

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

09/09/2002

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	38.47	36.11	29.92	29.02	28.80	33.25	38.40	41.39	44.86	61.55	67.92	69.35	78.83	87.47	93.19	95.08	95.29	84.65	72.30	66.10	61.92	51.87	48.96	44.67
61757	1.48	1.35	1.15	1.00	1.00	1.19	1.38	2.12	2.35	3.15	3.71	3.56	4.18	4.88	5.01	4.63	4.75	4.17	3.43	2.89	2.68	2.57	2.60	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	35.58	33.42	27.60	26.93	26.75	30.83	35.57	38.31	41.59	57.51	63.55	65.18	74.11	82.14	87.99	90.49	90.56	80.47	68.61	62.85	58.91	49.11	45.53	42.06
61754	-1.41	-1.34	-1.17	-1.09	-1.05	-1.23	-1.45	-0.96	-0.92	-0.89	-0.66	-0.61	-0.54	-0.45	-0.19	0.04	0.02	-0.01	-0.26	-0.36	-0.33	-0.19	-0.83	-1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	39.38	37.15	30.89	30.08	29.87	34.39	39.35	42.40	45.94	62.96	69.54	70.99	80.62	89.44	95.23	97.60	97.78	86.84	74.17	68.01	63.45	53.24	50.16	45.74
61760	2.37	2.33	1.93	1.88	1.86	2.21	2.30	3.02	3.27	4.56	5.33	5.20	5.97	6.85	7.05	7.15	7.24	6.36	5.30	4.80	4.21	3.94	3.80	2.43
	-0.02	-0.06	-0.19	-0.18	-0.21	-0.12	-0.03	-0.11	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	34.97	32.75	26.91	26.39	26.27	30.33	34.87	38.31	41.80	58.28	64.65	66.46	75.54	83.62	90.35	93.14	93.15	82.66	69.98	64.21	60.37	50.68	46.23	41.93
61753	-2.02	-2.01	-1.86	-1.63	-1.53	-1.73	-2.15	-0.96	-0.71	-0.12	0.44	0.67	0.89	1.03	2.17	2.69	2.61	2.18	1.11	1.00	1.13	1.38	-0.13	-1.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	24.89	34.62	28.68	27.94	27.69	28.25	30.36	49.12	41.87	57.29	62.73	64.34	73.01	80.53	86.06	88.19	88.28	78.55	67.29	61.88	58.06	53.18	52.32	29.37
61844	-0.11	-0.14	-0.09	-0.08	-0.11	-0.13	0.11	-0.59	-0.64	-1.11	-1.48	-1.45	-1.64	-2.06	-2.12	-2.26	-2.26	-1.93	-1.58	-1.33	-1.18	-1.33	-1.02	-0.17
	11.99	0.00	0.00	0.00	0.00	3.68	6.77	-10.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.21	-6.98	13.77	
HUD VL	39.05	36.66	30.33	29.53	29.32	33.86	38.86	41.80	45.21	62.17	68.68	70.19	79.67	88.43	94.12	96.51	96.67	85.85	73.43	67.29	62.83	52.67	49.76	45.54
61758	2.06	1.90	1.56	1.51	1.52	1.80	1.84	2.53	2.70	3.77	4.47	4.40	5.02	5.84	5.94	6.06	6.13	5.37	4.56	4.08	3.59	3.37	3.40	2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	39.39	37.66	37.34	37.22	36.55	37.33	39.28	41.95	45.27	63.29	70.22	88.29	88.29	89.45	95.52	97.76	98.62	89.89	89.11	88.59	90.09	139.33	67.31	45.67
61762	2.45	2.88	2.39	2.32	2.28	2.70	2.31	2.88	3.07	4.89	6.01	4.79	5.73	6.86	7.34	7.31	7.32	6.36	5.61	4.74	4.11	4.01	4.20	2.36
	0.05	-0.02	-6.18	-6.88	-6.47	-2.57	0.05	0.20	0.31	0.00	0.00	-17.71	-7.91	0.00	0.00	0.00	-0.76	-3.05	-14.63	-20.64	-26.74	-86.02	-16.75	0.00
MHK VL	37.07	34.79	28.80	28.04	27.73	32.00	37.17	39.58	42.67	58.79	64.79	66.39	75.42	83.44	89.15	91.42	91.53	81.35	69.56	63.83	59.89	49.79	46.53	43.59
61756	0.08	0.03	0.03	0.02	-0.07	-0.06	0.15	0.31	0.16	0.39	0.58	0.60	0.77	0.85	0.97	0.97	0.99	0.87	0.69	0.62	0.65	0.49	0.17	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	38.89	36.65	30.32	29.53	29.31	33.87	38.85	41.76	45.16	62.13	68.61	70.06	79.54	88.28	93.95	96.32	96.47	85.67	73.20	67.12	62.61	52.55	49.51	45.15
61759	1.90	1.89	1.55	1.51	1.51	1.81	1.83	2.49	2.65	3.73	4.40	4.27	4.89	5.69	5.77	5.87	5.93	5.19	4.33	3.91	3.37	3.25	3.15	1.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	42.62	40.08	40.91	39.80	40.84	40.08	42.65	48.79	58.87	69.82	78.91	82.84	100.08	90.98	99.08	101.08	98.53	92.14	76.67	71.60	67.40	53.81	50.72	47.01
61761	2.81	2.72	2.25	2.19	2.18	2.57	2.75	3.52	3.82	5.31	6.08	5.97	6.70	7.77	7.84	8.00	7.99	7.05	5.81	5.32	4.56	4.51	4.36	2.90
	-2.82	-2.60	-9.89	-9.59	-10.86	-5.45	-2.88	-6.00	-12.54	-6.11	-8.62	-11.08	-18.73	-0.62	-3.06	-2.63	0.00	-4.61	-1.99	-3.07	-3.60	0.00	0.00	-0.80
NORTH	36.69	34.44	28.54	27.78	27.54	31.76	37.15	38.42	41.58	56.91	62.27	63.87	72.37	79.87	85.27	87.35	87.44	77.83	66.63	61.34	57.57	47.36	44.84	42.88
61755	-0.30	-0.32	-0.23	-0.24	-0.26	-0.30	0.13	-0.85	-0.93	-1.49	-1.94	-1.92	-2.28	-2.72	-2.91	-3.10	-3.10	-2.65	-2.24	-1.87	-1.67	-1.94	-1.52	-0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	26.59	36.32	30.06	29.25	29.02	29.82	31.77	51.99	45.10	61.96	68.38	69.93	79.50	88.21	93.91	96.15	96.33	85.47	73.14	66.94	62.56	57.57	56.21	31.14
61845	1.59	1.56	1.29	1.23	1.22	1.44	1.52	2.28	2.59	3.56	4.17	4.14	4.85	5.62	5.73	5.70	5.79	4.99	4.27	3.73	3.32	3.06	2.87	1.60
	11.99	0.00	0.00	0.00	0.00	3.68	6.77	-10.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.21	-6.98	13.77	

PJM 61846	22.45 -2.55 11.99	32.12 -2.64 0.00	26.35 -2.42 0.00	25.89 -2.13 0.00	25.77 -2.03 0.00	26.01 -2.37 3.68	26.96 -3.29 6.77	48.14 -1.57 -10.44	40.81 -1.70 0.00	56.88 -1.52 0.00	62.80 -1.41 0.00	64.21 -1.58 0.00	72.86 -1.79 0.00	80.19 -2.40 0.00	87.12 -1.06 0.00	90.00 -0.45 0.00	90.00 -0.54 0.00	80.00 -0.48 0.00	67.63 -1.24 0.00	62.33 -0.88 0.00	58.59 -0.65 0.00	55.00 0.49 -5.21	52.18 -1.16 -6.98	26.77 -2.77 13.77
PJM 61847	20.00 -4.70 12.29	15.99 -4.42 14.35	15.00 -3.77 10.00	15.00 -3.59 9.43	15.00 -3.50 9.30	18.00 -4.04 10.02	25.96 -4.29 6.77	46.80 -2.91 -10.44	39.75 -2.76 0.00	55.19 -3.21 0.00	61.64 -2.57 0.00	63.16 -2.63 0.00	72.41 -2.24 0.00	80.36 -2.23 0.00	85.89 -2.29 0.00	88.82 -1.63 0.00	89.09 -1.45 0.00	79.84 -0.64 0.00	67.97 -0.90 0.00	62.14 -1.07 0.00	57.94 -1.30 0.00	53.47 -1.04 -5.21	50.00 -3.34 -6.98	24.99 -4.55 13.77
WEST 61752	34.11 -2.88 0.00	31.85 -2.91 0.00	26.12 -2.65 0.00	25.66 -2.36 0.00	25.54 -2.26 0.00	29.42 -2.64 0.00	33.61 -3.41 0.00	37.60 -1.67 0.00	40.79 -1.72 0.00	56.93 -1.47 0.00	63.01 -1.20 0.00	64.51 -1.28 0.00	73.20 -1.45 0.00	80.61 -1.98 0.00	87.45 -0.73 0.00	90.44 -0.01 0.00	90.42 -0.12 0.00	80.48 0.00 0.00	68.07 -0.80 0.00	62.60 -0.61 0.00	58.86 -0.38 0.00	49.85 0.55 0.00	44.96 -1.40 0.00	40.31 -3.00 0.00