

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/11/2003

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL	38.16	32.59	31.82	29.97	31.24	43.96	50.63	50.31	54.77	51.98	53.48	49.32	47.00	45.79	45.09	45.60	59.75	73.56	66.97	67.03	65.32	54.14	44.77	41.32
61757	1.71	1.46	1.43	1.34	1.37	1.77	2.21	2.11	2.40	2.44	2.47	2.28	2.16	2.14	1.81	1.85	2.41	3.61	2.86	2.73	2.34	2.30	1.69	1.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.23	30.02	29.31	27.63	29.01	41.49	48.20	48.25	52.26	49.36	50.76	46.62	44.30	43.13	42.56	43.06	56.92	70.54	64.11	64.52	62.92	51.86	42.48	38.33
	-1.22	-1.11	-1.08	-1.00	-0.86	-0.70	-0.22	0.05	-0.11	-0.18	-0.25	-0.42	-0.54	-0.52	-0.72	-0.69	-0.42	0.59	0.00	0.22	-0.06	0.02	-0.60	-1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.67	32.84	32.09	30.20	31.42	44.05	50.55	50.97	55.35	52.87	54.37	50.31	48.11	47.00	46.16	46.81	60.90	74.71	67.88	68.14	66.26	54.90	45.66	42.23
	2.22	1.71	1.70	1.57	1.55	1.86	2.13	2.75	2.88	3.02	3.06	2.92	2.87	2.92	2.51	2.63	3.27	4.76	3.65	3.79	3.27	3.06	2.41	2.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.10	-0.31	-0.30	-0.35	-0.40	-0.43	-0.37	-0.43	-0.29	0.00	-0.12	-0.05	-0.01	0.00	-0.17	0.00
GENESE 61753	34.45	29.46	28.74	27.16	28.43	40.94	47.01	47.30	51.61	48.62	49.95	45.78	43.43	42.41	41.76	42.25	55.76	69.86	62.50	63.85	62.21	51.27	41.92	36.98
	-2.00	-1.67	-1.65	-1.47	-1.44	-1.25	-1.41	-0.90	-0.76	-0.92	-1.06	-1.26	-1.41	-1.24	-1.52	-1.50	-1.58	-0.09	-1.61	-0.45	-0.77	-0.57	-1.16	-2.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.52	31.19	30.45	28.69	29.75	41.96	48.73	47.86	52.06	49.19	50.70	46.80	44.71	43.43	43.11	43.53	57.05	68.69	63.66	63.66	62.60	51.22	42.86	39.81
	0.07	0.06	0.06	0.06	0.06	0.04	-0.10	-0.34	-0.31	-0.35	-0.31	-0.24	-0.13	-0.22	-0.17	-0.22	-0.29	-1.26	-0.45	-0.64	-0.38	-0.62	-0.22	0.08
	0.00	0.00	0.00	0.00	0.18	0.27	-0.41	0.00	0.00	0.00	0.00	0.00	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	38.22	32.52	31.74	29.85	31.05	43.47	49.90	50.20	54.48	51.81	53.22	49.25	47.03	45.91	45.09	45.67	59.71	73.63	66.68	67.03	65.26	54.02	44.83	41.69
	1.77	1.39	1.35	1.22	1.18	1.28	1.48	2.00	2.11	2.27	2.21	2.21	2.19	2.26	1.81	1.92	2.37	3.68	2.57	2.73	2.28	2.18	1.75	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61762	39.70	33.53	32.87	31.01	32.17	44.71	50.08	52.03	56.42	54.82	56.10	52.66	50.82	49.93	49.28	49.84	61.92	75.89	68.99	69.26	67.52	57.02	48.74	43.18
	3.24	2.40	2.48	2.38	2.30	2.52	1.66	3.81	3.94	4.12	4.10	3.78	3.68	3.77	3.31	3.45	4.24	5.94	4.73	4.91	4.53	4.06	3.36	3.44
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.11	-1.16	-0.99	-1.84	-2.30	-2.51	-2.69	-2.64	-0.34	0.00	-0.15	-0.05	-0.01	-1.12	-2.30	-0.01
MHK VL 61756	36.33	30.99	30.24	28.48	29.75	42.18	48.72	48.48	52.87	50.02	51.46	47.42	45.10	43.85	43.39	43.88	57.85	70.90	64.90	65.06	63.63	52.21	43.14	39.60
	-0.12	-0.14	-0.15	-0.15	-0.12	-0.01	0.30	0.28	0.50	0.48	0.45	0.38	0.26	0.20	0.11	0.13	0.51	0.95	0.79	0.76	0.65	0.37	0.06	-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	0.00	0.00
MILLWD 61759	38.16	32.44	31.67	29.83	31.02	43.41	49.82	50.18	54.44	51.79	53.28	49.25	47.04	45.92	45.12	45.72	59.66	73.55	66.70	67.03	65.28	54.02	44.85	41.68
	1.71	1.31	1.28	1.20	1.15	1.22	1.40	1.98	2.07	2.25	2.27	2.21	2.20	2.27	1.84	1.97	2.32	3.60	2.59	2.73	2.30	2.18	1.77	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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. 61761	39.21	33.29	32.50	30.60	31.82	44.65	51.38	52.55	60.12	66.66	67.79	66.02	65.87	65.72	62.65	65.54	73.99	75.57	73.88	71.06	67.51	55.57	53.64	42.73
	2.76	2.16	2.11	1.97	1.95	2.46	2.96	3.36	3.50	3.61	3.66	3.47	3.40	3.43	2.99	3.13	3.89	5.59	4.41	4.57	4.06	3.70	2.97	2.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.99	-4.25	-13.51	-13.12	-15.51	-17.63	-18.64	-16.38	-18.66	-12.76	-0.03	-5.36	-2.19	-0.47	-0.03	-7.59	-0.03
NORTH 61755	36.30	31.01	30.25	28.49	29.72	41.93	48.11	47.52	51.90	49.02	50.53	46.68	44.56	43.16	42.87	43.28	57.03	68.55	63.61	63.54	62.54	50.80	42.59	39.65
	-0.15	-0.12	-0.14	-0.14	-0.15	-0.26	-0.31	-0.68	-0.47	-0.52	-0.48	-0.36	-0.28	-0.49	-0.41	-0.47	-0.31	-1.40	-0.50	-0.76	-0.44	-1.04	-0.49	-0.08
	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
NPX 61845	38.27	32.66	32.88	32.54	34.01	43.61	50.77	50.32	54.67	51.92	53.41	49.30	47.04	45.83	45.14	45.72	59.81	73.52	66.87	67.07	65.44	54.17	44.89	41.64
	1.82	1.53	1.49	1.37	1.37	1.69	1.94	2.12	2.30	2.38	2.40	2.26	2.20	2.18	1.86	1.97	2.47	3.57	2.76	2.77	2.46	2.33	1.81	1.91
	0.00	0.00	-1.00	-2.54	-2.77	0.27	-0.41	0.00	0.00	0.00	0.00	0.00	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	32.80 <span>-3.65</span> <span>0.00</span>	28.02 <span>-3.11</span> <span>0.00</span>	27.47 <span>-2.92</span> <span>0.00</span>	26.00 <span>-2.63</span> <span>0.00</span>	27.00 <span>-2.69</span> <span>0.18</span>	38.88 <span>-3.04</span> <span>0.27</span>	44.57 <span>-4.26</span> <span>-0.41</span>	44.30 <span>-3.90</span> <span>0.00</span>	47.92 <span>-4.45</span> <span>0.00</span>	45.03 <span>-4.51</span> <span>0.00</span>	46.22 <span>-4.79</span> <span>0.00</span>	42.20 <span>-4.84</span> <span>0.00</span>	40.00 <span>-4.84</span> <span>0.00</span>	39.24 <span>-4.41</span> <span>0.00</span>	38.56 <span>-4.72</span> <span>0.00</span>	38.98 <span>-4.77</span> <span>0.00</span>	51.38 <span>-5.96</span> <span>0.00</span>	64.98 <span>-4.97</span> <span>0.00</span>	58.28 <span>-5.83</span> <span>0.00</span>	59.35 <span>-4.95</span> <span>0.00</span>	57.94 <span>-5.04</span> <span>0.00</span>	48.06 <span>-3.78</span> <span>0.00</span>	39.12 <span>-3.96</span> <span>0.00</span>	34.41 <span>-5.32</span> <span>0.00</span>
PJM 61847	32.15 <span>-4.30</span> <span>0.00</span>	27.08 <span>-4.05</span> <span>0.00</span>	24.23 <span>-3.92</span> <span>2.24</span>	24.22 <span>-3.64</span> <span>0.77</span>	25.63 <span>-3.70</span> <span>0.54</span>	38.92 <span>-3.00</span> <span>0.27</span>	47.86 <span>-0.97</span> <span>-0.41</span>	47.91 <span>-0.29</span> <span>0.00</span>	50.69 <span>-1.68</span> <span>0.00</span>	48.00 <span>-1.54</span> <span>0.00</span>	49.07 <span>-1.94</span> <span>0.00</span>	44.55 <span>-2.49</span> <span>0.00</span>	42.06 <span>-2.78</span> <span>0.00</span>	40.68 <span>-2.97</span> <span>0.00</span>	39.82 <span>-3.46</span> <span>0.00</span>	40.34 <span>-3.41</span> <span>0.00</span>	54.93 <span>-2.41</span> <span>0.00</span>	69.95 <span>0.00</span> <span>0.00</span>	63.21 <span>-0.90</span> <span>0.00</span>	63.91 <span>-0.39</span> <span>0.00</span>	61.97 <span>-1.01</span> <span>0.00</span>	50.96 <span>-0.88</span> <span>0.00</span>	40.37 <span>-2.71</span> <span>0.00</span>	34.45 <span>-5.28</span> <span>0.00</span>
WEST 61752	32.72 <span>-3.73</span> <span>0.00</span>	27.89 <span>-3.24</span> <span>0.00</span>	27.33 <span>-3.06</span> <span>0.00</span>	25.91 <span>-2.72</span> <span>0.00</span>	27.09 <span>-2.78</span> <span>0.00</span>	39.30 <span>-2.89</span> <span>0.00</span>	44.97 <span>-3.45</span> <span>0.00</span>	45.15 <span>-3.05</span> <span>0.00</span>	48.69 <span>-3.68</span> <span>0.00</span>	45.82 <span>-3.72</span> <span>0.00</span>	46.99 <span>-4.02</span> <span>0.00</span>	42.79 <span>-4.25</span> <span>0.00</span>	40.52 <span>-4.32</span> <span>0.00</span>	39.65 <span>-4.00</span> <span>0.00</span>	38.92 <span>-4.36</span> <span>0.00</span>	39.36 <span>-4.39</span> <span>0.00</span>	52.38 <span>-4.96</span> <span>0.00</span>	66.45 <span>-3.50</span> <span>0.00</span>	59.57 <span>-4.54</span> <span>0.00</span>	60.68 <span>-3.62</span> <span>0.00</span>	59.14 <span>-3.84</span> <span>0.00</span>	48.89 <span>-2.95</span> <span>0.00</span>	39.50 <span>-3.58</span> <span>0.00</span>	34.46 <span>-5.27</span> <span>0.00</span>