

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

04/29/2017

| 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 | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| CAPITL | 29.93 | 26.36 | 24.28 | 22.09 | 22.79 | 23.51 | 20.93 | 23.35 | 23.71 | 27.66 | 29.99 | 30.10 | 28.30 | 26.69 | 26.59 | 27.06 | 27.38 | 29.62 | 27.19 | 31.02 | 31.97 | 25.60 | 24.67 | 26.74 |
| 61757 | 0.57 | 0.46 | 0.40 | 0.55 | 0.50 | 0.45 | 0.59 | 0.82 | 1.30 | 1.49 | 1.61 | 1.61 | 1.52 | 1.47 | 1.47 | 1.48 | 1.49 | 1.59 | 1.28 | 1.49 | 1.84 | 1.43 | 1.25 | 0.76 |
| | -18.84 | -17.28 | -16.39 | -10.98 | -12.74 | -14.33 | -9.67 | -7.58 | -0.76 | -0.97 | -1.12 | -1.23 | -1.37 | -1.59 | -1.46 | -1.79 | -1.52 | -1.48 | -5.25 | -5.84 | -0.51 | -0.42 | -2.54 | -11.67 |
| CENTRL | 12.49 | 10.42 | 9.19 | 11.77 | 10.93 | 10.24 | 11.83 | 15.88 | 21.63 | 25.23 | 27.32 | 27.32 | 25.45 | 23.65 | 23.69 | 23.86 | 24.45 | 26.65 | 21.39 | 24.55 | 30.00 | 24.02 | 21.28 | 15.70 |
| 61754 | 0.12 | 0.10 | 0.09 | 0.13 | 0.12 | 0.10 | 0.10 | 0.12 | -0.02 | 0.03 | 0.05 | 0.05 | 0.05 | 0.00 | 0.02 | 0.02 | 0.07 | 0.11 | 0.27 | 0.33 | 0.38 | 0.26 | 0.15 | 0.23 |
| | -1.85 | -1.70 | -1.62 | -1.08 | -1.26 | -1.41 | -1.06 | -0.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | 0.00 | -0.04 | 0.00 | 0.00 | -0.47 | -0.54 | 0.00 | -0.25 | -1.15 | |
| DUNWOD | 24.87 | 21.69 | 19.80 | 19.43 | 19.55 | 19.75 | 18.66 | 21.85 | 24.42 | 29.34 | 31.72 | 33.40 | 34.51 | 33.92 | 34.52 | 35.05 | 36.18 | 36.81 | 34.80 | 36.87 | 41.14 | 33.07 | 25.45 | 24.28 |
| 61760 | 1.26 | 1.02 | 0.86 | 1.19 | 1.09 | 1.00 | 1.22 | 1.73 | 2.77 | 3.30 | 3.57 | 3.57 | 3.35 | 3.17 | 3.19 | 3.21 | 3.29 | 3.53 | 2.87 | 3.22 | 4.00 | 3.21 | 2.80 | 1.80 |
| | -13.08 | -12.05 | -11.46 | -7.67 | -8.91 | -10.02 | -6.77 | -5.17 | 0.00 | -0.83 | -0.89 | -2.57 | -5.75 | -7.12 | -7.66 | -8.04 | -8.51 | -6.74 | -11.27 | -9.97 | -7.52 | -6.10 | -1.77 | -8.16 |
| GENESE | 12.02 | 10.01 | 8.82 | 11.44 | 10.58 | 9.88 | 11.53 | 15.53 | 21.09 | 24.63 | 26.64 | 26.64 | 24.92 | 23.08 | 23.13 | 23.31 | 23.86 | 26.07 | 20.91 | 23.93 | 29.38 | 23.50 | 20.79 | 15.31 |
| 61753 | -0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | -0.05 | -0.10 | -0.56 | -0.58 | -0.63 | -0.63 | -0.48 | -0.57 | -0.54 | -0.52 | -0.51 | -0.48 | -0.12 | -0.19 | -0.24 | -0.26 | -0.29 | 0.06 |
| | -1.50 | -1.39 | -1.32 | -0.88 | -1.02 | -1.15 | -0.90 | -0.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | 0.00 | -0.03 | 0.00 | 0.00 | -0.38 | -0.44 | 0.00 | 0.00 | -0.20 | -0.94 |
| H Q | 9.34 | 8.00 | 7.21 | 10.16 | 9.19 | 8.40 | 10.28 | 13.15 | 15.97 | 18.40 | 18.40 | 18.13 | 18.13 | 16.89 | 16.90 | 17.00 | 17.41 | 18.93 | 19.73 | 22.64 | 28.35 | 22.76 | 20.04 | 13.73 |
| 61844 | -0.40 | -0.33 | -0.28 | -0.40 | -0.36 | -0.33 | -0.39 | -0.55 | -0.78 | -0.93 | -1.01 | -1.01 | -0.94 | -0.87 | -0.90 | -0.90 | -0.93 | -1.01 | -0.93 | -1.04 | -1.27 | -1.00 | -0.84 | -0.59 |
| | 0.79 | 0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.25 | 4.91 | 5.88 | 7.85 | 8.12 | 6.33 | 5.86 | 5.87 | 5.90 | 6.04 | 6.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HUD VL | 24.60 | 21.46 | 19.60 | 19.25 | 19.37 | 19.54 | 18.47 | 21.57 | 24.05 | 28.59 | 30.91 | 32.05 | 32.14 | 31.16 | 31.55 | 32.02 | 32.93 | 34.16 | 31.78 | 34.41 | 38.14 | 30.64 | 25.10 | 24.00 |
| 61758 | 1.10 | 0.90 | 0.76 | 1.08 | 0.98 | 0.88 | 1.08 | 1.49 | 2.40 | 2.82 | 3.05 | 3.05 | 2.87 | 2.69 | 2.72 | 2.74 | 2.83 | 3.08 | 2.48 | 2.79 | 3.46 | 2.78 | 2.46 | 1.59 |
| | -12.97 | -11.94 | -11.36 | -7.60 | -8.83 | -9.93 | -6.72 | -5.13 | 0.00 | -0.56 | -0.60 | -1.73 | -3.87 | -4.84 | -5.16 | -5.48 | -5.73 | -4.53 | -8.65 | -7.93 | -5.06 | -4.10 | -1.76 | -8.09 |
| LONGIL | 27.65 | 22.09 | 20.10 | 19.81 | 19.94 | 21.40 | 25.67 | 26.43 | 31.12 | 34.13 | 36.18 | 36.65 | 37.36 | 38.29 | 38.75 | 40.58 | 40.42 | 39.02 | 36.84 | 38.95 | 42.65 | 36.69 | 29.19 | 27.48 |
| 61762 | 1.76 | 1.41 | 1.15 | 1.56 | 1.48 | 1.36 | 1.66 | 2.36 | 3.64 | 4.31 | 4.72 | 4.74 | 4.44 | 4.11 | 4.19 | 4.21 | 4.34 | 4.70 | 3.74 | 4.26 | 5.21 | 4.13 | 3.65 | 2.36 |
| | -15.36 | -12.06 | -11.47 | -7.68 | -8.91 | -11.31 | -13.33 | -9.12 | -5.83 | -4.62 | -4.20 | -4.64 | -7.52 | -10.55 | -10.89 | -12.57 | -11.71 | -7.77 | -12.45 | -11.00 | -7.82 | -8.80 | -4.66 | -10.80 |
| MHK VL | 12.49 | 10.53 | 9.36 | 11.95 | 11.09 | 10.42 | 11.95 | 15.71 | 20.73 | 24.15 | 26.00 | 26.07 | 24.39 | 22.71 | 22.76 | 22.88 | 23.41 | 25.37 | 21.86 | 25.02 | 30.61 | 24.56 | 21.58 | 15.78 |
| 61756 | 0.23 | 0.19 | 0.16 | 0.23 | 0.20 | 0.18 | 0.23 | 0.34 | 0.54 | 0.65 | 0.74 | 0.74 | 0.66 | 0.54 | 0.54 | 0.50 | 0.51 | 0.53 | 0.43 | 0.57 | 0.71 | 0.57 | 0.46 | 0.31 |
| | -1.73 | -1.72 | -1.72 | -1.15 | -1.34 | -1.50 | -1.04 | -0.42 | 1.46 | 1.72 | 2.00 | 1.93 | 1.67 | 1.46 | 1.45 | 1.42 | 1.48 | 1.71 | -0.77 | -0.77 | -0.28 | -0.23 | -0.25 | -1.14 |
| MILLWD | 25.01 | 21.82 | 19.93 | 19.50 | 19.64 | 19.86 | 18.70 | 21.85 | 24.31 | 29.22 | 31.59 | 33.30 | 34.42 | 33.83 | 34.47 | 35.00 | 36.13 | 36.79 | 34.80 | 36.89 | 41.07 | 33.00 | 25.39 | 24.34 |
| 61759 | 1.22 | 0.98 | 0.83 | 1.16 | 1.06 | 0.97 | 1.16 | 1.66 | 2.66 | 3.18 | 3.44 | 3.44 | 3.20 | 3.00 | 3.05 | 3.07 | 3.15 | 3.43 | 2.75 | 3.13 | 3.85 | 3.07 | 2.71 | 1.75 |
| | -13.26 | -12.22 | -11.62 | -7.78 | -9.03 | -10.16 | -6.86 | -5.24 | 0.00 | -0.84 | -0.90 | -2.60 | -5.82 | -7.20 | -7.75 | -8.13 | -8.61 | -6.81 | -11.40 | -10.09 | -7.60 | -6.17 | -1.80 | -8.28 |
| N.Y.C. | 24.98 | 21.78 | 19.88 | 19.53 | 19.63 | 19.82 | 18.75 | 21.97 | 24.59 | 29.53 | 31.95 | 33.66 | 34.72 | 34.60 | 34.72 | 35.25 | 36.38 | 37.03 | 35.71 | 37.07 | 41.38 | 34.51 | 29.29 | 24.39 |
| 61761 | 1.37 | 1.10 | 0.94 | 1.30 | 1.18 | 1.07 | 1.31 | 1.85 | 2.92 | 3.48 | 3.79 | 3.82 | 3.56 | 3.35 | 3.38 | 3.40 | 3.49 | 3.74 | 3.02 | 3.41 | 4.24 | 3.40 | 2.96 | 1.90 |
| | -13.09 | -12.05 | -11.46 | -7.67 | -8.90 | -10.02 | -6.76 | -5.17 | -0.01 | -0.84 | -0.90 | -2.58 | -5.76 | -7.62 | -7.67 | -8.04 | -8.52 | -6.74 | -12.04 | -9.98 | -7.52 | -7.35 | -5.45 | -8.17 |
| NORTH | 7.02 | 7.02 | 7.02 | 9.90 | 8.95 | 8.18 | 10.03 | 9.52 | 2.65 | 2.49 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 18.88 | 21.65 | 27.28 | 22.03 | 19.44 | 13.30 |
| 61755 | -0.65 | -0.54 | -0.46 | -0.67 | -0.60 | -0.55 | -0.64 | -0.91 | -1.23 | -1.44 | -1.55 | -1.55 | -1.47 | -1.39 | -1.42 | -1.45 | -1.49 | -1.62 | -1.78 | -2.04 | -2.34 | -1.73 | -1.44 | -1.02 |
| | 2.85 | 1.06 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.52 | 17.77 | 21.28 | 24.71 | 24.71 | 22.93 | 21.24 | 21.25 | 21.35 | 21.89 | 23.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NPX | 27.27 | 23.95 | 22.00 | 20.74 | 21.14 | 21.60 | 19.76 | 22.45 | 23.60 | 27.92 | 30.16 | 31.14 | 30.91 | 29.90 | 30.19 | 30.69 | 31.43 | 32.77 | 31.10 | 34.00 | 36.59 | 29.35 | 24.95 | 25.39 |
| 61845 | 0.88 | 0.72 | 0.63 | 0.88 | 0.79 | 0.72 | 0.89 | 1.24 | 1.95 | 2.24 | 2.40 | 2.43 | 2.26 | 2.15 | 2.18 | 2.19 | 2.24 | 2.42 | 1.94 | 2.23 | 2.72 | 2.14 | 1.92 | 1.19 |
| | -15.85 | -14.60 | -13.89 | -9.30 | -10.79 | -12.14 | -8.19 | -6.26 | 0.00 | -0.47 | -0.50 | -1.45 | -3.25 | -4.12 | -4.34 | -4.70 | -4.81 | -3.81 | -8.50 | -8.09 | -4.25 | -3.45 | -2.15 | -9.89 |

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|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH 61846 | 12.24 | 10.27 | 9.09 | 11.50 | 10.71 | 10.04 | 11.47 | 15.22 | 20.07 | 23.42 | 25.44 | 25.41 | 23.72 | 22.00 | 22.16 | 22.34 | 22.94 | 25.03 | 20.31 | 23.20 | 28.17 | 22.57 | 20.00 | 15.21 |
| | -0.29 | -0.20 | -0.16 | -0.24 | -0.21 | -0.24 | -0.36 | -0.61 | -1.58 | -1.79 | -1.83 | -1.85 | -1.68 | -1.65 | -1.52 | -1.50 | -1.44 | -1.51 | -0.85 | -1.07 | -1.45 | -1.19 | -1.15 | -0.36 |
| | -2.01 | -1.85 | -1.76 | -1.18 | -1.37 | -1.54 | -1.15 | -0.88 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | 0.00 | -0.04 | 0.00 | 0.00 | -0.51 | -0.58 | 0.00 | 0.00 | -0.27 | -1.25 |
| PJM 61847 | 17.90 | 15.39 | 13.89 | 15.07 | 14.69 | 14.40 | 14.71 | 18.22 | 22.15 | 26.13 | 28.31 | 28.88 | 28.13 | 26.80 | 27.10 | 27.43 | 28.20 | 29.84 | 26.14 | 28.86 | 33.41 | 26.80 | 22.51 | 19.29 |
| | 0.41 | 0.35 | 0.31 | 0.42 | 0.39 | 0.33 | 0.37 | 0.48 | 0.50 | 0.63 | 0.74 | 0.71 | 0.69 | 0.61 | 0.71 | 0.74 | 0.80 | 0.90 | 0.91 | 0.97 | 1.13 | 0.88 | 0.69 | 0.63 |
| | -6.96 | -6.41 | -6.10 | -4.09 | -4.74 | -5.33 | -3.66 | -2.79 | 0.00 | -0.29 | -0.31 | -0.91 | -2.04 | -2.55 | -2.72 | -2.90 | -3.02 | -2.39 | -4.58 | -4.21 | -2.67 | -2.16 | -0.94 | -4.34 |
| WEST 61752 | 12.33 | 10.34 | 9.15 | 11.62 | 10.82 | 10.11 | 11.60 | 15.42 | 20.33 | 23.75 | 25.84 | 25.82 | 24.08 | 22.31 | 22.49 | 22.67 | 23.28 | 25.41 | 20.61 | 23.51 | 28.67 | 22.95 | 20.33 | 15.41 |
| | -0.14 | -0.07 | -0.04 | -0.08 | -0.06 | -0.10 | -0.19 | -0.39 | -1.32 | -1.46 | -1.42 | -1.45 | -1.32 | -1.35 | -1.18 | -1.17 | -1.10 | -1.14 | -0.54 | -0.73 | -0.95 | -0.81 | -0.81 | -0.12 |
| | -1.94 | -1.79 | -1.70 | -1.14 | -1.32 | -1.49 | -1.12 | -0.86 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.02 | 0.00 | -0.04 | 0.00 | 0.00 | -0.49 | -0.56 | 0.00 | 0.00 | -0.26 | -1.21 |