

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/27/2003

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	23.80	21.47	19.43	18.51	20.37	21.55	47.33	48.54	48.79	47.70	52.40	54.43	50.70	49.55	47.68	49.55	47.46	45.11	44.78	47.01	52.45	45.90	36.23	29.50
61757	0.73	0.64	0.60	0.55	0.61	0.69	1.41	1.51	1.70	1.75	1.90	1.91	1.82	1.77	1.69	1.71	1.61	1.41	1.30	1.43	1.83	1.60	0.98	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.12	19.97	18.06	17.27	19.01	19.97	44.31	45.96	46.22	45.09	49.72	51.72	48.06	46.95	45.15	46.66	44.74	42.63	42.19	44.34	49.72	43.58	34.46	27.43
61754	-0.95	-0.86	-0.77	-0.69	-0.75	-0.89	-1.61	-1.07	-0.87	-0.86	-0.78	-0.80	-0.82	-0.83	-0.84	-1.18	-1.11	-1.07	-1.29	-1.24	-0.90	-0.72	-0.79	-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
DUNWOD	24.62	22.10	19.96	19.00	20.89	22.15	48.95	50.51	51.09	50.17	55.05	57.36	53.44	52.43	50.56	52.50	50.38	47.80	47.26	49.40	54.86	48.18	38.30	31.17
61760	1.55	1.27	1.13	1.04	1.13	1.29	3.03	3.48	3.77	3.77	4.19	4.41	4.11	4.01	3.86	4.02	3.81	3.45	3.26	3.51	4.20	3.81	2.33	1.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-0.45	-0.36	-0.43	-0.45	-0.64	-0.71	-0.64	-0.72	-0.65	-0.52	-0.31	-0.04	-0.07	-0.72	-0.67
GENESE	21.25	19.39	17.50	16.76	18.52	19.42	42.99	45.23	45.57	44.39	49.18	51.12	47.32	46.29	44.47	45.71	43.82	41.77	41.05	43.06	48.71	42.90	34.50	26.90
61753	-1.82	-1.44	-1.33	-1.20	-1.24	-1.44	-2.93	-1.80	-1.52	-1.56	-1.32	-1.40	-1.56	-1.49	-1.52	-2.13	-2.03	-1.93	-2.43	-2.52	-1.91	-1.40	-0.75	-1.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.09	20.89	18.91	18.03	19.84	24.64	43.36	45.35	46.52	45.35	49.74	51.73	48.15	47.06	45.35	47.36	45.35	43.35	43.35	45.35	49.96	43.59	35.00	28.75
61844	0.02	0.06	0.08	0.07	0.08	0.08	0.05	-0.33	-0.57	-0.60	-0.76	-0.79	-0.73	-0.72	-0.64	-0.48	-0.50	-0.35	-0.13	-0.23	-0.66	-0.71	-0.25	0.11
	0.00	0.00	0.00	0.00	0.00	-3.70	2.61	1.35	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
HUD VL	24.35	21.87	19.77	18.80	20.65	21.89	48.29	49.68	50.03	48.94	53.84	56.04	52.15	50.99	49.07	51.06	48.91	46.42	46.03	48.33	53.94	47.33	37.06	30.13
61758	1.28	1.04	0.94	0.84	0.89	1.03	2.37	2.65	2.93	2.97	3.32	3.50	3.25	3.18	3.05	3.19	3.03	2.69	2.53	2.74	3.32	3.03	1.81	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.02	-0.02	-0.02	-0.03	-0.03	-0.03	-0.03	-0.03	-0.02	-0.01	0.00	0.00	0.00	0.00
LONGIL	25.05	22.37	20.16	19.19	21.10	22.56	49.94	54.98	56.57	57.58	60.28	61.01	62.02	61.99	60.98	57.76	58.09	59.32	62.95	63.98	64.60	60.52	52.58	29.93
61762	1.98	1.54	1.33	1.23	1.34	1.70	4.02	4.50	4.76	4.54	4.98	5.24	4.80	4.71	4.52	4.77	4.54	4.09	3.88	4.15	4.91	4.46	3.05	2.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.45	-4.72	-7.09	-4.80	-3.25	-8.34	-9.50	-10.47	-5.15	-7.70	-11.53	-15.59	-14.25	-9.07	-11.76	-14.28	1.22
MHK VL	23.01	20.78	18.78	17.92	19.72	20.84	46.10	47.05	47.30	46.16	50.74	52.78	49.09	47.97	46.13	47.93	45.93	43.75	43.52	45.63	50.79	44.38	35.13	28.36
61756	-0.06	-0.05	-0.05	-0.04	-0.04	-0.02	0.18	0.02	0.21	0.21	0.24	0.26	0.21	0.19	0.14	0.09	0.08	0.05	0.04	0.05	0.17	0.08	-0.12	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.29	21.82	19.73	18.78	20.61	21.87	48.29	49.76	50.29	49.36	54.21	56.45	52.56	51.56	49.67	51.59	49.52	46.98	46.49	48.64	54.05	47.46	37.42	30.43
61759	1.22	0.99	0.90	0.82	0.85	1.01	2.37	2.73	3.02	3.06	3.44	3.60	3.33	3.28	3.13	3.26	3.12	2.78	2.61	2.83	3.40	3.11	1.84	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.35	-0.27	-0.33	-0.35	-0.50	-0.55	-0.49	-0.55	-0.50	-0.40	-0.23	-0.03	-0.05	-0.33	-0.31
N.Y.C.	24.91	22.35	20.18	19.23	21.12	22.42	54.23	58.53	63.26	67.88	69.12	71.30	69.50	71.56	71.47	71.57	71.44	69.18	67.19	65.51	62.63	57.87	71.27	60.15
61761	1.84	1.52	1.35	1.27	1.36	1.56	3.67	4.14	4.43	4.44	4.95	5.18	4.81	4.70	4.50	4.66	4.46	4.05	3.86	4.16	4.92	4.43	2.76	2.18
	0.00	0.00	0.00	0.00	0.00	0.00	-4.64	-7.36	-11.74	-17.49	-13.67	-13.60	-15.81	-19.08	-20.98	-19.07	-21.13	-21.43	-19.85	-15.77	-7.09	-9.14	-33.26	-29.33
NORTH	22.98	20.86	18.85	17.98	19.78	20.91	45.91	46.70	46.54	45.28	49.57	51.49	47.92	46.84	45.13	47.16	45.20	43.18	43.31	45.27	49.80	43.32	34.84	28.67
61755	-0.09	0.03	0.02	0.02	0.02	0.05	-0.01	-0.33	-0.55	-0.67	-0.93	-1.03	-0.96	-0.94	-0.86	-0.68	-0.65	-0.52	-0.17	-0.31	-0.82	-0.98	-0.41	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.15	21.77	19.66	18.73	20.61	25.50	45.19	47.70	49.26	48.16	52.92	55.09	51.28	50.12	48.24	50.18	48.05	45.67	45.31	47.59	53.05	46.51	36.62	29.90
61845	1.08	0.94	0.83	0.77	0.85	0.94	1.88	2.02	2.17	2.21	2.42	2.57	2.40	2.34	2.25	2.34	2.20	1.97	1.83	2.01	2.43	2.21	1.37	1.26
	0.00	0.00	0.00	0.00	0.00	-3.70	2.61	1.35	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

PJM 61846	20.32 <span>-2.75</span> <span>0.00</span>	18.16 <span>-2.67</span> <span>0.00</span>	16.36 <span>-2.47</span> <span>0.00</span>	15.70 <span>-2.26</span> <span>0.00</span>	17.35 <span>-2.41</span> <span>0.00</span>	21.72 <span>-2.84</span> <span>-3.70</span>	36.20 <span>-6.11</span> <span>3.61</span>	40.69 <span>-4.99</span> <span>1.35</span>	42.05 <span>-5.04</span> <span>0.00</span>	40.85 <span>-5.10</span> <span>0.00</span>	45.45 <span>-5.05</span> <span>0.00</span>	47.22 <span>-5.30</span> <span>0.00</span>	43.80 <span>-5.08</span> <span>0.00</span>	42.86 <span>-4.92</span> <span>0.00</span>	41.21 <span>-4.78</span> <span>0.00</span>	42.05 <span>-5.79</span> <span>0.00</span>	40.44 <span>-5.41</span> <span>0.00</span>	38.67 <span>-5.03</span> <span>0.00</span>	37.78 <span>-5.70</span> <span>0.00</span>	39.61 <span>-5.97</span> <span>0.00</span>	45.00 <span>-5.62</span> <span>0.00</span>	40.00 <span>-4.30</span> <span>0.00</span>	32.61 <span>-2.64</span> <span>0.00</span>	25.03 <span>-3.61</span> <span>0.00</span>
PJM 61847	20.86 <span>-2.21</span> <span>0.00</span>	18.46 <span>-2.37</span> <span>0.00</span>	16.46 <span>-2.37</span> <span>0.00</span>	15.88 <span>-2.08</span> <span>0.00</span>	17.59 <span>-2.17</span> <span>0.00</span>	22.18 <span>-2.38</span> <span>-3.70</span>	39.54 <span>-3.77</span> <span>2.61</span>	43.66 <span>-2.02</span> <span>1.35</span>	46.48 <span>-0.61</span> <span>0.00</span>	45.21 <span>-0.74</span> <span>0.00</span>	50.10 <span>-0.40</span> <span>0.00</span>	52.10 <span>-0.42</span> <span>0.00</span>	48.15 <span>-0.73</span> <span>0.00</span>	46.87 <span>-0.91</span> <span>0.00</span>	45.02 <span>-0.97</span> <span>0.00</span>	45.64 <span>-2.20</span> <span>0.00</span>	43.83 <span>-2.02</span> <span>0.00</span>	41.82 <span>-1.88</span> <span>0.00</span>	41.00 <span>-2.48</span> <span>0.00</span>	43.62 <span>-1.96</span> <span>0.00</span>	49.76 <span>-0.86</span> <span>0.00</span>	43.46 <span>-0.84</span> <span>0.00</span>	34.02 <span>-1.23</span> <span>0.00</span>	25.38 <span>-3.26</span> <span>0.00</span>
WEST 61752	20.55 <span>-2.52</span> <span>0.00</span>	18.32 <span>-2.51</span> <span>0.00</span>	16.46 <span>-2.37</span> <span>0.00</span>	15.81 <span>-2.15</span> <span>0.00</span>	17.50 <span>-2.26</span> <span>0.00</span>	18.20 <span>-2.66</span> <span>0.00</span>	40.50 <span>-5.42</span> <span>0.00</span>	43.21 <span>-3.82</span> <span>0.00</span>	43.59 <span>-3.50</span> <span>0.00</span>	42.38 <span>-3.57</span> <span>0.00</span>	47.11 <span>-3.39</span> <span>0.00</span>	48.98 <span>-3.54</span> <span>0.00</span>	45.38 <span>-3.50</span> <span>0.00</span>	44.37 <span>-3.41</span> <span>0.00</span>	42.61 <span>-3.38</span> <span>0.00</span>	43.41 <span>-4.43</span> <span>0.00</span>	41.73 <span>-4.12</span> <span>0.00</span>	39.90 <span>-3.80</span> <span>0.00</span>	38.94 <span>-4.54</span> <span>0.00</span>	40.97 <span>-4.61</span> <span>0.00</span>	46.67 <span>-3.95</span> <span>0.00</span>	41.32 <span>-2.98</span> <span>0.00</span>	33.44 <span>-1.81</span> <span>0.00</span>	25.29 <span>-3.35</span> <span>0.00</span>