

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

11/22/2022

| 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 | 87.92 | 150.01 | 131.99 | 122.84 | 110.95 | 198.62 | 230.85 | 161.72 | 102.10 | 59.71 | 121.70 | 86.85 | 81.15 | 87.15 | 91.80 | 99.03 | 99.76 | 118.79 | 150.66 | 129.89 | 113.25 | 125.82 | 96.91 | 68.46 |
| 61757 | 1.23 | 0.83 | 0.96 | 0.68 | 0.40 | -0.27 | -0.43 | 0.25 | 1.01 | 1.69 | 0.84 | 1.32 | 1.39 | 0.91 | 1.02 | 0.68 | 1.18 | 0.71 | -0.11 | 0.37 | 0.61 | 0.13 | 0.27 | 0.64 |
| | -57.38 | -129.27 | -108.65 | -106.73 | -101.94 | -204.22 | -239.51 | -156.41 | -80.29 | -21.75 | -102.73 | -56.82 | -49.78 | -65.58 | -66.91 | -82.88 | -72.41 | -102.99 | -153.09 | -121.49 | -99.30 | -122.92 | -90.86 | -53.60 |
| CENTRL | 35.19 | 32.20 | 32.71 | 25.44 | 18.04 | 12.81 | 12.97 | 19.42 | 28.60 | 39.03 | 27.62 | 34.41 | 35.12 | 26.81 | 30.14 | 23.09 | 33.36 | 25.04 | 11.34 | 19.31 | 22.73 | 13.89 | 14.09 | 19.42 |
| 61754 | 0.68 | 0.59 | 0.57 | 0.45 | 0.27 | -0.20 | -0.35 | 0.17 | 0.59 | 0.86 | 0.49 | 0.75 | 0.79 | 0.50 | 0.46 | 0.36 | 0.75 | 0.66 | -0.13 | 0.35 | 0.45 | 0.07 | 0.16 | 0.40 |
| | -5.20 | -11.70 | -9.76 | -9.57 | -9.17 | -18.35 | -21.55 | -14.18 | -7.21 | -1.91 | -8.99 | -4.95 | -4.35 | -5.66 | -5.79 | -7.25 | -6.44 | -9.29 | -13.79 | -10.93 | -8.95 | -11.05 | -8.14 | -4.80 |
| DUNWOD | 65.49 | 98.12 | 88.44 | 79.93 | 69.89 | 115.91 | 133.68 | 98.40 | 70.17 | 51.97 | 80.81 | 64.95 | 62.10 | 61.46 | 65.71 | 66.09 | 71.32 | 77.61 | 88.44 | 80.94 | 73.56 | 76.08 | 60.29 | 47.22 |
| 61760 | 2.02 | 1.21 | 1.34 | 0.95 | 0.59 | -0.36 | -0.55 | 0.38 | 1.60 | 2.74 | 1.38 | 2.38 | 2.44 | 1.67 | 1.90 | 1.23 | 2.06 | 1.32 | -0.21 | 0.71 | 1.21 | 0.22 | 0.45 | 1.09 |
| | -34.16 | -77.00 | -64.71 | -63.56 | -60.69 | -121.60 | -142.47 | -92.96 | -47.76 | -12.96 | -61.30 | -33.85 | -29.67 | -39.14 | -39.93 | -49.39 | -43.09 | -61.20 | -90.97 | -72.20 | -59.02 | -73.09 | -54.05 | -31.91 |
| GENESE | 33.99 | 29.76 | 30.64 | 23.43 | 16.15 | 9.13 | 8.61 | 16.44 | 27.07 | 38.40 | 25.85 | 33.31 | 34.16 | 25.69 | 28.87 | 21.61 | 32.07 | 23.26 | 8.49 | 17.15 | 20.88 | 11.68 | 12.45 | 18.48 |
| 61753 | 0.55 | 0.55 | 0.43 | 0.33 | 0.21 | -0.24 | -0.37 | 0.13 | 0.49 | 0.58 | 0.36 | 0.54 | 0.62 | 0.36 | 0.23 | 0.22 | 0.70 | 0.78 | -0.19 | 0.39 | 0.42 | 0.07 | 0.13 | 0.40 |
| | -4.13 | -9.30 | -7.82 | -7.68 | -7.34 | -14.70 | -17.21 | -11.24 | -5.78 | -1.56 | -7.36 | -4.06 | -3.56 | -4.67 | -4.77 | -5.91 | -5.19 | -7.39 | -11.00 | -8.73 | -7.14 | -8.83 | -6.53 | -3.86 |
| H Q | 29.08 | 19.69 | 22.17 | 15.23 | 8.48 | -5.23 | -8.07 | 4.99 | 19.60 | 35.83 | 17.89 | 28.30 | 29.57 | 20.39 | 23.62 | 15.29 | 25.79 | 14.75 | -2.25 | 7.85 | 13.11 | 2.74 | 5.72 | 14.03 |
| 61844 | -0.23 | -0.22 | -0.21 | -0.19 | -0.12 | 0.09 | 0.16 | -0.08 | -0.31 | -0.43 | -0.25 | -0.42 | -0.41 | -0.27 | -0.26 | -0.19 | -0.38 | -0.33 | 0.07 | -0.17 | -0.23 | -0.04 | -0.07 | -0.19 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.90 | 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 | 64.91 | 96.71 | 87.33 | 78.82 | 68.76 | 113.48 | 130.82 | 96.74 | 69.34 | 51.67 | 79.33 | 64.01 | 61.18 | 60.29 | 64.54 | 64.83 | 70.32 | 76.28 | 86.49 | 79.43 | 72.31 | 74.49 | 59.10 | 46.53 |
| 61758 | 2.15 | 1.34 | 1.49 | 1.06 | 0.64 | -0.40 | -0.63 | 0.41 | 1.69 | 2.73 | 1.35 | 2.26 | 2.30 | 1.56 | 1.78 | 1.19 | 2.04 | 1.31 | -0.22 | 0.72 | 1.23 | 0.23 | 0.47 | 1.12 |
| | -33.45 | -75.46 | -63.46 | -62.34 | -59.51 | -119.21 | -139.69 | -91.26 | -46.85 | -12.68 | -59.84 | -33.03 | -28.90 | -38.07 | -38.88 | -48.17 | -42.11 | -59.88 | -89.03 | -70.67 | -57.75 | -71.49 | -52.85 | -31.19 |
| LONGIL | 99.48 | 99.07 | 89.06 | 82.23 | 71.29 | 115.88 | 133.65 | 98.56 | 70.55 | 52.56 | 81.71 | 83.46 | 62.86 | 74.29 | 96.68 | 101.99 | 110.92 | 78.05 | 88.48 | 81.18 | 73.98 | 76.21 | 60.46 | 51.83 |
| 61762 | 2.91 | 1.72 | 1.90 | 1.40 | 0.84 | -0.52 | -0.71 | 0.45 | 1.94 | 3.32 | 1.91 | 3.26 | 3.17 | 2.26 | 2.54 | 1.67 | 2.80 | 1.70 | -0.25 | 0.89 | 1.58 | 0.30 | 0.58 | 1.56 |
| | -67.25 | -77.44 | -64.78 | -65.40 | -61.84 | -121.73 | -142.59 | -93.04 | -47.81 | -12.98 | -61.67 | -51.48 | -29.70 | -51.37 | -70.26 | -84.84 | -81.95 | -61.26 | -91.05 | -72.26 | -59.07 | -73.14 | -54.09 | -36.05 |
| MHK VL | 36.06 | 33.68 | 34.20 | 26.93 | 19.36 | 14.82 | 14.61 | 20.30 | 29.32 | 39.79 | 27.85 | 34.70 | 35.35 | 26.99 | 30.59 | 23.34 | 33.95 | 25.14 | 11.54 | 19.68 | 23.24 | 14.59 | 14.77 | 20.00 |
| 61756 | 1.00 | 0.68 | 0.74 | 0.58 | 0.37 | -0.23 | -0.41 | 0.26 | 1.00 | 1.56 | 0.76 | 1.13 | 1.14 | 0.81 | 0.97 | 0.66 | 1.23 | 0.78 | -0.13 | 0.39 | 0.60 | 0.11 | 0.22 | 0.54 |
| | -5.75 | -13.09 | -11.08 | -10.93 | -10.39 | -20.38 | -23.25 | -14.97 | -7.52 | -1.97 | -8.95 | -4.85 | -4.23 | -5.52 | -5.74 | -7.19 | -6.55 | -9.27 | -13.98 | -11.27 | -9.31 | -11.71 | -8.76 | -5.24 |
| MILLWD | 65.39 | 97.88 | 88.22 | 79.74 | 69.69 | 115.52 | 133.23 | 98.13 | 70.02 | 51.87 | 80.58 | 64.75 | 61.90 | 61.28 | 65.46 | 65.86 | 71.09 | 77.37 | 88.10 | 80.68 | 73.34 | 75.82 | 60.08 | 47.08 |
| 61759 | 2.03 | 1.23 | 1.36 | 0.97 | 0.60 | -0.37 | -0.58 | 0.38 | 1.60 | 2.68 | 1.34 | 2.29 | 2.34 | 1.61 | 1.81 | 1.18 | 2.00 | 1.29 | -0.21 | 0.71 | 1.21 | 0.22 | 0.45 | 1.08 |
| | -34.04 | -76.74 | -64.48 | -63.34 | -60.49 | -121.21 | -142.04 | -92.68 | -47.62 | -12.93 | -61.10 | -33.74 | -29.57 | -39.01 | -39.77 | -49.20 | -42.92 | -60.98 | -90.64 | -71.94 | -58.81 | -72.83 | -53.85 | -31.79 |
| N.Y.C. | 65.66 | 98.22 | 88.56 | 80.01 | 69.96 | 116.00 | 133.77 | 98.50 | 70.35 | 52.25 | 80.99 | 65.25 | 62.42 | 61.68 | 65.96 | 66.26 | 71.57 | 77.79 | 88.49 | 81.05 | 73.72 | 76.14 | 60.35 | 47.32 |
| 61761 | 2.15 | 1.26 | 1.41 | 0.98 | 0.61 | -0.37 | -0.57 | 0.40 | 1.75 | 3.01 | 1.51 | 2.65 | 2.74 | 1.86 | 2.12 | 1.36 | 2.28 | 1.46 | -0.23 | 0.77 | 1.33 | 0.24 | 0.48 | 1.17 |
| | -34.19 | -77.05 | -64.76 | -63.61 | -60.74 | -121.70 | -142.57 | -93.03 | -47.80 | -12.98 | -61.35 | -33.88 | -29.70 | -39.17 | -39.96 | -49.43 | -43.12 | -61.25 | -91.04 | -72.25 | -59.06 | -73.13 | -54.08 | -31.92 |
| NORTH | 23.25 | 15.40 | 17.52 | 14.52 | 8.57 | -5.33 | -8.24 | 5.13 | 21.05 | 36.70 | 18.29 | 28.73 | 29.92 | 20.64 | 23.88 | 15.49 | 26.21 | 14.97 | -2.27 | 7.94 | 13.25 | 2.76 | 5.78 | 14.21 |
| 61755 | -0.31 | -0.28 | -0.27 | -0.20 | -0.03 | 0.00 | -0.01 | 0.07 | 0.25 | 0.44 | 0.15 | 0.01 | -0.07 | -0.01 | 0.00 | 0.01 | 0.04 | -0.13 | 0.05 | -0.09 | -0.08 | 0.00 | -0.01 | -0.01 |
| | 5.75 | 4.23 | 4.59 | 0.70 | 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 | 75.92 | 122.88 | 109.16 | 100.42 | 89.52 | 155.79 | 180.45 | 128.64 | 84.21 | 55.10 | 100.32 | 73.46 | 70.86 | 73.58 | 77.94 | 81.71 | 84.52 | 97.12 | 118.28 | 104.20 | 92.29 | 99.87 | 77.77 | 57.24 |
| 61845 | 1.27 | 0.80 | 0.90 | 0.65 | 0.38 | -0.25 | -0.36 | 0.22 | 0.93 | 1.63 | 0.84 | 1.34 | 1.41 | 0.97 | 1.08 | 0.69 | 1.18 | 0.71 | -0.12 | 0.37 | 0.65 | 0.13 | 0.27 | 0.68 |
| | -45.33 | -102.17 | -85.87 | -84.34 | -80.54 | -161.37 | -189.04 | -123.35 | -62.48 | -17.20 | -81.34 | -43.40 | -39.46 | -51.96 | -52.98 | -65.53 | -57.18 | -81.32 | -120.72 | -95.80 | -78.31 | -96.97 | -71.71 | -42.33 |

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|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| OH 61846 | 34.28 | 31.16 | 31.68 | 24.54 | 23.97 | 11.66 | 11.65 | 18.22 | 27.54 | 37.89 | 26.83 | 33.47 | 34.21 | 26.15 | 29.22 | 22.31 | 32.35 | 24.28 | 10.37 | 18.48 | 21.79 | 13.12 | 13.46 | 18.95 |
| | 0.13 | 0.36 | 0.14 | 0.12 | 0.08 | -0.21 | -0.25 | -0.01 | -0.04 | -0.21 | 0.02 | -0.04 | 0.03 | -0.05 | -0.31 | -0.15 | 0.08 | 0.53 | -0.17 | 0.24 | 0.11 | 0.02 | 0.02 | 0.22 |
| | -4.83 | -10.89 | -9.15 | -8.99 | -15.28 | -17.20 | -20.14 | -13.16 | -6.77 | -1.84 | -8.68 | -4.79 | -4.20 | -5.54 | -5.65 | -6.98 | -6.09 | -8.65 | -12.86 | -10.21 | -8.35 | -10.33 | -7.64 | -4.51 |
| PJM 61847 | 49.73 | 64.05 | 59.63 | 51.78 | 43.08 | 62.65 | 71.31 | 63.19 | 40.18 | 44.86 | 53.35 | 49.10 | 48.03 | 43.54 | 47.21 | 43.80 | 44.59 | 50.33 | 48.57 | 49.07 | 47.21 | 43.93 | 36.40 | 32.84 |
| | 1.23 | 0.91 | 0.91 | 0.67 | 0.40 | -0.29 | -0.44 | 0.21 | 0.79 | 1.32 | 0.79 | 1.37 | 1.39 | 0.91 | 0.91 | 0.59 | 1.01 | 0.88 | -0.18 | 0.51 | 0.74 | 0.13 | 0.27 | 0.71 |
| | -19.18 | -43.23 | -36.33 | -35.68 | -34.08 | -68.27 | -79.99 | -57.91 | -18.59 | -7.28 | -34.42 | -19.01 | -16.66 | -21.97 | -22.42 | -27.73 | -17.41 | -34.36 | -51.07 | -40.53 | -33.13 | -41.03 | -30.34 | -17.91 |
| WEST 61752 | 35.30 | 32.39 | 32.85 | 25.53 | 18.07 | 12.70 | 12.91 | 19.37 | 28.57 | 38.98 | 27.96 | 34.60 | 35.31 | 27.05 | 30.18 | 23.19 | 33.41 | 25.28 | 11.24 | 19.44 | 22.70 | 13.90 | 14.09 | 19.52 |
| | 0.81 | 0.85 | 0.70 | 0.50 | 0.30 | -0.34 | -0.49 | 0.13 | 0.50 | 0.75 | 0.50 | 0.74 | 0.83 | 0.46 | 0.24 | 0.23 | 0.72 | 0.92 | -0.23 | 0.47 | 0.42 | 0.08 | 0.14 | 0.48 |
| | -5.16 | -11.63 | -9.78 | -9.61 | -9.17 | -18.38 | -21.64 | -14.17 | -7.27 | -1.97 | -9.32 | -5.15 | -4.51 | -5.93 | -6.05 | -7.49 | -6.52 | -9.27 | -13.79 | -10.94 | -8.94 | -11.05 | -8.16 | -4.82 |