

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/27/1999

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	16.40	16.10	13.58	12.83	12.57	12.06	13.58	1.05	2.12	2.12	10.58	10.58	4.87	2.12	2.12	2.12	3.66	19.04	15.90	10.58	2.12	2.12	2.12	20.33
61757	0.53 0.00	0.52 0.00	0.43 0.00	0.41 0.00	0.40 0.00	0.39 0.00	0.43 0.00	0.03 0.00	0.07 0.00	0.07 0.00	0.34 0.00	0.34 0.00	0.15 0.00	0.07 0.00	0.07 0.00	0.07 0.00	0.12 0.00	0.61 0.00	0.51 0.00	0.34 0.00	0.07 0.00	0.07 0.00	0.07 0.00	0.65 0.00
CENTRL 61754	15.69 -0.18 0.00	15.40 -0.18 0.00	13.00 -0.15 0.00	12.28 -0.14 0.00	12.03 -0.14 0.00	11.54 -0.13 0.00	13.00 -0.15 0.00	1.02 0.00 0.00	2.04 -0.01 0.00	2.04 -0.01 0.00	10.13 -0.11 0.00	10.13 -0.11 0.00	4.68 -0.04 0.00	2.04 -0.01 0.00	2.04 -0.01 0.00	2.04 -0.01 0.00	3.51 -0.03 0.00	18.21 -0.22 0.00	15.21 -0.18 0.00	10.13 -0.11 0.00	2.04 -0.01 0.00	2.04 -0.01 0.00	2.04 -0.01 0.00	19.45 -0.23 0.00
DUNWOD 61760	16.85 0.98 0.00	16.54 0.96 0.00	13.96 0.81 0.00	13.19 0.77 0.00	12.92 0.75 0.00	12.39 0.72 0.00	13.96 0.81 0.00	1.08 0.06 0.00	2.18 0.13 0.00	-3.97 0.13 6.15	7.45 0.63 3.42	7.07 0.63 3.80	-0.78 0.29 5.79	-3.97 0.13 6.15	-4.58 0.13 6.76	-4.58 0.13 6.76	-1.89 0.22 5.65	18.88 1.14 0.69	14.63 0.95 1.71	7.45 0.63 3.42	-3.97 0.13 6.15	-3.97 0.13 6.15	-3.97 0.13 6.15	20.90 1.22 0.00
GENESE 61753	15.58 -0.29 0.00	15.29 -0.29 0.00	12.91 -0.24 0.00	12.20 -0.22 0.00	11.95 -0.22 0.00	11.46 -0.21 0.00	12.91 -0.24 0.00	1.02 0.00 0.00	2.03 -0.02 0.00	2.03 -0.02 0.00	10.06 -0.18 0.00	10.06 -0.18 0.00	4.65 -0.07 0.00	2.03 -0.02 0.00	2.03 -0.02 0.00	2.03 -0.02 0.00	3.49 -0.05 0.00	18.09 -0.34 0.00	15.11 -0.28 0.00	10.06 -0.18 0.00	2.03 -0.02 0.00	2.03 -0.02 0.00	2.03 -0.02 0.00	19.32 -0.36 0.00
H Q 61844	15.72 -0.15 0.00	15.43 -0.15 0.00	13.03 -0.12 0.00	12.30 -0.12 0.00	12.06 -0.11 0.00	11.56 -0.11 0.00	13.03 -0.12 0.00	1.02 0.00 0.00	2.04 -0.01 0.00	2.04 -0.01 0.00	10.15 -0.09 0.00	10.15 -0.09 0.00	4.68 -0.04 0.00	2.04 -0.01 0.00	2.04 -0.01 0.00	2.04 -0.01 0.00	3.51 -0.03 0.00	18.25 -0.18 0.00	15.24 -0.15 0.00	10.15 -0.09 0.00	2.04 -0.01 0.00	2.04 -0.01 0.00	2.04 -0.01 0.00	19.49 -0.19 0.00
HUD VL 61758	16.58 0.71 0.00	16.28 0.70 0.00	13.74 0.59 0.00	12.98 0.56 0.00	12.72 0.55 0.00	12.19 0.52 0.00	13.74 0.59 0.00	1.06 0.04 0.00	2.14 0.09 0.00	0.21 0.09 1.93	9.63 0.46 1.07	9.51 0.46 1.19	3.11 0.21 1.82	0.21 0.09 1.93	0.02 0.09 2.12	0.02 0.09 2.12	1.93 0.16 1.77	19.04 0.83 0.22	15.55 0.69 0.53	9.63 0.46 1.07	0.21 0.09 1.93	0.21 0.09 1.93	0.21 0.09 1.93	20.56 0.88 0.00
LONGIL 61762	28.23 1.46 -10.90	27.89 1.43 -10.88	26.74 1.21 -12.38	27.21 1.14 -13.65	26.62 1.11 -13.34	26.74 1.07 -14.00	27.90 1.21 -13.54	28.27 0.09 -27.16	28.99 0.19 -26.75	29.72 0.19 -27.48	29.88 0.94 -18.70	29.88 0.94 -18.70	29.87 0.43 -24.72	29.72 0.19 -27.48	29.58 0.19 -27.34	29.66 0.19 -27.42	29.87 0.32 -26.01	31.60 1.69 -11.48	31.18 1.41 -14.38	31.01 0.94 -19.83	30.44 0.19 -28.20	29.88 0.19 -27.64	29.73 0.19 -27.49	28.91 1.80 -7.43
MHK VL 61756	16.00 0.13 0.00	15.71 0.13 0.00	13.26 0.11 0.00	12.52 0.10 0.00	12.27 0.10 0.00	11.77 0.10 0.00	13.26 0.11 0.00	1.03 0.01 0.00	2.07 0.02 0.00	2.07 0.02 0.00	10.33 0.09 0.00	10.33 0.09 0.00	4.76 0.04 0.00	2.07 0.02 0.00	2.07 0.02 0.00	2.07 0.02 0.00	3.57 0.03 0.00	18.58 0.15 0.00	15.52 0.13 0.00	10.33 0.09 0.00	2.07 0.02 0.00	2.07 0.02 0.00	2.07 0.02 0.00	19.84 0.16 0.00
MILLWD 61759	16.60 0.73 0.00	16.30 0.72 0.00	13.76 0.61 0.00	12.99 0.57 0.00	12.73 0.56 0.00	12.21 0.54 0.00	13.76 0.61 0.00	1.07 0.05 0.00	2.14 0.09 0.00	-2.92 0.09 5.06	7.89 0.47 2.82	7.58 0.47 3.13	0.17 0.22 4.77	-2.92 0.09 5.06	-3.42 0.09 5.56	-3.42 0.09 5.56	-0.95 0.16 4.65	18.71 0.85 0.57	14.70 0.71 1.40	7.89 0.47 2.82	-2.92 0.09 5.06	-2.92 0.09 5.06	-2.92 0.09 5.06	20.59 0.91 0.00
N.Y.C. 61761	20.49 1.25 -3.37	20.37 1.23 -3.56	14.19 1.04 0.00	13.40 0.98 0.00	19.03 0.96 -5.90	12.59 0.92 0.00	14.19 1.04 0.00	1.10 0.08 0.00	2.21 0.16 0.00	20.84 0.16 -18.63	21.40 0.81 -10.35	22.57 0.81 -11.52	22.64 0.37 -17.55	20.84 0.16 -18.63	22.69 0.16 -20.48	22.69 0.16 -20.48	22.02 0.28 -18.20	22.27 1.45 -2.39	22.22 1.21 -5.62	22.72 0.81 -11.67	22.53 0.16 -20.32	22.53 0.16 -20.32	22.82 0.16 -20.61	22.60 1.55 -1.37
NORTH 61755	15.71 -0.16 0.00	15.42 -0.16 0.00	13.02 -0.13 0.00	12.29 -0.13 0.00	12.05 -0.12 0.00	11.56 -0.11 0.00	13.02 -0.13 0.00	1.02 0.00 0.00	2.05 0.00 0.00	2.05 0.00 0.00	10.14 -0.10 0.00	10.14 -0.10 0.00	4.69 -0.03 0.00	2.05 0.00 0.00	2.05 0.00 0.00	2.05 0.00 0.00	3.52 -0.02 0.00	18.24 -0.19 0.00	15.23 -0.16 0.00	10.14 -0.10 0.00	2.05 0.00 0.00	2.05 0.00 0.00	2.05 0.00 0.00	19.47 -0.21 0.00
NPX 61845	16.10 0.23 0.00	15.81 0.23 0.00	13.34 0.19 0.00	12.60 0.18 0.00	12.35 0.18 0.00	11.84 0.17 0.00	13.34 0.19 0.00	1.03 0.01 0.00	2.08 0.03 0.00	2.08 0.03 0.00	10.39 0.15 0.00	10.39 0.15 0.00	4.79 0.07 0.00	2.08 0.03 0.00	2.08 0.03 0.00	2.08 0.03 0.00	3.59 0.05 0.00	18.70 0.27 0.00	15.61 0.22 0.00	10.39 0.15 0.00	2.08 0.03 0.00	2.08 0.03 0.00	2.08 0.03 0.00	19.96 0.28 0.00

H 61846	15.67 <span>-0.20</span> <span>0.00</span>	15.38 <span>-0.20</span> <span>0.00</span>	12.98 <span>-0.17</span> <span>0.00</span>	12.26 <span>-0.16</span> <span>0.00</span>	12.02 <span>-0.15</span> <span>0.00</span>	11.52 <span>-0.15</span> <span>0.00</span>	12.98 <span>-0.17</span> <span>0.00</span>	1.02 <span>0.00</span> <span>0.00</span>	2.03 <span>-0.02</span> <span>0.00</span>	2.03 <span>-0.02</span> <span>0.00</span>	10.11 <span>-0.13</span> <span>0.00</span>	10.11 <span>-0.13</span> <span>0.00</span>	4.67 <span>-0.05</span> <span>0.00</span>	2.03 <span>-0.02</span> <span>0.00</span>	2.03 <span>-0.02</span> <span>0.00</span>	2.03 <span>-0.02</span> <span>0.00</span>	3.50 <span>-0.04</span> <span>0.00</span>	18.19 <span>-0.24</span> <span>0.00</span>	15.19 <span>-0.20</span> <span>0.00</span>	10.11 <span>-0.13</span> <span>0.00</span>	2.03 <span>-0.02</span> <span>0.00</span>	2.03 <span>-0.02</span> <span>0.00</span>	2.03 <span>-0.02</span> <span>0.00</span>	19.43 <span>-0.25</span> <span>0.00</span>
PJM 61847	15.56 <span>-0.31</span> <span>0.00</span>	15.28 <span>-0.30</span> <span>0.00</span>	12.90 <span>-0.25</span> <span>0.00</span>	12.18 <span>-0.24</span> <span>0.00</span>	11.94 <span>-0.23</span> <span>0.00</span>	11.45 <span>-0.22</span> <span>0.00</span>	12.90 <span>-0.25</span> <span>0.00</span>	1.01 <span>-0.01</span> <span>0.00</span>	2.02 <span>-0.03</span> <span>0.00</span>	2.02 <span>-0.03</span> <span>0.00</span>	10.04 <span>-0.20</span> <span>0.00</span>	10.04 <span>-0.20</span> <span>0.00</span>	4.64 <span>-0.08</span> <span>0.00</span>	2.02 <span>-0.03</span> <span>0.00</span>	2.02 <span>-0.03</span> <span>0.00</span>	2.02 <span>-0.03</span> <span>0.00</span>	3.48 <span>-0.06</span> <span>0.00</span>	18.07 <span>-0.36</span> <span>0.00</span>	15.09 <span>-0.30</span> <span>0.00</span>	10.04 <span>-0.20</span> <span>0.00</span>	2.02 <span>-0.03</span> <span>0.00</span>	2.02 <span>-0.03</span> <span>0.00</span>	2.02 <span>-0.03</span> <span>0.00</span>	19.29 <span>-0.39</span> <span>0.00</span>
WEST 61752	15.77 <span>-0.10</span> <span>0.00</span>	15.48 <span>-0.10</span> <span>0.00</span>	13.07 <span>-0.08</span> <span>0.00</span>	12.35 <span>-0.07</span> <span>0.00</span>	12.10 <span>-0.07</span> <span>0.00</span>	11.60 <span>-0.07</span> <span>0.00</span>	13.07 <span>-0.08</span> <span>0.00</span>	1.02 <span>0.00</span> <span>0.00</span>	2.05 <span>0.00</span> <span>0.00</span>	2.05 <span>0.00</span> <span>0.00</span>	10.18 <span>-0.06</span> <span>0.00</span>	10.18 <span>-0.06</span> <span>0.00</span>	4.70 <span>-0.02</span> <span>0.00</span>	2.05 <span>0.00</span> <span>0.00</span>	2.05 <span>0.00</span> <span>0.00</span>	2.05 <span>0.00</span> <span>0.00</span>	3.53 <span>-0.01</span> <span>0.00</span>	18.31 <span>-0.12</span> <span>0.00</span>	15.30 <span>-0.09</span> <span>0.00</span>	10.18 <span>-0.06</span> <span>0.00</span>	2.05 <span>0.00</span> <span>0.00</span>	2.05 <span>0.00</span> <span>0.00</span>	2.05 <span>0.00</span> <span>0.00</span>	19.55 <span>-0.13</span> <span>0.00</span>