R1 (Reactor) 500 kV	500
NORTHWEST	P1.4	Central Ferry #C1 (Capacitor) 500 kV	500
NORTHWEST	P1.4	Central Ferry #R1 (Reactor) 500 kV	500
NORTHWEST	P1.4	Echo Lake #C1 (Capacitor) 500 kV	500
NORTHWEST	P1.4	Grand Coulee #R1 (Reactor) 500 kV	500
NORTHWEST	P1.4	Hanford #C1 (Capacitor) 500 kV	500
NORTHWEST	P1.4	Hot Springs #R1 (Reactor) 500 kV	500
NORTHWEST	P1.4	Keeler #C1 (Capacitor) 500 kV	500
NORTHWEST	P1.4	Lower Monumental #R1 (Reactor) 500 kV	500
NORTHWEST	P1.4	Monroe #C4 (Capacitor) 500 kV	500
NORTHWEST	P1.4	Pearl #C1 (Capacitor) 500 kV	500
NORTHWEST	P1.4	Raver #C2 (Capacitor) 500 kV	500
NORTHWEST	P1.4	Schultz #R1 (Reactor) 500 kV	500
NORTHWEST	P1.4	Wautoma #R1 (Reactor) 500 kV	500
NORTHWEST	P2.3	1996 Grand Coulee 500 kV, Grand Coulee F 500	
NORTHWEST	P2.3	2096 Grand Coulee 500 kV, Grand Coulee F 500	
NORTHWEST	P2.3	2196 Grand Coulee 500 kV, Grand Coulee F 500	
NORTHWEST	P2.3	2296 Grand Coulee 500 kV, Grand Coulee F 500	
NORTHWEST	P2.3	2396 Grand Coulee 500 kV, Grand Coulee F 500	
NORTHWEST	P2.3	4012 Marion 500 kV, Marion Shunt R1 500 500	
NORTHWEST	P2.3	4020 Marion 500 kV, Marion R2 & Cap1 50 500	
NORTHWEST	P2.3	4028 Taft 500 kV, Dworshak-Taft 500 kV & 500	
NORTHWEST	P2.3	4095 Hanford 500 kV, Lower Monumental- 500	
NORTHWEST	P2.3	4104 Hanford 500 kV, Ashe-Hanford 500 k\ 500	
NORTHWEST	P2.3	4111 Taft 500 kV, Dworshak-Taft 500 kV & 500	
NORTHWEST	P2.3	4114 Taft 500 kV, Taft-Garrison #1 500 kV } 500	
NORTHWEST	P2.3	4119 Taft 500 kV, Taft-Bell 500 kV & Taft-G 500	
NORTHWEST	P2.3	4122 Taft 500 kV, Taft-Bell 500 kV & Taft-H 500	
NORTHWEST	P2.3	4125 Taft 500 kV, Taft-Garrison #2 500 kV } 500	
NORTHWEST	P2.3	4131 John Day 500 kV, Slatt-John Day #1 5(500	
NORTHWEST	P2.3	4140 John Day 500 kV, John Day PH Line #1 500	
NORTHWEST	P2.3	4148 Taft 500 kV, Taft-Hot Springs 500 kV } 500	
NORTHWEST	P2.3	4167 John Day 500 kV, John Day PH Line #2 500	
NORTHWEST	P2.3	4176 John Day 500 kV, John Day PH Line #4 500	
NORTHWEST	P2.3	4194 John Day 500 kV, Rock Creek-John Da 500	
NORTHWEST	P2.3	4202 Big Eddy 500 kV, John Day-Big Eddy # 500	

NORTHWEST	P2.3	4209 Big Eddy 500 kV, Big Eddy-Knight 500 500
NORTHWEST	P2.3	4220 Raver 500 kV, Raver-Covington #2 50 500
NORTHWEST	P2.3	4231 McNary 500 kV, McNary-Coyote Sprir 500
NORTHWEST	P2.3	4247 Lower Monumental 500 kV, Lower M 500
NORTHWEST	P2.3	4251 Lower Monumental 500 kV, Little Go 500
NORTHWEST	P2.3	4259 Lower Monumental 500 kV, Little Go 500
NORTHWEST	P2.3	4263 Lower Monumental 500 kV, Hanford- 500
NORTHWEST	P2.3	4268 Custer 500 kV, Monroe-Custer #1 50 500
B.C.HYDRO, NORT	P2.3	4272 Custer 500 kV, Monroe-Custer #1 50 500
B.C.HYDRO, NORT	P2.3	4276 Custer 500 kV, Custer-Ingledow #1 5 500
NORTHWEST	P2.3	4280 Pearl 500 kV, Pearl-Keeler #1 500 kV 500
NORTHWEST	P2.3	4290 Lower Monumental 500 kV, Little Go 500
NORTHWEST	P2.3	4293 Raver 500 kV, Schultz-Raver #4 500 k 500
NORTHWEST	P2.3	4296 Raver 500 kV, Schultz-Raver #4 & Rav 500
NORTHWEST	P2.3	4299 Raver 500 kV, Raver-Covington #1 50 500
NORTHWEST	P2.3	4302 Raver 500 kV, Schultz-Raver #3 500 k 500
NORTHWEST	P2.3	4305 Raver 500 kV, Schultz-Raver #3 500 k 500
NORTHWEST	P2.3	4308 Raver 500 kV, Tacoma-Raver #2 500 500
NORTHWEST	P2.3	4311 Raver 500 kV, Tacoma-Raver #2 500 500
NORTHWEST	P2.3	4316 Lower Monumental 500 kV, McNary- 500
NORTHWEST	P2.3	4322/4324/4394 Keeler 500 kV, Keeler-All 500
NORTHWEST	P2.3	4331 Marion 500 kV, Marion Cap #1 500 k 500
NORTHWEST	P2.3	4334 Sickler 500 kV, Chief Joseph-Sickler # 500
NORTHWEST	P2.3	4336 Sickler 500 kV, Sickler-Schultz #1 500 500
NORTHWEST	P2.3	4340 Sickler 500 kV, Sickler TX #1 500/230 500
NORTHWEST	P2.3	4348 Little Goose 500 kV, Little Goose-Low 500
NORTHWEST	P2.3	4350 Little Goose 500 kV, Central Ferry-Litt 500
NORTHWEST	P2.3	4355 Marion 500 kV, Marion-Pearl #1 500 500
NORTHWEST	P2.3	4365 Marion 500 kV, Marion-Lane #1 500 500
NORTHWEST	P2.3	4368 Marion 500 kV, Marion-John Day #1 5 500
NORTHWEST	P2.3	4371 Marion 500 kV, Marion-John Day #1 5 500
NORTHWEST	P2.3	4374 Marion 500 kV, Marion-Alvey #1 500 500
NORTHWEST	P2.3	4377 Marion 500 kV, Ashe-Marion #2 500 500
NORTHWEST	P2.3	4380 Marion 500 kV, Ashe-Marion #2 500 500
NORTHWEST	P2.3	4383 Marion 500 kV, Marion-Santiam #1 5 500
NORTHWEST	P2.3	4386 Marion 500 kV, Marion-Buckley #1 5 500
NORTHWEST	P2.3	4389 Marion 500 kV, Marion-Buckley #1 5 500
MONTANA, NORT	P2.3	4409 Garrison 500 kV, Garrison-Broadview 500
NORTHWEST	P2.3	4415 Garrison 500 kV, Garrison-Taft #1 50 500
MONTANA, NORT	P2.3	4418 Garrison 500 kV, Garrison-Taft #1 & 500
NORTHWEST	P2.3	4463 Garrison 500 kV, Garrison-Taft #2 & 500
B.C.HYDRO, NORT	P2.3	4482 Custer 500 kV, Custer-Ingledow #2 5 500
B.C.HYDRO, NORT	P2.3	4486 Custer 500 kV, Custer-Ingledow #2 5 500
NORTHWEST	P2.3	4494 Custer 500 kV, Monroe-Custer #2 50 500
NORTHWEST	P2.3	4496 Custer 500 kV, Monroe-Custer #2 50 500
NORTHWEST	P2.3	4502 Allston 500 kV, Allston-Napavine #1 5 500
NORTHWEST	P2.3	4516 Monroe 500 kV, Custer-Monroe #1 5 500

NORTHWEST	P2.3	4519 Monroe 500 kV, Custer-Monroe #1 500
NORTHWEST	P2.3	4522 Monroe 500 kV, 3TM Monroe-Echo L 500
NORTHWEST	P2.3	4526 Monroe 500 kV, 3TM Monroe-Echo L 500
NORTHWEST	P2.3	4554 Paul 500 kV, Paul-Olympia #1 500 kV 500
NORTHWEST	P2.3	4588 Chief Joseph 500 kV, Chief Joseph-Sic 500
NORTHWEST	P2.3	4598 Chief Joseph 500 kV, Chief Joe-Monro 500
NORTHWEST	P2.3	4599 Lower Monumental 500 kV, Lower M 500
NORTHWEST	P2.3	4624 Lower Monumental 500 kV, Central F 500
NORTHWEST	P2.3	4626 Little Goose 500 kV, Lower Granite-Li 500
NORTHWEST	P2.3	4630 Little Goose 500 kV, Lower Granite-Li 500
NORTHWEST	P2.3	4632 Little Goose 500 kV, Little Goose-Cen 500
NORTHWEST	P2.3	4652 Dworshak 500 kV, Dworshak-Hatwai 500
NORTHWEST	P2.3	4656 Dworshak 500 kV, Dworshak PH 500 500
NORTHWEST	P2.3	4666 Dworshak 500 kV, Dworshak-Hatwai 500
NORTHWEST	P2.3	4676 Lower Monumental 500 kV, Central F 500
NORTHWEST	P2.3	4684 Monroe 500 kV, Monroe-Custer #2 500
NORTHWEST	P2.3	4690 Allston 500 kV, Paul-Allston #2 500 kV 500
NORTHWEST	P2.3	4700 Hatwai 500 kV, Hatwai-Dworshak #1 500
NORTHWEST	P2.3	4708 Hatwai 500 kV, Hatwai-Dworshak #1 500
NORTHWEST	P2.3	4710 Hatwai 500 kV, Hatwai-Lower Granite 500
NORTHWEST	P2.3	4714 Monroe 500 kV, Chief Joseph-Monro 500
NORTHWEST	P2.3	4728 Chief Joseph 500 kV, Grand Coulee-CI 500
NORTHWEST	P2.3	4770 Lower Granite 500 kV, Hatwai-Lower 500
NORTHWEST	P2.3	4772 Lower Granite 500 kV, Lower Granite 500
NORTHWEST	P2.3	4775 Lower Granite 500 kV, Little Goose-Lc 500
NORTHWEST	P2.3	4776 Lower Granite 500 kV, Hatwai-Lower 500
NORTHWEST	P2.3	4789 Raver 500 kV, Raver-Echo Lake #1 500 500
NORTHWEST	P2.3	4792 Raver 500 kV, Raver-Echo Lake #1 500 500
NORTHWEST	P2.3	4849 Raver 500 kV, Schultz-Raver #1 500 kV 500
NORTHWEST	P2.3	4858 Raver 500 kV, Schultz-Raver #1 500 kV 500
NORTHWEST	P2.3	4870 Big Eddy 500 kV, John Day-Big Eddy # 500
NORTHWEST	P2.3	4876 Raver 500 kV, Raver-Paul #1 500 kV & 500
NORTHWEST	P2.3	4946 Marion 500 kV, Pearl-Marion #1 500 500
NORTHWEST	P2.3	5018 Slatt 500 kV, Ashe-Slatt #1 500 kV & 500
NORTHWEST	P2.3	5043 Slatt 500 kV, Coyote Springs-Slatt #1 500
NORTHWEST	P2.3	5050/5053 Monroe 500 kV, Monroe TX 500 500
NORTHWEST	P2.3	5053 Monroe 500 kV, Monroe TX 500/230 500
NORTHWEST	P2.3	5072 Echo Lake 500 kV, Echo Lake-Maple 500
NORTHWEST	P2.3	5075 Echo Lake 500 kV, Schultz-Echo Lake 500
NORTHWEST	P2.3	5078 Echo Lake 500 kV, Schultz-Echo Lake 500
NORTHWEST	P2.3	5081 Alvey 500 kV, Marion-Alvey #1 500 kV 500
NORTHWEST	P2.3	5084 Alvey 500 kV, Marion-Alvey #1 500 kV 500
NORTHWEST	P2.3	5087 Alvey 500 kV, Alvey-Dixonville #1 500 500
NORTHWEST	P2.3	5111 Echo Lake 500 kV, Monroe-Echo Lake 500
NORTHWEST	P2.3	5114 Echo Lake 500 kV, Raver-Echo Lake #: 500
NORTHWEST	P2.3	5117 Echo Lake 500 kV, Raver-Echo Lake #: 500
NORTHWEST	P2.3	5121 Echo Lake 500 kV, Echo Lake-Maple 500

NORTHWEST	P2.3	5129 Schultz 500 kV, Sickler-Schultz 500 kV 500
NORTHWEST	P2.3	5148 Schultz 500 kV, Grand Coulee-Schultz 500
NORTHWEST	P2.3	5151 Schultz 500 kV, Grand Coulee-Schultz 500
NORTHWEST	P2.3	5154 Schultz 500 kV, Grand Coulee-Schultz 500
NORTHWEST	P2.3	5157 Schultz 500 kV, Grand Coulee-Schultz 500
NORTHWEST	P2.3	5176 Schultz 500 kV, Vantage-Schultz 500 500
NORTHWEST	P2.3	5198 McNary 500 kV, Calpine HPP-McNary 500
NORTHWEST	P2.3	5211 McNary 500 kV, Lower Monumental- 500
NORTHWEST	P2.3	5226/5229/5232 Napavine 500 kV 500
NORTHWEST	P2.3	5250 Wautoma 500 kV, Hanford-Wautoma 500
NORTHWEST	P2.3	5253 Wautoma 500 kV, Hanford-Wautoma 500
NORTHWEST	P2.3	5259 Wautoma 500 kV, Hanford-Wautoma 500
NORTHWEST	P2.3	5262 Wautoma 500 kV, Hanford-Wautoma 500
NORTHWEST	P2.3	5388 Central Ferry 500 kV, Central Ferry TX 500
NORTHWEST	P2.3	5391 Central Ferry 500 kV, Central Ferry TX 500
NORTHWEST	P2.3	5397 Central Ferry 500 kV, Central Ferry-Lc 500
NORTHWEST	P2.3	5400 Central Ferry 500 kV, Central Ferry-Lc 500
NORTHWEST	P2.3	5412 Central Ferry 500 kV, Central Ferry-Lc 500
NORTHWEST	P2.3	5415 Central Ferry 500 kV, Little Goose-Cel 500
NORTHWEST	P2.3	5418 Central Ferry 500 kV, Little Goose-Cel 500
NORTHWEST	P7.1	Ashe-Marion #2 500 kV & Ashe-Slatt #1 500 500
NORTHWEST	P7.1	Ashe-Marion #2 500 kV & Buckley-Marion 500
NORTHWEST	P7.1	Ashe-Marion #2 500 kV & Slatt-Buckley #1 500
NORTHWEST	P7.1	Big Eddy-Knight #1 500 kV & Harvalum-Big 500
NORTHWEST	P7.1	Big Eddy-Knight #1 500 kV & McNary-Ross 500
MONTANA, NORTHWEST	P7.1	Broadview-Garrison #1 500 kV & Broadview 500
NORTHWEST	P7.1	Dworshak-Taft #1 500 kV & Garrison-Taft # 500
MONTANA, NORTHWEST	P7.1	Garrison-Taft #1 500 kV & Garrison-Taft #2 500
NORTHWEST	P7.1	Garrison-Taft #1 500 kV & Taft-Hot Springs 500
NORTHWEST	P7.1	Garrison-Taft #2 500 kV & Taft-Hot Springs 500
NORTHWEST	P7.1	Grand Coulee-Bell #6 500 kV & Creston-Bel 500
NORTHWEST	P7.1	Grand Coulee-Schultz #1 500 kV & Grand C 500
NORTHWEST	P7.1	Paul-Satsop #1 500 kV & Olympia-Satsop # 500
NORTHWEST	P7.1	Raver-Echo Lake #1 500 kV & Schultz-Echo 500
NORTHWEST	P7.1	Schultz-Raver #1 500 kV & Schultz-Echo La 500
NORTHWEST	P7.1	Tacoma-Raver #1 500 kV & Raver-Covingto 500
NORTHWEST	P7.1	Tacoma-Raver #1 500 kV & Tacoma-Coving 500
NORTHWEST	P7.1	Chief Joseph-Snohomish #3 345 kV & Chief 345
NORTHWEST	P7.1	Olympia-Grand Coulee #1 287 kV & Bettas 300
NORTHWEST	P7.1	3TM Allston-Clatsop (with Driscoll Tap) #1 230
NORTHWEST	P7.1	Bell-Boundary #3 230 kV & Addy-Colville #1 230
NORTHWEST	P7.1	Bell-Boundary #3 230 kV & Bell-Addy #1 11 230
NORTHWEST	P7.1	Bell-Boundary #3 230 kV & Colville-Bounda 230
NORTHWEST	P7.1	Bellingham-Custer #1 230 kV & Murray-Cu 230
NORTHWEST	P7.1	Bellingham-Sedro Woolley #1 230 kV & Mu 230
NORTHWEST	P7.1	Big Eddy-Troutdale #1 230 kV & Big Eddy-C 230
NORTHWEST	P7.1	Bonneville PH 2-North Bonneville #3 230 kV 230

NORTHWEST	P7.1	Bothell-Diablo #3 230 kV & Snohomish-Bot 230
NORTHWEST	P7.1	Bothell-Diablo 230 kV & Snohomish-North 230
NORTHWEST	P7.1	Bothell-SnoKing #1 230 kV & Bothell-SnoKing 230
NORTHWEST	P7.1	Boundary-Usk 230 kV & Colville-Boundary 230
NORTHWEST	P7.1	Cabinet Gorge-Rathdrum #1 230 kV & Lancaster 230
NORTHWEST	P7.1	Carlton-Tillamook #1 230 kV & Forest Grove 230
NORTHWEST	P7.1	Chemawa-Salem #1 230 kV & Chemawa-Salem 230
NORTHWEST	P7.1	Chief Joseph-East Omak #1 230 kV & Grand Coulee 230
NORTHWEST	P7.1	Covington-Creston #1 230 kV & Maple Valley 230
NORTHWEST	P7.1	Covington-Duwamish #1 230 kV & Maple Valley 230
NORTHWEST	P7.1	Covington-White River #1 230 kV & Covington 230
NORTHWEST	P7.1	Detroit-Santiam #1 230 kV & Jones Canyon 230
NORTHWEST	P7.1	Duwamish-Creston 230 kV & Maple Valley 230
NORTHWEST	P7.1	Fairview-Rogue #1 230 kV & Fairview-Band 230
NORTHWEST	P7.1	Grand Coulee-Bell #3 230 kV & Grand Coulee 230
NORTHWEST	P7.1	Grand Coulee-Bell #3 230 kV & Westside-B 230
NORTHWEST	P7.1	Grand Coulee-Westside #1 230 kV & Westside 230
NORTHWEST	P7.1	Hungry Horse-Conkelley #1 230 kV & Hungry Horse 230
NORTHWEST	P7.1	Keeler-St Marys #1 230 kV & Rivergate-Kee 230
NORTHWEST	P7.1	Lexington-Longview #2 230 kV & Longview 230
NORTHWEST	P7.1	Libby-Conkelley #1 230 kV & Noxon-Libby # 230
NORTHWEST	P7.1	Libby-Conkelley #1 230 kV OLD Config LBG 230
NORTHWEST	P7.1	Longview-Allston #1 230 kV & Longview-Allston 230
NORTHWEST	P7.1	Longview-Allston #3 230 kV & Longview-Allston 230
NORTHWEST	P7.1	McNary-Franklin 230 kV & McNary-Badger 230
NORTHWEST	P7.1	North Bonneville-Ross #2 230 kV & North Bonneville 230
NORTHWEST	P7.1	North Mountain-Snohomish #1 230 kV & North Mountain 230
NORTHWEST	P7.1	Olympia-Shelton #3 230 kV & Olympia-Shelton 230
NORTHWEST	P7.1	Olympia-Shelton #5 230 kV & Olympia-Shelton 230
NORTHWEST	P7.1	Olympia-Shelton #5 230 kV & Satsop-Shelton 230
NORTHWEST	P7.1	Pearl-Sherwood #1 230 kV & Pearl-Sherwood 230
NORTHWEST	P7.1	Ross-Rivergate #1 230 kV & Ross-St Johns # 230
NORTHWEST	P7.1	Sammamish-Maple Valley #1 230 kV & Sammamish 230
NORTHWEST	P7.1	Santiam-Bethel #1 230 kV & Santiam-Cherry 230
NORTHWEST	P7.1	Satsop-Aberdeen #2 230 kV & Satsop-Aberdeen 230
NORTHWEST	P7.1	Satsop-Aberdeen #3 230 kV & Satsop Park- 230
NORTHWEST	P7.1	Shelton-Fairmount #3 230 kV & Shelton-Fairmount 230
NORTHWEST	P7.1	Shelton-South Bremerton #1 230 kV & Shelton-South Bremerton 230
NORTHWEST	P7.1	SnoKing-Maple Valley #1 230 kV & SnoKing 230
NORTHWEST	P7.1	Snohomish-Bothell #1 230 kV & Snohomish 230
NORTHWEST	P7.1	Tacoma-Covington #3 230 kV & Tacoma-Covington 230
	P7.1	Trojan-Allston #1 230 kV & Trojan-Allston # 230
PACE	P7.1	Goshen-Swan Valley 161 kV & Goshen-Druce 161
NORTHWEST	P7.1	Paul-Olympia 500 kV & Tono-Olympia 115 500
NORTHWEST	P1.3	Hatwai 500/230 kV 500
NORTHWEST	P1.3	Garrison #1 500/230 kV 500
NORTHWEST	P1.1/P1.2(GENTIE)	Rocky Reach Powerhouse Line 1-2 230 kV 230

NORTHWEST	P1.1/P1.2(GENTIE)	Rocky Reach Powerhouse Line 10-11 230 kV	230
NORTHWEST	P1.1/P1.2(GENTIE)	Rocky Reach Powerhouse Line 3-4 230 kV	230
NORTHWEST	P1.1/P1.2(GENTIE)	Rocky Reach Powerhouse Line 5-6 230 kV	230
NORTHWEST	P1.1/P1.2(GENTIE)	Rocky Reach Powerhouse Line 7-8-9 230 kV	230
NORTHWEST	P1.2	Rocky Reach-Andrew York 230 kV	230
NORTHWEST	P1.2	Rocky Reach-Columbia #2 230 kV	230
NORTHWEST	P2.4	6-950 McKenzie 115 kV, Section N-S	115
NORTHWEST	P7.1	Sickler-Schultz 500 kV, Rocky Reach-Colum	500
NORTHWEST	P7.1	Rocky Reach-Columbia #2 230 kV & Dougl	230
NORTHWEST	P7.1	Rocky Reach-Columbia #2 230 kV & Rapids	230
NORTHWEST	P1.1/P1.2(GENTIE)	3TM Priest Rapids PH #2-Midway-Frenchm	230
NORTHWEST	P1.1/P1.2(GENTIE)	3TM Wanapum-Priest Rapids PH #3-Midwa	230
NORTHWEST	P1.1/P1.2(GENTIE)	Priest Rapids PH #1 230 kV	230
NORTHWEST	P1.1/P1.2(GENTIE)	Wanapum PH #1 230 kV	230
NORTHWEST	P1.1/P1.2(GENTIE)	Wanapum PH #2 230 kV	230
NORTHWEST	P1.1/P1.2(GENTIE)	Wanapum PH #3 230 kV	230
NORTHWEST	P1.2	3TM Columbia-Ancient Lake-Wanapum 230	230
NORTHWEST	P1.2	3TM Frenchman Hills-Potholes-Sand Dunes	230
NORTHWEST	P1.2	Columbia-Larson 230 kV (fault on COL-RF s	230
NORTHWEST	P1.2	Columbia-Larson 230 kV (no RF tie close)	230
NORTHWEST	P1.2	Larson-Wheeler 230 kV	230
NORTHWEST	P1.2	Sand Dunes-Wheeler 230 kV	230
NORTHWEST	P1.2	3TM Larson-Sand Dunes-Warden 115 kV	115
NORTHWEST	P1.2	Larson-Stratford 115 kV	115
NORTHWEST	P1.2	Sand Dunes-Warden 115 kV	115
NORTHWEST	P1.3	Ancient Lake #1 230/115 kV	230
NORTHWEST	P1.3	Frenchman Hill #1 230/115 kV	230
NORTHWEST	P1.3	Larson #1 230/115 kV	230
NORTHWEST	P1.3	Rocky Ford #1 230/115 kV	230
NORTHWEST	P1.3	Sand Dunes #1 230/115 kV	230
NORTHWEST	P1.4	Wheeler Shunt Cap 230 kV	230
NORTHWEST	P2.1	3TM Columbia-Ancient Lake-Wanapum 230	230
NORTHWEST	P2.1	3TM Columbia-Ancient Lake-Wanapum 230	230
NORTHWEST	P2.1	3TM Frenchman Hills-Potholes-Sand Dunes	230
NORTHWEST	P2.1	3TM Frenchman Hills-Potholes-Sand Dunes	230
NORTHWEST	P2.1	3TM Priest Rapids PH #2-Midway-Frenchm	230
NORTHWEST	P2.1	3TM Priest Rapids PH #2-Midway-Frenchm	230
NORTHWEST	P2.1	3TM Priest Rapids PH #2-Midway-Frenchm	230
NORTHWEST	P2.1	3TM Wanapum-Priest Rapids PH #3-Midwa	230
NORTHWEST	P2.1	3TM Wanapum-Priest Rapids PH #3-Midwa	230
NORTHWEST	P2.1	3TM Wanapum-Priest Rapids PH #3-Midwa	230
NORTHWEST	P2.1	Columbia-Larson 230 kV (fault on LAR-RF s	230
NORTHWEST	P2.1	Columbia-Larson 230 kV @ Columbia (RF ti	230
NORTHWEST	P2.1	Larson-Wheeler 230 kV @ Larson	230
NORTHWEST	P2.1	Larson-Wheeler 230 kV @ Wheeler	230
NORTHWEST	P2.1	Sand Dunes-Wheeler 230 kV @ Sand Dune	230
NORTHWEST	P2.1	Sand Dunes-Wheeler 230 kV @ Wheeler	230

NORTHWEST	P2.1	3TM Sand Dunes-Larson-Warden 115 kV @ 115	
NORTHWEST	P2.2	Frenchman Hills 230 kV	230
NORTHWEST	P2.2	Larson 230 kV	230
NORTHWEST	P2.2	Rocky Ford 230 kV	230
NORTHWEST	P2.2	Sand Dunes 230 kV	230
NORTHWEST	P2.2	Wanapum 230 kV	230
NORTHWEST	P2.2	Wheeler 230 kV	230
NORTHWEST	P2.2	Frenchman Hills 115 kV	115
NORTHWEST	P2.2	Larson 115 kV	115
NORTHWEST	P2.2	Sand Dunes 115 kV	115
NORTHWEST	P2.4	Wanapum-Vantage Tie 230 kV	230
IDAHO	P1.2	Borah-Midpoint #1 500 kV	500
IDAHO	P1.2	Cedar Hill-Hemingway #1 500 kV	500
	P1.2	Hemingway-Longhorn #1 500 kV	500
IDAHO	P1.2	Midpoint-Cedar Hill #1 500 kV	500
IDAHO	P1.2	Midpoint-Hemingway #1 500 kV	500
IDAHO	P1.2	Midpoint-Hemingway #2 500 kV	500
	P1.2	Midpoint-Robinson #1 500 kV	500
IDAHO	P1.2	Adelaide-Midpoint #2 345 kV	345
IDAHO	P1.2	Borah-Adelaide #2 345 kV	345
IDAHO	P1.2	Borah-Midpoint-Adelaide #1 345 kV	345
IDAHO	P1.2	Kinport-Borah #1 345 kV	345
IDAHO, SIERRA	P1.2	Midpoint-Humboldt #1 345 kV	345
IDAHO	P1.2	Boise Bench-Brownlee #1 230 kV	230
IDAHO	P1.2	Boise Bench-Brownlee #2 230 kV	230
IDAHO	P1.2	Boise Bench-Brownlee #3 230 kV	230
IDAHO	P1.2	Boise Bench-Cloverdale #1 230 kV	230
IDAHO	P1.2	Boise Bench-DRAM #1 230 kV	230
IDAHO	P1.2	Boise Bench-Horse Flats #4 230 kV	230
IDAHO	P1.2	Boise Bench-Hubbard #1 230 kV	230
IDAHO	P1.2	Boise Bench-Midpoint #2 230 kV	230
IDAHO	P1.2	Boise Bench-Midpoint #3 230 kV	230
IDAHO	P1.2	Borah-Brady #2 230 kV	230
IDAHO	P1.2	Borah-Brady-Kinport #1 230 kV	230
IDAHO	P1.2	Borah-Hunt #1 230 kV	230
IDAHO	P1.2	Bowmont-Hubbard #1 230 kV	230
IDAHO, PACE	P1.2	Brady-Antelope #1 230 kV	230
IDAHO	P1.2	Brady-Kinport #1 230 kV	230
IDAHO	P1.2	Brownlee-Horse Flats #4 230 kV	230
IDAHO	P1.2	Brownlee-North Powder-Quartz #1 230 kV	230
IDAHO	P1.2	Brownlee-Ontario #1 230 kV	230
IDAHO	P1.2	Caldwell-Langley #1 230 kV	230
IDAHO	P1.2	Caldwell-Locust #1 230 kV	230
IDAHO	P1.2	Cloverdale-Locust #1 230 kV	230
IDAHO	P1.2	DRAM-Rattlesnake #1 230 kV	230
IDAHO	P1.2	Danskin-Bennett Mountain #1 230 kV	230
IDAHO	P1.2	Danskin-Hubbard #1 230 kV	230

IDAHO	P1.2	Hells Canyon-Brownlee #1 230 kV	230
IDAHO, NORTHWEST	P1.2	Hells Canyon-Hurricane #1 230 kV	230
NORTHWEST	P1.2	Hells Canyon-Walla Walla #1 230 kV	230
IDAHO	P1.2	Hemingway-Bowmont #1 230 kV	230
IDAHO	P1.2	Hemingway-Bowmont #2 230 kV	230
IDAHO	P1.2	Hubbard-Cloverdale #1 230 kV	230
IDAHO	P1.2	Hubbard-Nampa-Caldwell #1 230 kV	230
IDAHO	P1.2	Justice-Midpoint #1 230 kV	230
IDAHO	P1.2	Justice-Mountain Air-Rattlesnake #1 230 kV	230
IDAHO, NORTHWEST	P1.2	LaGrande-North Powder #1 230 kV	230
IDAHO	P1.2	Midpoint-Hunt #1 230 kV	230
IDAHO	P1.2	Ontario-Langley #1 230 kV	230
IDAHO	P1.2	Oxbow-Brownlee #1 230 kV	230
IDAHO	P1.2	Oxbow-Brownlee #2 230 kV	230
IDAHO	P1.2	Rattlesnake-Bennett Mountain #1 230 kV	230
IDAHO	P1.3	Borah #1 500/230 kV	500
IDAHO	P1.3	Hemingway #1 500/230 kV	500
IDAHO	P1.3	Hemingway #2 500/230 kV	500
IDAHO	P1.3	Borah #1 345/230 kV	345
IDAHO	P1.3	Kinport #1 345/230 kV	345
IDAHO	P1.3	Midpoint #1 345/230 kV	345
IDAHO	P1.3	Midpoint #2 345/230 kV	345
IDAHO	P7.1	Boise Bench-Cloverdale 230 kV & Boise Ber	230
IDAHO	P7.1	Boise Bench-Cloverdale 230 kV & WYE-Clo	230
IDAHO	P7.1	Brady-Kinport 230 kV & Borah-Brady-Kinpo	230
IDAHO	P7.1	Danskin-Bennett Mountain 230 kV & Mour	230
IDAHO	P7.1	Hubbard-Nampa-Caldwell 230 kV & Namp	230
IDAHO	P7.1	Langley-Caldwell 230 kV & Langley-Caldwe	230
IDAHO	P7.1	Locust-Caldwell 230 kV & Locust-BLACKCA	230
IDAHO	P7.1	Ontario-Langley 230 kV & Caldwell-Langley	230
IDAHO, NORTHWEST	P7.1	Oxbow-Lolo 230 kV & Hells Canyon-Brownl	230
IDAHO	P7.1	Rattlesnake-DRAM 230 kV & Boise Bench-[230
IDAHO, NORTHWEST	P1.2	Lolo-Oxbow 230 kV	230
ALBERTA	P1.1	Genesee Unit 3	--
ALBERTA, B.C.HYD	P1.2	Cranbrook-Selkirk 500 kV	500
ALBERTA, B.C.HYD	P1.2	Langdon-Cranbrook 500 kV	500
ALBERTA	P1.2	WATL (Crossings-Sunnybrook) HVDC Pole	1500
ALBERTA	P1.2	Langdon-Janet 240 kV	240
MONTANA	P1.2	Broadview-Judith Gap South 230 kV	230
MONTANA	P1.2	Great Falls-Ovando 230 kV	230
MONTANA	P1.2	Great Falls-Helena (East Helena-York #1)	1(100
MONTANA	P2.3	BF Great Falls 230 kV, Great Falls-Highwoo	230
ALBERTA	P3	WATL (Crossings-Sunnybrook) HVDC Pole	1500
MONTANA	P3	Colstrip Unit 3 & Colstrip Unit 4	--
ALBERTA, B.C.HYD	P6	Custer-Ingledow #1 500 kV & Custer-Ingled	500
ALBERTA, B.C.HYD	P6	Monroe-Custer #1 500 KV & Monroe-Custe	500
ALBERTA, B.C.HYD	P6	Selkirk-Ashton Creek 500 kV & Selkirk-Vase	500

ALBERTA, MONTANA	P6	WATL (Crossings-Sunnybrook) HVDC Pole	1500
MONTANA	P6	Great Falls to Helena (East Helena-York #1)	100
ALBERTA	P7	Langdon-Janet #1 240 kV & Langdon-Janet	240
MONTANA	P1.1	Colstrip Unit 3	--
MONTANA	P1.1	Colstrip Unit 4	--
NORTHWEST	P1.2	Anaconda-Garrison 230 kV CKT 1	230
MONTANA	P1.2	Billings Steam Plant-South Huntley #1	230
MONTANA, WAP	P1.2	Crossover-South Huntley #1 230 kV	230
MONTANA, NORT	P1.2	Garrison-Rattlesnake #1 230 kV	230
ALBERTA, MONTANA	P1.2	Great Falls-MATL #1 230 kV	230
MONTANA, WAP	P1.2	Hardin Auto-Crossover 230 kV	230
MONTANA, NORT	P1.2	Mill Creek-Anaconda 230 kV	230
MONTANA, NORT	P1.2	Mill Creek-Garrison 230 kV	230
MONTANA, NORT	P1.2	Ovando-Garrison #1 230 kV	230
MONTANA	P1.2	Ovando-Great Falls 230 kV	230
MONTANA, PACE	P1.2	Peterson-Antelope 230 kV	230
MONTANA	P1.2	Peterson-Mill Creek Phase Shifter 230 kV	230
MONTANA, NORT	P1.2	Placid Lake-Hot Springs 230 kV	230
MONTANA, NORT	P1.2	Rattlesnake-Hot Springs 230 kV	230
MONTANA, PACE	P1.2	Yellowtail-Rimrock Phase Shifter 161 kV	230
MONTANA, PACE	P1.2	Yellowtail-Steamplant Phase Shifter 230 kV	230
MONTANA, PACE	P1.2	Dillon Salmon-Big Grass #1 161 kV	161
MONTANA	P1.2	Mill Creek-Dillon Salmon 161 kV	161
MONTANA	P1.3	Broadview #3 500/230 kV	500
MONTANA	P1.3	Broadview #4 500/230 kV	500
MONTANA	P1.3	Colstrip #4 500/230 kV	500
MONTANA	P1.3	Colstrip #5 500/230 kV	500
NORTHWEST	P2.2	Garrison 230 kV	230
MONTANA	P1.2	Great Falls-Highwood Tap 230 kV	230
PACE	P1.1/P1.2(GENTIE)	Currant Creek-Mona #1 345 kV	345
PACE	P1.1/P1.2(GENTIE)	Hickory-Escalante Solar 345 kV	345
PACE	P1.1/P1.2(GENTIE)	Foote Creek-HIPLANE #1 230 kV	230
PACE	P1.1/P1.2(GENTIE)	Foote Creek-Miners #1 230 kV	230
PACE	P1.1/P1.2(GENTIE)	Freezeout-7 Mile Hill #1 230 kV	230
PACE	P1.1/P1.2(GENTIE)	Shirley Basin-Dunlap #1 230 kV	230
PACE	P1.1/P1.2(GENTIE)	Three Buttes-Latigo #1 230 kV	230
PACE	P1.1/P1.2(GENTIE)	Windstar-Top of the World #1 230 kV	230
PACE	P1.1/P1.3(GSU)	Naughton GSU #1 230/18 kV	230
PACE	P1.1/P1.3(GSU)	Naughton GSU #2 230/20 kV	230
PACE	P1.1/P1.3(GSU)	Naughton GSU #3 230/24 kV	230
PACE	P1.2	Aeolus-Anticline 500 kV	500
PACE	P1.2	Clover-Aeolus #1 500 kV	500
PACE	P1.2	Populus-Anticline #1 500 kV	500
PACE	P1.2	Populus-Anticline #2 500 kV	500
IDAHO, PACE	P1.2	Populus-Borah #1 500 kV	500
PACE	P1.2	Populus-Cedar Hill #1 500 kV	500
PACE	P1.2	3 Mile Knoll-Goshen 345 kV	345

PACE	P1.2	92nd-Terminal #1 345 kV	345
PACE	P1.2	Anticline-Bridger #1 345 kV	345
PACE	P1.2	Ben Lomond-Populus #1 345 kV	345
PACE	P1.2	Ben Lomond-Populus #2 345 kV	345
PACE	P1.2	Ben Lomond-Syracuse #1 345 kV	345
PACE	P1.2	Ben Lomond-Terminal #3 345 kV	345
PACE	P1.2	Ben Lomond-Terminal #4 345 kV	345
PACE, WAPA R.M.	P1.2	Bonanza-Craig 345 kV	345
PACE	P1.2	Bonanza-Mona #1 345 kV	345
IDAHO, PACE	P1.2	Borah-Populus #1 345 kV	345
IDAHO, PACE	P1.2	Borah-Populus #2 345 kV	345
PACE	P1.2	Bridger-3 Mile Knoll 345 kV	345
PACE	P1.2	Camp Williams-92nd #1 345 kV	345
PACE	P1.2	Camp Williams-92nd #2 345 kV	345
PACE	P1.2	Camp Williams-92nd #3 345 kV	345
PACE	P1.2	Camp Williams-92nd #4 345 kV	345
PACE	P1.2	Camp Williams-Clover #3 345 kV	345
PACE	P1.2	Camp Williams-Mona #1 345 kV	345
PACE	P1.2	Camp Williams-Mona #3 345 kV	345
PACE	P1.2	Camp Williams-Oquirrh #1 345 kV	345
PACE	P1.2	Camp Williams-Oquirrh #2 345 kV	345
PACE	P1.2	Camp Williams-Spanish Fork 345 kV	345
PACE	P1.2	Camp Williams-Steel Mill 345 kV	345
PACE	P1.2	Clover-Limber 345 kV	345
PACE	P1.2	Clover-Oquirrh 345 kV	345
PACE	P1.2	Clover-Sigurd #1 345 kV	345
PACE	P1.2	Clover-Sigurd #2 345 kV	345
PACE	P1.2	Emery-Huntington #1 345 kV	345
PACE	P1.2	Emery-Sigurd #1 345 kV	345
PACE	P1.2	Emery-Sigurd #2 345 kV	345
PACE	P1.2	Emery-Spanish Fork #1 345 kV	345
IDAHO, PACE	P1.2	Goshen-Kinport #1 345 kV	345
PACE	P1.2	Hickory-Sigurd 345 kV	345
PACE	P1.2	Huntington-Mona 345 kV	345
PACE	P1.2	Huntington-Pinto #1 345 kV	345
PACE	P1.2	Huntington-Spanish Fork #1 345 kV	345
LADWP, PACE	P1.2	Intermountain-Mona #1 345 kV	345
LADWP, PACE	P1.2	Intermountain-Mona #2 345 kV	345
IDAHO, PACE	P1.2	Kinport-Populus #1 345 kV	345
PACE	P1.2	Lakeside-Spanish Fork #1 345 kV	345
PACE	P1.2	Mid-Valley-92nd #1 345 kV	345
PACE	P1.2	Mid-Valley-92nd #2 345 kV	345
PACE	P1.2	Mid-Valley-Terminal #1 345 kV	345
PACE	P1.2	Mona-Clover #1 345 kV	345
PACE	P1.2	Mona-Clover #2 345 kV	345
PACE	P1.2	Oquirrh-Limber #1 345 kV	345
PACE	P1.2	Oquirrh-Terminal #1 345 kV	345

PACE	P1.2	Oquirrh-Terminal #2 345 kV	345
PACE	P1.2	Oquirrh-Terminal #3 345 kV	345
PACE	P1.2	Oquirrh-Terminal #4 345 kV	345
PACE	P1.2	Pinto-Four Corners #1 345 kV	345
PACE	P1.2	Populus-Bridger #1345 kV	345
PACE	P1.2	Populus-Bridger #2345 kV	345
PACE	P1.2	Red Butte-Harry Allen #1 345 kV	345
PACE	P1.2	Red Butte-Hickory 345 kV	345
PACE	P1.2	Red Butte-Sigurd #1 345 kV	345
PACE	P1.2	Red Butte-St Gorge #1 345 kV	345
PACE	P1.2	Sigurd-Three Peaks #2 345 kV	345
PACE	P1.2	Steel Mill-Spanish Fork #2 345 kV	345
PACE	P1.2	Syracuse-Terminal #1 345 kV	345
PACE	P1.2	Terminal-Mid-Valley 345 kV	345
PACE	P1.2	Terminal-Populus #1 345 kV	345
PACE	P1.2	Three Peaks-Red Butte #1 345 kV	345
PACE	P1.2	Aeolus-Freezeout 230 kV	230
PACE	P1.2	Aeolus-Shirley Basin 230 kV	230
PACE	P1.2	Aeolus-Windstar 230 kV	230
PACE	P1.2	Amasa-Difficulty 230 kV	230
PACE	P1.2	Antelope Mine-Yellowcake #1 230 kV	230
PACE	P1.2	Antelope-Lost River #1 230 kV	230
MONTANA, PACE	P1.2	Antelope-Peterson 230 kV	230
PACE, WAPA R.M.	P1.2	Antelope Mine-Teckla #1 230 kV	230
PACE	P1.2	Atlantic-COLGEN #1 230 kV	230
PACE	P1.2	Atlantic-Rock Springs #1 230 kV	230
PACE	P1.2	Badwater-Buffalo Head 230 kV	230
PACE	P1.2	Badwater-Thermopolis #1 230 kV	230
PACE	P1.2	BarX-Bitter Creek #1 230 kV	230
PACE	P1.2	BarX-Echo Springs #1 230 kV	230
PACE	P1.2	Ben Lomond-Birch Creek #1 230 kV	230
PACE	P1.2	Ben Lomond-Naughton #1 230 kV	230
PACE	P1.2	Birch Creek-Naughton #1 230 kV	230
PACE	P1.2	Birch Creek-Railroad #1 230 kV	230
IDAHO, PACE	P1.2	Brady-Antelope 230 kV	230
PACE	P1.2	Bridger-Mustang #1 230 kV	230
PACE	P1.2	Bridger-Rock Springs #1 230 kV	230
PACE	P1.2	Bridger-Rock Springs #2 230 kV	230
PACE	P1.2	Buffalo Head-Spence 230 kV	230
PACE	P1.2	Buffalo-Carr Draw #1 230 kV	230
PACE	P1.2	Buffalo-Claim Jumper #1 230 kV	230
PACE	P1.2	Buffalo-Sheridan #1 230 kV	230
PACE, WAPA R.M.	P1.2	Carr Draw-Barber Creek-Pumpkin Butte 230 kV	230
PACE, WAPA R.M.	P1.2	Carr Draw-Dry Fork #1 230 kV	230
PACE	P1.2	Carr Draw-Wyodak #1 230 kV	230
PACE	P1.2	Casper-Claim Jumper #1 230 kV	230
PACE	P1.2	Casper-Dave Johnson #1 230 kV	230

PACE	P1.2	Casper-Latigo #1 230 kV	230
PACE	P1.2	Casper-Rliverton #1 230 kV	230
PACE	P1.2	Casper-Spence #1 230 kV	230
PACE	P1.2	Chappel Creek-Chimney Butte 230 kV	230
PACE	P1.2	Chappel Creek-Craven Creek #1 230 kV	230
PACE	P1.2	Chappel Creek-Jonah Gas #1 230 kV	230
PACE	P1.2	Craven Creek-Monument Phase Shifter 230 kV	230
PACE	P1.2	Craven Creek-Naughton #1 230 kV	230
PACE	P1.2	Dave Johnson-Amasa 230 kV	230
PACE, WAPA R.M.	P1.2	Dave Johnson-Goshen County 230 kV	230
PACE, WAPA R.M.	P1.2	Dave Johnson-Sawmill Creek 230 kV	230
PACE	P1.2	Dave Johnson-Windstar #1 230 kV	230
PACE	P1.2	Dave Johnson-Windstar #2 230 kV	230
PACE	P1.2	Difficulty-Shirley Basin #1 230 kV	230
PACE	P1.2	Exxon Wyoming-Monument #1 230 kV	230
PACE	P1.2	Firehole-Arrowhead 230 kV	230
PACE	P1.2	Firehole-Flaming Gorge #1 230 kV	230
PACE	P1.2	Firehole-Rock Springs #1 230 kV	230
PACE	P1.2	Frannie-Oregon Basin #1 230 kV	230
PACE	P1.2	Latham-Echo Springs #1 230 kV	230
PACE	P1.2	Lost River-Spar Canyon #1 230 kV	230
NORTHWEST	P1.2	Midway-Union Gap #1 230 kV	230
PACE	P1.2	Miners-Platte #1 230 kV	230
PACE	P1.2	Monument Phase Shifter-Lima 230 kV	230
PACE	P1.2	Monument-Firehole #1 230 kV	230
PACE	P1.2	Mustang-Spence #1 230 kV	230
PACE	P1.2	Naughton-Lima 230 kV	230
PACE	P1.2	Naughton-Treasureton #1 230 kV	230
PACE	P1.2	Oregon Basin-Thermopolis #1 230 kV	230
PACE, SIERRA	P1.2	Pavant-Gonder #1 230 kV	230
PACE	P1.2	Pavant-Sigurd #1 230 kV	230
PACE	P1.2	Platte-Latham #1 230 kV	230
PACE	P1.2	Point of Rocks-Bitter Creek #1 230 kV	230
PACE	P1.2	Raven-Monument #1 230 kV	230
PACE	P1.2	Riverton-Atlantic #1 230 kV	230
PACE	P1.2	Riverton-Thermopolis #1 230 kV	230
PACE	P1.2	Rock Springs-Raven #1 230 kV	230
PACE	P1.2	Round Valley-Spar Canyon #1 230 kV	230
PACE, WAPA R.M.	P1.2	Sheridan-Tongue River #1 230 kV	230
PACE	P1.2	Sigurd-West Cedar #1 230 kV	230
PACE	P1.2	South Butte-Spar Canyon #1 230 kV	230
PACE	P1.2	Standpipe-Foote Creek 230 kV	230
PACE	P1.2	Standpipe-Freezeout 230 kV	230
IDAHO, PACE	P1.2	Treasureton-Brady #1 230 kV	230
PACE	P1.2	Windstar-Glenrock #1 230 kV	230
PACE	P1.2	Windstar-Latigo #1 230 kV	230
PACE, WAPA R.M.	P1.2	Windstar-Pumpkin Buttes #1 230 kV	230

PACE, WAPA R.M. P1.2	Wyodak-Donkey Creek #1 230 kV	230
PACE, WAPA R.M. P1.2	Wyodak-Donkey Creek #2 230 kV	230
PACE, WAPA R.M. P1.2	Wyodak-Hughes #1 230 kV	230
PACE, WAPA R.M. P1.2	Wyodak-Osage #1 230 kV	230
PACE P1.2	Yellowcake-Windstar #1 230 kV	230
PACE P1.2	Yellowtail-Sheridan 230 kV	230
MONTANA, PACE P1.2	Yellowtail-Steamplant 230 kV	230
PACE, WAPA R.M. P1.2	Yellowtail-Yellowtail East 230 kV	230
PACE P1.3	Aeolus #1 500/230 kV	500
PACE P1.3	Aeolus #2 500/230 kV	500
PACE P1.3	Aeolus #3 500/230 kV	500
PACE P1.3	Anticline 500/345 kV	500
PACE P1.3	Clover 500/345 kV	500
PACE P1.3	Populus 500/345 kV	500
PACE P1.3	3 Mile Knoll 345/138 kV	345
PACE P1.3	Anticline Phase Shifter #1 345 kV	345
PACE P1.3	Anticline Phase Shifter #2 345 kV	345
PACE P1.3	Ben Lomond #1 345/230 kV	345
PACE P1.3	Ben Lomond #2 345/230 kV	345
PACE P1.3	Ben Lomond 345/138 kV	345
PACE P1.3	Bonanza #1 345/138 kV	345
PACE P1.3	Bonanza #2 345/138 kV	345
PACE P1.3	Bridger #1 345/230 kV	345
PACE P1.3	Bridger #2 345/230 kV	345
PACE P1.3	Bridger #3 345/230 kV	345
PACE P1.3	Camp Williams 345/138 kV	345
PACE P1.3	Pinto Phase Shifter #1 #2 345 kV	345
PACE P1.3	Pinto Phase Shifter #3 345 kV	345
PACE P1.3	Sigurd #2 345/230 kV	345
PACE P1.3	Sigurd 345/230 kV	345
PACE P1.3	Spanish Fork #1 345/138 kV	345
PACE P1.3	Spanish Fork #2 345/138 kV	345
PACE P1.3	Syracuse 345/138 kV	345
PACE P1.3	Terminal #3 345/138 kV	345
PACE P1.3	Terminal #4 345/138 kV	345
PACE P1.3	Three Peaks 345/138 kV	345
PACE P1.3	Antelope 230/161 kV	230
PACE P1.3	Ben Lomond #1 230/138 kV	230
PACE P1.3	Ben Lomond #2 230/138 kV	230
PACE P1.3	Monument Phase Shifter #1 230 kV	230
PACE P1.3	Monument Phase Shifter #2 230 kV	230
PACE P1.3	Sigurd Phase Shifter #1 230 kV	230
PACE P1.3	Treasureton #1 230/138 kV	230
PACE P1.3	Treasureton #2 230/138 kV	230
PACE P1.4	Camp Williams SVC #1 345 kV	345
PACE P1.4	Red Butte SVC #1 345 kV	345
PACE P1.4	Aeolus SVC #1 230 kV	230

PACE	P1.4	Atlantic City Reactor 230 kV	230
PACE	P1.4	Latham SVC 230 kV	230
PACE	P6	Bridger 345/230 kV #1 & #2	345
PACE	P1.3	Bridger 345/230 kV #1 & #3	345
PACE	P6	Camp Williams-Mercer #2 345 kV & Merce	345
PACE	P6	Camp Williams-Mercer #4 345 kV & Merce	345
PACE	P7	PacifiCorp 10 -PAC 345 kV (Ben Lomond-Te	345
PACE	P3	PacifiCorp 16 -PAC 345 kV (Huntington G1	345
PACE	P2.3	PacifiCorp 21 -PAC 345 kV (Huntington-Pin	345
APS, PACE	P2.3	PacifiCorp 22 -PAC 345 kV (Huntington-Pin	345
PACE	P2.3	PacifiCorp 31 -PAC 345 kV (Terminal-Popul	345
IDAHO, PACE	P6	PacifiCorp 5 -PAC 345 kV (Brady-Sunbeam-	345
IDAHO, PACE	P6	PacifiCorp 5 -PAC 345 kV (Brady-Sunbeam-	345
PACE	P7	PacifiCorp 7 -PAC 345 kV (Ben Lomond-Pop	345
PACE	P7	PacifiCorp 8 -PAC 345 kV (Ben Lomond-Pop	345
IDAHO, PACE	P6	PacifiCorp 9 -PAC 345 kV (Terminal-Populu	345
PACE, WAPA R.M.	P2.3	Dave Johnson-Sawmill Creek #1 230 kV & S	230
PACE	P2.3	Miners-Standpipe #1 230 kV & Standpipe-F	230
NORTHWEST	P1.1/P1.2(GENTIE)	Hermiston-McNary #1 230 kV	230
NORTHWEST	P1.2	Alvey-Dixonville #1 500 kV	500
IDAHO, NORTHWEST	P1.2	Hemingway-Summer Lake #1 500 kV	500
NORTHWEST	P1.2	Klamath Falls-Meridian #1 500 kV	500
NORTHWEST	P1.2	Snow Goose-Captain Jack #1 500 kV	500
NORTHWEST	P1.2	Alfalfa-Midway #1 230 kV	230
NORTHWEST	P1.2	Alvey-Dixonville #1 230 kV	230
NORTHWEST	P1.2	Boyle-Copco #1 230 kV	230
NORTHWEST	P1.2	Boyle-Klamath Falls #1 230 kV	230
NORTHWEST	P1.2	Chiloquin-Klamath Falls #1 230 kV	230
NORTHWEST	P1.2	Chiloquin-Lapine #1 230 kV	230
NORTHWEST	P1.2	Copco-Lone Pine #1 230 kV	230
NORTHWEST	P1.2	Dixonville-Dixonville 500 #1 230 kV	230
NORTHWEST	P1.2	Dixonville-Grants Pass #1 230 kV	230
NORTHWEST	P1.2	Fairview-Isthmus #1 230 kV	230
NORTHWEST	P1.2	Klamath Falls-Malin #1 230 kV	230
NORTHWEST	P1.2	McNary-Wallula #1 230 kV	230
NORTHWEST	P1.2	McNary-Wallula #2 230 kV	230
NORTHWEST	P1.2	Nine Mile Falls-Wallula #1 230 kV	230
NORTHWEST	P1.2	Pilot Butte-Redmond #1 230 kV	230
NORTHWEST	P1.2	Pomona Heights-Union Gap #1 230 kV	230
NORTHWEST	P1.2	Talbot-Dry Creek #1 230 kV	230
NORTHWEST	P1.2	Talbot-Walla Walla #1 230 kV	230
NORTHWEST	P1.2	Walla Walla-Wallula #1 230 kV	230
NORTHWEST	P1.2	Walla Walla-Wallula #2 230 kV	230
NORTHWEST	P1.2	Wanapum-Walla Walla #1 230 kV	230
NORTHWEST	P1.2	Grassland-Slatt 500 kV	500
NORTHWEST	P1.2	Grizzly-Round Butte 500 kV	500
NORTHWEST	P1.2	3TM McLoughlin-Pearl-Sherwood 230 kV	230

NORTHWEST	P1.2	Bethel-McLoughlin 230 kV	230
NORTHWEST	P1.2	Bethel-Round Butte 230 kV	230
NORTHWEST	P1.2	Blue Lake-Gresham 230 kV	230
NORTHWEST	P1.2	Blue Lake-Troutdale #1 230 kV	230
NORTHWEST	P1.2	Blue Lake-Troutdale #2 230 kV	230
NORTHWEST	P1.2	Carlton-Sherwood 230 kV	230
NORTHWEST	P1.2	Carver-Gresham #1 230 kV	230
NORTHWEST	P1.2	Carver-McLoughlin #1 230 kV	230
NORTHWEST	P1.2	Carver-McLoughlin #2 230 kV	230
NORTHWEST	P1.2	Dalreed-Boardman Start Up 230 kV	230
NORTHWEST	P1.2	Evergreen-Harborton 230 kV	230
NORTHWEST	P1.2	Evergreen-Horizon 230 kV	230
NORTHWEST	P1.2	Harborton-Rivergate 230 kV	230
NORTHWEST	P1.2	Harborton-St Marys 230 kV	230
NORTHWEST	P1.2	Horizon-Keeler 230 kV	230
NORTHWEST	P1.2	Keeler-St Marys 230 kV	230
NORTHWEST	P1.2	Murrayhill-Sherwood #1 230 kV	230
NORTHWEST	P1.2	Murrayhill-Sherwood #2 230 kV	230
NORTHWEST	P1.2	Murrayhill-St Marys 230 kV	230
NORTHWEST	P1.2	Pearl-Sherwood 230 kV	230
NORTHWEST	P1.2	Port Westward-Trojan #1 230 kV	230
NORTHWEST	P1.2	Port Westward-Trojan #2 230 kV	230
NORTHWEST	P2.2	Bethel 230 kV	230
NORTHWEST	P2.2	Gresham 230 kV	230
NORTHWEST	P2.2	McLoughlin East Bus Section 230 kV	230
NORTHWEST	P2.2	McLoughlin West Bus Section 230 kV	230
NORTHWEST	P2.2	Rivergate 230 kV	230
NORTHWEST	P2.2	Round Butte North Bus Section 230 kV	230
NORTHWEST	P2.2	Round Butte South Bus Section 230 kV	230
NORTHWEST	P2.2	Trojan East 230 kV	230
NORTHWEST	P2.2	Trojan West 230 kV	230
NORTHWEST	P2.3	V112 Horizon 230 kV	230
NORTHWEST	P2.3	V202 Blue Lake 230 kV	230
NORTHWEST	P2.3	V212 Blue Lake 230 kV	230
NORTHWEST	P2.3	V212 Horizon 230 kV	230
NORTHWEST	P2.3	V242 Harborton 230 kV	230
NORTHWEST	P2.3	V252 St Marys 230 kV	230
NORTHWEST	P2.3	V278 Sherwood 230 kV	230
NORTHWEST	P2.3	V290 St Marys 230 kV	230
NORTHWEST	P2.3	V342 Blue Lake 230 kV	230
NORTHWEST	P2.3	V352 Blue Lake 230 kV	230
NORTHWEST	P2.4	BF Round Butte 230 kV, Section N-S	230
NORTHWEST	P7.1	Blue Lake-Gresham 230 kV & Blue Lake-Kel	230
NORTHWEST	P7.1	Blue Lake-Troutdale #1 & #2 230 kV	230
NORTHWEST	P7.1	Carlton-Sherwood 230 kV & Newberg-Sher	230
NORTHWEST	P7.1	Evergreen-Harborton 230 kV & Harborton-	230
NORTHWEST	P7.1	Harborton-Rivergate 230 kV & Harborton-†	230

NORTHWEST	P7.1	Harborton-St Marys 230 kV & St Marys-Cec 230	
NORTHWEST	P7.1	Keeler-St Marys 230 kV & St Marys-West U 230	
NORTHWEST	P7.1	McLoughlin-Pearl-Sherwood 230 kV & McL 230	
NORTHWEST	P7.1	Murrayhill-Sherwood #1 & #2 230 kV	230
NORTHWEST	P7.1	Murrayhill-St Marys 230 kV & Murrayhill-Ri 230	
NORTHWEST	P7.1	Port Westward-Trojan #1 & #2 230 kV	230
NORTHWEST	P1.2	Grizzly-Malin #2 500 kV	500
NORTHWEST	P1.2	Redmond-Round Butte #1 230 kV	230
NORTHWEST	P1.1/P1.2(GENTIE)	Poison Spring-Schnebly 230 kV	230
NORTHWEST	P1.1/P1.2(GENTIE)	Poison Spring-Wild Horse 230 kV	230
NORTHWEST	P1.1/P1.3(GSU)	Fredonia GSU #1 230/13.8 kV	230
NORTHWEST	P1.1/P1.3(GSU)	Fredonia GSU #2 230/13.8 kV	230
NORTHWEST	P1.1/P1.3(GSU)	Vantage Wind 230/34.5 kV	230
NORTHWEST	P1.1/P1.3(GSU)	Wild Horse #1 230/34.5 kV	230
NORTHWEST	P1.1/P1.3(GSU)	Wild Horse #2 230/34.5 kV	230
NORTHWEST	P1.1/P1.3(GSU)	Wild Horse #3 230/34.5 kV	230
NORTHWEST	P1.2	Covington-Berrydale #1 230 kV	230
NORTHWEST	P1.2	Covington-White River #1 230 kV	230
NORTHWEST	P1.2	Covington-White River #2 230 kV	230
	P1.2	Maple Valley-Talbot Hill #1 230 kV	230
NORTHWEST	P1.2	Maple Valley-Talbot Hill #2 230 kV	230
NORTHWEST	P1.2	Monroe-Novelty Hill #1 230 kV	230
NORTHWEST	P1.2	Olympia-St Clair #1 230 kV	230
NORTHWEST	P1.2	Poison Spring-Wind Ridge 230 kV	230
NORTHWEST	P1.2	Rocky Reach-Cascade 230 kV	230
NORTHWEST	P1.2	Sammamish-Novelty Hill #2 230 kV	230
NORTHWEST	P1.2	Sammamish-Richards Creek #1 230 kV	230
NORTHWEST	P1.2	Sedro Wooley-Bellingham #1 230 kV	230
NORTHWEST	P1.2	Sedro Woolley-Horse Ranch 230 kV	230
NORTHWEST	P1.2	Shelton-South Bremerton #1 230 kV	230
NORTHWEST	P1.2	South Tacoma-White River #1 230 kV	230
NORTHWEST	P1.2	St Clair-South Tacoma #1 230 kV	230
NORTHWEST	P1.2	Talbot Hill-Berrydale #3 230 kV	230
NORTHWEST	P1.2	Talbot Hill-OBrien #3 230 kV	230
NORTHWEST	P1.2	Talbot Hill-Richards Creek #1 230 kV	230
NORTHWEST	P1.2	Talbot Hill-Richards Creek #2 230 kV	230
NORTHWEST	P1.2	Talbot Hill-South 230 kV	230
NORTHWEST	P1.2	Wanapum-Wind Ridge 230 kV	230
NORTHWEST	P1.2	White River-Alderton #5 230 kV	230
NORTHWEST	P1.3	Tono 500/115 kV	500
NORTHWEST	P1.3	Alderton 230/115 kV	230
NORTHWEST	P1.3	Berrydale 230/115 kV	230
NORTHWEST	P1.3	Cascade 230/115 kV	230
NORTHWEST	P1.3	Cascade 230/34.5 kV	230
NORTHWEST	P1.3	March Point 230/115 kV	230
NORTHWEST	P1.3	Novelty Hill 230/115 kV	230
NORTHWEST	P1.3	OBrien #1 230/115 kV	230

NORTHWEST	P1.3	OBrien #2 230/115 kV	230
NORTHWEST	P1.3	Portal Way 230/115 kV	230
NORTHWEST	P1.3	Richards Creek 230/115 kV	230
NORTHWEST	P1.3	Sammamish #1 230/115 kV	230
NORTHWEST	P1.3	Sammamish #2 230/115 kV	230
NORTHWEST	P1.3	Sedro Woolley #1 230/115 kV	230
NORTHWEST	P1.3	Sedro Woolley #2 230/115 kV	230
NORTHWEST	P1.3	South Bremerton 230/115 kV	230
NORTHWEST	P1.3	St Clair 230/115 kV	230
NORTHWEST	P1.3	Talbot Hill #1 230/115 kV	230
NORTHWEST	P1.3	Talbot Hill #2 230/115 kV	230
NORTHWEST	P1.3	White River #1 230/115 kV	230
NORTHWEST	P1.3	White River #2 230/115 kV	230
NORTHWEST	P1.3	Wind Ridge 230/115 kV	230
NORTHWEST	P1.4	Wild Horse #C1 (Capacitor) 230 kV	230
NORTHWEST	P1.4	Wind Ridge #R (Reactor) 230 kV	230
NORTHWEST	P2.1	3TM Murray-Custer #1 (with Sedro Woolle	230
NORTHWEST	P2.1	3TM Murray-Custer #1 (with Sedro Woolle	230
NORTHWEST	P2.1	3TM Murray-Custer #1 (with Sedro Woolle	230
NORTHWEST	P2.1	3TM Sedro Woolley-Bothell (with Horse Ra	230
NORTHWEST	P2.1	3TM Sedro Woolley-Bothell (with Horse Ra	230
NORTHWEST	P2.1	3TM Sedro Woolley-Bothell (with Horse Ra	230
NORTHWEST	P2.1	3TM Sedro Woolley-March Point (with Fre	230
NORTHWEST	P2.1	3TM Sedro Woolley-March Point (with Fre	230
NORTHWEST	P2.1	3TM Tacoma-Covington #2 (with Christoph	230
NORTHWEST	P2.1	3TM Tacoma-Covington #2 (with Christoph	230
NORTHWEST	P2.1	3TM Tacoma-Covington #2 (with Christoph	230
NORTHWEST	P2.1	3TM Tacoma-Covington #2 (with Christoph	230
NORTHWEST	P2.1	4TM Monroe-Snohomish #1 & #2 (with Ho	230
NORTHWEST	P2.1	Cascade-White River 230 kV @ Cascade	230
NORTHWEST	P2.1	Cascade-White River 230 kV @ White River	230
NORTHWEST	P2.1	Sammamish-Maple Valley #1 (with Klahani	230
NORTHWEST	P2.1	Sammamish-Maple Valley #1 (with Klahani	230
NORTHWEST	P2.1	Sammamish-Richards Creek #2 230 kV @ R	230
NORTHWEST	P2.1	Sammamish-Richards Creek #2 230 kV @ S	230
NORTHWEST	P2.2	Horse Ranch 230 kV	230
NORTHWEST	P2.2	Novelty Hill 230 kV	230
NORTHWEST	P2.2	OBrien North Bus Section 230 kV	230
NORTHWEST	P2.2	OBrien South Bus Section 230 kV	230
NORTHWEST	P2.2	Sammamish East Bus Section 230 kV	230
NORTHWEST	P2.2	Sammamish Middle Bus Section 230 kV	230
NORTHWEST	P2.2	Sammamish West Bus Section 230 kV	230
NORTHWEST	P2.4	488 Sammamish 230 kV, Section E-M	230
NORTHWEST	P2.4	51 OBrien 230 kV, Section N-S	230
NORTHWEST	P2.4	7067 Sammamish 230 kV, Section W-M	230
NORTHWEST	P2.4	160 South Bremerton 115 kV, Section E-W	115
NORTHWEST	P2.4	3283 Portal Way 115 kV, Section N-S	115

NORTHWEST	P2.4	573 Olympia 115 kV, Section N-M	115
NORTHWEST	P2.4	7458 Olympia 115 kV, Section S-M	115
NORTHWEST	P7	Bothell-Sammamish 230 kV & 3TM Sedro V 230	
NORTHWEST	P7	Olympia-St Clair #1 230 kV & St Clair-South 230	
NORTHWEST	P7	Sammamish-Maple Valley #1 230 kV & Sar 230	
NORTHWEST	P7	Sammamish-Richards Creek #1 230 kV & Sæ 230	
NORTHWEST	P7	Talbot Hill-Richards Creek #1 230 kV & Talk 230	
NORTHWEST	P7	White River-Alderton #5 230 kV & White Ri 230	
NORTHWEST	P1.2	3TM Sedro Woolley-Bothell (with Horse Ra 230	
NORTHWEST	P1.2	Bothell-Sammamish 230 kV	230
NORTHWEST	P1.2	Covington-Duwamish #1 230 kV	230
NORTHWEST	P1.2	Maple Valley-East Pine #1 230 kV	230
NORTHWEST	P1.2	Maple Valley-Massachusetts #1 230 kV	230
NORTHWEST	P1.2	Snohomish-Bothell #1 230 kV	230
NORTHWEST	P1.2	South-Talbot Hill #1 230 kV	230
NORTHWEST	P2.1	Bothell-SnoKing #1 230 kV @ Bothell	230
NORTHWEST	P2.1	Bothell-SnoKing #2 230 kV @ Bothell	230
NORTHWEST	P2.1	Covington-Creston 230 kV @ Creston	230
NORTHWEST	P2.1	Maple Valley-Duwamish #1 230 kV @ Duw: 230	
NORTHWEST	P2.1	North Mountain-Snohomish 230 kV @ Nor: 230	
NORTHWEST	P2.1	SnoKing-Maple Valley #1 230 kV @ Maple ` 230	
NORTHWEST	P2.1	SnoKing-Maple Valley #2 230 kV @ Maple ` 230	
NORTHWEST	P2.1	Snohomish-Bothell #2 230 kV @ Bothell	230
NORTHWEST	P1.2	Snohomish-Beverly Park #9 230 kV	230
NORTHWEST	P1.2	Everett-Snohomish 115 kV	115
NORTHWEST	P1.2	Murray-East Arlington 115 kV	115
NORTHWEST	P1.2	Murray-Stimson Crossing 115 kV	115
NORTHWEST	P1.2	Murray-Stimson Crossing 115 kV (Fault bet 115	
NORTHWEST	P1.2	SnoKing-Brightwater 115 kV	115
NORTHWEST	P1.2	SnoKing-Halls Lake #1 115 kV (Fault on Brie 115	
NORTHWEST	P1.2	SnoKing-Halls Lake #1 115 kV (Fault on Sno 115	
NORTHWEST	P1.2	SnoKing-Halls Lake #2 115 kV (Fault betweæ 115	
NORTHWEST	P1.2	SnoKing-North Creek 115 kV (Fault betwee 115	
NORTHWEST	P1.2	SnoKing-North Creek 115 kV, (Fault betweæ 115	
NORTHWEST	P1.2	SnoKing-Swamp Creek 115 kV	115
NORTHWEST	P1.2	Snohomish-Beverly Park #3 115 kV	115
NORTHWEST	P1.2	Snohomish-Beverly Park #4 115 kV	115
NORTHWEST	P1.2	Snohomish-Delta 115 kV (Fault between Sr 115	
NORTHWEST	P1.2	Snohomish-Jackson (North Loop) 115 kV (F 115	
NORTHWEST	P1.2	Snohomish-Jackson (North Loop) 115 kV (F 115	
NORTHWEST	P1.2	Snohomish-Murray 115 kV (Fault between 115	
NORTHWEST	P1.2	Snohomish-Paine Field 115 kV	115
NORTHWEST	P1.2	Snohomish-Sound View 115 kV (Fault betw 115	
NORTHWEST	P1.3	Beverly Park 230/115 kV	230
NORTHWEST	P2.1	Murray-Stimson Crossing 115 kV @ Murray 115	
NORTHWEST	P2.1	SnoKing-Brightwater 115 kV @ SnoKing (Pa 115	
NORTHWEST	P2.1	SnoKing-Halls Lake #1 115 kV @ SnoKing (T 115	

NORTHWEST	P2.1	SnoKing-Halls Lake #2 115 kV @ SnoKing (F 115	
NORTHWEST	P2.1	Snohomish-Delta 115 kV @ Snohomish (Fo 115	
NORTHWEST	P2.1	Snohomish-Jackson (North Loop) 115 kV @ 115	
NORTHWEST	P2.1	Snohomish-Jackson (South Loop) (Future Si 115	
NORTHWEST	P2.1	Snohomish-Murray 115 kV @ Murray (Getr 115	
NORTHWEST	P2.1	Snohomish-Murray 115 kV @ Snohomish (I 115	
NORTHWEST	P2.1	Snohomish-Paine Field 115 kV @ Snohomi 115	
NORTHWEST	P2.2	Beverly Park 230 kV	230
NORTHWEST	P2.3	B3017 Beverly Park 230 kV, Snohomish-Be 230	
NORTHWEST	P1.1	Mossyrock Unit 51	--
NORTHWEST	P1.1	Mossyrock Unit 52	--
NORTHWEST	P1.1/P1.3(GSU)	Mayfield GSU #1 230/13.8 kV	230
NORTHWEST	P1.1/P1.3(GSU)	Mayfield GSU #2 230/13.8 kV	230
NORTHWEST	P1.1/P1.3(GSU)	Mossyrock GSU #1 230/13.8 kV	230
NORTHWEST	P1.1/P1.3(GSU)	Mossyrock GSU #2 230/13.8 kV	230
NORTHWEST	P1.2	3TM Chehalis-Covington #1 (with Cowlitz T 230	
NORTHWEST	P1.2	Mossyrock-Chehalis 230 kV	230
NORTHWEST	P1.2	Mossyrock-Mayfield 230 kV	230
NORTHWEST	P1.2	South Tacoma-Southwest 230 kV	230
NORTHWEST	P1.2	Tacoma-Cowlitz 230 kV	230
NORTHWEST	P1.2	Tacoma-Southwest 230 kV	230
NORTHWEST	P1.3	Canyon #1 230/115 kV	230
NORTHWEST	P1.3	Cowlitz #8 230/115 kV	230
NORTHWEST	P1.3	Cowlitz #9 230/115 kV	230
NORTHWEST	P1.3	Northeast #2 230/115 kV	230
NORTHWEST	P1.3	Northeast #3 230/115 kV	230
NORTHWEST	P1.3	Southwest #1 230/115 kV	230
NORTHWEST	P1.3	Southwest #2 230/115 kV	230
NORTHWEST	P7	Mossyrock-Chehalis 230 kV & Mossyrock-N 230	
NORTHWEST	P7	Tacoma-Southwest 230 kV & Tacoma-Cowl 230	
	P0	P0: Base Case Violations	
SIERRA	P1	SWIP-N (Robinson - Gen 525kV Series Cap 525	
SIERRA	P1	SWIP-N (Robinson - Gen 525kV Series Cap I 525	
IDAHO, SIERRA	P1	SWIP-N (MVE500SF Generator 525kV Lead 525	
IDAHO	P1	SWIP-N (MVE500LF Generator 525kV Lead I 525	
IDAHO, SIERRA	P1	SWIP-N (Midpoint - Gen 525kV Series Cap 525	
IDAHO, SIERRA	P1	SWIP-N (Midpoint - Gen 525kV Series Cap I 525	
SIERRA	P1	SWIP-N (Gen - Robinson 525kV)	525
IDAHO, SIERRA	P1	SWIP-N (Gen - Midpoint 525kV)	525
NEVADA, SIERRA	P1	CrossTie (Robinson - Harry Allen 525kV)	525
NEVADA, SIERRA	P1	CrossTie (Robinson - Harry Allen 525kV Cap 525	
NEVADA, SIERRA	P1	CrossTie (Robinson - Harry Allen 525kV Cap 525	
SIERRA	P1	CrossTie (Robinson - Gonder 345kV Phase 3 345	
SIERRA	P1	CrossTie (Robinson - Falcon 345kV Phase SI 345	
PACE, SIERRA	P1	CrossTie (Robinson - Clover 525kV)	525
SIERRA	P1	CrossTie (Robinson - Clover 525kV Series C: 525	
SIERRA	P1	CrossTie (Robinson - Clover 525kV Series C: 525	

NEVADA	P1	CrossTie (Harry Allen - Robinson 525kV Ser 525	
NEVADA	P1	CrossTie (Harry Allen - Robinson 525kV Ser 525	
SIERRA	P1	CrossTie (Clover - Robinson 525kV Series C: 525	
SIERRA	P1	CrossTie (Clover - Robinson 525kV Series C: 525	
NORTHWEST	P1	Cascade - Harbor 230 kV	230
NORTHWEST	P1	Cascade - Big Eddy 525 kV	500
	P1	Cascade DC 500 kV (Harbor - Big Eddy)	500
LADWP	P1	G_026302SYNCOND-1U1	
LADWP	P1	G_026303SYNCOND-2U1	
PACE	P1	G_069160SYNCOND-1U1	
PACE	P1	G_069161SYNCOND-2U1	
PACE	P1	G_069162SYNCOND-3U1	
PACE	P1	G_069163SYNCOND-4U1	
PACE	P1	G_069164SYNCOND-5U1	
PACE	P1	G_069203NEVINS_EQGUEQ	
PACE	P1	G_069207SMITH_EQGUEQ	
PACE	P1	G_069211MCARTHY_EQGUEQ	
PACE	P1	G_069215PINEGRV_EQGUEQ	
PACE	P1	G_069217LS_SEVERSUEQ	
PACE	P1	G_069221LS_BASINUEQ	
LADWP, WAPA L.	P1	L_019038MEAD-026300TWE-NVC1	
LADWP, SOCALIF	P1	L_024042ELDORDO-026300TWE-NVC1	
LADWP	P1	L_026043INTERMT-026322TWE-IPP-PSTC1	
LADWP	P1	L_026043INTERMT-026322TWE-IPP-PSTC2	
LADWP	P1	L_026044MARKETPL-026300TWE-NVC1	
LADWP	P1	L_026048MCCULLGH-026300TWE-NVC1	
LADWP	P1	L_026313TWE-IPP-026317TWE-IPXC1	
LADWP	P1	L_026313TWE-IPP-026318TWE-IPPYC1	
LADWP	P1	L_026313TWE-IPP-026321TWE-IPP_SVCC1	
LADWP	P1	L_026325TWE-IPP-026326TWE-SC1AC1	
LADWP	P1	L_026326TWE-SC1A-026327TWE-SC1BC1	
LADWP	P1	L_026327TWE-SC1B-026328TWE-CRYSC1	
LADWP	P1	L_026328TWE-CRYS-026123CRYSTALC1	
LADWP	P1	L_026328TWE-CRYS-026396TWE-SC2AC1	
LADWP	P1	L_026396TWE-SC2A-026300TWE-NVC1	
PACE	P1	L_066240PLATTE-069111FERRISC1	
PACE	P1	L_067499LATHAM-069111FERRISC1	
PACE	P1	L_067795AEOLUS-069116TWE-WYC1	
PACE	P1	L_067795AEOLUS-069116TWE-WYC2	
PACE	P1	L_067797AEOANT&1-069116TWE-WYC1	
PACE	P1	L_067798AEMNC&1A-069116TWE-WYC1	
PACE	P1	L_069111FERRIS-069112TWE-WYC1	
PACE	P1	L_069112TWE-WY-069113TWE-WYXC1	
PACE	P1	L_069112TWE-WY-069114TWE-WYYC1	
PACE	P1	L_069112TWE-WY-069120TWE_TSRC1	
PACE	P1	L_069112TWE-WY-069200HS_NEVINSC1	
PACE	P1	L_069112TWE-WY-069204HS_SMITHC1	

PACE	P1	L_069112TWE-WY-069208HS_MCARHYC1
PACE	P1	L_069112TWE-WY-069212HS_PINEGRVC1
PACE	P1	L_069112TWE-WY-069216HS_SEVERSC1
PACE	P1	L_069112TWE-WY-069220HS_BASINC1
PACE	P1	L_069201LS_NEVINS-069202NEVINS_EQC1
PACE	P1	L_069205LS_SMITH-069206SMITH_EQC1
PACE	P1	L_069209LS_MCARHY-069210MCARHY_EQC1
PACE	P1	L_069213LS_PINEGRV-069214PINEGRV_EQC1
LADWP	P1	S_026313TWE-IPP1
LADWP	P1	S_026313TWE-IPP2
LADWP	P1	S_026313TWE-IPP3
LADWP	P1	S_026313TWE-IPP4
PACE	P1	S_069112TWE-WY1
PACE	P1	S_069112TWE-WY2
PACE	P1	S_069112TWE-WY3
PACE	P1	S_069112TWE-WY4
PACE	P1	S_069112TWE-WY5
PACE	P1	S_069112TWE-WY6
PACE	P1	S_069112TWE-WY7
LADWP	P1	T_026302SYNCOND-1-026313TWE-IPPC1
LADWP	P1	T_026303SYNCOND-2-026313TWE-IPPC1
LADWP	P1	T_026313TWE-IPP-026322TWE-IPP-PSTC1
LADWP	P1	T_026313TWE-IPP-026322TWE-IPP-PSTC2
LADWP	P1	T_026313TWE-IPP-026322TWE-IPP-PSTC3
LADWP	P1	T_026325TWE-IPP-026313TWE-IPPC1
PACE	P1	T_069112TWE-WY-069115TWE-STATCOMC1
PACE	P1	T_069116TWE-WY-069112TWE-WYC1
PACE	P1	T_069116TWE-WY-069112TWE-WYC2
PACE	P1	T_069160SYNCOND-1-069112TWE-WYC1
PACE	P1	T_069161SYNCOND-2-069112TWE-WYC1
PACE	P1	T_069162SYNCOND-3-069112TWE-WYC1
PACE	P1	T_069163SYNCOND-4-069112TWE-WYC1
PACE	P1	T_069164SYNCOND-5-069112TWE-WYC1
PACE	P1	T_069200HS_NEVINS-069201LS_NEVINS1
PACE	P1	T_069202NEVINS_EQ-069203NEVINS_EQGC1
PACE	P1	T_069204HS_SMITH-069205LS_SMITHC1
PACE	P1	T_069206SMITH_EQ-069207SMITH_EQGC1
PACE	P1	T_069208HS_MCARHY-069209LS_MCARHYC1
PACE	P1	T_069210MCARHY_EQ-069211MCARHY_EQGC1
PACE	P1	T_069212HS_PINEGRV-069213LS_PINEGRVC1
PACE	P1	T_069214PINEGRV_EQ-069215PINEGRV_EQGC1
PACE	P1	T_069216HS_SEVERS-069217LS_SEVERSC1
PACE	P1	T_069220HS_BASIN-069221LS_BASINC1
LADWP	P1	L_026396TWE-SC2A-026300TWE-NVC1 Bypass
LADWP	P1	L_026326TWE-SC1A-026327TWE-SC1BC1 Bypass
MONTANA	P1	LocoFalls - Broadview 525kV #1
MONTANA	P1	LocoFalls - Broadview 525kV #2

MONTANA	P1	LocoFalls - Great Falls 230kV
MONTANA	P1	LocoFalls - Townsend 525kV #1
MONTANA	P1	LocoFalls - Townsend 525kV #2
MONTANA	P1	LocoFalls 525/230kV
MONTANA	P1	Broadview - Townsend 525kV #1
MONTANA	P1	Broadview - Townsend 525kV #2