

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/03/2002

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	28.82 1.95 0.00	44.56 3.20 0.00	44.60 3.29 0.00	55.95 4.23 0.00	50.64 3.91 0.00	52.56 3.83 0.00	97.62 7.91 0.00	83.64 5.98 0.00	70.68 4.71 0.00	91.54 6.55 0.00	73.23 5.18 0.00	68.07 4.37 0.00	56.50 3.11 0.00	54.50 3.29 0.00	56.40 3.64 0.00	56.42 3.62 0.00	96.17 4.96 0.00	131.18 8.63 0.00	188.64 10.49 0.00	284.36 17.05 0.00	94.35 4.81 0.00	71.00 4.25 0.00	52.52 3.60 0.00	56.59 4.38 0.00
CENTRL 61754	26.17 -0.71 0.00	40.07 -1.29 0.00	39.97 -1.33 0.00	50.03 -1.69 0.00	45.23 -1.50 0.00	47.28 -1.45 0.00	87.25 -2.46 0.00	76.01 -1.64 0.00	64.72 -1.26 0.00	83.14 -1.85 0.00	66.46 -1.59 0.00	62.21 -1.50 0.00	52.16 -1.24 0.00	49.94 -1.28 0.00	51.40 -1.36 0.00	51.38 -1.41 0.00	88.94 -2.27 0.00	119.85 -2.70 0.00	174.73 -3.41 0.00	261.88 -5.43 0.00	87.74 -1.80 0.00	65.18 -1.58 0.00	47.43 -1.49 0.00	50.46 -1.75 0.00
DUNWOD 61760	27.99 1.12 0.00	42.98 1.62 0.00	42.84 1.54 0.00	53.65 1.92 0.00	48.42 1.69 0.00	50.63 1.89 0.00	93.08 3.37 0.00	80.53 2.88 0.00	68.96 2.99 0.00	89.90 4.91 0.00	72.46 4.41 0.00	68.12 4.42 0.00	57.25 3.86 0.00	54.85 3.64 0.00	56.18 3.42 0.00	56.28 3.49 0.00	98.71 7.51 0.00	129.92 7.37 0.00	188.83 10.69 0.00	281.95 14.65 0.00	94.63 5.09 0.00	70.54 3.78 0.00	51.82 2.90 0.00	54.86 2.66 0.00
GENESE 61753	27.23 0.35 0.00	41.74 0.38 0.00	41.66 0.36 0.00	52.08 0.35 0.00	47.25 0.52 0.00	49.46 0.72 0.00	91.55 1.84 0.00	79.32 1.67 0.00	66.89 0.91 0.00	85.81 0.83 0.00	68.42 0.37 0.00	63.97 0.27 0.00	53.55 0.16 0.00	51.46 0.24 0.00	53.25 0.49 0.00	53.21 0.41 0.00	90.91 -0.29 0.00	124.54 1.98 0.00	180.25 2.11 0.00	270.93 3.63 0.00	90.36 0.82 0.00	67.39 0.63 0.00	49.16 0.24 0.00	52.47 0.27 0.00
H Q 61844	25.63 0.38 12.82	41.64 0.29 0.00	41.62 0.31 0.00	52.12 0.40 0.00	47.18 0.44 0.00	49.41 0.67 0.00	91.15 1.44 0.00	78.81 1.16 0.00	62.50 0.44 11.08	55.41 0.34 13.07	67.99 -0.06 0.00	63.66 -0.04 0.00	53.41 0.02 0.00	57.79 0.00 1.93	52.90 0.14 0.00	52.95 0.15 0.00	91.02 -0.19 0.00	123.57 1.01 0.00	178.86 0.71 0.00	269.23 1.92 0.00	90.07 0.53 0.00	67.21 0.46 0.00	49.40 0.48 0.00	52.73 0.53 0.00
HUD VL 61758	27.57 0.69 0.00	42.37 1.01 0.00	42.24 0.94 0.00	52.89 1.16 0.00	47.75 1.01 0.00	49.85 1.11 0.00	91.61 1.90 0.00	79.28 1.62 0.00	67.79 1.81 0.00	88.01 3.03 0.00	70.82 2.77 0.00	66.41 2.70 0.00	55.72 2.33 0.00	53.36 2.14 0.00	54.72 1.96 0.00	54.80 2.01 0.00	95.93 4.72 0.00	126.90 4.34 0.00	185.13 6.98 0.00	276.78 9.48 0.00	92.87 3.33 0.00	69.09 2.33 0.00	50.64 1.71 0.00	53.75 1.55 0.00
LONGIL 61762	28.31 1.43 0.00	43.59 2.23 0.00	43.53 2.23 0.00	54.65 2.92 0.00	49.31 2.58 0.00	51.35 2.61 0.00	93.90 4.19 0.00	80.32 2.67 0.00	69.02 3.04 0.00	91.16 6.18 0.00	73.72 5.67 0.00	69.33 5.63 0.00	58.27 4.88 0.00	55.84 4.62 0.00	57.15 4.39 0.00	57.21 4.41 0.00	100.43 9.23 0.00	129.69 7.13 0.00	187.43 9.29 0.00	279.59 12.28 0.00	105.26 4.33 -11.39	89.21 3.25 -19.21	55.60 2.89 -3.78	55.24 3.03 0.00
MHK VL 61756	27.61 0.73 0.00	42.50 1.15 0.00	42.49 1.19 0.00	53.24 1.52 0.00	48.13 1.39 0.00	50.14 1.41 0.00	92.64 2.93 0.00	79.93 2.28 0.00	67.84 1.86 0.00	87.33 2.35 0.00	69.81 1.76 0.00	65.30 1.59 0.00	54.61 1.21 0.00	52.49 1.27 0.00	54.08 1.32 0.00	54.10 1.30 0.00	93.03 1.83 0.00	125.71 3.15 0.00	182.18 4.04 0.00	273.80 6.49 0.00	91.60 2.06 0.00	68.51 1.75 0.00	50.30 1.38 0.00	53.75 1.55 0.00
MILLWD 61759	27.64 0.77 0.00	42.45 1.09 0.00	42.31 1.00 0.00	52.97 1.25 0.00	47.82 1.08 0.00	49.99 1.25 0.00	91.86 2.15 0.00	79.49 1.83 0.00	68.05 2.07 0.00	88.62 3.63 0.00	71.43 3.38 0.00	67.15 3.44 0.00	56.42 3.03 0.00	54.05 2.83 0.00	55.36 2.60 0.00	55.46 2.67 0.00	97.23 6.03 0.00	128.11 5.56 0.00	186.35 8.21 0.00	278.30 11.00 0.00	93.40 3.85 0.00	69.59 2.83 0.00	51.11 2.19 0.00	54.13 1.92 0.00
N.Y.C. 61761	28.37 1.50 0.00	43.52 2.16 0.00	43.37 2.07 0.00	54.31 2.59 0.00	49.01 2.27 0.00	51.30 2.57 0.00	94.34 4.63 0.00	90.98 3.97 -9.35	70.20 3.90 -0.32	91.23 6.17 -0.07	73.39 5.34 0.00	69.09 5.39 0.00	58.13 4.74 0.00	55.77 4.55 0.00	57.06 4.30 0.00	57.37 4.40 -0.18	100.33 9.13 0.00	131.48 8.93 0.00	190.60 12.45 0.00	284.15 16.84 0.00	95.53 5.99 0.00	77.14 4.80 -5.59	67.65 3.79 -14.94	57.25 3.56 -1.50
NORTH 61755	27.40 0.52 0.00	42.04 0.68 0.00	42.04 0.73 0.00	52.65 0.93 0.00	47.67 0.94 0.00	49.91 1.17 0.00	92.14 2.43 0.00	79.50 1.84 0.00	67.03 1.06 0.00	85.89 0.90 0.00	68.44 0.39 0.00	64.06 0.36 0.00	53.70 0.31 0.00	51.55 0.33 0.00	53.26 0.50 0.00	53.31 0.51 0.00	91.49 0.28 0.00	124.46 1.91 0.00	180.03 1.88 0.00	271.08 3.77 0.00	90.66 1.12 0.00	67.80 1.04 0.00	49.86 0.94 0.00	53.27 1.07 0.00
NPX 61845	26.70 1.45 12.82	43.75 2.39 0.00	43.75 2.45 0.00	54.85 3.13 0.00	49.59 2.86 0.00	51.37 2.64 0.00	94.80 5.09 0.00	81.30 3.65 0.00	64.18 2.12 11.08	57.59 2.52 13.07	71.83 3.77 0.00	67.01 3.31 0.00	55.85 2.46 0.00	60.00 2.21 1.93	55.54 2.78 0.00	55.55 2.75 0.00	95.48 4.27 0.00	128.45 5.89 0.00	185.77 7.63 0.00	279.31 12.01 0.00	93.09 3.55 0.00	69.86 3.10 0.00	51.63 2.71 0.00	55.40 3.20 0.00

O H 61846	21.14 <span>-4.11</span> <span>12.82</span>	34.51 <span>-6.85</span> <span>0.00</span>	34.44 <span>-6.87</span> <span>0.00</span>	43.01 <span>-8.71</span> <span>0.00</span>	38.99 <span>-7.74</span> <span>0.00</span>	41.06 <span>-7.67</span> <span>0.00</span>	75.03 <span>-14.68</span> <span>0.00</span>	65.42 <span>-12.23</span> <span>0.00</span>	56.50 <span>-5.56</span> <span>11.08</span>	49.01 <span>-6.06</span> <span>13.07</span>	56.65 <span>-11.40</span> <span>0.00</span>	53.23 <span>-10.48</span> <span>0.00</span>	44.97 <span>-8.42</span> <span>0.00</span>	53.19 <span>-4.60</span> <span>1.93</span>	44.20 <span>-8.56</span> <span>0.00</span>	44.20 <span>-8.59</span> <span>0.00</span>	76.99 <span>-14.21</span> <span>0.00</span>	102.76 <span>-19.79</span> <span>0.00</span>	151.56 <span>-26.58</span> <span>0.00</span>	226.29 <span>-41.02</span> <span>0.00</span>	76.55 <span>-12.99</span> <span>0.00</span>	56.45 <span>-10.31</span> <span>0.00</span>	40.77 <span>-8.15</span> <span>0.00</span>	43.46 <span>-8.74</span> <span>0.00</span>
PJM 61847	20.00 <span>-5.25</span> <span>12.82</span>	17.00 <span>-6.50</span> <span>17.15</span>	18.48 <span>-5.53</span> <span>11.44</span>	18.01 <span>-5.77</span> <span>15.23</span>	20.90 <span>-6.01</span> <span>14.55</span>	45.87 <span>-2.87</span> <span>0.00</span>	84.16 <span>-5.55</span> <span>0.00</span>	73.02 <span>-4.63</span> <span>0.00</span>	54.89 <span>-7.17</span> <span>11.08</span>	46.42 <span>-8.65</span> <span>13.07</span>	49.00 <span>-7.54</span> <span>0.16</span>	45.50 <span>-7.88</span> <span>7.26</span>	50.80 <span>-2.59</span> <span>0.00</span>	52.48 <span>-5.31</span> <span>1.93</span>	40.00 <span>-6.67</span> <span>6.27</span>	45.00 <span>-7.84</span> <span>7.01</span>	87.13 <span>-4.08</span> <span>0.00</span>	115.83 <span>-6.73</span> <span>0.00</span>	170.25 <span>-7.90</span> <span>0.00</span>	253.68 <span>-13.63</span> <span>0.00</span>	85.69 <span>-3.85</span> <span>0.00</span>	63.34 <span>-3.41</span> <span>0.00</span>	45.94 <span>-2.98</span> <span>0.00</span>	48.97 <span>-3.24</span> <span>0.00</span>
WEST 61752	25.18 <span>-1.70</span> <span>0.00</span>	38.34 <span>-3.02</span> <span>0.00</span>	38.23 <span>-3.08</span> <span>0.00</span>	47.71 <span>-4.02</span> <span>0.00</span>	43.28 <span>-3.45</span> <span>0.00</span>	45.67 <span>-3.07</span> <span>0.00</span>	83.50 <span>-6.21</span> <span>0.00</span>	73.17 <span>-4.48</span> <span>0.00</span>	62.18 <span>-3.80</span> <span>0.00</span>	78.96 <span>-6.03</span> <span>0.00</span>	63.14 <span>-4.91</span> <span>0.00</span>	59.30 <span>-4.40</span> <span>0.00</span>	50.15 <span>-3.24</span> <span>0.00</span>	47.92 <span>-3.30</span> <span>0.00</span>	49.29 <span>-3.47</span> <span>0.00</span>	49.27 <span>-3.52</span> <span>0.00</span>	85.86 <span>-5.35</span> <span>0.00</span>	114.76 <span>-7.80</span> <span>0.00</span>	169.75 <span>-8.39</span> <span>0.00</span>	253.52 <span>-13.79</span> <span>0.00</span>	85.86 <span>-3.68</span> <span>0.00</span>	63.14 <span>-3.61</span> <span>0.00</span>	45.40 <span>-3.53</span> <span>0.00</span>	48.30 <span>-3.91</span> <span>0.00</span>