

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/30/2002

Name PTID	00:00 EDT	01:00 EDT	02:00 EDT	03:00 EDT	04:00 EDT	05:00 EDT	06:00 EDT	07:00 EDT	08:00 EDT	09:00 EDT	10:00 EDT	11:00 EDT	12:00 EDT	13:00 EDT	14:00 EDT	15:00 EDT	16:00 EDT	17:00 EDT	18:00 EDT	19:00 EDT	20:00 EDT	21:00 EDT	22:00 EDT	23:00 EDT
CAPITL 61757	39.29 1.69 0.00	35.07 1.88 0.00	28.11 1.69 0.00	31.12 1.84 0.00	33.83 2.02 0.00	49.23 2.87 0.00	45.39 1.73 0.00	64.21 1.52 0.00	91.23 1.62 0.00	137.03 2.84 0.00	76.13 1.03 0.00	72.87 1.10 0.00	52.83 0.37 0.00	47.20 0.48 0.00	47.86 0.92 0.00	51.41 1.12 0.00	80.50 2.24 0.00	78.20 2.03 0.00	61.70 1.06 0.00	48.00 0.72 0.00	44.32 1.07 0.00	44.19 1.68 0.00	41.46 1.14 0.00	41.27 1.26 0.00
CENTRL 61754	36.61 -0.99 0.00	32.69 -0.51 0.00	26.02 -0.40 0.00	28.63 -0.65 0.00	30.94 -0.87 0.00	45.12 -1.24 0.00	42.63 -1.02 0.00	61.32 -1.37 0.00	88.01 -1.60 0.00	132.22 -1.97 0.00	74.00 -1.10 0.00	70.56 -1.21 0.00	51.63 -0.83 0.00	45.97 -0.76 0.00	46.12 -0.81 0.00	49.44 -0.85 0.00	76.98 -1.29 0.00	74.73 -1.43 0.00	59.59 -1.05 0.00	46.39 -0.89 0.00	42.43 -0.83 0.00	41.65 -0.86 0.00	39.43 -0.89 0.00	39.01 -1.00 0.00
DUNWOD 61760	39.90 2.30 0.00	34.68 1.49 0.00	27.58 1.17 0.00	30.76 1.49 0.00	33.57 1.76 0.00	48.74 2.39 0.00	46.52 2.87 0.00	67.96 5.27 0.00	97.68 8.07 0.00	146.42 12.23 0.00	83.22 8.12 0.00	79.91 8.14 0.00	58.73 6.27 0.00	52.59 5.87 0.00	52.62 5.68 0.00	56.28 5.99 0.00	87.22 8.96 0.00	84.45 8.29 0.00	66.82 6.17 0.00	52.06 4.78 0.00	47.45 4.20 0.00	46.24 3.73 0.00	44.07 3.75 0.00	43.46 3.45 0.00
GENESE 61753	37.05 -0.55 0.00	33.34 0.14 0.00	26.54 0.12 0.00	29.18 -0.10 0.00	31.51 -0.29 0.00	46.01 -0.35 0.00	42.85 -0.80 0.00	60.87 -1.82 0.00	86.88 -2.74 0.00	130.55 -3.64 0.00	72.78 -2.33 0.00	69.59 -2.18 0.00	50.88 -1.58 0.00	45.26 -1.47 0.00	45.67 -1.27 0.00	48.99 -1.30 0.00	76.33 -1.94 0.00	74.31 -1.85 0.00	59.25 -1.40 0.00	45.91 -1.37 0.00	42.11 -1.15 0.00	41.71 -0.81 0.00	39.04 -1.28 0.00	38.68 -1.33 0.00
H Q 61844	35.01 -0.29 6.53	29.28 -0.25 11.98	23.01 -0.18 12.28	22.71 -0.47 10.59	31.28 -0.53 0.00	45.63 -0.73 0.00	42.84 -0.82 0.00	61.60 -1.09 0.00	87.85 -1.76 0.00	130.89 -3.30 0.00	79.00 -2.55 3.36	101.39 -3.44 10.00	130.17 -4.34 10.00	170.29 -5.48 13.15	186.47 -3.12 -85.62	163.92 -2.22 -92.10	143.96 -2.08 -79.03	109.00 -2.47 -16.58	91.53 -2.01 -13.23	46.45 -0.83 0.00	42.41 -0.85 0.00	41.78 -0.74 0.00	41.37 -1.15 -1.59	39.15 -0.86 0.00
HUD VL 61758	39.48 1.88 0.00	34.31 1.12 0.00	27.26 0.84 0.00	30.34 1.06 0.00	33.02 1.21 0.00	47.94 1.59 0.00	45.67 2.02 0.00	66.53 3.84 0.00	95.49 5.87 0.00	143.13 8.93 0.00	81.12 6.02 0.00	77.94 6.17 0.00	57.20 4.74 0.00	51.04 4.31 0.00	51.02 4.08 0.00	54.70 4.41 0.00	84.80 6.53 0.00	82.25 6.08 0.00	65.22 4.57 0.00	50.89 3.61 0.00	46.46 3.21 0.00	45.28 2.77 0.00	43.11 2.78 0.00	42.53 2.52 0.00
LONGIL 61762	174.66 1.87 -135.19	173.19 1.04 -138.95	184.44 0.85 -157.17	184.56 1.11 -154.17	137.82 1.40 -104.62	112.89 1.86 -64.68	120.29 2.19 -74.45	126.01 4.33 -58.98	169.07 5.98 -73.47	222.08 9.37 -78.53	186.77 6.84 -104.83	187.46 6.84 -108.85	186.68 5.34 -128.88	186.43 5.12 -134.58	186.37 4.92 -134.51	186.43 5.24 -130.90	186.38 7.71 -100.41	186.80 7.16 -103.48	186.03 5.37 -120.01	186.31 3.99 -135.04	186.15 3.47 -139.42	177.44 3.14 -131.79	170.95 3.40 -127.23	152.03 3.47 -108.56
MHK VL 61756	38.29 0.69 0.00	33.82 0.63 0.00	26.91 0.49 0.00	29.81 0.53 0.00	32.37 0.56 0.00	47.23 0.87 0.00	44.33 0.68 0.00	63.38 0.68 0.00	90.36 0.75 0.00	135.27 1.08 0.00	75.81 0.71 0.00	72.54 0.77 0.00	53.08 0.62 0.00	47.38 0.65 0.00	47.62 0.68 0.00	50.99 0.70 0.00	79.41 1.14 0.00	77.35 1.19 0.00	61.57 0.92 0.00	47.85 0.57 0.00	43.77 0.52 0.00	43.13 0.62 0.00	40.70 0.38 0.00	40.42 0.41 0.00
MILLWD 61759	39.42 1.82 0.00	34.29 1.09 0.00	27.24 0.82 0.00	30.37 1.09 0.00	33.13 1.32 0.00	48.09 1.74 0.00	45.82 2.16 0.00	66.93 4.24 0.00	96.00 6.39 0.00	144.29 10.10 0.00	81.98 6.88 0.00	78.70 6.93 0.00	57.81 5.35 0.00	51.75 5.03 0.00	51.78 4.84 0.00	55.40 5.11 0.00	85.75 7.49 0.00	83.11 6.94 0.00	65.82 5.18 0.00	51.31 4.03 0.00	46.76 3.51 0.00	45.57 3.06 0.00	43.43 3.10 0.00	42.83 2.82 0.00
N.Y.C. 61761	55.47 2.52 -15.35	49.44 1.53 -14.71	43.82 1.24 -16.16	47.97 1.62 -17.07	50.32 1.97 -16.54	62.96 2.68 -13.93	58.75 3.11 -11.98	86.08 6.01 -17.38	145.53 8.68 -47.24	163.39 13.55 -15.65	96.80 8.91 -12.79	92.93 8.86 -12.30	92.23 6.80 -32.97	72.18 6.39 -19.06	83.87 6.13 -30.80	85.04 6.39 -28.37	97.92 9.39 -10.26	92.59 8.64 -7.79	86.26 6.35 -19.26	62.86 4.96 -10.63	54.64 4.38 -7.01	54.67 3.93 -8.23	53.73 4.03 -9.37	77.06 3.86 -33.19
NORTH 61755	37.23 -0.37 0.00	32.85 -0.34 0.00	26.10 -0.32 0.00	28.91 -0.37 0.00	31.39 -0.42 0.00	45.81 -0.55 0.00	42.99 -0.66 0.00	61.75 -0.94 0.00	87.85 -1.76 0.00	130.99 -3.20 0.00	73.31 -1.79 0.00	70.19 -1.58 0.00	51.24 -1.22 0.00	45.65 -1.08 0.00	45.91 -1.03 0.00	49.16 -1.13 0.00	76.60 -1.66 0.00	74.82 -1.35 0.00	59.67 -0.97 0.00	46.50 -0.78 0.00	42.45 -0.80 0.00	41.87 -0.64 0.00	39.49 -0.83 0.00	39.14 -0.87 0.00
NPX 61845	36.93 1.63 6.53	31.19 1.66 11.98	25.00 1.81 12.28	25.00 1.82 10.59	33.44 1.63 0.00	48.59 2.24 0.00	45.24 1.59 0.00	64.85 2.15 0.00	92.32 2.70 0.00	138.34 4.15 0.00	77.18 2.08 0.00	74.01 2.24 0.00	53.96 1.51 0.00	188.99 13.22 13.15	207.08 7.49 -95.62	181.32 5.18 -102.10	160.73 4.69 -89.03	117.92 6.45 -16.58	99.00 5.46 -13.23	48.63 1.35 0.00	44.72 1.47 0.00	44.27 1.75 0.00	44.98 2.46 -1.59	41.63 1.62 0.00

PJM 61846	33.79 <b>-1.51</b> 6.53	27.87 <b>-1.66</b> 11.98	19.96 <b>-3.23</b> 12.28	20.92 <b>-2.26</b> 10.59	27.48 <b>-4.33</b> 0.00	40.13 <b>-6.22</b> 0.00	38.35 <b>-5.30</b> 0.00	55.14 <b>-7.56</b> 0.00	78.40 <b>-11.22</b> 0.00	117.39 <b>-16.80</b> 0.00	66.16 <b>-8.94</b> 0.00	63.33 <b>-8.44</b> 0.00	46.94 <b>-5.52</b> 0.00	175.39 <b>-0.38</b> 13.15	198.34 <b>-1.25</b> <b>-95.62</b>	174.88 <b>-1.26</b> <b>-102.10</b>	155.24 <b>-0.80</b> <b>-89.03</b>	111.56 <b>0.09</b> <b>-16.58</b>	92.34 <b>-1.20</b> <b>-13.23</b>	41.64 <b>-5.63</b> 0.00	37.84 <b>-5.41</b> 0.00	36.81 <b>-5.70</b> 0.00	42.52 <b>0.00</b> <b>-1.59</b>	34.90 <b>-5.11</b> 0.00
PJM 61847	33.21 <b>-2.09</b> 6.53	27.00 <b>-2.53</b> 11.98	19.18 <b>-4.01</b> 12.28	20.44 <b>-2.74</b> 10.59	30.08 <b>-1.73</b> 0.00	43.88 <b>-2.48</b> 0.00	42.06 <b>-1.59</b> 0.00	61.05 <b>-1.64</b> 0.00	87.77 <b>-1.84</b> 0.00	131.19 <b>-3.00</b> 0.00	73.96 <b>-1.14</b> 0.00	70.74 <b>-1.03</b> 0.00	52.15 <b>-0.31</b> 0.00	184.84 <b>9.07</b> 13.15	204.79 <b>5.20</b> <b>-95.62</b>	179.99 <b>3.85</b> <b>-102.10</b>	159.99 <b>3.95</b> <b>-89.03</b>	116.21 <b>4.74</b> <b>-16.58</b>	98.60 <b>5.06</b> <b>-13.23</b>	46.50 <b>-0.78</b> 0.00	42.24 <b>-1.01</b> 0.00	41.11 <b>-1.40</b> 0.00	44.24 <b>1.72</b> <b>-1.59</b>	38.69 <b>-1.32</b> 0.00
WEST 61752	37.19 <b>-0.40</b> 0.00	32.61 <b>-0.59</b> 0.00	25.65 <b>-0.76</b> 0.00	28.39 <b>-0.89</b> 0.00	30.60 <b>-1.21</b> 0.00	44.71 <b>-1.65</b> 0.00	42.70 <b>-0.95</b> 0.00	61.72 <b>-0.97</b> 0.00	87.82 <b>-1.80</b> 0.00	131.53 <b>-2.66</b> 0.00	74.26 <b>-0.85</b> 0.00	71.13 <b>-0.64</b> 0.00	52.76 <b>0.30</b> 0.00	46.56 <b>-0.16</b> 0.00	46.27 <b>-0.67</b> 0.00	49.33 <b>-0.96</b> 0.00	75.79 <b>-2.47</b> 0.00	74.23 <b>-1.94</b> 0.00	59.88 <b>-0.77</b> 0.00	46.67 <b>-0.61</b> 0.00	42.38 <b>-0.87</b> 0.00	41.19 <b>-1.33</b> 0.00	39.27 <b>-1.05</b> 0.00	38.97 <b>-1.04</b> 0.00