

Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

09/25/2016

| 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 | 12.63 | 9.40 | 4.91 | 0.84 | 1.10 | 7.48 | 13.22 | 9.15 | 11.78 | 12.34 | 10.50 | 6.38 | 8.99 | 9.10 | 11.20 | 11.34 | 13.01 | 13.18 | 14.12 | 20.29 | 14.31 | 13.29 | 11.87 | 5.46 |
| 61757 | 0.91 | 0.69 | 0.36 | 0.06 | 0.08 | 0.34 | 0.18 | 0.65 | 0.89 | 0.95 | 0.73 | 0.44 | 0.64 | 0.63 | 0.79 | 0.84 | 0.92 | 0.96 | 1.05 | 1.46 | 1.06 | 0.94 | 0.82 | 0.35 |
| | -0.36 | 0.00 | 0.00 | -0.06 | 0.00 | -2.83 | -10.81 | -0.68 | -0.66 | 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 |
| CENTRL | 11.53 | 8.81 | 4.59 | 0.73 | 1.03 | 4.62 | 3.27 | 7.99 | 10.46 | 11.59 | 9.94 | 6.05 | 8.52 | 8.64 | 10.62 | 10.69 | 12.33 | 12.46 | 13.29 | 19.12 | 13.46 | 12.53 | 11.17 | 5.18 |
| 61754 | 0.14 | 0.10 | 0.04 | 0.00 | 0.01 | 0.04 | 0.02 | 0.11 | 0.16 | 0.20 | 0.17 | 0.12 | 0.15 | 0.17 | 0.21 | 0.19 | 0.24 | 0.24 | 0.22 | 0.30 | 0.20 | 0.18 | 0.12 | 0.07 |
| | -0.04 | 0.00 | 0.00 | -0.01 | 0.00 | -0.27 | -1.02 | -0.06 | -0.06 | 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 |
| DUNWOD | 12.55 | 9.38 | 4.90 | 0.82 | 1.09 | 6.74 | 10.46 | 8.95 | 11.60 | 12.43 | 10.68 | 6.52 | 9.19 | 9.34 | 11.48 | 11.59 | 13.26 | 13.38 | 14.27 | 20.54 | 14.43 | 13.49 | 12.05 | 5.54 |
| 61760 | 0.92 | 0.67 | 0.35 | 0.06 | 0.08 | 0.32 | 0.17 | 0.62 | 0.88 | 1.03 | 0.91 | 0.59 | 0.83 | 0.87 | 1.08 | 1.09 | 1.18 | 1.15 | 1.20 | 1.72 | 1.17 | 1.14 | 1.01 | 0.43 |
| | -0.27 | 0.00 | 0.00 | -0.04 | 0.00 | -2.11 | -8.07 | -0.51 | -0.49 | 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 |
| GENESE | 11.32 | 8.64 | 4.47 | 0.70 | 1.02 | 4.52 | 3.21 | 7.84 | 10.27 | 11.36 | 9.70 | 5.93 | 8.31 | 8.42 | 10.36 | 10.39 | 12.01 | 12.19 | 12.97 | 18.69 | 13.22 | 12.28 | 10.94 | 5.11 |
| 61753 | -0.06 | -0.07 | -0.08 | -0.03 | 0.00 | -0.05 | -0.01 | -0.04 | -0.02 | -0.03 | -0.06 | -0.01 | -0.05 | -0.05 | -0.04 | -0.11 | -0.07 | -0.04 | -0.09 | -0.13 | -0.03 | -0.07 | -0.11 | 0.01 |
| | -0.03 | 0.00 | 0.00 | 0.00 | 0.00 | -0.26 | -0.99 | -0.06 | -0.06 | 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 |
| H Q | 11.02 | 8.48 | 4.42 | 0.71 | 0.99 | 4.15 | 1.97 | 7.57 | 9.91 | 11.03 | 9.48 | 5.74 | 8.07 | 8.17 | 10.04 | 10.13 | 11.67 | 11.81 | 12.63 | 18.24 | 12.84 | 11.97 | 10.72 | 4.97 |
| 61844 | -0.32 | -0.23 | -0.13 | -0.02 | -0.03 | -0.11 | -0.06 | -0.24 | -0.32 | -0.36 | -0.29 | -0.20 | -0.29 | -0.30 | -0.37 | -0.38 | -0.42 | -0.42 | -0.43 | -0.59 | -0.41 | -0.38 | -0.32 | -0.14 |
| | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.05 | 0.19 | 0.01 | 0.01 | 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 |
| HUD VL | 12.53 | 9.36 | 4.89 | 0.82 | 1.09 | 6.73 | 10.44 | 8.94 | 11.59 | 12.41 | 10.66 | 6.50 | 9.16 | 9.31 | 11.44 | 11.56 | 13.24 | 13.36 | 14.26 | 20.55 | 14.43 | 13.47 | 12.02 | 5.52 |
| 61758 | 0.90 | 0.65 | 0.34 | 0.05 | 0.07 | 0.31 | 0.17 | 0.61 | 0.86 | 1.02 | 0.89 | 0.57 | 0.80 | 0.84 | 1.04 | 1.05 | 1.15 | 1.13 | 1.20 | 1.73 | 1.18 | 1.13 | 0.97 | 0.41 |
| | -0.27 | 0.00 | 0.00 | -0.04 | 0.00 | -2.11 | -8.05 | -0.51 | -0.49 | 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 |
| LONGIL | 12.74 | 9.50 | 4.97 | 0.83 | 1.11 | 6.82 | 10.51 | 9.11 | 11.81 | 12.71 | 10.94 | 6.71 | 9.42 | 9.61 | 11.80 | 11.91 | 13.64 | 13.81 | 14.80 | 21.28 | 16.78 | 34.66 | 12.34 | 5.66 |
| 61762 | 1.12 | 0.79 | 0.42 | 0.06 | 0.09 | 0.40 | 0.21 | 0.78 | 1.09 | 1.31 | 1.17 | 0.77 | 1.06 | 1.15 | 1.40 | 1.41 | 1.55 | 1.59 | 1.71 | 2.45 | 1.69 | 1.60 | 1.30 | 0.55 |
| | -0.27 | 0.00 | 0.00 | -0.04 | 0.00 | -2.12 | -8.08 | -0.51 | -0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.03 | 0.00 | -1.84 | -20.72 | 0.00 | 0.00 |
| MHK VL | 11.75 | 8.98 | 4.69 | 0.75 | 1.05 | 4.63 | 3.00 | 8.13 | 10.71 | 11.90 | 10.20 | 6.18 | 8.69 | 8.80 | 10.81 | 10.91 | 12.58 | 12.72 | 13.60 | 19.65 | 13.80 | 12.85 | 11.47 | 5.30 |
| 61756 | 0.37 | 0.27 | 0.13 | 0.02 | 0.03 | 0.14 | 0.07 | 0.27 | 0.43 | 0.51 | 0.43 | 0.25 | 0.34 | 0.34 | 0.41 | 0.40 | 0.49 | 0.50 | 0.54 | 0.82 | 0.55 | 0.50 | 0.43 | 0.19 |
| | -0.02 | 0.00 | 0.00 | 0.00 | 0.00 | -0.18 | -0.70 | -0.04 | -0.04 | 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 |
| MILLWD | 12.54 | 9.37 | 4.90 | 0.82 | 1.09 | 6.75 | 10.50 | 8.94 | 11.60 | 12.42 | 10.68 | 6.52 | 9.19 | 9.33 | 11.47 | 11.59 | 13.27 | 13.38 | 14.28 | 20.57 | 14.45 | 13.50 | 12.05 | 5.53 |
| 61759 | 0.92 | 0.66 | 0.35 | 0.05 | 0.08 | 0.31 | 0.17 | 0.61 | 0.87 | 1.03 | 0.91 | 0.58 | 0.83 | 0.87 | 1.07 | 1.08 | 1.18 | 1.16 | 1.22 | 1.75 | 1.20 | 1.15 | 1.01 | 0.43 |
| | -0.27 | 0.00 | 0.00 | -0.04 | 0.00 | -2.13 | -8.11 | -0.51 | -0.49 | 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.Y.C. | 12.62 | 9.44 | 4.93 | 0.83 | 1.10 | 6.77 | 10.48 | 8.99 | 11.67 | 12.50 | 10.74 | 6.57 | 9.25 | 9.41 | 11.56 | 11.67 | 13.34 | 13.45 | 14.32 | 20.62 | 14.53 | 13.59 | 12.14 | 5.58 |
| 61761 | 1.00 | 0.73 | 0.38 | 0.06 | 0.08 | 0.35 | 0.18 | 0.67 | 0.94 | 1.11 | 0.97 | 0.63 | 0.89 | 0.94 | 1.15 | 1.16 | 1.25 | 1.22 | 1.26 | 1.80 | 1.24 | 1.22 | 1.10 | 0.47 |
| | -0.27 | 0.00 | 0.00 | -0.04 | 0.00 | -2.12 | -8.07 | -0.51 | -0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.04 | -0.02 | 0.00 | 0.00 |
| NORTH | 11.12 | 8.50 | 4.43 | 0.71 | 0.99 | 4.16 | 1.85 | 7.55 | 9.97 | 11.12 | 9.56 | 5.73 | 8.05 | 8.14 | 9.98 | 10.05 | 11.60 | 11.77 | 12.65 | 18.30 | 12.88 | 12.01 | 10.80 | 5.02 |
| 61755 | -0.23 | -0.21 | -0.12 | -0.02 | -0.03 | -0.07 | -0.06 | -0.25 | -0.25 | -0.27 | -0.21 | -0.21 | -0.31 | -0.33 | -0.43 | -0.45 | -0.49 | -0.45 | -0.42 | -0.52 | -0.37 | -0.34 | -0.24 | -0.09 |
| | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.32 | 0.02 | 0.02 | 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 | 12.53 | 9.35 | 4.88 | 0.83 | 1.09 | 7.12 | 11.94 | 9.01 | 11.61 | 12.28 | 10.50 | 6.40 | 9.02 | 9.23 | 10.63 | 12.21 | 13.01 | 13.16 | 14.10 | 20.28 | 14.70 | 12.69 | 11.89 | 5.46 |
| 61845 | 0.86 | 0.64 | 0.33 | 0.06 | 0.07 | 0.31 | 0.16 | 0.59 | 0.80 | 0.88 | 0.73 | 0.46 | 0.66 | 0.67 | 0.82 | 0.86 | 0.92 | 0.94 | 1.04 | 1.46 | 1.03 | 0.94 | 0.84 | 0.36 |
| | -0.32 | 0.00 | 0.00 | -0.05 | 0.00 | -2.50 | -9.55 | -0.60 | -0.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.10 | 0.59 | -0.84 | 0.00 | 0.00 | 0.00 | -0.42 | 0.61 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|---------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|
| O H 61846 | 11.27 <i>-0.12</i> <i>-0.04</i> | 8.61 <i>-0.11</i> <i>0.00</i> | 4.45 <i>-0.10</i> <i>0.00</i> | 0.70 <i>-0.03</i> <i>-0.01</i> | 1.01 <i>-0.01</i> <i>0.00</i> | 4.57 <i>-0.07</i> <i>-0.33</i> | 3.46 <i>-0.03</i> <i>-1.26</i> | 7.81 <i>-0.09</i> <i>-0.08</i> | 10.20 <i>-0.11</i> <i>-0.08</i> | 11.25 <i>-0.15</i> <i>0.00</i> | 9.57 <i>-0.19</i> <i>0.00</i> | 5.86 <i>-0.08</i> <i>0.00</i> | 8.20 <i>-0.16</i> <i>0.00</i> | 8.30 <i>-0.17</i> <i>0.00</i> | 10.23 <i>-0.17</i> <i>0.00</i> | 10.23 <i>-0.27</i> <i>0.00</i> | 11.85 <i>-0.24</i> <i>0.00</i> | 11.97 <i>-0.26</i> <i>0.00</i> | 12.71 <i>-0.35</i> <i>0.00</i> | 18.18 <i>-0.64</i> <i>0.00</i> | 12.91 <i>-0.35</i> <i>0.00</i> | 12.05 <i>-0.30</i> <i>0.00</i> | 10.75 <i>-0.29</i> <i>0.00</i> | 5.07 <i>-0.04</i> <i>0.00</i> |
| PJM 61847 | 11.98 <i>0.48</i> <i>-0.15</i> | 9.06 <i>0.35</i> <i>0.00</i> | 4.72 <i>0.17</i> <i>0.00</i> | 0.77 <i>0.02</i> <i>-0.02</i> | 1.06 <i>0.04</i> <i>0.00</i> | 5.61 <i>0.15</i> <i>-1.15</i> | 6.69 <i>0.08</i> <i>-4.38</i> | 8.42 <i>0.33</i> <i>-0.28</i> | 10.96 <i>0.46</i> <i>-0.27</i> | 11.94 <i>0.54</i> <i>0.00</i> | 10.21 <i>0.44</i> <i>0.00</i> | 6.24 <i>0.30</i> <i>0.00</i> | 8.77 <i>0.42</i> <i>0.00</i> | 8.91 <i>0.44</i> <i>0.00</i> | 10.97 <i>0.56</i> <i>0.00</i> | 11.02 <i>0.52</i> <i>0.00</i> | 12.71 <i>0.63</i> <i>0.00</i> | 12.81 <i>0.58</i> <i>0.00</i> | 13.64 <i>0.58</i> <i>0.00</i> | 19.56 <i>0.74</i> <i>0.00</i> | 13.75 <i>0.50</i> <i>0.00</i> | 12.87 <i>0.52</i> <i>0.00</i> | 11.48 <i>0.43</i> <i>0.00</i> | 5.33 <i>0.22</i> <i>0.00</i> |
| WEST 61752 | 11.45 <i>0.05</i> <i>-0.04</i> | 8.73 <i>0.02</i> <i>0.00</i> | 4.51 <i>-0.03</i> <i>0.00</i> | 0.71 <i>-0.02</i> <i>-0.01</i> | 1.03 <i>0.01</i> <i>0.00</i> | 4.62 <i>-0.02</i> <i>-0.32</i> | 3.45 <i>0.00</i> <i>-1.22</i> | 7.92 <i>0.02</i> <i>-0.08</i> | 10.36 <i>0.05</i> <i>-0.07</i> | 11.42 <i>0.03</i> <i>0.00</i> | 9.72 <i>-0.05</i> <i>0.00</i> | 5.96 <i>0.02</i> <i>0.00</i> | 8.33 <i>-0.03</i> <i>0.00</i> | 8.43 <i>-0.04</i> <i>0.00</i> | 10.39 <i>-0.02</i> <i>0.00</i> | 10.38 <i>-0.12</i> <i>0.00</i> | 12.01 <i>-0.07</i> <i>0.00</i> | 12.14 <i>-0.08</i> <i>0.00</i> | 12.88 <i>-0.18</i> <i>0.00</i> | 18.45 <i>-0.37</i> <i>0.00</i> | 13.12 <i>-0.14</i> <i>0.00</i> | 12.24 <i>-0.11</i> <i>0.00</i> | 10.90 <i>-0.14</i> <i>0.00</i> | 5.15 <i>0.05</i> <i>0.00</i> |