

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Zonal Data

11/28/1999

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	0.07	1.30	0.00	0.00	0.00	1.53	0.04	0.03	0.04	0.09	6.60	11.68	0.72	0.46	2.53	1.20	25.33	28.07	24.88	23.62	19.00	0.00	5.75	0.79	19.90
61757	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.56	0.04	0.02	0.11	0.06	1.59	1.96	1.71	1.59	1.24	0.36	0.04	0.78	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.07	1.24	0.00	0.00	0.00	0.04	0.05	0.03	0.04	0.09	6.24	11.00	0.68	0.43	2.40	1.13	23.46	25.83	22.87	21.71	17.49	5.30	0.75	18.89	
61754	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-0.12	0.00	0.00	-0.01	-0.01	-0.27	-0.29	-0.30	-0.31	-0.27	-0.08	0.00	-0.23	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.07	1.31	0.00	0.00	0.00	0.04	0.05	0.03	0.04	0.09	6.68	11.81	0.72	0.46	2.56	1.21	25.24	27.70	24.67	23.46	18.97	5.76	0.80	20.13	
61760	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.69	0.04	0.02	0.15	0.07	1.50	1.59	1.51	1.44	1.21	0.37	0.05	1.01	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.07	1.23	0.00	0.00	0.00	0.04	0.05	0.03	0.04	0.09	6.19	10.90	0.68	0.43	2.38	1.12	23.24	25.57	22.59	21.45	17.23	5.23	0.75	18.78	
61753	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.22	0.00	0.00	-0.03	-0.02	-0.50	-0.54	-0.58	-0.58	-0.53	-0.16	0.00	-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	
H Q	0.07	1.24	0.00	0.00	0.00	0.04	0.05	0.03	0.04	0.09	6.26	11.03	0.68	0.43	2.40	1.13	23.48	25.83	22.84	21.74	17.55	5.44	0.76	18.77	
61844	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.09	0.00	0.00	-0.01	-0.01	-0.26	-0.28	-0.33	-0.30	-0.23	-0.05	0.00	-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	0.07	1.30	0.00	0.00	0.00	0.04	0.05	0.03	0.04	0.09	6.57	11.61	0.71	0.45	2.52	1.19	24.81	27.22	24.20	23.01	18.59	5.65	0.78	19.81	
61758	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.48	0.03	0.02	0.10	0.05	1.07	1.11	1.03	0.98	0.83	0.27	0.03	0.70	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	17.55	14.74	0.00	0.00	0.00	0.04	0.05	0.03	13.83	27.43	28.07	28.34	28.34	28.29	28.27	28.28	29.31	31.14	30.29	30.14	29.82	29.24	28.63	20.58	
61762	0.01	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.58	1.04	0.06	0.04	0.22	0.11	2.26	2.21	2.05	1.96	1.64	0.51	0.07	1.46	
	-17.47	-13.39	0.00	0.00	0.00	0.00	0.00	0.00	-13.79	-27.34	-21.19	-16.17	-27.59	-27.82	-25.64	-27.03	-3.32	-2.82	-5.08	-6.15	-10.42	-23.35	-27.82	0.00	
MHK VL	0.07	1.26	0.00	0.00	0.00	0.04	0.05	0.03	0.04	0.09	6.34	11.20	0.69	0.44	2.43	1.15	23.94	26.36	23.48	22.30	17.97	5.45	0.76	19.21	
61756	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.08	0.01	0.00	0.02	0.01	0.20	0.25	0.31	0.28	0.21	0.06	0.01	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	
MILLWD	0.07	1.29	0.00	0.00	0.00	0.04	0.05	0.03	0.04	0.09	6.58	11.63	0.71	0.45	2.52	1.20	24.85	27.27	24.29	23.10	18.67	5.67	0.78	19.84	
61759	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.51	0.03	0.02	0.11	0.06	1.11	1.16	1.12	1.07	0.91	0.28	0.03	0.72	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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.	0.07	1.33	0.00	0.00	0.00	0.04	0.05	0.03	0.04	0.10	6.79	12.01	0.74	0.47	2.60	1.23	25.69	28.16	25.07	23.89	19.32	5.88	0.81	20.45	
61761	0.01	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.49	0.89	0.06	0.03	0.19	0.09	1.95	2.04	1.90	1.82	1.57	0.49	0.06	1.33	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	
NORTH	0.07	1.25	0.00	0.00	0.00	0.04	0.05	0.03	0.04	0.09	6.28	11.07	0.68	0.43	2.41	1.13	23.57	25.96	22.95	21.83	17.60	5.36	0.75	19.07	
61755	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.05	0.00	0.00	0.00	-0.01	-0.17	-0.15	-0.22	-0.20	-0.16	-0.03	0.00	-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	0.07	1.27	0.00	0.00	0.00	0.04	0.05	0.03	0.04	0.09	6.45	11.41	0.70	0.44	2.47	1.17	24.52	27.03	24.09	22.89	18.46	5.69	0.78	19.18	
61845	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.29	0.02	0.01	0.06	0.03	0.78	0.92	0.92	0.86	0.68	0.20	0.02	0.33	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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		0.07 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	1.24 <span style="color:blue">-0.01</span> <span style="color:red">0.00</span>	0.00 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.00 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.00 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.04 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.05 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.03 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.04 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.09 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	6.06 <span style="color:blue">-0.24</span> <span style="color:red">0.00</span>	10.63 <span style="color:blue">-0.49</span> <span style="color:red">0.00</span>	0.66 <span style="color:blue">-0.02</span> <span style="color:red">0.00</span>	0.42 <span style="color:blue">-0.01</span> <span style="color:red">0.00</span>	2.33 <span style="color:blue">-0.09</span> <span style="color:red">0.00</span>	1.10 <span style="color:blue">-0.04</span> <span style="color:red">0.00</span>	22.34 <span style="color:blue">-1.40</span> <span style="color:red">0.00</span>	24.64 <span style="color:blue">-1.47</span> <span style="color:red">0.00</span>	21.80 <span style="color:blue">-1.37</span> <span style="color:red">0.00</span>	20.80 <span style="color:blue">-1.23</span> <span style="color:red">0.00</span>	16.75 <span style="color:blue">-1.04</span> <span style="color:red">0.00</span>	5.16 <span style="color:blue">-0.32</span> <span style="color:red">0.00</span>	0.73 <span style="color:blue">-0.03</span> <span style="color:red">0.00</span>	18.50 <span style="color:blue">-0.36</span> <span style="color:red">0.00</span>
PJM 61847		0.07 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	1.23 <span style="color:blue">-0.02</span> <span style="color:red">0.00</span>	0.00 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.00 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.00 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.04 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.05 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.03 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.04 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.09 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	6.13 <span style="color:blue">-0.17</span> <span style="color:red">0.00</span>	10.80 <span style="color:blue">-0.32</span> <span style="color:red">0.00</span>	0.67 <span style="color:blue">-0.01</span> <span style="color:red">0.00</span>	0.43 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	2.36 <span style="color:blue">-0.06</span> <span style="color:red">0.00</span>	1.12 <span style="color:blue">-0.02</span> <span style="color:red">0.00</span>	22.88 <span style="color:blue">-0.86</span> <span style="color:red">0.00</span>	25.11 <span style="color:blue">-1.00</span> <span style="color:red">0.00</span>	22.21 <span style="color:blue">-0.96</span> <span style="color:red">0.00</span>	21.14 <span style="color:blue">-0.89</span> <span style="color:red">0.00</span>	17.08 <span style="color:blue">-0.70</span> <span style="color:red">0.00</span>	5.28 <span style="color:blue">-0.21</span> <span style="color:red">0.00</span>	0.74 <span style="color:blue">-0.02</span> <span style="color:red">0.00</span>	18.46 <span style="color:blue">-0.39</span> <span style="color:red">0.00</span>
WEST 61752		0.07 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	1.25 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.00 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.00 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.00 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.04 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.05 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.03 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.04 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	0.09 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	6.08 <span style="color:blue">-0.22</span> <span style="color:red">0.00</span>	10.66 <span style="color:blue">-0.46</span> <span style="color:red">0.00</span>	0.67 <span style="color:blue">-0.02</span> <span style="color:red">0.00</span>	0.43 <span style="color:blue">0.00</span> <span style="color:red">0.00</span>	2.34 <span style="color:blue">-0.07</span> <span style="color:red">0.00</span>	1.11 <span style="color:blue">-0.04</span> <span style="color:red">0.00</span>	22.36 <span style="color:blue">-1.38</span> <span style="color:red">0.00</span>	24.63 <span style="color:blue">-1.48</span> <span style="color:red">0.00</span>	21.79 <span style="color:blue">-1.38</span> <span style="color:red">0.00</span>	20.81 <span style="color:blue">-1.22</span> <span style="color:red">0.00</span>	16.74 <span style="color:blue">-1.02</span> <span style="color:red">0.00</span>	5.08 <span style="color:blue">-0.31</span> <span style="color:red">0.00</span>	0.73 <span style="color:blue">-0.02</span> <span style="color:red">0.00</span>	18.84 <span style="color:blue">-0.28</span> <span style="color:red">0.00</span>