

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/05/2004

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 61757	41.89	35.91	34.78	32.06	34.30	37.30	46.90	51.10	52.41	52.66	55.62	57.57	57.57	57.21	55.92	55.72	53.60	53.54	52.21	62.99	64.62	48.68	43.50	40.82
	1.20	1.12	1.12	1.07	1.06	1.28	1.48	1.93	2.10	2.15	2.29	2.41	2.36	2.26	2.21	2.08	1.98	2.00	1.93	2.47	2.46	1.88	1.69	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61754	39.53	33.73	32.62	30.02	32.31	35.18	44.63	49.12	50.26	50.11	52.98	54.76	54.78	54.64	53.43	53.42	51.68	51.76	50.46	61.65	63.39	47.14	41.86	39.25
	-1.16	-1.06	-1.04	-0.97	-0.93	-0.84	-0.79	-0.05	-0.05	-0.40	-0.35	-0.40	-0.43	-0.31	-0.28	-0.22	0.06	0.22	0.18	1.13	1.23	0.34	0.05	-0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61760	38.64	35.58	35.88	32.05	34.90	36.84	45.83	49.99	50.28	48.76	52.74	55.46	55.46	56.62	55.39	55.36	52.51	51.49	51.40	62.59	65.95	46.31	39.21	36.05
	2.60	2.30	2.22	1.74	1.66	2.13	2.63	3.29	3.57	3.74	3.89	4.08	4.03	4.07	3.76	3.76	3.67	3.61	3.57	3.93	3.79	3.28	3.01	2.34
	4.65	1.51	0.00	0.68	0.00	1.31	2.22	2.47	3.60	5.49	4.48	3.78	3.78	2.40	2.08	2.04	2.78	3.66	2.45	1.86	0.00	3.77	5.61	5.90
GENESE 61753	38.91	33.22	32.12	29.62	31.86	34.88	43.94	48.83	49.96	49.90	52.62	54.16	54.45	54.47	53.57	53.19	51.05	50.59	49.24	60.20	61.86	46.01	40.89	38.52
	-1.78	-1.57	-1.54	-1.37	-1.38	-1.14	-1.48	-0.34	-0.35	-0.61	-0.71	-1.00	-0.76	-0.48	-0.14	-0.45	-0.57	-0.95	-1.04	-0.32	-0.30	-0.79	-0.92	-1.09
	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 61844	34.06	34.14	33.12	30.59	32.84	35.41	44.69	47.60	48.70	48.94	51.68	53.45	53.55	53.36	52.21	52.08	50.07	49.99	48.72	58.34	59.98	45.30	40.51	38.94
	-0.53	-0.52	-0.54	-0.40	-0.40	-0.61	-0.73	-1.57	-1.61	-1.57	-1.65	-1.71	-1.66	-1.59	-1.50	-1.56	-1.55	-1.55	-1.56	-2.18	-2.18	-1.50	-1.30	-0.67
	6.10	0.13	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
HUD VL 61758	40.94	35.89	35.17	31.91	34.30	37.03	46.41	50.46	51.48	51.25	54.48	56.70	56.72	56.86	55.46	55.49	53.17	52.87	51.92	62.46	64.48	47.95	42.39	39.61
	1.74	1.58	1.51	1.14	1.06	1.43	1.70	2.08	2.32	2.49	2.58	2.75	2.72	2.68	2.42	2.36	2.25	2.25	2.26	2.41	2.32	2.10	1.99	1.49
	1.49	0.48	0.00	0.22	0.00	0.42	0.71	0.79	1.15	1.75	1.43	1.21	1.21	0.77	0.67	0.51	0.70	0.92	0.62	0.47	0.00	0.95	1.41	1.49
LONGIL 61762	52.37	49.88	48.52	48.15	48.50	48.57	52.12	57.59	61.39	72.19	72.22	67.40	65.91	63.85	63.27	64.66	70.13	67.35	67.38	72.67	72.80	72.92	56.96	55.24
	3.07	2.67	2.60	2.12	2.06	2.50	2.59	2.82	3.70	3.76	3.56	3.83	3.55	3.55	3.32	3.33	3.41	3.37	3.32	3.69	3.73	3.28	3.13	2.64
	-8.61	-12.42	-12.26	-15.04	-13.20	-10.05	-4.11	-5.60	-7.38	-17.92	-15.33	-8.41	-7.15	-5.35	-6.24	-7.69	-15.10	-12.44	-13.78	-8.46	-6.91	-22.84	-12.02	-12.99
MHK VL 61756	40.70	34.79	33.63	31.01	33.27	36.13	45.66	49.69	50.84	51.10	53.98	55.83	55.63	55.32	53.91	53.91	52.03	51.97	50.93	61.49	63.13	47.35	42.10	39.71
	0.01	0.00	-0.03	0.02	0.03	0.11	0.24	0.52	0.53	0.59	0.65	0.67	0.42	0.37	0.20	0.27	0.41	0.43	0.65	0.97	0.97	0.55	0.29	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61759	38.94	35.37	35.39	31.76	34.45	36.58	45.60	49.66	50.17	49.00	52.74	55.30	55.33	56.19	54.95	54.90	52.23	51.35	51.07	62.03	64.99	46.32	39.69	36.62
	2.01	1.79	1.73	1.32	1.21	1.62	1.97	2.48	2.76	2.92	3.03	3.19	3.17	3.18	2.92	2.89	2.83	2.73	2.74	2.99	2.83	2.53	2.36	1.72
	3.76	1.21	0.00	0.55	0.00	1.06	1.79	1.99	2.90	4.43	3.62	3.05	3.05	1.94	1.68	1.63	2.22	2.92	1.95	1.48	0.00	3.01	4.48	4.71
N.Y.C. 61761	55.23	41.70	36.21	35.00	35.26	42.26	54.94	60.13	64.85	70.54	70.70	71.62	71.65	69.60	68.38	68.40	68.44	69.65	66.90	74.08	66.81	62.57	62.32	59.99
	3.05	2.63	2.55	2.07	2.02	2.52	3.15	3.78	4.08	4.20	4.34	4.55	4.53	4.52	4.25	4.21	4.10	4.00	3.96	4.48	4.38	3.67	3.39	2.67
	-11.49	-4.28	0.00	-1.94	0.00	-3.72	-6.37	-7.18	-10.46	-15.83	-13.03	-11.91	-11.91	-10.13	-10.42	-10.55	-12.72	-14.11	-12.66	-9.08	-0.27	-12.10	-17.12	-17.71
NORTH 61755	39.73	33.92	32.79	30.31	32.53	35.09	44.24	47.06	48.15	48.49	51.20	52.98	53.21	53.02	51.92	51.75	49.68	49.63	48.27	57.82	59.42	44.81	40.09	38.47
	-0.96	-0.87	-0.87	-0.68	-0.71	-0.93	-1.18	-2.11	-2.16	-2.02	-2.13	-2.18	-2.00	-1.93	-1.79	-1.89	-1.94	-1.91	-2.01	-2.70	-2.74	-1.99	-1.72	-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
NPX 61845	36.10	36.05	35.01	32.14	34.34	37.39	47.01	51.19	52.47	52.78	55.68	57.64	57.69	57.37	56.02	55.89	53.79	53.76	52.44	62.94	64.58	48.81	43.69	41.00
	1.51	1.39	1.35	1.15	1.10	1.37	1.59	2.02	2.16	2.27	2.35	2.48	2.48	2.42	2.31	2.25	2.17	2.22	2.16	2.42	2.42	2.01	1.88	1.39
	6.10	0.13	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

PJH 61846	31.99 <del>-2.60</del> 6.10	32.09 <del>-2.57</del> 0.13	31.17 <del>-2.49</del> 0.00	28.73 <del>-2.26</del> 0.00	31.05 <del>-2.19</del> 0.00	33.75 <del>-2.27</del> 0.00	42.51 <del>-2.91</del> 0.00	47.45 <del>-1.72</del> 0.00	48.30 <del>-2.01</del> 0.00	48.14 <del>-2.37</del> 0.00	50.66 <del>-2.67</del> 0.00	51.96 <del>-3.20</del> 0.00	51.95 <del>-3.26</del> 0.00	51.87 <del>-3.08</del> 0.00	51.08 <del>-2.63</del> 0.00	50.74 <del>-2.90</del> 0.00	48.78 <del>-2.84</del> 0.00	48.50 <del>-3.04</del> 0.00	47.16 <del>-3.12</del> 0.00	57.86 <del>-2.66</del> 0.00	59.55 <del>-2.61</del> 0.00	44.37 <del>-2.43</del> 0.00	39.51 <del>-2.30</del> 0.00	37.51 <del>-2.10</del> 0.00
PJM 61847	30.24 <del>-4.35</del> 6.10	26.38 <del>-4.28</del> 4.13	25.52 <del>-4.14</del> 4.00	23.15 <del>-3.84</del> 4.00	26.25 <del>-3.59</del> 3.40	32.20 <del>-3.82</del> 0.00	41.74 <del>-3.68</del> 0.00	48.33 <del>-0.84</del> 0.00	49.50 <del>-0.81</del> 0.00	49.35 <del>-1.16</del> 0.00	52.21 <del>-1.12</del> 0.00	53.78 <del>-1.38</del> 0.00	54.05 <del>-1.16</del> 0.00	53.85 <del>-1.10</del> 0.00	53.39 <del>-0.32</del> 0.00	53.10 <del>-0.54</del> 0.00	51.16 <del>-0.46</del> 0.00	51.02 <del>-0.52</del> 0.00	49.17 <del>-1.11</del> 0.00	61.37 <del>0.85</del> 0.00	63.03 <del>0.87</del> 0.00	44.83 <del>-1.97</del> 0.00	39.97 <del>-1.84</del> 0.00	36.52 <del>-3.09</del> 0.00
WEST 61752	37.84 <del>-2.85</del> 0.00	32.01 <del>-2.78</del> 0.00	30.97 <del>-2.69</del> 0.00	28.55 <del>-2.44</del> 0.00	30.90 <del>-2.34</del> 0.00	33.57 <del>-2.45</del> 0.00	42.52 <del>-2.90</del> 0.00	48.13 <del>-1.04</del> 0.00	49.08 <del>-1.23</del> 0.00	48.90 <del>-1.61</del> 0.00	51.53 <del>-1.80</del> 0.00	52.92 <del>-2.24</del> 0.00	52.94 <del>-2.27</del> 0.00	52.87 <del>-2.08</del> 0.00	52.11 <del>-1.60</del> 0.00	51.77 <del>-1.87</del> 0.00	49.77 <del>-1.85</del> 0.00	49.50 <del>-2.04</del> 0.00	48.01 <del>-2.27</del> 0.00	59.17 <del>-1.35</del> 0.00	60.87 <del>-1.29</del> 0.00	44.87 <del>-1.93</del> 0.00	39.96 <del>-1.85</del> 0.00	37.45 <del>-2.16</del> 0.00