

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Zonal Data

07/29/2004

Name PTID CAPITL 61757	00:00 EDT 20.17 0.73 0.00 N	01:00 EDT 24.11 0.97 0.00 N	02:00 EDT 33.56 1.46 0.30 0.00 N	03:00 EDT 6.81 5.99 11.64 22.76 43.23 44.84 48.46 46.78 47.53 45.46 50.40 69.30 61.68 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	04:00 EDT 5.99 11.64 22.76 43.23 44.84 48.46 46.78 47.53 45.46 50.40 69.30 61.68 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	05:00 EDT 11.64 22.76 43.23 44.84 48.46 46.78 47.53 45.46 50.40 69.30 61.68 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	06:00 EDT 22.76 43.23 44.84 48.46 46.78 47.53 45.46 50.40 69.30 61.68 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	07:00 EDT 43.23 44.84 48.46 46.78 47.53 45.46 50.40 69.30 61.68 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	08:00 EDT 44.84 48.46 46.78 47.53 45.46 50.40 69.30 61.68 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	09:00 EDT 48.46 46.78 47.53 45.46 50.40 69.30 61.68 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	10:00 EDT 46.78 47.53 45.46 50.40 69.30 61.68 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	11:00 EDT 47.53 45.46 50.40 69.30 61.68 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	12:00 EDT 45.46 50.40 69.30 61.68 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	13:00 EDT 50.40 69.30 61.68 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	14:00 EDT 69.30 61.68 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	15:00 EDT 61.68 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	16:00 EDT 56.04 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	17:00 EDT 55.49 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	18:00 EDT 51.09 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	19:00 EDT 48.36 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	20:00 EDT 48.66 1.25 1.57 0.82 1.20 0.00 0.00 0.00 0.00 N	21:00 EDT 50.90 39.30 29.96 0.00 0.00 0.00 0.00 N	22:00 EDT 39.30 29.96 0.00 0.00 0.00 0.00 N	23:00 EDT 29.96 0.00 0.00 0.00 0.00 0.00 0.00 N
CENTRL 61754	19.15 -0.29 0.00 N	22.75 -0.39 0.00 N	31.48 -0.62 0.00 N	6.40 -0.11 0.00 N	5.66 -0.09 0.00 N	11.03 -0.16 0.00 N	21.56 -0.33 0.00 N	41.46 -0.85 0.00 N	42.65 -0.92 0.00 N	46.03 -0.93 0.00 N	44.73 -0.70 0.00 N	45.83 -0.59 0.00 N	44.00 -0.51 0.00 N	49.20 -0.43 0.00 N	67.70 -0.64 0.00 N	60.35 -0.55 0.00 N	54.80 -0.45 0.00 N	54.21 -0.51 0.00 N	49.87 -0.43 0.00 N	47.05 -0.43 0.00 N	46.84 -0.57 0.00 N	48.68 -0.66 0.00 N	37.93 -0.55 0.00 N	28.34 -0.42 0.00 N
DUNWOD 61760	20.68 1.24 0.00 N	24.45 1.31 0.00 N	33.69 1.59 0.00 N	6.81 0.30 0.00 N	5.99 0.25 0.00 N	11.71 0.53 0.00 N	23.13 1.24 0.00 N	45.74 3.44 0.00 N	47.15 3.59 0.00 N	50.76 3.79 0.00 N	48.85 3.43 0.00 N	49.94 3.53 0.00 N	47.76 3.25 0.00 N	53.33 3.71 0.00 N	73.65 5.32 0.00 N	65.60 4.71 0.00 N	59.54 4.30 0.00 N	59.11 4.38 0.00 N	53.93 3.63 0.00 N	50.95 3.48 0.00 N	50.73 3.32 0.00 N	52.50 3.16 0.00 N	41.08 2.59 0.00 N	30.35 1.59 0.00 N
GENESE 61753	18.97 -0.47 0.00 N	22.61 -0.53 0.00 N	31.39 -0.71 0.00 N	6.40 -0.12 0.00 N	5.68 -0.06 0.00 N	11.05 -0.14 0.00 N	21.48 -0.41 0.00 N	40.69 -1.61 0.00 N	42.04 -1.53 0.00 N	45.62 -1.34 0.00 N	44.69 -0.73 0.00 N	45.78 -0.64 0.00 N	44.07 -0.45 0.00 N	49.02 -0.60 0.00 N	67.23 -1.10 0.00 N	59.94 -0.95 0.00 N	54.31 -0.94 0.00 N	53.55 -1.18 0.00 N	49.45 -0.85 0.00 N	46.54 -0.93 0.00 N	46.42 -0.99 0.00 N	48.54 -0.79 0.00 N	37.70 -0.79 0.00 N	28.43 -0.34 0.00 N
H Q 61844	19.03 -0.40 0.00 N	22.73 -0.41 0.00 N	31.59 -0.50 0.00 N	6.41 -0.11 0.00 N	5.66 -0.08 0.00 N	11.02 -0.17 0.00 N	21.51 -0.37 0.00 N	41.22 -1.08 0.00 N	42.49 -1.08 0.00 N	47.84 -1.38 1.71 N	44.51 -0.91 0.00 N	50.29 -1.24 0.04 N	43.76 -0.76 0.00 N	53.88 -1.63 -2.88 N	66.99 -1.34 0.00 N	59.73 -1.17 0.00 N	54.16 -1.09 0.00 N	53.63 -1.09 0.00 N	49.34 -0.97 0.00 N	46.28 -1.19 0.00 N	46.35 -1.06 0.00 N	48.45 -0.89 0.00 N	37.75 -0.74 0.00 N	28.23 -0.54 0.00 N
HUD VL 61758	20.25 0.81 0.00 N	24.00 0.86 0.00 N	33.13 1.03 0.00 N	6.71 0.19 0.00 N	5.89 0.15 0.00 N	11.53 0.34 0.00 N	22.67 0.78 0.00 N	44.60 2.30 0.00 N	45.91 2.34 0.00 N	49.36 2.40 0.00 N	47.69 2.27 0.00 N	48.77 2.35 0.00 N	46.74 2.23 0.00 N	52.20 2.58 0.00 N	72.24 3.91 0.00 N	64.42 3.52 0.00 N	58.47 3.22 0.00 N	58.03 3.30 0.00 N	53.09 2.78 0.00 N	50.16 2.69 0.00 N	49.94 2.53 0.00 N	51.61 2.28 0.00 N	40.34 1.85 0.00 N	29.84 1.08 0.00 N
LONGIL 61762	42.57 1.70 -21.44 N	41.52 1.91 -16.47 N	50.98 2.38 -16.51 N	50.15 0.47 -43.17 N	50.09 0.40 -43.95 N	52.70 0.78 -40.73 N	56.11 1.66 -32.56 N	56.17 4.17 -9.69 N	58.35 4.17 -10.62 N	65.82 4.30 -14.55 N	75.23 3.75 -26.05 N	80.94 3.51 -31.02 N	60.48 2.44 -13.51 N	52.18 2.56 0.00 N	72.08 3.75 0.00 N	74.67 3.37 -10.40 N	76.56 3.07 -18.24 N	78.67 3.10 -20.85 N	74.30 2.45 -21.55 N	67.66 2.39 -17.80 N	73.94 2.31 -24.22 N	72.05 2.28 -20.44 N	70.31 2.02 -29.80 N	58.92 1.26 -28.89 N
MHK VL 61756	19.75 0.32 0.00 N	23.54 0.40 0.00 N	32.70 0.60 0.00 N	6.63 0.11 0.00 N	5.85 0.11 0.00 N	11.38 0.19 0.00 N	22.28 0.39 0.00 N	42.77 0.46 0.00 N	44.08 0.51 0.00 N	47.57 0.61 0.00 N	46.00 0.58 0.00 N	47.01 0.59 0.00 N	45.01 0.49 0.00 N	50.12 0.50 0.00 N	69.05 0.71 0.00 N	61.47 0.57 0.00 N	55.77 0.52 0.00 N	55.28 0.56 0.00 N	50.85 0.54 0.00 N	48.06 0.59 0.00 N	47.96 0.56 0.00 N	49.96 0.63 0.00 N	38.83 0.35 0.00 N	29.24 0.48 0.00 N
MILLWD 61759	20.36 0.93 0.00 N	24.09 0.95 0.00 N	33.21 1.11 0.00 N	6.72 0.20 0.00 N	5.90 0.16 0.00 N	11.55 0.36 0.00 N	22.79 0.91 0.00 N	45.04 2.74 0.00 N	46.41 2.84 0.00 N	49.95 2.98 0.00 N	48.09 2.67 0.00 N	49.19 2.78 0.00 N	47.06 2.54 0.00 N	52.54 2.92 0.00 N	72.62 4.29 0.00 N	64.69 3.79 0.00 N	58.70 3.45 0.00 N	58.28 3.55 0.00 N	53.20 2.90 0.00 N	50.26 2.78 0.00 N	50.04 2.63 0.00 N	51.77 2.44 0.00 N	40.51 2.03 0.00 N	29.91 1.15 0.00 N
N.Y.C. 61761	37.60 1.54 -16.62 N	32.00 1.66 -7.20 N	39.81 2.05 -5.67 N	16.91 0.38 -10.02 N	16.21 0.32 -10.14 N	21.08 0.69 -9.21 N	30.68 1.62 -7.18 N	51.13 4.32 -4.50 N	57.34 4.47 -9.30 N	63.34 4.76 -11.62 N	61.04 4.18 -11.43 N	61.48 4.27 -10.80 N	61.59 4.33 -13.22 N	71.12 5.91 -17.17 N	82.09 5.19 -7.84 N	83.42 5.19 -17.33 N	83.14 4.77 -23.12 N	84.53 4.85 -24.96 N	73.42 4.03 -19.08 N	77.10 3.89 -25.74 N	92.70 3.77 -41.52 N	94.49 3.65 -41.51 N	87.38 3.07 -45.82 N	65.98 1.97 -35.24 N

NORTH 61755	19.13 <b>-0.31</b> 0.00 N	22.85 <b>-0.30</b> 0.00 N	31.77 <b>-0.32</b> 0.00 N	6.44 <b>-0.08</b> 0.00 N	5.69 <b>-0.05</b> 0.00 N	11.07 <b>-0.12</b> 0.00 N	21.63 <b>-0.25</b> 0.00 N	41.25 <b>-1.06</b> 0.00 N	42.54 <b>-1.02</b> 0.00 N	46.03 <b>-0.93</b> 0.00 N	44.57 <b>-0.85</b> 0.00 N	45.59 <b>-0.83</b> 0.00 N	43.79 <b>-0.73</b> 0.00 N	48.68 <b>-0.94</b> 0.00 N	67.03 <b>-1.30</b> 0.00 N	59.76 <b>-1.14</b> 0.00 N	54.20 <b>-1.05</b> 0.00 N	53.70 <b>-1.03</b> 0.00 N	49.40 <b>-0.90</b> 0.00 N	46.36 <b>-1.11</b> 0.00 N	46.42 <b>-0.98</b> 0.00 N	48.56 <b>-0.78</b> 0.00 N	37.78 <b>-0.71</b> 0.00 N	28.36 <b>-0.40</b> 0.00 N
NPX 61845	19.83 <b>0.39</b> 0.00 N	23.64 <b>0.50</b> 0.00 N	32.83 <b>0.73</b> 0.00 N	6.66 <b>0.15</b> 0.00 N	5.85 <b>0.11</b> 0.00 N	11.39 <b>0.20</b> 0.00 N	22.30 <b>0.42</b> 0.00 N	42.85 <b>0.55</b> 0.00 N	44.31 <b>0.74</b> 0.00 N	51.82 <b>2.60</b> 1.71 N	46.00 <b>0.58</b> 0.00 N	54.01 <b>2.48</b> 0.04 N	44.84 <b>0.32</b> 0.00 N	69.84 <b>3.05</b> <b>-14.16</b> N	68.57 <b>0.23</b> 0.00 N	61.04 <b>0.14</b> 0.00 N	55.41 <b>0.16</b> 0.00 N	54.91 <b>0.18</b> 0.00 N	50.47 <b>0.16</b> 0.00 N	47.80 <b>0.33</b> 0.00 N	47.93 <b>0.53</b> 0.00 N	49.91 <b>0.57</b> 0.00 N	38.80 <b>0.31</b> 0.00 N	29.31 <b>0.54</b> 0.00 N
O H 61846	18.66 <b>-0.78</b> 0.00 N	22.13 <b>-1.01</b> 0.00 N	30.58 <b>-1.51</b> 0.00 N	6.27 <b>-0.25</b> 0.00 N	5.56 <b>-0.18</b> 0.00 N	10.84 <b>-0.34</b> 0.00 N	20.94 <b>-0.94</b> 0.00 N	40.62 <b>-1.68</b> 0.00 N	41.34 <b>-2.23</b> 0.00 N	46.98 <b>-2.24</b> 1.71 N	43.80 <b>-1.62</b> 0.00 N	49.00 <b>-2.53</b> 0.04 N	43.50 <b>-1.01</b> 0.00 N	64.21 <b>-2.58</b> <b>-14.16</b> N	66.61 <b>-1.72</b> 0.00 N	59.55 <b>-1.34</b> 0.00 N	53.85 <b>-1.40</b> 0.00 N	53.18 <b>-1.55</b> 0.00 N	49.25 <b>-1.05</b> 0.00 N	46.30 <b>-1.17</b> 0.00 N	45.32 <b>-2.09</b> 0.00 N	47.06 <b>-2.28</b> 0.00 N	37.41 <b>-1.07</b> 0.00 N	27.57 <b>-1.20</b> 0.00 N
PJM 61847	18.64 <b>-0.80</b> 0.00 N	22.08 <b>-1.06</b> 0.00 N	30.58 <b>-1.51</b> 0.00 N	6.21 <b>-0.30</b> 0.00 N	5.49 <b>-0.25</b> 0.00 N	10.73 <b>-0.46</b> 0.00 N	20.95 <b>-0.93</b> 0.00 N	41.08 <b>-1.23</b> 0.00 N	42.02 <b>-1.55</b> 0.00 N	51.00 <b>1.78</b> 1.71 N	43.98 <b>-1.44</b> 0.00 N	53.59 <b>2.06</b> 0.04 N	43.41 <b>-1.11</b> 0.00 N	70.00 <b>3.21</b> <b>-14.16</b> N	67.02 <b>-1.31</b> 0.00 N	59.84 <b>-1.06</b> 0.00 N	54.12 <b>-1.13</b> 0.00 N	53.67 <b>-1.06</b> 0.00 N	49.31 <b>-0.99</b> 0.00 N	46.40 <b>-1.07</b> 0.00 N	45.81 <b>-1.60</b> 0.00 N	47.47 <b>-1.86</b> 0.00 N	37.26 <b>-1.23</b> 0.00 N	27.40 <b>-1.36</b> 0.00 N
WEST 61752	18.54 <b>-0.89</b> 0.00 N	22.05 <b>-1.10</b> 0.00 N	30.47 <b>-1.62</b> 0.00 N	6.24 <b>-0.28</b> 0.00 N	5.54 <b>-0.20</b> 0.00 N	10.80 <b>-0.39</b> 0.00 N	20.82 <b>-1.06</b> 0.00 N	40.40 <b>-1.91</b> 0.00 N	41.26 <b>-2.31</b> 0.00 N	44.53 <b>-2.44</b> 0.00 N	43.80 <b>-1.62</b> 0.00 N	45.02 <b>-1.40</b> 0.00 N	43.52 <b>-1.00</b> 0.00 N	48.73 <b>-0.89</b> 0.00 N	66.73 <b>-1.60</b> 0.00 N	59.69 <b>-1.20</b> 0.00 N	53.99 <b>-1.26</b> 0.00 N	53.26 <b>-1.47</b> 0.00 N	49.30 <b>-1.01</b> 0.00 N	46.30 <b>-1.18</b> 0.00 N	45.29 <b>-2.12</b> 0.00 N	46.94 <b>-2.39</b> 0.00 N	37.30 <b>-1.18</b> 0.00 N	27.40 <b>-1.36</b> 0.00 N