

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/31/2021

| 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 | 23.24 | 19.83 | 18.52 | 17.52 | 17.11 | 17.12 | 18.78 | 19.79 | 21.04 | 22.07 | 22.04 | 22.01 | 21.82 | 22.07 | 21.35 | 21.95 | 24.10 | 26.43 | 27.81 | 28.63 | 29.44 | 24.36 | 22.17 | 22.84 |
| 61757  | 1.06  | 1.04  | 1.01  | 0.94  | 0.98  | 1.05  | 1.06  | 1.20  | 1.45  | 1.52  | 1.52  | 1.43  | 1.42  | 1.28  | 1.38  | 1.35  | 1.48  | 1.71  | 2.08  | 1.98  | 2.14  | 1.74  | 1.43  | 1.01  |
|        | -7.28 | -3.90 | -3.10 | -2.92 | -2.07 | -1.54 | -3.15 | -2.56 | 0.00  | 0.00  | 0.00  | -1.48 | -1.27 | -2.81 | -0.82 | -2.14 | -3.19 | -2.51 | 0.00  | -2.21 | -0.90 | 0.00  | -2.48 | -7.38 |
| CENTRL | 15.97 | 15.54 | 14.91 | 14.11 | 14.42 | 14.89 | 15.13 | 16.58 | 19.76 | 20.70 | 20.71 | 19.41 | 19.43 | 18.47 | 19.39 | 18.85 | 20.00 | 22.72 | 26.04 | 24.98 | 26.78 | 22.98 | 18.77 | 15.52 |
| 61754  | 0.18  | 0.16  | 0.11  | 0.10  | 0.11  | 0.16  | 0.18  | 0.24  | 0.18  | 0.14  | 0.18  | 0.13  | 0.13  | 0.14  | 0.13  | 0.13  | 0.17  | 0.20  | 0.31  | 0.27  | 0.26  | 0.36  | 0.20  | 0.17  |
|        | -0.90 | -0.48 | -0.38 | -0.36 | -0.25 | -0.19 | -0.39 | -0.31 | 0.00  | 0.00  | 0.00  | -0.18 | -0.16 | -0.35 | -0.10 | -0.26 | -0.39 | -0.31 | 0.00  | -0.27 | -0.11 | 0.00  | -0.30 | -0.91 |
| DUNWOD | 21.77 | 19.29 | 18.15 | 17.17 | 16.98 | 17.12 | 18.33 | 19.51 | 21.62 | 22.73 | 22.62 | 22.17 | 22.15 | 22.06 | 21.92 | 22.13 | 24.01 | 26.58 | 28.56 | 28.77 | 29.94 | 25.04 | 22.11 | 21.42 |
| 61760  | 1.49  | 1.52  | 1.44  | 1.35  | 1.39  | 1.44  | 1.43  | 1.59  | 2.04  | 2.18  | 2.09  | 1.99  | 2.07  | 2.00  | 2.16  | 2.09  | 2.21  | 2.51  | 2.83  | 2.69  | 2.88  | 2.42  | 2.01  | 1.52  |
|        | -5.39 | -2.88 | -2.29 | -2.16 | -1.53 | -1.14 | -2.33 | -1.89 | 0.00  | 0.00  | 0.00  | -1.10 | -0.94 | -2.08 | -0.61 | -1.59 | -2.37 | -1.86 | 0.00  | -1.63 | -0.67 | 0.00  | -1.83 | -5.46 |
| GENESE | 15.33 | 14.98 | 14.37 | 13.61 | 13.91 | 14.38 | 14.58 | 16.09 | 19.17 | 20.04 | 20.07 | 18.72 | 18.76 | 17.87 | 18.73 | 18.24 | 19.40 | 22.03 | 25.39 | 24.26 | 25.96 | 22.35 | 18.23 | 14.97 |
| 61753  | -0.25 | -0.28 | -0.35 | -0.33 | -0.34 | -0.31 | -0.29 | -0.18 | -0.41 | -0.51 | -0.45 | -0.51 | -0.50 | -0.38 | -0.50 | -0.42 | -0.33 | -0.42 | -0.34 | -0.39 | -0.53 | -0.27 | -0.27 | -0.17 |
|        | -0.69 | -0.37 | -0.29 | -0.28 | -0.20 | -0.15 | -0.30 | -0.24 | 0.00  | 0.00  | 0.00  | -0.14 | -0.12 | -0.27 | -0.08 | -0.20 | -0.30 | -0.24 | 0.00  | -0.21 | -0.09 | 0.00  | -0.23 | -0.70 |
| H Q    | 14.40 | 14.40 | 13.99 | 13.25 | 13.63 | 14.07 | 14.10 | 15.46 | 18.94 | 19.87 | 19.84 | 18.46 | 18.51 | 17.39 | 18.50 | 17.83 | 18.75 | 21.43 | 24.83 | 23.61 | 25.50 | 21.82 | 17.63 | 13.96 |
| 61844  | -0.49 | -0.49 | -0.43 | -0.41 | -0.42 | -0.47 | -0.47 | -0.56 | -0.65 | -0.68 | -0.68 | -0.63 | -0.63 | -0.59 | -0.65 | -0.63 | -0.68 | -0.78 | -0.90 | -0.83 | -0.90 | -0.79 | -0.64 | -0.48 |
|        | 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  |
| HUD VL | 21.55 | 19.09 | 17.96 | 17.00 | 16.81 | 16.94 | 18.15 | 19.32 | 21.39 | 22.46 | 22.35 | 21.91 | 21.87 | 21.79 | 21.65 | 21.85 | 23.71 | 26.25 | 28.20 | 28.38 | 29.62 | 24.79 | 21.87 | 21.17 |
| 61758  | 1.34  | 1.36  | 1.28  | 1.22  | 1.25  | 1.28  | 1.28  | 1.43  | 1.80  | 1.91  | 1.83  | 1.74  | 1.80  | 1.74  | 1.90  | 1.83  | 1.94  | 2.20  | 2.47  | 2.32  | 2.56  | 2.17  | 1.79  | 1.34  |
|        | -5.32 | -2.84 | -2.26 | -2.13 | -1.51 | -1.12 | -2.30 | -1.87 | 0.00  | 0.00  | 0.00  | -1.09 | -0.93 | -2.06 | -0.60 | -1.57 | -2.34 | -1.84 | 0.00  | -1.61 | -0.66 | 0.00  | -1.81 | -5.39 |
| LONGIL | 21.72 | 19.12 | 17.95 | 16.96 | 16.77 | 17.03 | 18.36 | 19.67 | 21.96 | 23.14 | 23.90 | 24.00 | 24.20 | 25.23 | 26.13 | 26.78 | 30.56 | 32.19 | 33.34 | 33.39 | 34.14 | 31.73 | 25.24 | 21.67 |
| 61762  | 1.43  | 1.34  | 1.24  | 1.15  | 1.19  | 1.35  | 1.46  | 1.75  | 2.37  | 2.59  | 2.61  | 2.46  | 2.53  | 2.43  | 2.60  | 2.51  | 2.70  | 3.09  | 3.55  | 3.40  | 3.67  | 3.03  | 2.47  | 1.76  |
|        | -5.39 | -2.88 | -2.29 | -2.15 | -1.53 | -1.14 | -2.33 | -1.90 | 0.00  | 0.00  | -0.77 | -2.45 | -2.54 | -4.81 | -4.38 | -5.81 | -8.43 | -6.89 | -4.06 | -5.55 | -4.07 | -6.08 | -4.51 | -5.47 |
| MHK VL | 16.13 | 15.74 | 15.17 | 14.36 | 14.67 | 15.12 | 15.31 | 16.69 | 20.04 | 21.00 | 20.99 | 19.70 | 19.71 | 18.71 | 19.70 | 19.11 | 20.17 | 23.01 | 26.40 | 25.33 | 27.29 | 23.39 | 19.08 | 15.69 |
| 61756  | 0.40  | 0.40  | 0.40  | 0.37  | 0.38  | 0.41  | 0.38  | 0.37  | 0.45  | 0.45  | 0.47  | 0.46  | 0.44  | 0.43  | 0.46  | 0.42  | 0.41  | 0.53  | 0.67  | 0.63  | 0.79  | 0.77  | 0.53  | 0.40  |
|        | -0.83 | -0.44 | -0.35 | -0.33 | -0.24 | -0.18 | -0.36 | -0.29 | 0.00  | 0.00  | 0.00  | -0.16 | -0.13 | -0.29 | -0.09 | -0.22 | -0.33 | -0.26 | 0.00  | -0.25 | -0.10 | 0.00  | -0.28 | -0.84 |
| MILLWD | 21.75 | 19.26 | 18.11 | 17.15 | 16.93 | 17.05 | 18.28 | 19.46 | 21.51 | 22.63 | 22.51 | 22.07 | 22.02 | 21.97 | 21.79 | 22.01 | 23.90 | 26.46 | 28.41 | 28.65 | 29.87 | 24.95 | 22.03 | 21.39 |
| 61759  | 1.43  | 1.46  | 1.38  | 1.31  | 1.34  | 1.37  | 1.37  | 1.52  | 1.92  | 2.07  | 1.99  | 1.87  | 1.93  | 1.89  | 2.03  | 1.96  | 2.08  | 2.38  | 2.68  | 2.57  | 2.80  | 2.33  | 1.92  | 1.44  |
|        | -5.43 | -2.90 | -2.31 | -2.17 | -1.54 | -1.15 | -2.35 | -1.91 | 0.00  | 0.00  | 0.00  | -1.11 | -0.95 | -2.10 | -0.61 | -1.60 | -2.39 | -1.87 | 0.00  | -1.64 | -0.67 | 0.00  | -1.85 | -5.50 |
| N.Y.C. | 21.88 | 19.40 | 18.25 | 17.27 | 17.07 | 17.17 | 18.39 | 19.57 | 21.68 | 22.81 | 22.67 | 22.25 | 22.22 | 22.15 | 22.03 | 22.22 | 24.11 | 26.67 | 28.66 | 28.86 | 30.07 | 25.08 | 22.22 | 21.57 |
| 61761  | 1.59  | 1.62  | 1.54  | 1.45  | 1.49  | 1.50  | 1.49  | 1.65  | 2.10  | 2.26  | 2.15  | 2.06  | 2.14  | 2.09  | 2.28  | 2.18  | 2.31  | 2.60  | 2.93  | 2.79  | 3.01  | 2.47  | 2.12  | 1.66  |
|        | -5.39 | -2.89 | -2.29 | -2.16 | -1.53 | -1.14 | -2.33 | -1.89 | 0.00  | 0.00  | 0.00  | -1.10 | -0.94 | -2.08 | -0.60 | -1.59 | -2.37 | -1.86 | 0.00  | -1.63 | -0.66 | 0.00  | -1.83 | -5.47 |
| NORTH  | 14.22 | 14.24 | 13.90 | 13.19 | 13.56 | 13.97 | 14.00 | 15.26 | 18.73 | 19.67 | 19.64 | 18.25 | 18.29 | 17.18 | 18.25 | 17.59 | 18.46 | 21.15 | 24.47 | 23.30 | 25.19 | 21.51 | 17.35 | 13.85 |
| 61755  | -0.67 | -0.65 | -0.52 | -0.46 | -0.49 | -0.57 | -0.57 | -0.77 | -0.86 | -0.88 | -0.88 | -0.84 | -0.84 | -0.81 | -0.90 | -0.87 | -0.97 | -1.07 | -1.26 | -1.15 | -1.21 | -1.11 | -0.91 | -0.59 |
|        | 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    | 22.20 | 19.30 | 18.09 | 17.14 | 16.83 | 16.89 | 18.31 | 19.38 | 21.02 | 22.07 | 22.00 | 21.76 | 21.61 | 21.71 | 21.31 | 21.70 | 23.64 | 26.02 | 27.61 | 28.15 | 29.10 | 24.25 | 21.77 | 21.80 |
| 61845  | 1.04  | 1.06  | 1.01  | 0.97  | 1.00  | 1.03  | 1.03  | 1.15  | 1.43  | 1.52  | 1.48  | 1.39  | 1.38  | 1.31  | 1.45  | 1.40  | 1.46  | 1.64  | 1.88  | 1.81  | 1.93  | 1.63  | 1.37  | 1.01  |
|        | -6.26 | -3.35 | -2.66 | -2.51 | -1.78 | -1.32 | -2.71 | -2.20 | 0.00  | 0.00  | 0.00  | -1.28 | -1.09 | -2.42 | -0.70 | -1.84 | -2.75 | -2.16 | 0.00  | -1.90 | -0.77 | 0.00  | -2.13 | -6.35 |

|               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH<br>61846   | 15.15 | 14.79 | 14.13 | 13.41 | 13.70 | 14.18 | 14.41 | 15.92 | 18.76 | 19.55 | 19.56 | 18.21 | 18.21 | 17.50 | 18.23 | 17.80 | 19.00 | 21.48 | 24.70 | 23.67 | 25.26 | 21.80 | 17.82 | 14.87 |
|               | -0.58 | -0.55 | -0.65 | -0.59 | -0.59 | -0.54 | -0.52 | -0.40 | -0.82 | -1.01 | -0.96 | -1.05 | -1.07 | -0.81 | -1.02 | -0.90 | -0.80 | -1.02 | -1.03 | -1.03 | -1.24 | -0.81 | -0.73 | -0.42 |
|               | -0.84 | -0.45 | -0.36 | -0.34 | -0.24 | -0.18 | -0.36 | -0.29 | 0.00  | 0.00  | 0.00  | -0.17 | -0.15 | -0.32 | -0.09 | -0.25 | -0.37 | -0.29 | 0.00  | -0.25 | -0.10 | 0.00  | -0.28 | -0.85 |
| PJM<br>61847  | 18.62 | 17.18 | 16.28 | 15.42 | 15.47 | 15.78 | 16.53 | 17.85 | 20.35 | 21.31 | 21.26 | 20.36 | 20.35 | 19.91 | 20.25 | 20.10 | 21.64 | 24.20 | 26.79 | 26.37 | 27.84 | 23.61 | 20.12 | 18.28 |
|               | 0.60  | 0.61  | 0.53  | 0.51  | 0.53  | 0.58  | 0.61  | 0.72  | 0.76  | 0.76  | 0.74  | 0.63  | 0.67  | 0.72  | 0.75  | 0.72  | 0.83  | 0.91  | 1.06  | 0.98  | 1.06  | 0.99  | 0.78  | 0.66  |
|               | -3.13 | -1.67 | -1.33 | -1.25 | -0.89 | -0.66 | -1.35 | -1.10 | 0.00  | 0.00  | 0.00  | -0.64 | -0.55 | -1.21 | -0.35 | -0.92 | -1.37 | -1.08 | 0.00  | -0.95 | -0.39 | 0.00  | -1.06 | -3.17 |
| WEST<br>61752 | 15.60 | 15.20 | 14.53 | 13.77 | 14.07 | 14.58 | 14.84 | 16.39 | 19.33 | 20.16 | 20.17 | 18.80 | 18.82 | 18.07 | 18.81 | 18.35 | 19.59 | 22.15 | 25.42 | 24.37 | 26.04 | 22.43 | 18.30 | 15.28 |
|               | -0.19 | -0.18 | -0.27 | -0.25 | -0.24 | -0.15 | -0.12 | 0.05  | -0.26 | -0.39 | -0.35 | -0.48 | -0.48 | -0.27 | -0.44 | -0.37 | -0.23 | -0.38 | -0.31 | -0.34 | -0.47 | -0.18 | -0.27 | -0.07 |
|               | -0.90 | -0.48 | -0.38 | -0.36 | -0.26 | -0.19 | -0.39 | -0.32 | 0.00  | 0.00  | 0.00  | -0.18 | -0.16 | -0.35 | -0.10 | -0.27 | -0.40 | -0.31 | 0.00  | -0.27 | -0.11 | 0.00  | -0.31 | -0.91 |