

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/09/2003

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	33.03	26.18	21.83	21.06	22.87	34.96	47.11	50.01	52.22	50.14	51.13	51.02	50.37	50.55	49.57	49.66	49.30	48.16	53.27	56.33	53.29	48.36	42.77	39.16
61757	1.00	0.71	0.60	0.61	0.69	1.16	1.72	1.75	1.91	1.96	1.98	1.98	1.91	1.90	1.82	1.79	1.83	1.75	1.99	2.61	2.00	2.02	1.69	1.29
	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
CENTRL	31.29	24.90	20.75	20.00	21.70	33.00	44.69	47.97	49.96	47.62	48.50	48.40	47.93	48.10	47.20	47.26	46.96	45.68	50.89	53.70	50.89	45.70	40.16	36.73
61754	-0.74	-0.57	-0.48	-0.45	-0.48	-0.80	-0.70	-0.29	-0.35	-0.56	-0.65	-0.64	-0.53	-0.55	-0.55	-0.61	-0.51	-0.73	-0.39	-0.02	-0.40	-0.64	-0.92	-1.14
	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	0.00	0.00	0.00
DUNWOD	33.28	26.28	21.97	21.15	22.98	35.08	47.30	50.26	52.49	50.68	51.96	51.90	51.21	51.45	50.56	50.80	50.38	49.22	53.82	57.10	54.04	49.08	43.56	40.16
61760	1.25	0.81	0.74	0.70	0.80	1.28	1.91	1.93	2.16	2.51	2.70	2.75	2.62	2.68	2.67	2.78	2.75	2.65	2.51	3.38	2.72	2.64	2.26	2.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.02	0.01	-0.11	-0.11	-0.13	-0.12	-0.14	-0.15	-0.16	-0.16	-0.03	0.00	-0.03	-0.10	-0.22	-0.24
GENESE	32.26	25.88	21.54	20.83	22.59	33.83	46.08	49.72	51.73	49.12	49.97	49.94	49.55	49.81	48.76	48.73	48.66	46.84	52.89	55.11	52.70	47.20	41.43	37.18
61753	0.23	0.41	0.31	0.38	0.41	0.03	0.69	1.46	1.42	0.94	0.82	0.90	1.09	1.16	1.01	0.86	1.19	0.43	1.61	1.39	1.41	0.86	0.35	-0.69
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	32.16	25.62	21.34	20.55	22.27	33.94	45.44	48.02	50.06	47.94	48.95	48.79	48.22	48.41	47.51	47.63	47.19	46.22	51.02	53.08	51.08	46.06	41.08	38.02
61844	0.13	0.15	0.11	0.10	0.09	0.14	0.05	-0.24	-0.25	-0.24	-0.20	-0.25	-0.24	-0.24	-0.24	-0.24	-0.28	-0.19	-0.26	-0.64	-0.21	-0.28	0.00	0.15
	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	0.00	0.00
HUD VL	32.77	25.94	21.69	20.86	22.66	34.62	46.71	49.38	51.61	49.83	50.99	50.88	50.20	50.41	49.52	49.72	49.32	48.21	52.91	56.03	53.01	48.06	42.51	39.37
61758	0.74	0.47	0.46	0.41	0.48	0.82	1.32	1.12	1.30	1.65	1.84	1.84	1.74	1.76	1.77	1.85	1.85	1.80	1.63	2.31	1.72	1.72	1.43	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.85	26.75	22.31	21.44	23.34	35.85	47.58	50.96	53.18	55.68	57.01	56.92	56.47	56.72	55.97	56.05	55.77	54.83	58.61	62.71	58.81	54.68	48.43	42.76
61762	1.82	1.28	1.08	0.99	1.16	2.05	2.19	2.63	2.84	2.64	3.13	3.17	3.13	3.21	3.19	3.19	3.26	3.18	3.06	4.03	3.25	3.16	2.76	2.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.03	-4.86	-4.73	-4.71	-4.88	-4.86	-5.03	-4.99	-5.04	-5.24	-4.27	-4.96	-4.27	-5.18	-4.59	-2.19
MHK VL	32.06	25.51	21.25	20.46	22.19	33.86	45.79	48.62	50.71	48.62	49.60	49.46	48.90	49.01	48.16	48.28	47.78	46.70	51.86	54.57	51.95	46.65	41.22	37.84
61756	0.03	0.04	0.02	0.01	0.01	0.06	0.40	0.36	0.40	0.44	0.45	0.42	0.44	0.36	0.41	0.41	0.31	0.29	0.58	0.85	0.66	0.31	0.14	-0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.83	25.95	21.70	20.87	22.68	34.64	46.71	49.49	51.74	49.98	51.14	51.07	50.37	50.62	49.71	49.90	49.51	48.41	53.05	56.22	53.21	48.24	42.68	39.38
61759	0.80	0.48	0.47	0.42	0.50	0.84	1.32	1.23	1.43	1.80	1.99	2.03	1.91	1.97	1.96	2.03	2.04	2.00	1.77	2.50	1.89	1.90	1.60	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00
N.Y.C.	37.28	26.63	22.26	21.40	23.27	35.53	49.98	55.77	58.53	67.63	60.12	60.13	60.15	60.17	60.19	60.47	60.50	59.87	58.80	60.57	57.68	55.73	55.21	52.70
61761	1.70	1.16	1.03	0.95	1.09	1.73	2.48	2.59	2.86	3.18	3.35	3.38	3.27	3.33	3.31	3.39	3.39	3.26	3.24	4.14	3.41	3.21	2.74	2.52
	-3.55	0.00	0.00	0.00	0.00	0.00	-2.11	-4.92	-5.36	-16.27	-7.62	-7.71	-8.42	-8.19	-9.13	-9.21	-9.64	-10.20	-4.28	-2.71	-2.98	-6.18	-11.39	-12.31
NORTH	32.00	25.59	21.29	20.51	22.16	33.80	45.40	47.92	49.95	47.87	48.94	48.74	48.15	48.36	47.41	47.56	46.99	46.13	50.93	53.03	51.08	45.88	40.89	37.88
61755	-0.03	0.12	0.06	0.06	-0.02	0.00	0.01	-0.34	-0.36	-0.31	-0.21	-0.30	-0.31	-0.29	-0.34	-0.31	-0.48	-0.28	-0.35	-0.69	-0.21	-0.46	-0.19	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX	32.89	26.06	21.76	20.94	22.76	34.75	46.80	49.71	51.87	49.91	50.97	50.85	50.20	50.40	49.47	49.64	49.23	48.13	53.02	56.03	53.03	48.15	42.56	39.20
61845	0.86	0.59	0.53	0.49	0.58	0.95	1.41	1.45	1.56	1.73	1.82	1.81	1.74	1.75	1.72	1.77	1.76	1.72	1.74	2.31	1.74	1.81	1.48	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

PJM 61846	30.11 <span>-1.92</span> 0.00	24.17 <span>-1.30</span> 0.00	20.00 <span>-1.23</span> 0.00	19.39 <span>-1.06</span> 0.00	21.00 <span>-1.18</span> 0.00	31.54 <span>-2.26</span> 0.00	41.99 <span>-3.40</span> 0.00	46.57 <span>-1.69</span> 0.00	48.00 <span>-2.31</span> 0.00	44.90 <span>-3.28</span> 0.00	45.56 <span>-3.59</span> 0.00	45.51 <span>-3.53</span> 0.00	45.21 <span>-3.25</span> 0.00	45.44 <span>-3.21</span> 0.00	44.55 <span>-3.20</span> 0.00	44.47 <span>-3.40</span> 0.00	44.57 <span>-2.90</span> 0.00	42.98 <span>-3.43</span> 0.00	48.66 <span>-2.62</span> 0.00	51.09 <span>-2.63</span> 0.00	48.21 <span>-3.08</span> 0.00	43.70 <span>-2.64</span> 0.00	38.25 <span>-2.83</span> 0.00	34.42 <span>-3.45</span> 0.00
PJM 61847	20.00 <span>-3.81</span> 8.22	16.62 <span>-2.88</span> 5.97	16.40 <span>-2.46</span> 2.37	16.43 <span>-2.33</span> 1.69	17.40 <span>-2.51</span> 2.27	27.53 <span>-4.12</span> 2.15	41.03 <span>-4.36</span> 0.00	46.38 <span>-1.88</span> 0.00	48.00 <span>-2.31</span> 0.00	44.66 <span>-3.52</span> 0.00	44.97 <span>-4.18</span> 0.00	44.82 <span>-4.22</span> 0.00	44.73 <span>-3.73</span> 0.00	44.90 <span>-3.75</span> 0.00	44.12 <span>-3.63</span> 0.00	44.09 <span>-3.78</span> 0.00	43.62 <span>-3.85</span> 0.00	42.00 <span>-4.41</span> 0.00	48.31 <span>-2.97</span> 0.00	52.43 <span>-1.29</span> 0.00	48.21 <span>-3.08</span> 0.00	42.40 <span>-3.94</span> 0.00	30.31 <span>-4.52</span> 6.25	20.43 <span>-5.11</span> 12.33
WEST 61752	29.92 <span>-2.11</span> 0.00	24.02 <span>-1.45</span> 0.00	19.88 <span>-1.35</span> 0.00	19.26 <span>-1.19</span> 0.00	20.89 <span>-1.29</span> 0.00	31.37 <span>-2.43</span> 0.00	41.99 <span>-3.40</span> 0.00	46.88 <span>-1.38</span> 0.00	48.35 <span>-1.96</span> 0.00	45.18 <span>-3.00</span> 0.00	45.74 <span>-3.41</span> 0.00	45.70 <span>-3.34</span> 0.00	45.46 <span>-3.00</span> 0.00	45.68 <span>-2.97</span> 0.00	44.77 <span>-2.98</span> 0.00	44.71 <span>-3.16</span> 0.00	44.84 <span>-2.63</span> 0.00	43.03 <span>-3.38</span> 0.00	49.12 <span>-2.16</span> 0.00	51.80 <span>-1.92</span> 0.00	48.56 <span>-2.73</span> 0.00	43.70 <span>-2.64</span> 0.00	38.13 <span>-2.95</span> 0.00	34.25 <span>-3.62</span> 0.00