

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

02/01/2016

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	15.81	14.00	14.31	14.00	14.28	15.07	20.18	21.83	23.81	23.88	24.00	24.22	23.20	22.62	21.42	21.47	25.44	33.48	32.08	28.04	24.93	22.79	20.22	17.07
61757	0.99	0.84	0.83	0.79	0.86	1.03	1.22	1.58	1.74	1.77	1.80	1.77	1.70	1.62	1.48	1.50	1.84	2.45	2.35	1.93	1.65	1.47	1.38	1.10
	-2.56	-2.98	-3.41	-3.52	-2.65	-1.57	-2.53	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	12.69	10.65	10.61	10.21	11.20	12.80	17.28	20.59	22.20	22.26	22.42	22.76	21.72	21.17	20.05	20.07	23.71	30.81	29.76	26.32	23.48	21.40	18.75	16.00
61754	0.10	0.08	0.09	0.08	0.09	0.14	0.21	0.34	0.13	0.16	0.22	0.31	0.22	0.17	0.10	0.10	0.12	-0.18	0.03	0.21	0.21	0.09	-0.09	0.03
	-0.33	-0.38	-0.44	-0.45	-0.34	-0.20	-0.64	0.00	0.00	-0.01	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	15.57	13.59	13.77	13.43	13.94	15.01	20.33	22.74	24.93	25.08	25.16	25.36	24.34	23.70	22.42	22.45	26.54	34.83	33.36	29.27	26.02	23.77	20.94	17.63
61760	1.31	1.08	1.04	1.00	1.11	1.32	1.92	2.49	2.87	2.96	2.95	2.92	2.84	2.69	2.47	2.48	2.95	3.81	3.63	3.16	2.74	2.45	2.09	1.66
	-1.99	-2.32	-2.66	-2.75	-2.06	-1.22	-1.98	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	12.15	10.18	10.12	9.74	10.79	12.34	16.56	19.68	21.23	21.27	21.45	21.95	20.80	20.25	19.23	19.22	22.70	29.51	28.60	25.35	22.60	20.61	18.00	15.44
61753	-0.39	-0.34	-0.33	-0.33	-0.27	-0.30	-0.46	-0.57	-0.84	-0.84	-0.75	-0.49	-0.71	-0.76	-0.72	-0.76	-0.90	-1.49	-1.13	-0.76	-0.68	-0.70	-0.85	-0.53
	-0.28	-0.32	-0.37	-0.38	-0.29	-0.17	-0.60	0.00	0.00	-0.01	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	9.90	9.89	9.77	9.39	9.90	9.90	10.16	11.17	11.17	10.16	10.16	10.16	10.16	10.16	10.16	10.16	10.16	10.16	10.16	19.19	16.44	14.60	12.23	10.16
61844	-0.36	-0.30	-0.30	-0.29	-0.32	-0.37	-0.53	-0.69	-0.75	-0.77	-0.78	-0.79	-0.75	-0.69	-0.62	-0.62	-0.73	-0.87	-0.89	-0.78	-0.68	-0.57	-0.51	-0.43
	2.01	0.00	0.00	0.00	0.55	2.19	5.74	8.39	10.15	11.16	11.26	11.50	10.59	10.15	9.17	9.20	12.70	19.97	18.68	6.14	6.16	6.14	6.11	5.38
HUD VL	15.51	13.55	13.74	13.39	13.90	14.97	20.26	22.60	24.78	24.91	24.98	25.18	24.17	23.53	22.26	22.29	26.38	34.65	33.21	29.11	25.90	23.66	20.84	17.55
61758	1.26	1.05	1.02	0.98	1.08	1.28	1.86	2.35	2.71	2.78	2.77	2.74	2.67	2.52	2.31	2.32	2.78	3.62	3.48	3.00	2.63	2.34	2.00	1.58
	-1.99	-2.31	-2.64	-2.74	-2.05	-1.22	-1.98	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	17.58	16.07	14.94	14.50	14.69	15.57	24.00	27.00	27.76	29.11	29.75	30.38	29.97	28.72	29.18	29.57	30.50	36.20	38.74	32.42	31.08	29.46	23.71	18.43
61762	1.90	1.57	1.50	1.46	1.62	1.88	2.74	3.52	3.97	4.00	3.93	3.90	3.79	3.61	3.37	3.38	4.01	5.15	4.97	4.34	3.80	3.41	3.00	2.43
	-3.42	-4.31	-3.36	-3.35	-2.31	-1.22	-4.83	-3.23	-1.72	-3.02	-3.62	-4.03	-4.68	-4.10	-5.86	-6.22	-2.89	-0.06	-4.05	-1.98	-4.01	-4.74	-1.87	-0.03
MHK VL	13.02	10.95	10.90	10.51	11.49	13.10	17.73	21.12	22.97	23.02	23.13	23.41	22.54	21.97	20.79	20.81	24.51	32.30	31.07	27.31	24.27	22.15	19.53	16.54
61756	0.37	0.31	0.30	0.29	0.31	0.40	0.64	0.87	0.91	0.91	0.93	0.96	1.03	0.97	0.84	0.84	0.92	1.30	1.34	1.20	1.00	0.83	0.68	0.57
	-0.39	-0.46	-0.52	-0.54	-0.41	-0.24	-0.66	0.00	0.00	-0.01	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
MILLWD	15.58	13.60	13.79	13.45	13.95	15.00	20.34	22.74	24.93	25.08	25.16	25.36	24.37	23.70	22.40	22.43	26.54	34.87	33.42	29.32	26.02	23.77	20.90	17.58
61759	1.31	1.08	1.05	1.01	1.11	1.31	1.92	2.49	2.87	2.96	2.95	2.92	2.86	2.69	2.45	2.46	2.95	3.84	3.69	3.21	2.74	2.45	2.05	1.61
	-2.00	-2.33	-2.67	-2.76	-2.07	-1.23	-1.99	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	15.68	13.67	13.82	13.49	13.99	15.06	20.41	22.86	25.09	25.24	25.31	25.54	24.54	23.86	22.58	22.61	26.73	35.02	33.54	29.40	26.16	23.92	21.07	17.76
61761	1.42	1.16	1.09	1.06	1.15	1.37	2.00	2.61	3.02	3.12	3.11	3.10	3.03	2.86	2.63	2.64	3.14	4.00	3.81	3.29	2.89	2.60	2.22	1.79
	-2.00	-2.32	-2.66	-2.75	-2.06	-1.22	-1.98	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00
NORTH	11.65	9.68	9.54	9.17	10.21	11.82	15.00	19.12	20.76	20.66	20.68	20.89	20.07	19.75	18.87	18.92	22.32	29.69	28.42	24.96	22.30	20.46	18.13	15.35
61755	-0.61	-0.51	-0.53	-0.51	-0.56	-0.65	-0.92	-1.13	-1.30	-1.44	-1.51	-1.55	-1.44	-1.26	-1.08	-1.06	-1.27	-1.30	-1.31	-1.15	-0.98	-0.85	-0.72	-0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.01	0.01	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	15.70	13.81	14.07	13.74	14.15	15.51	20.29	22.26	24.25	24.33	24.44	24.60	23.61	23.00	21.78	21.81	25.88	34.03	32.56	28.49	25.28	23.15	20.49	17.31
61845	1.13	0.94	0.92	0.88	0.99	1.17	1.58	2.01	2.19	2.21	2.24	2.15	2.11	2.00	1.83	1.84	2.29	3.01	2.83	2.38	2.00	1.83	1.64	1.34
	-2.31	-2.69	-3.08	-3.18	-2.39	-1.87	-2.28	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00

O H 61846	12.00 <span>-0.61</span> <span>-0.35</span>	10.11 <span>-0.49</span> <span>-0.41</span>	10.11 <span>-0.43</span> <span>-0.47</span>	9.75 <span>-0.42</span> <span>-0.48</span>	10.61 <span>-0.53</span> <span>-0.36</span>	11.73 <span>-0.56</span> <span>0.17</span>	15.63 <span>-1.08</span> <span>-0.28</span>	17.24 <span>-1.01</span> <span>2.00</span>	16.61 <span>-1.46</span> <span>4.00</span>	17.70 <span>-1.41</span> <span>2.98</span>	18.10 <span>-1.40</span> <span>2.70</span>	17.17 <span>-1.28</span> <span>4.00</span>	16.52 <span>-1.27</span> <span>3.72</span>	16.55 <span>-1.24</span> <span>3.22</span>	16.55 <span>-1.22</span> <span>2.18</span>	16.55 <span>-1.26</span> <span>2.17</span>	19.45 <span>-1.61</span> <span>2.54</span>	26.55 <span>-3.07</span> <span>1.37</span>	25.95 <span>-2.65</span> <span>1.14</span>	24.00 <span>-1.78</span> <span>0.33</span>	20.85 <span>-1.42</span> <span>1.00</span>	18.95 <span>-1.36</span> <span>1.00</span>	17.15 <span>-1.45</span> <span>0.25</span>	14.96 <span>-1.01</span> <span>0.00</span>
PJM 61847	14.20 <span>0.59</span> <span>-1.35</span>	12.25 <span>0.49</span> <span>-1.57</span>	12.36 <span>0.48</span> <span>-1.80</span>	12.01 <span>0.46</span> <span>-1.86</span>	12.66 <span>0.50</span> <span>-1.40</span>	13.90 <span>0.61</span> <span>-0.83</span>	18.77 <span>0.85</span> <span>-1.48</span>	21.47 <span>1.21</span> <span>0.00</span>	23.35 <span>1.28</span> <span>0.00</span>	23.44 <span>1.33</span> <span>-0.02</span>	23.53 <span>1.33</span> <span>0.00</span>	23.79 <span>1.35</span> <span>0.00</span>	22.82 <span>1.31</span> <span>0.00</span>	22.23 <span>1.22</span> <span>0.00</span>	21.02 <span>1.08</span> <span>0.00</span>	21.05 <span>1.08</span> <span>0.00</span>	24.82 <span>1.23</span> <span>0.00</span>	32.19 <span>1.18</span> <span>-0.02</span>	30.98 <span>1.25</span> <span>0.00</span>	27.44 <span>1.33</span> <span>0.00</span>	24.46 <span>1.19</span> <span>0.00</span>	22.34 <span>1.02</span> <span>0.00</span>	19.60 <span>0.75</span> <span>0.00</span>	16.64 <span>0.67</span> <span>0.00</span>
WEST 61752	12.15 <span>-0.44</span> <span>-0.33</span>	10.22 <span>-0.36</span> <span>-0.39</span>	10.22 <span>-0.30</span> <span>-0.44</span>	9.85 <span>-0.29</span> <span>-0.46</span>	10.73 <span>-0.39</span> <span>-0.35</span>	12.32 <span>-0.35</span> <span>-0.20</span>	16.31 <span>-0.76</span> <span>-0.64</span>	19.79 <span>-0.46</span> <span>0.00</span>	21.18 <span>-0.88</span> <span>0.00</span>	21.31 <span>-0.79</span> <span>-0.01</span>	21.45 <span>-0.75</span> <span>0.00</span>	21.84 <span>-0.60</span> <span>0.00</span>	20.86 <span>-0.64</span> <span>0.00</span>	20.36 <span>-0.65</span> <span>0.00</span>	19.29 <span>-0.66</span> <span>0.00</span>	19.27 <span>-0.70</span> <span>0.00</span>	22.60 <span>-0.99</span> <span>0.00</span>	28.67 <span>-2.33</span> <span>0.00</span>	27.80 <span>-1.93</span> <span>0.00</span>	25.04 <span>-1.07</span> <span>0.00</span>	22.51 <span>-0.77</span> <span>0.00</span>	20.51 <span>-0.81</span> <span>0.00</span>	17.79 <span>-1.06</span> <span>0.00</span>	15.23 <span>-0.73</span> <span>0.00</span>