

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

03/19/2012

| 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<br>61757 | 21.34 | 17.50 | 16.05 | 15.67 | 15.75 | 17.51 | 25.47 | 29.34 | 27.98 | 27.80 | 28.43 | 27.63 | 26.98 | 25.87 | 24.83 | 24.47 | 25.42 | 27.26 | 29.22 | 40.33 | 31.35 | 25.12 | 24.25 | 19.38 |
|                 | 1.10  | 1.05  | 0.95  | 0.91  | 0.92  | 1.02  | 1.21  | 1.21  | 1.08  | 1.27  | 1.28  | 1.19  | 1.14  | 1.09  | 1.09  | 1.03  | 1.12  | 1.20  | 1.26  | 1.96  | 1.46  | 1.13  | 1.20  | 0.94  |
|                 | -3.08 | 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  | 0.02  | 0.06  | 0.00  | 0.00  | 0.00  | 0.00  |
| CENTRL<br>61754 | 17.42 | 16.33 | 15.04 | 14.71 | 14.77 | 16.40 | 24.36 | 28.50 | 27.26 | 26.68 | 27.35 | 26.60 | 26.03 | 25.05 | 24.04 | 23.72 | 24.45 | 26.14 | 27.97 | 38.54 | 29.92 | 24.18 | 23.24 | 18.66 |
|                 | -0.12 | -0.12 | -0.06 | -0.04 | -0.06 | -0.08 | 0.10  | 0.37  | 0.35  | 0.16  | 0.19  | 0.16  | 0.18  | 0.27  | 0.31  | 0.28  | 0.15  | 0.08  | -0.03 | 0.04  | 0.03  | 0.19  | 0.18  | 0.22  |
|                 | -0.37 | 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  | -0.02 | -0.08 | 0.00  | 0.00  | 0.00  | 0.00  |
| DUNWOD<br>61760 | 21.15 | 18.01 | 16.55 | 16.14 | 16.22 | 18.05 | 26.88 | 31.29 | 29.92 | 29.81 | 30.58 | 29.77 | 29.08 | 27.78 | 26.70 | 26.34 | 27.37 | 29.35 | 31.93 | 44.86 | 33.77 | 27.11 | 26.03 | 20.62 |
|                 | 1.63  | 1.56  | 1.45  | 1.39  | 1.39  | 1.57  | 2.62  | 3.15  | 3.01  | 3.29  | 3.42  | 3.33  | 3.23  | 3.00  | 2.97  | 2.91  | 3.06  | 3.28  | 3.55  | 4.96  | 3.89  | 3.12  | 2.97  | 2.18  |
|                 | -2.35 | 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  | -0.40 | -1.47 | 0.00  | 0.00  | 0.00  | 0.00  |
| GENESE<br>61753 | 16.71 | 15.71 | 14.55 | 14.24 | 14.30 | 15.81 | 23.70 | 27.85 | 26.72 | 26.13 | 26.78 | 26.02 | 25.54 | 24.71 | 23.76 | 23.48 | 24.08 | 25.65 | 27.29 | 37.41 | 29.23 | 23.73 | 22.73 | 18.44 |
|                 | -0.76 | -0.74 | -0.54 | -0.52 | -0.53 | -0.68 | -0.56 | -0.28 | -0.19 | -0.40 | -0.38 | -0.42 | -0.31 | -0.07 | 0.02  | 0.05  | -0.22 | -0.42 | -0.70 | -1.08 | -0.66 | -0.26 | -0.32 | 0.00  |
|                 | -0.29 | 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  | -0.02 | -0.06 | 0.00  | 0.00  | 0.00  | 0.00  |
| H Q<br>61844    | 16.84 | 16.13 | 14.78 | 14.45 | 15.35 | 18.72 | 21.29 | 26.36 | 26.15 | 25.81 | 26.42 | 25.73 | 25.15 | 24.09 | 23.02 | 22.71 | 23.60 | 25.36 | 29.97 | 34.70 | 29.05 | 23.25 | 20.18 | 20.05 |
|                 | -0.33 | -0.31 | -0.32 | -0.31 | -0.30 | -0.35 | -0.58 | -0.76 | -0.75 | -0.72 | -0.73 | -0.71 | -0.70 | -0.69 | -0.71 | -0.73 | -0.70 | -0.70 | -0.70 | -1.04 | -0.84 | -0.74 | -0.74 | -0.53 |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | -0.81 | -2.58 | 2.38  | 1.01  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -2.70 | 2.70  | 0.00  | 0.00  | 2.14  | -2.14 |
| HUD VL<br>61758 | 21.11 | 17.98 | 16.52 | 16.13 | 16.21 | 18.03 | 26.83 | 31.40 | 30.00 | 30.00 | 30.71 | 29.88 | 29.21 | 27.90 | 26.80 | 26.41 | 27.49 | 29.43 | 32.00 | 45.00 | 33.89 | 27.18 | 26.03 | 20.64 |
|                 | 1.61  | 1.53  | 1.42  | 1.37  | 1.38  | 1.55  | 2.57  | 3.26  | 3.09  | 3.47  | 3.56  | 3.44  | 3.36  | 3.12  | 3.06  | 2.98  | 3.18  | 3.36  | 3.67  | 5.26  | 4.00  | 3.19  | 2.97  | 2.19  |
|                 | -2.32 | 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  | -0.36 | -1.31 | 0.00  | 0.00  | 0.00  | 0.00  |
| LONGIL<br>61762 | 21.41 | 18.32 | 17.54 | 17.28 | 17.82 | 18.41 | 27.85 | 32.11 | 30.75 | 30.70 | 31.45 | 30.67 | 29.96 | 28.61 | 27.56 | 27.14 | 28.15 | 30.16 | 32.95 | 46.17 | 34.77 | 28.95 | 27.02 | 21.09 |
|                 | 1.89  | 1.87  | 1.80  | 1.73  | 1.72  | 1.93  | 3.23  | 3.97  | 3.79  | 4.11  | 4.21  | 4.12  | 4.01  | 3.69  | 3.63  | 3.54  | 3.72  | 3.99  | 4.45  | 6.00  | 4.81  | 3.72  | 3.48  | 2.64  |
|                 | -2.36 | 0.00  | -0.64 | -0.79 | -1.27 | 0.00  | -0.36 | -0.01 | -0.05 | -0.06 | -0.09 | -0.11 | -0.11 | -0.13 | -0.19 | -0.17 | -0.13 | -0.11 | -0.52 | -1.75 | -0.07 | -1.24 | -0.49 | -0.01 |
| MHK VL<br>61756 | 17.85 | 16.71 | 15.35 | 15.01 | 15.10 | 16.83 | 24.97 | 29.12 | 27.77 | 27.35 | 28.03 | 27.31 | 26.70 | 25.60 | 24.45 | 24.07 | 24.93 | 26.72 | 28.77 | 39.88 | 30.72 | 24.57 | 23.49 | 18.79 |
|                 | 0.29  | 0.26  | 0.26  | 0.25  | 0.27  | 0.35  | 0.70  | 0.98  | 0.86  | 0.82  | 0.87  | 0.87  | 0.85  | 0.82  | 0.71  | 0.63  | 0.63  | 0.65  | 0.76  | 1.31  | 0.84  | 0.58  | 0.44  | 0.35  |
|                 | -0.39 | 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  | -0.04 | -0.14 | 0.00  | 0.00  | 0.00  | 0.00  |
| MILLWD<br>61759 | 21.15 | 17.98 | 16.52 | 16.13 | 16.21 | 18.03 | 26.88 | 31.26 | 29.89 | 29.79 | 30.55 | 29.75 | 29.08 | 27.75 | 26.68 | 26.32 | 27.37 | 29.35 | 31.90 | 44.87 | 33.74 | 27.09 | 25.98 | 20.60 |
|                 | 1.61  | 1.53  | 1.42  | 1.37  | 1.38  | 1.55  | 2.62  | 3.12  | 2.99  | 3.26  | 3.39  | 3.31  | 3.23  | 2.97  | 2.94  | 2.88  | 3.06  | 3.28  | 3.53  | 5.00  | 3.86  | 3.09  | 2.93  | 2.16  |
|                 | -2.37 | 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  | -0.40 | -1.45 | 0.00  | 0.00  | 0.00  | 0.00  |
| N.Y.C.<br>61761 | 21.33 | 18.16 | 16.67 | 16.26 | 16.36 | 18.20 | 27.13 | 31.98 | 31.92 | 32.08 | 33.67 | 33.51 | 32.79 | 32.28 | 32.88 | 31.88 | 31.76 | 33.15 | 33.51 | 45.25 | 34.86 | 30.76 | 27.10 | 20.83 |
|                 | 1.80  | 1.71  | 1.57  | 1.51  | 1.53  | 1.71  | 2.86  | 3.35  | 3.20  | 3.50  | 3.61  | 3.52  | 3.44  | 3.20  | 3.16  | 3.09  | 3.26  | 3.49  | 3.78  | 5.34  | 4.12  | 3.33  | 3.18  | 2.38  |
|                 | -2.36 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.50 | -1.81 | -2.05 | -2.90 | -3.55 | -3.51 | -4.31 | -5.98 | -5.34 | -4.20 | -3.59 | -1.76 | -1.48 | -0.84 | -3.44 | -0.86 | 0.00  |
| NORTH<br>61755  | 16.67 | 15.97 | 14.60 | 14.28 | 14.39 | 15.97 | 23.58 | 27.12 | 25.91 | 25.57 | 26.18 | 25.49 | 24.89 | 23.84 | 22.69 | 22.36 | 23.31 | 25.18 | 27.08 | 37.01 | 28.72 | 22.89 | 21.90 | 17.65 |
|                 | -0.50 | -0.48 | -0.50 | -0.47 | -0.44 | -0.51 | -0.68 | -1.01 | -1.00 | -0.95 | -0.98 | -0.95 | -0.96 | -0.94 | -1.04 | -1.08 | -1.00 | -0.89 | -0.90 | -1.42 | -1.17 | -1.10 | -1.15 | -0.79 |
|                 | 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<br>61845    | 21.17 | 17.65 | 16.20 | 15.82 | 16.70 | 20.23 | 24.75 | 27.54 | 27.78 | 28.33 | 28.86 | 28.24 | 27.61 | 26.42 | 25.33 | 25.01 | 25.98 | 27.84 | 32.66 | 38.88 | 31.98 | 25.70 | 22.64 | 21.94 |
|                 | 1.24  | 1.20  | 1.10  | 1.06  | 1.05  | 1.17  | 1.63  | 1.66  | 1.56  | 1.80  | 1.82  | 1.80  | 1.76  | 1.64  | 1.59  | 1.57  | 1.68  | 1.77  | 1.87  | 2.73  | 2.09  | 1.70  | 1.73  | 1.36  |
|                 | -2.77 | 0.00  | 0.00  | 0.00  | -0.81 | -2.58 | 1.14  | 2.25  | 0.69  | 0.00  | 0.12  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -2.81 | 2.28  | 0.00  | 0.00  | 2.14  | -2.14 |

|               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH<br>61846   | 16.29 | 15.25 | 14.22 | 13.90 | 14.73 | 17.81 | 20.30 | 25.77 | 25.75 | 25.07 | 25.69 | 24.96 | 24.40 | 23.79 | 23.00 | 22.73 | 23.16 | 24.58 | 28.74 | 32.81 | 27.98 | 22.96 | 20.06 | 20.32 |
|               | -1.27 | -1.20 | -0.88 | -0.86 | -0.92 | -1.25 | -1.58 | -1.35 | -1.16 | -1.46 | -1.47 | -1.48 | -1.45 | -0.99 | -0.74 | -0.70 | -1.14 | -1.49 | -1.96 | -3.00 | -1.91 | -1.03 | -0.85 | -0.26 |
|               | -0.39 | 0.00  | 0.00  | 0.00  | -0.81 | -2.58 | 2.38  | 1.01  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -2.72 | 2.62  | 0.00  | 0.00  | 2.14  | -2.14 |
| PJM<br>61847  | 19.56 | 17.17 | 15.84 | 15.45 | 16.33 | 19.74 | 23.16 | 28.95 | 28.91 | 28.62 | 29.45 | 28.76 | 28.12 | 27.15 | 26.42 | 26.00 | 26.65 | 28.37 | 33.00 | 39.13 | 32.08 | 26.38 | 22.83 | 22.00 |
|               | 0.74  | 0.72  | 0.74  | 0.69  | 0.68  | 0.68  | 1.29  | 1.74  | 1.72  | 1.78  | 1.85  | 1.77  | 1.73  | 1.71  | 1.76  | 1.73  | 1.70  | 1.75  | 1.85  | 2.42  | 2.06  | 1.85  | 1.78  | 1.42  |
|               | -1.65 | 0.00  | 0.00  | 0.00  | -0.81 | -2.58 | 2.38  | 0.93  | -0.28 | -0.32 | -0.45 | -0.55 | -0.54 | -0.66 | -0.92 | -0.82 | -0.65 | -0.56 | -3.18 | 1.72  | -0.13 | -0.54 | 2.00  | -2.14 |
| WEST<br>61752 | 16.36 | 15.28 | 14.27 | 13.94 | 14.00 | 15.35 | 23.00 | 27.29 | 26.26 | 25.60 | 26.23 | 25.44 | 24.84 | 24.31 | 23.50 | 23.18 | 23.53 | 25.00 | 26.40 | 36.08 | 28.36 | 23.32 | 22.50 | 18.44 |
|               | -1.18 | -1.17 | -0.83 | -0.81 | -0.83 | -1.14 | -1.26 | -0.84 | -0.65 | -0.93 | -0.92 | -1.00 | -1.01 | -0.47 | -0.24 | -0.26 | -0.78 | -1.07 | -1.59 | -2.42 | -1.52 | -0.67 | -0.55 | 0.00  |
|               | -0.38 | 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  | -0.02 | -0.08 | 0.00  | 0.00  | 0.00  | 0.00  |