

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Zonal Data

10/10/2010

| 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          | 36.80 | 36.58 | 33.82 | 33.32 | 34.45 | 33.60 | 28.66 | 23.66 | 35.01 | 31.42 | 33.93 | 34.42 | 33.36 | 34.42 | 32.97 | 33.93 | 33.59 | 34.85 | 35.39 | 36.51 | 39.54 | 35.03 | 32.28 | 38.59 |
| 61757           | 0.84  | 0.71  | 0.63  | 0.61  | 0.63  | 0.71  | 0.61  | 0.44  | 0.81  | 0.85  | 0.95  | 0.84  | 0.72  | 0.64  | 0.42  | 0.58  | 0.62  | 0.71  | 1.07  | 1.37  | 1.01  | 0.50  | 0.33  | 0.45  |
|                 | 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  |
|                 | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |
| CENTRL<br>61754 | 35.57 | 35.67 | 33.12 | 32.68 | 33.82 | 32.77 | 27.92 | 23.19 | 34.08 | 30.44 | 32.88 | 33.48 | 32.51 | 33.68 | 32.47 | 33.22 | 32.86 | 33.96 | 34.33 | 35.32 | 38.46 | 34.49 | 31.95 | 38.04 |
|                 | -0.40 | -0.20 | -0.07 | -0.03 | 0.00  | -0.12 | -0.13 | -0.02 | -0.11 | -0.14 | -0.09 | -0.10 | -0.13 | -0.10 | -0.09 | -0.13 | -0.10 | -0.18 | 0.01  | 0.18  | -0.07 | -0.04 | 0.00  | -0.09 |
|                 | 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  |
|                 | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |
| DUNWOD<br>61760 | 37.93 | 37.42 | 34.54 | 34.01 | 35.14 | 34.24 | 29.27 | 24.15 | 35.80 | 32.25 | 34.86 | 35.55 | 34.53 | 35.67 | 34.38 | 35.29 | 34.86 | 36.18 | 36.79 | 38.11 | 41.12 | 36.34 | 33.50 | 39.84 |
|                 | 1.97  | 1.55  | 1.35  | 1.30  | 1.32  | 1.35  | 1.22  | 0.93  | 1.61  | 1.67  | 1.89  | 1.98  | 1.88  | 1.90  | 1.82  | 1.93  | 1.89  | 2.05  | 2.47  | 2.97  | 2.60  | 1.81  | 1.55  | 1.71  |
|                 | 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  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
|                 | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |
| GENESE<br>61753 | 34.69 | 34.94 | 32.52 | 32.21 | 33.31 | 32.27 | 27.42 | 22.89 | 33.37 | 29.63 | 31.96 | 32.57 | 31.79 | 33.00 | 31.89 | 32.63 | 32.26 | 33.17 | 33.31 | 34.46 | 37.59 | 34.08 | 31.50 | 37.35 |
|                 | -1.27 | -0.93 | -0.68 | -0.50 | -0.51 | -0.62 | -0.63 | -0.33 | -0.82 | -0.95 | -1.02 | -1.01 | -0.86 | -0.78 | -0.66 | -0.73 | -0.70 | -0.96 | -1.01 | -0.68 | -0.94 | -0.46 | -0.45 | -0.78 |
|                 | 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  |
|                 | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     | N     |
| H Q<br>61844    | 33.50 | 35.03 | 33.27 | 32.75 | 33.85 | 32.96 | 28.10 | 27.35 | 34.26 | 30.60 | 32.97 | 34.19 | 32.67 | 33.82 | 32.62 | 33.42 | 33.03 | 34.18 | 39.00 | 34.73 | 39.00 | 34.60 | 32.07 | 36.1  |

|                |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                              |                             |                             |                             |                             |                             |
|----------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| NORTH<br>61755 | 36.09<br>0.13<br>N          | 36.03<br>0.16<br>N          | 33.28<br>0.09<br>N          | 32.74<br>0.02<br>N          | 33.90<br>0.08<br>N          | 33.05<br>0.15<br>N          | 28.17<br>0.12<br>N          | 23.27<br>0.06<br>N          | 34.40<br>0.21<br>N          | 30.64<br>0.06<br>N          | 32.92<br>-0.05<br>N         | 33.46<br>-0.12<br>N         | 32.53<br>-0.12<br>N         | 33.68<br>-0.10<br>N         | 32.48<br>-0.07<br>N         | 33.32<br>-0.03<br>N         | 32.98<br>0.02<br>N          | 34.21<br>0.08<br>N          | 34.07<br>-0.25<br>N          | 34.70<br>-0.44<br>N         | 38.37<br>-0.15<br>N         | 34.53<br>-0.01<br>N         | 32.17<br>0.22<br>N          | 38.43<br>0.30<br>N          |
| NPX<br>61845   | 34.63<br>1.24<br>2.73<br>N  | 36.82<br>0.95<br>0.00<br>N  | 34.04<br>0.85<br>0.00<br>N  | 33.53<br>0.82<br>0.00<br>N  | 34.67<br>0.85<br>0.00<br>N  | 33.80<br>0.91<br>0.00<br>N  | 28.81<br>0.76<br>0.00<br>N  | 23.76<br>0.55<br>0.00<br>N  | 35.25<br>1.05<br>0.00<br>N  | 31.69<br>1.11<br>0.00<br>N  | 34.24<br>1.27<br>0.00<br>N  | 34.80<br>1.22<br>0.00<br>N  | 33.76<br>1.11<br>0.00<br>N  | 34.84<br>1.06<br>0.00<br>N  | 33.47<br>0.91<br>0.00<br>N  | 34.38<br>1.03<br>0.00<br>N  | 34.02<br>1.06<br>0.00<br>N  | 35.29<br>1.15<br>0.00<br>N  | 38.40<br>1.72<br>-1.69<br>N  | 36.99<br>1.84<br>0.00<br>N  | 40.08<br>1.55<br>0.00<br>N  | 35.40<br>0.87<br>0.00<br>N  | 32.63<br>0.69<br>0.00<br>N  | 38.96<br>0.83<br>0.00<br>N  |
| O H<br>61846   | 30.23<br>-3.16<br>2.73<br>N | 33.90<br>-1.97<br>0.00<br>N | 31.69<br>-1.50<br>0.00<br>N | 31.56<br>-1.16<br>0.00<br>N | 32.68<br>-1.14<br>0.00<br>N | 31.41<br>-1.48<br>0.00<br>N | 26.43<br>-1.63<br>0.00<br>N | 22.16<br>-1.06<br>0.00<br>N | 31.94<br>-2.26<br>0.00<br>N | 28.05<br>-2.53<br>0.00<br>N | 30.27<br>-2.70<br>0.00<br>N | 30.90<br>-2.67<br>0.00<br>N | 30.24<br>-2.41<br>0.00<br>N | 31.50<br>-2.28<br>0.00<br>N | 30.53<br>-2.03<br>0.00<br>N | 31.20<br>-2.16<br>0.00<br>N | 30.76<br>-2.20<br>0.00<br>N | 31.49<br>-2.65<br>0.00<br>N | 33.37<br>-3.32<br>-1.69<br>N | 32.51<br>-2.63<br>0.00<br>N | 35.53<br>-3.00<br>0.00<br>N | 32.66<br>-1.88<br>0.00<br>N | 30.36<br>-1.59<br>0.00<br>N | 36.10<br>-2.04<br>0.00<br>N |
| PJM<br>61847   | 33.34<br>-0.05<br>2.73<br>N | 33.94<br>-1.93<br>0.00<br>N | 31.69<br>-1.50<br>0.00<br>N | 31.21<br>-1.50<br>0.00<br>N | 32.42<br>-1.40<br>0.00<br>N | 31.21<br>-1.68<br>0.00<br>N | 26.55<br>-1.50<br>0.00<br>N | 22.10<br>-1.12<br>0.00<br>N | 32.45<br>-1.74<br>0.00<br>N | 28.82<br>-1.75<br>0.00<br>N | 31.21<br>-1.76<br>0.00<br>N | 31.87<br>-1.71<br>0.00<br>N | 30.77<br>-1.88<br>0.00<br>N | 31.97<br>-1.81<br>0.00<br>N | 30.91<br>-1.65<br>0.00<br>N | 31.49<br>-1.87<br>0.00<br>N | 31.22<br>-1.75<br>0.00<br>N | 32.22<br>-1.92<br>0.00<br>N | 37.07<br>0.38<br>-1.69<br>N  | 33.56<br>-1.59<br>0.00<br>N | 36.28<br>-2.25<br>0.00<br>N | 32.64<br>-1.89<br>0.00<br>N | 30.54<br>-1.40<br>0.00<br>N | 36.45<br>-1.68<br>0.00<br>N |
| WEST<br>61752  | 33.86<br>-2.10<br>0.00<br>N | 34.41<br>-1.46<br>0.00<br>N | 32.14<br>-1.05<br>0.00<br>N | 31.93<br>-0.79<br>0.00<br>N | 33.08<br>-0.74<br>0.00<br>N | 31.77<br>-1.12<br>0.00<br>N | 26.78<br>-1.28<br>0.00<br>N | 22.43<br>-0.79<br>0.00<br>N | 32.48<br>-1.71<br>0.00<br>N | 28.65<br>-1.93<br>0.00<br>N | 30.98<br>-1.99<br>0.00<br>N | 31.63<br>-1.95<br>0.00<br>N | 30.81<br>-1.83<br>0.00<br>N | 32.07<br>-1.70<br>0.00<br>N | 31.05<br>-1.51<br>0.00<br>N | 31.69<br>-1.66<br>0.00<br>N | 31.29<br>-1.68<br>0.00<br>N | 32.08<br>-2.05<br>0.00<br>N | 32.14<br>-2.18<br>0.00<br>N  | 33.23<br>-1.92<br>0.00<br>N | 36.17<br>-2.36<br>0.00<br>N | 33.13<br>-1.41<br>0.00<br>N | 30.87<br>-1.08<br>0.00<br>N | 36.72<br>-1.42<br>0.00<br>N |