

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

05/28/2013

| 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 | 34.09 | 31.94 | 28.13 | 27.56 | 28.84 | 31.91 | 37.15 | 43.64 | 46.13 | 47.99 | 48.85 | 46.94 | 47.16 | 47.85 | 49.25  | 49.78  | 50.42 | 50.35 | 48.83 | 48.29 | 52.33 | 47.90 | 41.55 | 36.69 |
| 61757  | 1.65  | 1.38  | 1.24  | 1.24  | 1.35  | 1.43  | 1.19  | 1.80  | 1.86  | 2.07  | 2.10  | 1.87  | 1.84  | 1.82  | 1.97   | 2.03   | 2.01  | 2.15  | 2.14  | 2.08  | 2.20  | 2.02  | 1.60  | 1.24  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.21 | -0.59 | -0.58 | -0.53 | -0.46  | -0.53  | -0.47 | -0.48 | -0.28 | -0.09 | 0.00  | 0.00  | 0.00  | 0.00  |
| CENTRL | 33.02 | 31.02 | 27.30 | 26.72 | 27.85 | 31.03 | 36.76 | 42.44 | 44.80 | 46.20 | 46.55 | 44.40 | 44.63 | 45.49 | 46.72  | 47.04  | 48.26 | 47.60 | 46.39 | 46.22 | 50.59 | 46.25 | 40.43 | 35.87 |
| 61754  | 0.58  | 0.46  | 0.40  | 0.40  | 0.36  | 0.55  | 0.79  | 0.29  | 0.53  | 0.28  | 0.09  | 0.13  | 0.09  | 0.09  | 0.09   | 0.05   | 0.14  | 0.10  | 0.09  | 0.14  | 0.45  | 0.37  | 0.48  | 0.43  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.30 | 0.00  | 0.00  | 0.09  | 0.22  | 0.20  | 0.10  | 0.20   | 0.23   | -0.18 | 0.21  | 0.12  | 0.04  | -0.02 | 0.00  | 0.00  | 0.00  |
| DUNWOD | 34.31 | 32.06 | 28.29 | 27.69 | 29.03 | 32.31 | 38.02 | 44.89 | 47.81 | 50.10 | 53.47 | 55.69 | 55.94 | 56.18 | 56.73  | 57.97  | 58.01 | 58.01 | 54.17 | 51.56 | 54.64 | 49.97 | 43.15 | 37.93 |
| 61760  | 1.88  | 1.50  | 1.40  | 1.37  | 1.54  | 1.83  | 2.05  | 3.05  | 3.54  | 4.18  | 4.47  | 4.23  | 4.25  | 4.32  | 4.45   | 4.49   | 4.51  | 4.58  | 4.46  | 4.38  | 4.51  | 4.08  | 3.20  | 2.48  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -2.46 | -6.98 | -6.94 | -6.36 | -5.45  | -6.25  | -5.57 | -5.72 | -3.30 | -1.05 | 0.00  | 0.00  | 0.00  | 0.00  |
| GENESE | 31.95 | 30.08 | 26.41 | 25.87 | 26.92 | 30.02 | 35.79 | 40.25 | 41.97 | 43.26 | 43.50 | 41.53 | 41.82 | 42.54 | 43.86  | 44.22  | 44.96 | 44.69 | 43.45 | 43.23 | 47.62 | 43.55 | 38.47 | 34.20 |
| 61753  | -0.49 | -0.49 | -0.48 | -0.45 | -0.58 | -0.46 | -0.18 | -1.59 | -2.30 | -2.66 | -2.98 | -2.76 | -2.73 | -2.78 | -2.81  | -2.83  | -2.83 | -2.86 | -2.88 | -2.86 | -2.50 | -2.34 | -1.48 | -1.24 |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.07  | 0.20  | 0.20  | 0.18  | 0.15   | 0.18   | 0.16  | 0.16  | 0.09  | 0.03  | 0.00  | 0.00  | 0.00  | 0.00  |
| H Q    | 32.01 | 30.32 | 26.65 | 26.08 | 27.25 | 30.12 | 35.57 | 41.42 | 43.83 | 45.46 | 46.03 | 44.00 | 44.25 | 45.00 | 46.31  | 46.71  | 47.42 | 47.19 | 45.91 | 45.62 | 49.58 | 45.38 | 39.51 | 35.20 |
| 61844  | -0.42 | -0.25 | -0.24 | -0.24 | -0.25 | -0.36 | -0.39 | -0.42 | -0.44 | -0.46 | -0.51 | -0.49 | -0.49 | -0.50 | -0.51  | -0.52  | -0.53 | -0.52 | -0.51 | -0.51 | -0.55 | -0.50 | -0.44 | -0.25 |
|        | 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  |
| HUD VL | 34.38 | 32.21 | 28.45 | 27.85 | 29.20 | 32.37 | 38.05 | 44.98 | 47.81 | 50.15 | 53.48 | 55.50 | 55.70 | 56.01 | 56.68  | 57.89  | 57.92 | 57.92 | 54.11 | 51.56 | 54.79 | 50.11 | 43.18 | 38.00 |
| 61758  | 1.95  | 1.65  | 1.56  | 1.53  | 1.71  | 1.89  | 2.09  | 3.14  | 3.54  | 4.22  | 4.56  | 4.27  | 4.25  | 4.37  | 4.59   | 4.63   | 4.60  | 4.68  | 4.50  | 4.43  | 4.66  | 4.22  | 3.23  | 2.55  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -2.37 | -6.74 | -6.71 | -6.14 | -5.26  | -6.04  | -5.38 | -5.52 | -3.19 | -1.01 | 0.00  | 0.00  | 0.00  | 0.00  |
| LONGIL | 34.96 | 32.40 | 28.53 | 27.87 | 29.28 | 32.77 | 38.96 | 47.57 | 49.12 | 52.22 | 57.96 | 56.70 | 57.00 | 57.89 | 63.00  | 63.00  | 61.19 | 62.00 | 58.17 | 57.57 | 63.00 | 58.00 | 49.79 | 42.86 |
| 61762  | 2.53  | 1.83  | 1.64  | 1.55  | 1.79  | 2.29  | 2.98  | 4.10  | 4.65  | 5.23  | 5.49  | 5.20  | 5.19  | 5.32  | 5.43   | 5.48   | 5.51  | 5.58  | 5.43  | 5.39  | 5.66  | 5.14  | 4.08  | 3.30  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.01 | -1.62 | -0.20 | -1.07 | -5.93 | -7.01 | -7.07 | -7.07 | -10.74 | -10.30 | -7.74 | -8.70 | -6.32 | -6.05 | -7.21 | -6.97 | -5.77 | -4.11 |
| MHK VL | 33.24 | 31.36 | 27.54 | 26.95 | 28.13 | 31.21 | 36.94 | 42.97 | 45.51 | 47.07 | 47.79 | 45.85 | 46.09 | 46.89 | 48.09  | 48.53  | 49.51 | 49.06 | 47.72 | 47.37 | 51.49 | 47.08 | 41.03 | 36.30 |
| 61756  | 0.81  | 0.79  | 0.64  | 0.63  | 0.63  | 0.73  | 0.97  | 1.13  | 1.24  | 1.15  | 1.16  | 1.11  | 1.07  | 1.09  | 1.08   | 1.09   | 1.15  | 1.14  | 1.16  | 1.20  | 1.35  | 1.19  | 1.08  | 0.85  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.08 | -0.25 | -0.28 | -0.30 | -0.19  | -0.22  | -0.42 | -0.20 | -0.14 | -0.05 | -0.01 | 0.00  | 0.00  | 0.00  |
| MILLWD | 34.31 | 32.06 | 28.32 | 27.72 | 29.06 | 32.31 | 38.05 | 44.94 | 47.85 | 50.10 | 53.52 | 55.74 | 55.94 | 56.27 | 56.82  | 58.06  | 58.11 | 58.11 | 54.15 | 51.55 | 54.73 | 50.02 | 43.18 | 37.93 |
| 61759  | 1.88  | 1.50  | 1.42  | 1.39  | 1.57  | 1.83  | 2.09  | 3.10  | 3.58  | 4.18  | 4.51  | 4.27  | 4.25  | 4.41  | 4.54   | 4.58   | 4.60  | 4.68  | 4.46  | 4.38  | 4.61  | 4.13  | 3.23  | 2.48  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -2.46 | -6.98 | -6.95 | -6.36 | -5.45  | -6.26  | -5.57 | -5.72 | -3.27 | -1.04 | 0.00  | 0.00  | 0.00  | 0.00  |
| N.Y.C. | 34.51 | 32.15 | 28.37 | 27.79 | 29.17 | 32.40 | 38.05 | 45.14 | 47.81 | 50.38 | 53.84 | 56.01 | 56.12 | 56.55 | 56.82  | 58.06  | 58.07 | 58.06 | 54.50 | 51.69 | 54.59 | 50.11 | 43.43 | 38.18 |
| 61761  | 2.08  | 1.59  | 1.48  | 1.47  | 1.68  | 1.92  | 2.09  | 3.30  | 3.54  | 4.45  | 4.84  | 4.54  | 4.43  | 4.69  | 4.54   | 4.58   | 4.56  | 4.63  | 4.78  | 4.52  | 4.46  | 4.22  | 3.47  | 2.73  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -2.46 | -6.98 | -6.95 | -6.37 | -5.45  | -6.26  | -5.57 | -5.72 | -3.30 | -1.05 | 0.00  | 0.00  | 0.00  | 0.00  |
| NORTH  | 31.27 | 29.98 | 26.33 | 25.72 | 26.89 | 29.44 | 34.85 | 40.75 | 43.21 | 44.69 | 45.15 | 43.15 | 43.54 | 44.27 | 45.42  | 45.81  | 46.55 | 46.33 | 45.12 | 44.83 | 48.72 | 44.60 | 38.79 | 34.92 |
| 61755  | -1.17 | -0.58 | -0.57 | -0.60 | -0.61 | -1.04 | -1.12 | -1.09 | -1.06 | -1.24 | -1.40 | -1.33 | -1.23 | -1.23 | -1.40  | -1.42  | -1.39 | -1.39 | -1.30 | -1.29 | -1.40 | -1.28 | -1.16 | -0.53 |
|        | 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    | 34.02 | 31.88 | 28.10 | 27.56 | 28.84 | 32.00 | 37.34 | 43.85 | 46.35 | 48.36 | 49.98 | 49.29 | 49.55 | 50.11 | 51.20  | 51.94  | 52.32 | 52.27 | 50.09 | 49.06 | 52.78 | 48.32 | 41.91 | 37.04 |
| 61845  | 1.59  | 1.31  | 1.21  | 1.24  | 1.35  | 1.52  | 1.37  | 2.01  | 2.08  | 2.43  | 2.60  | 2.45  | 2.46  | 2.46  | 2.53   | 2.60   | 2.49  | 2.62  | 2.55  | 2.58  | 2.65  | 2.43  | 1.96  | 1.60  |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.83 | -2.36 | -2.35 | -2.15 | -1.84  | -2.12  | -1.88 | -1.93 | -1.12 | -0.35 | 0.00  | 0.00  | 0.00  | 0.00  |

|               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH<br>61846   | 31.30 | 29.40 | 25.87 | 25.38 | 26.29 | 29.44 | 35.11 | 37.58 | 39.71 | 40.73 | 40.50 | 38.58 | 38.85 | 39.49 | 40.73 | 41.00 | 41.75 | 41.45 | 40.54 | 40.50 | 44.91 | 41.11 | 36.79 | 32.93 |
|               | -1.14 | -1.16 | -1.02 | -0.95 | -1.21 | -1.04 | -0.86 | -3.35 | -4.56 | -5.19 | -5.96 | -5.65 | -5.64 | -5.78 | -5.90 | -6.00 | -5.99 | -6.06 | -5.76 | -5.58 | -5.21 | -4.77 | -3.16 | -2.52 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.91  | 0.00  | 0.00  | 0.09  | 0.25  | 0.25  | 0.23  | 0.20  | 0.22  | 0.20  | 0.21  | 0.12  | 0.04  | 0.00  | 0.00  | 0.00  | 0.00  |
| PJM<br>61847  | 32.69 | 30.63 | 27.00 | 26.48 | 27.58 | 30.79 | 36.51 | 42.49 | 44.09 | 45.65 | 47.05 | 46.98 | 47.22 | 47.66 | 48.63 | 49.28 | 49.85 | 49.62 | 47.34 | 46.16 | 49.98 | 45.70 | 39.99 | 35.55 |
|               | 0.26  | 0.06  | 0.11  | 0.16  | 0.08  | 0.30  | 0.54  | -0.04 | -0.18 | -0.27 | -0.56 | -0.53 | -0.53 | -0.59 | -0.56 | -0.66 | -0.62 | -0.57 | -0.51 | -0.42 | -0.15 | -0.18 | 0.04  | 0.11  |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -0.69 | 0.00  | 0.00  | -1.07 | -3.03 | -3.01 | -2.76 | -2.36 | -2.71 | -2.53 | -2.48 | -1.43 | -0.46 | -0.01 | 0.00  | 0.00  | 0.00  |
| WEST<br>61752 | 31.85 | 29.95 | 26.36 | 25.82 | 26.75 | 29.99 | 36.01 | 43.04 | 40.11 | 41.15 | 40.97 | 39.05 | 39.37 | 40.01 | 41.31 | 41.59 | 42.34 | 41.94 | 41.01 | 40.97 | 45.47 | 41.53 | 37.27 | 33.43 |
|               | -0.58 | -0.61 | -0.54 | -0.50 | -0.74 | -0.49 | 0.04  | -2.63 | -4.16 | -4.78 | -5.49 | -5.20 | -5.14 | -5.28 | -5.34 | -5.43 | -5.42 | -5.58 | -5.29 | -5.12 | -4.66 | -4.36 | -2.68 | -2.02 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -3.83 | 0.00  | 0.00  | 0.08  | 0.23  | 0.23  | 0.21  | 0.18  | 0.21  | 0.19  | 0.19  | 0.11  | 0.04  | 0.00  | 0.00  | 0.00  | 0.00  |