

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/04/2018

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	27.16	24.72	24.48	23.54	22.82	22.36	23.27	25.19	26.91	30.05	32.86	35.88	37.28	38.90	39.47	40.96	44.04	44.16	40.69	38.88	37.99	34.54	30.28	27.61
61757	1.92	1.69	1.55	1.53	1.51	1.29	1.36	1.48	1.65	1.76	1.84	1.91	1.92	2.07	2.00	2.00	2.39	2.44	2.53	2.52	2.40	2.12	1.83	1.77
	0.00	-0.76	-2.05	-1.32	-0.85	0.05	0.06	0.08	0.10	0.13	0.16	0.19	0.21	0.22	0.23	0.24	0.28	0.28	0.24	0.21	0.20	0.18	0.13	0.10
CENTRL	25.50	22.51	21.26	20.98	20.65	21.21	22.18	24.07	25.53	28.67	31.49	34.70	36.12	37.55	38.39	39.91	42.70	42.77	38.98	36.97	36.19	32.97	28.86	26.15
61754	0.25	0.16	0.15	0.15	0.10	0.17	0.31	0.40	0.33	0.45	0.56	0.85	0.89	0.85	1.05	1.10	1.22	1.22	0.96	0.73	0.72	0.65	0.49	0.36
	0.00	-0.08	-0.22	-0.14	-0.09	0.08	0.09	0.12	0.15	0.21	0.26	0.31	0.34	0.35	0.36	0.39	0.45	0.45	0.38	0.34	0.33	0.28	0.21	0.16
DUNWOD	27.97	25.28	24.63	23.79	23.16	23.25	24.19	26.15	27.94	31.40	34.45	37.47	39.02	40.64	41.28	42.97	45.74	45.79	41.85	39.98	39.20	35.76	31.41	28.54
61760	2.73	2.47	2.30	2.17	2.11	2.13	2.22	2.36	2.59	2.98	3.27	3.31	3.45	3.59	3.58	3.76	3.81	3.78	3.46	3.40	3.40	3.16	2.83	2.59
	0.00	-0.54	-1.45	-0.93	-0.60	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
GENESE	25.32	22.20	20.85	20.59	20.26	20.88	21.97	23.92	25.14	28.19	31.19	34.79	36.18	37.68	38.65	40.18	42.99	42.99	38.86	36.66	35.78	32.63	28.61	25.91
61753	0.08	-0.13	-0.21	-0.21	-0.27	-0.19	0.07	0.21	-0.10	-0.09	0.19	0.85	0.85	0.89	1.21	1.25	1.38	1.30	0.73	0.33	0.22	0.23	0.17	0.08
	0.00	-0.06	-0.17	-0.11	-0.07	0.05	0.06	0.09	0.11	0.15	0.18	0.22	0.24	0.25	0.26	0.28	0.32	0.32	0.27	0.24	0.23	0.20	0.15	0.12
H Q	22.86	20.14	20.14	19.99	19.78	16.25	16.25	16.25	16.25	16.25	16.25	16.25	16.25	16.90	16.87	16.75	16.33	16.27	16.80	16.91	16.99	16.25	16.25	16.25
61844	-0.83	-0.71	-0.69	-0.70	-0.67	-0.76	-0.79	-0.88	-0.91	-1.05	-1.15	-1.26	-1.32	-1.41	-1.43	-1.49	-1.59	-1.60	-1.46	-1.39	-1.32	-1.17	-1.06	-0.96
	1.55	1.41	0.06	0.00	0.00	4.11	4.93	6.66	8.19	11.12	13.78	16.64	18.00	18.74	19.39	20.96	24.01	24.14	20.14	18.28	17.49	15.18	11.28	8.74
HUD VL	27.84	25.14	24.49	23.70	23.06	23.09	23.99	25.93	27.68	31.09	34.14	37.20	38.81	40.41	41.09	42.81	45.66	45.74	41.85	39.94	39.13	35.66	31.33	28.44
61758	2.60	2.34	2.17	2.09	2.01	1.96	2.02	2.14	2.33	2.67	2.96	3.04	3.24	3.37	3.39	3.60	3.73	3.74	3.46	3.36	3.33	3.06	2.74	2.49
	0.00	-0.53	-1.44	-0.92	-0.59	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	43.02	29.72	28.25	27.55	27.06	27.28	27.28	29.21	33.35	37.22	36.36	39.12	41.61	41.71	43.78	47.42	48.98	47.59	43.21	41.00	40.49	37.35	38.69	34.35
61762	3.71	3.41	3.20	3.06	3.03	3.08	3.18	3.40	3.70	4.24	4.49	4.68	5.19	4.67	5.09	5.49	5.70	5.59	4.68	4.42	4.51	4.30	4.09	3.74
	-14.07	-4.04	-4.17	-3.80	-3.58	-3.07	-2.12	-2.01	-4.29	-4.57	-0.69	-0.28	-0.85	0.00	-1.00	-2.72	-1.35	0.00	-0.14	0.00	-0.18	-0.45	-6.02	-4.67
MHK VL	26.00	22.98	21.65	21.35	21.06	21.07	21.86	23.53	24.97	27.71	30.12	33.01	34.32	35.67	36.30	37.64	40.21	40.31	37.07	35.54	34.88	31.71	28.00	25.55
61756	0.76	0.62	0.54	0.52	0.51	0.55	0.61	0.71	0.81	0.85	0.87	1.09	1.17	1.15	1.21	1.25	1.51	1.56	1.38	1.43	1.43	1.24	1.00	0.83
	0.00	-0.08	-0.22	-0.14	-0.09	0.60	0.72	0.97	1.20	1.56	1.93	2.24	2.42	2.52	2.61	2.82	3.23	3.24	2.71	2.46	2.35	2.12	1.58	1.22
MILLWD	27.95	25.26	24.63	23.80	23.13	23.19	24.12	26.07	27.86	31.35	34.39	37.40	39.02	40.68	41.32	43.01	45.87	45.91	42.00	40.09	39.31	35.80	31.39	28.51
61759	2.70	2.45	2.28	2.17	2.07	2.07	2.15	2.28	2.51	2.93	3.21	3.25	3.45	3.63	3.62	3.80	3.94	3.91	3.61	3.51	3.51	3.20	2.80	2.57
	0.00	-0.54	-1.46	-0.94	-0.61	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.	29.74	25.72	24.96	24.15	23.51	23.60	24.49	26.50	28.55	32.11	38.98	40.90	41.97	42.92	46.86	49.43	52.20	52.09	57.16	51.94	46.73	44.02	36.10	30.99
61761	3.13	2.81	2.61	2.52	2.45	2.47	2.53	2.71	2.94	3.38	3.71	3.69	3.88	3.89	3.77	3.96	4.15	3.95	3.61	3.69	3.72	3.68	3.29	3.01
	-1.37	-0.64	-1.46	-0.94	-0.60	0.00	0.00	0.00	-0.25	-0.31	-4.09	-3.05	-2.53	-1.99	-5.39	-6.26	-6.12	-6.14	-15.16	-11.67	-7.21	-7.73	-4.23	-2.03
NORTH	24.16	21.34	19.91	19.72	19.52	16.42	16.49	16.75	16.87	17.19	17.44	17.74	17.86	18.43	18.43	18.41	18.42	18.41	18.46	18.40	18.41	17.63	17.21	16.90
61755	-1.08	-0.93	-0.98	-0.97	-0.94	-0.99	-1.03	-1.02	-1.09	-1.19	-1.31	-1.40	-1.46	-1.70	-1.77	-1.88	-1.84	-1.80	-1.77	-1.68	-1.61	-1.27	-1.20	-1.17
	0.00	0.00	0.00	0.00	0.00	3.71	4.45	6.01	7.40	10.03	12.43	15.02	16.25	16.91	17.50	18.91	21.66	21.79	18.17	16.49	15.78	13.69	10.18	7.88
NPX	27.36	24.85	24.44	23.55	22.89	22.73	23.62	25.48	27.23	30.47	33.33	36.31	37.81	39.45	39.96	41.56	44.40	44.52	40.89	39.06	38.12	34.69	30.44	27.86
61845	2.12	1.92	1.77	1.72	1.70	1.60	1.65	1.69	1.88	2.05	2.15	2.15	2.24	2.41	2.26	2.35	2.47	2.52	2.49	2.49	2.33	2.09	1.86	1.92
	0.00	-0.66	-1.78	-1.72	-0.74	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

O H 61846	24.89	21.91	20.72	20.49	20.00	20.65	21.82	23.71	24.62	27.74	30.73	34.19	35.42	36.85	37.83	39.34	42.05	42.00	38.11	35.87	35.04	31.99	28.18	25.53
	-0.35	-0.45	-0.40	-0.35	-0.55	-0.42	-0.09	0.00	-0.63	-0.54	-0.28	0.24	0.07	0.04	0.38	0.39	0.42	0.30	-0.04	-0.48	-0.54	-0.42	-0.26	-0.31
	0.00	-0.09	-0.23	-0.15	-0.10	0.05	0.06	0.08	0.10	0.14	0.17	0.21	0.22	0.23	0.24	0.26	0.30	0.30	0.25	0.23	0.22	0.19	0.14	0.11
PJM 61847	26.41	23.65	22.75	22.19	21.64	22.00	23.03	24.90	26.39	29.67	32.63	35.80	37.20	38.70	39.46	41.07	43.81	43.81	39.99	38.00	37.20	34.58	29.14	27.01
	1.16	1.05	0.98	0.93	0.82	0.93	1.12	1.19	1.11	1.36	1.62	1.84	1.85	1.89	2.00	2.12	2.18	2.10	1.84	1.65	1.61	1.53	1.29	1.17
	0.00	-0.33	-0.88	-0.57	-0.36	0.05	0.06	0.08	0.08	0.11	0.17	0.20	0.22	0.23	0.24	0.26	0.29	0.29	0.25	0.22	0.21	-0.45	0.73	0.10
WEST 61752	25.52	22.40	21.17	20.94	20.38	21.07	22.28	24.23	25.15	28.39	31.60	35.32	36.55	38.14	39.11	40.71	43.51	43.38	39.26	36.82	35.94	32.83	28.90	26.17
	0.28	0.04	0.06	0.10	-0.16	0.00	0.37	0.52	-0.10	0.11	0.59	1.37	1.21	1.33	1.66	1.77	1.89	1.68	1.11	0.47	0.36	0.42	0.46	0.34
	0.00	-0.08	-0.22	-0.14	-0.09	0.05	0.06	0.08	0.10	0.14	0.17	0.21	0.23	0.24	0.24	0.26	0.30	0.30	0.25	0.23	0.22	0.19	0.14	0.11