

List of Designated Network Resources (DNRs)

Transmission Provider: Western Area Power Administration (Upper Great Plains Region), Integrated System

Network Customer: Basin Electric Power Cooperative

Name of Resource	Geographic Location of DNR (closest city or county, state)	Electrical Location (name of Interconnection bus)	Nameplate Capacity (MW)	Amount of Capacity (MW) designated	On-System or Off-System	Delivery POR Associated with Resource	Originating Control Area	POD to TP's System	External Transmission Arrangements	Customer Rights to Off- System Resource (MW)	Notes
Antelope Valley Station #1	Beulah, ND	AVS 345-kV	460	460	ON	AVSLOS12	WAUE	na	na	na	
Antelope Valley Station #2	Beulah, ND	AVS 345-kV	460	460	ON	AVSLOS12	WAUE	na	na	na	(1)
Leland Olds Unit #1	Stanton, ND	LOS 230-kV	225	225	ON	AVSLOS12	WAUE	na	na	na	
Leland Olds Unit #2	Stanton, ND	LOS 345-kV	451	451	ON	AVSLOS12	WAUE	na	na	na	
Laramie River Station Unit #1	Wheatland, WY	LRS 345-kV	46.26	46.26	ON	LRS	WAUE	na	na	na	(2)
Spirit Mound Unit #1	Vermillion, SD	Spirit Mound 115-kV	60	60	ON	SPIRITMND	WAUE	na	na	na	
Spirit Mound Unit #2	Vermillion, SD	Spirit Mound 115-kV	60	60	ON	SPIRITMND	WAUE	na	na	na	
Stegall DC Tie (1)		Stegall 230-kV (East Bus)	107	107	OFF	SGE	WAUE	na	na	na	
George Neal Unit #4			33.14	33.14	OFF	NEAL3&4	MISO(MEC)	WAUE.MEC	MISO(MEC)	33.14	
Purchase from Western	na	na	269	269	ON	WAPAGENSEAST	WAUE	na	na	na	(3)
Purchase from Western	na	na	35	35	ON	WAPAGENSEAST	WAUE	na	na	na	(4)
Purchase from Western	na	na			ON	WAPAGENSEAST	WAUE	na	na	na	(5)
Purchase from Western	na	na			ON	WAPAGENSEAST	WAUE	na	na	na	(6)
Lake Platte Wind Units	Chamberlain, SD	Lake Platte 230-kV	4	4	ON	LAKEPLATTE	WAUE	na	na	na	
Minot Wind Units	Minot, ND	Mallard 115-kV	3	3	ON	MALLARD	WAUE	na	na	na	
Rosebud Wind Units		Rosebud Sioux	0.75	0.75	ON	Distribution	WAUE	na	na	na	
Groton CT Unit #1	Groton, SD	Groton 115-kV	120	120	ON	GROTON115	WAUE	na	na	na	
Groton CT Unit #2	Groton, SD	Groton 115-kV	120	120	ON	GROTON115	WAUE	na	na	na	
Waste Heat Plants (8)	NorthernBorder Pipeline	Various	44.4	44.4	ON	Various	WAUE	na	na	na	
Wisdom Unit #2	Spencer, IA	Spencer 161-kV	40	40	ON	SPENCER	WAUE	na	na	na	
ND 1 Wind Energy Center	Edgeley, ND	Edgeley 115-kV	40	40	ON	EDGELEY115	WAUE	na	na	na	
SD Wind Energy Center	Fort Thompson, SD	Fort Thompson 69-kV	40	40	ON	FTTHOMP	WAUE	na	na	na	
Total:				2618.55							

(1) Capacity designated 394 MW until 2/1/2010, 460 MW thereafter

(1) Laramie River Station Unit #2 and #3 on Western Interconnected System

(3) Winter season only, Western Generation Sources committed by contract 90-BAO-415 for delivery to Basin Electric thru 12/31/2020

(4) Western Generation Sources committed by contracts 99-UGPR-101,122,123,127,128,129,130,133,139,183,186,190,191,197,206,207,209,210,219, and 00-UGPR-14 for delivery to Basin Electric thru 12/31/2020

(5) Western Generation Sources committed by contract 96-UGPR-867 for Burleigh Water Users Cooperative

(6) Western Generation Sources committed by contract 96-UGPR-847 for Dicky Rural Water Users Association

Note: Some listed resources may be temporarily un-designated pursuant to the Transmission Provider's Designation & Termination of Network Resources business practice

List of Designated Network Resources (DNRs)

Transmission Provider: Western Area Power Administration (Upper Great Plains Region), Integrated System

Network Customer: City of East Grand Forks, MN

Name of Resource	Geographic Location of DNR (closest city or county, state)	Electrical Location (name of Interconnection bus)	Nameplate Capacity (MW)	Amount of Capacity (MW) designated	On-System or Off-System	Delivery POR Associated with Resource	Originating Control Area	POD to TP's System	External Transmission Arrangements	Customer Rights to Off- System Resource (MW)	Notes
MMPA	Minnesota	Various	na	6	OFF		MISO(NSP)	WAUE.NSP	MISO		6 (1)
			Total:	6							

(1) Minnesota Municipal Power Agency (MMPA) Generation Sources committed for delivery to the City of East Grand Forks, Minnesota load

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List of Designated Network Resources (DNRs)

Transmission Provider: Western Area Power Administration (Upper Great Plains Region), Integrated System

Network Customer: Heartland Consumers Power District

Name of Resource	Geographic Location of DNR (closest city or county, state)		Nameplate Capacity (MW)	Amount of Capacity (MW) designated	On-System or Off-System	Delivery POR Associated with Resource	Originating Control Area	POD to TP's System	External Transmission Arrangements	Customer Rights to Off-System Resource (MW)	Notes
	Electrical Location (name of Interconnection bus)										
Laramie River Station Unit #1	Wheatland, WY	Laramie River Station 345-kV	51	51	ON	LRS	WAUE	na	na	na	
Wessington Springs Wind	Wessington, SD	Wessington 230-kV	51	51	ON	WESSINGTON	WAUE	na	na	na	
Cooper Nuclear Station	Cooper, NE	Cooper 345-kV	45	45	OFF	COOPER	NPPD	WAUE.NPPD	NPPD		45
Wessington Springs Diesels	Wessington, SD	Wessington 230-kV	4	4	ON	WESSINGTON	WAUE	na	na	na	
Akron, IA Wind	Akron, IA	Rasmussen 230-kV	0.6	0.6	ON	RASMUSSEN	WAUE	na	na	na	
Howard, SD Wind	Howard, SD	VT Hanlon 230-kV	0.4	0.4	ON	VTHANLON	WAUE	na	na	na	
Wehlen Energy Center	Wehlen, NE				OFF		WAUE	WAUE.NPPD	NPPD		(1)
Total:				152							

(1) Under construction

Note: Some listed resources may be temporarily un-designated pursuant to the Transmission Provider's Designation & Termination of Network Resources business practice

List of Designated Network Resources (DNRs)

Transmission Provider: Western Area Power Administration (Upper Great Plains Region), Integrated System

Network Customer: Missouri River Energy Services

Name of Resource	Geographic Location of DNR (closest city or county, state)	Electrical Location (name of Interconnection bus)	Nameplate Capacity (MW)	Amount of Capacity (MW) designated	On-System or Off-System	Delivery POR Associated with Resource	Originating Control Area	POD to TP's System	External Transmission Arrangements	Customer Rights to Off- System Resource (MW)	Notes
Laramie River Station Unit #1	Wheatland, WY	Laramie River Station 345-kV	280.8	280.8	ON	LRS	WAUE	na	na	na	
Exira Units 1-3	Exira, SD	Exira 161-KV	140	140	ON	EXIRA	WAUE	na	na	na	
Watertown Power Plant	Watertown, SD	Watertown 115-kV	65	65	ON	WATERTOWN	WAUE	na	na	na	
Marshall CT Unit #6	Marshall, MN	Marshall 115-kV	19.98	19.98	OFF	MARSHALLMN	MISO(NSP)	na	EREPC	na	19.98
Denison Unit #1	Denison, IA	Denison 69-kV	2	2	ON	DENISON	WAUE	na	na	na	
Fort Pierre Units 1-3	Ft. Pierre, SD	Ft. Pierre 115-kV	6	6	ON	FTPIERRE	WAUE	na	na	na	
Luverne Unit #4C	Luverne, SD	Sioux Falls 115-kV	3.5	3.5	ON	SXFALLSSD	WAUE	na	L&O	na	
Moorhead Diesel Units	Moorhead, MN	Moorhead 230-kV	6.4	6.4	ON	MOORHEAD	WAUE	na	na	na	(1)
Rock Rapids Unit #1	Rock Rapids, IA	Pahoja 230-kV	2.5	2.5	OFF	PAHOJA	WAUE	na	L&O	na	
Lake Park Units 1-2	Lake Park, IA	Spencer 69-kV	4	4	OFF	SPENCER	WAUE	na	L&O	na	4

Total: 530.18

(1) Designated capacity increases to 11.0 MW in 2011

Note: Some listed resources may be temporarily un-designated pursuant to the Transmission Provider's Designation & Termination of Network Resources business practice

List of Designated Network Resources (DNRs)

Transmission Provider: Western Area Power Administration (Upper Great Plains Region), Integrated System

Network Customer: Xcel Energy Company (Northern States Power)

Name of Resource	Geographic Location of DNR (closest city or county, state)	Electrical Location (name of Interconnection bus)	Nameplate Capacity (MW)	Amount of Capacity (MW) designated	On-System or Off-System	Delivery POR Associated with Resource	Originating Control Area	POD to TP's System	External Transmission Arrangements	Customer Rights to Off- System Resource (MW)	Notes
NSP Generation Sources	Minnesota	na	na	1.2	OFF	Berthold, ND	NSP(MISO)	WAUE.NSP	NSP(MISO)	na	
			Total:	1.2							

Note: Some listed resources may be temporarily un-designated pursuant to the Transmission Provider's Designation & Termination of Network Resources business practice

List of Designated Network Resources (DNRs)

Transmission Provider: Western Area Power Administration (Upper Great Plains Region), Integrated System

Network Customer: Northwestern Energy Company (Montana NITS Agreement)

Name of Resource	Geographic Location of DNR (closest city or county, state)	Electrical Location (name of Interconnection bus)	Nameplate Capacity (MW)	Amount of Capacity (MW) designated	On-System or Off-System	Delivery POR Associated with Resource	Originating Control Area	POD to TP's System	External Transmission Arrangements	Customer Rights to Off- System Resource (MW)	Notes
Resources from PP&L	Montana	Various		30	30	OFF	RAINBOW	MPC	GREATFALLS	NWE	30 (1)
				Total:	30						

(1) Resources contracted by NWE1 from PacifiCorp Power & Light (PPL) per Docket No. D2001.10.144

Note: Some listed resources may be temporarily un-designated pursuant to the Transmission Provider's Designation & Termination of Network Resources business practice

List of Designated Network Resources (DNRs)

Transmission Provider: Western Area Power Administration (Upper Great Plains Region), Integrated System

Network Customer: Northwestern Energy Company (South Dakota NITS Agreement)

Name of Resource	Geographic Location of DNR (closest city or county, state)		Nameplate Capacity (MW)	Amount of Capacity (MW) designated	On-System or Off-System	Delivery POR Associated with Resource	Originating Control Area	POD to TP's System	External Transmission Arrangements	Customer Rights to Off-System Resource	Notes
	Electrical Location (name of Interconnection bus)									(MW)	
Big Stone	Big Stone, MN	Big Stone 230-kV	110.2	110.2	OFF	BIGSTONE	MISO(OTP)	WAUE.OTP	MISO(OTP)	110.2 (1)	
Coyote	North Dakota	Coyote 345-kV	42.7	42.7	OFF	COYOTE	MISO(OTP)	WAUE.OTP	MISO(OTP)	42.7 (2)	
Neal Unit #4	Neal, IA	Raun 345-kV	56	56	OFF	NEAL34	MISO(MEC)	WAUE.MEC	MISO(MEC)	56 (3)	
Webster Diesels 1-2	Webster, SD	Groton 115-kV	2.7	2.7	ON	GROTON115	WAUE	na	na	na	
Aberdeen CT	Aberdeen, SD	Aberdeen(Seibrecht) 115kV	28	28	ON	ABERDEEN	WAUE	na	na	na	
Huron CT 1-2	Huron, SD	Huron (West Park) 115-kV	63.5	63.5	ON	HURONWP	WAUE	na	na	na	
Highmore Diesel 1-3	Highmore, SD	Huron (West Park) 115-kV	4.6	4.6	ON	HURONWP	WAUE	na	na	na	
Mobile Diesel 1-2	Huron, SD	Huron (West Park) 115-kV	2.3	2.3	ON	HURONWP	WAUE	na	na	na	
Yankton Diesel 1-4	Yankton, SD	Yankton Jct 115-kV	13.5	13.5	ON	YANKTONJCT	WAUE	na	na	na	
Clark Diesel #1	Clark, SD	Redfield 115-kV	2.7	2.7	ON	REDFIELD	WAUE	na	na	na	
Faulkton Diesel #1	Faulkton, SD	Redfield 115-kV	2.7	2.7	ON	REDFIELD	WAUE	na	na	na	
Redfield Diesel 1-3	Redfield, SD	Redfield 115-kV	3.9	3.9	ON	REDFIELD	WAUE	na	na	na	
			Total:	332.8							

(1) 23.4% of joint owned plant

(2) 10.0% of joint owned plant

(3) 8.681% of joint owned plant

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List of Designated Network Resources (DNRs)

Transmission Provider: Western Area Power Administration (Upper Great Plains Region), Integrated System

Network Customer: Southern Montana Electric G&T

Name of Resource	Geographic Location of DNR (closest city or county, state)	Electrical Location (name of Interconnection bus)	Nameplate Capacity (MW)	Amount of Capacity (MW) designated	On-System or Off-System	Delivery POR Associated with Resource	Originating Control Area	POD to TP's System	External Transmission Arrangements	Customer Rights to Off- System Resource (MW)	Notes
BPA Generation Source	Oregon	na	na	5	OFF		BPA	CROSSOVER	BPA,Northwestern	5	(1)
			Total:	5							

(1) Capacity Purchase from Bonneville Power Administration (BPA) committed by Contract No. 04PB11446 for delivery to SME (Through 06/30/2017)

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List of Designated Network Resources (DNRs)

Transmission Provider: Western Area Power Administration (Upper Great Plains Region), Integrated System

Network Customer: Western UGPR Merchant

Name of Resource	Geographic Location of DNR (closest city or county, state)		Nameplate Capacity (MW)	Amount of Capacity (MW) designated	On-System or Off-System	Delivery POR Associated with Resource	Originating Control Area	POD to TP's System	External Transmission Arrangements	Customer Rights to Off-System Resource (MW)	Notes
	Electrical Location (name of Interconnection bus)										
Yellowtail Units 3 & 4	Hardin, MT	Yellowtail 230-kV	144	144	ON	YTW	WACM	na	na	na	
Canyon Ferry Units 1-3	Helena, MT	Canyon Ferry 100-kV	59	59	OFF	GREATFALLS	MPC	GREATFALLS	GF agree w/MPCO	na	59
Fort Peck Units 1-2	Fort Peck, MT	Fort Peck 161-kV	70	70	ON	FTPECK	WAUW	na	na	na	
Fort Peck Units 3-5	Fort Peck, MT	Fort Peck 230-kV	148	148	ON	AVSLOS12	WAUE	na	na	na	
Garrison Units 1-5	Riverdale, ND	Garrison 230-kV, 115-kV	510	510	ON	GARRISON	WAUE	na	na	na	
Oahe Units 1-7	Pierre, SD	Oahe 230-kV, 115-kV	714	714	ON	OAHE	WAUE	na	na	na	
Big Bend Units 1-8	Fort Thompson, SD	Big Bend 230-kV	520	520	ON	BIGBEND	WAUE	na	na	na	
Fort Randall Units 1-7	Pickstown, SD	Fort Randall 230-kV	360	360	ON	FTRANDALL	WAUE	na	na	na	
Gavins Point Units 1-3	Yankton, SD	Gavins Point 115-kV	102	102	OFF	GAVINSPT	WAUE	na	na	na	
Total:				2627							

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