

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/19/2003

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	44.90 2.45 0.00	44.38 2.43 0.00	38.59 2.12 0.00	33.10 1.79 0.00	30.08 1.64 0.00	30.38 1.64 0.00	34.13 1.84 0.00	36.75 1.94 0.00	44.81 2.30 0.00	46.34 2.34 0.00	48.17 2.47 0.00	48.97 2.55 0.00	47.96 2.46 0.00	47.18 2.38 0.00	46.68 2.36 0.00	47.05 2.42 0.00	47.98 2.48 0.00	49.34 2.58 0.00	56.57 2.94 0.00	57.69 3.49 0.00	54.36 3.11 0.00	49.82 2.64 0.00	45.47 2.47 0.00	39.58 2.17 0.00
CENTRL 61754	40.92 -1.53 0.00	40.35 -1.60 0.00	35.03 -1.44 0.00	30.08 -1.23 0.00	27.32 -1.12 0.00	27.65 -1.09 0.00	30.98 -1.31 0.00	33.51 -1.30 0.00	40.96 -1.55 0.00	42.31 -1.69 0.00	43.88 -1.82 0.00	44.57 -1.85 0.00	43.72 -1.78 0.00	43.09 -1.71 0.00	42.61 -1.71 0.00	42.87 -1.76 0.00	43.68 -1.82 0.00	44.87 -1.89 0.00	51.93 -1.70 0.00	52.63 -1.57 0.00	49.61 -1.64 0.00	45.47 -1.71 0.00	41.12 -1.88 0.00	35.71 -1.70 0.00
DUNWOD 61760	45.15 2.63 -0.07	44.43 2.48 0.00	38.66 2.19 0.00	33.13 1.82 0.00	30.09 1.65 0.00	30.41 1.67 0.00	34.42 2.13 0.00	37.00 2.19 0.00	45.39 2.76 -0.12	46.98 2.86 -0.12	48.83 3.02 -0.11	49.63 3.11 -0.10	48.62 3.00 -0.12	47.85 2.91 -0.14	47.40 2.93 -0.15	47.85 3.08 -0.14	48.81 3.19 -0.12	50.12 3.27 -0.09	57.01 3.38 0.00	57.99 3.79 0.00	54.79 3.54 0.00	50.47 3.21 -0.08	46.22 3.05 -0.17	40.52 2.84 -0.27
GENESE 61753	42.39 -0.06 0.00	41.61 -0.34 0.00	36.13 -0.34 0.00	31.02 -0.29 0.00	28.13 -0.31 0.00	28.54 -0.20 0.00	31.41 -0.88 0.00	34.30 -0.51 0.00	41.81 -0.70 0.00	43.12 -0.88 0.00	44.50 -1.20 0.00	45.19 -1.23 0.00	44.37 -1.13 0.00	43.85 -0.95 0.00	43.41 -0.91 0.00	43.63 -1.00 0.00	44.33 -1.17 0.00	45.36 -1.40 0.00	52.77 -0.86 0.00	53.37 -0.83 0.00	50.30 -0.95 0.00	46.31 -0.87 0.00	41.78 -1.22 0.00	36.09 -1.32 0.00
H Q 61844	42.07 -0.38 0.00	41.57 -0.38 0.00	36.14 -0.33 0.00	31.06 -0.25 0.00	28.21 -0.23 0.00	28.51 -0.23 0.00	32.06 -0.23 0.00	34.64 -0.17 0.00	42.25 -0.26 0.00	43.78 -0.22 0.00	45.52 -0.18 0.00	46.19 -0.23 0.00	45.27 -0.23 0.00	44.58 -0.22 0.00	44.10 -0.22 0.00	44.36 -0.27 0.00	45.23 -0.27 0.00	46.53 -0.23 0.00	53.25 -0.38 0.00	53.60 -0.60 0.00	50.79 -0.46 0.00	46.80 -0.38 0.00	42.74 -0.26 0.00	37.15 -0.26 0.00
HUD VL 61758	44.51 2.06 0.00	43.92 1.97 0.00	38.18 1.71 0.00	32.72 1.41 0.00	29.73 1.29 0.00	30.01 1.27 0.00	33.97 1.68 0.00	36.34 1.53 0.00	44.46 1.95 0.00	46.03 2.03 0.00	47.89 2.19 0.00	48.69 2.27 0.00	47.66 2.16 0.00	46.87 2.07 0.00	46.41 2.09 0.00	46.87 2.24 0.00	47.81 2.31 0.00	49.14 2.38 0.00	56.06 2.43 0.00	57.01 2.81 0.00	53.87 2.62 0.00	49.51 2.33 0.00	45.24 2.24 0.00	39.64 2.23 0.00
LONGIL 61762	46.33 3.80 -0.08	45.45 3.50 0.00	39.21 2.74 0.00	33.56 2.25 0.00	30.48 2.04 0.00	31.06 2.32 0.00	35.45 3.16 0.00	38.19 3.38 0.00	46.56 3.92 -0.13	48.12 3.98 -0.14	52.05 4.04 -2.31	53.15 4.18 -2.55	52.73 4.05 -3.18	52.36 3.93 -3.63	52.10 3.91 -3.87	52.27 4.10 -3.54	53.13 4.23 -3.40	52.98 4.29 -1.93	57.67 4.01 -0.03	63.60 5.20 -4.20	61.45 4.77 -5.43	54.34 4.21 -2.95	50.47 4.02 -3.45	44.81 3.78 -3.62
MHK VL 61756	42.12 -0.33 0.00	41.59 -0.36 0.00	36.15 -0.32 0.00	31.08 -0.23 0.00	28.24 -0.20 0.00	28.56 -0.18 0.00	32.12 -0.17 0.00	34.62 -0.19 0.00	42.29 -0.22 0.00	43.83 -0.17 0.00	45.54 -0.16 0.00	46.24 -0.18 0.00	45.32 -0.18 0.00	44.63 -0.17 0.00	44.11 -0.21 0.00	44.38 -0.25 0.00	45.29 -0.21 0.00	46.60 -0.16 0.00	53.57 -0.06 0.00	54.22 0.02 0.00	51.20 -0.05 0.00	47.05 -0.13 0.00	42.83 -0.17 0.00	37.19 -0.22 0.00
MILLWD 61759	44.49 2.04 0.00	43.88 1.93 0.00	38.15 1.68 0.00	32.69 1.38 0.00	29.70 1.26 0.00	30.02 1.28 0.00	34.00 1.71 0.00	36.48 1.67 0.00	44.64 2.13 0.00	46.20 2.20 0.00	48.08 2.38 0.00	48.88 2.46 0.00	47.84 2.34 0.00	47.04 2.24 0.00	46.58 2.26 0.00	47.06 2.43 0.00	48.00 2.50 0.00	49.33 2.57 0.00	56.23 2.60 0.00	57.18 2.98 0.00	54.04 2.79 0.00	49.70 2.52 0.00	45.45 2.45 0.00	39.71 2.30 0.00
N.Y.C. 61761	51.58 3.13 -6.00	44.99 3.01 -0.03	39.19 2.72 0.00	33.59 2.28 0.00	30.51 2.07 0.00	30.83 2.09 0.00	34.93 2.64 0.00	37.44 2.63 0.00	53.66 3.29 -7.86	54.93 3.39 -7.54	55.92 3.60 -6.62	56.26 3.70 -6.14	56.24 3.57 -7.17	56.75 3.47 -8.48	56.73 3.47 -8.94	56.76 3.66 -8.47	56.80 3.74 -7.56	56.87 3.84 -6.27	62.38 4.07 -4.68	63.22 4.43 -4.59	60.86 4.23 -5.38	57.00 3.82 -6.00	56.29 3.59 -9.70	54.63 3.28 -13.94
NORTH 61755	41.48 -0.97 0.00	40.98 -0.97 0.00	35.71 -0.76 0.00	30.74 -0.57 0.00	27.93 -0.51 0.00	28.26 -0.48 0.00	31.84 -0.45 0.00	34.46 -0.35 0.00	41.92 -0.59 0.00	43.60 -0.40 0.00	45.38 -0.32 0.00	46.00 -0.42 0.00	45.11 -0.39 0.00	44.41 -0.39 0.00	43.91 -0.41 0.00	44.04 -0.59 0.00	44.93 -0.57 0.00	46.22 -0.54 0.00	52.80 -0.83 0.00	52.89 -1.31 0.00	50.15 -1.10 0.00	46.34 -0.84 0.00	42.55 -0.45 0.00	36.90 -0.51 0.00
NPX 61845	44.57 2.12 0.00	44.05 2.10 0.00	38.29 1.82 0.00	32.84 1.53 0.00	29.83 1.39 0.00	30.15 1.41 0.00	34.00 1.71 0.00	36.52 1.71 0.00	44.59 2.08 0.00	46.16 2.16 0.00	47.99 2.29 0.00	48.79 2.37 0.00	47.78 2.28 0.00	47.00 2.20 0.00	46.49 2.17 0.00	46.91 2.28 0.00	47.82 2.32 0.00	49.19 2.43 0.00	56.26 2.63 0.00	57.13 2.93 0.00	53.86 2.61 0.00	49.59 2.41 0.00	45.32 2.32 0.00	39.54 2.13 0.00

61846	41.39	40.61	35.27	30.31	27.44	27.88	30.03	33.00	40.00	41.01	42.00	42.57	42.00	41.62	41.31	41.46	41.95	42.79	49.93	49.97	47.05	43.83	39.65	34.27
	-1.06 0.00	-1.34 0.00	-1.20 0.00	-1.00 0.00	-1.00 0.00	-0.86 0.00	-2.26 0.00	-1.81 0.00	-2.51 0.00	-2.99 0.00	-3.70 0.00	-3.85 0.00	-3.50 0.00	-3.18 0.00	-3.01 0.00	-3.17 0.00	-3.55 0.00	-3.97 0.00	-3.70 0.00	-4.23 0.00	-4.20 0.00	-3.35 0.00	-3.35 0.00	-3.14 0.00
PJM 61847	38.80	38.09	33.08	28.46	25.85	26.21	29.58	32.37	39.41	40.00	41.22	41.82	41.00	40.50	40.15	40.30	40.72	41.76	49.50	50.08	47.05	42.60	37.63	33.00
	-3.65 0.00	-3.86 0.00	-3.39 0.00	-2.85 0.00	-2.59 0.00	-2.53 0.00	-2.71 0.00	-2.44 0.00	-3.10 0.00	-4.00 0.00	-4.48 0.00	-4.60 0.00	-4.50 0.00	-4.30 0.00	-4.17 0.00	-4.33 0.00	-4.78 0.00	-5.00 0.00	-4.13 0.00	-4.12 0.00	-4.20 0.00	-4.58 0.00	-5.37 0.00	-4.41 0.00
WEST 61752	41.00	40.21	34.93	30.05	27.25	27.69	30.05	33.11	40.13	41.03	42.06	42.64	42.03	41.64	41.31	41.46	41.87	42.74	50.20	50.34	47.39	43.92	39.47	34.13
	-1.45 0.00	-1.74 0.00	-1.54 0.00	-1.26 0.00	-1.19 0.00	-1.05 0.00	-2.24 0.00	-1.70 0.00	-2.38 0.00	-2.97 0.00	-3.64 0.00	-3.78 0.00	-3.47 0.00	-3.16 0.00	-3.01 0.00	-3.17 0.00	-3.63 0.00	-4.02 0.00	-3.43 0.00	-3.86 0.00	-3.86 0.00	-3.26 0.00	-3.53 0.00	-3.28 0.00