

# Day Ahead Market Zonal LBMP

| Zonal Data      |      | --- LBMP \$            |                        |                        |                        |                        |                        |                        |                        |                        |                        | --- Marginal Cost of Losses |                        |                        |                        |                        |                        |                        |                         |                         |                         | --- Marginal Cost of Congestion |                        |                        |                        |  |  |  |  |  |  | 01/27/2002 |  |
|-----------------|------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|---------------------------------|------------------------|------------------------|------------------------|--|--|--|--|--|--|------------|--|
| Name            | PTID | 00:00<br>EST           | 01:00<br>EST           | 02:00<br>EST           | 03:00<br>EST           | 04:00<br>EST           | 05:00<br>EST           | 06:00<br>EST           | 07:00<br>EST           | 08:00<br>EST           | 09:00<br>EST           | 10:00<br>EST                | 11:00<br>EST           | 12:00<br>EST           | 13:00<br>EST           | 14:00<br>EST           | 15:00<br>EST           | 16:00<br>EST           | 17:00<br>EST            | 18:00<br>EST            | 19:00<br>EST            | 20:00<br>EST                    | 21:00<br>EST           | 22:00<br>EST           | 23:00<br>EST           |  |  |  |  |  |  |            |  |
| CAPITL<br>61757 |      | 19.65<br>0.66<br>0.00  | 17.66<br>0.51<br>0.00  | 16.29<br>0.45<br>0.00  | 16.22<br>0.46<br>0.00  | 16.23<br>0.46<br>0.00  | 17.51<br>0.59<br>0.00  | 18.84<br>0.83<br>0.00  | 20.46<br>1.04<br>0.00  | 21.71<br>1.07<br>0.00  | 21.99<br>1.20<br>0.00  | 21.94<br>1.13<br>0.00       | 22.00<br>1.17<br>0.00  | 21.98<br>1.15<br>0.00  | 21.87<br>1.13<br>0.00  | 21.61<br>1.08<br>0.00  | 21.93<br>1.14<br>0.00  | 23.95<br>1.48<br>0.00  | 27.19<br>1.79<br>0.00   | 28.24<br>1.83<br>0.00   | 26.11<br>1.69<br>0.00   | 25.14<br>1.61<br>0.00           | 23.18<br>1.45<br>0.00  | 20.65<br>1.04<br>0.00  | 19.85<br>0.62<br>0.00  |  |  |  |  |  |  |            |  |
| CENTRL<br>61754 |      | 18.36<br>-0.63<br>0.00 | 16.68<br>-0.47<br>0.00 | 15.49<br>-0.35<br>0.00 | 15.47<br>-0.29<br>0.00 | 15.49<br>-0.28<br>0.00 | 16.46<br>-0.46<br>0.00 | 17.48<br>-0.53<br>0.00 | 18.76<br>-0.66<br>0.00 | 20.05<br>-0.59<br>0.00 | 20.16<br>-0.63<br>0.00 | 20.18<br>-0.63<br>0.00      | 20.16<br>-0.67<br>0.00 | 20.21<br>-0.62<br>0.00 | 20.07<br>-0.67<br>0.00 | 19.89<br>-0.64<br>0.00 | 20.11<br>-0.68<br>0.00 | 21.79<br>-0.68<br>0.00 | 24.54<br>-0.89<br>-0.03 | 25.60<br>-0.82<br>-0.01 | 23.64<br>-0.82<br>-0.04 | 22.83<br>-0.70<br>0.00          | 21.07<br>-0.66<br>0.00 | 18.92<br>-0.69<br>0.00 | 18.70<br>-0.53<br>0.00 |  |  |  |  |  |  |            |  |
| DUNWOD<br>61760 |      | 20.05<br>1.06<br>0.00  | 18.02<br>0.87<br>0.00  | 16.60<br>0.76<br>0.00  | 16.55<br>0.79<br>0.00  | 16.54<br>0.77<br>0.00  | 17.78<br>0.86<br>0.00  | 19.07<br>1.06<br>0.00  | 20.72<br>1.30<br>0.00  | 22.15<br>1.51<br>0.00  | 22.49<br>1.70<br>0.00  | 22.56<br>1.75<br>0.00       | 22.66<br>1.83<br>0.00  | 22.62<br>1.79<br>0.00  | 22.52<br>1.78<br>0.00  | 22.25<br>1.72<br>0.00  | 22.64<br>1.85<br>0.00  | 24.51<br>2.04<br>0.00  | 29.37<br>2.46<br>-1.51  | 29.24<br>2.53<br>-0.30  | 29.47<br>2.37<br>-2.68  | 25.81<br>2.28<br>0.00           | 23.75<br>2.02<br>0.00  | 21.12<br>1.51<br>0.00  | 20.38<br>1.15<br>0.00  |  |  |  |  |  |  |            |  |
| GENESE<br>61753 |      | 18.07<br>-0.92<br>0.00 | 16.51<br>-0.64<br>0.00 | 15.30<br>-0.54<br>0.00 | 15.23<br>-0.53<br>0.00 | 15.24<br>-0.53<br>0.00 | 16.28<br>-0.64<br>0.00 | 17.19<br>-0.82<br>0.00 | 18.44<br>-0.98<br>0.00 | 19.49<br>-1.15<br>0.00 | 19.68<br>-1.11<br>0.00 | 19.67<br>-1.14<br>0.00      | 19.71<br>-1.12<br>0.00 | 19.71<br>-1.12<br>0.00 | 19.62<br>-1.12<br>0.00 | 19.37<br>-1.16<br>0.00 | 19.64<br>-1.15<br>0.00 | 21.04<br>-1.43<br>0.00 | 23.46<br>-1.98<br>-0.04 | 24.36<br>-2.06<br>-0.01 | 22.75<br>-1.74<br>-0.07 | 22.03<br>-1.50<br>0.00          | 20.57<br>-1.16<br>0.00 | 18.54<br>-1.07<br>0.00 | 18.60<br>-0.63<br>0.00 |  |  |  |  |  |  |            |  |
| H Q<br>61844    |      | 18.95<br>-0.04<br>0.00 | 17.13<br>-0.02<br>0.00 | 15.82<br>-0.02<br>0.00 | 15.71<br>-0.05<br>0.00 | 15.72<br>-0.05<br>0.00 | 16.87<br>-0.05<br>0.00 | 17.92<br>-0.09<br>0.00 | 19.28<br>-0.14<br>0.00 | 20.39<br>-0.25<br>0.00 | 20.50<br>-0.29<br>0.00 | 20.50<br>-0.31<br>0.00      | 20.50<br>-0.33<br>0.00 | 20.50<br>-0.33<br>0.00 | 20.45<br>-0.29<br>0.00 | 20.24<br>-0.29<br>0.00 | 20.48<br>-0.31<br>0.00 | 22.07<br>-0.40<br>0.00 | 24.94<br>-0.46<br>0.00  | 25.93<br>-0.48<br>0.00  | 23.98<br>-0.44<br>0.00  | 23.06<br>-0.47<br>0.00          | 21.32<br>-0.41<br>0.00 | 19.45<br>-0.16<br>0.00 | 19.11<br>-0.12<br>0.00 |  |  |  |  |  |  |            |  |
| HUD VL<br>61758 |      | 19.92<br>0.93<br>0.00  | 17.90<br>0.75<br>0.00  | 16.48<br>0.64<br>0.00  | 16.45<br>0.69<br>0.00  | 16.45<br>0.68<br>0.00  | 17.67<br>0.75<br>0.00  | 18.93<br>0.92<br>0.00  | 20.49<br>1.07<br>0.00  | 21.86<br>1.22<br>0.00  | 22.22<br>1.43<br>0.00  | 22.30<br>1.49<br>0.00       | 22.38<br>1.55<br>0.00  | 22.35<br>1.52<br>0.00  | 22.25<br>1.51<br>0.00  | 21.98<br>1.45<br>0.00  | 22.34<br>1.55<br>0.00  | 24.19<br>1.72<br>0.00  | 28.85<br>2.11<br>-1.34  | 28.85<br>2.17<br>-0.27  | 28.84<br>2.04<br>-2.38  | 25.47<br>1.94<br>0.00           | 23.46<br>1.73<br>0.00  | 20.92<br>1.31<br>0.00  | 20.30<br>1.07<br>0.00  |  |  |  |  |  |  |            |  |
| LONGIL<br>61762 |      | 25.82<br>1.44<br>-5.39 | 25.60<br>1.21<br>-7.24 | 24.78<br>1.10<br>-7.84 | 25.28<br>1.14<br>-8.38 | 24.98<br>1.13<br>-8.08 | 25.10<br>1.24<br>-6.94 | 25.13<br>1.47<br>-5.65 | 26.85<br>1.69<br>-5.74 | 27.13<br>1.92<br>-4.57 | 27.95<br>2.11<br>-5.05 | 29.89<br>2.20<br>-6.88      | 31.19<br>2.33<br>-8.03 | 30.16<br>2.28<br>-7.05 | 28.24<br>2.22<br>-5.28 | 28.56<br>2.15<br>-5.88 | 29.22<br>2.28<br>-6.15 | 32.22<br>2.54<br>-7.21 | 39.82<br>3.02<br>-11.40 | 39.84<br>3.11<br>-10.32 | 39.87<br>2.90<br>-12.55 | 32.62<br>2.79<br>-6.30          | 27.69<br>2.47<br>-3.49 | 26.62<br>1.90<br>-5.11 | 25.40<br>1.55<br>-4.62 |  |  |  |  |  |  |            |  |
| MHK VL<br>61756 |      | 19.12<br>0.13<br>0.00  | 17.27<br>0.12<br>0.00  | 15.96<br>0.12<br>0.00  | 15.88<br>0.12<br>0.00  | 15.89<br>0.12<br>0.00  | 17.03<br>0.11<br>0.00  | 18.21<br>0.20<br>0.00  | 19.65<br>0.23<br>0.00  | 21.00<br>0.36<br>0.00  | 20.99<br>0.20<br>0.00  | 21.01<br>0.20<br>0.00       | 21.02<br>0.19<br>0.00  | 21.02<br>0.19<br>0.00  | 20.91<br>0.17<br>0.00  | 20.70<br>0.17<br>0.00  | 20.96<br>0.17<br>0.00  | 22.69<br>0.22<br>0.00  | 25.73<br>0.32<br>-0.01  | 26.77<br>0.36<br>0.00   | 24.76<br>0.32<br>-0.02  | 23.81<br>0.28<br>0.00           | 21.78<br>0.05<br>0.00  | 19.61<br>0.00<br>0.00  | 19.39<br>0.16<br>0.00  |  |  |  |  |  |  |            |  |
| MILLWD<br>61759 |      | 19.83<br>0.84<br>0.00  | 17.80<br>0.65<br>0.00  | 16.39<br>0.55<br>0.00  | 16.35<br>0.59<br>0.00  | 16.35<br>0.58<br>0.00  | 17.58<br>0.66<br>0.00  | 18.84<br>0.83<br>0.00  | 20.46<br>1.04<br>0.00  | 21.86<br>1.22<br>0.00  | 22.20<br>1.41<br>0.00  | 22.29<br>1.48<br>0.00       | 22.38<br>1.55<br>0.00  | 22.35<br>1.52<br>0.00  | 22.25<br>1.51<br>0.00  | 21.99<br>1.46<br>0.00  | 22.35<br>1.56<br>0.00  | 24.21<br>1.74<br>0.00  | 29.00<br>2.12<br>-1.48  | 28.89<br>2.18<br>-0.30  | 29.09<br>2.04<br>-2.63  | 25.49<br>1.96<br>0.00           | 23.47<br>1.74<br>0.00  | 20.86<br>1.25<br>0.00  | 20.14<br>0.91<br>0.00  |  |  |  |  |  |  |            |  |
| N.Y.C.<br>61761 |      | 20.25<br>1.26<br>0.00  | 18.17<br>1.02<br>0.00  | 16.71<br>0.87<br>0.00  | 16.67<br>0.91<br>0.00  | 16.66<br>0.89<br>0.00  | 17.90<br>0.98<br>0.00  | 19.19<br>1.18<br>0.00  | 20.87<br>1.45<br>0.00  | 22.29<br>1.65<br>0.00  | 22.65<br>1.86<br>0.00  | 22.75<br>1.94<br>0.00       | 22.89<br>2.06<br>0.00  | 22.84<br>2.01<br>0.00  | 22.75<br>2.01<br>0.00  | 22.47<br>1.94<br>0.00  | 22.86<br>2.07<br>0.00  | 24.77<br>2.30<br>0.00  | 31.24<br>2.74<br>-3.10  | 29.53<br>2.81<br>-0.31  | 29.74<br>2.64<br>-2.68  | 26.08<br>2.55<br>0.00           | 23.99<br>2.26<br>0.00  | 21.32<br>1.71<br>0.00  | 20.55<br>1.32<br>0.00  |  |  |  |  |  |  |            |  |
| NORTH<br>61755  |      | 19.10<br>0.11<br>0.00  | 17.25<br>0.10<br>0.00  | 15.94<br>0.10<br>0.00  | 15.82<br>0.06<br>0.00  | 15.83<br>0.06<br>0.00  | 16.99<br>0.07<br>0.00  | 18.07<br>0.06<br>0.00  | 19.45<br>0.03<br>0.00  | 20.37<br>-0.27<br>0.00 | 20.44<br>-0.35<br>0.00 | 20.46<br>-0.35<br>0.00      | 20.46<br>-0.37<br>0.00 | 20.46<br>-0.37<br>0.00 | 20.39<br>-0.35<br>0.00 | 20.20<br>-0.33<br>0.00 | 20.42<br>-0.37<br>0.00 | 22.01<br>-0.46<br>0.00 | 24.88<br>-0.52<br>0.00  | 25.85<br>-0.56<br>0.00  | 23.92<br>-0.50<br>0.00  | 22.97<br>-0.56<br>0.00          | 21.22<br>-0.51<br>0.00 | 19.55<br>-0.06<br>0.00 | 19.25<br>0.02<br>0.00  |  |  |  |  |  |  |            |  |
| NPX<br>61845    |      | 19.71<br>0.72<br>0.00  | 17.70<br>0.55<br>0.00  | 16.32<br>0.48<br>0.00  | 16.25<br>0.49<br>0.00  | 16.26<br>0.49<br>0.00  | 17.50<br>0.58<br>0.00  | 18.78<br>0.77<br>0.00  | 20.41<br>0.99<br>0.00  | 21.73<br>1.09<br>0.00  | 22.02<br>1.23<br>0.00  | 22.04<br>1.23<br>0.00       | 22.12<br>1.29<br>0.00  | 22.10<br>1.27<br>0.00  | 21.98<br>1.24<br>0.00  | 21.74<br>1.21<br>0.00  | 22.06<br>1.27<br>0.00  | 23.95<br>1.48<br>0.00  | 27.64<br>1.78<br>-0.46  | 28.32<br>1.82<br>-0.09  | 26.95<br>1.71<br>-0.82  | 25.15<br>1.62<br>0.00           | 23.19<br>1.46<br>0.00  | 20.69<br>1.08<br>0.00  | 19.98<br>0.75<br>0.00  |  |  |  |  |  |  |            |  |

|               |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| OH<br>61846   | 17.66 | 16.19 | 15.05 | 15.00 | 15.00 | 16.01 | 16.71 | 17.85 | 18.68 | 18.84 | 18.73 | 18.77 | 18.77 | 18.69 | 18.42 | 18.71 | 20.04 | 22.10 | 22.99 | 21.55 | 20.82 | 19.69 | 17.85 | 18.46 |
|               | -1.33 | -0.96 | -0.79 | -0.76 | -0.77 | -0.91 | -1.30 | -1.57 | -1.96 | -1.95 | -2.08 | -2.06 | -2.06 | -2.05 | -2.11 | -2.08 | -2.43 | -3.35 | -3.43 | -2.95 | -2.71 | -2.04 | -1.76 | -0.77 |
|               | 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  | -0.05 | -0.01 | -0.08 | 0.00  | 0.00  | 0.00  | 0.00  |
| PJM<br>61847  | 17.40 | 16.00 | 15.00 | 15.00 | 15.00 | 15.85 | 17.11 | 18.00 | 19.34 | 19.48 | 19.08 | 19.10 | 19.02 | 18.94 | 18.66 | 18.94 | 20.00 | 22.99 | 23.90 | 22.35 | 21.41 | 20.03 | 18.00 | 18.00 |
|               | -1.59 | -1.15 | -0.84 | -0.76 | -0.77 | -1.07 | -0.90 | -1.42 | -1.30 | -1.31 | -1.73 | -1.73 | -1.81 | -1.80 | -1.87 | -1.85 | -2.16 | -2.49 | -2.53 | -2.20 | -2.12 | -1.70 | -1.61 | -1.23 |
|               | 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  | 0.31  | -0.08 | -0.02 | -0.13 | 0.00  | 0.00  | 0.00  | 0.00  |
| WEST<br>61752 | 17.73 | 16.29 | 15.17 | 15.11 | 15.12 | 16.10 | 16.91 | 18.01 | 18.95 | 19.12 | 18.96 | 18.98 | 18.96 | 18.90 | 18.58 | 18.92 | 20.21 | 22.31 | 23.23 | 21.83 | 21.04 | 19.88 | 17.98 | 18.51 |
|               | -1.26 | -0.86 | -0.67 | -0.65 | -0.65 | -0.82 | -1.10 | -1.41 | -1.69 | -1.67 | -1.85 | -1.85 | -1.87 | -1.84 | -1.95 | -1.87 | -2.26 | -3.14 | -3.19 | -2.68 | -2.49 | -1.85 | -1.63 | -0.72 |
|               | 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  | -0.05 | -0.01 | -0.09 | 0.00  | 0.00  | 0.00  | 0.00  |