

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

01/13/2017

| 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 | 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 | 21.17 | 21.57 | 21.38 | 21.46 | 21.46 | 23.40 | 27.28 | 30.84 | 31.84 | 31.81 | 31.40 | 31.66 | 29.63 | 29.64 | 30.04 | 30.34 | 36.56 | 48.55 | 45.06 | 41.32 | 37.25 | 35.12 | 31.35 | 27.85 |
| 61757 | 1.31 | 1.07 | 0.93 | 0.90 | 0.99 | 1.24 | 1.87 | 1.75 | 2.03 | 1.97 | 1.92 | 1.91 | 1.73 | 1.78 | 1.94 | 1.98 | 2.42 | 2.96 | 2.71 | 2.67 | 2.31 | 2.21 | 1.97 | 1.40 |
| | -0.07 | -5.21 | -6.80 | -7.36 | -6.14 | -4.94 | -0.18 | 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 | 20.18 | 16.13 | 14.62 | 14.23 | 15.27 | 18.09 | 25.86 | 29.85 | 30.50 | 30.53 | 30.22 | 30.52 | 28.62 | 28.53 | 28.70 | 28.95 | 34.68 | 46.68 | 43.28 | 39.39 | 35.71 | 33.50 | 29.83 | 27.11 |
| 61754 | 0.38 | 0.31 | 0.27 | 0.26 | 0.30 | 0.36 | 0.60 | 0.76 | 0.69 | 0.69 | 0.74 | 0.77 | 0.72 | 0.67 | 0.59 | 0.60 | 0.54 | 1.09 | 0.93 | 0.73 | 0.77 | 0.59 | 0.44 | 0.66 |
| | -0.01 | -0.54 | -0.70 | -0.76 | -0.63 | -0.51 | -0.02 | 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 | 21.56 | 20.23 | 19.53 | 19.46 | 19.81 | 22.15 | 27.76 | 32.12 | 33.21 | 33.24 | 32.85 | 32.99 | 31.02 | 30.95 | 31.22 | 31.51 | 37.99 | 50.28 | 46.75 | 42.68 | 38.51 | 36.14 | 32.06 | 28.59 |
| 61760 | 1.72 | 1.28 | 1.10 | 1.08 | 1.16 | 1.46 | 2.40 | 3.03 | 3.40 | 3.40 | 3.36 | 3.24 | 3.12 | 3.09 | 3.12 | 3.15 | 3.86 | 4.70 | 4.40 | 4.02 | 3.57 | 3.23 | 2.67 | 2.14 |
| | -0.05 | -3.66 | -4.78 | -5.17 | -4.31 | -3.47 | -0.13 | 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 | 19.82 | 15.72 | 14.19 | 13.81 | 14.86 | 17.70 | 25.40 | 29.32 | 29.78 | 29.78 | 29.55 | 29.87 | 27.98 | 27.97 | 28.08 | 28.30 | 33.93 | 46.13 | 42.52 | 38.35 | 34.94 | 32.88 | 29.30 | 27.00 |
| 61753 | 0.02 | 0.02 | 0.00 | 0.01 | 0.03 | 0.09 | 0.15 | 0.23 | -0.03 | -0.06 | 0.06 | 0.12 | 0.08 | 0.11 | -0.03 | -0.06 | -0.20 | 0.55 | 0.17 | -0.31 | 0.00 | -0.03 | -0.09 | 0.56 |
| | -0.01 | -0.42 | -0.54 | -0.59 | -0.49 | -0.40 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| H Q | 13.80 | 12.70 | 11.01 | 11.06 | 10.97 | 12.73 | 18.17 | 25.87 | 26.51 | 26.54 | 26.24 | 26.48 | 24.78 | 26.60 | 26.89 | 27.10 | 28.50 | 43.87 | 40.81 | 37.30 | 33.69 | 31.45 | 28.44 | 25.55 |
| 61844 | -0.73 | -0.58 | -0.52 | -0.52 | -0.56 | -0.65 | -0.98 | -1.11 | -1.19 | -1.16 | -1.18 | -1.13 | -1.12 | -1.09 | -1.10 | -1.11 | -1.30 | -1.64 | -1.48 | -1.35 | -1.26 | -1.15 | -0.94 | -0.82 |
| | 5.26 | 2.01 | 2.11 | 1.63 | 2.80 | 3.83 | 6.08 | 2.12 | 2.11 | 2.13 | 2.07 | 2.14 | 2.00 | 0.17 | 0.12 | 0.15 | 4.34 | 0.08 | 0.05 | 0.00 | 0.00 | 0.31 | 0.00 | 0.08 |
| HUD VL | 21.47 | 20.16 | 19.48 | 19.38 | 19.73 | 22.02 | 27.61 | 32.00 | 33.00 | 33.00 | 32.61 | 32.75 | 30.80 | 30.75 | 31.00 | 31.28 | 37.69 | 50.14 | 46.50 | 42.49 | 38.33 | 36.00 | 32.00 | 28.59 |
| 61758 | 1.62 | 1.24 | 1.09 | 1.06 | 1.12 | 1.36 | 2.25 | 2.91 | 3.19 | 3.16 | 3.12 | 3.00 | 2.90 | 2.90 | 2.90 | 2.92 | 3.55 | 4.56 | 4.15 | 3.83 | 3.39 | 3.09 | 2.61 | 2.14 |
| | -0.05 | -3.63 | -4.74 | -5.12 | -4.27 | -3.44 | -0.13 | 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 | 21.91 | 20.16 | 19.41 | 19.47 | 19.74 | 22.69 | 29.30 | 33.19 | 34.34 | 34.31 | 35.17 | 35.33 | 33.66 | 33.60 | 33.80 | 34.04 | 40.38 | 51.84 | 48.20 | 45.81 | 41.70 | 38.75 | 47.03 | 42.57 |
| 61762 | 2.06 | 1.21 | 0.98 | 1.10 | 1.09 | 2.00 | 3.51 | 4.10 | 4.53 | 4.47 | 4.27 | 4.20 | 4.02 | 3.98 | 3.99 | 4.03 | 5.02 | 6.25 | 5.85 | 5.26 | 4.75 | 4.28 | 3.55 | 2.96 |
| | -0.05 | -3.66 | -4.78 | -5.17 | -4.31 | -3.47 | -0.56 | 0.00 | 0.00 | 0.00 | -1.41 | -1.39 | -1.74 | -1.76 | -1.71 | -1.66 | -1.23 | -0.01 | -0.01 | -1.89 | -2.00 | -1.56 | -14.09 | -13.16 |
| MHK VL | 20.44 | 16.31 | 14.78 | 14.39 | 15.43 | 18.32 | 26.16 | 30.34 | 30.97 | 31.03 | 30.67 | 31.00 | 29.04 | 28.94 | 29.17 | 29.43 | 35.47 | 47.73 | 44.25 | 40.28 | 36.45 | 34.26 | 30.44 | 27.51 |
| 61756 | 0.63 | 0.44 | 0.38 | 0.37 | 0.42 | 0.55 | 0.91 | 1.25 | 1.16 | 1.19 | 1.18 | 1.25 | 1.14 | 1.09 | 1.07 | 1.08 | 1.33 | 2.14 | 1.91 | 1.62 | 1.50 | 1.35 | 1.06 | 1.06 |
| | -0.01 | -0.58 | -0.76 | -0.82 | -0.68 | -0.55 | -0.02 | 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 | 21.53 | 20.28 | 19.60 | 19.52 | 19.86 | 22.18 | 27.71 | 32.09 | 33.18 | 33.21 | 32.82 | 32.96 | 30.99 | 30.92 | 31.17 | 31.45 | 37.96 | 50.42 | 46.75 | 42.72 | 38.54 | 36.14 | 32.09 | 28.56 |
| 61759 | 1.68 | 1.28 | 1.12 | 1.08 | 1.16 | 1.45 | 2.35 | 3.00 | 3.37 | 3.37 | 3.33 | 3.21 | 3.10 | 3.06 | 3.06 | 3.09 | 3.82 | 4.83 | 4.40 | 4.06 | 3.60 | 3.23 | 2.70 | 2.12 |
| | -0.05 | -3.71 | -4.84 | -5.23 | -4.36 | -3.51 | -0.13 | 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. | 21.75 | 20.36 | 19.64 | 19.58 | 19.93 | 22.27 | 27.94 | 32.38 | 33.50 | 33.60 | 33.15 | 33.32 | 31.36 | 31.26 | 31.51 | 31.79 | 38.33 | 50.64 | 47.13 | 42.99 | 38.86 | 36.44 | 32.36 | 28.80 |
| 61761 | 1.90 | 1.41 | 1.21 | 1.20 | 1.28 | 1.58 | 2.58 | 3.29 | 3.70 | 3.76 | 3.66 | 3.57 | 3.46 | 3.40 | 3.40 | 3.43 | 4.20 | 5.06 | 4.78 | 4.33 | 3.91 | 3.52 | 2.97 | 2.35 |
| | -0.05 | -3.66 | -4.78 | -5.17 | -4.31 | -3.47 | -0.13 | 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 |
| NORTH | 18.65 | 14.30 | 12.77 | 12.32 | 13.39 | 16.12 | 23.57 | 27.35 | 27.75 | 27.96 | 27.57 | 28.06 | 26.14 | 26.16 | 26.39 | 26.63 | 32.26 | 43.53 | 40.61 | 36.92 | 33.20 | 31.40 | 28.18 | 25.50 |
| 61755 | -1.15 | -0.99 | -0.87 | -0.88 | -0.95 | -1.10 | -1.67 | -1.74 | -2.06 | -1.88 | -1.92 | -1.69 | -1.76 | -1.70 | -1.72 | -1.73 | -1.88 | -2.05 | -1.74 | -1.74 | -1.75 | -1.51 | -1.21 | -0.95 |
| | 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 | 21.30 | 20.91 | 20.51 | 20.52 | 20.67 | 22.78 | 27.41 | 31.36 | 32.34 | 32.35 | 31.93 | 32.13 | 30.15 | 30.11 | 30.44 | 30.74 | 37.04 | 49.05 | 45.56 | 41.68 | 37.57 | 35.38 | 31.50 | 28.06 |
| 61845 | 1.44 | 1.10 | 0.95 | 0.92 | 1.00 | 1.27 | 2.02 | 2.27 | 2.53 | 2.51 | 2.45 | 2.38 | 2.26 | 2.26 | 2.33 | 2.38 | 2.90 | 3.46 | 3.22 | 3.02 | 2.62 | 2.47 | 2.12 | 1.61 |
| | -0.06 | -4.52 | -5.91 | -6.39 | -5.33 | -4.29 | -0.16 | 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 |

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|---------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| O H 61846 | 18.39 -0.08 1.33 | 15.92 0.06 -0.57 | 14.46 0.07 -0.75 | 14.08 0.07 -0.81 | 15.07 0.06 -0.67 | 16.89 -0.03 0.30 | 23.68 -0.18 1.38 | 27.63 -0.35 1.11 | 25.75 -0.39 3.67 | 27.07 -0.51 2.26 | 26.90 -0.35 2.23 | 26.95 -0.33 2.47 | 25.55 -0.31 2.04 | 25.55 -0.42 1.89 | 25.55 -0.59 1.96 | 26.55 -0.65 1.16 | 31.55 -1.26 1.32 | 40.35 -1.14 4.10 | 36.93 -1.27 4.15 | 34.55 -1.27 2.83 | 30.15 -0.87 3.92 | 27.89 -1.02 4.00 | 25.37 -0.91 3.10 | 22.22 -0.03 4.20 |
| PJM 61847 | 20.51 0.69 -0.03 | 17.88 0.60 -1.99 | 16.78 0.53 -2.60 | 16.55 0.53 -2.82 | 17.23 0.54 -2.35 | 19.73 0.62 -1.89 | 26.29 0.98 -0.07 | 30.31 1.22 0.00 | 31.15 1.34 0.00 | 31.09 1.25 0.00 | 30.78 1.30 0.00 | 31.00 1.25 0.00 | 29.12 1.23 0.00 | 29.00 1.14 0.00 | 29.17 1.07 0.00 | 29.41 1.05 0.00 | 35.09 0.95 0.00 | 47.00 1.41 0.00 | 43.53 1.18 0.00 | 39.74 1.08 0.00 | 36.06 1.12 0.00 | 33.80 0.89 0.00 | 30.09 0.70 0.00 | 27.35 0.90 0.00 |
| WEST 61752 | 20.22 0.42 -0.01 | 16.27 0.43 -0.55 | 14.76 0.40 -0.72 | 14.35 0.37 -0.78 | 15.37 0.39 -0.65 | 18.12 0.38 -0.52 | 25.78 0.53 -0.02 | 29.70 0.61 0.00 | 30.46 0.65 0.00 | 30.40 0.57 0.00 | 30.19 0.71 0.00 | 30.49 0.74 0.00 | 28.59 0.70 0.00 | 28.36 0.50 0.00 | 28.44 0.34 0.00 | 28.61 0.25 0.00 | 33.93 -0.20 0.00 | 46.09 0.50 0.00 | 42.60 0.26 0.00 | 38.74 0.08 0.00 | 35.26 0.31 0.00 | 32.85 -0.07 0.00 | 29.33 -0.06 0.00 | 27.19 0.74 0.00 |