

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/19/2011

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	31.23 0.94 0.00	29.15 0.88 0.00	29.25 0.96 0.00	29.12 0.96 0.00	29.28 0.94 0.00	32.65 1.04 0.00	39.93 1.31 0.00	43.80 1.52 0.00	39.49 1.21 -0.50	39.11 1.01 -0.74	39.38 1.15 -0.99	39.62 1.06 -0.87	39.13 1.08 -0.95	39.74 1.09 -0.89	39.30 1.12 -1.00	38.77 0.96 -0.99	38.16 0.94 -1.02	38.10 0.94 -1.07	44.46 1.45 -2.84	44.05 1.37 -2.33	39.63 1.32 -0.69	38.39 1.15 -0.17	35.24 0.76 0.00	34.63 0.61 0.00
CENTRL 61754	30.29 0.00 0.00	28.30 0.03 0.00	28.20 -0.08 0.00	28.10 -0.06 0.00	28.25 0.00 0.00	31.57 0.00 0.00	38.58 -0.04 0.00	41.85 -0.04 0.00	37.52 -0.26 0.00	37.18 -0.19 0.00	36.93 0.00 0.00	37.47 -0.23 0.00	36.85 -0.26 0.00	37.45 -0.30 0.00	36.89 -0.30 0.00	36.45 -0.37 0.00	35.99 -0.22 0.00	35.91 -0.18 0.00	39.82 -0.36 0.00	39.99 -0.36 0.00	37.36 -0.26 0.00	36.77 -0.30 0.00	34.31 -0.17 0.00	34.19 0.17 0.00
DUNWOD 61760	32.26 1.97 0.00	29.99 1.72 0.00	29.98 1.70 0.00	29.85 1.69 0.00	30.10 1.76 0.00	33.63 2.02 0.00	41.78 3.17 0.00	46.12 3.85 0.00	46.67 3.48 -5.41	48.86 3.44 -8.06	51.48 3.46 -10.78	50.61 3.47 -9.44	50.80 3.41 -10.28	50.90 3.47 -9.68	51.43 3.42 -10.82	50.99 3.39 -10.78	50.56 3.33 -11.03	51.05 3.32 -11.65	74.65 3.66 -30.81	69.35 3.71 -25.29	48.59 3.50 -7.47	42.37 3.45 -1.86	37.21 2.72 0.00	36.13 2.11 0.00
GENESE 61753	29.60 -0.70 0.00	27.73 -0.54 0.00	27.58 -0.71 0.00	27.48 -0.68 0.00	27.60 -0.74 0.00	30.81 -0.79 0.00	37.49 -1.12 0.00	40.59 -1.69 0.00	36.35 -1.44 0.00	36.13 -1.23 0.00	35.81 -1.41 0.00	36.45 -1.24 0.00	35.81 -1.30 0.00	36.39 -1.36 0.00	35.81 -1.38 0.00	35.50 -1.33 0.00	35.16 -1.05 0.00	35.08 -1.01 0.00	38.61 -1.57 0.00	38.69 -1.65 0.00	36.23 -1.39 0.00	35.62 -1.45 0.00	33.52 -0.97 0.00	33.71 -0.31 0.00
H Q 61844	30.29 0.00 0.00	28.27 0.00 0.00	28.28 0.00 0.00	28.16 0.00 0.00	28.34 0.00 0.00	31.60 0.00 0.00	38.61 0.00 0.00	42.28 0.00 0.00	37.78 0.00 0.00	37.36 0.00 0.00	37.23 0.00 0.00	37.69 0.00 0.00	37.11 0.00 0.00	37.75 0.00 0.00	37.19 0.00 0.00	36.82 0.00 0.00	36.21 0.00 0.00	36.09 0.00 0.00	37.15 0.00 3.03	43.38 0.00 -3.03	37.62 0.00 0.00	37.07 0.00 0.00	34.48 0.00 0.00	34.02 0.00 0.00
HUD VL 61758	32.41 2.12 0.00	30.14 1.87 0.00	30.15 1.87 0.00	30.02 1.86 0.00	30.27 1.93 0.00	33.82 2.21 0.00	41.97 3.36 0.00	46.50 4.23 0.00	46.07 3.74 -4.54	47.87 3.74 -6.77	50.04 3.76 -9.05	49.36 3.73 -7.93	49.41 3.67 -8.63	49.62 3.74 -8.13	49.92 3.64 -9.09	49.41 3.54 -9.05	49.05 3.58 -9.26	49.47 3.61 -9.78	70.06 4.02 -25.87	65.53 3.95 -21.23	47.73 3.84 -6.28	42.26 3.63 -1.56	37.55 3.07 0.00	36.33 2.31 0.00
LONGIL 61762	38.09 3.18 -4.62	35.14 2.88 -3.99	31.79 2.97 -0.54	31.43 2.98 -0.29	31.74 3.00 -0.39	38.00 3.32 -3.08	45.16 5.06 -1.49	47.98 5.71 0.00	48.29 5.18 -5.33	50.34 4.89 -8.08	52.33 4.50 -10.60	51.97 5.01 -9.26	52.09 4.90 -10.09	52.01 4.98 -9.28	52.49 4.80 -10.50	51.94 4.68 -10.44	52.04 4.71 -11.13	53.37 4.73 -12.56	116.00 5.22 -70.60	80.13 5.12 -34.66	55.30 5.08 -12.60	51.63 4.82 -9.75	44.07 3.97 -5.62	42.13 3.30 -4.81
MHK VL 61756	30.32 0.03 0.00	28.33 0.06 0.00	28.34 0.06 0.00	28.19 0.03 0.00	28.42 0.09 0.00	31.82 0.22 0.00	39.04 0.42 0.00	42.78 0.51 0.00	38.69 0.53 -0.38	38.50 0.56 -0.57	38.40 0.41 -0.76	38.85 0.49 -0.67	38.32 0.48 -0.73	38.97 0.53 -0.69	38.48 0.52 -0.77	37.88 0.29 -0.76	37.46 0.47 -0.78	37.38 0.47 -0.83	43.09 0.72 -2.18	42.59 0.44 -1.79	38.56 0.41 -0.53	37.57 0.37 -0.13	34.76 0.28 0.00	34.39 0.37 0.00
MILLWD 61759	32.23 1.94 0.00	29.99 1.72 0.00	29.98 1.70 0.00	29.85 1.69 0.00	30.10 1.76 0.00	33.63 2.02 0.00	41.82 3.20 0.00	46.17 3.89 0.00	46.59 3.48 -5.33	48.71 3.40 -7.95	51.28 3.43 -10.63	50.39 3.39 -9.31	50.57 3.34 -10.13	50.69 3.40 -9.54	51.24 3.38 -10.67	50.80 3.35 -10.63	50.33 3.26 -10.87	50.85 3.28 -11.48	74.28 3.74 -30.36	69.06 3.79 -24.92	48.48 3.50 -7.37	42.27 3.37 -1.83	37.21 2.72 0.00	36.13 2.11 0.00
N.Y.C. 61761	32.57 2.27 0.00	30.28 2.01 0.00	30.24 1.95 0.00	30.13 1.97 0.00	30.38 2.04 0.00	33.91 2.31 0.00	42.09 3.48 0.00	46.50 4.23 0.00	48.62 3.82 -7.02	51.28 3.70 -10.22	54.00 3.72 -13.05	53.16 3.73 -11.73	53.38 3.67 -12.60	55.88 3.70 -14.43	55.50 3.68 -14.63	55.35 3.65 -14.88	55.74 3.58 -15.96	61.15 3.57 -21.49	79.08 3.94 -34.96	71.70 4.03 -27.32	50.90 3.80 -9.48	47.02 3.78 -6.17	39.96 3.07 -2.40	36.44 2.42 -0.01
NORTH 61755	26.96 -3.33 0.00	25.58 -2.69 0.00	25.60 -2.69 0.00	25.26 -2.90 0.00	25.73 -2.61 0.00	28.92 -2.69 0.00	35.10 -3.51 0.00	38.56 -3.72 0.00	34.49 -3.29 0.00	33.96 -3.40 0.00	33.73 -3.50 0.00	34.23 -3.47 0.00	33.99 -3.12 0.00	34.65 -3.10 0.00	34.06 -3.12 0.00	33.47 -3.35 0.00	32.91 -3.29 0.00	32.62 -3.46 0.00	36.52 -3.66 0.00	36.31 -4.03 0.00	33.56 -4.06 0.00	33.21 -3.85 0.00	31.34 -3.14 0.00	31.50 -2.52 0.00
NPX 61845	31.60 1.30 0.00	29.46 1.19 0.00	29.47 1.19 0.00	29.37 1.21 0.00	29.56 1.22 0.00	32.93 1.33 0.00	40.62 2.01 0.00	44.73 2.45 0.00	42.30 2.04 -2.48	43.00 1.94 -3.69	44.22 2.05 -4.94	43.94 1.92 -4.33	43.74 1.93 -4.71	44.11 1.93 -4.43	44.08 1.93 -4.96	43.64 1.88 -4.94	43.03 1.77 -5.05	43.19 1.77 -5.33	53.43 2.17 -11.08	57.18 2.22 -14.61	43.11 2.07 -3.42	39.88 1.96 -0.85	36.00 1.52 0.00	35.25 1.22 0.00

O H 61846	29.05 <span>-1.24</span> <span>0.00</span>	27.22 <span>-1.05</span> <span>0.00</span>	27.04 <span>-1.24</span> <span>0.00</span>	26.95 <span>-1.21</span> <span>0.00</span>	26.92 <span>-1.42</span> <span>0.00</span>	29.96 <span>-1.64</span> <span>0.00</span>	36.10 <span>-2.51</span> <span>0.00</span>	38.26 <span>-4.02</span> <span>0.00</span>	34.19 <span>-3.59</span> <span>0.00</span>	33.96 <span>-3.40</span> <span>0.00</span>	33.58 <span>-3.65</span> <span>0.00</span>	34.19 <span>-3.51</span> <span>0.00</span>	33.58 <span>-3.53</span> <span>0.00</span>	34.13 <span>-3.62</span> <span>0.00</span>	33.58 <span>-3.61</span> <span>0.00</span>	33.47 <span>-3.35</span> <span>0.00</span>	33.20 <span>-3.01</span> <span>0.00</span>	33.20 <span>-2.89</span> <span>0.00</span>	33.01 <span>-4.14</span> <span>3.03</span>	39.14 <span>-4.24</span> <span>-3.03</span>	34.08 <span>-3.54</span> <span>0.00</span>	33.58 <span>-3.48</span> <span>0.00</span>	32.10 <span>-2.38</span> <span>0.00</span>	33.00 <span>-1.02</span> <span>0.00</span>
PJM 61847	31.05 <span>0.76</span> <span>0.00</span>	28.98 <span>0.71</span> <span>0.00</span>	28.91 <span>0.62</span> <span>0.00</span>	28.81 <span>0.65</span> <span>0.00</span>	28.96 <span>0.62</span> <span>0.00</span>	32.27 <span>0.66</span> <span>0.00</span>	39.85 <span>1.24</span> <span>0.00</span>	43.29 <span>1.01</span> <span>0.00</span>	42.07 <span>0.98</span> <span>-3.31</span>	43.25 <span>0.90</span> <span>-4.99</span>	44.59 <span>0.86</span> <span>-6.50</span>	44.34 <span>0.90</span> <span>-5.75</span>	44.19 <span>0.85</span> <span>-6.23</span>	44.58 <span>0.83</span> <span>-6.00</span>	44.65 <span>0.86</span> <span>-6.61</span>	44.32 <span>0.88</span> <span>-6.61</span>	43.86 <span>0.91</span> <span>-6.75</span>	44.07 <span>0.83</span> <span>-7.15</span>	55.28 <span>0.72</span> <span>-14.37</span>	58.81 <span>1.01</span> <span>-17.46</span>	42.92 <span>1.02</span> <span>-4.28</span>	39.00 <span>0.93</span> <span>-1.01</span>	35.21 <span>0.72</span> <span>0.00</span>	34.74 <span>0.71</span> <span>0.00</span>
WEST 61752	29.51 <span>-0.79</span> <span>0.00</span>	27.68 <span>-0.59</span> <span>0.00</span>	27.44 <span>-0.85</span> <span>0.00</span>	27.34 <span>-0.82</span> <span>0.00</span>	27.38 <span>-0.96</span> <span>0.00</span>	30.47 <span>-1.14</span> <span>0.00</span>	36.95 <span>-1.66</span> <span>0.00</span>	38.77 <span>-3.51</span> <span>0.00</span>	34.72 <span>-3.06</span> <span>0.00</span>	34.52 <span>-2.84</span> <span>0.00</span>	34.18 <span>-3.05</span> <span>0.00</span>	34.79 <span>-2.90</span> <span>0.00</span>	34.14 <span>-2.97</span> <span>0.00</span>	34.69 <span>-3.06</span> <span>0.00</span>	34.18 <span>-3.01</span> <span>0.00</span>	33.95 <span>-2.87</span> <span>0.00</span>	33.71 <span>-2.50</span> <span>0.00</span>	33.67 <span>-2.42</span> <span>0.00</span>	36.60 <span>-3.58</span> <span>0.00</span>	36.76 <span>-3.59</span> <span>0.00</span>	34.72 <span>-2.90</span> <span>0.00</span>	34.10 <span>-2.97</span> <span>0.00</span>	32.38 <span>-2.10</span> <span>0.00</span>	33.54 <span>-0.48</span> <span>0.00</span>