

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/06/2019

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	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	23.01	23.49	22.09	22.70	22.32	23.25	23.97	25.01	24.61	24.84	24.75	23.95	22.77	22.40	22.20	22.55	24.90	29.52	27.73	25.08	24.76	23.55	21.65	21.85
61757	0.92	0.88	0.86	0.84	0.82	0.98	1.42	1.46	1.44	1.50	1.62	1.50	1.43	1.43	1.37	1.44	1.65	1.83	1.74	1.66	1.51	1.62	1.32	1.04
	-6.24	-8.39	-7.22	-7.84	-7.30	-5.69	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	-2.28
CENTRL	17.03	15.60	15.25	15.30	15.41	17.64	23.30	24.56	24.34	24.42	24.14	23.46	22.22	21.88	21.67	21.90	24.02	28.44	26.67	24.00	23.83	22.41	20.66	19.03
61754	0.44	0.40	0.38	0.35	0.34	0.38	0.74	1.01	1.02	0.96	0.90	0.87	0.75	0.73	0.71	0.72	0.77	0.75	0.67	0.59	0.58	0.48	0.32	0.20
	-0.73	-0.99	-0.86	-0.93	-0.87	-0.68	0.00	0.00	-0.15	-0.12	-0.11	-0.14	-0.13	-0.18	-0.13	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28
DUNWOD	21.92	21.65	20.61	21.05	20.88	22.30	24.79	26.14	25.70	25.91	25.65	24.94	23.71	23.30	23.26	23.63	25.88	30.71	28.98	26.06	25.90	24.40	22.53	21.96
61760	1.63	1.43	1.43	1.42	1.45	1.64	2.23	2.59	2.53	2.57	2.52	2.49	2.37	2.33	2.44	2.51	2.63	3.02	2.99	2.65	2.65	2.48	2.20	1.76
	-4.43	-6.00	-5.16	-5.62	-5.23	-4.08	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	-1.66
GENESE	16.66	15.18	14.88	14.87	14.96	17.19	23.03	24.42	23.66	23.79	23.57	22.81	21.57	21.02	20.96	21.47	23.62	27.89	26.12	23.65	23.48	22.10	20.23	18.43
61753	0.27	0.24	0.24	0.17	0.13	0.12	0.47	0.87	0.95	0.82	0.76	0.79	0.62	0.59	0.54	0.55	0.37	0.20	0.13	0.23	0.23	0.17	-0.10	-0.32
	-0.54	-0.73	-0.63	-0.68	-0.63	-0.49	0.00	0.00	0.46	0.37	0.33	0.42	0.39	0.53	0.41	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20
H Q	14.96	13.50	13.36	13.51	13.70	16.02	21.74	22.72	22.36	22.55	22.34	21.68	20.64	20.28	20.11	20.38	22.46	26.81	25.11	22.62	22.46	21.16	19.72	18.06
61844	-0.59	-0.53	-0.52	-0.50	-0.50	-0.56	-0.81	-0.82	-0.81	-0.79	-0.79	-0.76	-0.70	-0.69	-0.71	-0.74	-0.79	-0.89	-0.88	-0.80	-0.79	-0.77	-0.61	-0.48
	0.32	0.19	0.14	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	21.77	21.51	20.47	20.92	20.73	22.14	24.54	25.74	25.28	25.51	25.28	24.51	23.30	22.90	22.86	23.21	25.51	30.33	28.64	25.74	25.60	24.14	22.31	21.77
61758	1.46	1.28	1.28	1.26	1.28	1.46	1.99	2.19	2.11	2.17	2.15	2.06	1.96	1.93	2.04	2.09	2.25	2.63	2.65	2.32	2.35	2.21	1.97	1.58
	-4.45	-6.02	-5.18	-5.64	-5.25	-4.09	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	-1.65
LONGIL	29.64	27.45	26.38	25.37	26.47	29.86	35.56	38.04	37.08	35.20	34.54	33.50	32.48	32.47	32.91	33.50	40.20	43.96	40.95	37.90	35.36	33.24	30.18	28.46
61762	2.41	2.13	2.12	2.10	2.13	2.44	3.29	3.70	3.59	3.57	3.47	3.39	3.20	3.17	3.27	3.38	3.65	4.15	4.05	3.63	3.58	3.38	3.13	2.58
	-11.37	-11.10	-10.25	-9.25	-10.14	-10.84	-9.71	-10.79	-10.32	-8.28	-7.94	-7.66	-7.94	-8.33	-8.82	-9.01	-13.30	-12.12	-10.91	-10.86	-8.53	-7.94	-6.72	-7.34
MHK VL	16.84	15.48	15.16	15.32	15.45	17.70	23.32	24.49	24.17	24.35	24.08	23.37	22.22	21.79	21.59	21.92	24.18	28.91	27.08	24.31	24.18	22.74	21.06	19.35
61756	0.38	0.31	0.31	0.31	0.33	0.40	0.77	0.94	1.00	1.00	0.95	0.92	0.88	0.82	0.77	0.80	0.93	1.22	1.09	0.89	0.93	0.81	0.73	0.52
	-0.60	-0.95	-0.83	-0.99	-0.92	-0.72	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	-0.29
MILLWD	21.91	21.67	20.61	21.08	20.88	22.25	24.63	26.02	25.58	25.93	25.74	24.94	23.67	23.25	23.28	23.63	25.90	30.93	29.21	26.23	26.04	24.56	22.59	22.02
61759	1.55	1.36	1.36	1.36	1.36	1.52	2.07	2.47	2.41	2.59	2.61	2.49	2.33	2.29	2.46	2.51	2.65	3.24	3.22	2.81	2.79	2.63	2.26	1.80
	-4.50	-6.09	-5.24	-5.71	-5.31	-4.14	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	-1.68
N.Y.C.	22.10	21.77	20.72	21.16	20.99	22.44	24.97	26.33	25.92	26.12	25.86	25.16	23.92	23.50	23.45	23.82	26.06	30.82	29.11	26.15	26.04	24.56	22.75	22.14
61761	1.81	1.56	1.54	1.53	1.56	1.78	2.41	2.78	2.76	2.78	2.73	2.71	2.58	2.54	2.62	2.70	2.81	3.13	3.12	2.74	2.79	2.63	2.42	1.95
	-4.43	-6.00	-5.16	-5.62	-5.23	-4.08	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	-1.66
NORTH	13.38	12.39	12.43	13.12	13.31	15.62	21.22	22.21	21.96	22.15	21.97	21.30	20.32	19.98	19.70	19.95	22.02	26.39	24.61	22.17	22.02	20.65	19.42	17.80
61755	-1.11	-1.00	-0.98	-0.90	-0.89	-0.96	-1.33	-1.34	-1.21	-1.19	-1.16	-1.14	-1.02	-0.99	-1.12	-1.16	-1.23	-1.30	-1.38	-1.24	-1.23	-1.27	-0.91	-0.74
	1.37	0.83	0.60	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	24.00	22.50	22.10	22.00	23.10	28.00	35.61	43.35	40.44	36.30	34.49	32.91	32.31	31.97	32.40	32.18	38.69	38.95	36.98	32.21	30.37	29.84	26.20	24.63
61845	1.27	1.12	1.12	1.11	1.12	1.29	1.71	1.88	1.85	1.89	1.92	1.86	1.79	1.76	1.79	1.86	1.95	2.22	2.18	1.99	1.98	1.95	1.71	1.39
	-6.87	-7.16	-6.96	-6.88	-7.78	-10.12	-11.34	-17.92	-15.42	-11.07	-9.44	-8.60	-9.18	-9.24	-9.79	-9.21	-13.49	-9.04	-8.81	-6.80	-5.14	-5.96	-4.16	-4.70

O H 61846	16.72 <span>0.16</span> <span>-0.70</span>	15.33 <span>0.17</span> <span>-0.95</span>	15.00 <span>0.17</span> <span>-0.82</span>	14.96 <span>0.06</span> <span>-0.89</span>	15.00 <span>-0.03</span> <span>-0.83</span>	17.03 <span>-0.20</span> <span>-0.64</span>	22.73 <span>0.18</span> <span>0.00</span>	24.33 <span>0.78</span> <span>0.00</span>	23.94 <span>0.93</span> <span>0.16</span>	23.91 <span>0.70</span> <span>0.13</span>	23.10 <span>0.62</span> <span>0.65</span>	20.80 <span>0.58</span> <span>2.23</span>	20.00 <span>0.45</span> <span>1.79</span>	19.00 <span>0.48</span> <span>2.45</span>	19.00 <span>0.48</span> <span>2.30</span>	18.93 <span>0.49</span> <span>2.67</span>	23.48 <span>0.23</span> <span>0.00</span>	27.17 <span>-0.53</span> <span>0.00</span>	25.42 <span>-0.57</span> <span>0.00</span>	23.02 <span>-0.40</span> <span>0.00</span>	22.93 <span>-0.33</span> <span>0.00</span>	21.57 <span>-0.35</span> <span>0.00</span>	19.80 <span>-0.53</span> <span>0.00</span>	18.01 <span>-0.80</span> <span>-0.27</span>
PJM 61847	19.51 <span>0.94</span> <span>-2.72</span>	18.74 <span>0.85</span> <span>-3.68</span>	18.02 <span>0.84</span> <span>-3.16</span>	18.26 <span>0.80</span> <span>-3.45</span>	18.17 <span>0.77</span> <span>-3.21</span>	19.90 <span>0.81</span> <span>-2.50</span>	23.84 <span>1.28</span> <span>0.00</span>	25.34 <span>1.79</span> <span>0.00</span>	25.74 <span>1.78</span> <span>-0.79</span>	25.68 <span>1.70</span> <span>-0.63</span>	25.33 <span>1.64</span> <span>-0.56</span>	24.74 <span>1.57</span> <span>-0.72</span>	23.44 <span>1.43</span> <span>-0.67</span>	23.33 <span>1.45</span> <span>-0.92</span>	23.04 <span>1.52</span> <span>-0.70</span>	23.01 <span>1.56</span> <span>-0.33</span>	24.76 <span>1.51</span> <span>0.00</span>	29.11 <span>1.41</span> <span>0.00</span>	27.34 <span>1.35</span> <span>0.00</span>	24.61 <span>1.19</span> <span>0.00</span>	24.53 <span>1.28</span> <span>0.00</span>	23.09 <span>1.16</span> <span>0.00</span>	21.29 <span>0.96</span> <span>0.00</span>	20.17 <span>0.61</span> <span>-1.02</span>
WEST 61752	17.15 <span>0.60</span> <span>-0.69</span>	15.69 <span>0.54</span> <span>-0.94</span>	15.37 <span>0.55</span> <span>-0.81</span>	15.32 <span>0.42</span> <span>-0.88</span>	15.35 <span>0.33</span> <span>-0.82</span>	17.45 <span>0.23</span> <span>-0.64</span>	23.46 <span>0.90</span> <span>0.00</span>	25.25 <span>1.70</span> <span>0.00</span>	30.00 <span>1.85</span> <span>-4.98</span>	28.97 <span>1.61</span> <span>-4.01</span>	28.19 <span>1.53</span> <span>-3.53</span>	28.50 <span>1.48</span> <span>-4.57</span>	26.86 <span>1.28</span> <span>-4.24</span>	28.05 <span>1.28</span> <span>-5.80</span>	26.50 <span>1.27</span> <span>-4.41</span>	24.50 <span>1.31</span> <span>-2.07</span>	24.34 <span>1.09</span> <span>0.00</span>	28.08 <span>0.39</span> <span>0.00</span>	26.22 <span>0.23</span> <span>0.00</span>	23.77 <span>0.35</span> <span>0.00</span>	23.65 <span>0.39</span> <span>0.00</span>	22.23 <span>0.31</span> <span>0.00</span>	20.37 <span>0.04</span> <span>0.00</span>	18.45 <span>-0.35</span> <span>-0.26</span>