

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/11/2003

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL 61757	36.58 1.93 0.00	39.03 2.43 0.00	9.90 0.60 0.00	11.27 0.65 0.00	13.65 0.77 0.00	6.76 0.39 0.00	15.56 0.86 0.00	31.34 1.58 0.00	48.57 2.76 0.00	60.70 3.60 0.00	44.95 2.31 0.00	49.25 2.50 0.00	41.61 2.28 0.00	44.02 2.48 0.00	45.81 2.52 0.00	41.20 2.28 0.00	45.37 2.74 0.00	45.28 2.77 0.00	48.86 3.06 0.00	46.20 2.52 0.00	48.00 2.04 0.00	52.30 2.72 0.00	37.64 2.29 0.00	29.51 2.09 0.00
CENTRL 61754	33.84 -0.81 0.00	35.69 -0.92 0.00	9.08 -0.22 0.00	10.37 -0.26 0.00	12.58 -0.30 0.00	6.21 -0.15 0.00	14.34 -0.36 0.00	29.03 -0.72 0.00	44.50 -1.31 0.00	55.36 -1.74 0.00	41.37 -1.27 0.00	45.38 -1.37 0.00	38.21 -1.11 0.00	40.35 -1.19 0.00	42.04 -1.25 0.00	37.79 -1.14 0.00	41.33 -1.30 0.00	41.20 -1.31 0.00	44.38 -1.42 0.00	42.33 -1.35 0.00	44.56 -1.40 0.00	48.10 -1.48 0.00	34.26 -1.09 0.00	26.62 -0.80 0.00
DUNWOD 61760	36.26 1.61 0.00	38.09 1.48 0.00	9.64 0.34 0.00	10.99 0.36 0.00	13.33 0.44 0.00	6.58 0.21 0.00	15.24 0.53 0.00	31.16 1.40 0.00	48.19 2.38 0.00	60.50 3.39 0.00	45.50 2.86 0.00	50.04 3.29 0.00	41.84 2.52 0.00	44.13 2.60 0.00	45.96 2.67 0.00	41.38 2.45 0.00	45.38 2.74 0.00	45.20 2.69 0.00	48.71 2.91 0.00	46.81 3.13 0.00	49.68 3.73 0.00	53.12 3.54 0.00	37.70 2.35 0.00	28.78 1.35 0.00
GENESE 61753	33.80 -0.85 0.00	35.65 -0.95 0.00	9.10 -0.20 0.00	10.41 -0.22 0.00	12.60 -0.28 0.00	6.24 -0.12 0.00	14.33 -0.37 0.00	28.88 -0.88 0.00	44.48 -1.33 0.00	55.38 -1.72 0.00	41.30 -1.34 0.00	45.30 -1.45 0.00	38.30 -1.02 0.00	40.49 -1.05 0.00	42.25 -1.04 0.00	37.93 -1.00 0.00	41.47 -1.16 0.00	41.37 -1.15 0.00	44.53 -1.27 0.00	42.06 -1.62 0.00	43.97 -1.99 0.00	47.88 -1.69 0.00	34.22 -1.13 0.00	26.73 -0.69 0.00
H Q 61844	34.50 -0.15 0.00	36.41 -0.20 0.00	9.25 -0.05 0.00	10.59 -0.04 0.00	12.84 -0.04 0.00	6.35 -0.02 0.00	14.66 -0.04 0.00	29.62 -0.13 0.00	45.63 -0.18 0.00	56.71 -0.39 0.00	49.99 -0.33 4.12	46.36 -0.40 0.00	39.09 -0.23 0.00	41.28 -0.26 0.00	43.05 -0.25 0.00	38.70 -0.23 0.00	42.31 -0.32 0.00	42.22 -0.29 0.00	45.47 -0.33 0.00	43.28 -0.40 0.00	45.50 -0.46 0.00	49.16 -0.42 0.00	34.99 -0.36 0.00	27.38 -0.04 0.00
HUD VL 61758	35.70 1.05 0.00	37.54 0.94 0.00	9.52 0.21 0.00	10.86 0.23 0.00	13.17 0.28 0.00	6.50 0.13 0.00	15.05 0.34 0.00	30.72 0.96 0.00	47.41 1.60 0.00	59.46 2.35 0.00	44.69 2.04 0.00	49.07 2.32 0.00	41.07 1.75 0.00	43.37 1.83 0.00	45.18 1.89 0.00	40.66 1.73 0.00	44.56 1.92 0.00	44.37 1.86 0.00	47.80 2.00 0.00	45.91 2.23 0.00	48.66 2.71 0.00	52.09 2.51 0.00	36.88 1.53 0.00	28.34 0.91 0.00
LONGIL 61762	36.86 2.20 0.00	38.76 2.16 0.00	9.81 0.51 0.00	11.19 0.57 0.00	21.41 0.70 -7.83	50.91 0.35 -44.20	52.20 0.87 -36.62	53.53 2.09 -21.69	55.24 3.23 -6.20	64.51 4.40 -3.01	82.01 3.65 -35.72	55.40 3.84 -4.81	61.06 3.08 -18.66	61.65 3.18 -16.93	59.83 3.26 -13.28	58.03 2.97 -16.13	66.54 3.34 -20.56	72.15 3.31 -26.34	85.24 3.51 -35.93	101.03 3.66 -53.69	183.45 4.34 -133.16	109.35 4.02 -55.75	44.30 2.46 -6.48	45.56 1.77 -16.37
MHK VL 61756	35.34 0.69 0.00	37.40 0.80 0.00	9.50 0.20 0.00	10.84 0.21 0.00	13.15 0.26 0.00	6.50 0.13 0.00	15.01 0.31 0.00	30.40 0.64 0.00	46.85 1.04 0.00	58.30 1.20 0.00	43.40 0.76 0.00	47.57 0.82 0.00	40.12 0.80 0.00	42.38 0.84 0.00	44.12 0.83 0.00	39.66 0.73 0.00	43.48 0.84 0.00	43.38 0.87 0.00	46.78 0.97 0.00	44.43 0.75 0.00	46.48 0.53 0.00	50.34 0.76 0.00	36.05 0.70 0.00	28.03 0.61 0.00
MILLWD 61759	35.75 1.10 0.00	37.55 0.95 0.00	9.51 0.21 0.00	10.84 0.22 0.00	13.15 0.26 0.00	6.49 0.12 0.00	15.03 0.33 0.00	30.73 0.97 0.00	47.51 1.70 0.00	59.62 2.52 0.00	44.84 2.20 0.00	49.30 2.55 0.00	41.24 1.92 0.00	43.50 1.96 0.00	45.31 2.01 0.00	40.79 1.86 0.00	44.72 2.08 0.00	44.53 2.02 0.00	47.98 2.18 0.00	46.10 2.42 0.00	48.92 2.97 0.00	52.34 2.76 0.00	37.02 1.67 0.00	28.32 0.89 0.00
N.Y.C. 61761	37.15 2.23 -0.27	38.71 2.11 0.00	9.79 0.49 0.00	11.16 0.53 0.00	13.52 0.64 0.00	6.67 0.30 0.00	15.47 0.77 0.00	31.68 1.92 0.00	49.05 3.24 0.00	62.11 4.51 -0.49	46.77 3.75 -0.38	51.05 4.30 0.00	42.60 3.28 0.00	44.87 3.34 0.00	46.73 3.44 0.00	42.08 3.15 0.00	46.23 3.59 0.00	46.57 3.55 -0.51	50.29 3.87 -0.62	49.33 4.07 -1.58	52.08 4.78 -1.35	66.30 4.63 -12.09	54.08 3.05 -15.68	34.19 1.83 -4.93
NORTH 61755	34.67 0.02 0.00	36.62 0.02 0.00	9.31 0.00 0.00	10.64 0.02 0.00	12.91 0.02 0.00	6.38 0.01 0.00	14.75 0.04 0.00	29.79 0.03 0.00	45.93 0.12 0.00	57.00 -0.10 0.00	42.42 -0.22 0.00	46.50 -0.25 0.00	39.24 -0.08 0.00	41.44 -0.10 0.00	43.20 -0.09 0.00	38.84 -0.09 0.00	42.49 -0.15 0.00	42.41 -0.10 0.00	45.69 -0.11 0.00	43.42 -0.26 0.00	45.55 -0.41 0.00	49.26 -0.32 0.00	35.19 -0.16 0.00	27.53 0.11 0.00
NPX 61845	35.75 1.10 0.00	38.02 1.42 0.00	43.00 1.64 -1.41	10.99 0.36 0.00	13.31 0.43 0.00	6.58 0.22 0.00	15.17 0.46 0.00	30.67 0.91 0.00	47.47 1.66 0.00	59.40 2.29 0.00	52.99 2.67 4.12	48.39 1.64 0.00	40.71 1.39 0.00	43.08 1.54 0.00	44.85 1.55 0.00	40.33 1.40 0.00	44.37 1.74 0.00	44.23 1.72 0.00	47.71 1.91 0.00	45.35 1.67 0.00	47.41 1.45 0.00	51.39 1.82 0.00	36.84 1.49 0.00	28.72 1.29 0.00

H 61846	29.06 <span>-5.59</span> <span>0.00</span>	30.37 <span>-6.24</span> <span>0.00</span>	7.81 <span>-1.49</span> <span>0.00</span>	8.96 <span>-1.66</span> <span>0.00</span>	10.84 <span>-2.05</span> <span>0.00</span>	5.36 <span>-1.01</span> <span>0.00</span>	12.36 <span>-2.35</span> <span>0.00</span>	24.97 <span>-4.79</span> <span>0.00</span>	38.06 <span>-7.75</span> <span>0.00</span>	47.36 <span>-9.74</span> <span>0.00</span>	43.02 <span>-7.30</span> <span>4.12</span>	39.09 <span>-7.66</span> <span>0.00</span>	32.72 <span>-6.60</span> <span>0.00</span>	34.61 <span>-6.93</span> <span>0.00</span>	36.18 <span>-7.11</span> <span>0.00</span>	32.48 <span>-6.45</span> <span>0.00</span>	35.23 <span>-7.41</span> <span>0.00</span>	35.02 <span>-7.49</span> <span>0.00</span>	37.68 <span>-8.12</span> <span>0.00</span>	36.08 <span>-7.60</span> <span>0.00</span>	38.34 <span>-7.62</span> <span>0.00</span>	41.06 <span>-8.52</span> <span>0.00</span>	29.00 <span>-6.35</span> <span>0.00</span>	22.42 <span>-5.01</span> <span>0.00</span>
PJM 61847	32.84 <span>-1.81</span> <span>0.00</span>	34.48 <span>-2.12</span> <span>0.00</span>	8.78 <span>-0.52</span> <span>0.00</span>	10.07 <span>-0.56</span> <span>0.00</span>	12.21 <span>-0.67</span> <span>0.00</span>	6.03 <span>-0.33</span> <span>0.00</span>	13.99 <span>-0.72</span> <span>0.00</span>	28.45 <span>-1.30</span> <span>0.00</span>	43.59 <span>-2.22</span> <span>0.00</span>	54.22 <span>-2.88</span> <span>0.00</span>	46.35 <span>-3.97</span> <span>4.12</span>	44.55 <span>-2.20</span> <span>0.00</span>	37.30 <span>-2.02</span> <span>0.00</span>	39.42 <span>-2.12</span> <span>0.00</span>	41.11 <span>-2.19</span> <span>0.00</span>	36.94 <span>-1.99</span> <span>0.00</span>	40.30 <span>-2.34</span> <span>0.00</span>	40.13 <span>-2.38</span> <span>0.00</span>	43.22 <span>-2.58</span> <span>0.00</span>	41.42 <span>-2.26</span> <span>0.00</span>	43.93 <span>-2.02</span> <span>0.00</span>	46.94 <span>-2.63</span> <span>0.00</span>	33.31 <span>-2.04</span> <span>0.00</span>	25.71 <span>-1.72</span> <span>0.00</span>
WEST 61752	32.63 <span>-2.02</span> <span>0.00</span>	34.03 <span>-2.57</span> <span>0.00</span>	8.75 <span>-0.55</span> <span>0.00</span>	10.05 <span>-0.58</span> <span>0.00</span>	12.14 <span>-0.74</span> <span>0.00</span>	6.00 <span>-0.36</span> <span>0.00</span>	13.84 <span>-0.86</span> <span>0.00</span>	27.98 <span>-1.78</span> <span>0.00</span>	42.61 <span>-3.20</span> <span>0.00</span>	52.88 <span>-4.22</span> <span>0.00</span>	39.84 <span>-2.80</span> <span>0.00</span>	43.69 <span>-3.06</span> <span>0.00</span>	36.59 <span>-2.73</span> <span>0.00</span>	38.71 <span>-2.83</span> <span>0.00</span>	40.47 <span>-2.83</span> <span>0.00</span>	36.32 <span>-2.61</span> <span>0.00</span>	39.46 <span>-3.18</span> <span>0.00</span>	39.24 <span>-3.27</span> <span>0.00</span>	42.23 <span>-3.57</span> <span>0.00</span>	40.46 <span>-3.22</span> <span>0.00</span>	43.04 <span>-2.92</span> <span>0.00</span>	46.11 <span>-3.47</span> <span>0.00</span>	32.55 <span>-2.80</span> <span>0.00</span>	25.19 <span>-2.23</span> <span>0.00</span>