

# Day Ahead Market Zonal LBMP

Zonal Data		--- LBMP \$							--- Marginal Cost of Losses							--- Marginal Cost of Congestion							11/20/1999		
		00:00 EST CAPITL 61757 1.38 0.00	01:00 EST 28.19 1.30 0.00	02:00 EST 28.19 1.30 0.00	03:00 EST 27.60 1.27 0.00	04:00 EST 28.19 1.30 0.00	05:00 EST 28.20 1.30 0.00	06:00 EST 28.82 1.33 0.00	07:00 EST 29.89 1.38 0.00	08:00 EST 30.08 1.38 0.00	09:00 EST 30.08 1.38 0.00	10:00 EST 30.08 1.38 0.00	11:00 EST 30.08 1.38 0.00	12:00 EST 30.08 1.38 0.00	13:00 EST 30.08 1.38 0.00	14:00 EST 30.08 1.38 0.00	15:00 EST 30.08 1.38 0.00	16:00 EST 30.08 1.38 0.00	17:00 EST 30.08 1.38 0.00	18:00 EST 30.08 1.38 0.00	19:00 EST 30.08 1.38 0.00	20:00 EST 30.08 1.38 0.00			
CENTRL 61754		28.12 -0.39 0.00	26.53 -0.36 0.00	26.53 -0.36 0.00	25.98 -0.35 0.00	26.53 -0.36 0.00	26.54 -0.36 0.00	27.12 -0.37 0.00	28.12 -0.39 0.00	28.31 -0.39 0.00	28.31 -0.39 0.00	28.31 -0.39 0.00	28.31 -0.39 0.00	28.31 -0.39 0.00	28.31 -0.39 0.00	28.31 -0.39 0.00	28.31 -0.39 0.00	28.31 -0.39 0.00	28.31 -0.39 0.00	28.31 -0.39 0.00	28.31 -0.39 0.00	28.31 -0.39 0.00	28.31 -0.39 0.00	29.50 -0.40 0.00	26.54 -0.36 0.00
DUNWOD 61760		30.47 1.96 0.00	28.73 1.84 0.00	28.73 1.84 0.00	28.14 1.81 0.00	28.73 1.84 0.00	28.75 1.85 0.00	29.38 1.89 0.00	30.47 1.96 0.00	30.67 1.97 0.00	30.67 1.97 0.00	30.67 1.97 0.00	30.67 1.97 0.00	30.67 1.97 0.00	30.67 1.97 0.00	30.67 1.97 0.00	30.67 1.97 0.00	30.67 1.97 0.00	30.67 1.97 0.00	30.67 1.97 0.00	30.67 1.97 0.00	30.67 1.97 0.00	30.67 1.97 0.00	31.95 2.05 0.00	28.75 1.85 0.00
GENESE 61753		28.06 -0.45 0.00	26.46 -0.43 0.00	26.46 -0.43 0.00	25.92 -0.41 0.00	26.46 -0.43 0.00	26.47 -0.43 0.00	27.06 -0.43 0.00	28.06 -0.45 0.00	28.25 -0.45 0.00	28.25 -0.45 0.00	28.25 -0.45 0.00	28.25 -0.45 0.00	28.25 -0.45 0.00	28.25 -0.45 0.00	28.25 -0.45 0.00	28.25 -0.45 0.00	28.25 -0.45 0.00	28.25 -0.45 0.00	28.25 -0.45 0.00	28.25 -0.45 0.00	28.25 -0.45 0.00	28.25 -0.45 0.00	29.43 -0.47 0.00	26.47 -0.43 0.00
H Q 61844		28.20 -0.31 0.00	26.60 -0.29 0.00	26.60 -0.29 0.00	26.04 -0.29 0.00	26.60 -0.29 0.00	26.61 -0.29 0.00	27.19 -0.30 0.00	28.20 -0.31 0.00	28.39 -0.31 0.00	28.39 -0.31 0.00	28.39 -0.31 0.00	28.39 -0.31 0.00	28.39 -0.31 0.00	28.39 -0.31 0.00	28.39 -0.31 0.00	28.39 -0.31 0.00	28.39 -0.31 0.00	28.39 -0.31 0.00	28.39 -0.31 0.00	28.39 -0.31 0.00	28.39 -0.31 0.00	28.39 -0.31 0.00	29.57 -0.33 0.00	26.61 -0.29 0.00
HUD VL 61758		29.90 1.39 0.00	28.20 1.31 0.00	28.20 1.31 0.00	27.61 1.28 0.00	28.20 1.31 0.00	28.21 1.31 0.00	28.83 1.34 0.00	29.90 1.39 0.00	30.10 1.40 0.00	30.10 1.40 0.00	30.10 1.40 0.00	30.10 1.40 0.00	30.10 1.40 0.00	30.10 1.40 0.00	30.10 1.40 0.00	30.10 1.40 0.00	30.10 1.40 0.00	30.10 1.40 0.00	30.10 1.40 0.00	30.10 1.40 0.00	30.10 1.40 0.00	30.10 1.40 0.00	31.36 1.46 0.00	28.21 1.31 0.00
LONGIL 61762		31.19 2.68 0.00	29.41 2.52 0.00	29.41 2.52 0.00	28.80 2.47 0.00	29.41 2.52 0.00	29.42 2.52 0.00	30.07 2.58 0.00	31.19 2.68 0.00	31.71 2.69 -0.32	31.99 2.69 -0.60	31.99 2.69 -0.60	32.06 2.69 -0.67	31.99 2.69 -0.60	31.95 2.69 -0.56	31.95 2.69 -0.56	31.83 2.69 -0.44	32.25 2.69 -0.86	33.84 2.69 -2.45	33.84 2.69 -2.45	33.51 2.69 -2.12	33.10 2.69 -1.71	32.74 2.69 -1.35	32.71 2.81 0.00	31.52 2.52 -2.10
MHK VL 61756		28.77 0.26 0.00	27.14 0.25 0.00	27.14 0.25 0.00	26.57 0.24 0.00	27.14 0.25 0.00	27.15 0.25 0.00	27.74 0.25 0.00	28.77 0.26 0.00	28.97 0.27 0.00	28.97 0.27 0.00	28.97 0.27 0.00	28.97 0.27 0.00	28.97 0.27 0.00	28.97 0.27 0.00	28.97 0.27 0.00	28.97 0.27 0.00	28.97 0.27 0.00	28.97 0.27 0.00	28.97 0.27 0.00	28.97 0.27 0.00	28.97 0.27 0.00	28.97 0.27 0.00	30.18 0.28 0.00	27.15 0.25 0.00
MILLWD 61759		30.03 1.52 0.00	28.33 1.44 0.00	28.33 1.44 0.00	27.74 1.41 0.00	28.33 1.44 0.00	28.34 1.44 0.00	28.96 1.47 0.00	30.03 1.52 0.00	30.23 1.53 0.00	30.23 1.53 0.00	30.23 1.53 0.00	30.23 1.53 0.00	30.23 1.53 0.00	30.23 1.53 0.00	30.23 1.53 0.00	30.23 1.53 0.00	30.23 1.53 0.00	30.23 1.53 0.00	30.23 1.53 0.00	30.23 1.53 0.00	30.23 1.53 0.00	30.23 1.53 0.00	31.50 1.60 0.00	28.34 1.44 0.00
N.Y.C. 61761		41.08 2.33 -10.24	40.30 2.20 -11.21	40.30 2.20 -11.21	30.80 2.15 -2.32	31.07 2.20 -1.98	40.31 2.20 -11.21	29.74 2.25 0.00	30.84 2.33 0.00	31.04 2.34 0.00	31.93 2.34 -0.89	41.17 2.34 -10.13	31.93 2.34 -0.89	31.93 2.34 -0.89	31.93 2.34 -0.89	31.93 2.34 -0.89	31.93 2.34 -0.89	41.17 2.34 -10.13	41.17 2.34 -10.13	41.17 2.34 -10.13	41.17 2.34 -10.13	44.00 2.34 -12.96	44.57 2.44 -12.23	43.15 2.20 -14.05	
NORTH 61755		28.22 -0.29 0.00	26.62 -0.27 0.00	26.62 -0.27 0.00	26.07 -0.26 0.00	26.62 -0.27 0.00	26.63 -0.27 0.00	27.21 -0.28 0.00	28.22 -0.29 0.00	28.41 -0.29 0.00	28.41 -0.29 0.00	28.41 -0.29 0.00	28.41 -0.29 0.00	28.41 -0.29 0.00	28.41 -0.29 0.00	28.41 -0.29 0.00	28.41 -0.29 0.00	28.41 -0.29 0.00	28.41 -0.29 0.00	28.41 -0.29 0.00	28.41 -0.29 0.00	28.41 -0.29 0.00	28.41 -0.29 0.00	29.60 -0.30 0.00	26.63 -0.27 0.00
NPX 61845		29.20 0.69 0.00	27.54 0.65 0.00	27.54 0.65 0.00	26.96 0.63 0.00	27.54 0.65 0.00	27.55 0.65 0.00	28.15 0.66 0.00	29.20 0.69 0.00	29.39 0.69 0.00	29.39 0.69 0.00	29.39 0.69 0.00	29.39 0.69 0.00	29.39 0.69 0.00	29.39 0.69 0.00	29.39 0.69 0.00	29.39 0.69 0.00	29.39 0.69 0.00	29.39 0.69 0.00	29.39 0.69 0.00	29.39 0.69 0.00	29.39 0.69 0.00	30.62 0.72 0.00	27.55 0.65 0.00	

O H 61846	27.32 <span>-1.19</span> <span>0.00</span>	25.77 <span>-1.12</span> <span>0.00</span>	25.77 <span>-1.12</span> <span>0.00</span>	25.23 <span>-1.10</span> <span>0.00</span>	25.77 <span>-1.12</span> <span>0.00</span>	25.78 <span>-1.12</span> <span>0.00</span>	26.34 <span>-1.15</span> <span>0.00</span>	27.32 <span>-1.19</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	27.50 <span>-1.20</span> <span>0.00</span>	28.65 <span>-1.25</span> <span>0.00</span>	25.78 <span>-1.12</span> <span>0.00</span>
PJM 61847	27.46 <span>-1.05</span> <span>0.00</span>	25.90 <span>-0.99</span> <span>0.00</span>	25.90 <span>-0.99</span> <span>0.00</span>	25.36 <span>-0.97</span> <span>0.00</span>	25.90 <span>-0.99</span> <span>0.00</span>	25.91 <span>-0.99</span> <span>0.00</span>	26.48 <span>-1.01</span> <span>0.00</span>	27.46 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	27.65 <span>-1.05</span> <span>0.00</span>	28.80 <span>-1.10</span> <span>0.00</span>	25.91 <span>-0.99</span> <span>0.00</span>
WEST 61752	27.29 <span>-1.22</span> <span>0.00</span>	25.74 <span>-1.15</span> <span>0.00</span>	25.74 <span>-1.15</span> <span>0.00</span>	25.20 <span>-1.13</span> <span>0.00</span>	25.74 <span>-1.15</span> <span>0.00</span>	25.75 <span>-1.15</span> <span>0.00</span>	26.31 <span>-1.18</span> <span>0.00</span>	27.29 <span>-1.22</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	27.47 <span>-1.23</span> <span>0.00</span>	28.62 <span>-1.28</span> <span>0.00</span>	25.75 <span>-1.15</span> <span>0.00</span>