

## Average Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

### Zonal Prices

Date: 01/13/2000

Name Ptid	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
CAPITL 61757	2.77 0.14 0.00	5.06 0.24 0.00	18.87 1.03 0.00	14.66 0.78 0.00	12.47 0.66 0.00	13.57 0.75 0.00	24.99 1.25 0.00	23.41 1.27 0.00	26.94 1.73 0.00	33.38 1.29 -14.03	55.03 1.18 -36.60	50.99 0.65 -40.15	39.04 1.34 -17.96	39.33 2.26 -5.76	43.26 0.86 -29.97	35.64 2.26 -1.83	41.61 2.87 0.00	46.91 3.36 0.00	28.15 1.78 0.00	23.20 1.37 -1.45	48.52 1.90 -19.20	26.01 1.54 -2.35	28.29 1.64 0.00	20.87 1.36 0.00
CENTRL 61754	2.61 -0.03 0.00	4.76 -0.06 0.00	17.51 -0.32 0.00	13.64 -0.24 0.00	11.60 -0.20 0.00	12.57 -0.24 0.00	23.20 -0.54 0.00	21.60 -0.53 0.00	24.58 -0.63 0.00	19.06 -0.47 -1.47	20.65 -0.45 -3.86	14.16 -0.25 -4.23	21.10 -0.53 -1.88	31.02 -0.89 -0.60	15.24 -0.35 -3.15	30.82 -0.93 -0.19	37.70 -1.04 0.00	42.44 -1.10 0.00	25.79 -0.58 0.00	20.06 -0.47 -0.15	28.77 -0.69 -2.03	21.78 -0.60 -0.25	25.89 -0.76 0.00	18.90 -0.60 0.00
DUNWOD 61760	2.78 0.15 0.00	5.06 0.24 0.00	18.60 0.76 0.00	14.49 0.61 0.00	12.33 0.53 0.00	13.48 0.67 0.00	25.31 1.57 0.00	23.82 1.69 0.00	27.18 1.97 0.00	30.58 1.55 -10.96	47.37 1.52 -28.59	42.45 0.89 -31.37	35.40 1.64 -14.03	38.37 2.56 -4.50	36.86 1.02 -23.41	35.58 2.60 -1.43	42.01 3.26 0.00	47.28 3.74 0.00	28.53 2.16 0.00	23.22 1.70 -1.13	44.64 2.21 -15.00	25.67 1.71 -1.83	28.66 2.01 0.00	20.74 1.24 0.00
GENESE 61753	2.62 -0.02 0.00	4.79 -0.04 0.00	17.62 -0.22 0.00	13.58 -0.31 0.00	11.56 -0.25 0.00	12.52 -0.30 0.00	23.06 -0.68 0.00	21.44 -0.69 0.00	24.47 -0.74 0.00	18.79 -0.58 -1.31	20.12 -0.57 -3.44	13.63 -0.33 -3.77	20.79 -0.63 -1.68	30.79 -1.05 -0.53	14.87 -0.39 -2.83	30.78 -0.95 -0.17	37.71 -1.04 0.00	42.71 -0.84 0.00	25.95 -0.42 0.00	20.09 -0.43 -0.14	28.51 -0.75 -1.83	21.73 -0.62 -0.22	25.74 -0.91 0.00	18.90 -0.60 0.00
H Q 61844	2.63 -0.01 0.00	4.80 -0.02 0.00	17.74 -0.09 0.00	13.83 -0.06 0.00	11.77 -0.04 0.00	12.76 -0.06 0.00	23.52 -0.22 0.00	21.82 -0.31 0.00	24.86 -0.35 0.00	17.69 -0.29 0.08	16.75 -0.29 0.21	9.79 -0.16 0.23	19.34 -0.30 0.11	30.83 -0.45 0.03	12.08 -0.17 0.18	31.17 -0.38 0.01	38.18 -0.57 0.00	42.93 -0.62 0.00	26.02 -0.35 0.00	20.06 -0.31 0.01	26.89 -0.43 0.11	21.85 -0.26 0.01	26.46 -0.19 0.00	19.45 -0.06 0.00
HUD VL 61758	2.74 0.11 0.00	4.99 0.17 0.00	18.37 0.53 0.00	14.31 0.43 0.00	12.17 0.37 0.00	13.28 0.47 0.00	24.84 1.10 0.00	23.33 1.20 0.00	26.58 1.37 0.00	30.12 1.09 -10.98	46.97 1.08 -28.64	42.24 0.64 -31.42	34.96 1.16 -14.05	37.63 1.81 -4.51	36.60 0.72 -23.45	34.79 1.80 -1.43	40.98 2.23 0.00	46.12 2.57 0.00	27.88 1.51 0.00	22.73 1.21 -1.14	44.05 1.60 -15.02	25.17 1.21 -1.84	28.06 1.41 0.00	20.36 0.86 0.00
LONGIL	27.89	27.05	26.69	25.62	19.79	27.84	31.16	31.90	31.64	32.45	48.05	42.76	64.21	42.71	72.53	47.62	81.13	111.97	120.76	118.61	97.48	76.11	47.74	32.09

61762	0.22	0.37	1.25	0.99	0.86	1.05	2.27	2.26	2.60	2.01	1.92	1.10	2.04	3.19	1.26	3.31	4.19	4.54	2.60	1.98	2.63	2.10	2.46	1.72
	-25.03	-21.86	-7.60	-10.75	-7.13	-13.97	-5.15	-7.51	-3.83	-12.38	-28.89	-31.48	-42.43	-8.21	-58.83	-12.75	-38.19	-63.88	-91.79	-96.24	-67.41	-51.89	-18.63	-10.88
MHK VL	2.64	4.83	17.92	13.96	11.86	12.87	23.82	22.24	25.44	18.57	18.32	11.28	20.34	31.72	13.29	31.92	39.23	44.12	26.71	20.65	28.21	22.43	26.90	19.69
61756	0.00	0.01	0.09	0.07	0.06	0.06	0.08	0.10	0.23	0.16	0.14	0.07	0.14	0.27	0.11	0.32	0.49	0.58	0.34	0.24	0.29	0.25	0.25	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-0.94	-1.03	-0.45	-0.14	-0.76	-0.05	0.00	0.00	0.00	-0.03	-0.49	-0.06	0.00	0.00
MILLWD	2.75	4.99	18.37	14.31	12.17	13.31	24.96	23.48	26.77	30.15	46.78	41.96	34.93	37.80	36.42	35.04	41.35	46.53	28.09	22.87	44.04	25.30	28.25	20.45
61759	0.11	0.17	0.53	0.42	0.37	0.49	1.22	1.34	1.56	1.24	1.23	0.72	1.30	2.04	0.81	2.07	2.60	2.99	1.72	1.36	1.77	1.36	1.60	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.85	-28.31	-31.05	-13.89	-4.45	-23.18	-1.41	0.00	0.00	0.00	-1.12	-14.84	-1.81	0.00	0.00
N.Y.C.	2.83	5.13	18.84	14.69	12.50	13.70	25.80	24.34	27.83	31.10	47.84	42.72	35.86	39.06	37.17	36.30	42.93	48.34	29.11	23.70	45.26	26.11	29.20	21.08
61761	0.19	0.31	1.00	0.80	0.70	0.88	2.06	2.20	2.62	2.06	1.96	1.12	2.08	3.25	1.29	3.31	4.18	4.79	2.75	2.18	2.81	2.15	2.55	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.97	-28.64	-31.42	-14.05	-4.51	-23.45	-1.43	0.00	0.00	0.00	-1.14	-15.02	-1.83	0.00	0.00
NORTH	2.63	4.80	17.76	13.85	11.78	12.78	23.52	21.82	24.90	17.67	16.65	9.64	19.20	30.68	11.95	31.16	38.26	43.07	26.09	20.09	26.86	21.87	26.47	19.47
61755	-0.01	-0.02	-0.08	-0.04	-0.02	-0.04	-0.22	-0.32	-0.31	-0.27	-0.28	-0.21	-0.39	-0.58	-0.22	-0.38	-0.49	-0.48	-0.28	-0.28	-0.40	-0.24	-0.18	-0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.32	0.35	0.15	0.05	0.26	0.02	0.00	0.00	0.00	0.01	0.17	0.02	0.00	0.00
NPX	2.70	4.93	18.32	14.26	12.11	13.18	24.40	22.90	26.24	32.08	52.50	48.45	37.48	38.12	41.22	34.71	40.53	45.60	27.45	22.64	46.79	25.32	27.68	20.30
61845	0.06	0.11	0.48	0.37	0.30	0.37	0.66	0.77	1.03	0.80	0.75	0.41	0.81	1.38	0.54	1.43	1.78	2.05	1.08	0.89	1.26	0.98	1.03	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.22	-34.50	-37.85	-16.93	-5.43	-28.25	-1.72	0.00	0.00	0.00	-1.37	-18.10	-2.21	0.00	0.00
O H	2.59	4.75	17.32	13.52	11.54	12.43	22.98	21.18	23.70	18.56	20.61	14.51	20.66	29.82	15.34	29.58	36.16	40.73	24.91	19.39	28.13	21.05	25.20	18.59
61846	-0.05	-0.08	-0.52	-0.37	-0.26	-0.38	-0.76	-0.95	-1.51	-1.24	-1.17	-0.65	-1.30	-2.20	-0.82	-2.21	-2.59	-2.82	-1.46	-1.17	-1.72	-1.37	-1.45	-0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.73	-4.53	-4.97	-2.22	-0.71	-3.74	-0.23	0.00	0.00	0.00	-0.18	-2.41	-0.29	0.00	0.00
PJM	2.55	4.65	17.06	13.32	11.34	12.27	22.71	21.06	23.76	19.24	22.19	16.15	21.50	30.35	16.62	29.97	36.47	40.97	24.99	19.54	29.13	21.30	25.29	18.45
61847	-0.09	-0.17	-0.77	-0.57	-0.46	-0.54	-1.03	-1.07	-1.45	-1.10	-1.01	-0.57	-1.16	-1.89	-0.73	-1.89	-2.28	-2.58	-1.38	-1.08	-1.48	-1.22	-1.36	-1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.28	-5.95	-6.53	-2.92	-0.93	-4.92	-0.30	0.00	0.00	0.00	-0.24	-3.17	-0.39	0.00	0.00
WEST	2.59	4.77	17.38	13.57	11.59	12.48	23.07	21.22	23.69	18.51	20.53	14.43	20.66	29.84	15.27	29.51	36.05	40.60	24.88	19.36	28.03	21.01	25.16	18.56
61752	-0.04	-0.06	-0.46	-0.32	-0.21	-0.33	-0.67	-0.91	-1.52	-1.25	-1.16	-0.63	-1.26	-2.16	-0.82	-2.27	-2.69	-2.94	-1.48	-1.19	-1.76	-1.41	-1.49	-0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.70	-4.44	-4.87	-2.17	-0.69	-3.66	-0.22	0.00	0.00	0.00	-0.18	-2.36	-0.29	0.00	0.00