

## Time Weighted/Integrated Real Time LBMP - Zonal

--- 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	8.98	5.27	5.87	21.30	3.31	14.98	38.48	39.82	42.66	50.02	55.79	61.73	65.00	59.39	58.79	65.42	56.11	54.76	43.12	49.13	50.28	52.34	50.22	31.76
61757	0.56	0.35	0.41	1.45	0.22	1.02	2.51	2.16	2.34	2.84	2.92	2.37	2.00	1.89	2.20	2.49	2.02	2.33	1.90	2.08	2.22	2.44	2.46	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	8.30	4.85	5.37	19.53	3.04	13.76	35.55	37.19	39.92	46.73	52.41	58.96	62.68	57.22	56.33	62.44	53.62	51.92	40.79	46.66	47.61	49.38	47.17	29.75
61754	-0.12	-0.07	-0.09	-0.33	-0.05	-0.20	-0.42	-0.47	-0.41	-0.45	-0.46	-0.40	-0.32	-0.28	-0.26	-0.49	-0.47	-0.52	-0.42	-0.39	-0.45	-0.52	-0.60	-0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	8.77	5.08	5.61	20.47	3.20	14.56	38.05	40.60	43.80	51.30	57.53	65.09	69.29	63.09	61.75	68.67	59.14	57.30	45.04	51.23	52.60	54.40	51.53	31.90
61760	0.35	0.16	0.16	0.61	0.11	0.60	2.08	2.94	3.47	4.12	4.66	5.73	6.29	5.59	5.17	5.74	5.05	4.87	3.83	4.18	4.54	4.50	3.77	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	8.37	4.90	5.45	19.75	3.08	13.92	35.79	36.87	39.41	46.35	51.93	58.07	61.40	56.31	55.78	61.77	53.02	51.39	40.33	46.19	46.80	48.71	46.76	29.77
61753	-0.05	-0.02	-0.01	-0.10	-0.01	-0.04	-0.18	-0.78	-0.91	-0.83	-0.94	-1.29	-1.61	-1.19	-0.81	-1.16	-1.07	-1.04	-0.89	-0.86	-1.26	-1.19	-1.00	-0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	55.00	40.00	40.00	19.88	3.09	50.28	50.64	37.34	39.87	46.64	52.22	58.43	63.23	56.35	55.56	61.75	53.08	51.48	40.41	46.17	47.14	49.05	47.09	29.83
61844	0.36	0.19	0.15	0.02	0.00	0.34	0.25	-0.31	-0.46	-0.54	-0.65	-0.93	-1.24	-1.15	-1.03	-1.18	-1.01	-0.95	-0.80	-0.88	-0.92	-0.86	-0.67	-0.27
	-19.10	-15.95	-23.15	0.00	0.00	-16.22	0.60	0.00	0.00	0.00	0.00	0.00	-5.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	8.63	5.02	5.55	20.23	3.16	14.34	37.34	39.65	42.68	49.94	56.05	63.37	67.47	61.49	60.19	66.99	57.65	55.83	43.89	49.98	51.32	53.14	50.45	31.35
61758	0.21	0.10	0.09	0.37	0.07	0.38	1.37	2.00	2.36	2.75	3.18	4.01	4.47	3.99	3.60	4.06	3.56	3.39	2.67	2.93	3.26	3.23	2.69	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	8.91	5.18	5.71	20.82	3.26	14.82	38.74	54.29	55.97	57.21	58.54	66.13	70.10	63.89	62.63	69.66	59.99	58.35	57.13	57.25	62.34	57.93	52.37	32.52
61762	0.49	0.26	0.25	0.96	0.17	0.86	2.76	3.81	4.44	5.18	5.67	6.76	7.10	6.39	6.05	6.73	5.90	5.91	4.71	5.12	5.48	5.32	4.60	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.83	-11.20	-4.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-11.20	-5.07	-8.80	-2.70	0.00	0.00
MHK VL	8.59	5.01	5.56	20.23	3.15	14.27	36.73	38.26	40.97	47.98	53.73	60.09	63.66	58.04	57.32	63.73	54.88	53.27	41.92	47.85	48.89	50.84	48.76	30.77
61756	0.17	0.09	0.10	0.38	0.06	0.31	0.76	0.60	0.64	0.80	0.86	0.73	0.66	0.54	0.73	0.80	0.79	0.84	0.70	0.80	0.83	0.94	1.00	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	8.64	5.01	5.54	20.18	3.16	14.35	37.49	39.96	43.08	50.45	56.58	64.02	68.17	62.08	60.76	67.57	58.19	56.37	44.31	50.41	51.76	53.54	50.75	31.45
61759	0.22	0.09	0.08	0.32	0.07	0.39	1.52	2.30	2.75	3.27	3.71	4.66	5.17	4.58	4.17	4.64	4.10	3.93	3.10	3.36	3.70	3.64	2.98	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	8.92	5.16	5.70	20.75	3.25	14.79	38.79	57.50	51.19	59.47	63.06	68.21	73.30	66.04	65.41	71.07	64.04	64.19	57.33	53.97	58.69	63.07	67.43	38.68
61761	0.50	0.24	0.24	0.90	0.16	0.83	2.82	3.87	4.50	5.38	6.03	7.29	7.92	6.97	6.52	7.19	6.31	6.15	4.84	5.24	5.69	5.66	4.76	2.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.97	-6.36	-6.92	-4.16	-1.56	-2.38	-1.57	-2.29	-0.94	-3.65	-5.60	-11.27	-1.67	-4.94	-7.51	-14.90	-6.27
NORTH	8.49	4.96	5.50	20.01	3.11	14.03	35.96	37.43	39.98	46.79	52.37	58.51	61.89	56.37	55.65	61.84	53.18	51.61	40.53	46.28	47.26	49.18	47.27	30.06
61755	0.07	0.04	0.05	0.15	0.02	0.07	-0.01	-0.22	-0.34	-0.39	-0.50	-0.85	-1.12	-1.13	-0.94	-1.09	-0.91	-0.82	-0.69	-0.77	-0.80	-0.72	-0.49	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	8.73	5.11	5.68	20.63	3.20	51.02	52.23	38.95	41.77	48.92	54.71	60.97	67.66	58.91	58.04	64.62	55.46	54.01	42.52	48.45	49.64	51.54	49.31	31.06
61845	0.31	0.19	0.23	0.78	0.11	1.08	1.84	1.29	1.44	1.73	1.84	1.61	3.19	1.41	1.46	1.69	1.37	1.58	1.31	1.40	1.58	1.64	1.55	0.97
	0.00	0.00	0.00	0.00	0.00	-16.22	0.60	0.00	0.00	0.00	0.00	0.00	-5.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H 61846	7.01 <span>-1.41</span> <span>0.00</span>	4.10 <span>-0.82</span> <span>0.00</span>	4.55 <span>-0.91</span> <span>0.00</span>	16.53 <span>-3.32</span> <span>0.00</span>	2.57 <span>-0.52</span> <span>0.00</span>	45.25 <span>-4.69</span> <span>-16.22</span>	43.10 <span>-7.29</span> <span>0.60</span>	30.83 <span>-6.83</span> <span>0.00</span>	32.67 <span>-7.66</span> <span>0.00</span>	38.22 <span>-8.97</span> <span>0.00</span>	42.93 <span>-9.94</span> <span>0.00</span>	48.96 <span>-10.40</span> <span>0.00</span>	56.74 <span>-7.73</span> <span>-5.45</span>	48.08 <span>-9.42</span> <span>0.00</span>	47.12 <span>-9.47</span> <span>0.00</span>	52.20 <span>-10.73</span> <span>0.00</span>	45.03 <span>-9.06</span> <span>0.00</span>	43.45 <span>-8.98</span> <span>0.00</span>	34.26 <span>-6.96</span> <span>0.00</span>	39.40 <span>-7.65</span> <span>0.00</span>	39.68 <span>-8.38</span> <span>0.00</span>	40.90 <span>-9.00</span> <span>0.00</span>	39.20 <span>-8.56</span> <span>0.00</span>	25.03 <span>-5.07</span> <span>0.00</span>
PJM 61847	7.89 <span>-0.53</span> <span>0.00</span>	4.58 <span>-0.33</span> <span>0.00</span>	5.05 <span>-0.41</span> <span>0.00</span>	18.45 <span>-1.41</span> <span>0.00</span>	2.88 <span>-0.21</span> <span>0.00</span>	47.01 <span>-2.93</span> <span>-16.22</span>	46.01 <span>-4.38</span> <span>0.60</span>	35.16 <span>-2.49</span> <span>0.00</span>	37.49 <span>-2.84</span> <span>0.00</span>	43.70 <span>-3.48</span> <span>0.00</span>	49.13 <span>-3.74</span> <span>0.00</span>	55.79 <span>-3.57</span> <span>0.00</span>	65.00 <span>0.53</span> <span>-5.45</span>	54.40 <span>-3.10</span> <span>0.00</span>	40.00 <span>-3.23</span> <span>12.49</span>	59.45 <span>-3.48</span> <span>0.00</span>	51.48 <span>-2.61</span> <span>0.00</span>	49.59 <span>-2.84</span> <span>0.00</span>	39.01 <span>-2.20</span> <span>0.00</span>	44.54 <span>-2.51</span> <span>0.00</span>	45.40 <span>-2.66</span> <span>0.00</span>	47.10 <span>-2.80</span> <span>0.00</span>	45.02 <span>-2.74</span> <span>0.00</span>	28.38 <span>-1.71</span> <span>0.00</span>
WEST 61752	7.88 <span>-0.54</span> <span>0.00</span>	4.62 <span>-0.30</span> <span>0.00</span>	5.13 <span>-0.33</span> <span>0.00</span>	18.65 <span>-1.21</span> <span>0.00</span>	2.90 <span>-0.19</span> <span>0.00</span>	12.98 <span>-0.98</span> <span>0.00</span>	33.38 <span>-2.59</span> <span>0.00</span>	34.79 <span>-2.86</span> <span>0.00</span>	36.85 <span>-3.47</span> <span>0.00</span>	43.09 <span>-4.09</span> <span>0.00</span>	48.42 <span>-4.45</span> <span>0.00</span>	55.29 <span>-4.08</span> <span>0.00</span>	59.24 <span>-3.76</span> <span>0.00</span>	54.38 <span>-3.12</span> <span>0.00</span>	53.22 <span>-3.36</span> <span>0.00</span>	58.94 <span>-3.99</span> <span>0.00</span>	50.76 <span>-3.33</span> <span>0.00</span>	48.93 <span>-3.50</span> <span>0.00</span>	38.52 <span>-2.69</span> <span>0.00</span>	44.33 <span>-2.72</span> <span>0.00</span>	44.61 <span>-3.45</span> <span>0.00</span>	45.98 <span>-3.92</span> <span>0.00</span>	44.06 <span>-3.70</span> <span>0.00</span>	28.14 <span>-1.96</span> <span>0.00</span>