

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/12/2004

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	34.74	35.50	33.90	33.74	37.86	45.00	53.77	55.18	59.49	62.15	60.46	61.09	57.96	55.07	54.88	54.85	54.26	53.79	54.97	60.21	62.18	55.38	49.61	47.80
	1.18	1.23	1.11	1.10	1.32	1.45	2.01	2.54	2.97	3.20	3.15	3.18	2.92	2.74	2.60	2.62	2.14	1.93	2.69	3.17	3.29	2.89	1.95	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.56	33.19	31.87	31.75	35.45	42.62	51.10	52.41	56.49	58.86	57.21	57.70	54.75	51.98	51.88	51.74	51.59	51.21	52.13	56.75	58.58	52.25	46.60	44.69
	-1.00	-1.08	-0.92	-0.89	-1.09	-0.93	-0.66	-0.23	-0.03	-0.09	-0.10	-0.21	-0.29	-0.35	-0.40	-0.49	-0.53	-0.65	-0.15	-0.29	-0.31	-0.24	-1.06	-1.33
	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	0.00	0.00	0.00	0.00
DUNWOD 61760	35.34	35.98	34.30	34.08	38.29	45.38	54.24	55.11	59.18	61.96	60.23	60.98	57.65	54.92	53.72	53.27	53.91	52.42	53.54	60.06	58.57	51.72	48.50	48.41
	1.78	1.71	1.51	1.44	1.75	1.83	2.48	2.47	2.66	3.01	2.92	3.07	2.75	2.67	2.51	2.61	2.55	2.13	2.46	3.02	3.12	2.78	2.24	2.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.08	1.07	1.57	0.76	1.57	1.20	0.00	3.44	3.55	1.40	0.00
GENESE 61753	32.15	32.62	31.56	31.50	34.96	42.32	50.13	51.82	56.44	58.52	56.93	57.33	54.49	51.98	51.78	51.55	51.38	50.91	51.98	56.51	58.14	52.03	46.13	44.15
	-1.41	-1.65	-1.23	-1.14	-1.58	-1.23	-1.63	-0.82	-0.08	-0.43	-0.38	-0.58	-0.55	-0.35	-0.50	-0.68	-0.74	-0.95	-0.30	-0.53	-0.75	-0.46	-1.53	-1.87
	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
H Q 61844	33.46	34.17	32.69	32.54	36.43	43.42	51.29	51.90	55.67	58.01	56.45	56.98	54.27	51.60	51.60	51.60	51.60	51.60	51.60	56.24	58.07	51.60	49.41	38.60
	-0.10	-0.10	-0.10	-0.10	-0.11	-0.13	-0.47	-0.74	-0.85	-0.94	-0.86	-0.93	-0.77	-0.73	-0.68	-0.63	-0.52	-0.26	-0.68	-0.80	-0.82	-0.89	-0.24	-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	-1.99	7.19	
HUD VL 61758	34.83	35.52	33.85	33.66	37.79	44.75	53.46	53.89	57.76	60.63	58.82	59.64	56.52	53.78	53.39	53.30	53.32	52.40	53.11	58.72	59.90	53.26	48.63	47.72
	1.27	1.25	1.06	1.02	1.25	1.20	1.70	1.25	1.24	1.68	1.51	1.73	1.51	1.47	1.34	1.41	1.37	0.88	1.09	1.68	1.76	1.55	1.28	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.23	0.34	0.17	0.34	0.26	0.00	0.75	0.78	0.31	0.00
LONGIL 61762	36.25	36.87	34.83	34.59	39.30	45.78	53.94	55.15	59.34	62.20	60.72	61.15	58.43	55.85	57.62	58.52	57.05	57.92	58.18	60.77	70.19	63.05	52.61	48.06
	2.68	2.60	2.04	1.95	2.76	2.23	2.18	2.51	2.81	3.25	3.40	3.24	3.11	3.23	3.15	3.07	3.37	2.85	3.45	3.73	4.27	3.29	2.09	2.04
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	-0.28	-0.29	-2.19	-3.22	-1.56	-3.21	-2.45	0.00	-7.03	-7.27	-2.86	0.00
MHK VL 61756	33.42	34.08	32.61	32.47	36.35	43.48	51.87	52.94	57.08	59.52	57.86	58.40	55.52	52.74	52.64	52.57	52.48	52.28	52.83	57.59	59.47	52.92	47.76	45.94
	-0.14	-0.19	-0.18	-0.17	-0.19	-0.07	0.11	0.30	0.56	0.57	0.55	0.49	0.48	0.41	0.36	0.34	0.36	0.42	0.55	0.55	0.58	0.43	0.10	-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
MILLWD 61759	34.87	35.54	33.84	33.65	37.80	44.77	53.52	54.27	58.24	61.04	59.34	60.02	56.83	54.12	53.13	52.78	53.26	51.94	52.97	59.12	58.38	51.58	48.10	47.77
	1.31	1.27	1.05	1.01	1.26	1.22	1.76	1.63	1.72	2.09	2.03	2.11	1.90	1.86	1.70	1.80	1.74	1.32	1.64	2.08	2.21	1.91	1.55	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.07	0.85	1.25	0.60	1.24	0.95	0.00	2.72	2.82	1.11	0.00
N.Y.C. 61761	35.79	36.44	34.69	34.50	38.74	45.93	54.99	57.94	67.83	69.92	69.02	68.07	69.98	68.08	67.76	67.63	67.80	69.33	70.31	70.98	72.37	69.46	59.95	49.09
	2.23	2.17	1.90	1.86	2.20	2.38	3.23	3.25	3.49	3.91	3.75	3.89	3.55	3.38	3.25	3.32	3.27	2.82	3.23	3.82	3.96	3.50	2.94	3.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.05	-7.82	-7.06	-7.96	-6.27	-11.39	-12.37	-12.23	-12.08	-12.41	-14.65	-14.80	-10.12	-9.52	-13.47	-9.35	-0.01
NORTH 61755	33.05	33.75	32.28	32.10	35.97	42.81	50.41	51.16	54.84	56.94	55.45	55.94	53.48	50.85	50.75	50.75	50.92	50.97	50.83	55.35	57.20	50.75	46.65	45.03
	-0.51	-0.52	-0.51	-0.54	-0.57	-0.74	-1.35	-1.48	-1.68	-2.01	-1.86	-1.97	-1.56	-1.48	-1.53	-1.48	-1.20	-0.89	-1.45	-1.69	-1.69	-1.74	-1.01	-0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.77	35.54	33.87	33.72	37.82	44.90	53.62	54.64	58.67	61.37	59.66	60.34	57.30	54.48	54.27	54.27	54.00	53.42	54.27	59.44	61.42	54.75	51.32	40.53
	1.21	1.27	1.08	1.08	1.28	1.35	1.86	2.00	2.15	2.42	2.35	2.43	2.26	2.15	1.99	2.04	1.88	1.56	1.99	2.40	2.53	2.26	1.67	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.99	7.19	

PJM 61846	30.41 <span>-3.15</span> <span>0.00</span>	30.74 <span>-3.53</span> <span>0.00</span>	30.00 <span>-2.79</span> <span>0.00</span>	30.00 <span>-2.64</span> <span>0.00</span>	33.00 <span>-3.54</span> <span>0.00</span>	39.98 <span>-3.57</span> <span>0.00</span>	46.48 <span>-5.28</span> <span>0.00</span>	48.22 <span>-4.42</span> <span>0.00</span>	52.45 <span>-4.07</span> <span>0.00</span>	54.00 <span>-4.95</span> <span>0.00</span>	52.55 <span>-4.76</span> <span>0.00</span>	52.81 <span>-5.10</span> <span>0.00</span>	50.31 <span>-4.73</span> <span>0.00</span>	48.14 <span>-4.19</span> <span>0.00</span>	47.89 <span>-4.39</span> <span>0.00</span>	47.69 <span>-4.54</span> <span>0.00</span>	47.43 <span>-4.69</span> <span>0.00</span>	46.78 <span>-5.08</span> <span>0.00</span>	47.94 <span>-4.34</span> <span>0.00</span>	52.02 <span>-5.02</span> <span>0.00</span>	53.41 <span>-5.48</span> <span>0.00</span>	48.29 <span>-4.20</span> <span>0.00</span>	44.74 <span>-4.91</span> <span>-1.99</span>	34.00 <span>-4.83</span> <span>7.19</span>
PJM 61847	30.00 <span>-3.56</span> <span>0.00</span>	30.36 <span>-3.91</span> <span>0.00</span>	29.51 <span>-3.28</span> <span>0.00</span>	29.54 <span>-3.10</span> <span>0.00</span>	32.81 <span>-3.73</span> <span>0.00</span>	40.41 <span>-3.14</span> <span>0.00</span>	50.00 <span>-1.76</span> <span>0.00</span>	51.96 <span>-0.68</span> <span>0.00</span>	55.73 <span>-0.79</span> <span>0.00</span>	57.83 <span>-1.12</span> <span>0.00</span>	56.22 <span>-1.09</span> <span>0.00</span>	56.17 <span>-1.74</span> <span>0.00</span>	53.00 <span>-2.04</span> <span>0.00</span>	49.87 <span>-2.46</span> <span>0.00</span>	49.67 <span>-2.61</span> <span>0.00</span>	49.41 <span>-2.82</span> <span>0.00</span>	49.20 <span>-2.92</span> <span>0.00</span>	48.75 <span>-3.11</span> <span>0.00</span>	51.13 <span>-1.15</span> <span>0.00</span>	55.84 <span>-1.20</span> <span>0.00</span>	57.48 <span>-1.41</span> <span>0.00</span>	51.39 <span>-1.10</span> <span>0.00</span>	45.98 <span>-3.67</span> <span>-1.99</span>	34.14 <span>-4.69</span> <span>7.19</span>
WEST 61752	30.49 <span>-3.07</span> <span>0.00</span>	30.79 <span>-3.48</span> <span>0.00</span>	30.10 <span>-2.69</span> <span>0.00</span>	30.10 <span>-2.54</span> <span>0.00</span>	33.11 <span>-3.43</span> <span>0.00</span>	40.31 <span>-3.24</span> <span>0.00</span>	47.70 <span>-4.06</span> <span>0.00</span>	49.65 <span>-2.99</span> <span>0.00</span>	53.98 <span>-2.54</span> <span>0.00</span>	55.46 <span>-3.49</span> <span>0.00</span>	54.00 <span>-3.31</span> <span>0.00</span>	54.14 <span>-3.77</span> <span>0.00</span>	51.62 <span>-3.42</span> <span>0.00</span>	49.22 <span>-3.11</span> <span>0.00</span>	48.99 <span>-3.29</span> <span>0.00</span>	48.71 <span>-3.52</span> <span>0.00</span>	48.06 <span>-4.06</span> <span>0.00</span>	47.43 <span>-4.43</span> <span>0.00</span>	48.90 <span>-3.38</span> <span>0.00</span>	53.08 <span>-3.96</span> <span>0.00</span>	54.44 <span>-4.45</span> <span>0.00</span>	49.17 <span>-3.32</span> <span>0.00</span>	43.22 <span>-4.44</span> <span>0.00</span>	41.35 <span>-4.67</span> <span>0.00</span>