

# Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/31/2006

| 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 | 42.04 | 41.06 | 38.23 | 37.47 | 40.00 | 49.65  | 68.29 | 78.07 | 81.20  | 82.81  | 83.28  | 81.02  | 77.57  | 77.48 | 75.01  | 75.91 | 82.22  | 104.08 | 97.70  | 90.69  | 79.23 | 72.84 | 67.64 | 53.62  |
| 61757  | 1.62  | 1.73  | 1.54  | 1.58  | 1.61  | 2.05   | 3.56  | 4.28  | 4.67   | 5.13   | 5.16   | 4.87   | 5.01   | 4.87  | 4.76   | 4.57  | 5.16   | 6.72   | 6.73   | 6.09   | 4.91  | 3.99  | 2.85  | 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   | -0.21 | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   |
| CENTRL | 38.73 | 37.52 | 35.04 | 34.24 | 36.70 | 45.55  | 62.53 | 72.17 | 74.92  | 76.05  | 76.48  | 74.62  | 70.67  | 70.87 | 68.25  | 69.78 | 75.21  | 95.41  | 88.96  | 82.82  | 72.31 | 67.20 | 62.91 | 49.49  |
| 61754  | -1.70 | -1.81 | -1.65 | -1.65 | -1.69 | -2.05  | -2.20 | -1.62 | -1.61  | -1.63  | -1.64  | -1.52  | -1.89  | -1.74 | -1.68  | -1.57 | -1.85  | -1.95  | -2.00  | -1.78  | -2.01 | -1.65 | -1.88 | -2.12  |
|        | 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  | 0.10   | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.01  | 0.00  | 0.00  | 0.00   |
| DUNWOD | 42.44 | 41.26 | 38.48 | 37.68 | 40.23 | 50.45  | 69.58 | 79.92 | 82.80  | 85.30  | 85.78  | 83.76  | 79.74  | 79.81 | 80.20  | 77.91 | 84.22  | 107.29 | 99.88  | 93.06  | 81.83 | 75.46 | 69.72 | 54.86  |
| 61760  | 2.02  | 1.93  | 1.80  | 1.79  | 1.84  | 2.86   | 4.85  | 6.12  | 6.28   | 7.61   | 7.66   | 7.61   | 7.18   | 7.19  | 6.93   | 6.56  | 7.17   | 9.93   | 8.91   | 8.46   | 7.51  | 6.61  | 4.92  | 3.25   |
|        | 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  | -3.23  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   |
| GENESE | 38.44 | 37.05 | 34.89 | 34.02 | 36.51 | 44.74  | 61.30 | 71.43 | 74.77  | 75.20  | 75.70  | 74.17  | 69.95  | 70.07 | 67.72  | 68.85 | 73.97  | 93.85  | 87.51  | 80.79  | 70.38 | 65.89 | 62.14 | 48.56  |
| 61753  | -1.98 | -2.28 | -1.80 | -1.87 | -1.88 | -2.86  | -3.43 | -2.36 | -1.76  | -2.49  | -2.42  | -1.98  | -2.61  | -2.54 | -2.31  | -2.50 | -3.08  | -3.50  | -3.46  | -3.81  | -3.94 | -2.96 | -2.66 | -3.04  |
|        | 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   | 0.01  | 0.00  | 0.00  | 0.00   |
| H Q    | 40.46 | 39.41 | 36.76 | 35.96 | 38.46 | 47.50  | 63.95 | 72.61 | 75.30  | 76.28  | 76.72  | 74.70  | 71.40  | 71.45 | 68.91  | 70.13 | 75.75  | 94.72  | 89.84  | 82.91  | 72.99 | 65.91 | 65.91 | 51.55  |
| 61844  | 0.04  | 0.08  | 0.07  | 0.07  | 0.08  | -0.10  | -0.78 | -1.18 | -1.22  | -1.40  | -1.41  | -1.45  | -1.16  | -1.16 | -1.12  | -1.21 | -1.31  | -1.95  | -1.82  | -1.69  | -1.34 | -1.24 | -0.58 | -0.05  |
|        | 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   | 0.69   | -0.69  | 0.00   | 0.00  | 1.70  | -1.70 | 0.00   |
| HUD VL | 42.28 | 41.10 | 38.34 | 37.54 | 40.08 | 50.22  | 69.32 | 79.48 | 82.42  | 84.91  | 85.39  | 83.38  | 79.23  | 79.37 | 79.11  | 77.41 | 83.68  | 106.61 | 99.33  | 92.55  | 81.24 | 74.91 | 69.26 | 54.55  |
| 61758  | 1.86  | 1.77  | 1.65  | 1.65  | 1.69  | 2.62   | 4.60  | 5.68  | 5.89   | 7.22   | 7.27   | 7.23   | 6.68   | 6.75  | 6.51   | 6.06  | 6.63   | 9.25   | 8.37   | 7.95   | 6.91  | 6.06  | 4.47  | 2.94   |
|        | 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  | -2.56  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   |
| LONGIL | 43.21 | 41.73 | 38.85 | 38.26 | 40.81 | 63.49  | 76.47 | 82.06 | 84.49  | 87.32  | 87.34  | 86.05  | 81.92  | 81.69 | 81.88  | 80.07 | 86.63  | 110.23 | 102.59 | 101.11 | 87.00 | 78.76 | 78.69 | 73.82  |
| 61762  | 2.79  | 2.40  | 2.16  | 2.37  | 2.42  | 4.00   | 6.54  | 8.26  | 7.96   | 9.63   | 9.22   | 9.90   | 9.36   | 9.08  | 8.61   | 8.70  | 9.56   | 12.85  | 11.37  | 10.74  | 9.51  | 8.40  | 6.54  | 4.59   |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | -11.89 | -5.21 | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | -3.23  | -0.02 | -0.02  | -0.02  | -0.26  | -5.77  | -3.16 | -1.51 | -7.35 | -17.62 |
| MHK VL | 40.46 | 39.29 | 36.43 | 35.64 | 38.23 | 47.55  | 65.24 | 73.87 | 76.60  | 77.84  | 78.28  | 75.99  | 71.83  | 71.89 | 69.33  | 70.49 | 76.90  | 97.36  | 91.51  | 85.11  | 74.25 | 68.71 | 64.53 | 51.45  |
| 61756  | 0.04  | -0.04 | -0.26 | -0.25 | -0.15 | -0.05  | 0.52  | 0.07  | 0.08   | 0.16   | 0.16   | -0.15  | -0.73  | -0.73 | -0.70  | -0.86 | -0.15  | 0.00   | 0.55   | 0.51   | -0.07 | -0.14 | -0.26 | -0.15  |
|        | 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   |
| MILLWD | 42.32 | 41.18 | 38.41 | 37.61 | 40.15 | 50.36  | 69.52 | 79.77 | 82.73  | 85.14  | 85.62  | 83.61  | 79.52  | 79.59 | 80.05  | 77.70 | 84.07  | 107.19 | 99.70  | 92.89  | 81.69 | 75.25 | 69.52 | 54.65  |
| 61759  | 1.90  | 1.85  | 1.72  | 1.72  | 1.77  | 2.76   | 4.79  | 5.98  | 6.20   | 7.46   | 7.50   | 7.46   | 6.97   | 6.97  | 6.86   | 6.35  | 7.01   | 9.83   | 8.73   | 8.29   | 7.36  | 6.40  | 4.73  | 3.04   |
|        | 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  | -3.15  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   |
| N.Y.C. | 42.81 | 41.58 | 38.74 | 37.94 | 40.50 | 50.84  | 70.23 | 80.58 | 97.00  | 101.08 | 101.16 | 97.00  | 95.00  | 88.46 | 88.60  | 87.32 | 100.65 | 126.75 | 119.00 | 102.60 | 86.11 | 76.72 | 70.69 | 55.38  |
| 61761  | 2.38  | 2.24  | 2.05  | 2.05  | 2.11  | 3.24   | 5.50  | 6.79  | 7.04   | 8.39   | 8.44   | 8.38   | 7.91   | 7.99  | 7.63   | 7.35  | 8.01   | 11.00  | 9.82   | 9.39   | 8.32  | 7.44  | 5.64  | 3.77   |
|        | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00   | 0.00  | 0.00  | -13.43 | -15.00 | -14.60 | -12.48 | -14.53 | -7.86 | -10.93 | -8.63 | -15.58 | -18.39 | -18.21 | -8.62  | -3.45 | -0.43 | -0.26 | 0.00   |
| NORTH  | 40.50 | 39.41 | 36.72 | 35.92 | 38.46 | 47.50  | 63.82 | 72.32 | 74.92  | 75.90  | 76.25  | 74.09  | 70.82  | 70.87 | 68.35  | 69.42 | 75.36  | 94.93  | 88.78  | 82.57  | 72.40 | 66.99 | 63.88 | 51.55  |
| 61755  | 0.08  | 0.08  | 0.04  | 0.04  | 0.08  | -0.10  | -0.91 | -1.48 | -1.61  | -1.79  | -1.87  | -2.06  | -1.74  | -1.74 | -1.68  | -1.93 | -1.70  | -2.43  | -2.18  | -2.03  | -1.93 | -1.86 | -0.91 | -0.05  |
|        | 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    | 50.00 | 41.02 | 40.00 | 40.00 | 40.00 | 49.79  | 68.22 | 78.00 | 80.89  | 82.81  | 83.20  | 81.17  | 77.42  | 77.41 | 76.10  | 75.56 | 81.68  | 102.80 | 97.48  | 90.18  | 79.53 | 73.26 | 67.84 | 53.82  |
| 61845  | 1.58  | 1.69  | 1.58  | 1.58  | 1.61  | 2.19   | 3.50  | 4.21  | 4.36   | 5.13   | 5.08   | 5.03   | 4.86   | 4.79  | 4.55   | 4.21  | 4.62   | 6.13   | 5.82   | 5.58   | 5.20  | 4.41  | 3.05  | 2.22   |
|        | -8.00 | 0.00  | -1.74 | -2.53 | 0.00  | 0.00   | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | -1.51  | 0.00  | 0.00   | 0.69   | -0.69  | 0.00   | 0.00  | 0.00  | 0.00  | 0.00   |

|               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |        |        |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|
| OH<br>61846   | 35.98 | 34.42 | 32.39 | 31.51 | 33.90 | 41.27 | 47.00 | 75.26 | 69.79 | 69.76 | 70.00 | 68.08 | 64.00 | 64.19 | 62.26 | 63.07 | 67.35 | 84.50  | 81.47  | 74.11  | 64.58 | 60.86 | 58.12 | 45.00 |
|               | -4.45 | -4.92 | -4.29 | -4.38 | -4.49 | -6.33 | -8.80 | -7.45 | -6.73 | -7.92 | -8.12 | -8.07 | -8.56 | -8.42 | -7.77 | -8.28 | -9.71 | -12.17 | -10.19 | -10.49 | -9.74 | -7.99 | -6.67 | -6.61 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 8.92  | -8.92 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.69   | -0.69  | 0.00   | 0.01  | 0.00  | 0.00  | 0.00  |
| PJM<br>61847  | 34.56 | 33.39 | 31.26 | 30.54 | 32.74 | 39.68 | 59.03 | 67.00 | 69.26 | 70.30 | 71.02 | 69.37 | 64.94 | 65.06 | 62.59 | 64.07 | 68.97 | 88.00  | 83.38  | 77.41  | 67.41 | 62.17 | 57.41 | 44.59 |
|               | -5.86 | -5.94 | -5.43 | -5.35 | -5.64 | -6.43 | -7.18 | -6.79 | -7.27 | -7.38 | -7.11 | -6.78 | -7.62 | -7.55 | -7.28 | -7.28 | -8.09 | -8.66  | -8.28  | -7.19  | -6.91 | -6.68 | -7.39 | -7.02 |
|               | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 1.49  | -1.49 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.16  | 0.00  | 0.00  | 0.69   | -0.69  | 0.00   | 0.01  | 0.00  | 0.00  | 0.00  |
| WEST<br>61752 | 35.82 | 34.26 | 32.21 | 31.33 | 33.82 | 41.36 | 56.31 | 67.15 | 70.56 | 70.38 | 70.70 | 68.84 | 64.58 | 64.77 | 62.66 | 63.57 | 67.96 | 86.26  | 81.59  | 74.87  | 65.25 | 61.35 | 58.31 | 44.90 |
|               | -4.61 | -5.07 | -4.48 | -4.56 | -4.57 | -6.24 | -8.41 | -6.64 | -5.97 | -7.30 | -7.42 | -7.31 | -7.98 | -7.84 | -7.28 | -7.78 | -9.09 | -11.10 | -9.37  | -9.73  | -9.07 | -7.50 | -6.48 | -6.71 |
|               | 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  | 0.09  | 0.00  | 0.00  | 0.00   | 0.00   | 0.00   | 0.01  | 0.00  | 0.00  | 0.00  |