

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/02/2002

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	33.26	29.05	23.64	22.32	21.54	22.05	22.07	24.26	22.85	28.73	29.39	29.67	29.71	29.42	29.71	30.19	30.01	29.59	29.77	29.50	37.05	34.07	36.78	36.94
61757	1.13	0.93	0.79	0.66	0.65	0.66	0.55	0.62	0.65	0.98	1.03	1.07	1.08	0.96	0.99	1.02	1.08	0.98	0.96	0.99	1.54	1.43	1.43	1.42
	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	30.91	27.05	21.93	20.80	20.09	20.53	20.56	22.53	21.42	26.75	27.40	27.82	27.83	27.66	27.83	28.09	27.85	27.58	27.83	27.50	34.27	31.57	34.11	34.27
61754	-1.22	-1.07	-0.92	-0.86	-0.80	-0.86	-0.96	-1.11	-0.78	-1.00	-0.96	-0.78	-0.80	-0.80	-0.89	-1.08	-1.08	-1.03	-0.98	-1.01	-1.24	-1.07	-1.24	-1.25
	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	34.36	29.92	24.34	23.05	22.23	22.76	22.77	25.08	23.98	29.82	30.49	30.71	30.91	30.83	31.16	31.63	31.32	30.92	31.05	30.78	38.40	35.24	38.00	38.11
61760	2.22	1.80	1.49	1.39	1.34	1.37	1.25	1.40	1.53	1.91	1.96	1.94	2.00	2.02	2.10	2.13	2.05	2.03	1.99	1.94	2.73	2.38	2.58	2.56
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.25	-0.16	-0.17	-0.17	-0.28	-0.35	-0.34	-0.33	-0.34	-0.28	-0.25	-0.33	-0.16	-0.22	-0.07	-0.03
GENESE	30.41	26.84	21.72	20.60	19.92	20.28	19.75	21.36	20.60	25.49	26.04	26.54	26.51	26.34	26.58	26.90	26.61	26.42	26.78	26.57	32.95	30.72	33.34	33.67
61753	-1.72	-1.28	-1.13	-1.06	-0.97	-1.11	-1.77	-2.28	-1.60	-2.26	-2.32	-2.06	-2.12	-2.12	-2.14	-2.27	-2.32	-2.19	-2.03	-1.94	-2.56	-1.92	-2.01	-1.85
	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	32.00	28.04	22.78	21.62	20.85	21.37	21.74	23.90	22.22	27.78	28.36	28.51	28.54	28.37	28.63	29.11	28.87	28.58	28.75	28.48	35.26	32.38	35.10	35.24
61844	-0.13	-0.08	-0.07	-0.04	0.00	-0.02	0.22	0.26	0.02	0.03	0.00	-0.09	-0.09	-0.09	-0.09	-0.06	-0.06	-0.03	-0.06	-0.03	-0.25	-0.26	-0.25	-0.28
	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	34.03	29.55	24.03	22.75	21.96	22.46	22.49	24.75	23.45	29.28	29.89	30.05	30.15	30.01	30.37	30.82	30.51	30.18	30.30	29.96	37.74	34.56	37.52	37.81
61758	1.90	1.43	1.18	1.09	1.07	1.07	0.97	1.11	1.25	1.53	1.53	1.45	1.52	1.55	1.65	1.65	1.58	1.57	1.49	1.45	2.23	1.92	2.17	2.29
	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
LONGIL	37.14	36.84	35.63	34.81	34.03	23.07	23.06	35.43	37.87	39.21	41.01	43.08	46.52	46.68	49.00	51.10	51.09	51.21	46.64	46.66	59.35	48.28	43.19	41.21
61762	2.63	2.19	1.82	1.69	1.65	1.68	1.54	1.73	1.79	2.24	2.28	2.28	2.34	2.34	2.42	2.44	2.39	2.37	2.30	2.23	3.11	2.71	2.81	2.96
	-2.38	-6.53	-10.96	-11.46	-11.49	0.00	0.00	-10.06	-13.88	-9.22	-10.37	-12.20	-15.55	-15.88	-17.86	-19.49	-19.77	-20.23	-15.53	-15.92	-20.73	-12.93	-5.03	-2.73
MHK VL	32.30	28.25	22.91	21.72	20.89	21.40	21.60	23.84	22.32	27.90	28.52	28.79	28.82	28.64	28.88	29.32	29.14	28.83	29.04	28.75	35.84	32.88	35.59	35.77
61756	0.17	0.13	0.06	0.06	0.00	0.01	0.08	0.20	0.12	0.15	0.16	0.19	0.19	0.18	0.16	0.15	0.21	0.22	0.23	0.24	0.33	0.24	0.24	0.25
	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	33.93	29.55	24.04	22.75	21.96	22.47	22.49	24.74	23.43	29.30	29.93	30.14	30.23	30.08	30.43	30.88	30.59	30.25	30.38	30.05	37.76	34.58	37.45	37.62
61759	1.80	1.43	1.19	1.09	1.07	1.08	0.97	1.10	1.23	1.55	1.57	1.54	1.60	1.62	1.71	1.71	1.66	1.64	1.57	1.54	2.25	1.94	2.10	2.10
	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
N.Y.C.	35.32	30.24	24.59	23.28	22.48	23.00	23.01	26.99	35.10	37.08	40.36	40.79	44.61	47.32	47.16	47.13	47.17	44.61	43.73	46.29	46.82	46.17	42.92	39.85
61761	2.62	2.12	1.74	1.62	1.59	1.61	1.49	1.66	1.78	2.26	2.30	2.33	2.35	2.37	2.47	2.49	2.42	2.38	2.32	2.30	3.17	2.80	3.01	2.99
	-0.57	0.00	0.00	0.00	0.00	0.00	0.00	-1.69	-11.12	-7.07	-9.70	-9.86	-13.63	-16.49	-15.97	-15.47	-15.82	-13.62	-12.60	-15.48	-8.14	-10.73	-4.56	-1.34
NORTH	32.04	28.05	22.80	21.63	20.84	21.38	21.89	24.11	22.32	27.87	28.44	28.58	28.61	28.43	28.69	29.20	29.03	28.72	28.91	28.61	35.43	32.40	35.14	35.27
61755	-0.09	-0.07	-0.05	-0.03	-0.05	-0.01	0.37	0.47	0.12	0.12	0.08	-0.02	-0.02	-0.03	-0.03	0.03	0.10	0.11	0.10	0.10	-0.08	-0.24	-0.21	-0.25
	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	33.54	29.27	23.83	22.53	21.75	22.27	22.29	24.49	23.13	29.00	29.64	29.89	29.95	29.74	30.07	30.51	30.26	29.90	30.08	29.76	37.36	34.24	37.05	37.23
61845	1.41	1.15	0.98	0.87	0.86	0.88	0.77	0.85	0.93	1.25	1.28	1.29	1.32	1.28	1.35	1.34	1.33	1.29	1.27	1.25	1.85	1.60	1.70	1.71
	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 61846	29.82 <span>-2.31</span> <span>0.00</span>	26.21 <span>-1.91</span> <span>0.00</span>	21.16 <span>-1.69</span> <span>0.00</span>	20.10 <span>-1.56</span> <span>0.00</span>	19.47 <span>-1.42</span> <span>0.00</span>	19.79 <span>-1.60</span> <span>0.00</span>	19.07 <span>-2.45</span> <span>0.00</span>	20.52 <span>-3.12</span> <span>0.00</span>	20.02 <span>-2.18</span> <span>0.00</span>	24.56 <span>-3.19</span> <span>0.00</span>	25.04 <span>-3.32</span> <span>0.00</span>	25.65 <span>-2.95</span> <span>0.00</span>	25.45 <span>-3.18</span> <span>0.00</span>	25.30 <span>-3.16</span> <span>0.00</span>	25.50 <span>-3.22</span> <span>0.00</span>	25.84 <span>-3.33</span> <span>0.00</span>	25.46 <span>-3.47</span> <span>0.00</span>	25.32 <span>-3.29</span> <span>0.00</span>	25.76 <span>-3.05</span> <span>0.00</span>	25.66 <span>-2.85</span> <span>0.00</span>	31.50 <span>-4.01</span> <span>0.00</span>	29.80 <span>-2.84</span> <span>0.00</span>	32.70 <span>-2.65</span> <span>0.00</span>	33.07 <span>-2.45</span> <span>0.00</span>
PJM 61847	10.00 <span>-3.66</span> <span>18.47</span>	18.00 <span>-3.18</span> <span>6.94</span>	17.00 <span>-2.70</span> <span>3.15</span>	16.99 <span>-2.56</span> <span>2.11</span>	17.00 <span>-2.34</span> <span>1.55</span>	17.91 <span>-2.48</span> <span>1.00</span>	17.64 <span>-2.88</span> <span>1.00</span>	20.33 <span>-3.31</span> <span>0.00</span>	19.87 <span>-2.33</span> <span>0.00</span>	24.73 <span>-3.02</span> <span>0.00</span>	25.33 <span>-3.03</span> <span>0.00</span>	26.40 <span>-2.20</span> <span>0.00</span>	26.34 <span>-2.29</span> <span>0.00</span>	26.15 <span>-2.31</span> <span>0.00</span>	26.37 <span>-2.35</span> <span>0.00</span>	26.75 <span>-2.42</span> <span>0.00</span>	26.47 <span>-2.46</span> <span>0.00</span>	26.24 <span>-2.37</span> <span>0.00</span>	26.56 <span>-2.25</span> <span>0.00</span>	26.00 <span>-2.51</span> <span>0.00</span>	32.21 <span>-3.30</span> <span>0.00</span>	23.99 <span>-3.17</span> <span>5.48</span>	20.00 <span>-3.71</span> <span>11.64</span>	18.00 <span>-3.69</span> <span>13.83</span>
WEST 61752	29.57 <span>-2.56</span> <span>0.00</span>	25.99 <span>-2.13</span> <span>0.00</span>	20.96 <span>-1.89</span> <span>0.00</span>	19.90 <span>-1.76</span> <span>0.00</span>	19.31 <span>-1.58</span> <span>0.00</span>	19.61 <span>-1.78</span> <span>0.00</span>	18.98 <span>-2.54</span> <span>0.00</span>	20.46 <span>-3.18</span> <span>0.00</span>	20.03 <span>-2.17</span> <span>0.00</span>	24.59 <span>-3.16</span> <span>0.00</span>	25.10 <span>-3.26</span> <span>0.00</span>	25.82 <span>-2.78</span> <span>0.00</span>	25.63 <span>-3.00</span> <span>0.00</span>	25.48 <span>-2.98</span> <span>0.00</span>	25.70 <span>-3.02</span> <span>0.00</span>	26.05 <span>-3.12</span> <span>0.00</span>	25.67 <span>-3.26</span> <span>0.00</span>	25.53 <span>-3.08</span> <span>0.00</span>	25.96 <span>-2.85</span> <span>0.00</span>	25.77 <span>-2.74</span> <span>0.00</span>	31.68 <span>-3.83</span> <span>0.00</span>	29.83 <span>-2.81</span> <span>0.00</span>	32.59 <span>-2.76</span> <span>0.00</span>	32.89 <span>-2.63</span> <span>0.00</span>