

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Zonal Data

05/05/2015

| 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          | 18.15 | 13.26 | 10.99 | 16.86 | 18.83 | 10.91 | 13.47 | 22.14 | 20.74 | 18.27 | 32.88 | 43.40 | 31.29 | 28.54  | 30.27  | 37.49  | 59.56 | 22.45  | 17.96 | 24.32 | 31.17 | 26.67 | 21.21 | 25.82 |
| 61757           | 1.00  | 0.68  | 0.53  | 0.83  | 0.92  | 0.48  | 0.60  | 1.06  | 1.02  | 0.89  | 1.61  | 2.03  | 1.42  | 1.30   | 1.44   | 1.93   | 3.02  | 1.13   | 0.89  | 1.24  | 1.48  | 1.24  | 1.01  | 1.22  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.35 | 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  |
| CENTRL<br>61754 | 17.17 | 12.63 | 10.53 | 16.13 | 17.98 | 10.56 | 13.02 | 21.44 | 20.08 | 17.29 | 31.85 | 42.04 | 30.35 | 27.64  | 29.19  | 39.52  | 65.14 | 21.93  | 17.46 | 23.29 | 29.97 | 25.89 | 20.37 | 24.81 |
|                 | 0.02  | 0.05  | 0.07  | 0.10  | 0.07  | 0.12  | 0.15  | 0.37  | 0.35  | 0.26  | 0.55  | 0.67  | 0.47  | 0.41   | 0.37   | 0.39   | 0.73  | 0.19   | 0.15  | 0.20  | 0.29  | 0.25  | 0.17  | 0.22  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.02 | 0.00  | 0.00  | 0.00   | 0.00   | -3.57  | -7.88 | -0.43  | -0.23 | 0.00  | 0.00  | -0.22 | 0.00  | 0.00  |
| DUNWOD<br>61760 | 18.62 | 13.57 | 11.22 | 17.16 | 19.16 | 11.11 | 13.83 | 22.77 | 21.39 | 18.53 | 34.05 | 45.03 | 32.58 | 29.81  | 31.65  | 39.13  | 62.21 | 23.49  | 18.76 | 25.21 | 32.34 | 27.71 | 22.01 | 26.67 |
|                 | 1.47  | 0.99  | 0.76  | 1.14  | 1.26  | 0.68  | 0.96  | 1.70  | 1.67  | 1.50  | 2.78  | 3.66  | 2.71  | 2.58   | 2.82   | 3.57   | 5.68  | 2.17   | 1.69  | 2.12  | 2.65  | 2.28  | 1.81  | 2.08  |
|                 | 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  | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| GENESE<br>61753 | 16.52 | 12.23 | 10.25 | 15.67 | 17.45 | 10.31 | 12.60 | 20.75 | 19.47 | 16.71 | 30.81 | 40.70 | 29.43 | 26.84  | 28.31  | 34.96  | 55.95 | 20.93  | 16.75 | 22.73 | 29.26 | 24.94 | 19.72 | 24.16 |
|                 | -0.63 | -0.35 | -0.22 | -0.35 | -0.46 | -0.12 | -0.26 | -0.32 | -0.26 | -0.31 | -0.48 | -0.67 | -0.45 | -0.39  | -0.51  | -0.60  | -0.58 | -0.39  | -0.32 | -0.36 | -0.43 | -0.48 | -0.48 | -0.44 |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -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  |
| H Q<br>61844    | 16.04 | 12.39 | 10.32 | 15.83 | 17.70 | 10.32 | 12.72 | 20.76 | 19.39 | 15.73 | 30.75 | 40.71 | 29.47 | 26.84  | 28.42  | 35.03  | 55.65 | 22.26  | 16.83 | 22.80 | 29.37 | 25.14 | 19.95 | 24.27 |
|                 | -0.29 | -0.19 | -0.15 | -0.20 | -0.21 | -0.11 | -0.15 | -0.31 | -0.33 | -0.29 | -0.52 | -0.65 | -0.41 | -0.38  | -0.40  | -0.53  | -0.89 | -0.31  | -0.24 | -0.29 | -0.32 | -0.28 | -0.26 | -0.32 |
|                 | 0.82  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.99  | 0.01  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00  | -1.25  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| HUD VL<br>61758 | 18.57 | 13.54 | 11.21 | 17.16 | 19.15 | 11.11 | 13.81 | 22.75 | 21.37 | 18.50 | 34.00 | 44.97 | 32.51 | 29.73  | 31.57  | 39.05  | 62.11 | 23.45  | 18.73 | 25.18 | 32.31 | 27.66 | 21.95 | 26.61 |
|                 | 1.42  | 0.96  | 0.75  | 1.13  | 1.25  | 0.68  | 0.94  | 1.68  | 1.65  | 1.47  | 2.72  | 3.60  | 2.64  | 2.51   | 2.74   | 3.49   | 5.58  | 2.13   | 1.66  | 2.10  | 2.62  | 2.24  | 1.75  | 2.01  |
|                 | 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  | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| LONGIL<br>61762 | 18.74 | 13.66 | 11.26 | 17.22 | 19.25 | 11.11 | 13.79 | 22.72 | 21.26 | 18.38 | 33.74 | 47.17 | 34.74 | 28.66  | 31.97  | 44.25  | 63.33 | 23.01  | 18.64 | 25.09 | 35.15 | 27.76 | 22.05 | 26.64 |
|                 | 1.60  | 1.08  | 0.80  | 1.19  | 1.35  | 0.68  | 0.93  | 1.65  | 1.54  | 1.36  | 2.45  | 3.29  | 2.38  | 2.61   | 2.89   | 3.34   | 4.84  | 2.05   | 1.59  | 2.00  | 2.64  | 2.33  | 1.85  | 2.04  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.01 | -2.51 | -2.48 | 1.18   | -0.25  | -5.34  | -1.97 | 0.35   | 0.02  | 0.00  | -2.82 | 0.00  | 0.00  | 0.00  |
| MHK VL<br>61756 | 17.32 | 12.70 | 10.58 | 16.22 | 18.11 | 10.60 | 13.14 | 21.62 | 20.24 | 16.40 | 32.11 | 42.46 | 30.65 | 27.93  | 29.55  | 36.42  | 57.86 | 21.79  | 17.46 | 23.62 | 30.46 | 26.05 | 20.61 | 25.00 |
|                 | 0.17  | 0.12  | 0.11  | 0.19  | 0.20  | 0.17  | 0.28  | 0.55  | 0.52  | 0.44  | 0.84  | 1.09  | 0.78  | 0.70   | 0.72   | 0.85   | 1.33  | 0.47   | 0.39  | 0.54  | 0.77  | 0.62  | 0.41  | 0.41  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 1.07  | 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  |
| MILLWD<br>61759 | 18.59 | 13.55 | 11.21 | 17.15 | 19.15 | 11.10 | 13.82 | 22.77 | 21.39 | 18.53 | 34.05 | 45.03 | 32.58 | 29.81  | 31.65  | 39.15  | 62.25 | 23.51  | 18.78 | 25.23 | 32.37 | 27.73 | 22.01 | 26.66 |
|                 | 1.45  | 0.97  | 0.75  | 1.12  | 1.24  | 0.67  | 0.95  | 1.70  | 1.67  | 1.50  | 2.78  | 3.66  | 2.71  | 2.58   | 2.82   | 3.58   | 5.72  | 2.19   | 1.71  | 2.15  | 2.69  | 2.30  | 1.81  | 2.07  |
|                 | 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  |
| N.Y.C.<br>61761 | 18.71 | 13.63 | 11.27 | 17.23 | 19.24 | 11.15 | 13.92 | 22.92 | 21.55 | 19.42 | 34.82 | 45.81 | 36.00 | 57.54  | 42.39  | 79.67  | 66.86 | 38.00  | 25.24 | 26.89 | 35.26 | 30.14 | 25.48 | 28.25 |
|                 | 1.57  | 1.05  | 0.80  | 1.20  | 1.33  | 0.72  | 1.05  | 1.85  | 1.83  | 1.64  | 3.03  | 4.00  | 2.98  | 2.81   | 3.07   | 3.85   | 6.12  | 2.34   | 1.83  | 2.30  | 2.88  | 2.47  | 1.98  | 2.26  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.76 | -0.51 | -0.44 | -3.15 | -27.50 | -10.50 | -40.26 | -4.21 | -14.33 | -6.34 | -1.51 | -2.70 | -2.24 | -3.30 | -1.39 |
| NORTH<br>61755  | 16.24 | 11.99 | 10.03 | 15.42 | 17.32 | 10.13 | 12.50 | 20.31 | 18.90 | 5.79  | 29.95 | 39.82 | 28.90 | 26.29  | 27.82  | 34.15  | 54.06 | 20.42  | 16.42 | 22.35 | 28.87 | 24.65 | 19.50 | 23.69 |
|                 | -0.91 | -0.58 | -0.44 | -0.61 | -0.59 | -0.30 | -0.37 | -0.76 | -0.81 | -0.72 | -1.26 | -1.55 | -0.97 | -0.94  | -1.01  | -1.42  | -2.47 | -0.90  | -0.65 | -0.73 | -0.81 | -0.77 | -0.70 | -0.91 |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 10.52 | 0.06  | 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    | 18.36 | 13.41 | 11.09 | 17.02 | 19.18 | 10.99 | 13.65 | 22.41 | 21.00 | 18.17 | 33.32 | 43.97 | 31.65 | 28.86  | 30.69  | 38.11  | 60.51 | 22.80  | 18.24 | 24.68 | 31.51 | 27.00 | 21.54 | 26.25 |
|                 | 1.21  | 0.83  | 0.63  | 0.99  | 1.10  | 0.56  | 0.78  | 1.34  | 1.28  | 1.14  | 2.05  | 2.60  | 1.78  | 1.63   | 1.86   | 2.55   | 3.98  | 1.47   | 1.17  | 1.60  | 1.83  | 1.58  | 1.34  | 1.65  |
|                 | 0.00  | 0.00  | 0.00  | 0.00  | -0.17 | 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  |

|               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |       |       |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| OH<br>61846   | 16.07 | 11.98 | 10.10 | 15.46 | 17.29 | 10.14 | 12.27 | 20.19 | 18.94 | 16.17 | 29.80 | 39.36 | 28.58 | 26.07 | 27.54 | 27.84  | 40.83  | 19.62 | 15.92 | 22.13 | 28.34 | 23.83 | 19.23 | 23.74 |
|               | -1.07 | -0.60 | -0.36 | -0.57 | -0.78 | -0.29 | -0.60 | -0.89 | -0.78 | -0.86 | -1.42 | -2.01 | -1.30 | -1.16 | -1.29 | -1.52  | -1.81  | -0.95 | -0.75 | -0.96 | -1.34 | -1.21 | -0.98 | -0.85 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | -0.17 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.06  | 0.00  | 0.00  | 0.00  | 0.00  | 6.21   | 13.89  | 0.75  | 0.40  | 0.00  | 0.00  | 0.39  | 0.00  | 0.00  |
| PJM<br>61847  | 16.85 | 12.98 | 10.81 | 16.55 | 18.41 | 10.75 | 13.27 | 21.88 | 20.54 | 17.70 | 32.68 | 43.05 | 31.21 | 28.50 | 30.24 | 47.28  | 81.77  | 24.83 | 18.54 | 24.06 | 30.81 | 27.04 | 21.00 | 25.57 |
|               | 0.53  | 0.40  | 0.35  | 0.52  | 0.50  | 0.32  | 0.40  | 0.81  | 0.82  | 0.67  | 1.34  | 1.68  | 1.34  | 1.26  | 1.41  | 1.79   | 3.05   | 1.05  | 0.82  | 0.97  | 1.12  | 0.99  | 0.80  | 0.97  |
|               | 0.82  | 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  | -9.92  | -22.18 | -2.46 | -0.65 | 0.00  | 0.00  | -0.62 | 0.00  | 0.00  |
| WEST<br>61752 | 16.22 | 12.10 | 10.21 | 15.61 | 17.29 | 10.26 | 12.43 | 20.51 | 19.28 | 16.45 | 30.74 | 40.08 | 29.09 | 26.53 | 28.03 | 75.23  | 146.10 | 25.62 | 19.18 | 22.47 | 28.80 | 27.09 | 19.50 | 24.07 |
|               | -0.93 | -0.48 | -0.25 | -0.43 | -0.62 | -0.17 | -0.44 | -0.57 | -0.45 | -0.58 | -0.89 | -1.29 | -0.79 | -0.70 | -0.80 | -0.93  | -0.84  | -0.62 | -0.49 | -0.61 | -0.89 | -0.83 | -0.70 | -0.52 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.35 | 0.00  | 0.00  | 0.00  | 0.00  | -40.60 | -90.42 | -4.91 | -2.60 | 0.00  | 0.00  | -2.49 | 0.00  | 0.00  |