

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

09/14/2002

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	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	35.19 1.22 0.00	29.65 1.07 0.00	29.22 1.05 0.00	25.09 0.90 0.00	24.01 0.86 0.00	24.71 0.87 0.00	24.07 0.81 0.00	34.65 1.33 0.00	39.34 1.93 -6.22	38.95 2.13 -4.66	44.59 2.35 -7.00	48.76 2.25 -10.40	49.25 2.31 -10.61	51.60 2.33 -11.70	45.23 1.91 0.00	45.55 1.87 0.00	45.29 1.76 0.00	42.28 1.65 0.00	41.26 1.85 0.00	43.58 2.07 0.00	43.68 2.08 0.00	38.36 1.84 0.00	38.34 1.75 0.00	40.52 1.46 0.00
CENTRL 61754	32.45 -1.52 0.00	27.26 -1.32 0.00	26.87 -1.30 0.00	23.06 -1.13 0.00	22.09 -1.06 0.00	22.75 -1.09 0.00	22.09 -1.17 0.00	31.52 -1.80 0.00	30.42 -1.29 -0.52	29.78 -1.25 1.13	32.36 -1.40 1.48	33.11 -1.36 1.64	33.32 -1.34 1.67	34.25 -1.48 1.84	41.25 -2.07 0.00	41.59 -2.09 0.00	41.47 -2.06 0.00	38.69 -1.94 0.00	37.54 -1.87 0.00	39.56 -1.95 0.00	39.62 -1.98 0.00	34.92 -1.60 0.00	34.94 -1.65 0.00	37.23 -1.83 0.00
DUNWOD 61760	36.35 2.38 0.00	30.69 2.11 0.00	30.17 2.00 0.00	25.86 1.67 0.00	24.72 1.57 0.00	25.44 1.60 0.00	24.75 1.49 0.00	36.07 2.73 -0.02	38.75 3.02 -4.54	40.93 3.18 -5.59	47.02 3.45 -8.33	52.03 3.68 -12.24	52.60 3.78 -12.49	55.18 3.83 -13.78	47.31 3.99 0.00	47.65 3.97 0.00	47.49 3.96 0.00	44.33 3.70 0.00	43.08 3.67 0.00	45.29 3.78 0.00	45.34 3.74 0.00	39.81 3.29 0.00	39.88 3.29 0.00	41.99 -2.93 0.00
GENESE 61753	31.78 -2.19 0.00	26.64 -1.94 0.00	26.37 -1.80 0.00	22.60 -1.59 0.00	21.69 -1.46 0.00	22.35 -1.49 0.00	21.44 -1.82 0.00	30.09 -3.23 0.00	29.36 -2.35 -0.52	28.86 -2.17 1.13	31.41 -2.36 1.47	32.19 -2.34 1.58	32.48 -2.23 1.62	33.46 -2.33 1.78	39.88 -3.44 0.00	40.19 -3.49 0.00	40.09 -3.44 0.00	37.49 -3.14 0.00	36.34 -3.07 0.00	38.32 -3.19 0.00	38.43 -3.17 0.00	34.16 -2.36 0.00	34.17 -2.42 0.00	36.23 -2.83 0.00
H Q 61844	33.94 -0.03 0.00	28.55 -0.03 0.00	28.14 -0.03 0.00	24.17 -0.02 0.00	23.13 -0.02 0.00	23.82 -0.02 0.00	23.35 0.09 0.00	33.32 0.00 0.00	30.99 -0.06 0.14	32.03 -0.13 0.00	35.17 -0.07 0.00	36.00 -0.11 0.00	36.18 -0.15 0.00	37.49 -0.08 0.00	43.06 -0.26 0.00	43.46 -0.22 0.00	43.31 -0.22 0.00	40.43 -0.20 0.00	39.13 -0.28 0.00	41.22 -0.29 0.00	41.35 -0.25 0.00	36.23 -0.29 0.00	36.30 -0.29 0.00	38.98 -0.08 0.00
HUD VL 61758	36.02 2.05 0.00	30.31 1.73 0.00	29.82 1.65 0.00	25.56 1.37 0.00	24.44 1.29 0.00	25.15 1.31 0.00	24.48 1.22 0.00	35.62 2.30 0.00	38.29 2.60 -4.50	40.43 2.76 -5.51	46.45 3.00 -8.21	51.37 3.24 -12.02	51.92 3.32 -12.27	54.50 3.40 -13.53	46.79 3.47 0.00	47.14 3.46 0.00	46.96 3.43 0.00	43.80 3.17 0.00	42.59 3.18 0.00	44.80 3.29 0.00	44.81 3.21 0.00	39.29 2.77 0.00	39.46 2.87 0.00	41.70 2.64 0.00
LONGIL 61762	37.53 2.76 -0.80	36.98 2.54 -5.86	36.76 2.43 -6.16	36.10 2.03 -9.88	34.62 1.90 -9.57	33.98 1.95 -8.19	34.63 1.82 -9.55	36.92 3.18 -0.42	38.71 2.97 -4.55	40.80 3.05 -5.59	46.65 3.08 -8.33	51.77 3.42 -12.24	52.53 3.71 -12.49	55.24 3.89 -13.78	47.59 4.27 0.00	47.94 4.26 0.00	47.81 4.28 0.00	44.61 3.98 0.00	43.42 4.01 0.00	45.45 3.94 0.00	45.56 3.96 0.00	42.37 3.59 -2.26	42.69 3.68 -2.42	42.16 3.10 0.00
MHK VL 61756	34.02 0.05 0.00	28.59 0.01 0.00	28.16 -0.01 0.00	24.17 -0.02 0.00	23.13 -0.02 0.00	23.84 0.00 0.00	23.29 0.03 0.00	33.43 0.11 0.00	31.49 0.27 -0.03	32.29 0.31 0.18	35.42 0.41 0.23	36.26 0.38 0.23	36.46 0.37 0.24	37.72 0.41 0.26	43.56 0.24 0.00	43.92 0.24 0.00	43.78 0.25 0.00	40.88 0.25 0.00	39.64 0.23 0.00	41.76 0.25 0.00	41.89 0.29 0.00	36.73 0.21 0.00	36.72 0.13 0.00	39.12 0.06 0.00
MILLWD 61759	36.04 2.07 0.00	30.44 1.86 0.00	29.92 1.75 0.00	25.64 1.45 0.00	24.53 1.38 0.00	25.22 1.38 0.00	24.56 1.30 0.00	35.74 2.42 0.00	38.40 2.71 -4.50	40.59 2.86 -5.57	46.64 3.10 -8.30	51.65 3.36 -12.18	52.19 3.43 -12.43	54.78 3.50 -13.71	46.92 3.60 0.00	47.26 3.58 0.00	47.10 3.57 0.00	43.92 3.29 0.00	42.71 3.30 0.00	44.92 3.41 0.00	44.93 3.33 0.00	39.44 2.92 0.00	39.52 2.93 0.00	41.64 2.58 0.00
N.Y.C. 61761	36.71 2.74 0.00	31.04 2.46 0.00	30.49 2.32 0.00	26.11 1.92 0.00	24.98 1.83 0.00	25.69 1.85 0.00	24.98 1.72 0.00	37.53 3.12 -1.09	41.95 3.42 -7.34	43.72 3.55 -8.01	49.92 3.83 -10.85	52.88 4.01 -12.76	53.34 4.08 -12.93	55.50 4.15 -13.78	50.61 4.44 -2.85	50.81 4.46 -2.67	50.73 4.44 -2.76	49.16 4.17 -4.36	48.54 4.17 -4.96	49.63 4.27 -3.85	49.63 4.20 -3.83	42.88 3.76 -2.60	42.91 3.74 -2.58	42.47 3.41 0.00
NORTH 61755	33.61 -0.36 0.00	28.27 -0.31 0.00	27.84 -0.33 0.00	23.92 -0.27 0.00	22.89 -0.26 0.00	23.58 -0.26 0.00	23.23 -0.03 0.00	33.37 0.05 0.00	30.80 -0.13 0.26	32.08 -0.30 -0.22	35.48 -0.11 -0.35	36.53 -0.18 -0.60	36.59 -0.35 -0.61	38.04 -0.20 -0.67	42.76 -0.56 0.00	43.16 -0.52 0.00	43.01 -0.52 0.00	40.14 -0.49 0.00	38.87 -0.54 0.00	40.94 -0.57 0.00	41.11 -0.49 0.00	35.89 -0.63 0.00	35.97 -0.62 0.00	38.54 -0.52 0.00
NPX 61845	35.46 1.49 0.00	29.89 1.31 0.00	29.47 1.30 0.00	25.28 1.09 0.00	24.17 1.02 0.00	24.89 1.05 0.00	24.24 0.98 0.00	35.05 1.73 0.00	39.08 2.25 -5.64	39.59 2.38 -5.05	45.43 2.61 -7.58	50.11 2.71 -11.29	50.61 2.76 -11.52	53.09 2.82 -12.70	45.83 2.51 0.00	46.21 2.53 0.00	46.01 2.48 0.00	42.95 2.32 0.00	41.81 2.40 0.00	44.04 2.53 0.00	44.10 2.50 0.00	38.67 2.15 0.00	38.71 2.12 0.00	40.93 1.87 0.00

H 61846	30.91 -3.06 0.00	25.95 -2.63 0.00	25.66 -2.51 0.00	22.04 -2.15 0.00	21.18 -1.97 0.00	21.84 -2.00 0.00	20.56 -2.70 0.00	28.92 -4.40 0.00	28.54 -3.24 -0.59	27.72 -3.15 1.29	30.05 -3.52 1.67	30.73 -3.57 1.81	31.07 -3.41 1.85	31.96 -3.57 2.04	37.99 -5.33 0.00	38.18 -5.50 0.00	38.05 -5.48 0.00	35.63 -5.00 0.00	34.52 -4.89 0.00	36.45 -5.06 0.00	36.52 -5.08 0.00	32.90 -3.62 0.00	33.08 -3.51 0.00	35.00 -4.06 0.00
PJM 61847	17.00 -4.55 12.42	15.00 -3.83 9.75	15.00 -3.72 9.45	15.00 -3.17 6.02	15.00 -3.01 5.14	14.01 -3.12 6.71	17.00 -3.28 2.98	25.01 -4.86 3.45	25.01 -3.96 2.22	26.00 -3.96 2.20	28.00 -4.37 2.87	28.96 -4.04 3.11	29.37 -3.78 3.18	30.01 -4.06 3.50	37.86 -5.46 0.00	38.09 -5.59 0.00	38.00 -5.53 0.00	35.00 -5.53 0.10	30.00 -5.36 4.05	34.99 -5.69 0.83	35.00 -5.70 0.90	30.00 -4.67 1.85	25.01 -4.68 6.90	19.00 -5.35 14.71
WEST 61752	30.70 -3.27 0.00	25.77 -2.81 0.00	25.51 -2.66 0.00	21.91 -2.28 0.00	21.07 -2.08 0.00	21.69 -2.15 0.00	20.52 -2.74 0.00	28.85 -4.47 0.00	28.52 -3.33 -0.66	27.51 -3.21 1.44	29.79 -3.58 1.87	30.48 -3.60 2.03	30.88 -3.38 2.07	31.73 -3.56 2.28	38.01 -5.31 0.00	38.21 -5.47 0.00	38.08 -5.45 0.00	35.61 -5.02 0.00	34.49 -4.92 0.00	36.39 -5.12 0.00	36.44 -5.16 0.00	32.80 -3.72 0.00	32.97 -3.62 0.00	34.82 -4.24 0.00