

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/04/2003

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	50.21	30.74	29.39	28.57	22.94	28.74	26.59	36.33	38.42	44.12	49.42	50.78	44.63	40.45	38.65	38.85	38.49	39.60	44.19	48.50	56.37	52.00	39.27	25.86
61757	0.64	0.45	0.36	0.32	0.16	0.27	0.20	0.80	0.97	1.24	1.72	1.81	1.55	1.38	1.30	1.34	1.10	1.06	1.18	1.37	2.17	1.75	0.89	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
CENTRL	48.24	29.55	28.37	27.63	22.33	27.83	25.83	34.79	36.66	41.95	46.69	47.98	42.21	38.29	36.60	36.72	36.59	37.60	41.85	45.97	53.71	49.74	37.45	25.06
61754	-1.33	-0.74	-0.66	-0.62	-0.45	-0.64	-0.56	-0.74	-0.79	-0.93	-1.01	-0.99	-0.87	-0.78	-0.75	-0.79	-0.80	-0.94	-1.16	-1.16	-0.49	-0.51	-0.93	-0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	51.70	31.68	30.28	29.44	12.35	20.24	17.26	31.53	33.84	42.05	49.01	50.77	41.61	36.22	33.81	33.41	33.00	34.45	41.14	46.74	57.89	51.50	34.05	13.03
61760	2.13	1.39	1.25	1.19	0.75	1.05	1.03	1.95	2.10	2.49	3.01	3.13	2.71	2.46	2.35	2.48	2.32	2.20	2.45	2.64	3.69	3.12	2.07	0.87
	0.00	0.00	0.00	0.00	11.18	9.28	10.16	5.95	5.71	3.32	1.70	1.33	4.18	5.31	5.89	6.58	6.71	6.29	4.32	3.03	0.00	1.87	6.40	13.47
GENESE	48.16	29.73	28.49	27.75	22.51	27.95	25.70	34.59	36.45	41.22	45.88	47.18	41.69	37.98	36.40	36.45	36.41	37.32	41.10	45.12	53.37	49.61	37.31	24.89
61753	-1.41	-0.56	-0.54	-0.50	-0.27	-0.52	-0.69	-0.94	-1.00	-1.66	-1.82	-1.79	-1.39	-1.09	-0.95	-1.06	-0.98	-1.22	-1.91	-2.01	-0.83	-0.64	-1.07	-0.74
	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
H Q	30.14	30.14	28.91	28.14	22.76	28.44	26.42	35.14	37.00	42.37	46.94	48.14	42.35	38.41	36.71	36.87	36.87	38.15	42.67	46.66	52.84	49.14	37.54	26.31
61844	-0.10	-0.15	-0.12	-0.11	-0.02	-0.03	0.03	-0.39	-0.45	-0.51	-0.76	-0.83	-0.73	-0.66	-0.64	-0.64	-0.52	-0.39	-0.34	-0.47	-1.36	-1.11	-0.35	0.08
	19.33	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	0.49	-0.60	
HUD VL	51.17	31.37	30.00	29.16	20.61	27.09	24.80	35.79	37.83	44.10	49.72	51.19	44.30	39.82	37.89	38.00	37.68	38.86	44.01	48.54	57.24	52.32	38.65	23.14
61758	1.60	1.08	0.97	0.91	0.60	0.84	0.84	1.68	1.74	2.01	2.43	2.54	2.22	2.02	1.95	2.06	1.89	1.82	2.03	2.14	3.04	2.52	1.80	0.74
	0.00	0.00	0.00	0.00	2.77	2.22	2.43	1.42	1.36	0.79	0.41	0.32	1.00	1.27	1.41	1.57	1.60	1.50	1.03	0.73	0.00	0.45	1.53	23.00
LONGIL	52.48	32.31	31.03	30.08	49.91	51.80	54.34	54.61	57.70	59.90	68.06	67.61	67.65	68.08	68.08	60.42	63.54	63.39	75.18	74.59	103.52	72.27	57.47	55.22
61762	2.91	2.02	2.00	1.83	1.36	1.79	1.65	2.79	2.96	3.43	4.01	4.22	3.65	3.29	3.12	3.26	3.09	3.01	3.42	3.68	4.73	4.11	2.83	1.39
	0.00	0.00	0.00	0.00	-25.77	-21.54	-26.30	-16.29	-17.29	-13.59	-16.35	-14.42	-20.92	-25.72	-27.61	-19.65	-23.06	-21.84	-28.75	-23.78	-44.59	-17.91	-16.26	-28.20
MHK VL	49.48	30.20	28.94	28.17	22.72	28.39	26.38	35.51	37.47	42.96	47.81	49.05	43.14	39.10	37.36	37.51	37.42	38.58	43.10	47.27	54.60	50.52	38.43	25.66
61756	-0.09	-0.09	-0.09	-0.08	-0.06	-0.08	-0.01	-0.02	0.02	0.08	0.11	0.08	0.06	0.03	0.01	0.00	0.03	0.04	0.09	0.14	0.40	0.27	0.05	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	50.98	31.24	29.87	29.04	14.30	21.76	18.96	32.24	34.48	42.09	48.64	50.35	41.85	36.74	34.48	34.21	33.79	35.18	41.41	46.68	57.08	51.13	34.81	15.43
61759	1.41	0.95	0.84	0.79	0.43	0.68	0.66	1.45	1.58	1.85	2.30	2.44	2.10	1.90	1.82	1.94	1.75	1.65	1.84	1.97	2.88	2.37	1.53	0.52
	0.00	0.00	0.00	0.00	8.91	7.39	8.09	4.74	4.55	2.64	1.36	1.06	3.33	4.23	4.69	5.24	5.35	5.01	3.44	2.42	0.00	1.49	5.10	10.72
N.Y.C.	52.23	32.01	30.61	29.75	52.12	51.87	51.96	52.12	56.52	56.65	57.93	58.36	58.72	59.48	64.81	58.64	58.63	60.68	66.47	62.41	60.52	60.46	56.11	60.05
61761	2.66	1.72	1.58	1.50	1.01	1.37	1.34	2.37	2.56	3.00	3.59	3.73	3.23	2.93	2.80	2.94	2.75	2.65	2.94	3.18	4.28	3.71	2.53	1.14
	0.00	0.00	0.00	0.00	-28.33	-22.03	-24.23	-14.22	-16.51	-10.77	-6.64	-5.66	-12.41	-17.48	-24.66	-18.19	-18.49	-19.49	-20.52	-12.10	-2.04	-6.50	-15.20	-33.28
NORTH	48.92	29.77	28.59	27.82	22.51	28.11	26.25	34.56	36.45	41.68	46.21	47.31	41.65	37.76	36.08	36.19	36.37	37.72	42.33	46.22	52.10	48.42	37.60	25.58
61755	-0.65	-0.52	-0.44	-0.43	-0.27	-0.36	-0.14	-0.97	-1.00	-1.20	-1.49	-1.66	-1.43	-1.31	-1.27	-1.32	-1.02	-0.82	-0.68	-0.91	-2.10	-1.83	-0.78	-0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.53	31.17	29.81	28.98	23.75	29.12	26.97	36.88	38.95	44.68	50.04	51.42	45.19	40.98	39.18	39.39	39.04	40.12	44.77	49.06	56.96	52.56	39.27	26.77
61845	1.29	0.88	0.78	0.73	0.46	0.65	0.58	1.35	1.50	1.80	2.34	2.45	2.11	1.91	1.83	1.88	1.65	1.58	1.76	1.93	2.76	2.31	1.38	0.54
	19.33	0.00	0.00	0.00	-0.51	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	0.49	-0.60

H 61846	27.36 <del>-2.88</del> 19.33	28.71 <del>-1.58</del> 0.00	27.52 <del>-1.51</del> 0.00	26.81 <del>-1.44</del> 0.00	21.82 <del>-0.96</del> 0.00	27.02 <del>-1.45</del> 0.00	24.62 <del>-1.77</del> 0.00	33.43 <del>-2.10</del> 0.00	35.09 <del>-2.36</del> 0.00	39.75 <del>-3.13</del> 0.00	44.22 <del>-3.48</del> 0.00	45.44 <del>-3.53</del> 0.00	40.19 <del>-2.89</del> 0.00	36.49 <del>-2.58</del> 0.00	35.00 <del>-2.35</del> 0.00	35.00 <del>-2.51</del> 0.00	35.00 <del>-2.39</del> 0.00	35.69 <del>-2.85</del> 0.00	39.40 <del>-3.61</del> 0.00	43.17 <del>-3.96</del> 0.00	51.27 <del>-2.93</del> 0.00	47.94 <del>-2.31</del> 0.00	35.24 <del>-2.65</del> 0.49	24.54 <del>-1.69</del> -0.60
PJM 61847	27.12 <del>-3.12</del> 19.33	28.11 <del>-2.18</del> 0.00	27.00 <del>-2.03</del> 0.00	26.39 <del>-1.86</del> 0.00	21.53 <del>-1.25</del> 0.00	26.65 <del>-1.82</del> 0.00	25.18 <del>-1.21</del> 0.00	34.71 <del>-0.82</del> 0.00	36.78 <del>-0.67</del> 0.00	42.15 <del>-0.73</del> 0.00	46.60 <del>-1.10</del> 0.00	47.94 <del>-1.03</del> 0.00	42.00 <del>-1.08</del> 0.00	38.17 <del>-0.90</del> 0.00	36.53 <del>-0.82</del> 0.00	36.65 <del>-0.86</del> 0.00	36.31 <del>-1.08</del> 0.00	36.92 <del>-1.62</del> 0.00	40.86 <del>-2.15</del> 0.00	45.24 <del>-1.89</del> 0.00	53.87 <del>-0.33</del> 0.00	49.65 <del>-0.60</del> 0.00	35.78 <del>-2.11</del> 0.49	25.00 <del>-1.23</del> -0.60
WEST 61752	47.14 <del>-2.43</del> 0.00	28.91 <del>-1.38</del> 0.00	27.72 <del>-1.31</del> 0.00	27.03 <del>-1.22</del> 0.00	21.98 <del>-0.80</del> 0.00	27.21 <del>-1.26</del> 0.00	24.96 <del>-1.43</del> 0.00	33.99 <del>-1.54</del> 0.00	35.69 <del>-1.76</del> 0.00	40.66 <del>-2.22</del> 0.00	45.19 <del>-2.51</del> 0.00	46.47 <del>-2.50</del> 0.00	41.03 <del>-2.05</del> 0.00	37.27 <del>-1.80</del> 0.00	35.72 <del>-1.63</del> 0.00	35.75 <del>-1.76</del> 0.00	35.68 <del>-1.71</del> 0.00	36.32 <del>-2.22</del> 0.00	40.15 <del>-2.86</del> 0.00	44.06 <del>-3.07</del> 0.00	52.45 <del>-1.75</del> 0.00	48.95 <del>-1.30</del> 0.00	36.27 <del>-2.11</del> 0.00	24.30 <del>-1.33</del> 0.00