

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/18/2019

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	25.00	23.26	22.12	21.31	20.59	21.41	22.28	23.63	25.36	28.15	29.86	32.60	34.23	36.64	37.42	39.37	42.64	41.55	36.24	33.20	32.49	29.52	26.18	24.27
61757	1.61	1.42	1.28	1.27	1.29	1.44	1.57	1.73	1.88	2.13	2.24	2.33	2.42	2.49	2.51	2.65	2.87	2.79	2.75	2.46	2.38	2.11	1.90	1.84
	-2.99	-3.33	-4.16	-3.35	-2.56	-1.74	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
CENTRL	21.03	19.19	17.44	17.33	17.27	18.71	21.16	23.11	24.91	27.79	30.46	34.17	35.80	38.95	39.53	40.83	44.85	43.63	36.38	34.05	33.47	30.36	25.98	23.36
61754	0.26	0.28	0.25	0.22	0.22	0.26	0.45	0.46	0.47	0.55	0.55	0.79	0.80	0.99	0.84	0.81	0.80	0.85	0.53	0.58	0.75	0.74	0.58	0.43
	-0.37	-0.41	-0.51	-0.41	-0.32	-0.21	0.00	-0.76	-0.96	-1.22	-2.28	-3.11	-3.19	-3.81	-3.78	-3.29	-4.29	-4.02	-2.36	-2.73	-2.61	-2.21	-1.12	-0.50
DUNWOD	25.00	23.11	21.67	21.10	20.51	21.55	23.17	24.63	26.39	29.16	31.08	33.96	35.66	38.17	39.38	41.28	44.74	43.48	37.61	34.43	33.63	30.61	27.15	25.10
61760	2.39	2.14	1.92	1.92	1.87	2.02	2.46	2.74	2.91	3.15	3.45	3.69	3.85	4.03	4.47	4.55	4.97	4.73	4.12	3.69	3.52	3.21	2.86	2.67
	-2.22	-2.47	-3.08	-2.48	-1.90	-1.29	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	20.45	18.72	17.00	16.90	16.83	18.27	20.77	21.22	22.28	24.77	25.32	27.54	28.68	30.73	29.06	30.17	33.88	33.64	29.26	27.46	28.92	26.47	23.50	22.48
61753	-0.22	-0.09	-0.07	-0.12	-0.15	-0.13	0.06	0.07	0.09	0.18	0.14	0.57	0.54	1.06	0.70	0.51	0.40	0.58	0.10	0.24	0.63	0.69	0.34	0.07
	-0.28	-0.31	-0.39	-0.31	-0.24	-0.16	0.00	0.74	1.29	1.42	2.44	3.30	3.67	4.47	6.54	7.07	6.29	5.70	4.33	3.53	1.83	1.62	1.13	0.02
H Q	17.92	16.64	16.03	16.04	16.12	16.15	18.15	18.27	19.53	22.08	25.35	27.01	26.52	28.71	29.45	31.11	34.11	37.36	28.00	25.34	25.00	23.96	20.05	20.00
61844	-0.78	-0.70	-0.65	-0.62	-0.62	-0.67	-0.79	-0.85	-0.89	-0.99	-1.05	-1.15	-1.18	-1.30	-1.33	-1.36	-1.47	-1.39	-1.24	-1.14	-1.14	-1.04	-0.95	-0.88
	1.71	1.15	0.00	0.04	0.00	1.41	1.77	2.77	3.06	2.94	1.23	2.10	4.12	4.14	4.13	4.26	4.19	0.00	4.25	4.26	3.96	2.41	3.28	1.56
HUD VL	24.69	22.81	21.40	20.81	20.26	21.28	22.84	24.19	25.92	28.64	30.55	33.41	35.02	37.59	38.71	40.58	43.98	42.75	37.04	33.91	33.12	30.15	26.73	24.76
61758	2.10	1.87	1.67	1.65	1.64	1.77	2.13	2.30	2.44	2.63	2.93	3.15	3.21	3.45	3.81	3.85	4.21	3.99	3.55	3.17	3.01	2.74	2.45	2.33
	-2.19	-2.44	-3.05	-2.45	-1.88	-1.27	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	33.26	30.81	30.93	28.76	28.85	30.18	28.05	27.78	30.64	31.69	32.24	34.45	36.46	38.52	40.05	42.28	49.64	49.64	40.52	35.33	34.54	33.56	35.53	32.02
61762	3.12	2.79	2.52	2.54	2.48	2.68	3.23	3.44	3.61	3.93	4.17	4.18	4.64	4.37	5.13	5.55	6.12	5.85	5.09	4.58	4.43	4.03	3.67	3.52
	-9.74	-9.52	-11.74	-9.52	-9.64	-9.26	-4.12	-2.45	-3.55	-1.75	-0.44	-0.01	-0.01	-0.01	-0.01	-0.01	-3.75	-5.03	-1.94	-0.01	-0.01	-2.12	-7.58	-6.07
MHK VL	21.42	19.51	17.70	17.62	17.53	19.00	21.39	22.80	24.60	27.42	29.66	33.03	34.57	37.27	37.39	39.16	42.36	41.32	35.54	33.39	32.79	29.78	25.70	23.50
61756	0.65	0.59	0.50	0.50	0.47	0.55	0.68	0.59	0.70	0.86	0.86	1.06	1.14	1.16	1.12	1.36	1.47	1.43	1.17	1.14	1.14	1.07	0.97	0.81
	-0.38	-0.42	-0.52	-0.42	-0.32	-0.22	0.00	-0.31	-0.41	-0.54	-1.18	-1.70	-1.62	-1.96	-1.37	-1.08	-1.12	-1.14	-0.88	-1.52	-1.54	-1.30	-0.44	-0.26
MILLWD	24.89	23.00	21.58	20.98	20.39	21.41	23.00	24.41	26.16	28.93	30.89	33.72	35.37	37.90	39.06	40.95	44.38	43.17	37.34	34.15	33.39	30.40	26.93	24.92
61759	2.26	2.02	1.80	1.79	1.74	1.88	2.30	2.52	2.68	2.91	3.26	3.45	3.56	3.76	4.15	4.22	4.61	4.42	3.85	3.41	3.28	2.99	2.65	2.49
	-2.23	-2.49	-3.10	-2.50	-1.91	-1.30	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.	28.83	25.90	24.80	23.85	20.72	21.77	26.31	27.31	30.42	31.50	33.00	35.29	39.91	48.14	50.00	51.76	48.21	47.09	42.50	40.30	38.47	33.88	30.08	27.52
61761	2.63	2.37	2.10	2.10	2.08	2.24	2.71	2.95	3.12	3.38	3.70	3.93	4.07	4.27	4.71	4.81	5.33	5.04	4.42	3.94	3.76	3.48	3.13	2.94
	-5.80	-5.04	-6.02	-5.05	-1.90	-1.29	-2.90	-2.46	-3.81	-2.11	-1.67	-1.09	-4.02	-9.73	-10.38	-10.23	-3.11	-3.31	-4.59	-5.62	-4.59	-2.99	-2.67	-2.16
NORTH	19.32	17.48	15.74	15.83	15.92	17.34	19.65	20.71	22.28	24.69	22.73	22.79	25.37	26.14	30.76	35.00	37.98	37.01	31.92	24.47	23.53	21.57	22.92	21.22
61755	-1.08	-1.02	-0.93	-0.87	-0.82	-0.89	-1.06	-1.18	-1.20	-1.33	-1.41	-1.51	-1.53	-1.64	-1.71	-1.73	-1.79	-1.74	-1.57	-1.47	-1.47	-1.40	-1.36	-1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.49	5.96	4.92	6.37	2.44	0.00	0.00	0.00	0.00	4.80	5.10	4.44	0.00	0.00
NPX	24.74	22.96	21.70	21.02	20.36	21.27	22.48	23.82	25.50	28.17	29.97	32.63	34.26	36.71	37.70	39.59	42.99	41.85	36.34	33.29	32.52	29.52	26.27	24.70
61845	1.75	1.57	1.42	1.42	1.41	1.53	1.78	1.93	2.02	2.16	2.35	2.36	2.45	2.56	2.79	2.87	3.22	3.10	2.85	2.55	2.41	2.11	1.99	2.00
	-2.59	-2.89	-3.61	-2.92	-2.22	-1.50	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	-0.27

O H 61846	20.10	18.53	16.91	16.77	16.66	18.00	20.02	20.83	21.67	24.04	24.77	27.05	28.09	30.17	28.45	28.87	29.50	29.75	27.69	26.21	28.18	25.88	22.92	21.97
	-0.67	-0.39	-0.28	-0.35	-0.40	-0.46	-0.21	-0.39	-0.49	-0.52	-0.63	-0.21	-0.38	0.10	-0.49	-0.84	-1.19	-0.97	-1.37	-0.92	-0.27	-0.05	-0.34	-0.45
	-0.37	-0.42	-0.52	-0.42	-0.32	-0.22	0.48	0.67	1.32	1.45	2.22	3.01	3.34	4.07	5.97	7.01	9.08	8.04	4.43	3.61	1.66	1.48	1.02	0.02
PJM 61847	22.68	20.93	19.41	19.05	18.68	19.87	21.90	24.50	27.00	29.71	33.37	37.78	39.99	43.97	48.22	50.12	54.01	51.70	41.99	37.91	35.15	31.98	27.67	23.83
	0.92	0.91	0.83	0.82	0.77	0.84	1.18	1.20	1.17	1.25	1.38	1.66	1.68	1.95	1.92	1.87	1.95	1.90	1.47	1.41	1.59	1.53	1.26	1.21
	-1.37	-1.52	-1.90	-1.53	-1.17	-0.79	-0.02	-1.40	-2.35	-2.45	-4.36	-5.85	-6.49	-7.88	-11.40	-11.52	-12.29	-11.05	-7.03	-5.75	-3.44	-3.03	-2.13	-0.19
WEST 61752	20.60	19.00	17.34	17.18	17.09	18.51	21.18	28.00	32.97	36.53	47.00	56.90	61.15	70.44	90.00	92.49	96.78	90.00	66.09	57.67	46.00	41.78	34.10	22.80
	-0.16	0.09	0.15	0.07	0.03	0.05	0.48	0.33	0.26	0.34	0.28	0.79	0.64	1.30	0.59	0.22	-0.12	0.12	-0.54	-0.09	0.69	0.85	0.44	0.25
	-0.37	-0.41	-0.51	-0.41	-0.31	-0.21	0.00	-5.77	-9.24	-10.18	-19.10	-25.85	-28.71	-35.00	-54.50	-55.54	-57.13	-51.13	-33.14	-27.02	-15.20	-13.52	-9.38	-0.12