

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

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

## Zonal Data

10/05/2010

| 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          | 39.10 | 30.34 | 30.62 | 31.92 | 32.14 | 30.49 | 40.08 | 40.64 | 38.14 | 41.72 | 39.35 | 39.67 | 36.42 | 35.50 | 35.75 | 35.67 | 35.71 | 36.21 | 38.18 | 41.44 | 39.42 | 32.59 | 34.97 | 33.39 |
| 61757           | 0.58  | 0.55  | 0.49  | 0.67  | 0.67  | 0.54  | 0.65  | 0.63  | 1.13  | 1.70  | 1.57  | 1.59  | 1.30  | 1.20  | 1.04  | 0.89  | 0.92  | 1.28  | 1.70  | 2.02  | 1.45  | 0.70  | 0.27  | 0.37  |
|                 | 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 | 38.39 | 29.69 | 30.13 | 31.15 | 31.29 | 29.72 | 39.20 | 39.79 | 36.78 | 39.93 | 37.52 | 37.82 | 34.86 | 34.02 | 34.34 | 34.38 | 34.44 | 34.76 | 36.22 | 39.34 | 37.72 | 31.53 | 34.55 | 32.77 |
|                 | -0.13 | -0.10 | -0.01 | -0.09 | -0.18 | -0.23 | -0.22 | -0.22 | -0.22 | -0.09 | -0.26 | -0.27 | -0.27 | -0.28 | -0.37 | -0.41 | -0.36 | -0.17 | -0.27 | -0.08 | -0.25 | -0.35 | -0.14 | -0.24 |
|                 | 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 | 39.65 | 30.74 | 31.09 | 32.34 | 32.59 | 30.91 | 41.02 | 41.81 | 39.40 | 43.34 | 40.89 | 41.29 | 37.81 | 36.84 | 37.10 | 37.05 | 37.11 | 37.57 | 39.40 | 42.71 | 40.66 | 33.68 | 36.14 | 34.29 |
|                 | 1.13  | 0.95  | 0.96  | 1.10  | 1.13  | 0.96  | 1.59  | 1.80  | 2.39  | 3.32  | 3.11  | 3.20  | 2.69  | 2.54  | 2.38  | 2.26  | 2.31  | 2.64  | 2.92  | 3.29  | 2.68  | 1.79  | 1.45  | 1.27  |
|                 | 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 | 38.11 | 29.48 | 29.87 | 30.88 | 30.99 | 29.74 | 39.07 | 39.65 | 36.45 | 39.37 | 36.99 | 37.25 | 34.40 | 33.54 | 33.89 | 33.88 | 33.90 | 34.18 | 35.43 | 38.39 | 36.87 | 30.92 | 34.06 | 32.41 |
|                 | -0.41 | -0.31 | -0.27 | -0.37 | -0.47 | -0.22 | -0.36 | -0.35 | -0.56 | -0.64 | -0.79 | -0.84 | -0.72 | -0.76 | -0.82 | -0.91 | -0.90 | -0.74 | -1.05 | -1.03 | -1.10 | -0.97 | -0.63 | -0.61 |
|                 | 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    | 38.73 | 29.90 | 30.24 | 31.34 | 31.60 | 30.16 | 38.00 | 40.23 | 37.00 | 39.73 | 37.55 | 39.49 | 34.99 | 34.21 | 34.70 | 34.86 | 34.83 | 34.77 | 36.25 | 39.06 | 37.88 | 32.03 | 34.86 | 33.1  |

|                |                             |                             |                              |                             |                             |                             |                               |                             |                             |                             |                             |                              |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |
|----------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| NORTH<br>61755 | 39.20<br>0.69<br>0.00<br>N  | 30.21<br>0.42<br>0.00<br>N  | 30.52<br>0.39<br>0.00<br>N   | 31.64<br>0.39<br>0.00<br>N  | 31.90<br>0.44<br>0.00<br>N  | 30.56<br>0.61<br>0.00<br>N  | 40.26<br>0.84<br>0.00<br>N    | 40.67<br>0.67<br>0.00<br>N  | 37.33<br>0.32<br>0.00<br>N  | 39.96<br>-0.05<br>0.00<br>N | 37.72<br>-0.06<br>0.00<br>N | 37.90<br>-0.18<br>0.00<br>N  | 35.05<br>-0.07<br>0.00<br>N | 34.24<br>-0.05<br>0.00<br>N | 34.69<br>-0.03<br>0.00<br>N | 34.84<br>0.05<br>0.00<br>N  | 34.78<br>-0.02<br>0.00<br>N | 34.76<br>-0.16<br>0.00<br>N | 36.29<br>-0.19<br>0.00<br>N | 39.10<br>-0.31<br>0.00<br>N | 37.94<br>-0.03<br>0.00<br>N | 32.15<br>0.26<br>0.00<br>N  | 35.11<br>0.41<br>0.00<br>N  | 33.45<br>0.44<br>0.00<br>N  |
| NPX<br>61845   | 39.20<br>0.68<br>0.00<br>N  | 30.43<br>0.64<br>0.00<br>N  | 30.73<br>0.59<br>0.00<br>N   | 32.06<br>0.81<br>0.00<br>N  | 32.27<br>0.80<br>0.00<br>N  | 30.58<br>0.63<br>0.00<br>N  | 39.19<br>1.30<br>-1.90<br>N   | 40.91<br>0.90<br>0.00<br>N  | 38.52<br>1.51<br>0.00<br>N  | 42.31<br>2.29<br>0.00<br>N  | 39.92<br>2.14<br>0.00<br>N  | 42.15<br>2.43<br>-0.58<br>N  | 36.93<br>1.81<br>0.00<br>N  | 35.97<br>1.67<br>0.00<br>N  | 36.22<br>1.50<br>0.00<br>N  | 36.14<br>1.35<br>0.00<br>N  | 36.18<br>1.38<br>0.00<br>N  | 36.69<br>1.76<br>0.00<br>N  | 38.62<br>2.14<br>0.00<br>N  | 41.83<br>2.41<br>0.00<br>N  | 39.77<br>1.79<br>0.00<br>N  | 32.87<br>0.98<br>0.00<br>N  | 35.25<br>0.56<br>0.00<br>N  | 33.63<br>0.61<br>0.00<br>N  |
| O H<br>61846   | 37.33<br>-1.18<br>0.00<br>N | 28.96<br>-0.83<br>0.00<br>N | 29.35<br>-0.78<br>0.00<br>N  | 30.35<br>-0.90<br>0.00<br>N | 30.41<br>-1.06<br>0.00<br>N | 29.21<br>-0.75<br>0.00<br>N | 45.50<br>-1.76<br>-11.27<br>N | 38.20<br>-1.80<br>0.00<br>N | 34.84<br>-2.17<br>0.00<br>N | 37.45<br>-2.57<br>0.00<br>N | 34.99<br>-2.79<br>0.00<br>N | 36.39<br>-3.33<br>-0.58<br>N | 32.52<br>-2.60<br>0.00<br>N | 31.66<br>-2.63<br>0.00<br>N | 32.03<br>-2.69<br>0.00<br>N | 31.96<br>-2.83<br>0.00<br>N | 31.90<br>-2.90<br>0.00<br>N | 32.21<br>-2.72<br>0.00<br>N | 33.14<br>-3.34<br>0.00<br>N | 35.81<br>-3.61<br>0.00<br>N | 34.47<br>-3.50<br>0.00<br>N | 29.16<br>-2.73<br>0.00<br>N | 32.61<br>-2.09<br>0.00<br>N | 31.36<br>-1.66<br>0.00<br>N |
| PJM<br>61847   | 36.60<br>-1.92<br>0.00<br>N | 28.28<br>-1.51<br>0.00<br>N | 29.55<br>-0.83<br>-1.97<br>N | 29.97<br>-1.27<br>0.00<br>N | 30.07<br>-1.40<br>0.00<br>N | 28.39<br>-1.56<br>0.00<br>N | 38.24<br>0.35<br>-1.90<br>N   | 37.87<br>-2.14<br>0.00<br>N | 34.85<br>-2.16<br>0.00<br>N | 38.01<br>-2.01<br>0.00<br>N | 35.53<br>-2.25<br>0.00<br>N | 40.63<br>0.91<br>-0.58<br>N  | 32.86<br>-2.26<br>0.00<br>N | 32.03<br>-2.27<br>0.00<br>N | 32.22<br>-2.49<br>0.00<br>N | 32.06<br>-2.73<br>0.00<br>N | 32.03<br>-2.76<br>0.00<br>N | 32.47<br>-2.46<br>0.00<br>N | 33.62<br>-2.86<br>0.00<br>N | 36.78<br>-2.64<br>0.00<br>N | 35.20<br>-2.78<br>0.00<br>N | 29.37<br>-2.52<br>0.00<br>N | 32.59<br>-2.10<br>0.00<br>N | 30.91<br>-2.11<br>0.00<br>N |
| WEST<br>61752  | 37.81<br>-0.71<br>0.00<br>N | 29.28<br>-0.51<br>0.00<br>N | 29.75<br>-0.39<br>0.00<br>N  | 30.74<br>-0.50<br>0.00<br>N | 30.80<br>-0.66<br>0.00<br>N | 29.49<br>-0.47<br>0.00<br>N | 38.49<br>-0.94<br>0.00<br>N   | 38.75<br>-1.26<br>0.00<br>N | 35.34<br>-1.67<br>0.00<br>N | 38.11<br>-1.91<br>0.00<br>N | 35.59<br>-2.18<br>0.00<br>N | 35.78<br>-2.31<br>0.00<br>N  | 33.06<br>-2.07<br>0.00<br>N | 32.18<br>-2.12<br>0.00<br>N | 32.48<br>-2.23<br>0.00<br>N | 32.40<br>-2.40<br>0.00<br>N | 32.32<br>-2.47<br>0.00<br>N | 32.67<br>-2.25<br>0.00<br>N | 33.65<br>-2.84<br>0.00<br>N | 36.47<br>-2.95<br>0.00<br>N | 35.05<br>-2.93<br>0.00<br>N | 29.68<br>-2.21<br>0.00<br>N | 33.18<br>-1.52<br>0.00<br>N | 31.79<br>-1.23<br>0.00<br>N |