

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

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

## Zonal Data

04/21/2004

Name PTID CAPITL 61757	00:00 EDT 35.93 1.78 0.00 N	01:00 EDT 23.00 1.10 0.00 N	02:00 EDT 24.18 1.18 0.00 N	03:00 EDT 24.07 1.23 0.00 N	04:00 EDT 22.00 1.11 0.00 N	05:00 EDT 30.21 1.57 0.00 N	06:00 EDT 50.73 3.07 0.00 N	07:00 EDT 56.41 3.10 0.00 N	08:00 EDT 52.10 3.02 0.00 N	09:00 EDT 50.55 2.61 0.00 N	10:00 EDT 53.50 2.51 0.00 N	11:00 EDT 51.40 2.39 0.00 N	12:00 EDT 54.72 2.79 0.00 N	13:00 EDT 52.32 2.48 0.00 N	14:00 EDT 51.39 2.47 0.00 N	15:00 EDT 58.56 2.76 0.00 N	16:00 EDT 54.58 2.60 0.00 N	17:00 EDT 56.87 2.63 0.00 N	18:00 EDT 56.85 2.65 0.00 N	19:00 EDT 57.23 3.02 0.00 N	20:00 EDT 60.58 2.86 0.00 N	21:00 EDT 55.45 2.42 0.00 N	22:00 EDT 53.17 2.84 0.00 N	23:00 EDT 44.94 2.29 0.00 N
CENTRL 61754	33.90 -0.26 0.00 N	21.73 -0.17 0.00 N	22.86 -0.15 0.00 N	22.60 -0.24 0.00 N	20.68 -0.21 0.00 N	28.45 -0.19 0.00 N	47.23 -0.43 0.00 N	52.82 -0.49 0.00 N	48.73 -0.36 0.00 N	47.69 -0.25 0.00 N	50.71 -0.28 0.00 N	48.68 -0.33 0.00 N	51.70 -0.24 0.00 N	49.50 -0.33 0.00 N	48.50 -0.41 0.00 N	55.32 -0.48 0.00 N	51.57 -0.42 0.00 N	53.80 -0.44 0.00 N	53.77 -0.43 0.00 N	53.74 -0.46 0.00 N	57.33 -0.38 0.00 N	52.69 -0.34 0.00 N	49.85 -0.48 0.00 N	42.23 -0.42 0.00 N
DUNWOD 61760	35.12 0.96 0.00 N	22.57 0.68 0.00 N	23.61 0.61 0.00 N	23.43 0.59 0.00 N	21.43 0.54 0.00 N	29.51 0.87 0.00 N	49.12 1.46 0.00 N	55.44 2.13 0.00 N	51.06 1.97 0.00 N	50.14 2.20 0.00 N	53.64 2.65 0.00 N	51.83 2.82 0.00 N	54.79 2.85 0.00 N	52.66 2.82 0.00 N	51.58 2.67 0.00 N	58.88 3.08 0.00 N	54.67 2.68 0.00 N	56.96 2.72 0.00 N	56.85 2.66 0.00 N	56.88 2.68 0.00 N	60.78 3.06 0.00 N	55.61 2.58 0.00 N	52.14 1.82 0.00 N	43.94 1.28 0.00 N
GENESE 61753	33.91 -0.25 0.00 N	21.64 -0.26 0.00 N	22.71 -0.30 0.00 N	22.44 -0.40 0.00 N	20.50 -0.39 0.00 N	28.25 -0.39 0.00 N	47.05 -0.61 0.00 N	52.28 -1.03 0.00 N	48.45 -0.63 0.00 N	47.33 -0.60 0.00 N	50.23 -0.76 0.00 N	48.10 -0.91 0.00 N	50.99 -0.94 0.00 N	48.83 -1.01 0.00 N	48.10 -0.81 0.00 N	54.82 -0.98 0.00 N	51.10 -0.88 0.00 N	53.20 -1.04 0.00 N	53.14 -1.05 0.00 N	53.16 -1.05 0.00 N	56.52 -1.19 0.00 N	51.93 -1.10 0.00 N	49.61 -0.72 0.00 N	42.34 -0.31 0.00 N
H Q 61844	33.91 -0.25 0.00 N	21.71 -0.19 0.00 N	22.80 -0.21 0.00 N	22.61 -0.22 0.00 N	20.69 -0.20 0.00 N	28.37 -0.27 0.00 N	51.51 -0.05 -2.84 N	52.80 -0.51 0.00 N	48.67 -0.42 0.00 N	47.57 -0.37 0.00 N	50.61 -0.38 0.00 N	48.53 -0.47 0.00 N	51.47 -0.46 0.00 N	49.38 -0.46 0.00 N	48.53 -0.39 0.00 N	55.35 -0.45 0.00 N	51.57 -0.42 0.00 N	53.78 -0.46 0.00 N	53.75 -0.45 0.00 N	53.78 -0.43 0.00 N	57.20 -0.52 0.00 N	52.53 -0.49 0.00 N	63.67 0.13 -0.19 N	45.20 0.10 3.05 N
HUD VL 61758	34.51 0.36 0.00 N	22.17 0.28 0.00 N	23.24 0.24 0.00 N	23.09 0.25 0.00 N	21.11 0.22 0.00 N	29.00 0.36 0.00 N	48.21 0.55 0.00 N	54.25 0.94 0.00 N	49.94 0.86 0.00 N	48.90 0.96 0.00 N	52.23 1.24 0.00 N	50.46 1.46 0.00 N	53.46 1.53 0.00 N	51.40 1.56 0.00 N	50.37 1.45 0.00 N	57.38 1.58 0.00 N	53.25 1.27 0.00 N	55.51 1.27 0.00 N	55.47 1.27 0.00 N	55.51 1.30 0.00 N	59.29 1.57 0.00 N	54.35 1.33 0.00 N	51.06 0.73 0.00 N	43.10 0.45 0.00 N
LONGIL 61762	41.98 1.73 -6.10 N	72.52 1.24 -49.39 N	26.91 1.13 -2.77 N	23.95 1.11 0.00 N	21.89 1.00 0.00 N	36.30 1.55 -6.11 N	49.79 2.12 0.00 N	55.90 2.59 0.00 N	51.86 2.78 0.00 N	51.05 3.11 0.00 N	54.60 3.62 0.00 N	52.83 3.83 0.00 N	56.02 3.93 -0.16 N	61.59 3.90 -7.85 N	63.20 3.73 -10.55 N	63.90 4.27 -3.84 N	55.63 3.57 -0.08 N	57.63 3.39 0.00 N	57.49 3.29 -0.01 N	57.67 3.40 -0.06 N	61.65 3.93 0.00 N	56.33 3.30 0.00 N	52.65 2.32 0.00 N	47.32 1.96 -2.71 N
MHK VL 61756	34.63 0.48 0.00 N	22.21 0.31 0.00 N	23.32 0.31 0.00 N	23.16 0.32 0.00 N	21.20 0.31 0.00 N	29.11 0.47 0.00 N	48.56 0.90 0.00 N	54.19 0.88 0.00 N	49.99 0.91 0.00 N	48.82 0.88 0.00 N	51.82 0.83 0.00 N	49.87 0.86 0.00 N	52.97 1.03 0.00 N	50.73 0.89 0.00 N	49.81 0.90 0.00 N	56.78 0.98 0.00 N	52.87 0.88 0.00 N	55.15 0.91 0.00 N	55.14 0.94 0.00 N	55.24 1.03 0.00 N	58.73 1.01 0.00 N	53.86 0.83 0.00 N	51.18 0.85 0.00 N	43.29 0.63 0.00 N
MILLWD 61759	34.63 0.47 0.00 N	22.26 0.36 0.00 N	23.30 0.29 0.00 N	23.12 0.28 0.00 N	21.14 0.25 0.00 N	29.10 0.46 0.00 N	48.43 0.76 0.00 N	54.61 1.30 0.00 N	50.28 1.20 0.00 N	49.36 1.42 0.00 N	52.80 1.81 0.00 N	51.01 2.01 0.00 N	53.93 2.00 0.00 N	51.84 2.00 0.00 N	50.78 1.86 0.00 N	57.92 2.12 0.00 N	53.78 1.79 0.00 N	56.05 1.82 0.00 N	55.96 1.77 0.00 N	55.98 1.77 0.00 N	59.82 2.11 0.00 N	54.77 1.74 0.00 N	51.36 1.03 0.00 N	43.29 0.63 0.00 N
N.Y.C. 61761	35.62 1.46 0.00 N	22.90 1.00 0.00 N	25.03 0.94 -1.08 N	23.74 0.90 0.00 N	21.71 0.82 0.00 N	29.96 1.32 0.00 N	52.25 2.32 -2.27 N	59.51 3.22 -2.98 N	58.28 2.89 -6.31 N	57.32 3.13 -6.25 N	63.43 3.72 -8.72 N	64.47 3.88 -11.59 N	61.80 3.93 -5.93 N	63.26 3.87 -9.55 N	59.05 3.70 -6.44 N	63.78 4.35 -3.63 N	67.15 3.84 -11.33 N	63.25 3.89 -5.12 N	69.83 3.78 -11.85 N	78.54 3.81 -20.52 N	77.31 4.23 -15.36 N	64.07 3.59 -7.46 N	71.62 2.78 -18.52 N	47.93 2.06 -3.21 N

NORTH 61755	34.05 <span>-0.11</span> 0.00 N	21.78 <span>-0.11</span> 0.00 N	22.86 <span>-0.15</span> 0.00 N	22.68 <span>-0.16</span> 0.00 N	20.75 <span>-0.14</span> 0.00 N	28.47 <span>-0.17</span> 0.00 N	47.46 <span>-0.21</span> 0.00 N	52.99 <span>-0.32</span> 0.00 N	48.93 <span>-0.15</span> 0.00 N	47.82 <span>-0.12</span> 0.00 N	50.83 <span>-0.16</span> 0.00 N	48.74 <span>-0.26</span> 0.00 N	51.72 <span>-0.22</span> 0.00 N	49.57 <span>-0.26</span> 0.00 N	48.73 <span>-0.18</span> 0.00 N	55.56 <span>-0.24</span> 0.00 N	51.75 <span>-0.23</span> 0.00 N	53.97 <span>-0.26</span> 0.00 N	53.96 <span>-0.24</span> 0.00 N	54.04 <span>-0.17</span> 0.00 N	57.42 <span>-0.29</span> 0.00 N	52.64 <span>-0.38</span> 0.00 N	50.13 <span>-0.19</span> 0.00 N	42.61 <span>-0.04</span> 0.00 N
NPX 61845	34.83 <span>0.67</span> 0.00 N	22.34 <span>0.44</span> 0.00 N	23.48 <span>0.47</span> 0.00 N	23.37 <span>0.53</span> 0.00 N	21.34 <span>0.45</span> 0.00 N	29.24 <span>0.60</span> 0.00 N	52.97 <span>1.41</span> <span>-2.84</span> N	54.54 <span>1.23</span> 0.00 N	50.29 <span>1.21</span> 0.00 N	48.92 <span>0.98</span> 0.00 N	51.92 <span>0.93</span> 0.00 N	49.97 <span>0.97</span> 0.00 N	53.08 <span>1.15</span> 0.00 N	50.83 <span>0.99</span> 0.00 N	49.87 <span>0.95</span> 0.00 N	56.85 <span>1.05</span> 0.00 N	52.99 <span>1.00</span> 0.00 N	55.27 <span>1.03</span> 0.00 N	55.25 <span>1.05</span> 0.00 N	55.55 <span>1.34</span> 0.00 N	58.90 <span>1.19</span> 0.00 N	53.95 <span>0.92</span> 0.00 N	65.00 <span>1.46</span> <span>-0.19</span> N	46.50 <span>1.40</span> <span>3.05</span> N
O H 61846	32.13 <span>-2.02</span> 0.00 N	20.53 <span>-1.37</span> 0.00 N	21.59 <span>-1.42</span> 0.00 N	21.32 <span>-1.52</span> 0.00 N	19.52 <span>-1.37</span> 0.00 N	26.68 <span>-1.96</span> 0.00 N	43.72 <span>-7.84</span> <span>-2.84</span> N	48.94 <span>-4.37</span> 0.00 N	45.17 <span>-3.91</span> 0.00 N	44.46 <span>-3.48</span> 0.00 N	47.43 <span>-3.56</span> 0.00 N	45.42 <span>-3.58</span> 0.00 N	47.74 <span>-4.19</span> 0.00 N	45.86 <span>-3.98</span> 0.00 N	45.05 <span>-3.86</span> 0.00 N	51.51 <span>-4.29</span> 0.00 N	48.17 <span>-3.81</span> 0.00 N	50.30 <span>-3.94</span> 0.00 N	50.30 <span>-3.90</span> 0.00 N	49.94 <span>-4.27</span> 0.00 N	53.31 <span>-4.41</span> 0.00 N	49.23 <span>-3.80</span> 0.00 N	55.75 <span>-7.79</span> <span>-0.19</span> N	39.47 <span>-5.63</span> <span>3.05</span> N
PJM 61847	32.67 <span>-1.48</span> 0.00 N	21.03 <span>-0.86</span> 0.00 N	22.10 <span>-0.91</span> 0.00 N	21.93 <span>-0.90</span> 0.00 N	20.09 <span>-0.80</span> 0.00 N	27.46 <span>-1.18</span> 0.00 N	50.00 <span>-1.56</span> <span>-2.84</span> N	50.89 <span>-2.42</span> 0.00 N	46.69 <span>-2.39</span> 0.00 N	45.86 <span>-2.07</span> 0.00 N	48.95 <span>-2.03</span> 0.00 N	47.06 <span>-1.94</span> 0.00 N	49.62 <span>-2.32</span> 0.00 N	47.72 <span>-2.12</span> 0.00 N	46.82 <span>-2.10</span> 0.00 N	53.46 <span>-2.34</span> 0.00 N	49.90 <span>-2.09</span> 0.00 N	52.21 <span>-2.03</span> 0.00 N	52.20 <span>-2.00</span> 0.00 N	51.88 <span>-2.33</span> 0.00 N	55.50 <span>-2.21</span> 0.00 N	51.06 <span>-1.96</span> 0.00 N	61.07 <span>-2.47</span> <span>-0.19</span> N	42.16 <span>-2.94</span> <span>3.05</span> N
WEST 61752	31.96 <span>-2.20</span> 0.00 N	20.42 <span>-1.48</span> 0.00 N	21.49 <span>-1.52</span> 0.00 N	21.21 <span>-1.63</span> 0.00 N	19.42 <span>-1.47</span> 0.00 N	26.52 <span>-2.11</span> 0.00 N	43.43 <span>-4.23</span> 0.00 N	48.80 <span>-4.51</span> 0.00 N	45.09 <span>-3.99</span> 0.00 N	44.42 <span>-3.52</span> 0.00 N	47.34 <span>-3.65</span> 0.00 N	45.31 <span>-3.69</span> 0.00 N	47.50 <span>-4.44</span> 0.00 N	45.70 <span>-4.14</span> 0.00 N	44.96 <span>-3.95</span> 0.00 N	51.44 <span>-4.36</span> 0.00 N	48.16 <span>-3.83</span> 0.00 N	50.26 <span>-3.97</span> 0.00 N	50.23 <span>-3.97</span> 0.00 N	49.88 <span>-4.33</span> 0.00 N	53.28 <span>-4.44</span> 0.00 N	49.16 <span>-3.86</span> 0.00 N	46.08 <span>-4.24</span> 0.00 N	39.68 <span>-2.97</span> 0.00 N