

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

11/20/2008

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	58.27 3.04 0.00	50.22 2.89 0.00	50.07 2.79 0.00	50.36 2.98 0.00	50.55 3.08 0.00	57.78 3.12 0.00	73.30 4.02 0.00	75.68 4.55 -1.05	75.56 4.59 -1.42	76.09 4.52 -2.05	73.83 4.38 0.00	72.91 4.38 -1.10	69.76 4.20 0.00	66.82 3.72 0.00	65.20 3.63 0.00	65.41 3.71 -0.86	83.02 4.33 -8.91	98.20 6.06 -1.63	87.60 5.35 0.00	80.93 4.72 0.00	75.88 4.50 0.00	69.91 3.75 -2.57	62.54 3.53 -0.09	58.72 2.96 0.00
CENTRL 61754	55.07 -0.17 0.00	46.38 -0.95 0.00	46.48 -0.80 0.00	46.53 -0.85 0.00	46.27 -1.19 0.00	54.07 -0.60 0.00	69.56 0.28 0.00	69.98 -0.21 -0.12	69.30 -0.42 -0.16	69.40 -0.35 -0.23	69.24 -0.21 0.00	67.08 -0.47 -0.12	64.91 -0.66 0.00	62.46 -0.63 0.00	60.95 -0.62 0.00	60.33 -0.61 -0.10	70.37 -0.42 -1.00	91.14 0.45 -0.18	82.91 0.66 0.00	76.89 0.69 0.00	71.59 0.21 0.00	63.37 -0.51 -0.29	57.69 -1.24 -0.01	55.09 -0.67 0.00
DUNWOD 61760	59.32 4.09 0.00	50.79 3.46 0.00	50.59 3.31 0.00	50.84 3.46 0.00	50.97 3.51 0.00	59.21 4.54 0.00	75.51 6.24 0.00	78.17 7.29 -0.81	77.31 6.75 -1.01	77.68 6.67 -1.48	76.02 6.67 0.10	74.44 6.27 -0.74	71.55 6.10 0.12	68.84 5.87 0.12	67.18 5.73 0.11	67.11 5.72 -0.56	83.19 6.70 -6.70	101.05 9.32 -1.23	91.06 8.80 0.00	83.98 7.77 0.00	78.59 7.21 0.00	71.37 5.85 -1.93	64.05 5.07 -0.06	60.22 4.46 0.00
GENESE 61753	55.02 -0.22 0.00	45.39 -1.94 0.00	45.53 -1.75 0.00	45.39 -1.99 0.00	44.76 -2.71 0.00	52.92 -1.75 0.00	67.82 -1.45 0.00	66.86 -3.29 -0.08	66.40 -3.27 -0.12	66.71 -2.99 -0.17	66.88 -2.57 0.00	64.62 -2.90 -0.09	62.75 -2.82 0.00	60.63 -2.46 0.00	59.17 -2.40 0.00	58.48 -2.43 -0.07	67.88 -2.65 -0.75	87.83 -2.81 -0.14	79.54 -2.71 0.00	74.60 -1.60 0.00	68.95 -2.43 0.00	60.69 -3.12 -0.22	54.98 -3.95 -0.01	54.03 -1.73 0.00
H Q 61844	54.57 -0.66 0.00	47.00 -0.33 0.00	47.00 -0.28 0.00	47.00 -0.38 0.00	47.27 -0.19 0.00	54.01 -0.66 0.00	68.24 -1.04 0.00	69.09 -0.98 0.00	68.72 -0.83 0.00	68.55 -0.97 0.00	68.48 -0.97 0.00	66.49 -0.94 0.00	64.71 -0.85 0.00	62.27 -0.82 0.00	60.77 -0.80 0.00	60.05 -0.79 0.00	68.67 -1.12 0.00	88.29 -1.81 0.40	80.93 -1.73 -0.40	74.53 -1.68 0.00	70.02 -1.36 0.00	62.83 -0.76 0.00	58.50 -0.41 0.00	55.04 -0.72 0.00
HUD VL 61758	58.94 3.70 0.00	50.60 3.27 0.00	50.45 3.17 0.00	50.74 3.36 0.00	50.83 3.37 0.00	58.93 4.26 0.00	75.10 5.82 0.00	77.46 6.59 -0.80	76.94 6.40 -0.99	77.37 6.40 -1.45	75.73 6.39 0.11	74.15 6.00 -0.72	71.28 5.84 0.13	68.64 5.68 0.13	66.93 5.48 0.12	66.79 5.41 -0.54	83.00 6.63 -6.58	101.00 9.32 -1.18	90.83 8.64 0.06	83.78 7.70 0.12	78.16 7.00 0.22	71.02 5.66 -1.77	63.69 4.89 0.12	59.77 4.13 0.12
LONGIL 61762	61.65 6.41 -0.01	53.06 5.73 -0.01	52.73 5.44 -0.01	52.88 5.50 0.00	53.21 5.74 -0.01	61.56 6.89 0.00	78.36 9.08 -0.01	81.03 9.81 -1.15	79.68 9.04 -1.08	80.20 9.11 -1.57	78.55 9.10 0.00	76.84 8.56 -0.85	73.84 8.26 -0.01	71.29 8.20 0.00	69.51 7.94 0.00	69.60 8.09 -0.67	86.76 9.07 -7.91	104.49 12.76 -1.23	94.94 12.42 -0.27	88.69 10.74 -1.74	85.58 9.64 -4.57	77.05 7.89 -5.57	69.91 6.89 -4.10	65.76 6.80 -3.20
MHK VL 61756	55.84 0.61 0.00	47.71 0.38 0.00	47.90 0.61 0.00	48.09 0.71 0.00	47.84 0.38 0.00	55.38 0.71 0.00	70.66 1.39 0.00	71.66 1.47 -0.12	71.31 1.60 -0.16	71.35 1.60 -0.23	71.19 1.74 0.00	69.24 1.69 -0.12	66.94 1.38 0.00	64.42 1.33 0.00	62.86 1.29 0.00	62.27 1.34 -0.10	72.45 1.67 -0.99	93.31 2.62 -0.18	84.48 2.22 0.00	78.11 1.91 0.00	73.16 1.78 0.00	65.28 1.40 -0.29	59.87 0.94 -0.01	56.49 0.72 0.00
MILLWD 61759	58.99 3.76 0.00	50.55 3.22 0.00	50.36 3.07 0.00	50.70 3.32 0.00	50.74 3.27 0.00	58.99 4.32 0.00	75.17 5.89 0.00	77.89 7.01 -0.81	76.98 6.47 -0.96	77.42 6.47 -1.43	75.68 6.39 0.17	74.03 5.93 -0.67	71.21 5.84 0.19	68.51 5.62 0.20	66.87 5.48 0.18	66.80 5.48 -0.49	82.89 6.49 -6.61	100.82 9.14 -1.17	90.64 8.47 0.08	83.58 7.54 0.17	78.00 6.92 0.30	70.91 5.60 -1.72	63.56 4.83 0.19	59.78 4.18 0.17
N.Y.C. 61761	60.05 4.81 0.00	51.31 3.98 0.00	51.02 3.74 0.00	51.32 3.93 0.00	51.50 4.03 0.00	59.81 5.14 0.00	76.28 7.00 -0.01	90.03 7.71 -12.25	91.98 7.23 -15.19	93.97 7.23 -17.21	94.23 7.22 -17.55	93.52 6.81 -19.28	92.22 6.62 -20.03	90.99 6.37 -21.52	86.85 6.22 -19.06	86.22 6.21 -19.17	98.26 7.19 -21.29	113.28 10.05 -12.74	104.35 9.38 -12.72	99.95 8.38 -15.37	91.74 7.78 -12.58	79.99 6.30 -10.10	73.35 5.48 -8.95	62.41 5.02 -1.63
NORTH 61755	54.13 -1.10 0.00	46.76 -0.57 0.00	47.00 -0.28 0.00	47.00 -0.38 0.00	47.27 -0.19 0.00	53.74 -0.93 0.00	68.10 -1.18 0.00	69.44 -0.63 0.00	69.21 -0.35 0.00	68.83 -0.70 0.00	68.83 -0.63 0.00	66.62 -0.81 0.00	64.85 -0.72 0.00	62.46 -0.63 0.00	60.89 -0.68 0.00	60.05 -0.79 0.00	68.74 -1.05 0.00	88.78 -1.72 0.00	80.28 -1.97 0.00	74.30 -1.91 0.00	69.88 -1.50 0.00	62.70 -0.89 0.00	58.45 -0.47 0.00	54.48 -1.28 0.00
NPX 61845	57.51 2.93 0.65	50.87 2.89 -0.65	50.17 2.88 0.00	50.41 3.03 0.00	50.55 3.08 0.00	58.28 3.61 0.00	73.99 4.71 0.00	76.40 5.40 -0.93	75.89 5.08 -1.25	76.41 5.08 -1.81	74.45 5.00 0.00	73.39 4.99 -0.97	70.42 4.85 0.00	67.70 4.61 0.00	66.06 4.49 0.00	66.10 4.50 -0.76	82.75 5.09 -7.87	98.42 6.88 -1.04	88.91 6.25 -0.40	81.92 5.72 0.00	76.95 5.57 0.00	70.25 4.39 -2.27	62.94 3.95 -0.08	59.33 3.57 0.00

OH 61846	54.46 -2.26 -1.49	40.97 -4.88 1.49	42.32 -4.96 0.00	42.12 -5.26 0.00	41.01 -6.45 0.00	49.09 -5.58 0.00	62.35 -6.93 0.00	60.07 -10.09 -0.09	58.77 -10.78 0.01	59.00 -10.50 0.03	59.30 -10.14 0.01	57.43 -9.98 0.02	55.80 -9.77 0.00	54.14 -8.96 0.00	52.89 -8.68 0.00	52.00 -8.82 0.02	59.56 -10.12 0.11	77.13 -12.94 0.43	71.47 -11.19 -0.40	66.98 -9.22 0.00	61.89 -9.49 0.00	53.65 -9.92 0.02	49.08 -9.84 -0.01	50.52 -5.24 0.00
PJM 61847	52.86 -2.38 0.00	47.99 0.66 0.00	47.90 0.61 0.00	48.04 0.66 0.00	48.03 0.57 0.00	54.00 1.42 2.09	73.31 1.94 -2.09	75.44 3.22 -2.14	74.43 2.36 -2.51	74.70 2.16 -3.02	73.87 2.22 -2.19	72.06 1.75 -2.87	69.71 1.64 -2.50	67.30 1.51 -2.69	65.49 1.54 -2.38	65.00 1.40 -2.76	75.71 1.67 -4.25	93.37 3.44 0.57	84.85 -3.45 -6.05	81.23 3.35 -1.68	75.53 2.93 -1.22	67.42 1.78 -2.05	60.66 0.88 -0.86	56.82 1.06 0.00
WEST 61752	40.17 -2.04 13.03	42.60 -4.73 0.00	42.56 -4.73 0.00	42.36 -5.02 0.00	41.34 -6.12 0.00	49.48 -5.19 0.00	63.88 -5.40 0.00	62.18 -7.99 -0.10	60.87 -8.69 -0.01	60.97 -8.55 0.00	61.25 -8.20 0.01	59.06 -8.36 0.00	57.44 -8.13 0.00	55.59 -7.51 0.00	54.30 -7.27 0.00	53.29 -7.54 0.00	61.36 -8.44 -0.02	80.27 -10.23 0.00	73.54 -8.72 0.00	69.35 -6.86 0.00	63.96 -7.42 0.00	55.40 -8.20 -0.02	50.32 -8.60 -0.01	50.97 -4.80 0.00