

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/27/2017

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	17.90	16.64	16.27	15.78	16.54	20.26	28.26	32.96	29.13	30.31	29.01	27.56	25.14	24.43	24.05	23.83	24.74	27.43	32.92	29.72	26.65	24.54	20.35	19.97
61757	0.94	1.02	0.98	0.95	1.00	1.25	1.63	1.81	1.72	1.73	1.60	1.54	1.29	1.25	1.21	1.24	1.30	1.41	1.80	1.67	1.39	1.36	1.07	1.17
	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.28	-0.36	-0.28	-0.31	-0.36	-0.43	-0.50	-0.54	-0.77	-0.53	-0.75	-0.47	-0.42	-0.43	-0.23
CENTRL	16.92	15.70	15.35	14.91	15.63	19.16	27.04	31.74	27.32	28.65	27.41	26.05	23.82	23.09	22.68	22.31	23.17	25.61	31.10	27.71	25.17	22.93	19.00	18.65
61754	0.15	0.08	0.06	0.07	0.08	0.15	0.40	0.59	0.40	0.34	0.35	0.31	0.28	0.27	0.27	0.22	0.28	0.35	0.52	0.41	0.37	0.18	0.15	0.07
	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
DUNWOD	20.33	17.22	16.83	16.30	17.06	20.89	29.30	34.24	34.45	33.91	33.25	31.07	28.91	28.57	28.81	29.12	30.41	35.05	38.63	37.10	31.79	29.11	24.85	22.72
61760	1.81	1.59	1.54	1.47	1.51	1.88	2.66	3.08	2.91	3.00	2.87	2.76	2.42	2.37	2.36	2.45	2.65	3.15	2.89	2.70	2.48	2.04	2.04	2.04
	-1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.62	-2.60	-3.33	-2.57	-2.88	-3.33	-4.03	-4.66	-5.06	-7.15	-4.89	-6.90	-4.29	-3.88	-3.96	-2.10
GENESE	16.47	15.24	14.86	14.45	15.16	18.61	26.40	31.09	26.67	27.91	26.73	25.44	23.33	22.61	22.25	21.89	22.74	25.23	30.74	27.25	24.77	22.41	18.63	18.15
61753	-0.30	-0.39	-0.43	-0.39	-0.39	-0.40	-0.24	-0.06	-0.24	-0.40	-0.32	-0.31	-0.21	-0.21	-0.16	-0.20	-0.16	-0.03	0.15	-0.05	-0.02	-0.34	-0.23	-0.43
	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
H Q	12.20	9.97	9.73	8.29	8.94	12.30	19.80	25.20	23.13	23.54	22.76	21.10	20.83	20.14	19.84	19.98	20.21	22.77	27.84	24.67	22.75	18.54	15.77	13.96
61844	-0.44	-0.41	-0.40	-0.40	-0.40	-0.47	-0.66	-0.81	-0.70	-0.68	-0.65	-0.62	-0.57	-0.55	-0.54	-0.53	-0.55	-0.61	-0.73	-0.66	-0.62	-0.55	-0.47	-0.50
	4.14	5.25	5.16	6.14	6.20	6.23	6.17	5.15	3.09	4.09	3.65	4.03	2.15	2.13	2.03	1.58	2.13	1.87	2.01	1.98	1.42	3.67	2.61	4.12
HUD VL	20.09	17.24	16.85	16.33	17.09	20.91	29.35	34.24	33.86	33.57	32.85	30.68	28.50	28.08	28.24	28.47	29.71	34.09	37.93	36.20	31.11	28.50	24.25	22.37
61758	1.78	1.61	1.56	1.50	1.54	1.90	2.72	3.08	2.88	2.97	2.87	2.68	2.43	2.33	2.29	2.28	2.36	2.55	3.06	2.84	2.55	2.34	1.92	1.95
	-1.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.07	-2.29	-2.93	-2.26	-2.53	-2.93	-3.55	-4.10	-4.45	-6.29	-4.29	-6.06	-3.76	-3.40	-3.48	-1.85
LONGIL	21.38	17.69	17.22	16.57	17.37	21.15	30.03	34.93	35.05	34.49	34.08	32.59	30.76	30.22	30.69	30.65	32.78	35.96	40.26	38.66	34.46	30.81	25.64	26.09
61762	2.58	2.06	1.93	1.73	1.82	2.15	3.38	3.77	3.50	3.57	3.68	3.65	3.34	3.24	3.23	3.16	3.30	3.54	4.37	3.96	3.70	3.21	2.79	2.88
	-2.03	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	-4.63	-2.61	-3.34	-3.20	-3.88	-4.17	-5.06	-5.40	-6.58	-7.17	-5.31	-7.40	-5.96	-4.85	-4.00	-4.63
MHK VL	17.11	15.81	15.47	15.01	15.75	19.33	27.30	32.03	27.83	29.17	27.90	26.49	24.22	23.47	23.05	22.69	23.53	26.10	31.43	28.18	25.48	23.37	19.35	18.90
61756	0.23	0.19	0.18	0.18	0.20	0.32	0.67	0.87	0.64	0.71	0.65	0.59	0.52	0.46	0.40	0.33	0.34	0.43	0.58	0.49	0.45	0.41	0.28	0.20
	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.15	-0.19	-0.15	-0.17	-0.19	-0.23	-0.27	-0.29	-0.42	-0.27	-0.38	-0.24	-0.21	-0.22	-0.12
MILLWD	20.28	17.24	16.83	16.32	17.07	20.91	29.35	34.30	34.39	33.89	33.22	31.00	28.83	28.46	28.72	29.01	30.29	34.90	38.55	36.96	31.67	29.00	24.75	22.63
61759	1.80	1.61	1.54	1.48	1.52	1.90	2.72	3.15	2.93	3.03	2.90	2.73	2.47	2.37	2.35	2.34	2.43	2.63	3.15	2.87	2.65	2.44	2.00	1.99
	-1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.54	-2.55	-3.27	-2.52	-2.82	-3.27	-3.96	-4.58	-4.97	-7.02	-4.82	-6.79	-4.22	-3.82	-3.90	-2.06
N.Y.C.	20.56	17.41	16.99	16.47	17.23	21.08	29.51	34.52	34.70	35.67	35.43	34.18	33.52	32.73	32.79	32.87	33.25	35.31	38.90	37.35	32.84	29.35	25.22	22.91
61761	2.03	1.78	1.70	1.63	1.68	2.07	2.88	3.37	3.15	3.28	3.11	2.98	2.71	2.62	2.60	2.58	2.68	2.90	3.42	3.14	2.97	2.71	2.22	2.23
	-1.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.64	-4.08	-5.27	-5.45	-7.27	-7.29	-7.79	-8.19	-7.68	-7.15	-4.90	-6.91	-5.07	-3.90	-4.15	-2.11
NORTH	16.01	14.91	14.57	14.12	14.85	18.23	25.60	29.85	25.68	27.23	26.03	24.77	22.69	21.97	21.58	21.27	22.02	24.42	29.54	26.38	23.83	21.93	18.08	17.70
61755	-0.75	-0.72	-0.72	-0.71	-0.70	-0.78	-1.04	-1.31	-1.24	-1.08	-1.03	-0.98	-0.85	-0.84	-0.83	-0.82	-0.87	-0.83	-1.04	-0.93	-0.97	-0.82	-0.77	-0.87
	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	22.50	18.26	17.83	16.92	18.04	20.90	29.56	35.00	33.41	33.13	32.23	30.26	28.00	27.55	27.66	27.83	33.55	38.50	46.22	42.87	34.85	28.09	24.49	22.87
61845	1.71	1.55	1.50	1.44	1.49	1.84	2.61	2.99	2.80	2.86	2.65	2.57	2.28	2.21	2.20	2.21	2.31	2.50	3.00	2.76	2.53	2.34	1.92	1.93
	-4.02	-1.09	-1.04	-0.65	-1.00	-0.05	-0.31	-0.85	-3.70	-1.97	-2.52	-1.95	-2.18	-2.52	-3.05	-3.53	-8.34	-10.75	-12.64	-12.81	-7.52	-3.00	-3.72	-2.36

O H 61846	16.45 <span>-0.32</span> <span>0.00</span>	15.16 <span>-0.47</span> <span>0.00</span>	14.75 <span>-0.54</span> <span>0.00</span>	14.36 <span>-0.48</span> <span>0.00</span>	15.05 <span>-0.50</span> <span>0.00</span>	18.49 <span>-0.51</span> <span>0.00</span>	26.18 <span>-0.45</span> <span>0.00</span>	30.75 <span>-0.41</span> <span>0.00</span>	26.32 <span>-0.59</span> <span>0.00</span>	27.40 <span>-0.91</span> <span>0.00</span>	26.33 <span>-0.73</span> <span>0.00</span>	25.05 <span>-0.69</span> <span>0.00</span>	23.00 <span>-0.54</span> <span>0.00</span>	22.29 <span>-0.52</span> <span>0.00</span>	22.01 <span>-0.40</span> <span>0.00</span>	21.65 <span>-0.44</span> <span>0.00</span>	22.48 <span>-0.41</span> <span>0.00</span>	25.00 <span>-0.25</span> <span>0.00</span>	30.43 <span>-0.15</span> <span>0.00</span>	27.06 <span>-0.25</span> <span>0.00</span>	24.70 <span>-0.10</span> <span>0.00</span>	22.23 <span>-0.52</span> <span>0.00</span>	18.47 <span>-0.38</span> <span>0.00</span>	18.00 <span>-0.58</span> <span>0.00</span>
PJM 61847	18.90 <span>1.06</span> <span>-1.07</span>	16.50 <span>0.87</span> <span>0.00</span>	16.10 <span>0.81</span> <span>0.00</span>	15.64 <span>0.80</span> <span>0.00</span>	16.37 <span>0.82</span> <span>0.00</span>	20.07 <span>1.06</span> <span>0.00</span>	28.23 <span>1.60</span> <span>0.00</span>	33.05 <span>1.90</span> <span>0.00</span>	31.45 <span>1.70</span> <span>-2.83</span>	31.98 <span>1.67</span> <span>-2.00</span>	31.26 <span>1.62</span> <span>-2.58</span>	29.66 <span>1.54</span> <span>-2.37</span>	27.92 <span>1.41</span> <span>-2.97</span>	27.32 <span>1.37</span> <span>-3.13</span>	27.28 <span>1.37</span> <span>-3.50</span>	27.27 <span>1.35</span> <span>-3.83</span>	28.14 <span>1.42</span> <span>-3.82</span>	31.25 <span>1.62</span> <span>-4.38</span>	35.60 <span>2.02</span> <span>-3.00</span>	33.37 <span>1.83</span> <span>-4.23</span>	29.35 <span>1.71</span> <span>-2.85</span>	26.54 <span>1.41</span> <span>-2.38</span>	22.49 <span>1.17</span> <span>-2.47</span>	20.98 <span>1.11</span> <span>-1.29</span>
WEST 61752	16.77 <span>0.00</span> <span>0.00</span>	15.42 <span>-0.20</span> <span>0.00</span>	15.00 <span>-0.29</span> <span>0.00</span>	14.61 <span>-0.22</span> <span>0.00</span>	15.33 <span>-0.22</span> <span>0.00</span>	18.89 <span>-0.11</span> <span>0.00</span>	26.85 <span>0.21</span> <span>0.00</span>	31.56 <span>0.40</span> <span>0.00</span>	27.10 <span>0.19</span> <span>0.00</span>	28.19 <span>-0.11</span> <span>0.00</span>	27.11 <span>0.05</span> <span>0.00</span>	25.80 <span>0.05</span> <span>0.00</span>	23.71 <span>0.17</span> <span>0.00</span>	22.96 <span>0.14</span> <span>0.00</span>	22.66 <span>0.25</span> <span>0.00</span>	22.25 <span>0.16</span> <span>0.00</span>	23.10 <span>0.21</span> <span>0.00</span>	25.68 <span>0.43</span> <span>0.00</span>	31.31 <span>0.73</span> <span>0.00</span>	27.85 <span>0.55</span> <span>0.00</span>	25.44 <span>0.64</span> <span>0.00</span>	22.77 <span>0.02</span> <span>0.00</span>	18.87 <span>0.02</span> <span>0.00</span>	18.33 <span>-0.24</span> <span>0.00</span>