

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/21/1999

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	29.78	27.06	25.84	25.84	25.84	26.27	27.35	28.51	24.39	24.39	24.39	25.44	24.39	24.39	27.06	27.06	26.27	29.28	31.28	30.59	27.79	25.84	28.93	26.27
61757	1.37 0.00	1.24 0.00	1.19 0.00	1.19 0.00	1.19 0.00	1.20 0.00	1.25 0.00	1.31 0.00	1.12 0.00	1.12 0.00	1.12 0.00	1.17 0.00	1.12 0.00	1.12 0.00	1.24 0.00	1.24 0.00	1.20 0.00	1.34 0.00	1.43 0.00	1.40 0.00	1.28 0.00	1.19 0.00	1.33 0.00	1.20 0.00
CENTRL	28.00	25.45	24.30	24.30	24.30	24.71	25.73	26.81	22.94	22.94	22.94	23.92	22.94	22.94	25.45	25.45	24.71	27.54	29.42	28.77	26.13	24.30	27.20	24.71
61754	-0.41 0.00	-0.37 0.00	-0.35 0.00	-0.35 0.00	-0.35 0.00	-0.36 0.00	-0.37 0.00	-0.39 0.00	-0.33 0.00	-0.33 0.00	-0.33 0.00	-0.35 0.00	-0.33 0.00	-0.33 0.00	-0.37 0.00	-0.37 0.00	-0.36 0.00	-0.40 0.00	-0.43 0.00	-0.42 0.00	-0.38 0.00	-0.35 0.00	-0.40 0.00	-0.36 0.00
DUNWOD	30.58	27.79	26.53	26.53	26.53	26.98	28.09	29.28	24.56	24.56	24.56	25.98	24.56	24.56	27.79	27.79	26.98	30.07	32.13	31.42	28.53	26.53	29.71	26.98
61760	2.17 0.00	1.97 0.00	1.88 0.00	1.88 0.00	1.88 0.00	1.91 0.00	1.99 0.00	2.08 0.00	1.78 0.49	1.78 0.49	1.78 0.49	1.85 0.14	1.78 0.49	1.78 0.49	1.97 0.00	1.97 0.00	1.91 0.00	2.13 0.00	2.28 0.00	2.23 0.00	2.02 0.00	1.88 0.00	2.11 0.00	1.91 0.00
GENESE	27.87	25.34	24.19	24.19	24.19	24.60	25.61	26.69	22.84	22.84	22.84	23.81	22.84	22.84	25.34	25.34	24.60	27.41	29.29	28.64	26.01	24.19	27.08	24.60
61753	-0.54 0.00	-0.48 0.00	-0.46 0.00	-0.46 0.00	-0.46 0.00	-0.47 0.00	-0.49 0.00	-0.51 0.00	-0.43 0.00	-0.43 0.00	-0.43 0.00	-0.46 0.00	-0.43 0.00	-0.43 0.00	-0.48 0.00	-0.48 0.00	-0.47 0.00	-0.53 0.00	-0.56 0.00	-0.55 0.00	-0.50 0.00	-0.46 0.00	-0.52 0.00	-0.47 0.00
H Q	27.95	25.41	24.25	24.25	24.25	24.67	25.68	26.76	22.90	22.90	22.90	23.88	22.90	22.90	25.41	25.41	24.67	27.49	29.37	28.72	26.08	24.25	27.16	24.67
61844	-0.46 0.00	-0.41 0.00	-0.40 0.00	-0.40 0.00	-0.40 0.00	-0.40 0.00	-0.42 0.00	-0.44 0.00	-0.37 0.00	-0.37 0.00	-0.37 0.00	-0.39 0.00	-0.37 0.00	-0.37 0.00	-0.41 0.00	-0.41 0.00	-0.40 0.00	-0.45 0.00	-0.48 0.00	-0.47 0.00	-0.43 0.00	-0.40 0.00	-0.44 0.00	-0.40 0.00
HUD VL	30.02	27.28	26.05	26.05	26.05	26.49	27.58	28.74	24.45	24.45	24.45	25.60	24.45	24.45	27.28	27.28	26.49	29.52	31.54	30.84	28.01	26.05	29.16	26.49
61758	1.61 0.00	1.46 0.00	1.40 0.00	1.40 0.00	1.40 0.00	1.42 0.00	1.48 0.00	1.54 0.00	1.32 0.14	1.32 0.14	1.32 0.14	1.37 0.04	1.32 0.14	1.32 0.14	1.46 0.00	1.46 0.00	1.42 0.00	1.58 0.00	1.69 0.00	1.65 0.00	1.50 0.00	1.40 0.00	1.56 0.00	1.42 0.00
LONGIL	31.39	28.53	27.24	27.24	27.24	27.70	28.84	30.05	28.83	29.75	29.93	30.02	30.00	30.00	29.96	30.03	30.70	32.01	32.98	32.25	31.36	30.86	30.50	29.25
61762	2.98 0.00	2.71 0.00	2.59 0.00	2.59 0.00	2.59 0.00	2.63 0.00	2.74 0.00	2.85 0.00	2.44 -3.12	2.44 -4.04	2.44 -4.22	2.55 -3.20	2.44 -4.29	2.44 -4.29	2.71 -1.43	2.71 -1.50	2.63 -3.00	2.93 -1.14	3.13 0.00	3.06 0.00	2.78 -2.07	2.59 -3.62	2.90 0.00	2.63 -1.55
MHK VL	28.90	26.27	25.07	25.07	25.07	25.50	26.55	27.67	23.67	23.67	23.67	24.69	23.67	23.67	26.27	26.27	25.50	28.42	30.36	29.69	26.96	25.07	28.07	25.50
61756	0.49 0.00	0.45 0.00	0.42 0.00	0.42 0.00	0.42 0.00	0.43 0.00	0.45 0.00	0.47 0.00	0.40 0.00	0.40 0.00	0.40 0.00	0.42 0.00	0.40 0.00	0.40 0.00	0.45 0.00	0.45 0.00	0.43 0.00	0.48 0.00	0.51 0.00	0.50 0.00	0.45 0.00	0.42 0.00	0.47 0.00	0.43 0.00
MILLWD	30.15	27.40	26.16	26.16	26.16	26.60	27.70	28.86	24.30	24.30	24.30	25.64	24.30	24.30	27.40	27.40	26.60	29.65	31.67	30.97	28.13	26.16	29.29	26.60
61759	1.74 0.00	1.58 0.00	1.51 0.00	1.51 0.00	1.51 0.00	1.53 0.00	1.60 0.00	1.66 0.00	1.42 0.39	1.42 0.39	1.42 0.39	1.48 0.11	1.42 0.39	1.42 0.39	1.58 0.00	1.58 0.00	1.53 0.00	1.71 0.00	1.82 0.00	1.78 0.00	1.62 0.00	1.51 0.00	1.69 0.00	1.53 0.00
N.Y.C.	38.92	37.68	37.11	37.11	37.11	37.32	29.39	29.92	28.64	28.64	37.07	37.10	37.07	37.07	37.68	37.68	37.32	38.70	39.62	39.30	38.00	37.11	38.54	37.32
61761	2.62 -7.89	2.38 -9.48	2.27 -10.19	2.27 -10.19	2.27 -10.19	2.31 -9.94	2.41 -0.88	2.51 -0.21	2.15 -3.22	2.15 -3.22	2.15 -11.65	2.24 -10.59	2.15 -11.65	2.15 -11.65	2.38 -9.48	2.38 -9.48	2.31 -9.94	2.58 -8.18	2.75 -7.02	2.69 -7.42	2.44 -9.05	2.27 -10.19	2.55 -8.39	2.31 -9.94
NORTH	28.02	25.47	24.32	24.32	24.32	24.73	25.74	26.83	22.96	22.96	22.96	23.94	22.96	22.96	25.47	25.47	24.73	27.56	29.44	28.79	26.15	24.32	27.23	24.73
61755	-0.39 0.00	-0.35 0.00	-0.33 0.00	-0.33 0.00	-0.33 0.00	-0.34 0.00	-0.36 0.00	-0.37 0.00	-0.31 0.00	-0.31 0.00	-0.31 0.00	-0.33 0.00	-0.31 0.00	-0.31 0.00	-0.35 0.00	-0.35 0.00	-0.34 0.00	-0.38 0.00	-0.41 0.00	-0.40 0.00	-0.36 0.00	-0.33 0.00	-0.37 0.00	-0.34 0.00
NPX	29.19	26.52	25.32	25.32	25.32	25.75	26.81	27.94	23.91	23.91	23.91	24.93	23.91	23.91	26.52	26.52	25.75	28.70	30.66	29.99	27.23	25.32	28.35	25.75
61845	0.78 0.00	0.70 0.00	0.67 0.00	0.67 0.00	0.67 0.00	0.68 0.00	0.71 0.00	0.74 0.00	0.64 0.00	0.64 0.00	0.64 0.00	0.66 0.00	0.64 0.00	0.64 0.00	0.70 0.00	0.70 0.00	0.68 0.00	0.76 0.00	0.81 0.00	0.80 0.00	0.72 0.00	0.67 0.00	0.75 0.00	0.68 0.00

H 61846	27.39 <span>-1.02</span> <span>0.00</span>	24.89 <span>-0.93</span> <span>0.00</span>	23.76 <span>-0.89</span> <span>0.00</span>	23.76 <span>-0.89</span> <span>0.00</span>	23.76 <span>-0.89</span> <span>0.00</span>	24.17 <span>-0.90</span> <span>0.00</span>	25.16 <span>-0.94</span> <span>0.00</span>	26.22 <span>-0.98</span> <span>0.00</span>	22.43 <span>-0.84</span> <span>0.00</span>	22.43 <span>-0.84</span> <span>0.00</span>	22.43 <span>-0.84</span> <span>0.00</span>	23.40 <span>-0.87</span> <span>0.00</span>	22.43 <span>-0.84</span> <span>0.00</span>	22.43 <span>-0.84</span> <span>0.00</span>	24.89 <span>-0.93</span> <span>0.00</span>	24.89 <span>-0.93</span> <span>0.00</span>	24.17 <span>-0.90</span> <span>0.00</span>	26.93 <span>-1.01</span> <span>0.00</span>	28.77 <span>-1.08</span> <span>0.00</span>	28.14 <span>-1.05</span> <span>0.00</span>	25.56 <span>-0.95</span> <span>0.00</span>	23.76 <span>-0.89</span> <span>0.00</span>	26.61 <span>-0.99</span> <span>0.00</span>	24.17 <span>-0.90</span> <span>0.00</span>
PJM 61847	27.61 <span>-0.80</span> <span>0.00</span>	25.10 <span>-0.72</span> <span>0.00</span>	23.96 <span>-0.69</span> <span>0.00</span>	23.96 <span>-0.69</span> <span>0.00</span>	23.96 <span>-0.69</span> <span>0.00</span>	24.37 <span>-0.70</span> <span>0.00</span>	25.37 <span>-0.73</span> <span>0.00</span>	26.44 <span>-0.76</span> <span>0.00</span>	22.62 <span>-0.65</span> <span>0.00</span>	22.62 <span>-0.65</span> <span>0.00</span>	22.62 <span>-0.65</span> <span>0.00</span>	23.59 <span>-0.68</span> <span>0.00</span>	22.62 <span>-0.65</span> <span>0.00</span>	22.62 <span>-0.65</span> <span>0.00</span>	25.10 <span>-0.72</span> <span>0.00</span>	25.10 <span>-0.72</span> <span>0.00</span>	24.37 <span>-0.70</span> <span>0.00</span>	27.16 <span>-0.78</span> <span>0.00</span>	29.01 <span>-0.84</span> <span>0.00</span>	28.37 <span>-0.82</span> <span>0.00</span>	25.77 <span>-0.74</span> <span>0.00</span>	23.96 <span>-0.69</span> <span>0.00</span>	26.83 <span>-0.77</span> <span>0.00</span>	24.37 <span>-0.70</span> <span>0.00</span>
WEST 61752	27.47 <span>-0.94</span> <span>0.00</span>	24.96 <span>-0.86</span> <span>0.00</span>	23.83 <span>-0.82</span> <span>0.00</span>	23.83 <span>-0.82</span> <span>0.00</span>	23.83 <span>-0.82</span> <span>0.00</span>	24.24 <span>-0.83</span> <span>0.00</span>	25.24 <span>-0.86</span> <span>0.00</span>	26.30 <span>-0.90</span> <span>0.00</span>	22.50 <span>-0.77</span> <span>0.00</span>	22.50 <span>-0.77</span> <span>0.00</span>	22.50 <span>-0.77</span> <span>0.00</span>	23.46 <span>-0.81</span> <span>0.00</span>	22.50 <span>-0.77</span> <span>0.00</span>	22.50 <span>-0.77</span> <span>0.00</span>	24.96 <span>-0.86</span> <span>0.00</span>	24.96 <span>-0.86</span> <span>0.00</span>	24.24 <span>-0.83</span> <span>0.00</span>	27.01 <span>-0.93</span> <span>0.00</span>	28.86 <span>-0.99</span> <span>0.00</span>	28.22 <span>-0.97</span> <span>0.00</span>	25.63 <span>-0.88</span> <span>0.00</span>	23.83 <span>-0.82</span> <span>0.00</span>	26.68 <span>-0.92</span> <span>0.00</span>	24.24 <span>-0.83</span> <span>0.00</span>