

West Central Planning Zone Available Generation Capacity

Available Generation Capacity at indicated bus.
Each load is listed for only one source bus.
All information

A 1115 MVA load on bus + MVA rating of transformer (not in model: 70% of load if unknown)
B 2245 MVA transformer loading * 70% + MVA rating of transformer (subsystem in model)
C 226 MVA transformer loading * 70% + MVA rating of transformer (subsystem not in model)
total: 3585

Bus#	Bus Name	type	AGC	Load	load on bus (type A)					OR	transformer loading				notes	
					(type A)						(type B or C)					
					MW	MVA _r	MVA	rating	total		MVA	* 0.7	rating	total		
63222	'ALEXAND7'	A	48	63222 'ALEXAND7'	19	3	20	<u>28</u>	48		0	0	0	0		
67454	'ALEXPLDM'	A	40	67454 'ALEXPLDM'	22	9	23	16	40		0	0	0	0		
67461	'ALEXSOU M'	A	21	67461 'ALEXSOU M'	11	6	12	9	21		0	0	0	0		
67453	'ALEXSWM '	A	26	67453 'ALEXSWM '	15	5	15	11	26		0	0	0	0		
63217	'APPLETN7'	A	52	63217 'APPLETN7'	7	3	7	<u>45</u>	52		0	0	0	0		
62001	'BENSON 7'	A	12	62001 'BENSON 7'	7	1	7	5	12		0	0	0	0		
62013	'BENSON 9'	B	44	62013 'BENSON 9'	23	5	24	17	40		21	15	29	44		
				62015 'GLCHRST9'	1	0	1	1	2							
				62014 'SWIFTFL9'	2	0	2	1	3							
				total:	26	18	45									
62297	'BENTON 8'	B	112	62297 'BENTON 8'	0	0	0	0	0		41	28	84	112		
				62102 'CABLE 8'	4	-1	4	3	8							
				62277 'DUELM 8'	5	1	5	4	9							
				62272 'GILMAN 8'	6	1	6	4	10							
				62281 'MAYHEW 8'	10	2	10	7	17							
				62300 'MINDEN 8'	3	1	3	2	6							
				62287 'OAKPARK8'	3	1	3	2	5							
				62289 'PIPE 2 8'	4	1	4	3	7							
				62939 'SILVERC8'	10	2	10	7	17							
				62122 'WESTEND8'	13	1	13	9	23							
				total:	59	42	101									
62617	'BIGSWAN8'	B	65	62617 'BIGSWAN8'	0	0	0	0	0		27	19	47	65		
				60739 'DASSEL 8'	3	1	3	2	5							
				62621 'DASSEL 8'	5	1	5	3	8							
				62623 'LTCHFLD8'	7	1	7	5	12							
total:	15	10	25													
67455	'BRANDN 9'	C	42	67455 'BRANDN 9'	12	1	12	8	20		12	8	34	42		
63289	'CORRELL7'	A	1	63289 'CORRELL7'	0	0	0	<u>1</u>	1		0	0	0	0		
60652	'CROWRV 8'	B	148	60652 'CROWRV 8'	0	0	0	0	0		51	36	112	148		
				60737 'COKATO 8'	5	1	6	4	9							
				60736 'HOWRDLK8'	5	1	5	4	9							
				60734 'MONTRSE8'	6	1	6	4	11							
				62595 'SHERMAN8'	2	0	2	1	4							
				60735 'WAVERLY8'	1	0	1	1	2							
				60932 'WINSTED8'	4	0	4	3	7							
total:	24	17	41													

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total: 3585

Bus#	Bus Name	type	AGC	Load	load on bus (type A)					OR	transformer loading				notes
					MW	MVA	rating	total	(type A)		MVA * 0.7	rating	total		
63030	'DICKNSN3'	A	17	63030 'DICKNSN3'	10	0	10	7	17		0	0	0	0	
60749	'DGLAS C8'	B	80	60749 'DGLAS C8'	10	3	10	7	17		47	33	47	80	
				62756 'LEVEN 8'	2	0	2	1	3						
				62755 'OMMEN 8'	2	0	2	1	4						
				60750 'OSAKIS 8'	3	1	3	2	5						
				60751 'SAUKCMU8'	12	5	13	9	22						
				60747 'VILLARD8'	5	1	5	3	8						
				62820 'W UNION8'	3	0	3	2	4						
				60748 'WESTPRT8'	0	0	0	0	1						
				total:			38	26	64						
62947	'DICKIN 8'	B	112	62947 'DICKIN 8'	1	0	1	1	2		40	28	84	112	
				62930 'CORCORN8'	18	4	18	13	31						
				62936 'MARY LK8'	8	2	8	6	14						
				62950 'ROCKFRD8'	10	2	10	7	17						
				total:			37	26	63						
63224	'DUMONT 7'	A	3	63224 'DUMONT 7'	1	1	1	<u>2</u>	3		0	0	0	0	
63220	'ELBOWLK7'	A	48	63220 'ELBOWLK7'	14	3	14	<u>34</u>	48		0	0	0	0	
62134	'ELKR14S8'	B	368	62134 'ELKR14S8'	0	0	0	0	0		184	129	239	368	
				62929 'ALBERTV8'	8	2	8	6	14						
				60712 'ANNDAL8'	8	2	8	5	13						
				62099 'BALDWIN8'	8	1	8	6	14						
				62100 'BIG LAK8'	14	2	14	10	24						
				62948 'BLACKLK8'	5	1	5	3	8						
				62966 'ELKREST8'	16	3	16	11	28						
				62968 'ELKRNT8'	3	1	3	2	6						
				62965 'ELKRWS18'	16	3	16	11	27						
				62967 'ELKRWS28'	16	3	16	11	27						
				62932 'GOOSELK8'	8	2	8	6	14						
				60765 'MAPLELK8'	2	0	2	2	4						
				62935 'MAPLELK8'	5	1	5	4	9						
				62938 'OTSEGO 8'	9	2	10	7	16						
				62155 'PRINCID8'	6	1	6	4	11						
				62136 'REMMELE8'	9	2	9	6	15						
				62119 'THOMPLK8'	11	1	11	8	19						
				62124 'ZIMERMN8'	21	3	21	15	36						
				total:			167	117	284						
60728	'FRANKLN8'	B	130	60728 'FRANKLN8'	7	2	7	5	13		52	36	94	130	
				60770 'BIRCH R8'	1	0	1	1	2						
				60769 'CAIRO R8'	2	0	2	2	4						
				60727 'FARFXNU8'	3	1	3	2	6						
				total:			14	10	24						
62819	'FSCHRHL7'	A	8	62819 'FSCHRHL7'	5	1	5	3	8		0	0	0	0	
60899	'GLNCOMU8'	B	80	60899 'GLNCOMU8'	22	4	22	16	38		14	10	70	80	
				total:			22	16	38						
62004	'GRACEV 7'	A	42	62004 'GRACEV 7'	8	0	8	<u>34</u>	42		0	0	0	0	

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C 226 MVA transformer loading * 70% + MVA rating of transformer (subsystem not in model)
total: 3585

Bus#	Bus Name	type	AGC	Load	load on bus (type A)					OR	transformer loading				notes
					(type A)						(type B or C)				
					MW	MVA	MVA	rating	total		MVA	* 0.7	rating	total	
60146	'GRANCTY7'	A	140	60146 'GRANCTY7'	81	16	82	58	140		0	0	0	0	
62983	'HUTCH3M7'	A	29	62983 'HUTCH3M7'	17	3	17	12	29		0	0	0	0	
62986	'HUTCHMN8'	B	117	62986 'HUTCHMN8'	0	0	0	0	0		49	34	83	117	
	62602 'BELL 8'				5	1	5	3	8						
	62587 'HELEN 8'				5	1	6	4	9						
	62933 'HIGHLND8'				4	1	4	3	7						
	62601 'HOOK LK8'				4	1	4	3	7						
	62934 'HOWARDL8'				6	1	6	4	11						
	62988 'HTCHHTI8'				11	2	11	8	18						
	62984 'HUTCHPT8'				31	6	32	22	54						
	62630 'LK JNN 8'				1	0	1	1	2						
	62586 'WINTHRP8'				3	0	3	2	4						
				total:			71	50	121						
62815	'I94PARK7'	A	9	62815 'I94PARK7'	5	1	5	4	9		0	0	0	0	
62006	'KERKHO 7'	A	14	62006 'KERKHO 7'	4	0	4	10	14		0	0	0	0	
63113	'MARIETT9'	C	11	63113 'MARIETT9'	2	0	2	10	12		2	1	10	11	
62038	'MARSHLK9'	C	15	62038 'MARSHLK9'	3	-1	3	2	6		3	2	13	15	
60165	'MEI INT7'	A	41	60165 'MEI INT7'	23	5	24	17	41		0	0	0	0	
62773	'MILTONA9'	C	44	62773 'MILTONA9'	19	3	19	13	33		20	14	30	44	
60683	'MINNVAL8'	B	126	60683 'MINNVAL8'	6	1	6	4	10		46	32	94	126	
	60679 'CROOKS 8'				2	0	2	2	4						
	60695 'DANUBE 8'				1	0	1	1	2						
	60680 'EMMET R8'				2	0	2	1	3						
	60689 'FIESTAC8'				12	2	12	9	21						
	60688 'MNTVDEO8'				8	2	8	6	14						
	60694 'RENVILL8'				3	1	3	2	5						
	60693 'SACRDHT8'				2	0	2	2	4						
				total:			37	26	62						
60690	'MNARDTP8'	B	53	60690 'MNARDTP8'	14	3	14	10	24		8	6	47	53	
				total:			14	10	24						
63218	'MOROTP 7'	A	21	63218 'MOROTP 7'	8	4	9	12	21		0	0	0	0	
66318	'MORRIS 9'	C	28	66318 'MORRIS 9'	4	0	4	3	7		4	3	25	28	
63288	'ODESSA 7'	A	3	63288 'ODESSA 7'	1	0	1	3	3		0	0	0	0	
63116	'ORTONVL9'	C	32	63116 'ORTONVL9'	13	6	14	22	37		15	10	22	32	
63287	'ORTQUAR7'	A	3	63287 'ORTQUAR7'	1	0	1	3	3		0	0	0	0	
60742	'PANTHER8'	B	107	60742 'PANTHER8'	0	0	0	0	0		53	37	70	107	
	62624 'ATWATER8'				5	1	5	3	8						
	60718 'BIRDISL8'				2	0	2	2	4						
	62593 'BROOKFD8'				1	0	1	1	2						
	60697 'BUFLOLK8'				2	0	2	1	3						

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total: 3585

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					(type A)					(type B or C)				
					MW	MVA	rating	total		MVA * 0.7	rating	total		
				62618 'CEDARML8'	2	0	2	2	4					
				62626 'COSMOS 8'	1	0	1	1	2					
				62999 'GROVECY8'	2	0	2	1	3					
				62592 'HECTOR 8'	1	0	1	1	2					
				60696 'HECTOR 8'	6	1	6	5	11					
				60733 'HENRY R8'	1	0	1	1	2					
				60682 'KNGMN R8'	2	0	2	1	3					
				60741 'LKLILLN8'	3	1	3	2	4					
				60869 'OLIVIAC8'	9	2	9	6	16					
				60870 'OLIVIAM8'	3	1	3	2	5					
				62600 'PRSTNLK8'	2	0	2	1	3					
				62625 'ROSENDL8'	1	0	1	1	2					
				60698 'STEWART8'	1	0	1	1	2					
				60681 'TROY R8'	1	0	1	1	2					
				62591 'YELLWST8'	3	0	3	2	5					
				total:		49	34	83						
60760	'PAYNES 8'	B	155	60760 'PAYNES 8'	0	0	0	0	0	88	61	94	155	
				62825 'BANGOR 8'	2	0	2	1	3					
				60743 'BELGRAD8'	2	0	2	1	3					
				60744 'BROOTEN8'	4	1	4	3	7					
				62827 'CROW LK8'	2	0	2	2	4					
				60686 'E MELRO8'	16	3	16	11	27					
				62823 'ELROSA 8'	4	0	4	3	6					
				62757 'GLENWD 8'	2	0	2	1	3					
				60746 'GLENWD 8'	13	3	14	9	23					
				62847 'GROVE 8'	3	0	3	2	6					
				62821 'KANDOTA8'	4	0	4	3	7					
				62009 'LKJOHNA8'	1	0	1	1	2					
				60753 'MEIRGRV8'	1	0	1	1	2					
				60754 'MELRSMU8'	2	0	2	1	3					
				62836 'MUNSON 8'	4	1	4	3	6					
				62834 'ROSCOE 8'	3	1	3	2	5					
				60745 'SEDAN 8'	0	0	0	0	0					
				62848 'ZION 8'	2	0	2	1	3					
				total:		65	46	111						
60702	'PAYNES19'	C	40	60702 'PAYNES19'	30	6	30	21	51	32	22	18	40	
60155	'PULASKI7'	A	67	60155 'PULASKI7'	39	8	39	28	67	0	0	0	0	
60763	'PULASKI8'	B	107	60763 'PULASKI8'	0	0	0	0	0	53	37	70	107	
				60713 'BECKER 8'	10	2	10	7	18					
				60762 'BUFALOM8'	22	4	22	15	38					
				60764 'LINN ST8'	18	4	18	13	31					
				total:		51	35	86						
60166	'SALIDA 7'	A	7	60166 'SALIDA 7'	4	1	4	3	7	0	0	0	0	
60154	'SAUK RV7'	A	59	60154 'SAUK RV7'	34	6	35	24	59	0	0	0	0	
62816	'STAUGST7'	A	9	62816 'STAUGST7'	5	1	5	4	9	0	0	0	0	
60157	'STCLOUD7'	A	123	60157 'STCLOUD7'	71	14	72	51	123	0	0	0	0	
60161	'STREGIS7'	A	134	60161 'STREGIS7'	77	16	79	55	134	0	0	0	0	

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total: 3585

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					(type A)						(type B or C)				
					MW	MVA	rating	total		MVA	* 0.7	rating	total		
63294	'TRAVWHE7'	A	2	63294 'TRAVWHE7'	1	0	1	1	2		0	0	0	0	
60717	'WAKEFLD8'	B	104	60717 'WAKEFLD8'	0	0	0	0	0		48	34	70	104	
	62830 'ALBANY 8'				3	0	3	2	5						
	60756 'ALBANY 8'				8	2	8	6	13						
	62840 'BIGFISH8'				3	0	3	2	5						
	60707 'BLUEHRN8'				8	2	8	5	13						
	62845 'FAIRHVN8'				4	0	4	3	6						
	62838 'FARMING8'				3	0	3	2	5						
	60755 'FREEPRT8'				2	0	2	1	3						
	60704 'KIMBALL8'				1	0	2	1	3						
	62622 'KINGSTN8'				4	1	4	3	6						
	62844 'LUXMBRG8'				3	1	3	2	5						
	62828 'MILLWD 8'				4	0	4	3	6						
	60711 'RICHMND8'				3	1	3	2	6						
	60761 'SOUTHVN8'				0	0	0	0	1						
	60703 'WATKINS8'				1	0	1	1	2						
	62620 'WATKINS8'				3	0	3	2	5						
					total:	51	36	87							
60706	'WAKEFLD9'	C	14	60706 'WAKEFLD9'	5	1	5	4	9		6	4	10	14	
62002	'WALDEN 7'	A	33	62002 'WALDEN 7'	11	1	11	<u>22</u>	33		0	0	0	0	
62814	'WESTWD 7'	A	9	62814 'WESTWD 7'	5	1	5	4	9		0	0	0	0	
63225	'WHEATNS7'	A	15	63225 'WHEATNS7'	3	1	3	<u>12</u>	15		0	0	0	0	
62427	'WILLMAR8'	B	272	62427 'WILLMAR8'	4	1	4	2	6		109	76	196	272	
	62436 'GREENLK8'				2	0	2	1	3						
	62431 'HAWICK 8'				4	0	4	3	6						
	62432 'KANDYOH8'				10	1	10	7	17						
	61912 'LITCHFLD'				26	7	27	19	46						
	62434 'PR WDS 8'				4	1	4	3	6						
	62430 'SUNBURG8'				5	0	5	4	9						
	62433 'SVEA 8'				4	0	4	3	7						
	62995 'WILMR E8'				12	2	12	8	21						
	62990 'WILMRMN8'				35	4	35	25	60						
	62992 'WILMRSO8'				22	3	22	16	38						
	62991 'WILMRSW8'				4	0	4	3	7						
					total:	133	93	226							
60732	'WST CLD8'	B	65	60732 'WST CLD8'	0	0	0	0	0		26	18	47	65	
	60757 'AVON 8'				5	1	5	4	9						
	62832 'BROCKWY8'				4	1	4	3	7						
	60758 'JOHNS U8'				2	0	2	2	4						
	62842 'LESAUK 8'				6	1	6	4	10						
	60759 'STJOSPH8'				4	1	4	3	8						
	62833 'STSTPHN8'				5	0	5	3	8						
	61189 'WATAB 8'				1	0	2	1	3						
					total:	28	19	47							
60164	'XRDS 7'	A	80	60164 'XRDS 7'	46	9	47	33	80		0	0	0	0	

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