

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

03/31/2004

| 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 | 35.39 | 31.42 | 30.03 | 30.02 | 33.16 | 42.05 | 48.46 | 51.39 | 54.07 | 54.38 | 55.17 | 54.46 | 51.89 | 50.49 | 49.58 | 50.03 | 51.52 | 54.73 | 65.06 | 64.08 | 58.74 | 51.00 | 46.07 | 41.91 |
| 61757 | 1.49 | 1.32 | 1.22 | 1.21 | 1.41 | 1.88 | 2.77 | 3.02 | 3.28 | 3.38 | 3.48 | 3.61 | 3.04 | 2.87 | 2.62 | 2.70 | 3.01 | 3.59 | 3.63 | 3.47 | 3.19 | 2.55 | 1.94 | 1.74 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 32.49 | 28.90 | 27.87 | 27.88 | 30.60 | 38.58 | 44.27 | 47.15 | 49.54 | 49.54 | 50.20 | 49.61 | 47.53 | 46.23 | 45.40 | 45.72 | 47.05 | 49.73 | 59.96 | 59.20 | 54.10 | 47.25 | 42.36 | 38.23 |
| 61754 | -1.41 | -1.20 | -0.94 | -0.93 | -1.15 | -1.59 | -1.42 | -1.22 | -1.25 | -1.46 | -1.49 | -1.24 | -1.32 | -1.39 | -1.56 | -1.61 | -1.46 | -1.41 | -1.47 | -1.41 | -1.45 | -1.20 | -1.77 | -1.93 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| DUNWOD | 35.73 | 31.70 | 30.28 | 30.25 | 33.43 | 42.34 | 48.52 | 52.03 | 54.78 | 55.25 | 55.94 | 55.27 | 52.85 | 51.48 | 50.52 | 51.08 | 52.59 | 55.40 | 66.26 | 65.23 | 59.93 | 52.37 | 47.57 | 43.05 |
| 61760 | 1.83 | 1.60 | 1.47 | 1.44 | 1.68 | 2.17 | 2.83 | 3.34 | 3.56 | 3.83 | 3.93 | 4.07 | 3.57 | 3.38 | 3.10 | 3.31 | 3.64 | 3.89 | 4.73 | 4.61 | 4.22 | 3.54 | 3.00 | -2.89 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.32 | -0.43 | -0.42 | -0.32 | -0.35 | -0.43 | -0.48 | -0.46 | -0.44 | -0.44 | -0.37 | -0.10 | -0.01 | -0.16 | -0.38 | -0.44 | 0.01 |
| GENESE | 32.53 | 28.94 | 27.86 | 27.90 | 30.33 | 38.44 | 44.12 | 47.73 | 50.24 | 50.25 | 50.73 | 50.31 | 48.10 | 46.70 | 45.93 | 45.97 | 47.17 | 50.05 | 60.09 | 59.60 | 54.17 | 47.45 | 42.10 | 37.29 |
| 61753 | -1.37 | -1.16 | -0.95 | -0.91 | -1.42 | -1.73 | -1.57 | -0.64 | -0.55 | -0.75 | -0.96 | -0.54 | -0.75 | -0.92 | -1.03 | -1.36 | -1.34 | -1.09 | -1.34 | -1.01 | -1.38 | -1.00 | -2.03 | -2.96 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.08 |
| H Q | 33.52 | 29.95 | 28.64 | 28.64 | 31.59 | 38.49 | 46.07 | 47.69 | 50.03 | 50.23 | 50.97 | 49.88 | 48.12 | 47.00 | 46.54 | 46.86 | 47.83 | 50.37 | 60.51 | 59.70 | 54.72 | 47.58 | 43.82 | 39.89 |
| 61844 | -0.14 | -0.15 | -0.17 | -0.17 | -0.16 | -0.20 | -0.46 | -0.68 | -0.76 | -0.77 | -0.72 | -0.97 | -0.73 | -0.62 | -0.42 | -0.47 | -0.68 | -0.77 | -0.92 | -0.91 | -0.83 | -0.87 | -0.31 | -0.28 |
| | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 1.48 | -0.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 35.18 | 31.22 | 29.82 | 29.80 | 32.98 | 41.72 | 47.79 | 50.63 | 53.24 | 53.78 | 54.55 | 53.84 | 51.39 | 50.03 | 49.14 | 49.69 | 51.17 | 53.88 | 64.85 | 63.89 | 58.59 | 51.00 | 46.22 | 42.42 |
| 61758 | 1.28 | 1.12 | 1.01 | 0.99 | 1.23 | 1.55 | 2.10 | 2.26 | 2.45 | 2.78 | 2.86 | 2.99 | 2.54 | 2.41 | 2.18 | 2.36 | 2.66 | 2.74 | 3.42 | 3.28 | 3.04 | 2.55 | 2.09 | 2.26 |
| | 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 | 0.01 |
| LONGIL | 42.03 | 32.56 | 31.07 | 33.89 | 34.33 | 43.26 | 48.74 | 52.82 | 54.19 | 55.54 | 58.22 | 56.18 | 55.49 | 51.23 | 50.46 | 50.91 | 54.94 | 57.31 | 67.38 | 67.15 | 66.08 | 62.18 | 48.48 | 43.93 |
| 61762 | 2.71 | 2.45 | 2.26 | 2.22 | 2.58 | 3.09 | 3.59 | 4.53 | 4.79 | 4.82 | 4.77 | 4.91 | 4.31 | 4.18 | 3.91 | 4.13 | 4.43 | 4.70 | 5.84 | 5.69 | 5.18 | 4.42 | 3.82 | 3.77 |
| | -5.42 | -0.01 | 0.00 | -2.86 | 0.00 | 0.00 | 0.54 | 0.08 | 1.39 | 0.28 | -1.76 | -0.42 | -2.33 | 0.57 | 0.41 | 0.55 | -2.00 | -1.47 | -0.11 | -0.85 | -5.35 | -9.31 | -0.53 | 0.01 |
| MHK VL | 33.77 | 29.96 | 28.68 | 28.69 | 31.63 | 40.08 | 45.97 | 48.68 | 51.07 | 51.24 | 51.92 | 51.05 | 49.03 | 47.79 | 47.05 | 47.42 | 48.65 | 51.43 | 61.94 | 61.07 | 55.89 | 48.60 | 43.91 | 39.88 |
| 61756 | -0.13 | -0.14 | -0.13 | -0.12 | -0.12 | -0.09 | 0.28 | 0.31 | 0.28 | 0.24 | 0.23 | 0.21 | 0.18 | 0.17 | 0.09 | 0.09 | 0.14 | 0.29 | 0.51 | 0.46 | 0.34 | 0.15 | -0.22 | -0.28 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| MILLWD | 35.27 | 31.29 | 29.89 | 29.86 | 33.02 | 41.79 | 47.86 | 51.19 | 53.91 | 54.37 | 55.07 | 54.41 | 52.01 | 50.66 | 49.76 | 50.29 | 51.78 | 54.50 | 65.25 | 64.22 | 59.04 | 51.57 | 46.85 | 42.49 |
| 61759 | 1.37 | 1.19 | 1.08 | 1.05 | 1.27 | 1.62 | 2.17 | 2.56 | 2.77 | 3.03 | 3.12 | 3.28 | 2.81 | 2.64 | 2.42 | 2.60 | 2.91 | 3.06 | 3.74 | 3.60 | 3.36 | 2.81 | 2.36 | 2.33 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.26 | -0.35 | -0.34 | -0.26 | -0.28 | -0.35 | -0.40 | -0.38 | -0.36 | -0.36 | -0.30 | -0.08 | -0.01 | -0.13 | -0.31 | -0.36 | 0.01 |
| N.Y.C. | 36.20 | 32.11 | 30.65 | 30.63 | 33.85 | 42.87 | 49.26 | 61.70 | 67.59 | 69.83 | 68.74 | 65.96 | 65.75 | 65.81 | 64.14 | 64.06 | 65.73 | 69.54 | 76.51 | 71.96 | 69.40 | 63.87 | 60.77 | 43.61 |
| 61761 | 2.30 | 2.01 | 1.84 | 1.82 | 2.10 | 2.70 | 3.57 | 4.08 | 4.37 | 4.57 | 4.69 | 4.82 | 4.27 | 4.08 | 3.79 | 3.99 | 4.36 | 4.62 | 5.64 | 5.51 | 5.08 | 4.30 | 3.63 | 3.45 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -9.25 | -12.43 | -14.26 | -12.36 | -10.29 | -12.63 | -14.11 | -13.39 | -12.74 | -12.86 | -13.78 | -9.44 | -5.84 | -8.77 | -11.12 | -13.01 | 0.01 |
| NORTH | 33.18 | 29.39 | 28.07 | 28.08 | 31.07 | 39.31 | 44.37 | 46.91 | 49.13 | 49.36 | 50.08 | 48.57 | 47.16 | 46.07 | 45.62 | 45.93 | 46.83 | 49.44 | 59.33 | 58.60 | 53.70 | 46.48 | 42.92 | 39.06 |
| 61755 | -0.72 | -0.71 | -0.74 | -0.73 | -0.68 | -0.86 | -1.32 | -1.46 | -1.66 | -1.64 | -1.61 | -2.22 | -1.69 | -1.55 | -1.34 | -1.40 | -1.68 | -1.70 | -2.10 | -2.01 | -1.85 | -1.97 | -1.21 | -1.11 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.06 | 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 | 34.95 | 31.27 | 29.88 | 29.88 | 32.99 | 40.26 | 48.63 | 50.74 | 53.33 | 53.70 | 54.43 | 53.75 | 51.29 | 49.95 | 49.07 | 49.60 | 51.03 | 54.62 | 64.87 | 63.88 | 58.61 | 50.97 | 46.16 | 42.21 |
| 61845 | 1.29 | 1.17 | 1.07 | 1.07 | 1.24 | 1.57 | 2.10 | 2.37 | 2.54 | 2.70 | 2.74 | 2.90 | 2.44 | 2.33 | 2.11 | 2.27 | 2.52 | 3.48 | 3.44 | 3.27 | 3.06 | 2.52 | 2.03 | 2.05 |
| | 0.24 | 0.00 | 0.00 | 0.00 | 0.00 | 1.48 | -0.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |

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|---------------|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| H 61846 | 30.00 -3.66 0.24 | 27.00 -3.10 0.00 | 26.13 -2.68 0.00 | 26.13 -2.68 0.00 | 28.23 -3.52 0.00 | 33.99 -4.70 1.48 | 40.91 -5.62 -0.84 | 43.00 -3.37 0.00 | 45.10 -5.69 0.00 | 45.08 -5.92 0.00 | 45.33 -6.36 0.00 | 45.10 -5.75 0.00 | 42.99 -5.86 0.00 | 41.62 -6.00 0.00 | 41.00 -5.96 0.00 | 41.32 -6.01 0.00 | 42.35 -6.16 0.00 | 45.11 -6.03 0.00 | 54.00 -7.43 0.00 | 54.00 -6.61 0.00 | 48.77 -6.78 0.00 | 42.97 -5.48 0.00 | 38.00 -6.13 0.00 | 33.30 -5.86 1.01 |
| PJM 61847 | 28.85 -4.81 0.24 | 26.31 -3.79 0.00 | 25.44 -3.37 0.00 | 25.44 -3.37 0.00 | 28.00 -3.75 0.00 | 33.95 -4.74 1.48 | 43.38 -3.15 -0.84 | 45.81 -2.56 0.00 | 48.20 -2.59 0.00 | 47.28 -3.72 0.00 | 47.71 -3.98 0.00 | 47.70 -3.15 0.00 | 45.09 -3.76 0.00 | 43.76 -3.86 0.00 | 42.12 -4.84 0.00 | 42.36 -4.97 0.00 | 44.19 -4.32 0.00 | 47.30 -3.84 0.00 | 58.79 -2.64 0.00 | 57.94 -2.67 0.00 | 52.55 -3.00 0.00 | 45.20 -3.25 0.00 | 38.83 -5.30 0.00 | 33.93 -5.78 0.46 |
| WEST 61752 | 30.00 -3.90 0.00 | 26.88 -3.22 0.00 | 26.03 -2.78 0.00 | 26.03 -2.78 0.00 | 28.21 -3.54 0.00 | 35.37 -4.80 0.00 | 40.47 -5.22 0.00 | 43.62 -4.75 0.00 | 45.84 -4.95 0.00 | 45.66 -5.34 0.00 | 45.90 -5.79 0.00 | 45.70 -5.15 0.00 | 43.48 -5.37 0.00 | 42.12 -5.50 0.00 | 41.30 -5.66 0.00 | 41.59 -5.74 0.00 | 42.77 -5.74 0.00 | 45.66 -5.48 0.00 | 55.07 -6.36 0.00 | 54.94 -5.67 0.00 | 49.64 -5.91 0.00 | 43.52 -4.93 0.00 | 38.16 -5.97 0.00 | 33.26 -5.96 0.95 |