

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$                      --- Marginal Cost of Losses                      --- Marginal Cost of Congestion

## Zonal Prices

Date: 04/04/2000

| 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   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| CAPITL | 14.63 | 12.96 | 13.67 | 13.05 | 12.53 | 16.75 | 32.10 | 27.26 | 28.19 | 32.45 | 39.29 | 35.23 | 36.47 | 38.73 | 34.52 | 32.56 | 35.36 | 31.65 | 30.92 | 33.60 | 33.33 | 32.05 | 28.96 | 25.24 |
| 61757  | 0.28  | 0.23  | 0.31  | 0.28  | 0.27  | 0.23  | 0.39  | 0.20  | 0.37  | 0.46  | 0.59  | 0.36  | 0.51  | 0.55  | 0.54  | 0.46  | 0.48  | 0.40  | 0.23  | 0.34  | 0.35  | 0.50  | 0.49  | 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  | -4.89 | -0.22 | -0.30 | 0.00  | -0.49 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| CENTRL | 14.06 | 12.55 | 13.17 | 12.62 | 12.10 | 16.26 | 31.13 | 26.66 | 27.34 | 31.41 | 38.04 | 34.31 | 35.30 | 33.13 | 33.10 | 31.19 | 34.20 | 30.23 | 30.16 | 32.68 | 32.42 | 30.95 | 27.87 | 24.06 |
| 61754  | -0.29 | -0.18 | -0.18 | -0.15 | -0.16 | -0.26 | -0.59 | -0.40 | -0.49 | -0.57 | -0.66 | -0.55 | -0.65 | -0.66 | -0.68 | -0.64 | -0.68 | -0.58 | -0.53 | -0.57 | -0.56 | -0.60 | -0.61 | -0.56 |
|        | 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  | -0.50 | -0.02 | -0.03 | 0.00  | -0.05 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| DUNWOD | 15.08 | 13.29 | 13.86 | 13.24 | 12.69 | 17.26 | 33.24 | 28.82 | 29.85 | 34.29 | 41.39 | 37.39 | 38.59 | 39.51 | 36.39 | 34.45 | 37.49 | 33.52 | 33.12 | 35.82 | 35.32 | 33.59 | 30.24 | 26.08 |
| 61760  | 0.73  | 0.57  | 0.51  | 0.47  | 0.44  | 0.74  | 1.52  | 1.75  | 2.03  | 2.30  | 2.69  | 2.53  | 2.64  | 2.44  | 2.45  | 2.42  | 2.61  | 2.38  | 2.43  | 2.56  | 2.35  | 2.03  | 1.77  | 1.45  |
|        | 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  | -3.78 | -0.17 | -0.23 | 0.00  | -0.38 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| GENESE | 13.91 | 12.49 | 13.23 | 12.70 | 12.21 | 16.37 | 31.19 | 26.24 | 26.76 | 30.77 | 37.34 | 33.57 | 34.44 | 32.24 | 32.26 | 30.37 | 33.30 | 29.35 | 29.20 | 31.68 | 31.54 | 30.23 | 27.23 | 23.53 |
| 61753  | -0.44 | -0.24 | -0.12 | -0.07 | -0.05 | -0.14 | -0.52 | -0.82 | -1.07 | -1.22 | -1.37 | -1.29 | -1.51 | -1.51 | -1.53 | -1.47 | -1.58 | -1.45 | -1.49 | -1.58 | -1.43 | -1.32 | -1.25 | -1.09 |
|        | 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  | -0.46 | -0.02 | -0.03 | 0.00  | -0.05 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| H Q    | 14.13 | 12.51 | 13.14 | 12.57 | 12.09 | 16.29 | 31.26 | 26.43 | 27.12 | 31.19 | 37.75 | 33.94 | 35.04 | 32.47 | 33.00 | 31.06 | 34.09 | 30.01 | 29.97 | 32.51 | 32.25 | 30.85 | 27.93 | 24.14 |
| 61844  | -0.22 | -0.21 | -0.21 | -0.20 | -0.17 | -0.23 | -0.46 | -0.63 | -0.70 | -0.80 | -0.95 | -0.92 | -0.92 | -0.79 | -0.77 | -0.74 | -0.79 | -0.74 | -0.72 | -0.75 | -0.72 | -0.71 | -0.55 | -0.48 |
|        | 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  | 0.03  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |
| HUD VL | 14.87 | 13.13 | 13.71 | 13.11 | 12.55 | 17.02 | 32.76 | 28.34 | 29.29 | 33.65 | 40.61 | 36.66 | 37.80 | 38.76 | 35.63 | 33.69 | 36.64 | 32.75 | 32.36 | 35.04 | 34.62 | 33.03 | 29.75 | 25.65 |
| 61758  | 0.52  | 0.41  | 0.36  | 0.33  | 0.30  | 0.50  | 1.05  | 1.27  | 1.47  | 1.66  | 1.90  | 1.80  | 1.84  | 1.70  | 1.69  | 1.66  | 1.76  | 1.61  | 1.68  | 1.79  | 1.64  | 1.48  | 1.27  | 1.03  |
|        | 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  | -3.77 | -0.17 | -0.23 | 0.00  | -0.38 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |

|                 |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                        |                         |                         |                         |                        |                         |                        |                        |                        |                        |                        |                        |
|-----------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| LONGIL<br>61762 | 15.29<br>0.94<br>0.00  | 14.01<br>0.83<br>-0.46 | 14.14<br>0.79<br>0.00  | 13.52<br>0.75<br>0.00  | 12.98<br>0.73<br>0.00  | 18.56<br>1.18<br>-0.87 | 33.80<br>2.08<br>0.00  | 29.06<br>2.00<br>0.00  | 30.16<br>2.33<br>0.00  | 34.61<br>2.63<br>0.00  | 41.84<br>3.14<br>0.00  | 37.79<br>2.93<br>0.00  | 39.02<br>3.06<br>0.00  | 39.89<br>2.81<br>-3.79  | 36.75<br>2.82<br>-0.17  | 34.83<br>2.79<br>-0.23  | 37.97<br>3.08<br>0.00  | 34.04<br>2.91<br>-0.38  | 33.65<br>2.97<br>0.00  | 36.42<br>3.17<br>0.00  | 36.06<br>2.95<br>-0.13 | 34.29<br>2.54<br>-0.20 | 33.10<br>2.21<br>-2.41 | 28.26<br>1.95<br>-1.69 |
| MHK VL<br>61756 | 14.17<br>-0.18<br>0.00 | 12.56<br>-0.17<br>0.00 | 13.20<br>-0.15<br>0.00 | 12.62<br>-0.15<br>0.00 | 12.11<br>-0.14<br>0.00 | 16.29<br>-0.23<br>0.00 | 31.26<br>-0.45<br>0.00 | 26.70<br>-0.36<br>0.00 | 27.50<br>-0.33<br>0.00 | 31.59<br>-0.39<br>0.00 | 38.21<br>-0.50<br>0.00 | 34.37<br>-0.49<br>0.00 | 35.45<br>-0.50<br>0.00 | 32.95<br>-0.46<br>-0.12 | 33.28<br>-0.49<br>0.00  | 31.36<br>-0.46<br>-0.01 | 34.38<br>-0.51<br>0.00 | 30.35<br>-0.42<br>-0.01 | 30.26<br>-0.43<br>0.00 | 32.81<br>-0.45<br>0.00 | 32.54<br>-0.44<br>0.00 | 31.23<br>-0.32<br>0.00 | 28.21<br>-0.26<br>0.00 | 24.36<br>-0.27<br>0.00 |
| MILLWD<br>61759 | 14.94<br>0.59<br>0.00  | 13.17<br>0.44<br>0.00  | 13.73<br>0.38<br>0.00  | 13.13<br>0.35<br>0.00  | 12.58<br>0.32<br>0.00  | 17.09<br>0.58<br>0.00  | 32.91<br>1.20<br>0.00  | 28.53<br>1.47<br>0.00  | 29.53<br>1.71<br>0.00  | 33.93<br>1.94<br>0.00  | 40.94<br>2.24<br>0.00  | 36.99<br>2.12<br>0.00  | 38.16<br>2.21<br>0.00  | 39.07<br>2.04<br>-3.74  | 35.98<br>2.04<br>-0.17  | 34.06<br>2.02<br>-0.23  | 37.04<br>2.16<br>0.00  | 33.12<br>1.99<br>-0.38  | 32.73<br>2.05<br>0.00  | 35.40<br>2.15<br>0.00  | 34.93<br>1.95<br>0.00  | 33.23<br>1.67<br>0.00  | 29.92<br>1.44<br>0.00  | 25.80<br>1.18<br>0.00  |
| N.Y.C.<br>61761 | 15.28<br>0.93<br>0.00  | 13.45<br>0.72<br>0.00  | 14.00<br>0.65<br>0.00  | 13.38<br>0.60<br>0.00  | 12.82<br>0.56<br>0.00  | 17.46<br>0.94<br>0.00  | 33.64<br>1.93<br>0.00  | 29.21<br>2.15<br>0.00  | 30.32<br>2.49<br>0.00  | 34.82<br>2.84<br>0.00  | 41.99<br>3.28<br>0.00  | 37.91<br>3.05<br>0.00  | 39.17<br>3.22<br>0.00  | 40.05<br>2.97<br>-3.78  | 36.95<br>3.01<br>-0.17  | 36.37<br>2.98<br>-1.58  | 38.19<br>3.23<br>-0.07 | 34.61<br>2.93<br>-0.93  | 33.68<br>2.99<br>0.00  | 36.43<br>3.18<br>0.00  | 35.82<br>2.85<br>0.00  | 34.03<br>2.47<br>0.00  | 30.67<br>2.20<br>0.00  | 26.43<br>1.81<br>0.00  |
| NORTH<br>61755  | 14.03<br>-0.32<br>0.00 | 12.42<br>-0.30<br>0.00 | 13.06<br>-0.29<br>0.00 | 12.49<br>-0.28<br>0.00 | 12.01<br>-0.25<br>0.00 | 16.17<br>-0.34<br>0.00 | 31.07<br>-0.65<br>0.00 | 26.32<br>-0.74<br>0.00 | 27.03<br>-0.80<br>0.00 | 31.06<br>-0.92<br>0.00 | 37.61<br>-1.10<br>0.00 | 33.69<br>-1.17<br>0.00 | 34.77<br>-1.19<br>0.00 | 32.20<br>-1.04<br>0.04  | 32.73<br>-1.03<br>0.00  | 30.81<br>-0.99<br>0.00  | 33.83<br>-1.06<br>0.00 | 29.78<br>-0.96<br>0.00  | 29.73<br>-0.95<br>0.00 | 32.27<br>-0.98<br>0.00 | 32.02<br>-0.96<br>0.00 | 30.61<br>-0.94<br>0.00 | 27.71<br>-0.76<br>0.00 | 23.91<br>-0.71<br>0.00 |
| NPX<br>61845    | 14.46<br>0.11<br>0.00  | 12.80<br>0.07<br>0.00  | 13.45<br>0.10<br>0.00  | 12.85<br>0.08<br>0.00  | 12.33<br>0.07<br>0.00  | 16.56<br>0.05<br>0.00  | 31.77<br>0.05<br>0.00  | 27.12<br>0.05<br>0.00  | 28.03<br>0.21<br>0.00  | 32.26<br>0.28<br>0.00  | 39.02<br>0.31<br>0.00  | 35.06<br>0.20<br>0.00  | 36.25<br>0.30<br>0.00  | 38.09<br>0.31<br>-4.49  | 34.27<br>0.30<br>-0.20  | 32.36<br>0.28<br>-0.27  | 35.15<br>0.27<br>0.00  | 31.45<br>0.24<br>-0.45  | 30.83<br>0.14<br>0.00  | 33.44<br>0.18<br>0.00  | 33.10<br>0.13<br>0.00  | 31.79<br>0.24<br>0.00  | 28.73<br>0.26<br>0.00  | 24.94<br>0.32<br>0.00  |
| O H<br>61846    | 13.95<br>-0.40<br>0.00 | 12.49<br>-0.23<br>0.00 | 13.10<br>-0.25<br>0.00 | 12.60<br>-0.18<br>0.00 | 12.07<br>-0.19<br>0.00 | 16.31<br>-0.21<br>0.00 | 31.30<br>-0.41<br>0.00 | 26.36<br>-0.70<br>0.00 | 26.54<br>-1.28<br>0.00 | 30.47<br>-1.52<br>0.00 | 37.01<br>-1.69<br>0.00 | 33.55<br>-1.31<br>0.00 | 34.31<br>-1.65<br>0.00 | 32.21<br>-1.67<br>-0.58 | 32.14<br>-1.65<br>-0.03 | 30.24<br>-1.60<br>-0.04 | 33.23<br>-1.66<br>0.00 | 29.27<br>-1.54<br>-0.06 | 29.26<br>-1.42<br>0.00 | 31.65<br>-1.60<br>0.00 | 31.46<br>-1.52<br>0.00 | 30.00<br>-1.55<br>0.00 | 27.07<br>-1.41<br>0.00 | 23.40<br>-1.23<br>0.00 |
| PJM<br>61847    | 13.71<br>-0.64<br>0.00 | 12.17<br>-0.56<br>0.00 | 12.71<br>-0.64<br>0.00 | 12.19<br>-0.59<br>0.00 | 11.68<br>-0.58<br>0.00 | 15.80<br>-0.71<br>0.00 | 30.48<br>-1.23<br>0.00 | 26.19<br>-0.87<br>0.00 | 26.76<br>-1.06<br>0.00 | 30.73<br>-1.26<br>0.00 | 37.16<br>-1.55<br>0.00 | 33.59<br>-1.27<br>0.00 | 34.54<br>-1.42<br>0.00 | 32.72<br>-1.36<br>-0.78 | 32.42<br>-1.38<br>-0.04 | 30.54<br>-1.32<br>-0.05 | 33.48<br>-1.40<br>0.00 | 29.64<br>-1.20<br>-0.08 | 29.62<br>-1.06<br>0.00 | 32.04<br>-1.21<br>0.00 | 31.75<br>-1.22<br>0.00 | 30.25<br>-1.30<br>0.00 | 27.23<br>-1.24<br>0.00 | 23.42<br>-1.20<br>0.00 |
| WEST            | 13.91                  | 12.46                  | 13.08                  | 12.59                  | 12.06                  | 16.30                  | 31.28                  | 26.34                  | 26.51                  | 30.47                  | 37.02                  | 33.58                  | 34.28                  | 32.13                   | 32.07                   | 30.16                   | 33.15                  | 29.21                   | 29.22                  | 31.63                  | 31.46                  | 29.99                  | 27.04                  | 23.32                  |

|       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 61752 | -0.44 | -0.26 | -0.27 | -0.18 | -0.19 | -0.22 | -0.43 | -0.72 | -1.31 | -1.52 | -1.69 | -1.29 | -1.68 | -1.74 | -1.73 | -1.68 | -1.74 | -1.61 | -1.47 | -1.63 | -1.52 | -1.56 | -1.43 | -1.30 |
|       | 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  | -0.58 | -0.03 | -0.04 | 0.00  | -0.06 | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  |