

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

02/23/2017

| 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 | 17.75 | 13.87 | 21.83 | 24.47 | 23.06 | 7.27 | 21.07 | 18.22 | 17.81 | 20.15 | 18.27 | 12.30 | 7.66 | 10.30 | 13.48 | 6.53 | 5.55 | 11.09 | 19.41 | 18.09 | 19.23 | 19.38 | 12.60 | 7.61 |
| 61757 | 0.87 | 0.39 | 0.87 | 0.86 | 0.20 | 0.43 | 1.15 | 1.09 | 1.07 | 1.20 | 1.05 | 0.70 | 0.39 | 0.53 | 0.70 | 0.40 | 0.31 | 0.63 | 1.12 | 1.03 | 1.06 | 0.97 | 0.67 | 0.39 |
| | -2.91 | -7.32 | -7.33 | -9.98 | -19.65 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.83 | -1.00 | -1.34 | -0.12 | -0.69 | -1.20 | -1.64 | -0.55 | 0.00 | 0.00 | 0.00 | 0.00 |
| CENTRL | 14.50 | 7.10 | 14.64 | 14.96 | 5.57 | 6.96 | 20.37 | 17.40 | 17.01 | 19.28 | 17.56 | 11.82 | 6.59 | 8.95 | 11.65 | 6.13 | 4.70 | 9.44 | 16.96 | 16.93 | 18.66 | 18.85 | 12.15 | 7.33 |
| 61754 | 0.18 | 0.07 | 0.14 | 0.15 | 0.05 | 0.13 | 0.44 | 0.27 | 0.27 | 0.33 | 0.34 | 0.21 | 0.13 | 0.17 | 0.21 | 0.11 | 0.08 | 0.17 | 0.32 | 0.43 | 0.48 | 0.44 | 0.22 | 0.11 |
| | -0.34 | -0.86 | -0.86 | -1.17 | -2.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DUNWOD | 17.34 | 12.14 | 20.21 | 22.16 | 18.19 | 7.43 | 21.89 | 18.95 | 18.60 | 21.09 | 19.14 | 12.89 | 7.15 | 9.73 | 12.73 | 6.72 | 5.54 | 10.42 | 18.63 | 18.37 | 20.14 | 20.32 | 13.00 | 7.81 |
| 61760 | 1.19 | 0.49 | 1.08 | 1.06 | 0.26 | 0.59 | 1.97 | 1.82 | 1.86 | 2.14 | 1.92 | 1.28 | 0.70 | 0.95 | 1.29 | 0.70 | 0.54 | 1.14 | 1.98 | 1.86 | 1.97 | 1.91 | 1.07 | 0.59 |
| | -2.18 | -5.48 | -5.49 | -7.47 | -14.71 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.45 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GENESE | 13.86 | 6.69 | 13.94 | 14.19 | 5.02 | 6.73 | 19.57 | 16.53 | 16.22 | 18.45 | 16.84 | 11.36 | 6.36 | 8.62 | 11.20 | 5.90 | 4.49 | 9.01 | 16.30 | 16.37 | 18.06 | 18.19 | 11.72 | 7.06 |
| 61753 | -0.39 | -0.18 | -0.39 | -0.39 | -0.08 | -0.11 | -0.36 | -0.61 | -0.52 | -0.50 | -0.38 | -0.24 | -0.09 | -0.15 | -0.24 | -0.12 | -0.12 | -0.26 | -0.35 | -0.13 | -0.12 | -0.23 | -0.20 | -0.17 |
| | -0.28 | -0.70 | -0.70 | -0.95 | -1.88 | 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 |
| H Q | 13.55 | 5.98 | 13.23 | 13.22 | 3.11 | 6.61 | 19.20 | 16.51 | 16.12 | 18.23 | 16.54 | 11.15 | 0.79 | 1.92 | 2.25 | 5.00 | 3.78 | 1.19 | 5.26 | 12.25 | 17.50 | 17.78 | 11.56 | 7.02 |
| 61844 | -0.43 | -0.19 | -0.41 | -0.42 | -0.10 | -0.23 | -0.72 | -0.62 | -0.63 | -0.72 | -0.67 | -0.45 | -0.25 | -0.34 | -0.44 | -0.24 | -0.18 | -0.37 | -0.65 | -0.64 | -0.67 | -0.63 | -0.37 | -0.20 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.41 | 6.52 | 8.75 | 0.78 | 0.58 | 7.70 | 10.74 | 3.61 | 0.00 | 0.00 | 0.00 | 0.00 |
| HUD VL | 17.38 | 12.16 | 20.25 | 22.21 | 18.21 | 7.45 | 21.92 | 18.98 | 18.61 | 21.09 | 19.13 | 12.87 | 7.15 | 9.72 | 12.72 | 6.71 | 5.54 | 10.42 | 18.66 | 18.41 | 20.18 | 20.33 | 13.01 | 7.82 |
| 61758 | 1.22 | 0.51 | 1.12 | 1.10 | 0.27 | 0.61 | 2.00 | 1.84 | 1.86 | 2.14 | 1.91 | 1.27 | 0.70 | 0.95 | 1.28 | 0.70 | 0.54 | 1.14 | 2.01 | 1.90 | 2.00 | 1.92 | 1.08 | 0.59 |
| | -2.18 | -5.48 | -5.49 | -7.48 | -14.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.45 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LONGIL | 17.60 | 12.23 | 20.42 | 22.26 | 18.24 | 7.61 | 22.31 | 19.31 | 19.89 | 21.55 | 20.47 | 17.89 | 12.92 | 15.32 | 17.42 | 8.12 | 5.67 | 10.71 | 19.12 | 18.84 | 20.63 | 20.81 | 13.24 | 7.91 |
| 61762 | 1.44 | 0.58 | 1.29 | 1.15 | 0.30 | 0.77 | 2.38 | 2.17 | 2.30 | 2.59 | 2.41 | 1.65 | 0.90 | 1.22 | 1.66 | 0.90 | 0.66 | 1.43 | 2.47 | 2.34 | 2.45 | 2.40 | 1.31 | 0.69 |
| | -2.18 | -5.48 | -5.49 | -7.48 | -14.72 | 0.00 | 0.00 | -0.01 | -0.84 | -0.01 | -0.83 | -4.64 | -5.57 | -5.32 | -4.32 | -1.20 | -0.46 | -0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MHK VL | 14.70 | 7.27 | 14.91 | 15.27 | 5.95 | 7.02 | 20.54 | 17.66 | 17.27 | 19.54 | 17.75 | 11.95 | 4.88 | 6.90 | 8.94 | 5.93 | 4.55 | 7.24 | 13.99 | 15.93 | 18.71 | 18.93 | 12.22 | 7.38 |
| 61756 | 0.35 | 0.14 | 0.29 | 0.29 | 0.07 | 0.18 | 0.61 | 0.53 | 0.52 | 0.59 | 0.53 | 0.34 | 0.18 | 0.25 | 0.33 | 0.17 | 0.12 | 0.28 | 0.54 | 0.54 | 0.54 | 0.52 | 0.29 | 0.16 |
| | -0.38 | -0.96 | -0.98 | -1.35 | -2.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.75 | 2.13 | 2.84 | 0.25 | 0.12 | 2.31 | 3.20 | 1.11 | 0.00 | 0.00 | 0.00 | 0.00 |
| MILLWD | 17.38 | 12.20 | 20.28 | 22.25 | 18.33 | 7.44 | 21.93 | 19.02 | 18.65 | 21.13 | 19.13 | 12.87 | 7.14 | 9.72 | 12.71 | 6.70 | 5.54 | 10.41 | 18.63 | 18.37 | 20.14 | 20.31 | 12.99 | 7.81 |
| 61759 | 1.21 | 0.50 | 1.10 | 1.08 | 0.27 | 0.60 | 2.01 | 1.89 | 1.91 | 2.18 | 1.91 | 1.27 | 0.69 | 0.95 | 1.27 | 0.69 | 0.54 | 1.14 | 1.98 | 1.87 | 1.97 | 1.90 | 1.06 | 0.58 |
| | -2.20 | -5.53 | -5.54 | -7.54 | -14.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.45 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| N.Y.C. | 17.43 | 12.18 | 20.27 | 22.24 | 18.22 | 7.48 | 22.05 | 19.10 | 18.78 | 21.31 | 19.31 | 13.00 | 7.22 | 9.81 | 12.84 | 6.78 | 5.59 | 10.52 | 18.79 | 18.52 | 20.32 | 20.51 | 13.12 | 7.87 |
| 61761 | 1.27 | 0.53 | 1.15 | 1.13 | 0.29 | 0.64 | 2.13 | 1.97 | 2.04 | 2.36 | 2.09 | 1.39 | 0.77 | 1.03 | 1.40 | 0.76 | 0.59 | 1.24 | 2.14 | 2.02 | 2.14 | 2.09 | 1.19 | 0.65 |
| | -2.18 | -5.48 | -5.49 | -7.47 | -14.72 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.45 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NORTH | 13.44 | 5.94 | 13.12 | 13.09 | 3.06 | 6.51 | 18.85 | 16.25 | 15.80 | 17.91 | 16.21 | 10.88 | -13.73 | -15.56 | -21.23 | 2.76 | 2.09 | -19.49 | -23.65 | 2.20 | 17.05 | 17.43 | 11.42 | 6.98 |
| 61755 | -0.54 | -0.23 | -0.52 | -0.54 | -0.15 | -0.33 | -1.08 | -0.89 | -0.94 | -1.05 | -1.00 | -0.72 | -0.40 | -0.50 | -0.71 | -0.39 | -0.32 | -0.63 | -1.08 | -1.11 | -1.13 | -0.98 | -0.51 | -0.24 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 19.78 | 23.83 | 31.96 | 2.86 | 2.14 | 28.14 | 39.21 | 13.20 | 0.00 | 0.00 | 0.00 | 0.00 |
| NPX | 17.47 | 13.07 | 21.08 | 23.42 | 20.04 | 6.76 | 21.57 | 18.42 | 18.04 | 20.42 | 18.50 | 12.44 | 6.91 | 9.42 | 12.30 | 6.50 | 5.47 | 9.99 | 18.36 | 17.57 | 19.47 | 19.32 | 12.65 | 7.58 |
| 61845 | 0.95 | 0.41 | 0.94 | 0.94 | 0.22 | 0.47 | 1.36 | 1.29 | 1.30 | 1.47 | 1.28 | 0.84 | 0.46 | 0.64 | 0.87 | 0.48 | 0.38 | 0.78 | 1.36 | 1.19 | 1.24 | 1.16 | 0.72 | 0.42 |
| | -2.54 | -6.49 | -6.50 | -8.85 | -16.61 | 0.55 | -0.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.53 | 0.06 | -0.35 | 0.12 | -0.06 | 0.25 | 0.00 | 0.06 |

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|---------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-----------------------|
| O H 61846 | 13.64 -0.71 -0.37 | 6.78 -0.32 -0.93 | 13.90 -0.67 -0.93 | 14.24 -0.65 -1.26 | 5.57 -0.13 -2.49 | 6.58 -0.26 0.00 | 18.99 -0.94 0.00 | 15.89 -1.24 0.00 | 15.59 -1.15 0.00 | 17.73 -1.23 0.00 | 16.21 -1.01 0.00 | 10.93 -0.67 0.00 | 6.14 -0.31 0.00 | 8.33 -0.45 0.00 | 10.84 -0.60 0.00 | 5.73 -0.28 0.00 | 4.37 -0.25 -0.08 | 8.72 -0.55 0.00 | 15.71 -0.94 0.00 | 15.89 -0.62 0.00 | 17.58 -0.60 0.00 | 19.10 -0.70 -1.39 | 11.41 -0.52 0.00 | 6.88 -0.35 0.00 |
| PJM 61847 | 15.56 0.36 -1.22 | 9.37 0.14 -3.06 | 17.02 0.32 -3.07 | 18.13 0.32 -4.17 | 11.53 0.10 -8.22 | 7.05 0.21 0.00 | 20.63 0.71 0.00 | 17.65 0.52 0.00 | 17.29 0.55 0.00 | 19.60 0.65 0.00 | 17.83 0.62 0.00 | 11.99 0.39 0.00 | 6.70 0.25 0.00 | 9.11 0.33 0.00 | 11.89 0.45 0.00 | 6.28 0.26 0.00 | 5.00 0.19 -0.25 | 10.48 0.42 -0.80 | 16.26 0.67 1.06 | 17.25 0.75 0.00 | 18.98 0.80 0.00 | 21.00 0.74 -1.85 | 10.62 0.33 1.63 | 7.38 0.16 0.00 |
| WEST 61752 | 13.77 -0.56 -0.36 | 6.81 -0.25 -0.89 | 14.00 -0.53 -0.89 | 14.33 -0.51 -1.22 | 5.51 -0.10 -2.39 | 6.67 -0.17 0.00 | 19.23 -0.69 0.00 | 16.06 -1.08 0.00 | 15.77 -0.97 0.00 | 17.96 -1.00 0.00 | 16.43 -0.79 0.00 | 11.08 -0.52 0.00 | 6.22 -0.23 0.00 | 8.44 -0.34 0.00 | 10.98 -0.46 0.00 | 5.81 -0.21 0.00 | 4.42 -0.20 -0.07 | 8.88 -0.39 0.00 | 16.01 -0.64 0.00 | 16.19 -0.31 0.00 | 17.90 -0.28 0.00 | 18.02 -0.39 0.00 | 11.60 -0.33 0.00 | 6.98 -0.25 0.00 |