

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/10/2004

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	39.66	34.02	31.54	30.58	30.88	33.05	41.29	47.21	53.50	54.91	56.50	54.31	54.11	52.65	49.07	48.03	48.04	48.76	53.79	58.29	58.24	53.64	46.46	41.32
61757	1.56	1.31	1.24	1.17	1.20	1.20	1.43	1.46	2.24	2.41	2.60	2.29	2.14	1.75	1.60	1.58	1.63	1.67	2.14	2.79	2.74	2.10	1.65	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.53	31.38	29.07	28.28	28.55	30.67	38.39	44.20	49.97	51.37	52.64	50.65	50.62	49.27	45.82	44.73	44.70	45.53	50.13	54.01	54.03	49.94	43.14	38.01
61754	-1.57	-1.33	-1.23	-1.13	-1.13	-1.18	-1.47	-1.55	-1.29	-1.13	-1.26	-1.37	-1.35	-1.63	-1.65	-1.72	-1.71	-1.56	-1.52	-1.49	-1.47	-1.60	-1.67	-1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.50	34.74	32.15	31.12	31.43	33.73	42.33	48.45	54.85	56.12	57.83	55.66	55.50	53.80	50.22	49.24	49.15	49.63	54.70	59.77	59.83	54.89	47.63	42.45
61760	2.40	2.03	1.85	1.71	1.75	1.88	2.47	2.70	3.59	3.62	3.93	3.64	3.53	2.90	2.75	2.79	2.74	2.54	3.05	4.27	4.33	3.35	2.82	-2.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	35.56	30.65	28.30	27.67	27.81	29.95	37.22	43.02	48.92	50.32	51.60	49.59	49.65	48.21	44.76	43.63	43.63	44.66	49.13	52.77	52.71	49.01	42.27	36.87
61753	-2.54	-2.06	-2.00	-1.74	-1.87	-1.90	-2.64	-2.73	-2.34	-2.18	-2.30	-2.43	-2.32	-2.69	-2.71	-2.82	-2.78	-2.43	-2.52	-2.73	-2.79	-2.53	-2.54	-2.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.06	32.68	30.27	29.38	29.65	31.82	39.50	46.14	51.20	51.50	53.25	51.50	51.50	50.85	47.52	46.50	46.46	47.14	51.50	54.83	54.83	51.23	44.72	39.59
61844	-0.04	-0.03	-0.03	-0.03	-0.03	-0.03	-0.04	0.05	-0.51	-0.63	-0.65	-0.52	-0.47	-0.05	0.05	0.05	0.05	0.05	-0.15	-0.67	-0.67	-0.31	-0.09	-0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.32	-0.34	-0.45	0.37	0.00	0.00	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	39.91	34.27	31.73	30.72	31.01	33.26	41.70	47.45	53.62	55.00	56.65	54.64	54.46	52.80	49.25	48.30	48.21	48.63	53.51	58.60	58.60	53.88	46.83	41.84
61758	1.81	1.56	1.43	1.31	1.33	1.41	1.84	1.70	2.36	2.50	2.75	2.62	2.49	1.90	1.78	1.85	1.80	1.54	1.86	3.10	3.10	2.34	2.02	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.69	35.59	32.89	31.79	32.11	34.50	43.25	48.54	55.23	57.02	58.74	56.47	56.30	54.48	50.89	49.85	49.79	50.33	57.23	61.49	60.67	55.67	47.81	42.91
61762	3.31	2.88	2.59	2.38	2.43	2.65	3.39	2.79	3.97	4.51	4.77	4.43	4.31	3.58	3.42	3.40	3.38	3.22	3.79	5.16	5.17	4.11	3.00	3.20
	-1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.07	-0.02	-0.02	0.00	0.00	0.00	0.00	-0.02	-1.79	-0.83	0.00	-0.02	0.00	0.00
MHK VL	37.84	32.47	30.06	29.17	29.44	31.65	39.65	45.52	51.09	52.43	53.80	51.89	51.77	50.67	47.24	46.22	46.19	46.92	51.57	55.41	55.39	51.35	44.56	39.41
61756	-0.26	-0.24	-0.24	-0.24	-0.24	-0.20	-0.21	-0.23	-0.17	-0.07	-0.10	-0.13	-0.20	-0.23	-0.23	-0.23	-0.22	-0.17	-0.08	-0.09	-0.11	-0.19	-0.25	-0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.95	34.29	31.74	30.72	31.00	33.28	41.77	47.71	54.00	55.31	56.97	54.88	54.72	53.06	49.51	48.56	48.47	48.95	53.89	58.91	58.94	54.11	47.00	41.89
61759	1.85	1.58	1.44	1.31	1.32	1.43	1.91	1.96	2.74	2.81	3.07	2.86	2.75	2.16	2.04	2.11	2.06	1.86	2.24	3.41	3.44	2.57	2.19	2.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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.	40.98	35.15	32.52	31.46	31.76	34.11	42.88	49.08	55.58	61.96	62.95	59.95	59.95	59.98	52.87	51.68	51.19	56.41	65.92	67.00	67.05	63.09	48.20	42.95
61761	2.88	2.44	2.22	2.05	2.08	2.26	3.02	3.33	4.32	4.37	4.64	4.37	4.21	3.59	3.36	3.38	3.34	3.18	3.66	4.97	4.99	3.99	3.39	3.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.09	-4.41	-3.56	-3.77	-5.49	-2.04	-1.85	-1.44	-6.14	-10.61	-6.53	-6.56	-7.56	0.00	0.00
NORTH	37.58	32.27	29.89	29.00	29.26	31.40	39.37	45.26	49.94	51.12	52.49	50.81	50.70	50.18	47.01	46.02	46.01	46.63	50.95	54.10	54.05	50.53	44.13	39.03
61755	-0.52	-0.44	-0.41	-0.41	-0.42	-0.45	-0.49	-0.49	-1.32	-1.38	-1.41	-1.21	-1.27	-0.72	-0.46	-0.43	-0.40	-0.46	-0.70	-1.40	-1.45	-1.01	-0.68	-0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.74	34.12	31.63	30.65	30.93	33.12	41.17	47.78	54.07	54.60	56.54	54.46	54.26	52.78	49.23	48.22	48.17	48.79	53.77	58.39	58.39	53.76	46.65	41.50
61845	1.64	1.41	1.33	1.24	1.25	1.27	1.63	1.69	2.36	2.47	2.64	2.44	2.29	1.88	1.76	1.77	1.76	1.70	2.12	2.89	2.89	2.22	1.84	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.32	-0.34	-0.45	0.37	0.00	0.00	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	33.07 <span>-5.03</span> <span>0.00</span>	28.39 <span>-4.32</span> <span>0.00</span>	26.42 <span>-3.88</span> <span>0.00</span>	26.00 <span>-3.41</span> <span>0.00</span>	26.00 <span>-3.68</span> <span>0.00</span>	27.96 <span>-3.89</span> <span>0.00</span>	34.00 <span>-5.54</span> <span>0.32</span>	40.01 <span>-6.08</span> <span>-0.34</span>	45.66 <span>-6.05</span> <span>-0.45</span>	46.09 <span>-6.04</span> <span>0.37</span>	47.70 <span>-6.20</span> <span>0.00</span>	45.73 <span>-6.29</span> <span>0.00</span>	45.99 <span>-5.98</span> <span>0.00</span>	44.54 <span>-6.36</span> <span>0.00</span>	41.25 <span>-6.22</span> <span>0.00</span>	40.18 <span>-6.27</span> <span>0.00</span>	40.14 <span>-6.27</span> <span>0.00</span>	41.30 <span>-5.79</span> <span>0.00</span>	45.24 <span>-6.41</span> <span>0.00</span>	48.45 <span>-7.05</span> <span>0.00</span>	48.51 <span>-6.99</span> <span>0.00</span>	45.46 <span>-6.08</span> <span>0.00</span>	39.39 <span>-5.42</span> <span>0.00</span>	34.11 <span>-5.60</span> <span>0.00</span>
PJM 61847	32.50 <span>-5.60</span> <span>0.00</span>	28.00 <span>-4.71</span> <span>0.00</span>	26.00 <span>-4.30</span> <span>0.00</span>	25.53 <span>-3.88</span> <span>0.00</span>	26.03 <span>-3.65</span> <span>0.00</span>	28.00 <span>-3.85</span> <span>0.00</span>	35.43 <span>-4.11</span> <span>0.32</span>	42.11 <span>-3.98</span> <span>-0.34</span>	48.17 <span>-3.54</span> <span>-0.45</span>	49.03 <span>-3.10</span> <span>0.37</span>	50.23 <span>-3.67</span> <span>0.00</span>	47.75 <span>-4.27</span> <span>0.00</span>	47.81 <span>-4.16</span> <span>0.00</span>	45.86 <span>-5.04</span> <span>0.00</span>	42.25 <span>-5.22</span> <span>0.00</span>	40.83 <span>-5.62</span> <span>0.00</span>	40.84 <span>-5.57</span> <span>0.00</span>	42.15 <span>-4.94</span> <span>0.00</span>	47.00 <span>-4.65</span> <span>0.00</span>	50.78 <span>-4.72</span> <span>0.00</span>	51.00 <span>-4.50</span> <span>0.00</span>	46.44 <span>-5.10</span> <span>0.00</span>	39.39 <span>-5.42</span> <span>0.00</span>	34.03 <span>-5.68</span> <span>0.00</span>
WEST 61752	32.91 <span>-5.19</span> <span>0.00</span>	28.34 <span>-4.37</span> <span>0.00</span>	26.37 <span>-3.93</span> <span>0.00</span>	25.95 <span>-3.46</span> <span>0.00</span>	26.06 <span>-3.62</span> <span>0.00</span>	28.01 <span>-3.84</span> <span>0.00</span>	34.57 <span>-5.29</span> <span>0.00</span>	40.11 <span>-5.64</span> <span>0.00</span>	45.78 <span>-5.48</span> <span>0.00</span>	47.15 <span>-5.35</span> <span>0.00</span>	48.31 <span>-5.59</span> <span>0.00</span>	46.20 <span>-5.82</span> <span>0.00</span>	46.47 <span>-5.50</span> <span>0.00</span>	44.86 <span>-6.04</span> <span>0.00</span>	41.50 <span>-5.97</span> <span>0.00</span>	40.33 <span>-6.12</span> <span>0.00</span>	40.34 <span>-6.07</span> <span>0.00</span>	41.52 <span>-5.57</span> <span>0.00</span>	45.67 <span>-5.98</span> <span>0.00</span>	48.98 <span>-6.52</span> <span>0.00</span>	49.09 <span>-6.41</span> <span>0.00</span>	45.73 <span>-5.81</span> <span>0.00</span>	39.43 <span>-5.38</span> <span>0.00</span>	34.02 <span>-5.69</span> <span>0.00</span>