

**\*\*Denotes Highly Confidential\*\***  
**On-System F&PP Summary**  
**Missouri Rate Case Run**

SCHEDULE TWT-7

	<b>F &amp;PP Cost</b>		<b>(\$000)</b>		<b>Starts</b>	<b>Hours</b>	<b>GBTU</b>	<b>Avg HR</b>
	<b>GWH</b>	<b>CF</b>	<b>Incl</b>	<b>Start</b>	<b>\$/MWH</b>			
Asbury 1	1,164.34	70.3%	30,260.38	25.99	13	7,454	13,055.55	11,213
Asbury 2	0.12	0.1%	4.93	41.93	3	17	2.15	18,258
<b>Total Asbury</b>	<b>1,164.46</b>	<b>64.2%</b>	<b>30,265.31</b>	<b>25.99</b>	<b>16</b>	<b>7,471</b>	<b>13,057.70</b>	<b>11,214</b>
latan 1	531.82	71.4%	9,724.43	18.29	13	7,370	5,347.22	10,055
latan 2	690.96	77.3%	11,536.54	16.70	12	7,398	6,372.02	9,222
<b>Total latan</b>	<b>1,222.78</b>	<b>73.8%</b>	<b>21,260.97</b>	<b>17.39</b>	<b>25</b>	<b>14,768</b>	<b>11,719.24</b>	<b>9,584</b>
Plum Point (100 MW)	654.49	76.2%	13,342.66	20.39	12	7,454	6,395.45	9,772
Plum Point PPA O&M			2,879.97					
Plum Point PPA Env			1.79					
Plum Point PPA UT			484.06					
Riverton 7	-	0.0%	-	-	0	-	-	-
Riverton 8	-	0.0%	-	-	0	-	-	-
Riverton 9	-	0.0%	-	-	0	-	-	-
Riverton 10	-	0.0%	-	-	0	-	-	-
Riverton 11	0.34	0.2%	28.16	82.17	2	29	6.37	18,596
Riverton 12	98.66	7.9%	5,030.12	50.98	35	902	1,086.52	11,012
<b>Total Riverton</b>	<b>99.01</b>	<b>4.1%</b>	<b>5,058.28</b>	<b>51.09</b>	<b>37</b>	<b>931</b>	<b>1,092.89</b>	<b>11,039</b>
Energy Center 1	3.27	0.5%	246.01	75.22	2	77	55.56	16,986
Energy Center 2	6.23	0.9%	490.15	78.63	6	149	109.54	17,573
Energy Center 3	12.04	2.8%	612.13	50.82	53	319	134.71	11,184
Energy Center 4	10.48	2.4%	551.31	52.61	70	308	119.97	11,448
<b>Total EC</b>	<b>32.03</b>	<b>1.4%</b>	<b>1,899.60</b>	<b>59.31</b>	<b>131</b>	<b>853</b>	<b>419.78</b>	<b>13,106</b>
State Line 1	28.27	3.4%	1,710.84	60.52	13	349	385.54	13,638
State Line CC	779.53	30.0%	27,448.22	35.21	73	4,180	5,938.24	7,618
<b>Total SL</b>	<b>807.80</b>	<b>23.6%</b>	<b>29,159.06</b>	<b>36.10</b>	<b>86</b>	<b>4,529</b>	<b>6,323.78</b>	<b>7,828</b>
Gas Turbines	938.83		36,116.93	38.47	254	6,313	7,836.45	8,347
<b>Total Thermal</b>	<b>3,980.56</b>		<b>104,351.70</b>	<b>26.22</b>			<b>26,241.38</b>	<b>6,592</b>
Ozark Beach	64.51	46.0%						
<b>Total EDE (less fixed)</b>	<b>4,045.07</b>		<b>104,351.70</b>	<b>25.80</b>				
Spot Purch	469.91		13,585.49	28.91				
Elk River Wind	550.53	41.9%	** **	** **				
Meridian Way Wind	330.35	35.9%	** **	** **				
<b>Total Model</b>	<b>5,395.87</b>		<b>146,885.43</b>	<b>27.22</b>				
Purch Power Demand Charge			9,370.49				GBTU Gas	7,836.45
							GBTU with losses	8,041.77
							GCF Gas	7,608.21
Undist-Oth-Train			3,693.12				Heat Cont Gas	1.03
							Avg Gas Cost	4.61 \$/MMBtu
Gas Fixed FT			5,962.45					
Gas Dmd Commodity Chg			156.73					
Gas Dmd Losses Chg			946.26	205.32	additional GBTUs for losses (2.62%)			
Gas Storage			1,131.50					
<b>Total Gas DMD</b>			<b>8,196.94</b>					
(Dump)/Short Adj	(76.05)		(1,818.83)	23.92				
<b>Energy Cost Only</b>	<b>5,319.82</b>		<b>149,862.710</b>	<b>28.17</b>	(Excludes purchase demand, gas fixed FT, gas storage)			
<b>Total FPP NSI</b>	<b>5,319.82</b>		<b>166,327.152</b>	<b>31.27</b>				

Undist-Oth-Train and Gas FT not allocated to generating units in this summary report  
 In this summary report SLCC hours and starts are from the PROSYM model. Later both are recalculated from the hourly data for more accuracy  
 Slight inconsistencies may occur due to rounding