

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

07/10/2014

| 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 | 29.48 | 25.35 | 23.29 | 22.45 | 22.41 | 24.54 | 28.37 | 32.56 | 34.91 | 36.46 | 38.10 | 40.75 | 42.69 | 44.87  | 45.82  | 46.41  | 46.32  | 44.49  | 40.88  | 38.50 | 37.79 | 37.01 | 34.03 | 30.64 |
| 61757  | 1.48  | 1.21  | 1.17  | 1.13  | 1.13  | 1.17  | 1.38  | 1.58  | 1.76  | 1.87  | 2.16  | 2.52  | 2.52  | 2.71   | 2.70   | 2.83   | 2.83   | 2.68   | 2.35   | 2.21  | 1.97  | 1.83  | 1.65  | 1.54  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -1.16 | 0.00  | 0.00  | 0.00  | 0.00  | -1.34 | -1.03  | -1.48  | 0.00   | 0.00   | -0.01  | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| CENTRL | 28.20 | 24.39 | 22.19 | 21.39 | 21.39 | 23.58 | 27.13 | 29.90 | 33.29 | 34.80 | 36.20 | 38.53 | 39.32 | 41.51  | 42.09  | 43.66  | 43.46  | 41.81  | 38.73  | 36.54 | 36.04 | 35.43 | 32.61 | 29.19 |
| 61754  | 0.20  | 0.24  | 0.07  | 0.06  | 0.11  | 0.21  | 0.14  | -0.06 | 0.13  | 0.21  | 0.25  | 0.30  | 0.16  | 0.12   | 0.08   | 0.09   | -0.04  | 0.00   | 0.19   | 0.26  | 0.22  | 0.25  | 0.23  | 0.09  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.14 | 0.00  | 0.00  | 0.00  | 0.00  | -0.34 | -0.26  | -0.37  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| DUNWOD | 31.14 | 26.78 | 24.51 | 23.54 | 23.43 | 25.77 | 29.97 | 34.16 | 36.97 | 38.54 | 40.30 | 42.85 | 44.86 | 47.13  | 48.10  | 48.94  | 48.89  | 47.12  | 43.27  | 40.71 | 40.15 | 39.09 | 36.01 | 32.33 |
| 61760  | 3.14  | 2.63  | 2.39  | 2.22  | 2.15  | 2.41  | 2.97  | 3.46  | 3.81  | 3.94  | 4.35  | 4.62  | 4.70  | 4.97   | 4.99   | 5.36   | 5.39   | 5.23   | 4.74   | 4.43  | 4.33  | 3.90  | 3.63  | 3.23  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.88 | 0.00  | 0.00  | 0.00  | 0.00  | -1.34 | -1.02  | -1.48  | 0.00   | 0.00   | -0.09  | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| GENESE | 27.58 | 23.88 | 21.59 | 20.79 | 20.80 | 23.02 | 26.43 | 28.71 | 32.07 | 33.46 | 34.62 | 36.89 | 37.38 | 39.55  | 40.00  | 41.57  | 41.33  | 39.84  | 37.07  | 35.16 | 34.82 | 34.37 | 31.90 | 28.64 |
| 61753  | -0.42 | -0.27 | -0.53 | -0.53 | -0.49 | -0.35 | -0.57 | -1.22 | -1.09 | -1.14 | -1.33 | -1.34 | -1.71 | -1.77  | -1.91  | -2.00  | -2.17  | -1.96  | -1.46  | -1.13 | -1.00 | -0.81 | -0.48 | -0.47 |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.11 | 0.00  | 0.00  | 0.00  | 0.00  | -0.26 | -0.20  | -0.28  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| H Q    | 27.19 | 23.44 | 21.50 | 20.73 | 20.69 | 22.69 | 26.81 | 28.48 | 32.23 | 33.63 | 34.80 | 36.93 | 37.65 | 39.86  | 40.42  | 42.14  | 42.11  | 40.47  | 37.26  | 35.09 | 34.71 | 34.23 | 31.51 | 28.32 |
| 61844  | -0.81 | -0.70 | -0.62 | -0.60 | -0.60 | -0.68 | -0.76 | -0.78 | -0.93 | -0.97 | -1.15 | -1.30 | -1.24 | -1.32  | -1.29  | -1.44  | -1.39  | -1.34  | -1.27  | -1.20 | -1.11 | -0.95 | -0.87 | -0.78 |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.57 | 0.57  | 0.00  | 0.00  | 0.00  | 0.00  | -0.07 | -0.05  | -0.08  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| HUD VL | 30.89 | 26.58 | 24.35 | 23.41 | 23.31 | 25.61 | 29.72 | 33.85 | 36.67 | 38.26 | 40.04 | 42.58 | 44.64 | 46.94  | 47.95  | 48.85  | 48.80  | 46.98  | 43.12  | 40.49 | 39.97 | 38.91 | 35.78 | 32.10 |
| 61758  | 2.88  | 2.44  | 2.23  | 2.09  | 2.02  | 2.24  | 2.73  | 3.16  | 3.51  | 3.67  | 4.10  | 4.36  | 4.50  | 4.81   | 4.87   | 5.27   | 5.31   | 5.10   | 4.58   | 4.21  | 4.15  | 3.73  | 3.40  | 3.00  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.87 | 0.00  | 0.00  | 0.00  | 0.00  | -1.31 | -1.00  | -1.45  | 0.00   | 0.00   | -0.07  | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| LONGIL | 33.45 | 29.29 | 25.09 | 23.95 | 23.80 | 26.13 | 30.73 | 35.60 | 40.00 | 43.61 | 45.96 | 48.33 | 53.09 | 60.00  | 60.66  | 66.95  | 69.36  | 62.32  | 54.86  | 48.45 | 47.13 | 45.69 | 42.40 | 36.68 |
| 61762  | 4.12  | 3.43  | 2.97  | 2.62  | 2.51  | 2.76  | 3.73  | 4.44  | 4.94  | 5.16  | 5.50  | 5.93  | 6.13  | 6.54   | 6.54   | 6.88   | 6.96   | 6.73   | 6.21   | 5.73  | 5.55  | 5.21  | 4.79  | 4.25  |
|        | -1.33 | -1.72 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -1.34 | -1.90 | -3.86 | -4.52 | -4.18 | -8.13 | -12.33 | -12.50 | -16.49 | -18.91 | -13.78 | -10.13 | -6.43 | -5.76 | -5.30 | -5.23 | -3.33 |
| MHK VL | 28.65 | 24.67 | 22.56 | 21.75 | 21.71 | 23.88 | 27.62 | 30.66 | 33.99 | 35.60 | 36.99 | 39.49 | 40.63 | 42.93  | 43.58  | 45.06  | 44.93  | 43.19  | 39.84  | 37.52 | 36.89 | 36.20 | 33.19 | 29.74 |
| 61756  | 0.64  | 0.53  | 0.44  | 0.43  | 0.43  | 0.51  | 0.62  | 0.71  | 0.83  | 1.00  | 1.04  | 1.26  | 1.32  | 1.44   | 1.42   | 1.48   | 1.43   | 1.38   | 1.31   | 1.23  | 1.07  | 1.02  | 0.81  | 0.64  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.13 | 0.00  | 0.00  | 0.00  | 0.00  | -0.48 | -0.37  | -0.53  | 0.00   | 0.00   | -0.01  | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| MILLWD | 31.08 | 26.75 | 24.49 | 23.52 | 23.41 | 25.75 | 29.94 | 34.11 | 36.94 | 38.54 | 40.30 | 42.85 | 44.91 | 47.17  | 48.19  | 49.02  | 48.98  | 47.21  | 43.35  | 40.75 | 40.23 | 39.12 | 36.04 | 32.27 |
| 61759  | 3.08  | 2.61  | 2.37  | 2.20  | 2.13  | 2.38  | 2.94  | 3.40  | 3.78  | 3.94  | 4.35  | 4.62  | 4.74  | 5.02   | 5.08   | 5.45   | 5.48   | 5.31   | 4.82   | 4.46  | 4.40  | 3.94  | 3.66  | 3.17  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.89 | 0.00  | 0.00  | 0.00  | 0.00  | -1.34 | -1.03  | -1.48  | 0.00   | 0.00   | -0.09  | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| N.Y.C. | 31.48 | 27.04 | 24.76 | 23.78 | 23.67 | 26.03 | 30.26 | 34.50 | 37.58 | 40.46 | 41.85 | 43.95 | 45.55 | 47.35  | 48.19  | 49.07  | 49.03  | 47.48  | 43.67  | 41.50 | 41.63 | 40.22 | 37.55 | 32.65 |
| 61761  | 3.47  | 2.90  | 2.63  | 2.45  | 2.38  | 2.66  | 3.27  | 3.79  | 4.18  | 4.32  | 4.71  | 4.93  | 5.01  | 5.10   | 5.08   | 5.49   | 5.53   | 5.40   | 5.09   | 4.72  | 4.65  | 4.22  | 4.01  | 3.55  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.89 | -0.24 | -1.54 | -1.19 | -0.79 | -1.71 | -1.12  | -1.48  | -0.01  | -0.01  | -0.28  | -0.05  | -0.50 | -1.15 | -0.82 | -1.15 | 0.00  |
| NORTH  | 26.77 | 23.08 | 21.24 | 20.45 | 20.45 | 22.36 | 25.92 | 28.69 | 31.80 | 33.14 | 34.22 | 36.32 | 37.13 | 39.29  | 40.03  | 41.62  | 41.67  | 39.97  | 36.80  | 34.65 | 34.32 | 33.88 | 31.15 | 28.03 |
| 61755  | -1.23 | -1.06 | -0.89 | -0.88 | -0.83 | -1.00 | -1.08 | -1.13 | -1.36 | -1.45 | -1.72 | -1.91 | -1.82 | -1.93  | -1.75  | -1.96  | -1.83  | -1.84  | -1.73  | -1.63 | -1.50 | -1.30 | -1.23 | -1.08 |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.13 | -0.10  | -0.14  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| NPX    | 30.16 | 25.96 | 23.82 | 22.92 | 22.84 | 25.07 | 29.59 | 32.65 | 35.71 | 37.26 | 38.97 | 41.48 | 43.58 | 45.75  | 46.73  | 47.28  | 47.28  | 45.44  | 41.73  | 39.26 | 38.72 | 37.78 | 34.78 | 31.31 |
| 61845  | 2.16  | 1.81  | 1.70  | 1.60  | 1.55  | 1.70  | 2.03  | 2.36  | 2.55  | 2.66  | 3.02  | 3.25  | 3.34  | 3.54   | 3.54   | 3.70   | 3.78   | 3.60   | 3.20   | 2.98  | 2.90  | 2.60  | 2.40  | 2.21  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.57 | -0.47 | 0.00  | 0.00  | 0.00  | 0.00  | -1.41 | -1.08  | -1.56  | 0.00   | 0.00   | -0.04  | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |

|               |                        |                        |                        |                        |                        |                        |                         |                         |                        |                        |                        |                        |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |                        |                        |
|---------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| O H<br>61846  | 27.10<br>-0.90<br>0.00 | 23.56<br>-0.58<br>0.00 | 21.19<br>-0.93<br>0.00 | 20.43<br>-0.89<br>0.00 | 20.43<br>-0.85<br>0.00 | 22.69<br>-0.68<br>0.00 | 26.35<br>-1.21<br>-0.57 | 27.16<br>-2.24<br>0.42  | 30.90<br>-2.26<br>0.00 | 32.35<br>-2.25<br>0.00 | 33.47<br>-2.48<br>0.00 | 35.70<br>-2.52<br>0.00 | 36.13<br>-3.03<br>-0.33 | 38.13<br>-3.25<br>-0.25 | 38.50<br>-3.50<br>-0.36 | 39.96<br>-3.62<br>0.00 | 39.54<br>-3.96<br>0.00 | 38.21<br>-3.60<br>0.00 | 35.88<br>-2.66<br>0.00 | 34.07<br>-2.21<br>0.00 | 33.71<br>-2.11<br>0.00 | 33.25<br>-1.93<br>0.00 | 31.05<br>-1.33<br>0.00 | 27.79<br>-1.31<br>0.00 |
| PJM<br>61847  | 29.43<br>1.43<br>0.00  | 25.40<br>1.25<br>0.00  | 23.12<br>1.00<br>0.00  | 22.24<br>0.92<br>0.00  | 22.18<br>0.89<br>0.00  | 24.47<br>1.10<br>0.00  | 28.81<br>1.24<br>-0.57  | 31.00<br>1.16<br>-0.02  | 34.49<br>1.33<br>0.00  | 36.05<br>1.45<br>0.00  | 37.67<br>1.73<br>0.00  | 40.10<br>1.87<br>0.00  | 41.53<br>1.75<br>-0.95  | 43.71<br>1.85<br>-0.73  | 44.52<br>1.83<br>-1.06  | 45.58<br>2.01<br>0.00  | 45.41<br>1.91<br>0.00  | 43.74<br>1.88<br>-0.05 | 40.42<br>1.89<br>0.00  | 38.14<br>1.85<br>0.00  | 37.65<br>1.83<br>0.00  | 36.80<br>1.62<br>0.00  | 33.91<br>1.52<br>0.00  | 30.44<br>1.34<br>0.00  |
| WEST<br>61752 | 27.64<br>-0.36<br>0.00 | 24.00<br>-0.14<br>0.00 | 21.55<br>-0.58<br>0.00 | 20.77<br>-0.55<br>0.00 | 20.77<br>-0.51<br>0.00 | 23.11<br>-0.26<br>0.00 | 26.24<br>-0.76<br>0.00  | 28.23<br>-1.73<br>-0.14 | 31.60<br>-1.56<br>0.00 | 33.18<br>-1.42<br>0.00 | 34.33<br>-1.62<br>0.00 | 36.66<br>-1.57<br>0.00 | 37.01<br>-2.14<br>-0.32 | 39.07<br>-2.30<br>-0.24 | 39.46<br>-2.54<br>-0.37 | 40.92<br>-2.66<br>0.00 | 40.45<br>-3.05<br>0.00 | 39.09<br>-2.72<br>0.00 | 36.68<br>-1.85<br>0.00 | 34.98<br>-1.30<br>0.00 | 34.60<br>-1.22<br>0.00 | 34.13<br>-1.05<br>0.00 | 31.96<br>-0.42<br>0.00 | 28.46<br>-0.64<br>0.00 |