

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

12/18/2002

Name PTID	00:00 EST	01:00 EST	02:00 EST	03:00 EST	04:00 EST	05:00 EST	06:00 EST	07:00 EST	08:00 EST	09:00 EST	10:00 EST	11:00 EST	12:00 EST	13:00 EST	14:00 EST	15:00 EST	16:00 EST	17:00 EST	18:00 EST	19:00 EST	20:00 EST	21:00 EST	22:00 EST	23:00 EST
CAPITL 61757	71.81 5.25 0.00	62.76 4.54 0.00	68.48 5.38 0.00	65.94 5.74 0.00	56.10 5.02 0.00	82.31 7.33 0.00	103.35 7.23 0.00	73.62 4.28 0.00	80.39 4.01 0.00	67.86 3.59 0.00	67.72 3.84 0.00	68.41 4.11 0.00	61.81 3.26 0.00	59.56 3.08 0.00	55.77 3.06 0.00	96.63 6.11 0.00	65.56 4.06 0.00	64.58 3.70 0.00	69.67 4.24 0.00	64.89 4.26 0.00	88.31 5.90 0.00	82.25 5.37 0.00	66.16 4.84 0.00	55.25 4.24 0.00
CENTRL 61754	65.36 -1.19 0.00	57.05 -1.17 0.00	61.83 -1.28 0.00	58.72 -1.48 0.00	49.77 -1.31 0.00	72.94 -2.04 0.00	93.95 -2.17 0.00	68.21 -1.14 0.00	75.23 -1.15 0.00	63.09 -1.19 0.00	62.73 -1.15 0.00	63.13 -1.18 0.00	57.55 -1.00 0.00	55.51 -0.97 0.00	51.81 -0.90 0.00	88.83 -1.69 0.00	60.38 -1.12 0.00	59.93 -0.95 0.00	64.52 -0.91 0.00	59.64 -0.99 0.00	80.89 -1.51 0.00	75.31 -1.57 0.00	59.90 -1.43 0.00	49.76 -1.26 0.00
DUNWOD 61760	67.71 1.16 0.00	59.20 0.98 0.00	63.80 0.69 0.00	60.93 0.73 0.00	52.01 0.93 0.00	77.11 2.13 0.00	99.94 3.82 0.00	72.05 2.70 0.00	80.06 3.68 0.00	67.82 3.55 0.00	67.55 3.67 0.00	67.87 3.56 0.00	61.77 3.22 0.00	59.49 3.01 0.00	55.50 2.79 0.00	94.98 4.46 0.00	64.96 3.46 0.00	64.67 3.79 0.00	68.69 3.26 0.00	63.41 2.78 0.00	86.42 4.01 0.00	80.89 4.01 0.00	63.78 2.45 0.00	52.32 1.31 0.00
GENESE 61753	68.00 1.44 0.00	59.20 0.98 0.00	64.51 1.40 0.00	61.27 1.07 0.00	51.86 0.78 0.00	75.67 0.69 0.00	96.42 0.30 0.00	70.11 0.76 0.00	76.25 -0.13 0.00	63.92 -0.35 0.00	63.75 -0.13 0.00	64.70 0.39 0.00	59.10 0.55 0.00	56.97 0.48 0.00	53.27 0.56 0.00	91.70 1.18 0.00	62.01 0.51 0.00	61.54 0.66 0.00	66.84 1.41 0.00	61.97 1.35 0.00	83.68 1.27 0.00	77.66 0.77 0.00	62.22 0.89 0.00	51.85 0.84 0.00
H Q 61844	66.47 -0.08 0.00	58.02 -0.20 0.00	63.04 -0.07 0.00	60.30 0.10 0.00	44.27 0.28 2.07	66.00 -0.39 -1.15	96.18 0.06 0.00	69.34 -0.01 0.00	75.94 -0.45 0.00	63.76 -0.51 0.00	63.34 -0.54 0.00	63.97 -0.34 0.00	58.28 -0.27 0.00	56.25 -0.23 0.00	52.51 -0.20 0.00	90.00 -0.13 -25.43	61.16 -0.34 0.00	60.47 -0.41 0.00	65.33 -0.10 0.00	60.63 0.01 0.00	82.32 -0.08 0.00	76.78 -0.10 0.00	61.44 0.11 0.00	51.20 0.18 0.00
HUD VL 61758	66.55 -0.01 0.00	58.28 0.06 0.00	62.83 -0.28 0.00	59.93 -0.27 0.00	51.01 -0.07 0.00	75.49 0.51 0.00	97.94 1.82 0.00	70.61 1.27 0.00	78.32 1.94 0.00	66.10 1.83 0.00	65.65 1.77 0.00	65.83 1.53 0.00	59.91 1.36 0.00	57.75 1.27 0.00	53.85 1.14 0.00	92.29 1.77 0.00	63.13 1.63 0.00	62.58 1.70 0.00	66.68 1.25 0.00	61.65 1.02 0.00	83.94 1.53 0.00	78.51 1.63 0.00	62.09 0.76 0.00	51.18 0.16 0.00
LONGIL 61762	67.38 0.83 0.00	58.99 0.77 0.00	63.77 0.67 0.00	61.16 0.96 0.00	52.70 1.62 0.00	78.06 3.08 0.00	99.85 3.73 0.00	72.51 1.75 -1.41	79.26 2.65 -0.22	73.38 3.02 -6.08	67.45 3.57 0.00	68.45 4.15 0.00	62.44 3.88 0.00	60.75 3.56 -0.71	55.92 3.20 0.00	95.20 4.68 0.00	67.42 2.93 -2.98	81.66 3.72 -17.06	92.26 3.14 -23.69	109.74 2.82 -46.30	103.29 4.63 -16.25	100.30 4.76 -18.66	64.51 2.86 -0.33	52.27 1.26 0.00
MHK VL 61756	67.89 1.34 0.00	59.31 1.09 0.00	64.49 1.38 0.00	61.57 1.37 0.00	52.29 1.21 0.00	76.65 1.67 0.00	97.79 1.67 0.00	70.28 0.94 0.00	77.32 0.94 0.00	65.02 0.75 0.00	64.58 0.70 0.00	65.21 0.90 0.00	59.40 0.85 0.00	57.22 0.73 0.00	53.45 0.74 0.00	91.79 1.27 0.00	62.14 0.64 0.00	61.53 0.65 0.00	66.29 0.86 0.00	61.60 0.97 0.00	83.77 1.37 0.00	78.14 1.26 0.00	62.54 1.21 0.00	52.10 1.08 0.00
MILLWD 61759	66.78 0.23 0.00	58.42 0.20 0.00	62.96 -0.15 0.00	60.10 -0.10 0.00	51.28 0.20 0.00	75.98 1.00 0.00	98.49 2.37 0.00	71.04 1.69 0.00	78.91 2.53 0.00	66.76 2.49 0.00	66.42 2.54 0.00	66.70 2.40 0.00	60.71 2.16 0.00	58.47 1.98 0.00	54.54 1.83 0.00	93.36 2.84 0.00	63.87 2.38 0.00	63.54 2.66 0.00	67.53 2.10 0.00	62.36 1.73 0.00	85.00 2.59 0.00	79.57 2.68 0.00	62.81 1.48 0.00	51.56 0.55 0.00
N.Y.C. 61761	69.69 2.14 -0.99	59.97 1.75 0.00	64.61 1.50 0.00	61.76 1.56 0.00	55.62 1.72 -2.82	84.16 3.39 -5.78	101.66 5.44 -0.10	73.11 3.76 0.00	90.11 4.94 -8.79	90.80 4.89 -21.64	75.57 5.14 -6.55	69.50 5.14 -0.06	63.74 4.65 -0.54	60.86 4.38 0.00	63.14 4.13 -6.30	98.17 6.64 -1.01	70.83 4.96 -4.36	69.11 5.32 -2.91	72.71 4.74 -2.55	64.72 4.09 0.00	90.80 5.81 -2.58	83.86 5.79 -1.19	78.91 3.87 -13.71	69.34 2.24 -16.09
NORTH 61755	67.02 0.47 0.00	58.48 0.26 0.00	63.59 0.48 0.00	60.85 0.65 0.00	51.74 0.66 0.00	76.03 1.05 0.00	96.78 0.66 0.00	69.61 0.26 0.00	76.15 -0.23 0.00	63.92 -0.35 0.00	63.48 -0.40 0.00	64.19 -0.12 0.00	58.50 -0.06 0.00	56.42 -0.06 0.00	52.68 -0.03 0.00	90.53 0.01 0.00	61.34 -0.16 0.00	60.67 -0.21 0.00	65.60 0.17 0.00	60.95 0.33 0.00	82.76 0.36 0.00	77.22 0.34 0.00	61.87 0.54 0.00	51.63 0.61 0.00
NPX 61845	69.61 3.05 0.00	60.95 2.73 0.00	66.20 3.09 0.00	63.57 3.37 0.00	45.00 1.06 2.12	68.22 1.83 -1.15	99.21 3.09 0.00	70.76 1.41 0.00	77.70 1.32 0.00	65.65 1.38 0.00	65.32 1.44 0.00	65.75 1.45 0.00	59.64 1.09 0.00	57.52 1.04 0.00	53.81 1.10 0.00	92.72 2.59 -25.43	63.14 1.64 0.00	62.31 1.43 0.00	66.91 1.48 0.00	62.11 1.49 0.00	84.56 2.15 0.00	79.05 2.17 0.00	63.29 1.96 0.00	52.74 1.72 0.00

PJM		55.22 -11.34 0.00	48.45 -9.77 0.00	52.14 -10.96 0.00	48.91 -11.29 0.00	32.95 -7.46 5.65	60.39 -6.00 -1.15	79.01 -17.11 0.00	58.41 -10.94 0.00	63.68 -12.71 0.00	53.25 -11.02 0.00	52.78 -11.10 0.00	53.06 -11.25 0.00	48.76 -9.80 0.00	47.01 -9.47 0.00	43.81 -8.90 0.00	80.55 -9.58 -25.43	50.97 -10.53 0.00	50.17 -10.71 0.00	54.13 -11.30 0.00	50.07 -10.55 0.00	67.57 -14.84 0.00	62.86 -14.02 0.00	50.16 -11.17 0.00	41.93 -9.09 0.00
PJM	61847	60.39 -6.17 0.00	52.98 -5.24 0.00	20.00 -9.06 24.22	20.00 -7.02 22.08	22.99 -7.42 15.65	61.89 -4.50 -1.15	87.85 -8.27 0.00	63.96 -5.39 0.00	71.11 -5.27 0.00	60.06 -4.21 0.00	42.49 -6.87 14.21	45.49 -5.02 5.88	32.50 -8.80 17.78	28.50 -8.28 21.92	35.00 -7.12 17.19	28.49 -9.71 26.50	38.99 -4.79 13.22	56.47 -4.41 0.00	60.52 -4.91 0.00	56.20 -4.43 0.00	76.39 -6.01 0.00	71.00 -5.88 0.00	39.00 -6.73 4.51	34.00 -7.45 7.26
WEST	61752	61.49 -5.06 0.00	53.88 -4.34 0.00	57.94 -5.16 0.00	54.25 -5.95 0.00	45.91 -5.17 0.00	67.37 -7.61 0.00	87.89 -8.23 0.00	65.31 -4.04 0.00	71.59 -4.80 0.00	59.72 -4.55 0.00	59.37 -4.50 0.00	59.69 -4.62 0.00	54.98 -3.57 0.00	53.01 -3.47 0.00	49.27 -3.44 0.00	83.88 -6.64 0.00	57.07 -4.43 0.00	56.22 -4.66 0.00	60.78 -4.65 0.00	56.13 -4.50 0.00	75.63 -6.78 0.00	70.26 -6.62 0.00	55.88 -5.45 0.00	46.70 -4.32 0.00