

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/30/2004

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	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	37.74	32.35	31.72	31.76	34.74	44.53	50.75	59.47	62.00	63.57	63.24	57.98	55.70	53.46	52.35	53.43	53.52	57.56	67.08	67.20	63.24	54.66	48.46	44.05
61757	1.80	1.52	1.48	1.49	1.63	2.16	3.29	3.80	3.95	4.04	3.87	3.61	3.45	3.27	3.17	3.38	3.42	3.66	4.59	4.65	4.08	3.62	2.64	2.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.46	29.71	29.31	29.33	32.06	41.24	46.43	54.55	56.72	57.84	57.66	52.97	51.16	49.14	48.22	48.97	49.05	52.88	61.40	61.55	58.05	49.94	44.39	39.79
61754	-1.48	-1.12	-0.93	-0.94	-1.05	-1.13	-1.03	-1.12	-1.33	-1.69	-1.71	-1.40	-1.09	-1.05	-0.96	-1.08	-1.05	-1.02	-1.09	-1.00	-1.11	-1.10	-1.43	-1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.85	32.25	31.54	31.57	34.53	43.90	50.17	59.24	61.85	63.81	63.76	58.66	56.40	54.06	52.87	53.96	54.02	57.81	66.99	67.12	63.20	55.09	48.87	44.33
61760	1.91	1.42	1.30	1.30	1.42	1.53	2.71	3.51	3.72	4.23	4.39	4.08	3.97	3.61	3.39	3.65	3.66	3.67	4.50	4.57	4.02	3.83	2.66	2.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.08	-0.05	0.00	-0.21	-0.18	-0.26	-0.30	-0.26	-0.26	-0.24	0.00	0.00	-0.02	-0.22	-0.39	0.00
GENESE	34.45	29.90	29.47	29.53	32.20	41.72	46.55	54.31	56.61	57.58	57.27	53.01	51.03	49.18	48.31	48.88	49.03	52.84	61.19	61.62	58.05	49.65	44.01	38.81
61753	-1.49	-0.93	-0.77	-0.74	-0.91	-0.65	-0.91	-1.36	-1.44	-1.95	-2.10	-1.36	-1.22	-1.01	-0.87	-1.17	-1.07	-1.06	-1.30	-0.93	-1.11	-1.39	-1.81	-2.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.76	30.68	30.09	30.12	32.94	42.07	46.80	54.83	57.18	58.64	58.48	53.50	51.31	49.34	48.29	49.15	49.20	53.04	61.30	61.30	58.21	50.02	46.08	41.41
61844	-0.18	-0.15	-0.15	-0.15	-0.17	-0.30	-0.66	-0.84	-0.87	-0.89	-0.89	-0.87	-0.94	-0.85	-0.89	-0.90	-0.90	-0.86	-1.19	-1.25	-0.95	-1.02	-0.46	-0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	0.00	
HUD VL	37.25	31.76	31.07	31.10	34.03	43.22	49.36	57.69	60.29	62.37	62.36	57.11	54.93	52.60	51.41	52.51	52.56	56.26	65.53	65.64	61.82	53.62	47.48	43.76
61758	1.31	0.93	0.83	0.83	0.92	0.85	1.90	2.02	2.24	2.84	2.99	2.74	2.68	2.41	2.23	2.46	2.46	2.36	3.04	3.09	2.66	2.58	1.66	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.58	33.07	32.36	33.86	35.41	44.06	50.60	60.52	63.23	64.94	64.79	59.53	57.37	55.05	53.84	55.73	58.58	58.70	68.65	68.51	64.10	58.91	49.62	44.54
61762	2.77	2.23	2.12	2.06	2.30	1.69	3.14	4.78	5.09	5.36	5.42	4.91	4.91	4.55	4.31	4.46	4.49	4.51	5.34	5.36	4.83	4.52	3.33	2.84
	-2.87	-0.01	0.00	-1.53	0.00	0.00	0.00	-0.07	-0.09	-0.05	0.00	-0.25	-0.21	-0.31	-0.35	-1.22	-3.99	-0.29	-0.82	-0.60	-0.11	-3.35	-0.47	0.00
MHK VL	35.84	30.75	30.16	30.19	33.04	42.41	47.90	55.86	58.19	59.60	59.53	54.30	52.18	50.24	49.23	50.05	50.09	54.19	62.94	62.95	59.49	51.15	45.65	41.49
61756	-0.10	-0.08	-0.08	-0.08	-0.07	0.04	0.44	0.19	0.14	0.07	0.16	-0.07	-0.07	0.05	0.05	0.00	-0.01	0.29	0.45	0.40	0.33	0.11	-0.17	-0.21
	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
MILLWD	37.34	31.82	31.12	31.15	34.07	43.26	49.43	58.25	60.87	62.75	62.72	57.66	55.45	53.13	52.00	53.06	53.14	56.87	65.95	66.08	62.22	54.15	48.06	43.76
61759	1.40	0.99	0.88	0.88	0.96	0.89	1.97	2.53	2.75	3.18	3.35	3.12	3.05	2.73	2.58	2.80	2.83	2.77	3.46	3.53	3.04	2.93	1.92	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.07	-0.04	0.00	-0.17	-0.15	-0.21	-0.24	-0.21	-0.21	-0.20	0.00	0.00	-0.02	-0.18	-0.32	0.00
N.Y.C.	38.33	32.65	31.94	31.95	34.96	44.45	50.95	62.07	65.07	66.04	64.80	65.33	62.31	62.08	61.98	62.07	62.09	65.44	75.52	69.70	64.79	62.17	60.79	44.94
61761	2.39	1.82	1.70	1.68	1.85	2.08	3.49	4.39	4.63	5.14	5.30	4.87	4.78	4.39	4.17	4.43	4.45	4.52	5.50	5.56	5.00	4.57	3.34	3.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.01	-2.39	-1.37	-0.13	-6.09	-5.28	-7.50	-8.63	-7.59	-7.54	-7.02	-7.53	-1.59	-0.63	-6.56	-11.63	0.00
NORTH	35.23	30.19	29.58	29.61	32.42	41.23	45.92	53.85	56.13	57.55	57.40	52.46	50.12	48.24	47.22	48.05	48.10	52.05	60.13	60.07	57.11	48.79	44.36	40.60
61755	-0.71	-0.64	-0.66	-0.66	-0.69	-1.14	-1.54	-1.82	-1.92	-1.98	-1.97	-1.91	-2.13	-1.95	-1.96	-2.00	-2.00	-1.85	-2.36	-2.48	-2.05	-2.25	-1.46	-1.10
	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
NPX	37.38	31.94	31.27	31.30	34.27	43.68	49.64	58.34	60.89	62.69	62.58	57.25	55.07	52.80	51.69	52.75	52.76	56.60	65.86	65.99	62.12	53.80	48.51	43.66
61845	1.44	1.11	1.03	1.03	1.16	1.31	2.18	2.67	2.84	3.16	3.21	2.88	2.82	2.61	2.51	2.70	2.66	2.70	3.37	3.44	2.96	2.76	1.97	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	-0.72	0.00

H 61846	31.99 <span>-3.95</span> <span>0.00</span>	27.99 <span>-2.84</span> <span>0.00</span>	27.67 <span>-2.57</span> <span>0.00</span>	27.70 <span>-2.57</span> <span>0.00</span>	30.10 <span>-3.01</span> <span>0.00</span>	38.98 <span>-3.39</span> <span>0.00</span>	42.43 <span>-5.03</span> <span>0.00</span>	50.49 <span>-5.18</span> <span>0.00</span>	52.59 <span>-5.46</span> <span>0.00</span>	53.28 <span>-6.25</span> <span>0.00</span>	53.02 <span>-6.35</span> <span>0.00</span>	49.31 <span>-5.06</span> <span>0.00</span>	47.39 <span>-4.86</span> <span>0.00</span>	45.77 <span>-4.42</span> <span>0.00</span>	45.05 <span>-4.13</span> <span>0.00</span>	45.45 <span>-4.60</span> <span>0.00</span>	45.59 <span>-4.51</span> <span>0.00</span>	49.10 <span>-4.80</span> <span>0.00</span>	56.87 <span>-5.62</span> <span>0.00</span>	57.23 <span>-5.32</span> <span>0.00</span>	54.01 <span>-5.15</span> <span>0.00</span>	45.99 <span>-5.05</span> <span>0.00</span>	41.64 <span>-4.90</span> <span>-0.72</span>	35.78 <span>-5.92</span> <span>0.00</span>
PJM 61847	31.12 <span>-4.82</span> <span>0.00</span>	27.56 <span>-3.27</span> <span>0.00</span>	27.34 <span>-2.90</span> <span>0.00</span>	27.36 <span>-2.91</span> <span>0.00</span>	30.03 <span>-3.08</span> <span>0.00</span>	39.74 <span>-2.63</span> <span>0.00</span>	45.94 <span>-1.52</span> <span>0.00</span>	55.22 <span>-0.45</span> <span>0.00</span>	57.35 <span>-0.70</span> <span>0.00</span>	58.10 <span>-1.43</span> <span>0.00</span>	57.89 <span>-1.48</span> <span>0.00</span>	53.45 <span>-0.92</span> <span>0.00</span>	51.83 <span>-0.42</span> <span>0.00</span>	49.84 <span>-0.35</span> <span>0.00</span>	48.84 <span>-0.34</span> <span>0.00</span>	49.55 <span>-0.50</span> <span>0.00</span>	49.65 <span>-0.45</span> <span>0.00</span>	53.41 <span>-0.49</span> <span>0.00</span>	62.05 <span>-0.44</span> <span>0.00</span>	62.30 <span>-0.25</span> <span>0.00</span>	58.69 <span>-0.47</span> <span>0.00</span>	49.51 <span>-1.53</span> <span>0.00</span>	43.29 <span>-3.25</span> <span>-0.72</span>	36.20 <span>-5.50</span> <span>0.00</span>
WEST 61752	31.79 <span>-4.15</span> <span>0.00</span>	27.98 <span>-2.85</span> <span>0.00</span>	27.66 <span>-2.58</span> <span>0.00</span>	27.69 <span>-2.58</span> <span>0.00</span>	30.11 <span>-3.00</span> <span>0.00</span>	39.08 <span>-3.29</span> <span>0.00</span>	43.04 <span>-4.42</span> <span>0.00</span>	51.67 <span>-4.00</span> <span>0.00</span>	53.88 <span>-4.17</span> <span>0.00</span>	54.54 <span>-4.99</span> <span>0.00</span>	54.30 <span>-5.07</span> <span>0.00</span>	50.46 <span>-3.91</span> <span>0.00</span>	48.55 <span>-3.70</span> <span>0.00</span>	46.85 <span>-3.34</span> <span>0.00</span>	46.07 <span>-3.11</span> <span>0.00</span>	46.52 <span>-3.53</span> <span>0.00</span>	46.66 <span>-3.44</span> <span>0.00</span>	50.26 <span>-3.64</span> <span>0.00</span>	58.24 <span>-4.25</span> <span>0.00</span>	58.61 <span>-3.94</span> <span>0.00</span>	55.29 <span>-3.87</span> <span>0.00</span>	46.89 <span>-4.15</span> <span>0.00</span>	41.40 <span>-4.42</span> <span>0.00</span>	35.73 <span>-5.97</span> <span>0.00</span>