

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/16/2002

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
CAPITL 61757	47.35 3.59 0.00	47.21 3.57 0.00	46.90 3.85 0.00	49.64 3.96 0.00	46.59 3.70 0.00	44.76 3.19 0.00	48.82 3.47 0.00	72.16 5.57 0.00	84.17 6.71 0.00	78.23 5.85 0.00	72.13 4.93 0.00	53.39 3.81 0.00	83.29 5.79 0.00	72.84 5.13 0.00	50.72 3.30 0.00	50.53 3.40 0.00	57.80 3.57 0.00	47.07 2.45 0.00	67.05 4.19 0.00	49.24 3.08 0.00	53.35 3.77 0.00	54.92 3.90 0.00	46.54 3.25 0.00	45.27 3.13 0.00
CENTRL 61754	42.35 -1.41 0.00	42.23 -1.41 0.00	41.61 -1.44 0.00	44.19 -1.48 0.00	41.52 -1.36 0.00	40.28 -1.30 0.00	43.97 -1.39 0.00	64.52 -2.07 0.00	75.17 -2.29 0.00	70.41 -1.97 0.00	65.53 -1.67 0.00	48.34 -1.24 0.00	75.49 -2.01 0.00	65.83 -1.88 0.00	46.13 -1.28 0.00	45.85 -1.28 0.00	52.91 -1.32 0.00	43.58 -1.03 0.00	61.50 -1.36 0.00	45.08 -1.07 0.00	48.33 -1.24 0.00	49.69 -1.34 0.00	42.07 -1.22 0.00	40.82 -1.32 0.00
DUNWOD 61760	45.74 1.98 0.00	45.27 1.63 0.00	44.40 1.35 0.00	47.09 1.41 0.00	44.26 1.38 0.00	43.23 1.66 0.00	47.42 2.06 0.00	69.69 3.10 0.00	81.18 3.72 0.00	76.17 3.78 0.00	70.91 3.71 0.00	52.52 2.94 0.00	82.53 5.03 0.00	71.92 4.21 0.00	50.51 3.09 0.00	50.14 3.01 0.00	60.60 3.75 -2.62	63.40 3.51 -15.27	67.05 4.18 0.00	49.32 3.17 0.00	52.78 3.21 0.00	54.24 3.22 0.00	45.86 2.57 0.00	44.49 2.34 0.00
GENESE 61753	44.02 0.26 0.00	43.88 0.24 0.00	43.36 0.32 0.00	46.01 0.33 0.00	43.14 0.25 0.00	41.72 0.15 0.00	45.57 0.22 0.00	66.95 0.36 0.00	78.07 0.61 0.00	72.98 0.60 0.00	67.98 0.78 0.00	50.15 0.58 0.00	78.20 0.70 0.00	68.33 0.63 0.00	47.77 0.35 0.00	47.43 0.30 0.00	54.53 0.30 0.00	44.50 -0.12 0.00	63.55 0.69 0.00	46.46 0.31 0.00	50.03 0.45 0.00	51.41 0.38 0.00	43.55 0.26 0.00	42.29 0.15 0.00
H Q 61844	43.84 0.08 0.00	43.73 0.09 0.00	43.08 0.04 0.00	45.71 0.03 0.00	42.88 -0.01 0.00	41.63 0.05 0.00	45.48 0.13 0.00	66.73 0.15 0.00	77.45 -0.01 0.00	72.37 -0.01 0.00	67.10 -0.10 0.00	49.43 -0.14 0.00	77.18 -0.32 0.00	67.49 -0.22 0.00	47.29 -0.13 0.00	45.83 -0.05 2.29	53.89 -0.34 0.00	44.13 -0.48 0.00	62.29 -0.57 0.00	45.64 -0.51 0.00	49.18 -0.40 0.00	50.70 -0.33 0.00	43.19 -0.10 0.00	42.21 0.06 0.00
HUD VL 61758	44.54 0.78 0.00	44.23 0.59 0.00	43.45 0.41 0.00	46.11 0.43 0.00	43.34 0.45 0.00	42.24 0.67 0.00	46.25 0.90 0.00	68.00 1.41 0.00	79.29 1.83 0.00	74.27 1.89 0.00	69.09 1.89 0.00	51.12 1.55 0.00	80.14 2.64 0.00	69.87 2.17 0.00	49.00 1.58 0.00	48.69 1.56 0.00	56.30 2.07 0.00	46.74 2.12 0.00	65.17 2.30 0.00	47.91 1.76 0.00	51.25 1.68 0.00	52.63 1.61 0.00	44.52 1.23 0.00	43.23 1.09 0.00
LONGIL 61762	45.84 2.09 0.00	45.12 1.48 0.00	44.21 1.17 0.00	46.91 1.24 0.00	44.10 1.21 0.00	43.17 1.59 0.00	47.49 2.14 0.00	69.64 3.05 0.00	81.19 3.73 0.00	76.32 3.93 0.00	70.93 3.73 0.00	52.64 3.07 0.00	83.35 5.84 0.00	72.57 4.86 0.00	50.81 3.39 0.00	50.41 3.28 0.00	60.51 3.66 -2.62	63.43 3.55 -15.27	66.97 4.10 0.00	49.25 3.09 0.00	53.10 3.52 0.00	54.66 3.63 0.00	46.04 2.75 0.00	44.42 2.27 0.00
MHK VL 61756	44.60 0.84 0.00	44.49 0.85 0.00	43.92 0.87 0.00	46.57 0.90 0.00	43.74 0.86 0.00	42.32 0.75 0.00	46.21 0.85 0.00	67.94 1.35 0.00	79.13 1.67 0.00	73.86 1.48 0.00	68.51 1.30 0.00	50.62 1.05 0.00	79.10 1.60 0.00	69.14 1.43 0.00	48.34 0.92 0.00	48.07 0.94 0.00	55.22 0.99 0.00	45.12 0.50 0.00	63.98 1.11 0.00	46.98 0.82 0.00	50.58 1.00 0.00	52.09 1.06 0.00	44.16 0.87 0.00	42.96 0.82 0.00
MILLWD 61759	45.50 1.74 0.00	45.01 1.37 0.00	44.14 1.10 0.00	46.83 1.15 0.00	44.02 1.13 0.00	42.98 1.41 0.00	47.12 1.77 0.00	69.25 2.66 0.00	80.67 3.21 0.00	75.67 3.29 0.00	70.43 3.23 0.00	52.16 2.58 0.00	81.93 4.42 0.00	71.38 3.68 0.00	50.11 2.69 0.00	49.78 2.65 0.00	60.18 3.33 -2.62	63.04 3.16 -15.27	66.57 3.70 0.00	48.97 2.82 0.00	52.41 2.83 0.00	53.86 2.83 0.00	45.55 2.26 0.00	44.20 2.06 0.00
N.Y.C. 61761	60.26 2.60 -13.90	45.97 2.33 0.00	45.07 2.02 0.00	47.78 2.10 0.00	44.87 1.99 0.00	43.88 2.30 0.00	48.16 2.80 0.00	70.73 4.14 0.00	82.31 4.85 0.00	77.26 4.88 0.00	71.93 4.72 0.00	53.26 3.68 0.00	83.77 6.27 0.00	72.95 5.24 0.00	51.23 3.81 0.00	50.89 3.76 0.00	61.53 4.68 -2.62	64.15 4.27 -15.27	68.05 5.19 0.00	62.44 3.92 -12.37	53.88 3.96 -0.34	55.01 3.98 0.00	51.29 3.30 -4.70	50.08 3.08 -4.86
NORTH 61755	44.22 0.46 0.00	44.12 0.48 0.00	43.48 0.43 0.00	46.12 0.44 0.00	43.27 0.38 0.00	41.98 0.40 0.00	45.90 0.54 0.00	67.28 0.69 0.00	78.13 0.67 0.00	72.99 0.61 0.00	67.65 0.45 0.00	49.86 0.29 0.00	77.79 0.29 0.00	68.01 0.30 0.00	47.62 0.20 0.00	47.28 0.15 0.00	54.25 0.02 0.00	44.29 -0.32 0.00	62.66 -0.20 0.00	45.92 -0.23 0.00	49.51 -0.07 0.00	51.05 0.03 0.00	43.53 0.24 0.00	42.57 0.43 0.00
NPX 61845	46.34 2.59 0.00	46.21 2.57 0.00	45.77 2.73 0.00	48.48 2.80 0.00	45.52 2.63 0.00	43.91 2.34 0.00	47.94 2.59 0.00	70.72 4.13 0.00	82.38 4.92 0.00	76.54 4.16 0.00	70.74 3.54 0.00	52.33 2.76 0.00	81.85 4.35 0.00	71.50 3.79 0.00	49.95 2.53 0.00	47.76 1.88 2.29	57.02 2.79 0.00	46.73 2.11 0.00	66.06 3.19 0.00	48.59 2.43 0.00	52.35 2.77 0.00	53.89 2.87 0.00	45.67 2.38 0.00	44.45 2.31 0.00

PJH 61846	36.07 <span>-7.69</span> <span>0.00</span>	35.98 <span>-7.66</span> <span>0.00</span>	35.34 <span>-7.71</span> <span>0.00</span>	37.56 <span>-8.12</span> <span>0.00</span>	35. <span>-7.58</span> <span>0.00</span>	34.56 <span>-7.01</span> <span>0.00</span>	37.66 <span>-7.69</span> <span>0.00</span>	54.89 <span>-11.69</span> <span>0.00</span>	63.72 <span>-13.74</span> <span>0.00</span>	59.82 <span>-12.57</span> <span>0.00</span>	55.91 <span>-11.29</span> <span>0.00</span>	41.14 <span>-8.44</span> <span>0.00</span>	64.08 <span>-13.42</span> <span>0.00</span>	56.05 <span>-11.66</span> <span>0.00</span>	39.33 <span>-8.09</span> <span>0.00</span>	39.28 <span>-6.60</span> <span>2.29</span>	44.98 <span>-9.25</span> <span>0.00</span>	37.33 <span>-7.29</span> <span>0.00</span>	52.29 <span>-10.57</span> <span>0.00</span>	38.45 <span>-7.71</span> <span>0.00</span>	40.98 <span>-8.60</span> <span>0.00</span>	42.15 <span>-8.87</span> <span>0.00</span>	35.84 <span>-7.45</span> <span>0.00</span>	35.03 <span>-7.12</span> <span>0.00</span>
PJM 61847	15.01 <span>-7.58</span> <span>20.49</span>	17.50 <span>-7.80</span> <span>17.78</span>	15.99 <span>-6.86</span> <span>18.96</span>	14.15 <span>-8.16</span> <span>20.65</span>	13.65 <span>-7.56</span> <span>21.99</span>	14.45 <span>-7.65</span> <span>21.11</span>	18.35 <span>-6.66</span> <span>18.24</span>	34.00 <span>-7.48</span> <span>7.12</span>	71.81 <span>-5.65</span> <span>0.00</span>	33.00 <span>-6.73</span> <span>6.69</span>	28.00 <span>-6.71</span> <span>11.27</span>	24.00 <span>-7.03</span> <span>14.94</span>	25.00 <span>-7.03</span> <span>14.20</span>	24.99 <span>-7.92</span> <span>19.17</span>	28.91 <span>-6.36</span> <span>11.13</span>	27.88 <span>-7.37</span> <span>12.92</span>	50.72 <span>-3.51</span> <span>0.00</span>	42.05 <span>-2.57</span> <span>0.00</span>	50.00 <span>-10.63</span> <span>14.22</span>	38.00 <span>-9.59</span> <span>12.37</span>	31.00 <span>-7.75</span> <span>10.29</span>	24.01 <span>-8.99</span> <span>19.29</span>	20.00 <span>-7.71</span> <span>17.62</span>	22.46 <span>-7.21</span> <span>15.13</span>
WEST 61752	40.06 <span>-3.69</span> <span>0.00</span>	40.00 <span>-3.64</span> <span>0.00</span>	39.24 <span>-3.81</span> <span>0.00</span>	41.71 <span>-3.97</span> <span>0.00</span>	39.22 <span>-3.67</span> <span>0.00</span>	38.43 <span>-3.14</span> <span>0.00</span>	41.87 <span>-3.49</span> <span>0.00</span>	60.99 <span>-5.60</span> <span>0.00</span>	70.79 <span>-6.67</span> <span>0.00</span>	66.57 <span>-5.81</span> <span>0.00</span>	62.28 <span>-4.92</span> <span>0.00</span>	45.78 <span>-3.80</span> <span>0.00</span>	71.26 <span>-6.25</span> <span>0.00</span>	62.27 <span>-5.44</span> <span>0.00</span>	43.73 <span>-3.69</span> <span>0.00</span>	43.28 <span>-3.85</span> <span>0.00</span>	50.02 <span>-4.21</span> <span>0.00</span>	41.56 <span>-3.06</span> <span>0.00</span>	58.22 <span>-4.64</span> <span>0.00</span>	42.79 <span>-3.37</span> <span>0.00</span>	45.53 <span>-4.05</span> <span>0.00</span>	46.82 <span>-4.20</span> <span>0.00</span>	39.81 <span>-3.48</span> <span>0.00</span>	38.91 <span>-3.23</span> <span>0.00</span>