

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

06/20/2000

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	20.94	15.58	14.32	12.86	12.86	15.85	26.95	52.38	52.37	55.42	59.61	83.18	94.02	69.59	79.37	99.32	95.32	80.32	74.08	52.03	53.04	52.08	53.49	43.36
61757	0.19	0.14	0.13	0.12	0.12	0.14	0.24	0.31	0.38	0.35	0.35	0.36	0.35	0.48	0.44	0.55	0.46	0.48	0.45	0.47	0.38	0.46	0.35	0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.59	-10.14	-16.08	-20.90	-42.74	-55.04	-16.27	-29.70	-37.90	-43.50	-26.77	-23.94	0.00	-10.37	0.00	-14.01	0.00
CENTRL	20.23	15.05	13.83	12.42	12.42	15.32	26.04	35.31	41.77	39.56	39.45	43.27	43.06	53.12	50.91	63.06	54.33	54.36	50.79	50.27	42.24	50.33	39.52	41.89
61754	-0.52	-0.39	-0.36	-0.32	-0.32	-0.39	-0.67	-0.86	-1.05	-0.98	-0.96	-1.00	-0.97	-1.32	-1.23	-1.53	-1.29	-1.33	-1.24	-1.29	-1.06	-1.29	-0.98	-1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.69	-0.97	-1.55	-2.05	-4.19	-5.40	-1.60	-2.91	-3.72	-4.26	-2.62	-2.34	0.00	-1.01	0.00	-1.37	0.00
DUNWOD	22.88	17.02	15.65	14.05	14.05	17.32	29.45	51.74	54.04	55.53	58.59	77.51	85.51	70.95	77.44	96.68	90.53	79.39	73.45	56.85	54.71	56.92	54.07	47.43
61760	2.13	1.58	1.46	1.31	1.31	1.61	2.74	3.54	4.29	4.00	3.94	4.11	3.96	5.42	5.05	6.25	5.27	5.45	5.10	5.29	4.34	5.30	4.02	4.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.72	-7.90	-12.54	-16.29	-33.32	-42.92	-12.69	-23.16	-29.56	-33.90	-20.87	-18.66	0.00	-8.08	0.00	-10.92	-0.05
GENESE	19.52	14.53	13.35	11.99	11.99	14.78	25.13	34.10	40.32	38.19	38.08	41.78	41.58	51.26	49.14	60.87	52.46	52.47	49.03	48.50	40.77	48.56	38.14	40.42
61753	-1.23	-0.91	-0.84	-0.75	-0.75	-0.93	-1.58	-2.04	-2.48	-2.31	-2.27	-2.37	-2.29	-3.13	-2.92	-3.61	-3.04	-3.15	-2.94	-3.06	-2.51	-3.06	-2.32	-2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.66	-0.95	-1.51	-1.99	-4.07	-5.24	-1.55	-2.83	-3.61	-4.14	-2.55	-2.28	0.00	-0.99	0.00	-1.33	0.00
H Q	20.28	15.09	13.87	12.45	12.45	15.36	26.11	33.71	40.91	38.11	37.50	39.18	37.76	51.65	48.12	59.50	50.21	51.88	48.57	50.40	41.34	50.46	38.25	42.01
61844	-0.47	-0.35	-0.32	-0.29	-0.29	-0.35	-0.60	-0.77	-0.94	-0.88	-0.86	-0.90	-0.87	-1.19	-1.11	-1.37	-1.15	-1.19	-1.12	-1.16	-0.95	-1.16	-0.88	-0.96
	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
HUD VL	22.33	16.62	15.27	13.71	13.71	16.91	28.74	50.82	52.93	54.49	57.55	76.41	84.44	69.54	76.11	95.02	89.17	77.98	72.14	55.49	53.59	55.55	53.03	46.24
61758	1.58	1.18	1.08	0.97	0.97	1.20	2.03	2.63	3.19	2.97	2.92	3.05	2.94	4.03	3.75	4.64	3.91	4.04	3.79	3.93	3.22	3.93	2.98	3.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.71	-7.89	-12.53	-16.27	-33.28	-42.87	-12.67	-23.13	-29.51	-33.90	-20.87	-18.66	0.00	-8.08	0.00	-10.92	0.00
LONGIL	45.57	43.62	41.72	41.09	41.09	41.80	44.32	49.45	50.77	50.97	58.21	78.38	86.37	72.03	78.47	97.94	91.63	80.49	74.47	57.88	55.58	57.95	50.27	48.14
61762	2.54	1.89	1.74	1.56	1.56	1.93	3.28	4.23	5.13	4.78	4.70	4.91	4.74	6.48	6.04	7.46	6.30	6.51	6.09	6.32	5.19	6.33	4.80	5.27
	-22.28	-26.29	-25.79	-26.79	-26.79	-24.16	-14.33	-10.74	-3.79	-7.20	-15.15	-33.39	-43.00	-12.71	-23.20	-29.61	-33.97	-20.91	-18.69	0.00	-8.10	0.00	-6.34	0.10
MHK VL	20.82	15.50	14.24	12.79	12.79	15.77	26.81	35.17	42.33	39.65	39.22	41.70	40.68	53.59	50.44	62.40	53.06	54.19	50.70	51.75	42.81	51.81	39.76	43.13
61756	0.07	0.06	0.05	0.05	0.05	0.06	0.10	0.12	0.15	0.14	0.14	0.14	0.14	0.19	0.18	0.22	0.19	0.19	0.18	0.19	0.16	0.19	0.14	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.57	-0.33	-0.52	-0.72	-1.48	-1.91	-0.56	-1.03	-1.31	-1.51	-0.93	-0.83	0.00	-0.36	0.00	-0.49	0.00
MILLWD	22.63	16.84	15.48	13.90	13.90	17.13	29.13	51.18	53.47	54.94	57.96	76.68	84.61	70.18	76.60	95.63	89.60	78.53	72.66	56.24	54.13	56.30	53.49	46.90
61759	1.88	1.40	1.29	1.16	1.16	1.42	2.42	3.12	3.80	3.54	3.48	3.63	3.51	4.79	4.46	5.52	4.66	4.81	4.50	4.68	3.84	4.68	3.55	3.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.58	-7.82	-12.41	-16.12	-32.97	-42.47	-12.55	-22.91	-29.24	-33.58	-20.65	-18.47	0.00	-8.00	0.00	-10.81	-0.04
N.Y.C.	33.79	29.80	28.91	27.87	14.32	17.67	37.73	52.94	55.02	56.35	59.34	78.02	85.86	71.80	78.12	97.29	91.06	80.11	74.20	57.89	55.61	58.01	55.08	51.83
61761	2.58	1.92	1.77	1.58	1.58	1.96	3.32	4.29	5.21	4.86	4.78	4.99	4.81	6.58	6.13	7.58	6.40	6.61	6.19	6.42	5.27	6.43	4.87	5.35
	-10.46	-12.44	-12.95	-13.55	0.00	0.00	-7.70	-14.17	-7.96	-12.50	-16.20	-32.95	-42.42	-12.38	-22.76	-28.84	-33.30	-20.43	-18.32	0.09	-8.05	0.04	-11.08	-3.51
NORTH	20.15	14.99	13.78	12.37	12.37	15.25	25.94	33.25	40.50	37.65	37.00	38.39	36.85	51.12	47.44	58.61	49.39	51.23	47.98	50.07	40.95	50.12	37.84	41.73
61755	-0.60	-0.45	-0.41	-0.37	-0.37	-0.46	-0.77	-1.00	-1.22	-1.13	-1.11	-1.17	-1.12	-1.53	-1.43	-1.76	-1.49	-1.54	-1.44	-1.49	-1.23	-1.50	-1.14	-1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.13	0.21	0.25	0.52	0.66	0.19	0.36	0.50	0.48	0.30	0.27	0.00	0.11	0.00	0.15	0.00
NPX	21.06	15.67	14.40	12.93	12.93	15.94	27.11	51.53	52.00	54.69	58.57	80.84	90.94	68.91	77.88	97.40	92.99	79.02	72.92	52.32	52.66	52.39	52.87	43.61
61845	0.31	0.23	0.21	0.19	0.19	0.23	0.40	0.51	0.62	0.58	0.57	0.59	0.57	0.78	0.73	0.90	0.76	0.79	0.74	0.76	0.63	0.77	0.58	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.54	-9.53	-15.12	-19.64	-40.17	-51.74	-15.29	-27.92	-35.63	-40.87	-25.16	-22.49	0.00	-9.74	0.00	-13.16	0.00

OH 61846	19.75	14.69	13.50	12.12	12.12	14.95	25.42	34.69	40.91	38.82	38.73	42.71	42.64	52.02	50.02	61.98	53.53	53.40	49.88	49.07	41.36	49.12	38.76	40.89
	-1.00	-0.75	-0.69	-0.62	-0.62	-0.76	-1.29	-1.67	-2.02	-1.89	-1.86	-1.94	-1.87	-2.56	-2.38	-2.94	-2.48	-2.57	-2.40	-2.49	-2.05	-2.50	-1.89	-2.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.88	-1.08	-1.72	-2.23	-4.57	-5.88	-1.74	-3.17	-4.05	-4.65	-2.90	-2.59	0.00	-1.12	0.00	-1.52	0.00
PJM 61847	20.18	15.02	13.80	12.39	12.39	15.28	25.98	36.72	42.54	40.83	41.11	46.77	47.59	54.36	53.29	66.11	57.87	56.45	52.65	50.15	43.01	50.21	40.59	41.80
	-0.57	-0.42	-0.39	-0.35	-0.35	-0.43	-0.73	-0.94	-1.14	-1.06	-1.05	-1.09	-1.05	-1.44	-1.34	-1.66	-1.40	-1.45	-1.36	-1.41	-1.15	-1.41	-1.07	-1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.18	-1.83	-2.90	-3.80	-7.78	-10.01	-2.96	-5.40	-6.90	-7.91	-4.83	-4.32	0.00	-1.87	0.00	-2.53	0.00
WEST 61752	19.74	14.69	13.50	12.12	12.12	14.94	25.41	34.59	40.84	38.72	38.62	42.48	42.36	51.92	49.85	61.76	53.29	53.20	49.71	49.04	41.28	49.10	38.65	40.87
	-1.01	-0.75	-0.69	-0.62	-0.62	-0.77	-1.30	-1.68	-2.04	-1.90	-1.87	-1.96	-1.88	-2.58	-2.40	-2.97	-2.50	-2.59	-2.42	-2.52	-2.06	-2.52	-1.91	-2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.79	-1.03	-1.63	-2.13	-4.36	-5.61	-1.66	-3.02	-3.86	-4.43	-2.72	-2.44	0.00	-1.05	0.00	-1.43	0.00