

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

12/31/2016

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL	41.80	38.58	35.70	33.59	32.64	30.46	29.86	37.95	42.57	46.70	47.80	47.57	46.03	43.01	41.81	42.35	49.68	58.13	50.38	49.57	44.53	45.18	43.87	37.55
61757	0.79	0.61	0.57	0.52	0.52	0.82	0.98	0.86	1.09	1.15	1.19	1.11	1.00	0.90	0.79	0.80	0.99	1.45	1.29	0.98	0.83	0.75	0.76	0.73
	-28.43	-28.32	-26.45	-25.09	-24.07	-17.05	-13.64	-23.40	-24.41	-27.36	-27.74	-28.61	-28.42	-27.37	-27.88	-28.14	-32.54	-33.60	-28.61	-32.45	-30.24	-31.77	-30.51	-24.20
CENTRL	15.67	12.68	11.49	10.62	10.59	14.43	16.76	16.19	19.70	21.15	21.87	20.94	19.69	17.67	16.07	16.35	19.70	26.88	23.72	19.70	16.70	16.02	15.74	15.17
61754	0.18	0.13	0.10	0.06	0.07	0.09	0.12	0.10	0.14	0.14	0.15	0.14	0.15	0.12	0.07	0.05	0.21	0.35	0.31	0.23	0.13	0.09	0.00	0.08
	-2.92	-2.91	-2.72	-2.58	-2.47	-1.75	-1.40	-2.40	-2.51	-2.81	-2.85	-2.94	-2.92	-2.81	-2.87	-2.89	-3.35	-3.45	-2.94	-3.34	-3.11	-3.27	-3.14	-2.49
DUNWOD	33.36	30.05	27.67	25.96	25.34	25.44	26.01	31.09	35.54	38.87	39.91	39.36	37.94	35.12	33.71	34.15	40.29	48.61	42.30	40.22	35.72	35.95	34.91	30.50
61760	1.16	0.85	0.73	0.65	0.68	1.08	1.36	1.25	1.62	1.78	1.89	1.75	1.70	1.47	1.31	1.31	1.66	2.33	2.07	1.68	1.37	1.34	1.24	1.17
	-19.63	-19.55	-18.26	-17.32	-16.61	-11.77	-9.42	-16.16	-16.85	-18.89	-19.16	-19.76	-19.63	-18.90	-19.26	-19.43	-22.47	-23.21	-19.76	-22.41	-20.89	-21.94	-21.07	-16.71
GENESE	14.82	11.91	10.77	9.91	9.91	13.78	16.08	15.29	18.57	19.93	20.61	19.68	18.54	16.63	15.09	15.36	18.67	25.68	22.71	18.62	15.71	14.99	14.70	14.36
61753	-0.01	0.01	-0.01	-0.06	-0.05	-0.16	-0.24	-0.26	-0.43	-0.44	-0.45	-0.45	-0.33	-0.28	-0.26	-0.28	-0.06	-0.07	-0.04	-0.10	-0.15	-0.20	-0.33	-0.18
	-2.26	-2.25	-2.10	-1.99	-1.91	-1.35	-1.08	-1.86	-1.94	-2.17	-2.20	-2.27	-2.26	-2.18	-2.22	-2.24	-2.59	-2.67	-2.27	-2.58	-2.40	-2.52	-2.43	-1.92
H Q	12.15	9.33	8.40	7.74	7.80	12.22	14.79	13.28	16.50	17.60	18.24	17.26	16.05	14.27	12.73	13.00	15.57	22.22	19.72	15.55	13.00	12.26	12.25	12.26
61844	-0.43	-0.32	-0.28	-0.24	-0.25	-0.38	-0.46	-0.41	-0.56	-0.60	-0.62	-0.59	-0.56	-0.47	-0.41	-0.40	-0.58	-0.85	-0.76	-0.58	-0.46	-0.41	-0.35	-0.35
	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	33.45	30.16	27.78	26.06	25.44	25.48	26.01	31.12	35.59	38.95	39.98	39.44	38.01	35.21	33.80	34.25	40.42	48.74	42.41	40.35	35.80	36.04	35.00	30.51
61758	1.11	0.82	0.71	0.64	0.66	1.03	1.28	1.16	1.55	1.69	1.79	1.66	1.60	1.40	1.23	1.25	1.60	2.26	2.01	1.61	1.28	1.24	1.15	1.07
	-19.77	-19.69	-18.39	-17.45	-16.73	-11.85	-9.48	-16.27	-16.97	-19.06	-19.33	-19.93	-19.80	-19.07	-19.42	-19.60	-22.67	-23.41	-19.93	-22.60	-21.06	-22.13	-21.25	-16.83
LONGIL	36.32	30.45	27.96	26.26	25.70	25.96	28.61	33.53	38.26	41.37	40.65	40.06	38.92	36.76	35.67	36.02	52.64	64.54	55.03	52.52	47.41	41.70	35.73	31.90
61762	1.71	1.24	1.01	0.95	1.03	1.59	1.97	1.82	2.36	2.55	2.60	2.43	2.34	2.06	1.83	1.85	2.33	3.34	2.97	2.36	1.91	1.85	1.76	1.72
	-22.03	-19.56	-18.27	-17.33	-16.62	-11.78	-11.40	-18.02	-18.85	-20.62	-19.18	-19.78	-19.96	-19.96	-20.70	-20.77	-34.17	-38.12	-31.59	-34.03	-32.05	-27.18	-21.37	-17.57
MHK VL	16.17	13.14	11.92	11.03	10.99	14.88	17.24	16.77	20.36	21.67	22.40	21.47	20.10	18.03	16.42	16.70	20.03	27.29	24.05	19.97	16.98	16.32	16.09	15.65
61756	0.35	0.26	0.23	0.19	0.20	0.34	0.44	0.41	0.51	0.56	0.59	0.57	0.46	0.38	0.31	0.31	0.42	0.65	0.53	0.39	0.31	0.28	0.24	0.28
	-3.24	-3.23	-3.02	-2.86	-2.74	-1.94	-1.55	-2.67	-2.78	-2.91	-2.95	-3.04	-3.02	-2.91	-2.97	-2.99	-3.46	-3.57	-3.04	-3.45	-3.22	-3.38	-3.25	-2.76
MILLWD	33.76	30.46	28.05	26.32	25.69	25.69	26.21	31.42	35.93	39.32	40.36	39.80	38.36	35.52	34.11	34.56	40.80	49.16	42.73	40.68	36.13	36.40	35.34	30.79
61759	1.17	0.88	0.75	0.68	0.70	1.10	1.37	1.26	1.69	1.84	1.94	1.79	1.71	1.49	1.31	1.33	1.71	2.40	2.09	1.68	1.36	1.34	1.24	1.14
	-20.01	-19.93	-18.62	-17.66	-16.94	-12.00	-9.60	-16.47	-17.18	-19.28	-19.55	-20.17	-20.03	-19.29	-19.65	-19.83	-22.94	-23.68	-20.16	-22.87	-21.31	-22.39	-21.51	-17.04
N.Y.C.	33.44	30.10	27.71	26.00	25.38	25.52	26.12	31.17	35.60	38.96	40.00	39.48	38.05	35.22	33.78	34.23	40.38	48.75	42.44	40.35	35.81	36.06	35.03	30.60
61761	1.23	0.90	0.77	0.69	0.72	1.16	1.46	1.33	1.69	1.87	1.98	1.87	1.81	1.58	1.39	1.39	1.76	2.47	2.21	1.81	1.47	1.46	1.35	1.27
	-19.63	-19.55	-18.26	-17.32	-16.62	-11.77	-9.42	-16.15	-16.85	-18.89	-19.16	-19.75	-19.62	-18.90	-19.25	-19.43	-22.47	-23.20	-19.76	-22.41	-20.88	-21.94	-21.07	-16.71
NORTH	11.87	9.14	8.25	7.60	7.67	12.05	14.59	13.13	16.26	17.32	17.96	17.05	15.82	14.09	12.59	12.85	15.23	21.76	19.27	15.23	12.76	12.02	12.01	12.03
61755	-0.70	-0.51	-0.43	-0.37	-0.38	-0.54	-0.66	-0.56	-0.80	-0.87	-0.91	-0.80	-0.80	-0.65	-0.55	-0.55	-0.92	-1.31	-1.21	-0.90	-0.70	-0.65	-0.59	-0.58
	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	38.15	34.91	32.24	30.30	29.49	28.25	28.10	34.93	39.47	43.25	44.28	43.95	42.48	39.56	38.30	38.80	45.60	53.99	46.82	45.50	40.70	41.18	40.01	34.49
61845	0.87	0.65	0.57	0.52	0.53	0.84	1.01	0.90	1.19	1.27	1.30	1.23	1.16	1.03	0.92	0.94	1.16	1.71	1.48	1.16	0.96	0.90	0.88	0.85
	-24.71	-24.61	-22.99	-21.80	-20.91	-14.81	-11.85	-20.34	-21.21	-23.78	-24.12	-24.87	-24.71	-23.79	-24.24	-24.46	-28.29	-29.21	-24.87	-28.21	-26.29	-27.62	-26.52	-21.03

OH 61846	15.39	12.50	11.34	10.46	10.43	14.00	16.00	15.48	18.77	20.11	20.76	19.83	18.82	16.96	15.51	15.76	19.02	25.73	22.80	19.03	16.17	15.58	15.24	14.81
	-0.29	-0.24	-0.23	-0.26	-0.24	-0.45	-0.73	-0.77	-0.96	-1.07	-1.13	-1.14	-0.90	-0.77	-0.67	-0.71	-0.68	-1.01	-0.80	-0.65	-0.59	-0.56	-0.69	-0.44
	-3.10	-3.09	-2.89	-2.74	-2.63	-1.86	-1.49	-2.55	-2.66	-2.99	-3.03	-3.12	-3.10	-2.99	-3.04	-3.07	-3.55	-3.67	-3.12	-3.54	-3.30	-3.47	-3.33	-2.64
PJM 61847	23.73	20.66	18.94	17.67	17.37	19.31	20.70	22.81	26.66	28.94	29.76	29.03	27.80	25.47	24.03	24.38	28.97	36.47	31.94	28.95	25.31	25.09	24.43	22.10
	0.35	0.25	0.21	0.16	0.18	0.24	0.27	0.23	0.32	0.34	0.36	0.30	0.38	0.32	0.29	0.28	0.45	0.62	0.59	0.48	0.36	0.35	0.23	0.29
	-10.80	-10.76	-10.05	-9.53	-9.14	-6.48	-5.18	-8.89	-9.28	-10.40	-10.54	-10.87	-10.80	-10.40	-10.60	-10.69	-12.37	-12.77	-10.87	-12.33	-11.49	-12.07	-11.60	-9.20
WEST 61752	15.49	12.54	11.37	10.47	10.45	14.17	16.23	15.60	18.99	20.32	20.96	20.01	19.01	17.13	15.63	15.87	19.17	26.05	23.09	19.21	16.27	15.67	15.30	14.93
	0.00	-0.02	-0.03	-0.08	-0.07	-0.18	-0.41	-0.49	-0.58	-0.69	-0.76	-0.79	-0.53	-0.43	-0.38	-0.43	-0.32	-0.49	-0.33	-0.26	-0.30	-0.27	-0.44	-0.16
	-2.92	-2.91	-2.72	-2.58	-2.47	-1.75	-1.40	-2.40	-2.51	-2.81	-2.85	-2.94	-2.92	-2.81	-2.87	-2.89	-3.35	-3.46	-2.94	-3.34	-3.11	-3.27	-3.14	-2.48