

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/16/2016

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	15.41	14.00	12.36	12.08	13.04	14.66	22.90	26.00	26.22	25.07	25.07	23.72	22.06	22.04	21.07	21.50	27.52	33.61	30.78	27.10	23.46	21.09	18.56	17.75
61757	0.99	0.87	0.81	0.81	0.88	0.99	1.44	1.63	1.76	1.66	1.66	1.53	1.44	1.43	1.38	1.36	1.73	2.11	1.90	1.61	1.43	1.39	1.30	1.11
	-0.12	-0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.14	-0.02	-0.39	-0.70	-0.52	-0.06	-0.40	-0.34	-0.10	0.00	0.00
CENTRL	14.44	12.73	11.68	11.39	12.32	13.91	22.13	25.07	25.00	23.97	23.95	22.70	20.96	20.92	20.07	20.15	25.62	31.94	29.65	25.79	22.19	19.94	17.46	16.87
61754	0.13	0.08	0.13	0.12	0.16	0.23	0.67	0.71	0.54	0.56	0.54	0.51	0.45	0.45	0.39	0.39	0.53	0.96	0.84	0.70	0.50	0.33	0.19	0.23
	-0.01	-0.05	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
DUNWOD	15.90	14.28	12.76	12.42	13.38	15.06	23.69	27.07	27.32	26.15	26.15	24.79	23.65	23.78	22.13	24.58	32.50	37.82	32.52	30.60	26.44	22.55	19.28	18.37
61760	1.52	1.32	1.21	1.15	1.22	1.38	2.23	2.70	2.86	2.74	2.74	2.60	2.44	2.41	2.34	2.35	2.91	3.50	3.31	2.93	2.56	2.33	2.02	1.73
	-0.08	-0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.70	-0.89	-0.11	-2.48	-4.50	-3.34	-0.39	-2.57	-2.19	-0.61	0.00	0.00
GENESE	13.90	12.22	11.31	11.05	11.95	13.47	21.74	24.51	24.24	23.08	23.03	21.88	20.33	20.31	19.44	19.50	24.92	31.29	28.85	25.09	21.52	19.33	16.89	16.41
61753	-0.42	-0.43	-0.24	-0.23	-0.22	-0.20	0.28	0.15	-0.22	-0.33	-0.38	-0.31	-0.18	-0.16	-0.24	-0.26	-0.17	0.31	0.03	0.00	-0.17	-0.27	-0.38	-0.23
	-0.01	-0.04	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
H Q	13.86	12.23	11.17	10.91	11.77	13.21	20.69	23.49	23.65	22.61	22.61	21.44	19.81	19.77	19.00	19.08	24.26	29.93	27.84	24.24	20.98	18.94	16.70	16.12
61844	-0.44	-0.38	-0.38	-0.36	-0.39	-0.46	-0.77	-0.88	-0.81	-0.80	-0.80	-0.75	-0.70	-0.70	-0.67	-0.67	-0.83	-1.05	-0.98	-0.85	-0.72	-0.67	-0.57	-0.52
	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	15.81	14.22	12.70	12.38	13.31	14.97	23.58	26.88	27.13	25.91	25.91	24.57	23.31	23.44	21.90	24.01	31.64	37.11	32.26	30.00	25.93	22.28	19.13	18.27
61758	1.43	1.26	1.14	1.11	1.14	1.30	2.12	2.51	2.67	2.51	2.51	2.38	2.20	2.21	2.13	2.13	2.71	3.28	3.11	2.71	2.36	2.16	1.87	1.63
	-0.08	-0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.60	-0.76	-0.10	-2.12	-3.84	-2.85	-0.33	-2.19	-1.87	-0.52	0.00	0.00
LONGIL	16.26	14.56	13.06	12.67	13.67	15.94	24.63	27.97	27.93	26.45	26.55	25.24	24.45	24.34	23.13	25.16	33.28	42.56	36.24	34.48	28.99	24.03	19.85	18.84
61762	1.87	1.60	1.51	1.40	1.51	2.00	3.16	3.61	3.47	3.04	3.14	3.04	3.10	2.97	2.95	2.92	3.69	4.77	4.52	3.99	3.45	3.06	2.59	2.20
	-0.08	-0.36	0.00	0.00	0.00	-0.27	-0.02	0.00	0.00	0.00	0.00	-0.01	-0.84	-0.90	-0.51	-2.49	-4.50	-6.81	-2.90	-5.40	-3.85	-1.37	0.00	0.00
MHK VL	14.70	12.98	11.84	11.53	12.48	14.04	22.25	25.27	24.97	23.88	23.83	22.64	20.94	20.93	20.04	20.28	25.93	32.04	29.60	25.81	22.35	20.12	17.58	16.92
61756	0.39	0.33	0.29	0.26	0.32	0.37	0.79	0.90	0.51	0.47	0.42	0.44	0.37	0.39	0.35	0.32	0.45	0.77	0.75	0.50	0.48	0.47	0.31	0.28
	-0.01	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.08	-0.01	-0.21	-0.39	-0.29	-0.03	-0.22	-0.19	-0.05	0.00	0.00
MILLWD	15.87	14.29	12.76	12.42	13.38	15.03	23.69	27.07	27.34	26.17	26.15	24.79	23.60	23.74	22.09	24.51	32.46	37.80	32.54	30.56	26.39	22.50	19.23	18.32
61759	1.49	1.32	1.21	1.15	1.22	1.35	2.23	2.70	2.88	2.76	2.74	2.60	2.40	2.39	2.30	2.31	2.93	3.53	3.34	2.93	2.54	2.29	1.97	1.68
	-0.08	-0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-0.88	-0.11	-2.45	-4.44	-3.29	-0.38	-2.53	-2.16	-0.60	0.00	0.00
N.Y.C.	16.04	14.41	12.87	12.50	13.48	15.15	23.82	27.31	27.57	26.43	26.43	25.06	23.90	24.04	22.38	24.82	32.72	38.00	32.75	30.82	26.70	22.80	19.55	18.57
61761	1.66	1.45	1.32	1.23	1.31	1.48	2.36	2.95	3.11	3.02	3.02	2.86	2.69	2.68	2.60	2.59	3.14	3.68	3.54	3.16	2.82	2.59	2.28	1.93
	-0.08	-0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.70	-0.89	-0.11	-2.48	-4.50	-3.34	-0.39	-2.57	-2.19	-0.61	0.00	0.00
NORTH	13.70	12.16	11.04	10.81	11.67	13.03	20.28	23.00	23.02	22.00	22.00	20.88	19.30	19.28	18.53	18.59	23.58	29.18	27.09	23.56	20.52	18.51	16.30	15.84
61755	-0.60	-0.44	-0.51	-0.46	-0.50	-0.64	-1.18	-1.36	-1.44	-1.40	-1.40	-1.31	-1.21	-1.19	-1.14	-1.17	-1.50	-1.80	-1.73	-1.53	-1.17	-1.10	-0.97	-0.80
	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	16.57	16.04	15.10	14.49	15.31	18.00	23.46	26.89	26.98	25.73	25.73	24.37	23.06	23.15	21.74	23.49	30.74	36.29	31.86	29.35	25.35	22.06	19.41	18.22
61845	1.39	1.22	1.12	1.08	1.14	1.30	2.00	2.39	2.52	2.32	2.32	2.18	2.05	2.05	1.99	1.98	2.46	2.94	2.77	2.43	2.10	2.02	1.81	1.58
	-0.88	-2.22	-2.43	-2.14	-2.00	-3.03	0.00	-0.13	0.00	0.00	0.00	0.00	-0.50	-0.63	-0.08	-1.76	-3.19	-2.37	-0.28	-1.82	-1.55	-0.43	-0.33	0.00

O H 61846	10.80 <span>-0.49</span> <span>3.02</span>	10.28 <span>-0.44</span> <span>1.88</span>	10.17 <span>-0.19</span> <span>1.20</span>	9.82 <span>-0.16</span> <span>1.29</span>	9.72 <span>-0.20</span> <span>2.25</span>	11.28 <span>-0.20</span> <span>2.19</span>	19.78 <span>0.32</span> <span>2.00</span>	22.00 <span>-0.07</span> <span>2.29</span>	21.33 <span>-0.42</span> <span>2.71</span>	20.86 <span>-0.35</span> <span>2.20</span>	19.55 <span>-0.35</span> <span>3.51</span>	18.95 <span>-0.40</span> <span>2.85</span>	15.61 <span>-0.23</span> <span>4.68</span>	15.63 <span>-0.20</span> <span>4.64</span>	15.73 <span>-0.28</span> <span>3.67</span>	16.05 <span>-0.26</span> <span>3.45</span>	18.27 <span>-0.58</span> <span>6.24</span>	27.94 <span>-0.09</span> <span>2.95</span>	26.19 <span>-0.23</span> <span>2.40</span>	24.87 <span>-0.23</span> <span>0.00</span>	21.00 <span>-0.35</span> <span>0.34</span>	17.46 <span>-0.41</span> <span>1.73</span>	15.21 <span>-0.52</span> <span>1.54</span>	13.23 <span>-0.32</span> <span>3.09</span>
PJM 61847	14.92 <span>0.57</span> <span>-0.05</span>	13.29 <span>0.49</span> <span>-0.20</span>	12.09 <span>0.54</span> <span>0.00</span>	11.79 <span>0.52</span> <span>0.00</span>	12.70 <span>0.53</span> <span>0.00</span>	14.32 <span>0.64</span> <span>0.00</span>	22.75 <span>1.29</span> <span>0.00</span>	25.71 <span>1.34</span> <span>0.00</span>	25.71 <span>1.25</span> <span>0.00</span>	24.62 <span>1.22</span> <span>0.00</span>	24.62 <span>1.22</span> <span>0.00</span>	23.33 <span>1.13</span> <span>0.00</span>	21.92 <span>1.11</span> <span>-0.30</span>	21.96 <span>1.10</span> <span>-0.39</span>	20.75 <span>1.02</span> <span>-0.05</span>	21.88 <span>1.05</span> <span>-1.08</span>	28.20 <span>1.15</span> <span>-1.96</span>	34.20 <span>1.76</span> <span>-1.45</span>	30.60 <span>1.61</span> <span>-0.17</span>	27.61 <span>1.40</span> <span>-1.12</span>	23.79 <span>1.15</span> <span>-0.95</span>	20.83 <span>0.96</span> <span>-0.27</span>	18.02 <span>0.76</span> <span>0.00</span>	17.37 <span>0.73</span> <span>0.00</span>
WEST 61752	14.06 <span>-0.26</span> <span>-0.01</span>	12.41 <span>-0.25</span> <span>-0.06</span>	11.57 <span>0.02</span> <span>0.00</span>	11.32 <span>0.05</span> <span>0.00</span>	12.19 <span>0.02</span> <span>0.00</span>	13.77 <span>0.10</span> <span>0.00</span>	22.53 <span>1.07</span> <span>0.00</span>	25.17 <span>0.80</span> <span>0.00</span>	24.88 <span>0.42</span> <span>0.00</span>	23.90 <span>0.49</span> <span>0.00</span>	23.90 <span>0.49</span> <span>0.00</span>	22.55 <span>0.35</span> <span>0.00</span>	20.96 <span>0.45</span> <span>0.00</span>	20.98 <span>0.51</span> <span>0.00</span>	20.05 <span>0.37</span> <span>0.00</span>	20.15 <span>0.39</span> <span>0.00</span>	25.29 <span>0.20</span> <span>0.00</span>	32.00 <span>1.02</span> <span>0.00</span>	29.62 <span>0.81</span> <span>0.00</span>	25.67 <span>0.58</span> <span>0.00</span>	22.02 <span>0.33</span> <span>0.00</span>	19.74 <span>0.14</span> <span>0.00</span>	17.15 <span>-0.12</span> <span>0.00</span>	16.69 <span>0.05</span> <span>0.00</span>