

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

02/12/2012

| 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   | EST    | EST   | EST   | EST   | EST   | EST   | EST   | EST   | EST   | EST    | EST    | EST    | EST    | EST    | EST   | EST   | EST    | EST    | EST    | EST    | EST    | EST    | EST    | EST    |
| CAPITL | 41.49  | 33.65 | 30.85 | 29.98 | 30.11 | 31.48 | 30.72 | 35.00 | 36.92 | 40.59  | 43.57  | 43.05  | 41.60  | 40.22  | 36.84 | 36.82 | 40.53  | 64.46  | 66.57  | 52.65  | 49.15  | 44.64  | 40.73  | 33.45  |
| 61757  | 2.08   | 2.10  | 2.13  | 2.01  | 1.97  | 2.07  | 1.90  | 1.76  | 2.00  | 1.98   | 2.08   | 2.06   | 2.10   | 1.98   | 2.02  | 1.97  | 2.10   | 2.27   | 2.87   | 2.38   | 2.24   | 2.11   | 2.00   | 1.90   |
|        | -10.57 | -2.76 | 0.00  | 0.00  | 0.00  | -0.62 | 0.00  | -4.46 | -5.93 | -9.05  | -10.47 | -9.84  | -8.65  | -8.65  | -5.19 | -4.93 | -7.12  | -27.84 | -20.94 | -14.80 | -13.92 | -11.11 | -8.88  | -2.74  |
| CENTRL | 30.12  | 29.10 | 28.61 | 27.83 | 28.06 | 28.86 | 28.76 | 29.25 | 29.81 | 30.83  | 32.37  | 32.42  | 32.04  | 30.77  | 30.33 | 30.55 | 32.25  | 37.84  | 45.21  | 37.22  | 34.74  | 32.75  | 30.83  | 29.15  |
| 61754  | -0.03  | -0.03 | -0.11 | -0.14 | -0.08 | 0.00  | -0.06 | -0.09 | 0.09  | 0.15   | 0.06   | 0.06   | 0.12   | 0.12   | 0.06  | 0.03  | 0.06   | 0.07   | -0.13  | -0.07  | 0.03   | -0.03  | -0.12  | 0.00   |
|        | -1.31  | -0.34 | 0.00  | 0.00  | 0.00  | -0.08 | 0.00  | -0.55 | -0.73 | -1.12  | -1.29  | -1.21  | -1.06  | -1.06  | -0.64 | -0.61 | -0.87  | -3.42  | -2.57  | -1.82  | -1.71  | -1.37  | -1.09  | -0.34  |
| DUNWOD | 39.66  | 33.62 | 31.34 | 30.46 | 30.59 | 31.96 | 31.58 | 35.00 | 36.58 | 39.73  | 42.40  | 42.16  | 40.82  | 39.45  | 36.75 | 36.92 | 40.14  | 59.44  | 63.52  | 50.70  | 47.17  | 43.33  | 39.80  | 33.72  |
| 61760  | 2.77   | 2.73  | 2.61  | 2.49  | 2.45  | 2.71  | 2.77  | 2.82  | 3.07  | 3.28   | 3.41   | 3.52   | 3.39   | 3.28   | 3.17  | 3.26  | 3.41   | 3.92   | 4.83   | 3.97   | 3.60   | 3.46   | 3.19   | 2.82   |
|        | -8.05  | -2.10 | 0.00  | 0.00  | 0.00  | -0.47 | 0.00  | -3.39 | -4.52 | -6.89  | -7.96  | -7.49  | -6.58  | -6.58  | -3.95 | -3.75 | -5.41  | -21.17 | -15.93 | -11.26 | -10.58 | -8.45  | -6.75  | -2.08  |
| GENESE | 29.29  | 28.42 | 27.95 | 27.24 | 27.53 | 28.30 | 28.15 | 28.41 | 28.98 | 29.87  | 31.32  | 31.39  | 31.10  | 29.84  | 29.51 | 29.76 | 31.31  | 36.22  | 43.50  | 35.90  | 33.48  | 31.71  | 29.82  | 28.62  |
| 61753  | -0.58  | -0.63 | -0.78 | -0.73 | -0.62 | -0.55 | -0.66 | -0.81 | -0.58 | -0.56  | -0.71  | -0.72  | -0.59  | -0.59  | -0.62 | -0.63 | -0.69  | -0.82  | -1.28  | -0.99  | -0.86  | -0.79  | -0.90  | -0.46  |
|        | -1.02  | -0.27 | 0.00  | 0.00  | 0.00  | -0.06 | 0.00  | -0.43 | -0.57 | -0.87  | -1.01  | -0.95  | -0.84  | -0.84  | -0.50 | -0.48 | -0.69  | -2.69  | -2.02  | -1.43  | -1.34  | -1.07  | -0.86  | -0.26  |
| H Q    | 28.18  | 28.18 | 28.18 | 27.46 | 27.67 | 28.18 | 28.18 | 28.18 | 28.18 | 28.70  | 30.15  | 30.28  | 29.96  | 28.76  | 28.83 | 29.10 | 30.47  | 33.39  | 41.69  | 34.54  | 32.10  | 30.28  | 29.49  | 28.18  |
| 61844  | -0.66  | -0.60 | -0.55 | -0.50 | -0.48 | -0.60 | -0.63 | -0.60 | -0.81 | -0.86  | -0.87  | -0.87  | -0.89  | -0.83  | -0.80 | -0.81 | -0.85  | -0.96  | -1.07  | -0.92  | -0.89  | -0.82  | -0.69  | -0.63  |
|        | 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   | 0.32   | -0.32  | 0.00   |
| HUD VL | 39.61  | 33.61 | 31.40 | 30.51 | 30.65 | 31.96 | 31.61 | 35.01 | 36.55 | 39.66  | 42.35  | 42.06  | 40.76  | 39.39  | 36.70 | 36.87 | 40.14  | 59.36  | 63.52  | 50.60  | 47.15  | 43.28  | 39.77  | 33.71  |
| 61758  | 2.77   | 2.73  | 2.67  | 2.54  | 2.50  | 2.71  | 2.79  | 2.85  | 3.07  | 3.25   | 3.41   | 3.46   | 3.36   | 3.26   | 3.14  | 3.23  | 3.44   | 3.95   | 4.92   | 3.94   | 3.63   | 3.46   | 3.19   | 2.82   |
|        | -8.00  | -2.09 | 0.00  | 0.00  | 0.00  | -0.47 | 0.00  | -3.37 | -4.49 | -6.85  | -7.92  | -7.45  | -6.54  | -6.54  | -3.93 | -3.73 | -5.38  | -21.06 | -15.84 | -11.20 | -10.53 | -8.41  | -6.72  | -2.07  |
| LONGIL | 40.88  | 34.93 | 32.52 | 31.71 | 31.78 | 35.05 | 35.03 | 36.12 | 37.69 | 45.74  | 48.15  | 46.79  | 46.16  | 44.90  | 41.65 | 43.13 | 48.04  | 66.84  | 66.78  | 61.55  | 60.04  | 63.35  | 51.55  | 49.60  |
| 61762  | 3.98   | 4.03  | 3.79  | 3.75  | 3.63  | 4.00  | 3.89  | 3.91  | 4.17  | 4.40   | 4.47   | 4.55   | 4.44   | 4.29   | 4.18  | 4.31  | 4.42   | 5.15   | 6.29   | 5.14   | 4.69   | 4.43   | 4.18   | 3.95   |
|        | -8.06  | -2.11 | 0.00  | 0.00  | 0.00  | -2.27 | -2.33 | -3.42 | -4.53 | -11.77 | -12.66 | -11.09 | -10.86 | -11.02 | -7.83 | -8.91 | -12.31 | -27.33 | -17.73 | -20.94 | -22.36 | -27.50 | -17.52 | -16.84 |
| MHK VL | 30.96  | 29.95 | 29.47 | 28.64 | 28.85 | 29.64 | 29.51 | 30.05 | 30.60 | 31.64  | 33.32  | 33.41  | 32.92  | 31.59  | 31.18 | 31.50 | 33.15  | 38.83  | 46.84  | 38.47  | 35.74  | 33.81  | 31.80  | 29.89  |
| 61756  | 0.75   | 0.81  | 0.75  | 0.67  | 0.70  | 0.78  | 0.69  | 0.69  | 0.84  | 0.92   | 1.02   | 1.06   | 1.02   | 0.95   | 0.92  | 0.99  | 0.97   | 1.10   | 1.54   | 1.21   | 1.06   | 1.04   | 0.87   | 0.72   |
|        | -1.36  | -0.36 | 0.00  | 0.00  | 0.00  | -0.08 | 0.00  | -0.57 | -0.76 | -1.17  | -1.27  | -1.20  | -1.05  | -1.05  | -0.63 | -0.60 | -0.86  | -3.38  | -2.54  | -1.80  | -1.69  | -1.35  | -1.08  | -0.35  |
| MILLWD | 39.64  | 33.52 | 31.22 | 30.34 | 30.51 | 31.85 | 31.49 | 34.94 | 36.53 | 39.63  | 42.30  | 42.03  | 40.72  | 39.36  | 36.61 | 36.77 | 40.15  | 59.68  | 63.77  | 50.82  | 47.32  | 43.43  | 39.88  | 33.74  |
| 61759  | 2.68   | 2.62  | 2.50  | 2.38  | 2.36  | 2.59  | 2.68  | 2.73  | 2.99  | 3.13   | 3.26   | 3.33   | 3.24   | 3.14   | 2.99  | 3.08  | 3.38   | 3.99   | 4.96   | 4.01   | 3.66   | 3.49   | 3.22   | 2.82   |
|        | -8.11  | -2.12 | 0.00  | 0.00  | 0.00  | -0.48 | 0.00  | -3.42 | -4.55 | -6.94  | -8.02  | -7.55  | -6.63  | -6.63  | -3.98 | -3.78 | -5.45  | -21.33 | -16.05 | -11.35 | -10.67 | -8.52  | -6.81  | -2.10  |
| N.Y.C. | 46.92  | 33.86 | 31.57 | 30.68 | 30.82 | 32.23 | 31.81 | 35.20 | 36.82 | 45.99  | 48.34  | 48.46  | 47.50  | 44.58  | 40.40 | 42.57 | 45.27  | 63.09  | 70.31  | 55.05  | 52.04  | 49.16  | 44.89  | 40.32  |
| 61761  | 3.03   | 2.96  | 2.84  | 2.71  | 2.67  | 2.96  | 3.00  | 3.02  | 3.31  | 3.55   | 3.69   | 3.80   | 3.64   | 3.52   | 3.41  | 3.50  | 3.70   | 4.26   | 5.22   | 4.33   | 3.89   | 3.74   | 3.49   | 3.08   |
|        | -15.05 | -2.11 | 0.00  | 0.00  | 0.00  | -0.48 | 0.00  | -3.40 | -4.52 | -12.88 | -13.63 | -13.51 | -13.01 | -11.47 | -7.36 | -9.16 | -10.26 | -24.47 | -22.33 | -15.25 | -15.15 | -14.01 | -11.54 | -8.43  |
| NORTH  | 28.04  | 28.06 | 28.09 | 27.38 | 27.58 | 28.09 | 28.06 | 28.04 | 27.98 | 28.53  | 30.03  | 30.12  | 29.74  | 28.62  | 28.78 | 29.04 | 30.44  | 33.26  | 41.78  | 34.54  | 32.10  | 30.63  | 29.32  | 28.35  |
| 61755  | -0.81  | -0.72 | -0.63 | -0.59 | -0.56 | -0.69 | -0.75 | -1.01 | -1.03 | -0.99  | -1.03  | -1.03  | -1.11  | -0.98  | -0.86 | -0.87 | -0.88  | -1.10  | -0.98  | -0.92  | -0.89  | -0.79  | -0.54  | -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    | 40.67  | 33.60 | 31.08 | 30.23 | 30.34 | 31.68 | 31.26 | 35.63 | 37.00 | 40.40  | 43.20  | 42.75  | 41.41  | 40.01  | 37.00 | 37.04 | 40.51  | 62.42  | 65.19  | 51.80  | 48.32  | 43.80  | 40.76  | 33.76  |
| 61845  | 2.31   | 2.33  | 2.36  | 2.27  | 2.20  | 2.33  | 2.45  | 2.48  | 2.67  | 2.69   | 2.76   | 2.74   | 2.78   | 2.63   | 2.70  | 2.69  | 2.79   | 3.02   | 3.59   | 3.01   | 2.80   | 2.70   | 2.60   | 2.48   |
|        | -9.52  | -2.49 | 0.00  | 0.00  | 0.00  | -0.56 | 0.00  | -4.37 | -5.34 | -8.15  | -9.42  | -8.86  | -7.78  | -7.78  | -4.67 | -4.44 | -6.40  | -25.04 | -18.84 | -13.32 | -12.52 | -9.68  | -8.31  | -2.46  |

|               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|
| OH<br>61846   | 28.77 | 27.59 | 27.00 | 26.40 | 26.65 | 27.37 | 27.17 | 27.52 | 28.10 | 28.93 | 30.26 | 30.36 | 30.06 | 28.81 | 28.41 | 28.57 | 30.17 | 35.64  | 41.95  | 34.75 | 32.41 | 30.14 | 29.11 | 27.73 |
|               | -1.44 | -1.55 | -1.72 | -1.57 | -1.49 | -1.50 | -1.64 | -1.84 | -1.65 | -1.80 | -2.11 | -2.06 | -1.91 | -1.89 | -1.90 | -1.97 | -2.07 | -2.30  | -3.51  | -2.62 | -2.38 | -2.39 | -2.21 | -1.44 |
|               | -1.36 | -0.36 | 0.00  | 0.00  | 0.00  | -0.08 | 0.00  | -0.58 | -0.76 | -1.17 | -1.35 | -1.27 | -1.11 | -1.11 | -0.67 | -0.64 | -0.92 | -3.59  | -2.70  | -1.91 | -1.79 | -1.11 | -1.46 | -0.35 |
| PJM<br>61847  | 35.81 | 31.46 | 29.79 | 29.00 | 29.19 | 30.30 | 30.05 | 32.41 | 33.65 | 36.00 | 38.20 | 38.07 | 37.07 | 35.75 | 33.83 | 34.01 | 36.70 | 51.20  | 56.10  | 45.21 | 42.11 | 38.59 | 36.29 | 31.62 |
|               | 1.24  | 1.18  | 1.06  | 1.03  | 1.04  | 1.18  | 1.24  | 1.21  | 1.45  | 1.54  | 1.52  | 1.59  | 1.54  | 1.48  | 1.39  | 1.44  | 1.53  | 1.79   | 2.01   | 1.74  | 1.58  | 1.48  | 1.31  | 1.33  |
|               | -5.73 | -1.50 | 0.00  | 0.00  | 0.00  | -0.34 | 0.00  | -2.41 | -3.21 | -4.90 | -5.66 | -5.33 | -4.68 | -4.68 | -2.81 | -2.67 | -3.85 | -15.06 | -11.33 | -8.01 | -7.53 | -5.69 | -5.12 | -1.48 |
| WEST<br>61752 | 29.07 | 27.92 | 27.32 | 26.68 | 26.93 | 27.68 | 27.55 | 27.90 | 28.52 | 29.37 | 30.72 | 30.89 | 30.58 | 29.29 | 28.80 | 28.97 | 30.61 | 36.30  | 42.78  | 35.44 | 32.99 | 30.93 | 29.15 | 28.12 |
|               | -1.10 | -1.21 | -1.41 | -1.29 | -1.21 | -1.18 | -1.27 | -1.44 | -1.22 | -1.33 | -1.61 | -1.50 | -1.36 | -1.39 | -1.48 | -1.56 | -1.60 | -1.55  | -2.61  | -1.88 | -1.75 | -1.89 | -1.82 | -1.04 |
|               | -1.33 | -0.35 | 0.00  | 0.00  | 0.00  | -0.08 | 0.00  | -0.56 | -0.74 | -1.13 | -1.31 | -1.24 | -1.08 | -1.08 | -0.65 | -0.62 | -0.89 | -3.49  | -2.63  | -1.86 | -1.75 | -1.39 | -1.11 | -0.34 |