

# Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/17/2013

| 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 | 34.49  | 30.58  | 26.76 | 26.15 | 27.73 | 33.00  | 34.65  | 35.69  | 38.38  | 40.16  | 43.02  | 41.45  | 40.65  | 42.44  | 41.30  | 45.07  | 45.00  | 42.67  | 40.20  | 40.99  | 45.31  | 39.95  | 36.38  | 34.55  |
| 61757  | 1.61   | 1.37   | 1.13  | 1.13  | 1.20  | 1.45   | 1.40   | 1.54   | 1.90   | 1.98   | 2.09   | 2.20   | 2.15   | 2.25   | 2.23   | 2.51   | 2.51   | 2.34   | 2.20   | 2.21   | 2.65   | 2.26   | 2.03   | 1.58   |
|        | 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   |
| CENTRL | 33.24  | 29.42  | 25.81 | 25.20 | 26.72 | 31.77  | 33.78  | 34.94  | 37.10  | 38.82  | 41.59  | 39.94  | 39.33  | 41.38  | 40.13  | 43.18  | 43.30  | 40.78  | 38.38  | 39.28  | 43.00  | 38.02  | 35.04  | 33.49  |
| 61754  | 0.36   | 0.21   | 0.18  | 0.18  | 0.19  | 0.22   | 0.53   | 0.79   | 0.62   | 0.65   | 0.61   | 0.43   | 0.50   | 0.64   | 0.55   | 0.43   | 0.55   | 0.44   | 0.38   | 0.50   | 0.34   | 0.34   | 0.69   | 0.53   |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -0.04  | -0.25  | -0.34  | -0.55  | -0.51  | -0.19  | -0.25  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| DUNWOD | 35.05  | 30.96  | 27.09 | 26.44 | 28.07 | 33.44  | 35.58  | 36.92  | 39.95  | 41.99  | 46.18  | 50.44  | 52.07  | 52.33  | 52.49  | 47.41  | 47.26  | 44.85  | 41.99  | 42.69  | 47.10  | 41.34  | 37.79  | 35.77  |
| 61760  | 2.17   | 1.75   | 1.46  | 1.43  | 1.54  | 1.89   | 2.33   | 2.77   | 3.47   | 3.82   | 4.18   | 4.08   | 4.04   | 4.22   | 4.14   | 4.85   | 4.76   | 4.52   | 3.99   | 3.91   | 4.44   | 3.65   | 3.43   | 2.80   |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -1.07  | -7.10  | -9.54  | -7.91  | -9.28  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| GENESE | 32.78  | 28.98  | 25.40 | 24.84 | 26.32 | 31.29  | 33.18  | 34.25  | 36.12  | 37.79  | 40.31  | 38.74  | 38.25  | 40.00  | 38.85  | 41.54  | 41.62  | 39.53  | 37.28  | 38.00  | 41.29  | 36.63  | 34.18  | 32.67  |
| 61753  | -0.10  | -0.23  | -0.23 | -0.17 | -0.21 | -0.25  | -0.07  | 0.10   | -0.36  | -0.38  | -0.66  | -0.71  | -0.50  | -0.40  | -0.47  | -1.02  | -0.68  | -0.81  | -0.72  | -0.78  | -1.37  | -1.05  | -0.17  | -0.30  |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -0.03  | -0.19  | -0.25  | -0.21  | -0.25  | 0.00   | 0.20   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| H Q    | 32.25  | 28.74  | 25.27 | 24.67 | 26.16 | 31.07  | 32.25  | 33.73  | 35.53  | 37.15  | 39.87  | 38.20  | 37.42  | 39.03  | 37.94  | 41.29  | 41.18  | 39.13  | 36.94  | 37.73  | 41.55  | 36.74  | 33.60  | 32.41  |
| 61844  | -0.63  | -0.47  | -0.36 | -0.35 | -0.37 | -0.47  | -0.60  | -0.82  | -0.95  | -1.03  | -1.06  | -1.06  | -1.08  | -1.17  | -1.13  | -1.28  | -1.32  | -1.21  | -1.06  | -1.05  | -1.11  | -0.94  | -0.76  | -0.56  |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.40   | -0.40  | 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 | 35.08  | 31.05  | 27.20 | 26.57 | 28.18 | 33.50  | 35.65  | 37.02  | 39.91  | 41.88  | 45.96  | 49.64  | 51.02  | 51.51  | 51.51  | 47.58  | 47.42  | 44.97  | 42.14  | 42.73  | 47.27  | 41.53  | 37.89  | 35.87  |
| 61758  | 2.20   | 1.84   | 1.56  | 1.55  | 1.65  | 1.96   | 2.40   | 2.87   | 3.43   | 3.70   | 4.09   | 4.16   | 4.16   | 4.38   | 4.30   | 5.02   | 4.93   | 4.64   | 4.14   | 3.96   | 4.61   | 3.85   | 3.54   | 2.90   |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -0.93  | -6.23  | -8.37  | -6.94  | -8.14  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| LONGIL | 47.34  | 46.21  | 34.62 | 32.22 | 33.16 | 44.48  | 49.07  | 56.38  | 61.92  | 66.10  | 74.74  | 78.07  | 80.25  | 80.48  | 95.38  | 89.65  | 81.82  | 74.18  | 57.77  | 57.78  | 80.26  | 71.65  | 50.94  | 48.84  |
| 61762  | 2.83   | 2.34   | 1.97  | 1.93  | 2.07  | 2.52   | 3.09   | 3.55   | 4.30   | 4.54   | 4.95   | 4.83   | 4.73   | 4.94   | 4.80   | 5.62   | 5.52   | 5.28   | 4.75   | 4.69   | 5.29   | 4.52   | 4.26   | 3.56   |
|        | -11.63 | -14.66 | -7.01 | -5.27 | -4.56 | -10.41 | -12.72 | -18.68 | -21.14 | -23.38 | -28.85 | -33.99 | -37.03 | -35.35 | -51.50 | -41.47 | -33.80 | -28.56 | -15.02 | -14.32 | -32.31 | -29.45 | -12.33 | -12.30 |
| MHK VL | 33.63  | 29.85  | 26.12 | 25.49 | 27.06 | 32.40  | 34.38  | 35.59  | 38.01  | 39.74  | 42.64  | 41.23  | 40.52  | 42.22  | 41.07  | 44.05  | 43.90  | 41.71  | 39.33  | 40.13  | 44.19  | 39.12  | 35.86  | 34.29  |
| 61756  | 0.76   | 0.64   | 0.49  | 0.47  | 0.53  | 0.85   | 1.13   | 1.43   | 1.53   | 1.57   | 1.64   | 1.49   | 1.38   | 1.49   | 1.37   | 1.49   | 1.40   | 1.37   | 1.33   | 1.36   | 1.53   | 1.43   | 1.51   | 1.32   |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -0.07  | -0.48  | -0.65  | -0.54  | -0.63  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| MILLWD | 35.01  | 30.96  | 27.09 | 26.44 | 28.07 | 33.44  | 35.58  | 36.92  | 39.91  | 41.92  | 46.16  | 50.34  | 51.94  | 52.25  | 52.36  | 47.41  | 47.26  | 44.81  | 41.99  | 42.69  | 47.14  | 41.38  | 37.79  | 35.74  |
| 61759  | 2.14   | 1.75   | 1.46  | 1.43  | 1.54  | 1.89   | 2.33   | 2.77   | 3.43   | 3.74   | 4.18   | 4.08   | 4.04   | 4.26   | 4.14   | 4.85   | 4.76   | 4.48   | 3.99   | 3.91   | 4.48   | 3.70   | 3.43   | 2.77   |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | -1.05  | -7.00  | -9.40  | -7.80  | -9.14  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| N.Y.C. | 38.34  | 34.73  | 31.33 | 30.74 | 32.19 | 36.88  | 38.80  | 39.70  | 42.47  | 45.79  | 47.95  | 51.72  | 53.11  | 53.35  | 53.45  | 49.08  | 49.25  | 48.54  | 44.48  | 43.12  | 47.52  | 41.83  | 38.23  | 36.20  |
| 61761  | 2.57   | 2.07   | 1.74  | 1.68  | 1.83  | 2.24   | 2.73   | 3.11   | 3.94   | 4.27   | 4.66   | 4.59   | 4.50   | 4.70   | 4.57   | 5.36   | 5.31   | 5.00   | 4.52   | 4.34   | 4.86   | 4.15   | 3.88   | 3.23   |
|        | -2.90  | -3.44  | -3.96 | -4.05 | -3.83 | -3.09  | -2.82  | -2.44  | -2.05  | -3.35  | -2.35  | -7.87  | -10.12 | -8.46  | -9.81  | -1.15  | -1.44  | -3.20  | -1.96  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| NORTH  | 31.99  | 28.57  | 25.09 | 24.52 | 26.03 | 30.98  | 32.59  | 33.13  | 35.13  | 36.61  | 39.29  | 37.61  | 36.76  | 38.30  | 37.20  | 40.39  | 40.28  | 38.36  | 36.29  | 37.22  | 41.13  | 36.44  | 33.43  | 32.51  |
| 61755  | -0.89  | -0.64  | -0.54 | -0.50 | -0.50 | -0.57  | -0.66  | -1.02  | -1.35  | -1.57  | -1.64  | -1.65  | -1.73  | -1.89  | -1.87  | -2.17  | -2.21  | -1.98  | -1.71  | -1.55  | -1.53  | -1.24  | -0.93  | -0.46  |
|        | 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    | 34.62  | 30.70  | 26.91 | 26.24 | 27.83 | 33.12  | 34.51  | 36.46  | 38.82  | 40.69  | 44.02  | 44.52  | 44.59  | 45.78  | 45.11  | 45.71  | 45.60  | 43.28  | 40.70  | 41.49  | 45.73  | 40.28  | 36.79  | 34.91  |
| 61845  | 1.74   | 1.49   | 1.28  | 1.23  | 1.30  | 1.58   | 1.66   | 1.91   | 2.34   | 2.52   | 2.70   | 2.71   | 2.65   | 2.73   | 2.69   | 3.15   | 3.10   | 2.94   | 2.70   | 2.71   | 3.07   | 2.60   | 2.44   | 1.94   |
|        | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   | 0.40   | -0.40  | 0.00   | 0.00   | -0.38  | -2.56  | -3.44  | -2.85  | -3.35  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |

|               |                        |                        |                        |                        |                        |                        |                        |                         |                        |                         |                         |                         |                         |                         |                         |                         |                         |                        |                        |                        |                        |                        |                        |                        |
|---------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| O H<br>61846  | 32.35<br>-0.53<br>0.00 | 28.57<br>-0.64<br>0.00 | 25.12<br>-0.51<br>0.00 | 24.47<br>-0.55<br>0.00 | 25.87<br>-0.66<br>0.00 | 30.63<br>-0.92<br>0.00 | 32.22<br>-0.63<br>0.40 | 33.94<br>-0.61<br>-0.40 | 35.06<br>-1.42<br>0.00 | 36.53<br>-1.64<br>0.00  | 38.80<br>-2.17<br>-0.04 | 37.35<br>-2.16<br>-0.26 | 36.95<br>-1.89<br>-0.34 | 38.00<br>-1.61<br>0.58  | 37.20<br>-1.60<br>0.27  | 39.73<br>-2.17<br>0.66  | 40.00<br>-1.74<br>0.75  | 38.56<br>-1.77<br>0.00 | 36.29<br>-1.71<br>0.00 | 36.95<br>-1.82<br>0.00 | 39.89<br>-2.77<br>0.00 | 35.46<br>-2.22<br>0.00 | 33.60<br>-0.76<br>0.00 | 32.01<br>-0.96<br>0.00 |
| PJM<br>61847  | 33.63<br>0.76<br>0.00  | 29.74<br>0.53<br>0.00  | 26.07<br>0.44<br>0.00  | 25.42<br>0.40<br>0.00  | 26.93<br>0.40<br>0.00  | 32.02<br>0.47<br>0.00  | 33.71<br>0.86<br>0.40  | 35.82<br>1.26<br>-0.40  | 37.72<br>1.24<br>0.00  | 39.47<br>1.30<br>0.00   | 42.74<br>1.31<br>-0.49  | 43.72<br>1.18<br>-3.28  | 44.21<br>1.31<br>-4.41  | 45.98<br>1.65<br>-4.14  | 45.26<br>1.56<br>-4.62  | 44.61<br>1.70<br>-0.34  | 45.06<br>1.83<br>-0.74  | 42.03<br>1.69<br>0.00  | 39.37<br>1.37<br>0.00  | 40.05<br>1.28<br>0.00  | 43.73<br>1.07<br>0.00  | 38.59<br>0.90<br>0.00  | 35.76<br>1.41<br>0.00  | 33.93<br>0.96<br>0.00  |
| WEST<br>61752 | 33.01<br>0.13<br>0.00  | 29.07<br>-0.15<br>0.00 | 25.55<br>-0.08<br>0.00 | 24.87<br>-0.15<br>0.00 | 26.32<br>-0.21<br>0.00 | 31.20<br>-0.35<br>0.00 | 33.38<br>0.13<br>0.00  | 34.12<br>-0.03<br>0.00  | 35.64<br>-0.84<br>0.00 | 37.11<br>-1.07<br>-0.04 | 39.46<br>-1.51<br>-0.04 | 37.97<br>-1.53<br>-0.25 | 37.56<br>-1.27<br>-0.33 | 43.02<br>-1.05<br>-3.88 | 40.89<br>-1.02<br>-2.84 | 43.50<br>-1.66<br>-2.60 | 44.40<br>-1.11<br>-3.00 | 39.17<br>-1.17<br>0.00 | 36.82<br>-1.18<br>0.00 | 37.50<br>-1.28<br>0.00 | 40.44<br>-2.22<br>0.00 | 35.95<br>-1.73<br>0.00 | 34.15<br>-0.20<br>0.00 | 32.57<br>-0.39<br>0.00 |