

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/24/2002

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL 61757	28.34 1.85 0.00	26.74 1.94 0.00	29.63 2.19 0.00	29.44 2.37 0.00	24.92 1.96 0.00	38.47 3.05 0.00	24.33 1.78 0.00	26.49 1.86 0.00	22.68 1.58 0.00	25.74 1.89 0.00	36.77 2.83 0.00	54.69 4.43 0.00	25.22 1.87 0.00	23.82 1.69 0.00	23.72 1.70 0.00	26.73 2.03 0.00	60.35 4.87 0.00	43.25 3.40 0.00	36.78 2.63 0.00	47.66 3.78 0.00	39.20 3.05 0.00	25.27 2.03 0.00	25.15 2.09 0.00	30.45 2.06 0.00
CENTRL 61754	25.82 -0.66 0.00	24.12 -0.68 0.00	26.64 -0.80 0.00	26.25 -0.82 0.00	22.29 -0.68 0.00	34.36 -1.06 0.00	21.94 -0.62 0.00	23.98 -0.65 0.00	20.53 -0.57 0.00	23.21 -0.64 0.00	32.99 -0.95 0.00	48.76 -1.50 0.00	22.69 -0.66 0.00	21.53 -0.60 0.00	21.48 -0.55 0.00	24.04 -0.66 0.00	53.99 -1.50 0.00	38.89 -0.97 0.00	33.30 -0.85 0.00	42.62 -1.26 0.00	35.05 -1.10 0.00	22.57 -0.67 0.00	22.28 -0.78 0.00	27.51 -0.88 0.00
DUNWOD 61760	27.54 1.05 0.00	25.67 0.87 0.00	28.38 0.94 0.00	27.87 0.79 0.00	23.61 0.65 0.00	36.47 1.05 0.00	23.38 0.83 0.00	25.65 1.02 0.00	22.15 1.05 0.00	25.04 1.19 0.00	35.73 1.79 0.00	52.88 2.62 0.00	24.55 1.20 0.00	23.22 1.09 0.00	23.01 0.99 0.00	25.81 1.11 0.00	58.52 3.04 0.00	42.26 2.41 0.00	36.21 2.06 0.00	46.67 2.79 0.00	38.50 2.34 0.00	24.66 1.42 0.00	24.46 1.40 0.00	29.98 1.59 0.00
GENESE 61753	26.52 0.03 0.00	24.73 -0.08 0.00	27.27 -0.17 0.00	26.94 -0.13 0.00	22.87 -0.09 0.00	35.25 -0.17 0.00	22.49 -0.06 0.00	24.60 -0.03 0.00	21.00 -0.10 0.00	23.84 -0.01 0.00	33.93 -0.01 0.00	50.21 -0.05 0.00	23.40 0.05 0.00	22.21 0.08 0.00	22.23 0.20 0.00	24.94 0.24 0.00	56.01 0.52 0.00	40.35 0.49 0.00	34.54 0.40 0.00	44.16 0.28 0.00	36.34 0.18 0.00	23.29 0.05 0.00	23.02 -0.04 0.00	28.23 -0.17 0.00
H Q 61844	26.49 0.00 0.00	24.77 -0.03 0.00	27.35 -0.09 0.00	26.96 -0.11 0.00	22.87 -0.09 0.00	35.28 -0.14 0.00	22.48 -0.07 0.00	24.55 -0.07 0.00	21.04 -0.05 0.00	23.82 -0.03 0.00	33.90 -0.04 0.00	50.27 0.01 0.00	23.42 0.07 0.00	22.20 0.07 0.00	22.09 0.07 0.00	42.01 0.33 -8.91	55.58 0.10 0.00	39.90 0.04 0.00	34.22 0.07 0.00	43.91 0.03 0.00	36.18 0.02 0.00	23.25 0.02 0.00	23.10 0.04 0.00	40.55 0.17 2.63
HUD VL 61758	27.04 0.56 0.00	25.27 0.47 0.00	27.95 0.51 0.00	27.48 0.41 0.00	23.29 0.33 0.00	35.97 0.55 0.00	23.02 0.47 0.00	25.22 0.60 0.00	21.75 0.66 0.00	24.59 0.74 0.00	35.05 1.11 0.00	51.94 1.68 0.00	24.11 0.76 0.00	22.84 0.71 0.00	22.66 0.63 0.00	25.41 0.72 0.00	57.56 2.07 0.00	41.57 1.72 0.00	35.63 1.48 0.00	45.82 1.94 0.00	37.78 1.63 0.00	24.18 0.95 0.00	23.94 0.87 0.00	29.40 1.00 0.00
LONGIL 61762	27.68 1.19 0.00	25.89 1.08 0.00	28.69 1.25 0.00	28.15 1.07 0.00	23.84 0.88 0.00	37.96 1.42 -1.12	39.90 1.20 -16.15	40.00 1.50 -13.87	40.01 1.49 -17.43	36.08 1.50 -10.73	35.92 1.97 0.00	52.85 2.59 0.00	24.45 1.10 0.00	22.94 0.80 0.00	22.67 0.64 0.00	25.39 0.69 0.00	58.08 2.59 0.00	41.93 1.81 -0.26	40.45 1.51 -4.79	49.37 2.44 -3.05	43.76 2.21 -5.39	42.18 1.61 -17.33	27.92 1.52 -3.34	30.09 1.70 0.00
MHK VL 61756	26.92 0.44 0.00	25.21 0.40 0.00	27.91 0.47 0.00	27.61 0.53 0.00	23.42 0.45 0.00	36.15 0.73 0.00	23.04 0.48 0.00	25.17 0.54 0.00	21.55 0.46 0.00	24.39 0.55 0.00	34.78 0.84 0.00	51.54 1.28 0.00	23.92 0.57 0.00	22.63 0.50 0.00	22.52 0.50 0.00	25.29 0.59 0.00	56.85 1.37 0.00	40.93 1.08 0.00	35.10 0.95 0.00	45.16 1.28 0.00	37.16 1.00 0.00	23.84 0.60 0.00	23.66 0.60 0.00	28.98 0.59 0.00
MILLWD 61759	27.25 0.76 0.00	25.41 0.61 0.00	28.10 0.66 0.00	27.59 0.52 0.00	23.39 0.42 0.00	36.12 0.69 0.00	23.15 0.60 0.00	25.39 0.76 0.00	21.91 0.82 0.00	24.77 0.92 0.00	35.33 1.39 0.00	52.30 2.04 0.00	24.29 0.94 0.00	22.98 0.84 0.00	22.77 0.75 0.00	25.54 0.84 0.00	57.89 2.40 0.00	41.80 1.95 0.00	35.83 1.68 0.00	46.15 2.27 0.00	38.07 1.92 0.00	24.38 1.14 0.00	24.18 1.11 0.00	29.65 1.25 0.00
N.Y.C. 61761	29.64 1.55 -1.60	26.97 1.29 -0.87	28.82 1.38 0.00	28.27 1.20 0.00	23.96 0.99 0.00	37.01 1.59 0.00	23.75 1.20 0.00	26.06 1.44 0.00	38.95 1.43 -16.43	25.49 1.64 0.00	37.02 2.48 -0.59	56.79 3.60 -2.93	45.00 1.67 -19.99	46.91 1.51 -23.27	45.55 1.38 -22.15	47.08 1.54 -20.84	63.26 4.00 -3.78	68.43 3.05 -25.52	53.48 2.61 -16.72	48.97 3.62 -1.46	46.04 3.03 -6.85	28.56 1.86 -3.47	30.54 1.88 -5.59	33.00 2.13 -2.48
NORTH 61755	26.68 0.19 0.00	24.94 0.14 0.00	27.54 0.10 0.00	27.17 0.10 0.00	23.06 0.09 0.00	35.58 0.16 0.00	22.68 0.13 0.00	24.75 0.13 0.00	21.22 0.12 0.00	24.03 0.18 0.00	34.18 0.23 0.00	50.69 0.43 0.00	23.61 0.26 0.00	22.37 0.24 0.00	22.27 0.24 0.00	24.98 0.28 0.00	56.08 0.60 0.00	40.29 0.44 0.00	34.56 0.41 0.00	44.37 0.49 0.00	36.53 0.37 0.00	23.46 0.22 0.00	23.34 0.27 0.00	28.58 0.19 0.00
NPX 61845	27.75 1.26 0.00	26.15 1.35 0.00	28.96 1.52 0.00	28.69 1.62 0.00	24.31 1.34 0.00	37.57 2.15 0.00	23.85 1.30 0.00	26.00 1.37 0.00	22.31 1.22 0.00	25.26 1.41 0.00	36.05 2.11 0.00	53.63 3.37 0.00	24.74 1.40 0.00	23.40 1.26 0.00	23.25 1.23 0.00	26.17 1.47 0.00	59.08 3.59 0.00	42.38 2.52 0.00	36.11 1.96 0.00	46.77 2.89 0.00	38.53 2.38 0.00	24.78 1.54 0.00	24.64 1.58 0.00	41.71 1.33 2.63

PJH 61846	21.96 <span>-4.52</span> <span>0.00</span>	20.42 <span>-4.39</span> <span>0.00</span>	22.48 <span>-4.96</span> <span>0.00</span>	22.05 <span>-5.02</span> <span>0.00</span>	18.76 <span>-4.21</span> <span>0.00</span>	28.84 <span>-6.59</span> <span>0.00</span>	18.57 <span>-3.98</span> <span>0.00</span>	20.34 <span>-4.28</span> <span>0.00</span>	17.41 <span>-3.69</span> <span>0.00</span>	19.64 <span>-4.21</span> <span>0.00</span>	27.84 <span>-6.10</span> <span>0.00</span>	41.21 <span>-9.04</span> <span>0.00</span>	19.39 <span>-3.96</span> <span>0.00</span>	18.50 <span>-3.63</span> <span>0.00</span>	18.46 <span>-3.56</span> <span>0.00</span>	20.57 <span>-4.13</span> <span>0.00</span>	45.73 <span>-9.76</span> <span>0.00</span>	32.94 <span>-6.92</span> <span>0.00</span>	28.48 <span>-5.67</span> <span>0.00</span>	36.04 <span>-7.84</span> <span>0.00</span>	29.71 <span>-6.45</span> <span>0.00</span>	19.05 <span>-4.18</span> <span>0.00</span>	18.78 <span>-4.28</span> <span>0.00</span>	35.00 <span>-5.38</span> <span>2.63</span>
PJM 61847	24.22 <span>-2.27</span> <span>0.00</span>	22.58 <span>-2.22</span> <span>0.00</span>	21.00 <span>-5.43</span> <span>13.21</span>	20.01 <span>-5.10</span> <span>15.38</span>	17.00 <span>-5.29</span> <span>18.08</span>	19.91 <span>-5.85</span> <span>10.38</span>	20.60 <span>-1.96</span> <span>0.00</span>	20.01 <span>-5.13</span> <span>12.34</span>	19.36 <span>-1.74</span> <span>0.00</span>	22.73 <span>-5.92</span> <span>14.92</span>	24.44 <span>-5.45</span> <span>12.33</span>	22.21 <span>-6.65</span> <span>13.47</span>	25.00 <span>-4.90</span> <span>7.54</span>	25.00 <span>-4.26</span> <span>0.51</span>	24.99 <span>-5.39</span> <span>9.22</span>	21.12 <span>-5.34</span> <span>6.31</span>	23.18 <span>-5.49</span> <span>10.56</span>	36.48 <span>-3.37</span> <span>0.00</span>	31.79 <span>-2.36</span> <span>0.00</span>	20.71 <span>-6.07</span> <span>11.39</span>	20.71 <span>-5.81</span> <span>15.28</span>	29.00 <span>-6.22</span> <span>11.58</span>	25.00 <span>-6.55</span> <span>10.98</span>	35.18 <span>-5.20</span> <span>2.63</span>
WEST 61752	24.47 <span>-2.02</span> <span>0.00</span>	22.72 <span>-2.08</span> <span>0.00</span>	25.03 <span>-2.41</span> <span>0.00</span>	24.55 <span>-2.53</span> <span>0.00</span>	20.90 <span>-2.07</span> <span>0.00</span>	32.08 <span>-3.35</span> <span>0.00</span>	20.67 <span>-1.88</span> <span>0.00</span>	22.64 <span>-1.99</span> <span>0.00</span>	19.36 <span>-1.74</span> <span>0.00</span>	21.87 <span>-1.98</span> <span>0.00</span>	30.94 <span>-3.00</span> <span>0.00</span>	45.76 <span>-4.50</span> <span>0.00</span>	21.58 <span>-1.77</span> <span>0.00</span>	20.63 <span>-1.51</span> <span>0.00</span>	20.60 <span>-1.43</span> <span>0.00</span>	22.91 <span>-1.79</span> <span>0.00</span>	50.89 <span>-4.59</span> <span>0.00</span>	36.70 <span>-3.16</span> <span>0.00</span>	31.76 <span>-2.39</span> <span>0.00</span>	40.11 <span>-3.77</span> <span>0.00</span>	33.06 <span>-3.09</span> <span>0.00</span>	21.22 <span>-2.01</span> <span>0.00</span>	20.88 <span>-2.18</span> <span>0.00</span>	26.30 <span>-2.10</span> <span>0.00</span>