

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/05/2003

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	49.73	28.99	28.68	27.20	28.95	32.67	49.38	52.97	53.72	53.30	55.17	55.76	55.18	55.80	54.71	54.65	55.79	53.64	51.04	52.81	54.65	53.27	42.66	34.15
61757	1.13	0.58	0.52	0.48	0.53	0.66	1.15	1.77	1.92	1.83	1.89	2.30	2.33	2.34	2.28	2.27	2.28	2.17	1.96	1.67	1.95	1.95	1.42	0.87
	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
CENTRL	46.65	27.39	27.16	25.78	27.39	30.77	46.92	50.74	51.09	50.94	53.00	53.16	52.42	53.00	51.89	51.73	52.99	50.79	48.13	50.43	52.26	51.05	40.35	31.80
61754	-1.95	-1.02	-1.00	-0.94	-1.03	-1.24	-1.31	-0.46	-0.71	-0.53	-0.28	-0.30	-0.43	-0.46	-0.54	-0.65	-0.52	-0.68	-0.95	-0.71	-0.44	-0.27	-0.89	-1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	51.47	30.00	29.65	28.11	29.93	33.80	50.88	54.99	55.68	55.69	57.60	57.84	57.24	57.90	56.78	56.83	58.01	55.69	53.10	55.23	57.02	55.89	44.95	35.51
61760	2.87	1.59	1.49	1.39	1.51	1.79	2.65	3.79	3.88	4.22	4.32	4.38	4.39	4.44	4.35	4.45	4.50	4.22	4.02	4.09	4.32	4.57	3.71	-2.23
	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
GENESE	45.04	26.54	26.32	24.99	26.57	29.98	45.34	49.50	49.76	49.74	51.88	52.06	51.18	51.90	50.80	50.55	51.92	49.60	46.88	49.23	50.99	50.43	39.68	31.20
61753	-3.56	-1.87	-1.84	-1.73	-1.85	-2.03	-2.89	-1.70	-2.04	-1.73	-1.40	-1.40	-1.67	-1.56	-1.63	-1.83	-1.59	-1.87	-2.20	-1.91	-1.71	-0.89	-1.56	-2.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.30	28.38	28.19	26.75	28.45	32.01	47.99	50.07	50.87	50.29	51.95	52.07	51.48	52.07	51.07	51.07	52.07	50.23	48.10	50.07	51.38	49.73	40.25	33.21
61844	-0.10	-0.03	0.03	0.03	0.03	0.00	-0.24	-1.13	-0.93	-1.18	-1.33	-1.39	-1.37	-1.39	-1.36	-1.31	-1.44	-1.24	-0.98	-1.07	-1.32	-1.59	-0.99	-0.07
	18.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	51.15	29.83	29.49	27.98	29.76	33.62	50.47	54.43	55.06	55.06	56.86	57.07	56.46	57.13	56.05	56.09	57.21	54.94	52.50	54.61	56.44	55.26	44.54	35.17
61758	2.55	1.42	1.33	1.26	1.34	1.61	2.24	3.23	3.26	3.59	3.58	3.61	3.61	3.67	3.62	3.71	3.70	3.47	3.42	3.47	3.74	3.94	3.30	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.37	49.83	34.88	41.91	30.52	50.30	53.15	57.62	59.60	85.55	100.70	100.77	100.61	100.24	82.36	74.55	103.75	109.56	93.43	100.54	100.54	100.51	57.48	53.95
61762	3.77	2.23	2.14	2.02	2.10	2.55	3.74	4.89	5.04	5.37	5.19	5.16	5.15	5.51	5.42	5.52	5.52	5.22	4.97	4.84	5.18	5.44	4.51	2.91
	0.00	-19.19	-4.58	-13.17	0.00	-15.74	-1.18	-1.53	-2.76	-28.71	-42.23	-42.15	-42.61	-41.27	-24.51	-16.65	-44.72	-52.87	-39.38	-44.56	-42.66	-43.75	-11.73	-17.76
MHK VL	48.41	28.31	28.06	26.62	28.33	31.94	48.39	51.67	52.31	52.02	53.91	54.09	53.38	53.96	52.90	52.74	53.92	51.88	49.45	51.57	53.30	51.76	41.34	33.16
61756	-0.19	-0.10	-0.10	-0.10	-0.09	-0.07	0.16	0.47	0.51	0.55	0.63	0.63	0.53	0.50	0.47	0.36	0.41	0.41	0.37	0.43	0.60	0.44	0.10	-0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	50.91	29.66	29.31	27.82	29.61	33.45	50.30	54.29	54.98	55.04	56.87	57.12	56.47	57.17	56.07	56.12	57.23	54.99	52.47	54.54	56.34	55.19	44.42	35.11
61759	2.31	1.25	1.15	1.10	1.19	1.44	2.07	3.09	3.18	3.57	3.59	3.66	3.62	3.71	3.64	3.74	3.72	3.52	3.39	3.40	3.64	3.87	3.18	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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.	52.02	30.28	29.93	28.39	30.22	34.16	51.38	58.14	65.64	67.00	62.71	62.83	62.51	62.87	62.36	62.38	62.91	61.79	60.51	61.50	62.36	59.73	53.51	42.37
61761	3.42	1.87	1.77	1.67	1.80	2.15	3.15	4.33	4.48	4.87	4.94	5.01	4.99	5.06	5.02	5.12	5.10	4.85	4.65	4.68	4.91	5.23	4.23	2.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.61	-9.36	-10.66	-4.49	-4.36	-4.67	-4.35	-4.91	-4.88	-4.30	-5.47	-6.78	-5.68	-4.75	-3.18	-8.04	-6.46
NORTH	48.07	28.14	27.94	26.52	28.21	31.74	47.58	49.53	50.51	49.81	51.43	51.50	50.90	51.48	50.53	50.48	51.39	49.65	47.66	49.57	50.80	48.89	39.66	32.93
61755	-0.53	-0.27	-0.22	-0.20	-0.21	-0.27	-0.65	-1.67	-1.29	-1.66	-1.85	-1.96	-1.95	-1.98	-1.90	-1.90	-2.12	-1.82	-1.42	-1.57	-1.90	-2.43	-1.58	-0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.25	29.40	29.09	27.60	29.36	33.16	49.97	53.61	54.34	54.15	56.00	56.35	55.76	56.40	55.31	55.31	56.45	54.25	51.68	53.65	55.49	54.19	43.51	34.71
61845	1.85	0.99	0.93	0.88	0.94	1.15	1.74	2.41	2.54	2.68	2.72	2.89	2.91	2.94	2.88	2.93	2.94	2.78	2.60	2.51	2.79	2.87	2.27	1.43
	18.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.86 <span>-5.24</span>	25.17 <span>-3.24</span>	25.01 <span>-3.15</span>	23.75 <span>-2.97</span>	25.21 <span>-3.21</span>	28.30 <span>-3.71</span>	42.78 <span>-5.45</span>	47.26 <span>-3.94</span>	46.78 <span>-5.02</span>	46.94 <span>-4.53</span>	49.23 <span>-4.05</span>	49.29 <span>-4.17</span>	48.52 <span>-4.33</span>	49.45 <span>-4.01</span>	48.34 <span>-4.09</span>	48.03 <span>-4.35</span>	49.76 <span>-3.75</span>	47.46 <span>-4.01</span>	44.71 <span>-4.37</span>	47.15 <span>-3.99</span>	48.38 <span>-4.32</span>	48.81 <span>-2.51</span>	38.27 <span>-2.97</span>	29.49 <span>-3.79</span>
PJM 61847	25.01 <span>-5.39</span>	25.00 <span>-3.41</span>	24.98 <span>-3.18</span>	23.75 <span>-2.97</span>	24.98 <span>-3.44</span>	27.98 <span>-4.03</span>	45.00 <span>-3.23</span>	50.94 <span>-0.26</span>	51.28 <span>-0.52</span>	51.52 <span>0.05</span>	54.29 <span>1.01</span>	54.42 <span>0.96</span>	53.33 <span>0.48</span>	54.10 <span>0.64</span>	52.90 <span>0.47</span>	52.54 <span>0.16</span>	53.99 <span>0.48</span>	51.37 <span>-0.10</span>	47.90 <span>-1.18</span>	51.24 <span>0.10</span>	53.23 <span>0.53</span>	51.99 <span>0.67</span>	39.63 <span>-1.61</span>	29.39 <span>-3.89</span>
WEST 61752	43.39 <span>-5.21</span>	25.34 <span>-3.07</span>	25.19 <span>-2.97</span>	23.95 <span>-2.77</span>	25.37 <span>-3.05</span>	28.44 <span>-3.57</span>	43.63 <span>-4.60</span>	48.51 <span>-2.69</span>	48.21 <span>-3.59</span>	48.46 <span>-3.01</span>	50.94 <span>-2.34</span>	50.97 <span>-2.49</span>	50.13 <span>-2.72</span>	51.05 <span>-2.41</span>	49.87 <span>-2.56</span>	49.57 <span>-2.81</span>	51.17 <span>-2.34</span>	48.77 <span>-2.70</span>	45.80 <span>-3.28</span>	48.45 <span>-2.69</span>	49.85 <span>-2.85</span>	50.00 <span>-1.32</span>	38.93 <span>-2.31</span>	29.80 <span>-3.48</span>