

Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Zonal Data

08/07/2017

| 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 | 18.37 | 16.36 | 15.94 | 14.98 | 14.94 | 15.60 | 17.01 | 19.74 | 21.73 | 24.49 | 26.04 | 27.33 | 27.28 | 28.16 | 28.73 | 29.23 | 30.13 | 30.37 | 28.81 | 27.66 | 27.38 | 24.35 | 20.72 | 19.22 |
| 61757 | 0.99 | 0.87 | 0.86 | 0.81 | 0.81 | 0.86 | 1.02 | 1.12 | 1.15 | 1.17 | 1.22 | 1.37 | 1.35 | 1.34 | 1.32 | 1.31 | 1.30 | 1.36 | 1.35 | 1.42 | 1.30 | 1.09 | 0.93 | 0.85 |
| | 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 |
| CENTRL | 17.62 | 15.76 | 15.31 | 14.39 | 14.35 | 15.03 | 16.21 | 18.94 | 21.05 | 23.94 | 25.50 | 26.60 | 26.62 | 27.54 | 28.26 | 28.86 | 29.67 | 29.85 | 28.15 | 26.85 | 26.73 | 23.93 | 20.27 | 18.81 |
| 61754 | 0.24 | 0.26 | 0.23 | 0.21 | 0.21 | 0.28 | 0.22 | 0.32 | 0.47 | 0.61 | 0.67 | 0.62 | 0.62 | 0.64 | 0.77 | 0.78 | 0.84 | 0.84 | 0.69 | 0.60 | 0.65 | 0.67 | 0.47 | 0.44 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.03 | -0.07 | -0.08 | -0.08 | -0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DUNWOD | 19.07 | 17.02 | 16.56 | 15.50 | 15.43 | 16.12 | 17.58 | 20.58 | 22.68 | 25.70 | 27.33 | 28.60 | 28.60 | 29.55 | 30.18 | 30.77 | 31.72 | 31.93 | 30.27 | 28.92 | 28.66 | 25.53 | 21.83 | 20.08 |
| 61760 | 1.69 | 1.52 | 1.48 | 1.33 | 1.30 | 1.37 | 1.60 | 1.95 | 2.10 | 2.38 | 2.51 | 2.65 | 2.67 | 2.74 | 2.77 | 2.85 | 2.88 | 2.93 | 2.80 | 2.68 | 2.58 | 2.28 | 2.04 | 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 |
| GENESE | 17.19 | 15.37 | 14.90 | 14.00 | 13.99 | 14.70 | 15.73 | 18.49 | 20.62 | 23.58 | 25.07 | 26.03 | 26.06 | 26.92 | 27.77 | 28.31 | 29.32 | 29.47 | 27.66 | 26.30 | 26.21 | 23.60 | 19.95 | 18.50 |
| 61753 | -0.19 | -0.12 | -0.18 | -0.17 | -0.14 | -0.04 | -0.26 | -0.13 | 0.04 | 0.26 | 0.25 | 0.08 | 0.13 | 0.11 | 0.36 | 0.39 | 0.49 | 0.46 | 0.19 | 0.05 | 0.13 | 0.35 | 0.16 | 0.13 |
| | 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 |
| H Q | 14.62 | 13.17 | 12.32 | 11.56 | 11.86 | 12.07 | 12.95 | 15.75 | 17.07 | 18.91 | 19.76 | 20.75 | 19.81 | 21.88 | 24.12 | 24.64 | 23.99 | 24.94 | 24.24 | 23.95 | 23.43 | 21.02 | 17.96 | 15.52 |
| 61844 | -0.70 | -0.65 | -0.63 | -0.58 | -0.57 | -0.62 | -0.67 | -0.76 | -0.84 | -0.96 | -1.04 | -1.07 | -1.09 | -1.10 | -1.15 | -1.17 | -1.21 | -1.22 | -1.15 | -1.08 | -1.04 | -0.93 | -0.79 | -0.72 |
| | 2.06 | 1.68 | 2.13 | 2.03 | 1.71 | 2.06 | 2.36 | 2.11 | 2.66 | 3.45 | 4.02 | 4.14 | 5.03 | 3.84 | 2.14 | 2.11 | 3.63 | 2.85 | 2.07 | 1.22 | 1.60 | 1.30 | 1.04 | 2.13 |
| HUD VL | 18.91 | 16.88 | 16.42 | 15.39 | 15.31 | 16.00 | 17.42 | 20.41 | 22.45 | 25.42 | 27.00 | 28.34 | 28.36 | 29.23 | 29.83 | 30.46 | 31.48 | 31.67 | 29.99 | 28.69 | 28.40 | 25.21 | 21.55 | 19.88 |
| 61758 | 1.53 | 1.38 | 1.34 | 1.22 | 1.17 | 1.25 | 1.44 | 1.79 | 1.87 | 2.10 | 2.18 | 2.39 | 2.44 | 2.41 | 2.41 | 2.54 | 2.65 | 2.67 | 2.53 | 2.44 | 2.32 | 1.95 | 1.76 | 1.51 |
| | 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 |
| LONGIL | 21.57 | 17.52 | 16.85 | 15.80 | 15.75 | 16.57 | 20.18 | 22.78 | 24.87 | 27.78 | 27.82 | 29.25 | 29.25 | 30.42 | 31.79 | 32.78 | 35.01 | 34.89 | 32.57 | 29.69 | 29.55 | 26.09 | 28.95 | 20.57 |
| 61762 | 2.36 | 2.01 | 1.76 | 1.62 | 1.61 | 1.81 | 2.22 | 2.57 | 2.86 | 3.24 | 3.00 | 3.30 | 3.32 | 3.59 | 3.78 | 3.88 | 3.92 | 3.97 | 3.87 | 3.44 | 3.47 | 2.84 | 2.69 | 2.19 |
| | -1.83 | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | -1.97 | -1.59 | -1.43 | -1.22 | 0.00 | -0.01 | 0.00 | -0.01 | -0.59 | -0.98 | -2.25 | -1.91 | -1.23 | -0.01 | -0.01 | 0.00 | -6.46 | -0.01 |
| MHK VL | 17.62 | 15.70 | 15.25 | 14.34 | 14.32 | 14.95 | 16.21 | 19.03 | 21.13 | 24.00 | 25.56 | 26.65 | 26.60 | 27.51 | 28.12 | 28.62 | 29.55 | 29.73 | 28.13 | 26.87 | 26.78 | 23.86 | 20.25 | 18.74 |
| 61756 | 0.24 | 0.20 | 0.17 | 0.17 | 0.18 | 0.21 | 0.22 | 0.41 | 0.56 | 0.68 | 0.74 | 0.70 | 0.67 | 0.70 | 0.71 | 0.70 | 0.72 | 0.73 | 0.66 | 0.63 | 0.70 | 0.60 | 0.46 | 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 |
| MILLWD | 19.03 | 16.97 | 16.53 | 15.49 | 15.41 | 16.09 | 17.52 | 20.50 | 22.59 | 25.61 | 27.25 | 28.55 | 28.55 | 29.47 | 30.10 | 30.71 | 31.69 | 31.91 | 30.21 | 28.87 | 28.64 | 25.44 | 21.73 | 20.01 |
| 61759 | 1.65 | 1.47 | 1.45 | 1.32 | 1.27 | 1.34 | 1.53 | 1.88 | 2.02 | 2.29 | 2.43 | 2.59 | 2.62 | 2.66 | 2.69 | 2.79 | 2.86 | 2.90 | 2.75 | 2.62 | 2.56 | 2.19 | 1.94 | 1.63 |
| | 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.Y.C. | 19.26 | 17.20 | 16.74 | 15.69 | 15.59 | 16.25 | 17.72 | 20.80 | 22.94 | 26.00 | 27.97 | 28.88 | 28.97 | 29.82 | 30.49 | 31.05 | 31.98 | 32.32 | 30.55 | 29.18 | 28.92 | 26.27 | 24.00 | 20.31 |
| 61761 | 1.88 | 1.70 | 1.66 | 1.52 | 1.46 | 1.50 | 1.74 | 2.18 | 2.37 | 2.68 | 2.80 | 2.93 | 2.95 | 3.00 | 3.07 | 3.13 | 3.14 | 3.16 | 3.08 | 2.94 | 2.84 | 2.56 | 2.31 | 1.93 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.35 | 0.00 | -0.08 | 0.00 | 0.00 | -0.01 | 0.00 | -0.15 | -0.01 | 0.00 | 0.00 | -0.45 | -1.89 | 0.00 |
| NORTH | 16.25 | 14.41 | 14.01 | 13.24 | 13.23 | 13.69 | 14.83 | 17.38 | 19.22 | 21.80 | 23.16 | 24.21 | 24.16 | 25.10 | 25.58 | 26.02 | 26.93 | 27.00 | 25.57 | 24.46 | 24.38 | 21.81 | 18.57 | 17.25 |
| 61755 | -1.13 | -1.09 | -1.07 | -0.94 | -0.90 | -1.06 | -1.15 | -1.25 | -1.36 | -1.52 | -1.66 | -1.74 | -1.76 | -1.72 | -1.84 | -1.90 | -1.90 | -2.00 | -1.89 | -1.79 | -1.69 | -1.44 | -1.23 | -1.12 |
| | 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 |
| NPX | 18.61 | 16.61 | 16.17 | 15.18 | 15.12 | 15.78 | 17.21 | 20.02 | 21.98 | 24.81 | 26.41 | 27.69 | 27.64 | 28.59 | 29.17 | 29.73 | 30.65 | 30.89 | 29.31 | 28.05 | 27.75 | 24.67 | 21.10 | 19.51 |
| 61845 | 1.23 | 1.12 | 1.09 | 1.01 | 0.99 | 1.03 | 1.23 | 1.40 | 1.40 | 1.49 | 1.59 | 1.74 | 1.71 | 1.77 | 1.76 | 1.81 | 1.82 | 1.88 | 1.84 | 1.81 | 1.67 | 1.42 | 1.31 | 1.14 |
| | 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 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| O H 61846 | 16.79 <i>-0.59</i> <i>0.00</i> | 15.12 <i>-0.37</i> <i>0.00</i> | 14.66 <i>-0.42</i> <i>0.00</i> | 13.78 <i>-0.40</i> <i>0.00</i> | 13.72 <i>-0.41</i> <i>0.00</i> | 13.18 <i>-0.28</i> <i>1.29</i> | 14.06 <i>-0.67</i> <i>1.25</i> | 17.77 <i>-0.56</i> <i>0.29</i> | 18.65 <i>-0.41</i> <i>1.51</i> | 20.00 <i>-0.21</i> <i>3.11</i> | 20.52 <i>-0.30</i> <i>4.00</i> | 21.30 <i>-0.62</i> <i>4.03</i> | 20.08 <i>-0.62</i> <i>5.23</i> | 22.00 <i>-0.67</i> <i>4.15</i> | 22.88 <i>-0.44</i> <i>4.09</i> | 23.56 <i>-0.36</i> <i>4.00</i> | 24.95 <i>-0.29</i> <i>3.60</i> | 25.95 <i>-0.32</i> <i>2.74</i> | 25.73 <i>-0.60</i> <i>1.13</i> | 25.36 <i>-0.68</i> <i>0.20</i> | 24.09 <i>-0.57</i> <i>1.41</i> | 22.23 <i>-0.09</i> <i>0.93</i> | 19.40 <i>-0.20</i> <i>0.20</i> | 16.10 <i>-0.22</i> <i>2.05</i> |
| PJM 61847 | 18.06 <i>0.68</i> <i>0.00</i> | 16.21 <i>0.71</i> <i>0.00</i> | 15.73 <i>0.65</i> <i>0.00</i> | 14.75 <i>0.58</i> <i>0.00</i> | 14.67 <i>0.54</i> <i>0.00</i> | 15.38 <i>0.63</i> <i>0.00</i> | 16.58 <i>0.59</i> <i>0.00</i> | 19.44 <i>0.82</i> <i>0.00</i> | 21.56 <i>0.99</i> <i>0.00</i> | 24.54 <i>1.19</i> <i>-0.03</i> | 26.08 <i>1.24</i> <i>-0.02</i> | 27.18 <i>1.19</i> <i>-0.04</i> | 27.27 <i>1.24</i> <i>-0.10</i> | 28.17 <i>1.23</i> <i>-0.12</i> | 28.93 <i>1.40</i> <i>-0.12</i> | 29.63 <i>1.48</i> <i>-0.23</i> | 30.36 <i>1.53</i> <i>0.00</i> | 30.54 <i>1.54</i> <i>0.00</i> | 28.84 <i>1.37</i> <i>0.00</i> | 27.53 <i>1.29</i> <i>0.00</i> | 27.33 <i>1.25</i> <i>0.00</i> | 24.53 <i>1.28</i> <i>0.00</i> | 20.89 <i>1.09</i> <i>0.00</i> | 19.24 <i>0.86</i> <i>0.00</i> |
| WEST 61752 | 17.10 <i>-0.28</i> <i>0.00</i> | 15.39 <i>-0.11</i> <i>0.00</i> | 14.90 <i>-0.18</i> <i>0.00</i> | 14.03 <i>-0.14</i> <i>0.00</i> | 13.99 <i>-0.14</i> <i>0.00</i> | 14.78 <i>0.03</i> <i>0.00</i> | 15.60 <i>-0.38</i> <i>0.00</i> | 18.55 <i>-0.07</i> <i>0.00</i> | 20.78 <i>0.21</i> <i>0.00</i> | 24.20 <i>0.56</i> <i>-0.32</i> | 25.50 <i>0.50</i> <i>-0.18</i> | 26.60 <i>0.18</i> <i>-0.47</i> | 27.30 <i>0.16</i> <i>-1.22</i> | 28.40 <i>0.16</i> <i>-1.42</i> | 29.30 <i>0.44</i> <i>-1.45</i> | 31.24 <i>0.50</i> <i>-2.81</i> | 29.44 <i>0.61</i> <i>0.00</i> | 29.59 <i>0.58</i> <i>0.00</i> | 27.61 <i>0.14</i> <i>0.00</i> | 26.24 <i>0.00</i> <i>0.00</i> | 26.21 <i>0.13</i> <i>0.00</i> | 23.81 <i>0.56</i> <i>0.00</i> | 20.09 <i>0.30</i> <i>0.00</i> | 18.56 <i>0.18</i> <i>0.00</i> |