

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/24/1999

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	1.32	0.50	0.00	0.00	0.09	1.87	18.73	13.99	14.10	14.10	5.47	5.47	5.47	12.95	13.99	13.79	14.71	17.16	24.38	26.72	18.58	13.86	15.33	9.31
61757	0.04	0.02	0.00	0.00	0.00	0.06	0.85	0.46	0.47	0.47	0.18	0.18	0.18	0.43	0.46	0.46	0.49	0.57	0.79	0.92	0.60	0.51	0.61	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1.25	0.47	0.00	0.00	0.09	1.80	17.54	13.26	13.36	13.36	5.20	5.20	5.20	12.27	13.26	13.07	13.94	16.26	23.18	25.45	17.75	13.13	14.45	8.71
61754	-0.02	-0.01	0.00	0.00	0.00	-0.02	-0.34	-0.27	-0.27	-0.27	-0.09	-0.09	-0.09	-0.25	-0.27	-0.26	-0.28	-0.33	-0.42	-0.36	-0.23	-0.22	-0.28	-0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1.34	0.50	0.00	0.00	0.09	1.90	19.01	14.62	14.73	14.73	5.72	5.72	5.72	13.53	14.62	14.40	15.36	17.93	25.72	27.96	19.41	14.43	15.85	9.46
61760	0.07	0.02	0.00	0.00	0.00	0.08	1.13	1.09	1.10	1.10	0.43	0.43	0.43	1.01	1.09	1.07	1.14	1.34	2.12	2.16	1.42	1.08	1.13	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1.26	0.47	0.00	0.00	0.09	1.81	17.60	13.06	13.16	13.16	5.12	5.12	5.12	12.09	13.06	12.87	13.73	16.01	22.79	25.09	17.57	12.95	14.22	8.62
61753	-0.02	-0.01	0.00	0.00	0.00	0.00	-0.28	-0.47	-0.47	-0.47	-0.17	-0.17	-0.17	-0.43	-0.47	-0.46	-0.49	-0.58	-0.81	-0.72	-0.41	-0.40	-0.51	-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
H Q	1.26	0.48	0.00	0.00	0.09	1.81	17.72	13.35	13.45	13.45	5.23	5.23	5.23	12.35	13.35	13.15	14.03	16.37	23.18	25.36	17.70	13.15	14.54	8.80
61844	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.16	-0.18	-0.18	-0.18	-0.06	-0.06	-0.06	-0.17	-0.18	-0.18	-0.19	-0.22	-0.41	-0.44	-0.29	-0.20	-0.18	-0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1.33	0.50	0.00	0.00	0.09	1.88	18.71	14.35	14.45	14.45	5.61	5.61	5.61	13.28	14.35	14.13	15.08	17.59	25.16	27.44	19.07	14.17	15.58	9.32
61758	0.05	0.02	0.00	0.00	0.00	0.06	0.83	0.82	0.82	0.82	0.32	0.32	0.32	0.76	0.82	0.80	0.86	1.00	1.56	1.63	1.08	0.82	0.86	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.07	0.52	0.00	0.00	0.09	5.94	27.70	29.50	29.92	30.92	30.46	32.91	31.38	30.52	30.52	30.51	30.52	34.79	70.71	61.97	27.48	29.68	25.30	25.89
61762	0.11	0.04	0.00	0.00	0.01	0.13	1.68	1.48	1.49	1.49	0.58	0.58	0.58	1.37	1.48	1.45	1.55	1.81	2.66	2.71	1.79	1.40	1.49	0.83
	-21.69	0.00	0.00	0.00	0.00	-3.99	-8.14	-14.49	-14.80	-15.80	-24.59	-27.04	-25.51	-16.63	-15.51	-15.73	-14.75	-16.39	-44.45	-33.46	-7.71	-14.94	-9.09	-16.18
MHK VL	1.28	0.48	0.00	0.00	0.09	1.84	18.12	13.64	13.75	13.75	5.33	5.33	5.33	12.63	13.64	13.44	14.34	16.73	23.88	26.13	18.18	13.49	14.88	8.99
61756	0.01	0.00	0.00	0.00	0.00	0.02	0.24	0.11	0.12	0.12	0.04	0.04	0.04	0.11	0.11	0.11	0.12	0.14	0.29	0.32	0.20	0.14	0.16	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
MILLWD	1.32	0.50	0.00	0.00	0.09	1.87	18.73	14.40	14.51	14.51	5.63	5.63	5.63	13.33	14.40	14.19	15.14	17.66	25.33	27.54	19.12	14.21	15.61	9.33
61759	0.05	0.02	0.00	0.00	0.00	0.06	0.85	0.87	0.88	0.88	0.34	0.34	0.34	0.81	0.87	0.86	0.92	1.07	1.73	1.74	1.14	0.86	0.89	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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.	1.35	0.51	0.00	0.00	0.09	1.92	19.24	25.49	24.74	33.76	27.20	27.20	26.16	36.13	36.13	33.65	36.00	36.00	41.40	28.41	19.70	14.69	16.14	9.62
61761	0.08	0.03	0.00	0.00	0.00	0.10	1.36	1.34	1.35	1.35	0.52	0.52	0.52	1.24	1.34	1.32	1.41	1.64	2.54	2.60	1.72	1.34	1.41	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-10.62	-9.76	-18.78	-21.39	-21.39	-20.35	-22.37	-21.26	-19.00	-20.37	-17.77	-15.26	0.00	0.00	0.00	0.00	0.00
NORTH	1.26	0.48	0.00	0.00	0.09	1.81	17.74	13.34	13.43	13.43	5.23	5.23	5.23	12.34	13.34	13.14	14.01	16.35	23.17	25.34	17.68	13.14	14.52	8.80
61755	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.14	-0.19	-0.20	-0.20	-0.06	-0.06	-0.06	-0.18	-0.19	-0.19	-0.21	-0.24	-0.43	-0.47	-0.30	-0.21	-0.20	-0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1.29	0.49	0.00	0.00	0.09	1.84	18.28	13.83	13.93	13.93	5.41	5.41	5.41	12.80	13.83	13.63	14.53	16.96	24.16	26.42	18.38	13.70	15.13	9.15
61845	0.02	0.01	0.00	0.00	0.00	0.02	0.40	0.30	0.30	0.30	0.12	0.12	0.12	0.28	0.30	0.30	0.31	0.37	0.57	0.62	0.40	0.36	0.41	0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1.26 <span>-0.02</span> <span>0.00</span>	0.48 <span>0.00</span> <span>0.00</span>	0.00 <span>0.00</span> <span>0.00</span>	0.00 <span>0.00</span> <span>0.00</span>	0.09 <span>0.00</span> <span>0.00</span>	1.82 <span>0.00</span> <span>0.00</span>	17.04 <span>-0.84</span> <span>0.00</span>	13.05 <span>-0.48</span> <span>0.00</span>	13.15 <span>-0.48</span> <span>0.00</span>	13.15 <span>-0.48</span> <span>0.00</span>	5.11 <span>-0.18</span> <span>0.00</span>	5.11 <span>-0.18</span> <span>0.00</span>	5.11 <span>-0.18</span> <span>0.00</span>	12.08 <span>-0.44</span> <span>0.00</span>	13.05 <span>-0.48</span> <span>0.00</span>	12.86 <span>-0.47</span> <span>0.00</span>	13.71 <span>-0.51</span> <span>0.00</span>	16.00 <span>-0.59</span> <span>0.00</span>	22.43 <span>-1.17</span> <span>0.00</span>	24.44 <span>-1.36</span> <span>0.00</span>	17.09 <span>-0.90</span> <span>0.00</span>	12.57 <span>-0.78</span> <span>0.00</span>	13.82 <span>-0.90</span> <span>0.00</span>	8.36 <span>-0.52</span> <span>0.00</span>
PJM 61847	1.25 <span>-0.03</span> <span>0.00</span>	0.47 <span>-0.01</span> <span>0.00</span>	0.00 <span>0.00</span> <span>0.00</span>	0.00 <span>0.00</span> <span>0.00</span>	0.09 <span>0.00</span> <span>0.00</span>	1.79 <span>-0.03</span> <span>0.00</span>	17.27 <span>-0.61</span> <span>0.00</span>	13.20 <span>-0.33</span> <span>0.00</span>	13.30 <span>-0.33</span> <span>0.00</span>	13.30 <span>-0.33</span> <span>0.00</span>	5.17 <span>-0.12</span> <span>0.00</span>	5.17 <span>-0.12</span> <span>0.00</span>	5.17 <span>-0.12</span> <span>0.00</span>	12.22 <span>-0.30</span> <span>0.00</span>	13.20 <span>-0.33</span> <span>0.00</span>	13.01 <span>-0.32</span> <span>0.00</span>	13.88 <span>-0.34</span> <span>0.00</span>	16.19 <span>-0.40</span> <span>0.00</span>	22.87 <span>-0.72</span> <span>0.00</span>	24.93 <span>-0.87</span> <span>0.00</span>	17.39 <span>-0.59</span> <span>0.00</span>	12.86 <span>-0.49</span> <span>0.00</span>	14.16 <span>-0.57</span> <span>0.00</span>	8.53 <span>-0.35</span> <span>0.00</span>
WEST 61752	1.26 <span>-0.01</span> <span>0.00</span>	0.48 <span>0.00</span> <span>0.00</span>	0.00 <span>0.00</span> <span>0.00</span>	0.00 <span>0.00</span> <span>0.00</span>	0.09 <span>0.00</span> <span>0.00</span>	1.83 <span>0.01</span> <span>0.00</span>	17.09 <span>-0.79</span> <span>0.00</span>	13.09 <span>-0.44</span> <span>0.00</span>	13.19 <span>-0.44</span> <span>0.00</span>	13.19 <span>-0.44</span> <span>0.00</span>	5.13 <span>-0.16</span> <span>0.00</span>	5.13 <span>-0.16</span> <span>0.00</span>	5.13 <span>-0.16</span> <span>0.00</span>	12.12 <span>-0.40</span> <span>0.00</span>	13.09 <span>-0.44</span> <span>0.00</span>	12.90 <span>-0.43</span> <span>0.00</span>	13.76 <span>-0.46</span> <span>0.00</span>	16.05 <span>-0.54</span> <span>0.00</span>	22.60 <span>-1.00</span> <span>0.00</span>	24.60 <span>-1.20</span> <span>0.00</span>	17.20 <span>-0.78</span> <span>0.00</span>	12.63 <span>-0.72</span> <span>0.00</span>	13.88 <span>-0.84</span> <span>0.00</span>	8.39 <span>-0.49</span> <span>0.00</span>