

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/15/2003

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	42.46	39.41	34.00	33.26	33.18	40.73	51.50	53.00	53.38	52.93	54.22	52.52	50.85	49.81	48.68	48.36	48.15	48.16	50.11	54.16	57.72	47.49	42.04	44.34
61757	1.34	1.21	0.87	1.04	1.03	1.21	1.75	1.83	1.98	2.05	2.20	2.19	2.04	1.98	1.98	2.00	1.88	1.89	1.71	1.93	2.29	1.72	1.62	1.57
	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
CENTRL	39.35	36.48	31.51	30.69	30.63	37.82	48.02	50.03	50.19	49.58	51.01	49.39	47.64	46.65	45.53	45.22	45.21	45.25	47.33	51.08	54.31	44.79	39.16	40.64
61754	-1.77	-1.72	-1.62	-1.53	-1.52	-1.70	-1.73	-1.14	-1.21	-1.30	-1.01	-0.94	-1.17	-1.18	-1.17	-1.14	-1.06	-1.02	-1.07	-1.15	-1.12	-0.98	-1.26	-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
DUNWOD	44.25	41.18	35.38	34.77	34.66	42.44	53.48	55.62	57.53	62.09	67.68	67.65	67.61	67.62	67.46	66.18	66.73	67.46	67.22	67.18	66.94	61.80	50.01	46.49
61760	3.13	2.98	2.25	2.55	2.51	2.92	3.73	4.45	4.93	4.94	5.20	5.13	4.78	4.69	4.72	4.73	4.53	4.44	4.45	4.75	5.21	4.21	4.08	3.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-6.27	-10.46	-12.19	-14.02	-15.10	-16.04	-15.09	-15.93	-16.75	-14.37	-10.20	-6.30	-11.82	-5.51	0.00
GENESE	38.85	36.07	31.12	30.31	30.28	37.57	47.36	49.55	49.53	49.06	50.59	49.02	46.84	45.86	44.70	44.49	44.55	44.67	46.63	50.56	53.73	44.66	39.04	39.68
61753	-2.27	-2.13	-2.01	-1.91	-1.87	-1.95	-2.39	-1.62	-1.87	-1.82	-1.43	-1.31	-1.97	-1.97	-2.00	-1.87	-1.72	-1.60	-1.77	-1.67	-1.70	-1.11	-1.38	-3.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.15	37.93	33.10	31.99	31.92	39.24	49.25	50.25	50.53	50.01	50.93	49.17	47.93	47.02	45.81	45.43	45.25	45.25	47.48	51.24	54.21	44.81	39.54	42.47
61844	-0.29	-0.27	-0.03	-0.23	-0.23	-0.28	-0.50	-0.92	-0.87	-0.87	-1.09	-1.16	-0.88	-0.81	-0.89	-0.93	-1.02	-1.02	-0.92	-0.99	-1.22	-0.96	-0.81	-0.30
	4.68	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	0.07	0.00	
HUD VL	43.86	40.80	35.18	34.46	34.36	42.11	52.95	54.84	55.63	55.30	56.57	54.82	52.99	51.92	50.83	50.80	50.31	50.04	52.12	56.24	59.83	49.32	43.91	45.97
61758	2.74	2.60	2.05	2.24	2.21	2.59	3.20	3.67	4.23	4.29	4.55	4.49	4.18	4.09	4.13	4.13	3.82	3.77	3.72	4.01	4.40	3.55	3.49	3.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	-0.31	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	43.73	41.39	35.72	35.33	35.01	41.92	52.65	55.74	57.44	59.87	67.44	67.45	67.47	67.48	67.33	60.91	62.94	67.37	67.52	67.69	67.62	62.71	49.63	46.11
61762	2.61	3.19	2.59	3.11	2.86	2.40	2.90	4.57	4.84	4.85	4.96	4.93	4.64	4.55	4.59	4.39	4.25	4.35	4.75	5.26	5.89	5.12	4.08	3.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-4.14	-10.46	-12.19	-14.02	-15.10	-16.04	-10.16	-12.42	-16.75	-14.37	-10.20	-6.30	-11.82	-5.13	0.00
MHK VL	40.82	37.89	32.91	31.94	31.88	39.29	49.81	51.41	51.56	50.97	52.21	50.38	48.80	47.86	46.70	46.34	46.39	46.40	48.60	52.47	55.73	45.90	40.18	42.39
61756	-0.30	-0.31	-0.22	-0.28	-0.27	-0.23	0.06	0.24	0.16	0.09	0.19	0.05	-0.01	0.03	0.00	-0.02	0.12	0.13	0.20	0.24	0.30	0.13	-0.24	-0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.94	40.88	35.17	34.53	34.42	42.17	53.09	55.17	57.08	61.51	67.27	67.23	67.23	67.24	67.09	65.43	66.04	67.08	66.82	66.75	66.48	61.42	49.65	46.16
61759	2.82	2.68	2.04	2.31	2.27	2.65	3.34	4.00	4.48	4.51	4.79	4.71	4.40	4.31	4.35	4.34	4.10	4.06	4.05	4.32	4.75	3.83	3.75	3.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-6.12	-10.46	-12.19	-14.02	-15.10	-16.04	-14.73	-15.67	-16.75	-14.37	-10.20	-6.30	-11.82	-5.48	0.00
N.Y.C.	44.75	41.62	35.70	35.13	35.02	42.92	54.11	56.44	59.95	64.26	68.47	68.41	68.34	68.33	68.16	68.27	68.37	68.16	67.93	67.96	67.74	62.46	54.26	47.11
61761	3.63	3.42	2.57	2.91	2.87	3.40	4.36	5.27	5.69	5.70	5.99	5.89	5.51	5.40	5.42	5.34	5.12	5.14	5.16	5.53	6.01	4.87	4.66	4.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.86	-7.68	-10.46	-12.19	-14.02	-15.10	-16.04	-16.57	-16.98	-16.75	-14.37	-10.20	-6.30	-11.82	-9.18	0.00
NORTH	40.21	37.36	32.97	31.51	31.45	38.67	48.67	49.58	49.95	49.39	50.23	48.32	47.19	46.41	45.22	44.81	44.54	44.52	46.82	50.49	53.37	44.04	38.79	41.83
61755	-0.91	-0.84	-0.16	-0.71	-0.70	-0.85	-1.08	-1.59	-1.45	-1.49	-1.79	-2.01	-1.62	-1.42	-1.48	-1.55	-1.73	-1.75	-1.58	-1.74	-2.06	-1.73	-1.63	-0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.37	40.00	34.49	33.80	33.69	41.34	52.09	53.52	53.97	53.53	54.78	53.10	51.35	50.32	49.31	49.00	48.77	48.72	50.68	54.68	58.26	48.01	42.61	45.08
61845	1.93	1.80	1.36	1.58	1.54	1.82	2.34	2.35	2.57	2.65	2.76	2.77	2.54	2.49	2.61	2.64	2.50	2.45	2.28	2.45	2.83	2.24	2.26	2.31
	4.68	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	0.07	0.00

H 61846	32.94 <del>-3.50</del> 4.68	34.53 <del>-3.67</del> 0.00	29.78 <del>-3.35</del> 0.00	29.00 <del>-3.22</del> 0.00	29.00 <del>-3.15</del> 0.00	36.00 <del>-3.52</del> 0.00	44.63 <del>-5.12</del> 0.00	46.72 <del>-4.45</del> 0.00	46.26 <del>-5.14</del> 0.00	45.74 <del>-5.14</del> 0.00	47.34 <del>-4.68</del> 0.00	46.00 <del>-4.33</del> 0.00	44.22 <del>-4.59</del> 0.00	43.29 <del>-4.54</del> 0.00	42.12 <del>-4.58</del> 0.00	42.05 <del>-4.31</del> 0.00	42.01 <del>-4.26</del> 0.00	42.15 <del>-4.12</del> 0.00	44.00 <del>-4.40</del> 0.00	47.11 <del>-5.12</del> 0.00	50.05 <del>-5.38</del> 0.00	42.15 <del>-3.62</del> 0.00	36.99 <del>-3.36</del> 0.07	37.00 <del>-5.77</del> 0.00
PJM 61847	31.59 <del>-4.85</del> 4.68	33.50 <del>-4.70</del> 0.00	28.89 <del>-4.24</del> 0.00	28.19 <del>-4.03</del> 0.00	28.16 <del>-3.99</del> 0.00	35.05 <del>-4.47</del> 0.00	45.62 <del>-4.13</del> 0.00	49.58 <del>-1.59</del> 0.00	49.81 <del>-1.59</del> 0.00	48.44 <del>-2.44</del> 0.00	50.77 <del>-1.25</del> 0.00	49.27 <del>-1.06</del> 0.00	46.96 <del>-1.85</del> 0.00	45.92 <del>-1.91</del> 0.00	44.74 <del>-1.96</del> 0.00	44.46 <del>-1.90</del> 0.00	44.47 <del>-1.80</del> 0.00	44.51 <del>-1.76</del> 0.00	46.95 <del>-1.45</del> 0.00	50.45 <del>-1.78</del> 0.00	53.66 <del>-1.77</del> 0.00	43.94 <del>-1.83</del> 0.00	37.36 <del>-2.99</del> 0.07	37.17 <del>-5.60</del> 0.00
WEST 61752	37.70 <del>-3.42</del> 0.00	34.66 <del>-3.54</del> 0.00	29.88 <del>-3.25</del> 0.00	29.11 <del>-3.11</del> 0.00	29.10 <del>-3.05</del> 0.00	36.21 <del>-3.31</del> 0.00	45.32 <del>-4.43</del> 0.00	48.09 <del>-3.08</del> 0.00	47.81 <del>-3.59</del> 0.00	47.09 <del>-3.79</del> 0.00	48.92 <del>-3.10</del> 0.00	47.53 <del>-2.80</del> 0.00	45.59 <del>-3.22</del> 0.00	44.58 <del>-3.25</del> 0.00	43.41 <del>-3.29</del> 0.00	43.26 <del>-3.10</del> 0.00	43.24 <del>-3.03</del> 0.00	43.33 <del>-2.94</del> 0.00	45.27 <del>-3.13</del> 0.00	48.52 <del>-3.71</del> 0.00	51.57 <del>-3.86</del> 0.00	43.16 <del>-2.61</del> 0.00	37.67 <del>-2.75</del> 0.00	37.30 <del>-5.47</del> 0.00