

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/15/2002

Name PTID	00:00 EST	01:00 EST	02:00 EST	03:00 EST	04:00 EST	05:00 EST	06:00 EST	07:00 EST	08:00 EST	09:00 EST	10:00 EST	11:00 EST	12:00 EST	13:00 EST	14:00 EST	15:00 EST	16:00 EST	17:00 EST	18:00 EST	19:00 EST	20:00 EST	21:00 EST	22:00 EST	23:00 EST
CAPITL 61757	19.27 1.33 0.00	28.19 2.12 0.00	28.36 2.22 0.00	47.84 3.73 0.00	46.50 3.65 0.00	40.75 2.87 0.00	44.26 3.32 0.00	45.34 2.66 0.00	46.60 2.62 0.00	49.77 3.11 0.00	111.32 7.29 0.00	64.01 4.22 0.00	60.37 3.78 0.00	31.61 1.83 0.00	43.71 2.78 0.00	42.12 2.87 0.00	39.44 2.62 0.00	34.42 2.05 0.00	50.63 3.14 0.00	42.82 2.89 0.00	44.66 2.94 0.00	49.26 3.30 0.00	49.30 3.31 0.00	44.95 3.47 0.00
CENTRL 61754	17.60 -0.34 0.00	25.41 -0.66 0.00	25.38 -0.76 0.00	42.78 -1.34 0.00	41.50 -1.34 0.00	36.78 -1.11 0.00	39.86 -1.08 0.00	41.58 -1.11 0.00	42.90 -1.07 0.00	45.53 -1.13 0.00	101.24 -2.79 0.00	58.26 -1.52 0.00	55.15 -0.72 0.00	29.07 -0.72 0.00	39.89 -1.03 0.00	38.16 -1.09 0.00	35.87 -0.95 0.00	31.62 -0.75 0.00	46.46 -1.03 0.00	38.94 -0.99 0.00	40.64 -1.08 0.00	44.72 -1.24 0.00	44.65 -1.33 0.00	40.10 -1.39 0.00
DUNWOD 61760	18.76 0.81 0.00	27.15 1.08 0.00	27.20 1.06 0.00	45.85 1.73 0.00	44.51 1.67 0.00	39.64 1.75 0.00	43.02 2.07 0.00	45.40 2.71 0.00	46.94 2.96 0.00	49.65 3.00 0.00	111.33 7.30 0.00	63.36 3.58 0.00	60.14 3.55 0.00	61.34 1.98 -29.58	51.80 2.69 -8.19	53.36 2.69 -11.42	74.73 2.50 -35.42	91.07 2.46 -56.23	60.02 3.19 -9.34	58.92 2.66 -16.33	49.70 2.83 -5.15	49.09 3.13 0.00	48.96 2.97 0.00	44.05 2.57 0.00
GENESE 61753	17.91 -0.04 0.00	26.04 -0.03 0.00	26.02 -0.11 0.00	43.88 -0.24 0.00	42.63 -0.21 0.00	37.73 -0.16 0.00	41.06 0.12 0.00	42.59 -0.10 0.00	43.96 -0.01 0.00	46.90 0.24 0.00	105.07 1.05 0.00	60.70 0.91 0.00	57.38 0.79 0.00	30.13 0.34 0.00	41.40 0.48 0.00	39.61 0.36 0.00	37.27 0.45 0.00	32.61 0.24 0.00	48.09 0.60 0.00	40.37 0.44 0.00	42.07 0.36 0.00	46.31 0.35 0.00	46.32 0.34 0.00	41.56 0.07 0.00
H Q 61844	17.89 -0.05 0.00	35.00 0.24 -5.00	35.00 0.21 -4.71	43.79 -0.33 0.00	36.00 0.16 -2.96	37.79 -0.10 0.00	40.95 0.00 0.00	42.76 0.08 0.00	43.96 -0.02 0.00	46.66 0.00 0.00	103.93 -0.10 0.00	59.76 -0.03 0.00	56.54 -0.05 0.00	29.69 -0.10 0.00	40.77 -0.15 0.00	39.09 -0.16 0.00	41.96 -0.18 2.82	32.16 -0.21 0.00	47.26 -0.23 0.00	39.77 -0.16 0.00	41.57 -0.15 0.00	45.83 -0.13 0.00	46.07 0.09 0.00	41.50 0.02 0.00
HUD VL 61758	18.30 0.35 0.00	26.53 0.46 0.00	26.59 0.45 0.00	44.84 0.72 0.00	43.52 0.67 0.00	38.64 0.76 0.00	41.91 0.96 0.00	44.11 1.43 0.00	45.55 1.58 0.00	48.15 1.49 0.00	107.73 3.70 0.00	61.61 1.82 0.00	58.51 1.92 0.00	30.84 1.05 0.00	42.25 1.32 0.00	40.58 1.33 0.00	38.04 1.22 0.00	33.73 1.36 0.00	49.21 1.72 0.00	41.32 1.39 0.00	43.14 1.42 0.00	47.47 1.51 0.00	47.30 1.32 0.00	42.63 1.15 0.00
LONGIL 61762	18.93 0.98 0.00	27.60 1.53 0.00	27.67 1.54 0.00	46.63 2.51 0.00	45.28 2.44 0.00	40.21 2.33 0.00	43.20 2.25 0.00	45.44 2.76 0.00	47.00 3.03 0.00	49.82 3.16 0.00	110.79 6.77 0.00	62.82 3.03 0.00	58.74 2.15 0.00	64.42 1.36 -33.28	51.18 2.07 -8.19	52.83 2.16 -11.42	74.20 1.96 -35.42	90.61 2.01 -56.23	59.77 2.33 -9.95	58.58 2.32 -16.33	49.72 2.85 -5.15	49.26 3.30 0.00	49.20 3.21 0.00	44.30 2.81 0.00
MHK VL 61756	18.30 0.35 0.00	26.59 0.52 0.00	26.66 0.52 0.00	44.99 0.87 0.00	43.71 0.87 0.00	38.66 0.77 0.00	41.89 0.95 0.00	43.39 0.70 0.00	44.70 0.72 0.00	47.49 0.83 0.00	105.98 1.95 0.00	60.87 1.08 0.00	57.64 1.05 0.00	30.30 0.51 0.00	41.68 0.75 0.00	40.02 0.77 0.00	37.56 0.74 0.00	32.93 0.56 0.00	48.36 0.87 0.00	40.70 0.77 0.00	42.46 0.74 0.00	46.78 0.82 0.00	46.82 0.83 0.00	42.34 0.85 0.00
MILLWD 61759	18.57 0.62 0.00	26.87 0.80 0.00	26.92 0.78 0.00	45.39 1.27 0.00	44.07 1.22 0.00	39.22 1.34 0.00	42.56 1.61 0.00	44.88 2.19 0.00	46.39 2.41 0.00	49.06 2.40 0.00	110.67 6.65 0.00	62.90 3.12 0.00	59.75 3.16 0.00	61.12 1.75 -29.58	51.47 2.36 -8.19	53.03 2.37 -11.42	74.43 2.20 -35.42	90.81 2.21 -56.23	59.68 2.85 -9.34	58.62 2.36 -16.33	49.45 2.58 -5.15	48.89 2.93 0.00	48.76 2.77 0.00	43.89 2.40 0.00
N.Y.C. 61761	23.66 1.12 -4.60	27.57 1.50 0.00	27.58 1.44 0.00	46.48 2.36 0.00	45.12 2.28 0.00	40.27 2.38 0.00	43.80 2.86 0.00	46.27 3.58 0.00	47.89 3.92 0.00	50.89 4.02 -0.21	113.02 8.99 0.00	64.17 4.39 0.00	60.95 4.36 0.00	64.34 2.51 -32.05	52.57 3.46 -8.19	54.09 3.42 -11.42	75.39 3.16 -35.42	91.54 2.94 -56.23	60.56 3.73 -9.34	59.42 3.16 -16.33	50.19 3.32 -5.15	54.63 3.69 -4.99	73.03 3.60 -23.44	52.91 3.15 -8.27
NORTH 61755	18.02 0.07 0.00	26.13 0.05 0.00	26.14 0.00 0.00	44.12 0.00 0.00	42.94 0.09 0.00	38.03 0.15 0.00	41.23 0.29 0.00	42.97 0.28 0.00	44.17 0.20 0.00	46.93 0.27 0.00	104.57 0.54 0.00	60.12 0.33 0.00	56.88 0.28 0.00	29.85 0.06 0.00	41.03 0.10 0.00	39.35 0.10 0.00	36.93 0.11 0.00	32.33 -0.05 0.00	47.51 0.02 0.00	40.00 0.07 0.00	41.77 0.05 0.00	46.05 0.09 0.00	46.33 0.34 0.00	41.80 0.32 0.00
NPX 61845	18.91 0.96 0.00	27.58 1.51 0.00	27.72 1.58 0.00	46.81 2.69 0.00	45.57 2.73 0.00	40.00 2.11 0.00	43.33 2.39 0.00	44.68 1.99 0.00	45.97 2.00 0.00	48.94 2.28 0.00	109.34 5.31 0.00	62.88 3.10 0.00	59.41 2.82 0.00	31.18 1.39 0.00	43.06 2.13 0.00	41.52 2.27 0.00	43.76 1.62 2.82	33.99 1.62 0.00	49.82 2.33 0.00	42.07 2.15 0.00	43.87 2.15 0.00	48.33 2.37 0.00	48.32 2.34 0.00	44.04 2.56 0.00

H 61846	14.25 <span>-3.69</span> 0.00	20.53 <span>-5.54</span> 0.00	20.57 <span>-5.57</span> 0.00	34.73 <span>-9.39</span> 0.00	33.58 <span>-9.27</span> 0.00	29.93 <span>-7.96</span> 0.00	32.09 <span>-8.85</span> 0.00	33.76 <span>-8.92</span> 0.00	34.92 <span>-9.06</span> 0.00	36.85 <span>-9.81</span> 0.00	82.16 <span>-21.87</span> 0.00	47.45 <span>-12.34</span> 0.00	44.81 <span>-11.78</span> 0.00	23.71 <span>-6.08</span> 0.00	32.13 <span>-8.79</span> 0.00	30.72 <span>-8.53</span> 0.00	36.65 <span>-5.49</span> 2.82	26.43 <span>-5.94</span> 0.00	39.32 <span>-8.17</span> 0.00	32.88 <span>-7.04</span> 0.00	34.27 <span>-7.45</span> 0.00	37.70 <span>-8.26</span> 0.00	37.77 <span>-8.21</span> 0.00	33.79 <span>-7.70</span> 0.00
PJM 61847	16.24 <span>-1.71</span> 0.00	21.00 <span>-3.75</span> 5.01	18.76 <span>-5.05</span> 6.27	17.91 <span>-4.83</span> 8.25	28.01 <span>-4.73</span> 0.14	34.71 <span>-3.18</span> 0.00	37.44 <span>-3.50</span> 0.00	39.53 <span>-3.15</span> 0.00	40.82 <span>-3.16</span> 0.00	42.92 <span>-3.74</span> 0.00	36.00 <span>-6.97</span> 3.79	34.00 <span>-7.25</span> 11.67	30.01 <span>-6.26</span> 6.92	28.29 <span>-7.06</span> 11.70	29.21 <span>-6.38</span> 7.51	26.29 <span>-6.15</span> 6.73	35.00 <span>-5.53</span> 4.43	30.16 <span>-2.21</span> 0.00	44.35 <span>-3.14</span> 0.00	38.00 <span>-6.86</span> 0.26	28.00 <span>-7.78</span> 10.26	25.00 <span>-4.97</span> 13.99	22.01 <span>-4.97</span> 17.03	24.00 <span>-7.55</span> 13.14
WEST 61752	16.54 <span>-1.41</span> 0.00	23.96 <span>-2.11</span> 0.00	24.02 <span>-2.11</span> 0.00	40.54 <span>-3.58</span> 0.00	39.13 <span>-3.71</span> 0.00	34.91 <span>-2.97</span> 0.00	37.42 <span>-3.53</span> 0.00	39.45 <span>-3.23</span> 0.00	40.83 <span>-3.15</span> 0.00	43.16 <span>-3.50</span> 0.00	96.08 <span>-7.94</span> 0.00	55.59 <span>-4.19</span> 0.00	52.50 <span>-4.09</span> 0.00	27.80 <span>-1.99</span> 0.00	37.58 <span>-3.34</span> 0.00	35.87 <span>-3.38</span> 0.00	33.78 <span>-3.04</span> 0.00	29.76 <span>-2.61</span> 0.00	43.83 <span>-3.66</span> 0.00	36.60 <span>-3.32</span> 0.00	38.13 <span>-3.58</span> 0.00	41.91 <span>-4.05</span> 0.00	41.99 <span>-4.00</span> 0.00	37.47 <span>-4.02</span> 0.00