

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/29/1999

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	1.44	0.41	0.00	0.47	6.46	16.53	30.36	16.92	12.11	14.26	15.63	13.50	14.17	12.33	12.65	12.07	35.52	29.90	33.38	35.01	30.67	21.87	13.90	11.98
61757	0.06	0.02	0.00	0.02	0.28	0.70	1.40	0.65	0.41	0.49	0.55	0.42	0.44	0.47	0.34	0.27	1.21	1.00	1.08	1.18	1.01	0.70	0.53	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1.37	0.40	0.00	0.45	6.12	15.66	28.66	16.09	11.54	13.60	14.88	12.93	13.55	11.68	12.17	11.71	33.90	28.61	32.00	33.49	29.31	20.93	13.17	11.36
61754	-0.01	0.00	0.00	0.00	-0.07	-0.17	-0.30	-0.18	-0.15	-0.17	-0.20	-0.16	-0.17	-0.18	-0.14	-0.10	-0.41	-0.30	-0.30	-0.34	-0.36	-0.25	-0.20	-0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1.45	0.41	0.00	0.47	6.44	16.61	30.49	17.31	12.58	14.83	16.25	14.11	14.78	12.76	13.28	12.80	37.18	31.31	34.91	36.49	31.91	22.79	14.30	12.16
61760	0.07	0.02	0.00	0.02	0.26	0.78	1.54	1.04	0.89	1.06	1.16	1.03	1.05	0.90	0.97	1.00	2.87	2.40	2.61	2.66	2.25	1.62	0.93	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1.37	0.40	0.00	0.45	6.11	15.60	28.39	15.86	11.38	13.43	14.67	12.72	13.39	11.56	12.01	11.56	33.50	28.24	31.47	32.95	28.89	20.58	12.96	11.29
61753	-0.02	0.00	0.00	0.00	-0.07	-0.24	-0.57	-0.40	-0.31	-0.34	-0.42	-0.37	-0.34	-0.30	-0.30	-0.24	-0.81	-0.67	-0.83	-0.88	-0.77	-0.60	-0.41	-0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1.38	0.40	0.00	0.45	6.15	15.73	28.78	16.18	11.60	13.66	14.95	12.94	13.61	11.76	12.18	11.65	33.79	28.42	31.70	33.20	29.14	20.87	13.25	11.44
61844	0.00	0.00	0.00	0.00	-0.03	-0.10	-0.18	-0.08	-0.09	-0.11	-0.13	-0.14	-0.12	-0.10	-0.13	-0.16	-0.52	-0.48	-0.60	-0.63	-0.52	-0.31	-0.13	-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
HUD VL	1.43	0.41	0.00	0.46	6.36	16.36	29.95	16.96	12.32	14.53	15.92	13.83	14.49	12.51	13.01	12.53	36.36	30.58	34.16	35.79	31.33	22.34	14.05	11.99
61758	0.05	0.01	0.00	0.01	0.18	0.53	1.00	0.70	0.63	0.76	0.84	0.75	0.76	0.65	0.70	0.73	2.05	1.67	1.86	1.96	1.66	1.16	0.68	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1.49	0.42	0.00	0.48	6.63	17.23	31.89	29.58	30.33	30.02	29.72	29.86	29.91	29.95	29.94	29.58	58.51	86.02	94.49	82.15	75.16	32.16	26.06	28.56
61762	0.11	0.03	0.00	0.03	0.45	1.34	2.49	1.53	1.22	1.45	1.60	1.41	1.43	1.22	1.29	1.33	3.78	3.06	3.30	3.45	2.97	2.19	1.25	0.94
	0.00	0.00	0.00	0.00	0.00	-0.05	-0.44	-11.79	-17.41	-14.80	-13.04	-15.37	-14.74	-16.87	-16.35	-16.44	-20.43	-54.05	-58.89	-44.86	-42.53	-8.80	-11.44	-16.10
MHK VL	1.39	0.40	0.00	0.45	6.22	15.92	29.19	16.39	11.78	13.87	15.19	13.18	13.82	11.94	12.38	11.88	34.57	29.13	32.55	34.10	29.93	21.34	13.47	11.59
61756	0.01	0.00	0.00	0.00	0.04	0.09	0.24	0.13	0.09	0.10	0.11	0.10	0.09	0.08	0.07	0.07	0.26	0.23	0.25	0.26	0.26	0.16	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	1.43	0.41	0.00	0.46	6.35	16.38	30.05	17.05	12.38	14.59	15.99	13.89	14.55	12.56	13.07	12.60	36.58	30.81	34.36	35.93	31.44	22.44	14.09	11.99
61759	0.05	0.01	0.00	0.01	0.17	0.54	1.09	0.79	0.69	0.82	0.91	0.81	0.82	0.70	0.76	0.79	2.27	1.90	2.06	2.10	1.78	1.27	0.72	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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.	1.47	0.42	0.00	0.47	6.53	16.85	30.89	18.28	27.08	34.72	34.89	36.06	35.74	35.02	35.95	37.25	47.70	95.60	38.20	37.02	32.36	23.22	14.58	12.36
61761	0.09	0.02	0.00	0.02	0.34	1.02	1.94	1.30	1.12	1.31	1.44	1.28	1.31	1.11	1.20	1.22	3.47	2.91	3.12	3.19	2.70	2.05	1.21	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	-14.27	-19.64	-18.37	-21.70	-20.70	-22.05	-22.45	-24.23	-9.92	-63.78	-2.78	0.00	0.00	0.00	0.00	0.00
NORTH	1.38	0.40	0.00	0.45	6.17	15.77	28.87	16.23	11.64	13.70	14.95	12.89	13.55	11.72	12.13	11.60	33.64	28.29	31.54	33.03	29.00	20.75	13.17	11.40
61755	0.00	0.00	0.00	0.00	-0.02	-0.06	-0.09	-0.04	-0.06	-0.07	-0.13	-0.19	-0.17	-0.15	-0.18	-0.20	-0.66	-0.62	-0.76	-0.81	-0.66	-0.42	-0.20	-0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1.41	0.40	0.00	0.46	6.30	16.14	29.59	16.58	11.95	14.08	15.42	13.35	14.01	12.18	12.54	12.00	35.10	29.53	32.98	34.59	30.32	21.64	13.71	11.78
61845	0.02	0.01	0.00	0.01	0.11	0.31	0.63	0.32	0.26	0.31	0.34	0.27	0.28	0.31	0.23	0.19	0.79	0.63	0.68	0.76	0.65	0.46	0.34	0.26
	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

PJH 61846	1.37 <span>-0.01</span> <span>0.00</span>	0.40 <span>0.00</span> <span>0.00</span>	0.00 <span>0.00</span> <span>0.00</span>	0.45 <span>0.00</span> <span>0.00</span>	6.09 <span>-0.10</span> <span>0.00</span>	15.51 <span>-0.32</span> <span>0.00</span>	28.13 <span>-0.83</span> <span>0.00</span>	15.69 <span>-0.57</span> <span>0.00</span>	11.15 <span>-0.55</span> <span>0.00</span>	13.14 <span>-0.63</span> <span>0.00</span>	14.34 <span>-0.74</span> <span>0.00</span>	12.44 <span>-0.65</span> <span>0.00</span>	13.05 <span>-0.68</span> <span>0.00</span>	11.23 <span>-0.63</span> <span>0.00</span>	11.73 <span>-0.57</span> <span>0.00</span>	11.33 <span>-0.48</span> <span>0.00</span>	32.72 <span>-1.59</span> <span>0.00</span>	27.78 <span>-1.13</span> <span>0.00</span>	31.08 <span>-1.22</span> <span>0.00</span>	32.51 <span>-1.32</span> <span>0.00</span>	28.47 <span>-1.19</span> <span>0.00</span>	20.23 <span>-0.95</span> <span>0.00</span>	12.69 <span>-0.69</span> <span>0.00</span>	11.08 <span>-0.43</span> <span>0.00</span>
PJM 61847	1.37 <span>-0.02</span> <span>0.00</span>	0.40 <span>0.00</span> <span>0.00</span>	0.00 <span>0.00</span> <span>0.00</span>	0.45 <span>0.00</span> <span>0.00</span>	6.06 <span>-0.12</span> <span>0.00</span>	15.47 <span>-0.36</span> <span>0.00</span>	28.19 <span>-0.77</span> <span>0.00</span>	15.86 <span>-0.40</span> <span>0.00</span>	11.35 <span>-0.34</span> <span>0.00</span>	13.35 <span>-0.42</span> <span>0.00</span>	14.61 <span>-0.47</span> <span>0.00</span>	12.69 <span>-0.39</span> <span>0.00</span>	13.29 <span>-0.44</span> <span>0.00</span>	11.43 <span>-0.43</span> <span>0.00</span>	11.95 <span>-0.35</span> <span>0.00</span>	11.52 <span>-0.29</span> <span>0.00</span>	33.33 <span>-0.98</span> <span>0.00</span>	28.20 <span>-0.71</span> <span>0.00</span>	31.62 <span>-0.68</span> <span>0.00</span>	33.06 <span>-0.77</span> <span>0.00</span>	28.95 <span>-0.71</span> <span>0.00</span>	20.61 <span>-0.57</span> <span>0.00</span>	12.94 <span>-0.43</span> <span>0.00</span>	11.15 <span>-0.37</span> <span>0.00</span>
WEST 61752	1.38 <span>-0.01</span> <span>0.00</span>	0.40 <span>0.00</span> <span>0.00</span>	0.00 <span>0.00</span> <span>0.00</span>	0.45 <span>0.00</span> <span>0.00</span>	6.11 <span>-0.08</span> <span>0.00</span>	15.54 <span>-0.30</span> <span>0.00</span>	28.17 <span>-0.79</span> <span>0.00</span>	15.73 <span>-0.53</span> <span>0.00</span>	11.16 <span>-0.53</span> <span>0.00</span>	13.15 <span>-0.62</span> <span>0.00</span>	14.38 <span>-0.70</span> <span>0.00</span>	12.48 <span>-0.61</span> <span>0.00</span>	13.09 <span>-0.64</span> <span>0.00</span>	11.26 <span>-0.60</span> <span>0.00</span>	11.78 <span>-0.53</span> <span>0.00</span>	11.37 <span>-0.44</span> <span>0.00</span>	32.83 <span>-1.48</span> <span>0.00</span>	27.92 <span>-0.98</span> <span>0.00</span>	31.24 <span>-1.06</span> <span>0.00</span>	32.66 <span>-1.17</span> <span>0.00</span>	28.61 <span>-1.05</span> <span>0.00</span>	20.32 <span>-0.85</span> <span>0.00</span>	12.72 <span>-0.65</span> <span>0.00</span>	11.11 <span>-0.40</span> <span>0.00</span>