

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/02/2002

Name PTID CAPITL 61757	00:00 EST 49.04 3.95 0.00	01:00 EST 49.85 4.05 0.00	02:00 EST 47.47 3.86 0.00	03:00 EST 28.03 2.20 0.00	04:00 EST 27.47 2.10 0.00	05:00 EST 72.53 5.64 0.00	06:00 EST 88.37 6.51 0.00	07:00 EST 47.34 2.56 0.00	08:00 EST 53.77 3.17 0.00	09:00 EST 77.51 4.80 0.00	10:00 EST 54.99 3.39 0.00	11:00 EST 51.91 3.08 0.00	12:00 EST 51.97 3.02 0.00	13:00 EST 52.85 3.25 0.00	14:00 EST 61.28 3.77 0.00	15:00 EST 38.75 2.44 0.00	16:00 EST 40.07 2.31 0.00	17:00 EST 68.05 3.99 0.00	18:00 EST 84.47 4.82 0.00	19:00 EST 86.89 5.03 0.00	20:00 EST 76.82 4.49 0.00	21:00 EST 61.32 3.79 0.00	22:00 EST 44.01 2.78 0.00	23:00 EST 43.54 2.92 0.00
CENTRL 61754	43.58 -1.52 0.00	44.23 -1.57 0.00	42.09 -1.51 0.00	24.97 -0.86 0.00	24.51 -0.86 0.00	64.65 -2.24 0.00	79.32 -2.54 0.00	43.64 -1.14 0.00	49.24 -1.36 0.00	70.71 -2.00 0.00	50.15 -1.45 0.00	47.48 -1.34 0.00	47.61 -1.34 0.00	48.20 -1.39 0.00	55.93 -1.58 0.00	35.28 -1.03 0.00	36.85 -0.92 0.00	62.75 -1.32 0.00	78.04 -1.62 0.00	80.19 -1.67 0.00	70.71 -1.62 0.00	56.14 -1.39 0.00	40.21 -1.03 0.00	39.39 -1.23 0.00
DUNWOD 61760	47.39 2.29 0.00	48.02 2.22 0.00	45.65 2.05 0.00	27.03 1.20 0.00	26.67 1.30 0.00	70.87 3.98 0.00	86.87 5.01 0.00	47.84 3.06 0.00	53.89 3.29 0.00	77.41 4.70 0.00	55.03 3.43 0.00	51.94 3.12 0.00	52.18 3.23 0.00	52.75 3.16 0.00	60.97 3.47 0.00	38.70 2.39 0.00	40.72 2.96 0.00	68.43 4.36 0.00	84.40 4.74 0.00	86.44 4.58 0.00	76.22 3.88 0.00	60.50 2.97 0.00	43.18 1.95 0.00	42.50 1.88 0.00
GENESE 61753	45.10 0.00 0.00	45.62 -0.18 0.00	43.39 -0.22 0.00	25.75 -0.08 0.00	25.27 -0.10 0.00	66.53 -0.36 0.00	81.70 -0.16 0.00	44.73 -0.05 0.00	50.73 0.13 0.00	73.13 0.42 0.00	52.05 0.46 0.00	49.37 0.55 0.00	49.60 0.65 0.00	50.27 0.67 0.00	58.49 0.99 0.00	36.75 0.44 0.00	37.99 0.23 0.00	65.16 1.09 0.00	81.42 1.77 0.00	83.58 1.72 0.00	73.67 1.34 0.00	58.59 1.07 0.00	42.13 0.90 0.00	41.13 0.51 0.00
H Q 61844	45.20 0.10 0.00	45.82 0.02 0.00	43.59 -0.02 0.00	25.80 -0.03 0.00	25.40 0.03 0.00	67.12 0.23 0.00	82.29 0.43 0.00	44.92 0.14 0.00	50.79 0.19 0.00	72.96 0.25 0.00	51.92 0.32 0.00	53.89 0.11 0.04	49.19 0.24 0.00	49.89 0.30 0.00	53.10 0.27 1.59	36.60 0.28 0.00	37.81 0.05 0.00	64.33 0.26 0.00	80.33 0.67 0.00	82.52 0.66 0.00	46.35 0.12 14.53	44.14 0.39 12.03	41.75 0.51 0.00	41.13 0.52 0.00
HUD VL 61758	46.48 1.38 0.00	47.16 1.36 0.00	44.85 1.24 0.00	26.55 0.72 0.00	26.15 0.78 0.00	69.37 2.47 0.00	85.19 3.33 0.00	46.94 2.16 0.00	52.88 2.28 0.00	75.81 3.10 0.00	53.83 2.23 0.00	50.90 2.08 0.00	51.07 2.12 0.00	51.68 2.08 0.00	59.76 2.25 0.00	37.88 1.56 0.00	39.79 2.03 0.00	67.02 2.95 0.00	82.88 3.22 0.00	85.01 3.15 0.00	75.03 2.69 0.00	59.43 1.90 0.00	42.40 1.17 0.00	41.75 1.14 0.00
LONGIL 61762	48.10 3.00 0.00	48.92 3.11 0.00	46.50 2.90 0.00	27.53 1.71 0.00	27.18 1.81 0.00	72.07 5.17 0.00	86.91 5.05 0.00	47.29 2.52 0.00	53.36 2.76 0.00	77.23 4.52 0.00	54.94 3.34 0.00	51.81 2.99 0.00	52.23 3.28 0.00	53.14 3.54 0.00	61.60 4.10 0.00	39.12 2.81 0.00	51.84 3.60 -10.48	68.75 4.68 0.00	84.34 4.68 0.00	86.39 4.53 0.00	76.92 4.02 -0.57	61.04 3.51 0.00	43.50 2.27 0.00	42.88 2.26 0.00
MHK VL 61756	46.31 1.21 0.00	47.02 1.22 0.00	44.76 1.15 0.00	26.50 0.67 0.00	26.04 0.67 0.00	68.86 1.96 0.00	84.35 2.49 0.00	45.89 1.11 0.00	51.85 1.25 0.00	74.47 1.76 0.00	52.89 1.29 0.00	50.05 1.22 0.00	50.22 1.27 0.00	50.87 1.28 0.00	59.04 1.54 0.00	37.31 1.00 0.00	38.67 0.91 0.00	65.78 1.72 0.00	81.77 2.11 0.00	84.16 2.30 0.00	74.25 1.91 0.00	59.14 1.61 0.00	42.48 1.24 0.00	41.77 1.15 0.00
MILLWD 61759	46.74 1.64 0.00	47.38 1.58 0.00	45.04 1.44 0.00	26.66 0.84 0.00	26.31 0.94 0.00	69.89 2.99 0.00	85.69 3.83 0.00	47.21 2.43 0.00	53.17 2.57 0.00	76.34 3.63 0.00	54.24 2.64 0.00	51.21 2.38 0.00	51.41 2.46 0.00	51.99 2.39 0.00	60.10 2.59 0.00	38.13 1.82 0.00	40.09 2.33 0.00	67.40 3.33 0.00	83.17 3.52 0.00	85.24 3.38 0.00	75.21 2.88 0.00	59.67 2.14 0.00	42.61 1.38 0.00	41.95 1.33 0.00
N.Y.C. 61761	48.67 3.17 -0.40	48.85 3.05 0.00	46.46 2.85 0.00	27.51 1.68 0.00	27.17 1.80 0.00	72.37 5.45 -0.03	88.67 6.81 0.00	74.44 4.02 -25.64	55.67 4.33 -0.73	82.48 6.21 -3.56	135.58 4.56 -79.41	104.91 4.10 -51.99	107.12 4.17 -54.00	81.88 4.00 -28.28	70.74 4.44 -8.80	55.50 2.99 -16.19	74.35 3.59 -33.00	125.19 5.37 -55.75	102.89 5.80 -17.43	87.53 5.67 0.00	77.26 4.93 0.00	68.83 3.82 -7.49	55.37 2.58 -11.56	44.44 2.49 -1.33
NORTH 61755	45.63 0.53 0.00	46.26 0.45 0.00	43.99 0.39 0.00	26.03 0.20 0.00	25.64 0.27 0.00	67.85 0.96 0.00	83.12 1.26 0.00	45.24 0.47 0.00	51.16 0.56 0.00	73.50 0.80 0.00	52.32 0.73 0.00	49.44 0.61 0.00	49.56 0.61 0.00	50.27 0.67 0.00	58.42 0.91 0.00	36.90 0.59 0.00	38.06 0.30 0.00	64.79 0.72 0.00	80.88 1.23 0.00	83.14 1.28 0.00	73.55 1.21 0.00	58.62 1.09 0.00	42.15 0.92 0.00	41.55 0.94 0.00
NPX 61845	47.34 2.24 0.00	48.10 2.30 0.00	45.80 2.20 0.00	27.06 1.24 0.00	26.55 1.18 0.00	70.15 3.26 0.00	85.49 3.63 0.00	46.09 1.31 0.00	52.20 1.60 0.00	75.06 2.35 0.00	53.28 1.68 0.00	56.31 2.53 0.04	50.98 2.03 0.00	52.19 2.59 0.00	55.01 2.18 1.59	38.29 1.97 0.00	39.73 1.97 0.00	67.15 3.09 0.00	83.24 3.59 0.00	85.57 3.71 0.00	48.78 2.55 14.53	45.65 1.90 12.03	43.15 1.91 0.00	42.79 2.17 0.00

PJH 61846	37.15 <span>-7.95</span> 0.00	37.66 <span>-8.15</span> 0.00	35.89 <span>-7.72</span> 0.00	21.42 <span>-4.41</span> 0.00	21.06 <span>-4.31</span> 0.00	55.19 <span>-11.71</span> 0.00	68.29 <span>-13.57</span> 0.00	38.15 <span>-6.63</span> 0.00	42.53 <span>-8.07</span> 0.00	60.64 <span>-12.07</span> 0.00	43.10 <span>-8.50</span> 0.00	47.00 <span>-6.78</span> 0.04	41.05 <span>-7.90</span> 0.00	41.46 <span>-8.14</span> 0.00	46.90 <span>-5.93</span> 1.59	30.22 <span>-6.10</span> 0.00	31.43 <span>-6.33</span> 0.00	53.67 <span>-10.39</span> 0.00	67.15 <span>-12.51</span> 0.00	68.89 <span>-12.97</span> 0.00	40.15 <span>-6.08</span> 14.53	38.56 <span>-5.19</span> 12.03	34.93 <span>-6.30</span> 0.00	34.15 <span>-6.47</span> 0.00
PJM 61847	23.99 <span>-3.78</span> 1.05	42.76 <span>-3.04</span> 0.00	26.99 <span>-5.54</span> 4.14	25.99 <span>-5.75</span> 5.33	27.51 <span>-5.58</span> 3.41	62.79 <span>-4.10</span> 0.00	77.51 <span>-4.35</span> 0.00	43.02 <span>-1.76</span> 0.00	48.06 <span>-2.54</span> 0.00	68.65 <span>-4.05</span> 0.00	36.00 <span>-7.72</span> 10.30	37.12 <span>-7.27</span> 9.43	39.00 <span>-7.92</span> 8.09	40.00 <span>-7.65</span> 6.25	35.53 <span>-7.62</span> 11.27	34.19 <span>-2.12</span> 0.00	35.69 <span>-2.08</span> 0.00	60.69 <span>-3.38</span> 0.00	75.58 <span>-4.07</span> 0.00	77.68 <span>-4.18</span> 0.00	39.00 <span>-7.23</span> 14.53	36.00 <span>-7.75</span> 12.03	23.50 <span>-8.48</span> 20.38	21.60 <span>-7.67</span> 18.95
WEST 61752	41.38 <span>-3.72</span> 0.00	41.94 <span>-3.86</span> 0.00	39.95 <span>-3.66</span> 0.00	23.86 <span>-1.97</span> 0.00	23.45 <span>-1.92</span> 0.00	61.44 <span>-5.46</span> 0.00	76.28 <span>-5.58</span> 0.00	42.79 <span>-1.99</span> 0.00	47.67 <span>-2.94</span> 0.00	67.94 <span>-4.77</span> 0.00	48.28 <span>-3.31</span> 0.00	45.91 <span>-2.92</span> 0.00	45.96 <span>-2.99</span> 0.00	46.44 <span>-3.16</span> 0.00	53.90 <span>-3.60</span> 0.00	33.81 <span>-2.50</span> 0.00	35.19 <span>-2.57</span> 0.00	60.20 <span>-3.87</span> 0.00	75.36 <span>-4.30</span> 0.00	77.26 <span>-4.60</span> 0.00	68.30 <span>-4.03</span> 0.00	54.25 <span>-3.27</span> 0.00	39.04 <span>-2.19</span> 0.00	38.06 <span>-2.56</span> 0.00