

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/06/2003

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	29.21	23.96	22.20	21.36	21.99	32.09	44.52	46.83	51.19	49.94	52.01	49.04	49.47	49.39	49.35	47.74	48.65	49.75	53.15	56.69	54.31	49.82	44.07	41.29
61757	1.15	0.86	0.81	0.76	0.80	1.24	1.97	2.34	2.40	2.54	2.56	2.58	2.57	2.53	2.53	2.43	2.48	2.66	2.98	3.42	3.17	2.68	2.27	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.20	22.44	20.80	20.04	20.59	29.96	41.75	43.67	47.63	46.29	48.33	45.49	46.05	46.08	45.98	44.49	45.33	46.21	49.25	52.63	50.30	46.17	40.83	38.28
61754	-0.86	-0.66	-0.59	-0.56	-0.60	-0.89	-0.80	-0.82	-1.16	-1.11	-1.12	-0.97	-0.85	-0.78	-0.84	-0.82	-0.84	-0.88	-0.92	-0.64	-0.84	-0.97	-0.97	-1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.55	24.23	22.40	21.55	22.19	32.39	44.90	47.39	52.12	51.01	53.16	50.22	50.77	50.77	50.73	49.23	50.09	50.89	53.96	57.48	55.03	50.64	44.74	42.13
61760	1.49	1.13	1.01	0.95	1.00	1.54	2.17	2.76	3.27	3.46	3.71	3.76	3.71	3.75	3.79	3.72	3.74	3.67	3.76	4.21	3.89	3.44	2.68	2.37
	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.14	-0.06	-0.15	0.00	0.00	-0.16	-0.16	-0.12	-0.20	-0.18	-0.13	-0.03	0.00	0.00	-0.06	-0.26	-0.26
GENESE	27.93	23.28	21.58	20.77	21.33	30.75	42.74	44.83	48.32	46.99	49.10	46.17	46.66	46.76	46.60	45.06	45.91	46.63	49.59	53.29	50.72	46.73	41.46	38.39
61753	-0.13	0.18	0.19	0.17	0.14	-0.10	0.19	0.34	-0.47	-0.41	-0.35	-0.29	-0.24	-0.10	-0.22	-0.25	-0.26	-0.46	-0.58	0.02	-0.42	-0.41	-0.34	-1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.12	23.17	21.43	20.64	21.25	30.94	42.51	44.22	48.55	47.12	49.15	46.04	46.48	46.44	46.40	44.90	45.75	46.71	49.82	52.63	50.63	46.81	41.63	39.54
61844	0.06	0.07	0.04	0.04	0.06	0.09	-0.04	-0.27	-0.24	-0.28	-0.30	-0.42	-0.42	-0.42	-0.42	-0.41	-0.42	-0.38	-0.35	-0.64	-0.51	-0.33	-0.17	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.17	23.96	22.13	21.32	21.94	32.01	44.09	46.63	51.28	50.11	52.36	49.53	49.88	49.90	49.89	48.32	49.20	49.97	53.16	56.64	54.26	49.88	43.85	41.37
61758	1.11	0.86	0.74	0.72	0.75	1.16	1.54	2.14	2.49	2.71	2.91	3.07	2.98	3.04	3.07	3.01	3.03	2.88	2.99	3.37	3.12	2.74	2.05	1.87
	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
LONGIL	30.08	24.68	22.79	21.94	22.61	33.10	45.42	47.85	52.74	55.91	57.55	55.26	55.77	55.81	55.73	54.41	55.15	55.81	58.40	61.40	59.36	55.62	48.75	42.89
61762	2.02	1.58	1.40	1.34	1.42	2.25	2.68	3.21	3.88	4.02	4.06	4.28	4.24	4.32	4.36	4.21	4.25	4.19	4.35	4.85	4.48	3.98	3.30	3.10
	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-0.15	-0.07	-4.49	-4.04	-4.52	-4.63	-4.63	-4.55	-4.89	-4.73	-4.53	-3.88	-3.28	-3.74	-4.50	-3.65	-0.29
MHK VL	27.93	23.00	21.29	20.50	21.10	30.70	42.65	44.61	48.82	47.72	49.79	46.66	46.90	46.87	46.79	45.27	46.16	47.16	50.49	53.82	51.55	47.23	41.72	39.27
61756	-0.13	-0.10	-0.10	-0.10	-0.09	-0.15	0.10	0.12	0.03	0.32	0.34	0.20	0.00	0.01	-0.03	-0.04	-0.01	0.07	0.32	0.55	0.41	0.09	-0.08	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.17	23.92	22.11	21.29	21.91	31.97	44.14	46.65	51.35	50.19	52.44	49.55	49.90	49.93	49.93	48.37	49.21	50.05	53.23	56.73	54.31	49.87	43.87	41.30
61759	1.11	0.82	0.72	0.69	0.72	1.12	1.59	2.16	2.56	2.79	2.99	3.09	3.00	3.07	3.11	3.06	3.04	2.96	3.06	3.46	3.17	2.73	2.07	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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.	29.95	24.55	22.67	21.83	22.48	32.84	53.49	54.71	59.21	60.67	62.15	62.63	60.49	60.47	59.73	60.38	60.43	59.92	59.56	60.69	57.79	55.55	56.37	54.25
61761	1.86	1.45	1.28	1.23	1.29	1.99	2.63	3.32	3.83	4.02	4.28	4.31	4.22	4.28	4.33	4.23	4.26	4.21	4.35	4.84	4.50	3.96	3.15	2.81
	-0.03	0.00	0.00	0.00	0.00	0.00	-8.31	-6.90	-6.59	-9.25	-8.42	-11.86	-9.37	-9.33	-8.58	-10.84	-10.00	-8.62	-5.04	-2.58	-2.15	-4.45	-11.42	-11.94
NORTH	28.01	23.10	21.35	20.56	21.16	30.76	42.41	43.97	48.30	46.89	48.98	45.67	46.07	46.01	45.99	44.47	45.38	46.38	49.58	52.40	50.38	46.50	41.35	39.33
61755	-0.05	0.00	-0.04	-0.04	-0.03	-0.09	-0.14	-0.52	-0.49	-0.51	-0.47	-0.79	-0.83	-0.85	-0.83	-0.84	-0.79	-0.71	-0.59	-0.87	-0.76	-0.64	-0.45	-0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.07	23.86	22.10	21.28	21.89	31.93	44.12	46.49	51.03	49.77	51.92	48.97	49.39	49.34	49.30	47.76	48.62	49.59	52.78	56.25	53.90	49.54	43.68	41.12
61845	1.01	0.76	0.71	0.68	0.70	1.08	1.57	2.00	2.24	2.37	2.47	2.51	2.49	2.48	2.48	2.45	2.45	2.50	2.61	2.98	2.76	2.40	1.88	1.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.90 <span>-2.16</span> <span>0.00</span>	21.53 <span>-1.57</span> <span>0.00</span>	20.00 <span>-1.39</span> <span>0.00</span>	19.26 <span>-1.34</span> <span>0.00</span>	19.71 <span>-1.48</span> <span>0.00</span>	28.47 <span>-2.38</span> <span>0.00</span>	38.59 <span>-3.96</span> <span>0.00</span>	40.84 <span>-3.65</span> <span>0.00</span>	43.91 <span>-4.88</span> <span>0.00</span>	42.14 <span>-5.26</span> <span>0.00</span>	44.01 <span>-5.44</span> <span>0.00</span>	41.30 <span>-5.16</span> <span>0.00</span>	41.69 <span>-5.21</span> <span>0.00</span>	41.85 <span>-5.01</span> <span>0.00</span>	41.72 <span>-5.10</span> <span>0.00</span>	40.37 <span>-4.94</span> <span>0.00</span>	41.04 <span>-5.13</span> <span>0.00</span>	41.72 <span>-5.37</span> <span>0.00</span>	44.25 <span>-5.92</span> <span>0.00</span>	47.57 <span>-5.70</span> <span>0.00</span>	45.11 <span>-6.03</span> <span>0.00</span>	41.95 <span>-5.19</span> <span>0.00</span>	37.62 <span>-4.18</span> <span>0.00</span>	35.15 <span>-4.35</span> <span>0.00</span>
PJM 61847	20.00 <span>-3.68</span> <span>4.38</span>	19.90 <span>-2.98</span> <span>0.22</span>	18.65 <span>-2.74</span> <span>0.00</span>	17.96 <span>-2.64</span> <span>0.00</span>	18.43 <span>-2.76</span> <span>0.00</span>	26.90 <span>-3.95</span> <span>0.00</span>	37.40 <span>-5.15</span> <span>0.00</span>	40.00 <span>-4.49</span> <span>0.00</span>	42.84 <span>-5.95</span> <span>0.00</span>	41.52 <span>-5.88</span> <span>0.00</span>	43.32 <span>-6.13</span> <span>0.00</span>	40.79 <span>-5.67</span> <span>0.00</span>	41.13 <span>-5.77</span> <span>0.00</span>	41.38 <span>-5.48</span> <span>0.00</span>	41.34 <span>-5.48</span> <span>0.00</span>	40.24 <span>-5.07</span> <span>0.00</span>	40.63 <span>-5.54</span> <span>0.00</span>	41.39 <span>-5.70</span> <span>0.00</span>	43.90 <span>-6.27</span> <span>0.00</span>	47.57 <span>-5.70</span> <span>0.00</span>	44.90 <span>-6.24</span> <span>0.00</span>	40.78 <span>-6.36</span> <span>0.00</span>	34.42 <span>-5.98</span> <span>1.40</span>	24.88 <span>-5.81</span> <span>8.81</span>
WEST 61752	25.76 <span>-2.30</span> <span>0.00</span>	21.39 <span>-1.71</span> <span>0.00</span>	19.86 <span>-1.53</span> <span>0.00</span>	19.12 <span>-1.48</span> <span>0.00</span>	19.58 <span>-1.61</span> <span>0.00</span>	28.35 <span>-2.50</span> <span>0.00</span>	38.52 <span>-4.03</span> <span>0.00</span>	40.85 <span>-3.64</span> <span>0.00</span>	43.84 <span>-4.95</span> <span>0.00</span>	42.14 <span>-5.26</span> <span>0.00</span>	44.03 <span>-5.42</span> <span>0.00</span>	41.33 <span>-5.13</span> <span>0.00</span>	41.71 <span>-5.19</span> <span>0.00</span>	41.89 <span>-4.97</span> <span>0.00</span>	41.77 <span>-5.05</span> <span>0.00</span>	40.44 <span>-4.87</span> <span>0.00</span>	41.09 <span>-5.08</span> <span>0.00</span>	41.75 <span>-5.34</span> <span>0.00</span>	44.28 <span>-5.89</span> <span>0.00</span>	47.73 <span>-5.54</span> <span>0.00</span>	45.10 <span>-6.04</span> <span>0.00</span>	41.84 <span>-5.30</span> <span>0.00</span>	37.36 <span>-4.44</span> <span>0.00</span>	34.91 <span>-4.59</span> <span>0.00</span>