

# Southwest Planning Zone

## Available Generation Capacity

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

**A** 177 MVA load on bus + **MVA rating of transformer** (not in model: 70% of load if unknown)  
**B** 949 MVA transformer loading \* 70% + MVA rating of transformer (subsystem in model)  
**C** 56 MVA transformer loading \* 70% + MVA rating of transformer (subsystem not in model)  
**total: 1182**

Bus#	Bus Name	type	AGC	Load	load on bus (type A)					OR	transformer loading (type B or C)				notes
					MW	MVAr	MVA	rating	total		MVA * 0.7	rating	total		
63111	'CANBY 9'	<b>C</b>	40	63111 'CANBY 9'	19	1	19	13	32		19	13	27	40	
34223	'ELK 8'	<b>B</b>	99	34223 'ELK 8'	0	0	0	0	0		50	35	64	99	
				62720 'WRTHNGGR'	4	1	4	3	6		0	0	0	0	
				34245 'WRTHMN28'	18	6	19	13	32		0	0	0	0	
				34218 'WORTHMN8'	27	9	29	20	49		0	0	0	0	
				62717 'FULDA '	2	0	2	1	4		0	0	0	0	
				34219 'FULDA J8'	3	1	3	2	6		0	0	0	0	
				62724 'BLOOM '	1	0	1	1	2		0	0	0	0	
				<b>total:</b>			<b>58</b>	<b>41</b>	<b>99</b>						
62712	'ELLSBOR7'	<b>A</b>	2	62712 'ELLSBOR7'	1	0	1	1	2		0	0	0	0	
60371	'ERIE RD7'	<b>A</b>	68	60371 'ERIE RD7'	39	8	40	28	68		0	0	0	0	
34012	'FOXLAKE8'	<b>B</b>	161	34012 'FOXLAKE8'	0	0	0	0	0		75	53	108	161	
				62374 'WELCOME8'	3	1	3	2	5		0	0	0	0	
				62372 'HARVSTA8'	1	0	1	0	1		0	0	0	0	
				62358 'CEYLON '	2	0	2	1	3		0	0	0	0	
				62361 'WILBERT '	2	1	2	2	4		0	0	0	0	
				62356 'EAST CHN'	2	0	2	1	4		0	0	0	0	
				62325 'BLUE EAR'	2	0	2	1	3		0	0	0	0	
				34244 'SHERBRN8'	2	0	2	1	4		0	0	0	0	
				62795 'SHERBNGR'	2	0	2	1	3		0	0	0	0	
				34243 'TRIMONT8'	2	0	2	2	4		0	0	0	0	
				62794 'TRIMNTGR'	2	0	2	1	3		0	0	0	0	
				62792 'ODIN '	2	0	2	1	3		0	0	0	0	
				62806 'ECHOLS 8'	1	0	1	1	2		0	0	0	0	
				62805 'STJAMES8'	2	0	2	2	4		0	0	0	0	
				60709 'STJMSMU8'	11	4	12	8	20		0	0	0	0	
				60935 'BUTRFLD8'	1	0	1	1	2		0	0	0	0	
				62362 'DUNNEL '	2	0	2	1	4		0	0	0	0	
				62364 'MIDLETWN'	3	1	3	2	5		0	0	0	0	
				62803 'SVEADHL8'	1	0	1	1	2		0	0	0	0	
				<b>total:</b>			<b>44</b>	<b>31</b>	<b>75</b>						
34225	'HERONLK8'	<b>B</b>	150	34225 'HERONLK8'	2	0	2	1	4		54	38	112	150	
				62355 'MILOMA '	1	0	1	1	2		0	0	0	0	
				62370 'W LAKFLD'	2	0	2	1	3		0	0	0	0	
				62369 'ROUND LK'	3	1	3	2	6		0	0	0	0	
				62357 'MINNEOTA'	1	0	1	1	2		0	0	0	0	
				34221 'DOVRAY 8'	0	0	0	0	1		0	0	0	0	
				34222 'WESTBKM8'	2	1	2	1	4		0	0	0	0	
				34224 'WESTBRK8'	2	1	2	1	4		0	0	0	0	
				62801 'S STORDN'	2	0	2	1	3		0	0	0	0	
				34226 'STORDEN8'	1	0	1	1	2		0	0	0	0	
				62790 'JEFFERS '	2	0	2	1	3		0	0	0	0	

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total: 1182

Bus#	Bus Name	type	AGC	Load	load on bus (type A)				OR	transformer loading				notes
					(type A)					(type B or C)				
					MW	MVAr	MVA rating	total		MVA	* 0.7 rating	total		
				62800 'N STORDN'	1	0	1	1	2		0	0	0	0
				34227 'LAMBRTN8'	4	0	4	3	6		0	0	0	0
				62734 'COTTONWD'	1	0	1	1	2		0	0	0	0
				34228 'WABASSO8'	3	0	3	2	5		0	0	0	0
				62730 'JOHNSONV'	1	0	1	1	1		0	0	0	0
				62731 'WANDA '	1	0	1	1	2		0	0	0	0
				62732 'SUNDOWN '	1	0	1	1	2		0	0	0	0
				62733 'BROOKVIL'	1	0	1	1	2		0	0	0	0
				34229 'SPRINGM8'	17	3	17	12	29		0	0	0	0
				62074 'COBDEN 8'	1	0	1	1	1		0	0	0	0
				34246 'JACKSNM8'	3	1	4	3	6		0	0	0	0
				34242 'JACKN M8'	8	3	8	6	14		0	0	0	0
				62366 'ENTRPRIS'	2	0	2	2	4		0	0	0	0
				<b>total:</b>			<b>64</b>	<b>45</b>	<b>109</b>					
34005	'HRN LK 5'	<b>A</b>	<b>2</b>	34005 'HRN LK 5'	1	0	1	1	2		0	0	0	0
34241	'LKFLD698'	<b>B</b>	<b>110</b>	34241 'LKFLD698'	0	0	0	<b>0</b>	0	50	35	75	110	
				34235 'LAKFLDM8'	4	1	4	3	7		0	0	0	0
				62360 'WILDER '	2	0	2	1	3		0	0	0	0
				34233 'WINDMMU8'	23	6	24	17	41		0	0	0	0
				62788 'LAKESD 8'	5	1	5	3	8		0	0	0	0
				62797 'BINGHMLK'	1	0	1	1	2		0	0	0	0
				34232 'BATLAKE8'	0	0	1	0	1		0	0	0	0
				34231 'MT LAKE8'	5	1	5	4	9		0	0	0	0
				62796 'CPA MTLK'	2	0	2	2	4		0	0	0	0
				34230 'COMFREY8'	1	0	1	1	2		0	0	0	0
				62065 'DOTSON '	1	0	1	1	2		0	0	0	0
				<b>total:</b>			<b>46</b>	<b>32</b>	<b>78</b>					
60853	'LK YANK8'	<b>C</b>	<b>16</b>	60853 'LK YANK8'	1	0	1	1	2		1	1	15	16
				<b>total:</b>			<b>1</b>	<b>1</b>	<b>2</b>					
60903	'LYON CO8'	<b>B</b>	<b>77</b>	60903 'LYON CO8'	0	0	0	0	0		11	7	70	77
				<b>total:</b>			<b>0</b>	<b>0</b>	<b>0</b>					
34215	'MAGNLIA8'	<b>B</b>	<b>70</b>	34215 'MAGNLIA8'	8	1	8	5	13		20	14	56	70
				62719 'ADRIANGR'	2	0	2	1	3		0	0	0	0
				34216 'ADRIANM8'	3	1	3	2	5		0	0	0	0
				62718 'RUSHMORE'	3	0	3	2	4		0	0	0	0
				34893 'SIBLEY '	11	3	11	8	19		0	0	0	0
				34239 'MAGNLIA9'	2	0	2	2	4		0	0	0	0
				62723 'LISMORE '	3	0	3	2	5		0	0	0	0
				34304 'LISMORE9'	1	0	1	0	1		0	0	0	0
				34282 'WILMONT9'	1	0	1	1	1		0	0	0	0
				34247 'KENNETH9'	0	0	0	0	0		0	0	0	0
				<b>total:</b>			<b>33</b>	<b>23</b>	<b>56</b>					
60170	'MARSHAL7'	<b>A</b>	<b>24</b>	60170 'MARSHAL7'	14	3	14	10	24		0	0	0	0
66552	'MARS ER7'	<b>A</b>	<b>28</b>	66552 'MARS ER7'	16	6	17	12	28		0	0	0	0
60683	'MINNVAL8'	<b>B</b>	<b>126</b>	60683 'MINNVAL8'	6	1	6	4	10		46	32	94	126
				60687 'BUSH PK8'	4	1	5	3	8		0	0	0	0
				60693 'SACRDHT8'	2	0	2	2	4		0	0	0	0
				60691 'GRNFLCY8'	4	1	4	3	7		0	0	0	0

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total: 1182

Bus#	Bus Name	type	AGC	Load	load on bus (type A) (type A)				OR	transformer loading (type B or C)				notes	
					MW	MVAr	MVA rating	total		MVA * 0.7	rating	total			
					<b>total:</b>	<b>17</b>	<b>12</b>	<b>29</b>							
60860	'PIPESTN8'	<b>B</b>	<b>58</b>	60860 'PIPESTN8'	13	3	13	9	23		11	8	50	58	
				60852 'ROCKRIV8'	3	1	3	2	5		0	0	0	0	
				61191 'S RIDGE8'	3	1	3	2	5		0	0	0	0	
				62710 'CHANDLR8'	0	0	0	0	1		0	0	0	0	
				62715 'LKWILSN8'	1	0	1	1	2		0	0	0	0	
				60858 'HADLEY 8'	1	0	1	1	2		0	0	0	0	
				60857 'SLAYTON8'	4	1	4	3	6		0	0	0	0	
				62716 'SLAYTN 8'	2	0	2	1	3		0	0	0	0	
				62714 'CURRIE 8'	2	0	2	1	3		0	0	0	0	
				62738 'MILROY 8'	1	0	1	1	2		0	0	0	0	
				62740 'WALNUTG8'	1	0	1	1	2		0	0	0	0	
				60855 'TRACYSW8'	2	0	2	1	4		0	0	0	0	
				62711 'LKSARAH8'	2	0	2	1	3		0	0	0	0	
				60684 'YELWMED8'	5	1	5	4	9		0	0	0	0	
					<b>total:</b>	<b>41</b>	<b>29</b>	<b>69</b>							
61934	'RUTLAND '	<b>B</b>	<b>99</b>	61934 'RUTLAND '	0	0	0	0	0		35	24	75	99	
				61942 '10TH STR'	39	10	41	28	69		0	0	0	0	
				62373 'TRUMAN 8'	4	0	4	2	6		0	0	0	0	
				34248 'TRUMANM8'	3	1	3	2	6		0	0	0	0	
				34249 'TRUMAN 8'	1	0	1	1	2		0	0	0	0	
				62789 'LEWISVL8'	2	0	2	1	3		0	0	0	0	
				34250 'LEWISVL8'	1	0	1	1	1		0	0	0	0	
				62802 'MADELIA '	2	0	2	2	4		0	0	0	0	
				34252 'HANSKA 8'	1	1	2	1	3		0	0	0	0	
				62064 'SEARLES8'	4	1	4	3	7		0	0	0	0	
				60716 'STJ EAS8'	4	2	5	3	8		0	0	0	0	
				62068 'ALBIN '	2	0	2	1	4		0	0	0	0	
				62066 'LVNWORTH'	1	0	1	1	2		0	0	0	0	
				60701 'MADELVL8'	7	1	7	5	11		0	0	0	0	
					<b>total:</b>	<b>74</b>	<b>52</b>	<b>125</b>							
60372	'SARATOG7'	<b>A</b>	<b>32</b>	60372 'SARATOG7'	18	4	19	13	32		0	0	0	0	
60373	'SOUTH E7'	<b>A</b>	<b>21</b>	60373 'SOUTH E7'	12	3	12	9	21		0	0	0	0	

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