

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/02/2001

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	22.81	16.22	16.03	15.42	15.19	18.10	24.19	28.30	30.66	31.88	30.19	30.34	30.11	30.09	30.03	29.98	29.87	30.09	29.73	30.92	29.89	29.16	25.88	22.79
61757	0.41	0.28	0.27	0.26	0.25	0.36	0.53	1.16	1.44	1.51	1.48	1.51	1.37	1.38	1.37	1.35	1.27	1.43	1.35	1.51	1.37	1.26	1.06	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
CENTRL	21.70	15.56	15.40	14.82	14.60	17.28	22.81	26.23	28.23	29.34	27.71	27.83	27.74	27.71	27.67	27.65	27.62	27.63	27.38	28.40	27.52	27.00	24.05	21.46
61754	-0.70	-0.38	-0.36	-0.34	-0.34	-0.46	-0.85	-0.91	-0.99	-1.03	-1.00	-1.00	-1.00	-1.00	-0.99	-0.98	-0.98	-1.03	-1.00	-1.01	-1.00	-0.90	-0.77	-0.81
	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	23.30	16.61	16.41	15.78	15.52	18.50	24.70	29.12	31.56	33.08	30.68	30.92	30.72	30.69	31.03	30.96	30.67	30.76	30.59	31.85	30.74	30.02	26.16	23.38
61760	0.90	0.67	0.65	0.62	0.58	0.76	1.04	1.98	2.34	2.73	2.64	2.68	2.64	2.64	2.64	2.61	2.43	2.44	2.21	2.44	2.22	2.12	1.96	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.67	0.59	0.66	0.66	0.27	0.28	0.36	0.34	0.00	0.00	0.00	0.00	0.62	0.00
GENESE	21.61	15.25	15.09	14.60	14.44	17.05	22.85	25.76	27.64	28.57	26.81	26.95	26.86	26.85	26.76	26.71	26.64	26.61	26.29	27.46	26.55	26.21	23.87	21.28
61753	-0.79	-0.69	-0.67	-0.56	-0.50	-0.69	-0.81	-1.38	-1.58	-1.80	-1.90	-1.88	-1.88	-1.86	-1.90	-1.92	-1.96	-2.05	-2.09	-1.95	-1.97	-1.69	-0.95	-0.99
	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	16.41	16.05	15.87	15.27	15.04	17.86	23.90	27.03	29.04	30.19	28.54	28.63	28.54	28.51	28.49	28.43	28.43	28.49	28.24	29.26	28.41	27.73	24.62	21.69
61844	0.16	0.11	0.11	0.11	0.10	0.12	0.24	-0.11	-0.18	-0.18	-0.17	-0.20	-0.20	-0.20	-0.17	-0.20	-0.17	-0.17	-0.14	-0.15	-0.11	-0.17	-0.20	0.13
	6.15	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	0.71
HUD VL	23.13	16.48	16.27	15.65	15.41	18.38	24.52	28.92	31.35	32.95	31.04	31.24	31.10	31.08	31.11	31.06	30.72	30.81	30.42	31.67	30.56	29.84	26.40	23.19
61758	0.73	0.54	0.51	0.49	0.47	0.64	0.86	1.78	2.13	2.58	2.50	2.56	2.53	2.54	2.52	2.50	2.22	2.24	2.04	2.26	2.04	1.94	1.76	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.15	0.17	0.17	0.07	0.07	0.10	0.09	0.00	0.00	0.00	0.00	0.18	0.00
LONGIL	23.76	22.30	22.13	21.84	21.82	22.49	25.01	29.73	34.08	41.01	80.18	80.71	80.67	80.69	80.71	52.98	34.04	33.19	33.18	37.17	34.03	31.35	28.43	23.66
61762	1.36	1.04	1.02	0.97	0.95	1.18	1.35	2.59	3.05	3.44	3.24	3.29	3.22	3.24	3.21	3.24	2.97	3.00	2.77	2.99	2.75	2.69	2.43	1.39
	0.00	-5.32	-5.35	-5.71	-5.93	-3.57	0.00	0.00	-1.81	-7.20	-48.23	-48.59	-48.71	-48.74	-48.84	-21.11	-2.47	-1.53	-2.03	-4.77	-2.76	-0.76	-1.18	0.00
MHK VL	22.50	16.01	15.82	15.21	14.99	17.84	23.77	27.28	29.23	30.36	28.80	28.82	28.81	28.80	28.79	28.78	28.80	28.84	28.82	29.49	28.85	28.31	24.74	22.33
61756	0.10	0.07	0.06	0.05	0.05	0.10	0.11	0.14	0.01	-0.01	0.09	-0.01	0.07	0.09	0.13	0.15	0.20	0.18	0.44	0.08	0.33	0.41	-0.08	0.06
	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
MILLWD	23.04	16.41	16.21	15.59	15.35	18.30	24.40	28.78	31.21	32.73	30.47	30.69	30.49	30.48	30.72	30.66	30.38	30.48	30.25	31.50	30.40	29.69	25.98	23.10
61759	0.64	0.47	0.45	0.43	0.41	0.56	0.74	1.64	1.99	2.37	2.30	2.33	2.28	2.30	2.28	2.26	2.07	2.09	1.87	2.09	1.88	1.79	1.66	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.54	0.47	0.53	0.53	0.22	0.23	0.29	0.27	0.00	0.00	0.00	0.00	0.50	0.00
N.Y.C.	23.49	16.75	16.55	15.91	15.66	18.67	24.89	29.36	31.86	34.90	34.87	34.88	34.86	34.85	34.16	34.15	34.14	33.59	31.56	32.15	31.01	30.26	28.67	23.61
61761	1.09	0.81	0.79	0.75	0.72	0.93	1.23	2.22	2.64	3.06	2.94	3.01	2.92	2.94	2.92	2.91	2.72	2.74	2.51	2.74	2.49	2.36	2.26	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.47	-3.22	-3.04	-3.20	-3.20	-2.58	-2.61	-2.82	-2.19	-0.67	0.00	0.00	0.00	-1.59	0.00
NORTH	22.65	16.13	15.94	15.31	15.11	17.96	24.04	27.17	29.13	30.26	28.59	28.68	28.60	28.57	28.53	28.49	28.53	28.62	28.41	29.40	28.60	27.87	24.63	22.46
61755	0.25	0.19	0.18	0.15	0.17	0.22	0.38	0.03	-0.09	-0.11	-0.12	-0.15	-0.14	-0.14	-0.13	-0.14	-0.07	-0.04	0.03	-0.01	0.08	-0.03	-0.19	0.19
	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	16.81	16.34	16.14	15.52	15.28	18.22	24.32	28.61	30.94	32.31	30.58	30.76	30.61	30.58	30.49	30.46	30.32	30.44	29.97	31.17	30.12	29.41	26.19	22.23
61845	0.56	0.40	0.38	0.36	0.34	0.48	0.66	1.47	1.72	1.94	1.87	1.93	1.87	1.83	1.83	1.83	1.72	1.78	1.59	1.76	1.60	1.51	1.37	0.67
	6.15	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	0.71

H 61846	15.60 <span>-0.65</span> 6.15	15.40 <span>-0.54</span> 0.00	15.27 <span>-0.49</span> 0.00	14.75 <span>-0.41</span> 0.00	14.57 <span>-0.37</span> 0.00	17.01 <span>-0.73</span> 0.00	22.62 <span>-1.04</span> 0.00	25.40 <span>-1.74</span> 0.00	27.06 <span>-2.16</span> 0.00	28.03 <span>-2.34</span> 0.00	25.98 <span>-2.73</span> 0.00	26.12 <span>-2.71</span> 0.00	26.01 <span>-2.73</span> 0.00	26.04 <span>-2.67</span> 0.00	25.94 <span>-2.72</span> 0.00	25.88 <span>-2.75</span> 0.00	25.83 <span>-2.77</span> 0.00	25.79 <span>-2.87</span> 0.00	25.43 <span>-2.95</span> 0.00	26.62 <span>-2.79</span> 0.00	25.73 <span>-2.79</span> 0.00	25.78 <span>-2.12</span> 0.00	24.00 <span>-0.82</span> 0.00	20.31 <span>-1.25</span> 0.71
PJM 61847	15.00 <span>-1.25</span> 6.15	15.00 <span>-0.94</span> 0.00	14.99 <span>-0.77</span> 0.00	14.48 <span>-0.68</span> 0.00	14.15 <span>-0.79</span> 0.00	16.21 <span>-1.53</span> 0.00	21.46 <span>-2.20</span> 0.00	25.00 <span>-2.14</span> 0.00	27.00 <span>-2.22</span> 0.00	28.27 <span>-2.10</span> 0.00	26.67 <span>-2.04</span> 0.00	26.78 <span>-2.05</span> 0.00	26.70 <span>-2.04</span> 0.00	26.70 <span>-2.01</span> 0.00	26.63 <span>-2.03</span> 0.00	26.57 <span>-2.06</span> 0.00	26.46 <span>-2.14</span> 0.00	26.40 <span>-2.26</span> 0.00	25.83 <span>-2.55</span> 0.00	27.20 <span>-2.21</span> 0.00	26.30 <span>-2.22</span> 0.00	25.92 <span>-1.98</span> 0.00	23.33 <span>-1.49</span> 0.00	19.47 <span>-2.09</span> 0.71
WEST 61752	21.80 <span>-0.60</span> 0.00	15.43 <span>-0.51</span> 0.00	15.33 <span>-0.43</span> 0.00	14.81 <span>-0.35</span> 0.00	14.60 <span>-0.34</span> 0.00	16.99 <span>-0.75</span> 0.00	22.60 <span>-1.06</span> 0.00	25.53 <span>-1.61</span> 0.00	27.31 <span>-1.91</span> 0.00	28.35 <span>-2.02</span> 0.00	26.36 <span>-2.35</span> 0.00	26.50 <span>-2.33</span> 0.00	26.39 <span>-2.35</span> 0.00	26.40 <span>-2.31</span> 0.00	26.32 <span>-2.34</span> 0.00	26.26 <span>-2.37</span> 0.00	26.17 <span>-2.43</span> 0.00	26.14 <span>-2.52</span> 0.00	25.72 <span>-2.66</span> 0.00	26.99 <span>-2.42</span> 0.00	26.08 <span>-2.44</span> 0.00	26.08 <span>-1.82</span> 0.00	24.08 <span>-0.74</span> 0.00	21.08 <span>-1.19</span> 0.00