

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Zonal Data

12/05/2009

Name PTID CAPITL 61757	00:00 EST 42.92 1.56 0.00 N	01:00 EST 35.76 1.33 0.00 N	02:00 EST 36.21 1.36 0.00 N	03:00 EST 33.76 1.25 0.00 N	04:00 EST 44.48 1.71 0.00 N	05:00 EST 73.40 2.79 0.00 N	06:00 EST 20.82 0.82 0.00 N	07:00 EST 42.13 1.61 0.00 N	08:00 EST 40.36 1.71 0.00 N	09:00 EST 62.09 2.52 0.00 N	10:00 EST 57.56 2.44 0.00 N	11:00 EST 61.03 2.28 0.00 N	12:00 EST 62.85 2.34 0.00 N	13:00 EST 66.01 2.50 0.00 N	14:00 EST 64.58 2.52 0.00 N	15:00 EST 60.50 2.40 0.00 N	16:00 EST 123.11 6.26 0.00 N	17:00 EST 99.91 5.38 0.00 N	18:00 EST 93.94 5.21 0.00 N	19:00 EST 60.97 3.38 0.00 N	20:00 EST 78.85 3.49 0.00 N	21:00 EST 142.45 5.46 0.00 N	22:00 EST 42.54 1.39 0.00 N	23:00 EST 46.07 1.26 0.00 N
CENTRL 61754	40.42 -0.94 0.00 N	33.69 -0.74 0.00 N	34.10 -0.75 0.00 N	31.84 -0.67 0.00 N	41.77 -1.00 0.00 N	69.05 -1.56 0.00 N	19.69 -0.32 0.00 N	39.54 -0.97 0.00 N	38.03 -0.62 0.00 N	59.02 -0.54 0.00 N	54.69 -0.43 0.00 N	58.26 -0.48 0.00 N	59.95 -0.56 0.00 N	62.82 -0.69 0.00 N	61.28 -0.77 0.00 N	57.38 -0.72 0.00 N	115.99 -0.86 0.00 N	94.36 -0.18 0.00 N	89.14 0.40 0.00 N	57.83 0.24 0.00 N	75.41 0.05 0.00 N	135.84 -1.15 0.00 N	40.76 -0.40 0.00 N	44.11 -0.70 0.00 N
DUNWOD 61760	43.92 2.56 0.00 N	36.48 2.05 0.00 N	36.82 1.97 0.00 N	34.28 1.77 0.00 N	45.23 2.46 0.00 N	74.72 4.11 0.00 N	21.22 1.21 0.00 N	42.98 2.46 0.00 N	41.29 2.64 0.00 N	63.67 4.11 0.00 N	59.38 4.26 0.00 N	63.29 4.55 0.00 N	65.31 4.80 0.00 N	68.42 4.91 0.00 N	67.28 5.23 0.00 N	63.14 5.05 0.00 N	127.82 10.97 0.00 N	103.32 8.78 0.00 N	97.07 8.34 0.00 N	63.17 5.58 0.00 N	81.58 6.22 0.00 N	146.69 9.71 0.00 N	43.91 2.75 0.00 N	47.52 2.72 0.00 N
GENESE 61753	39.80 -1.56 0.00 N	33.17 -1.26 0.00 N	33.54 -1.31 0.00 N	31.32 -1.19 0.00 N	41.06 -1.70 0.00 N	67.87 -2.75 0.00 N	19.32 -0.68 0.00 N	38.66 -1.86 0.00 N	37.22 -1.44 0.00 N	57.96 -1.61 0.00 N	53.68 -1.44 0.00 N	57.22 -1.52 0.00 N	58.72 -1.79 0.00 N	61.98 -1.53 0.00 N	60.52 -1.53 0.00 N	56.59 -1.50 0.00 N	115.00 -1.85 0.00 N	94.01 -0.53 0.00 N	88.82 0.09 0.00 N	57.54 -0.05 0.00 N	75.15 -0.21 0.00 N	135.38 -1.60 0.00 N	40.53 -0.62 0.00 N	43.85 -0.96 0.00 N
H Q 61844	41.41 0.05 0.00 N	34.46 0.04 0.00 N	34.88 0.03 0.00 N	32.55 0.03 0.35 N	37.48 0.03 -2.89 N	70.68 0.07 0.00 N	19.98 -0.02 0.00 N	40.55 0.03 0.00 N	38.49 -0.16 0.00 N	59.26 -0.31 0.00 N	54.63 -0.49 0.00 N	58.34 -0.41 0.00 N	60.06 -0.45 0.00 N	62.97 -0.55 0.00 N	61.53 -0.52 0.00 N	57.74 -0.53 0.00 N	0.00 -1.27 59.66 N	35.00 -2.01 50.44 N	86.62 -2.11 0.00 N	56.21 -1.38 0.00 N	37.00 -1.00 20.33 N	136.33 -0.66 0.00 N	50.88 -0.13 3.38 N	46.38 0.05 1.65 N
HUD VL 61758	43.78 2.42 0.00 N	36.36 1.93 0.00 N	36.71 1.86 0.00 N	34.20 1.70 0.00 N	45.09 2.32 0.00 N	74.44 3.82 0.00 N	21.12 1.12 0.00 N	42.75 2.23 0.00 N	41.03 2.38 0.00 N	63.25 3.68 0.00 N	58.88 3.77 0.00 N	62.77 4.03 0.00 N	64.78 4.27 0.00 N	67.90 4.39 0.00 N	66.70 4.64 0.00 N	62.55 4.45 0.00 N	126.72 9.87 0.00 N	102.58 8.04 0.00 N	96.42 7.69 0.00 N	62.67 5.07 0.00 N	80.96 5.60 0.00 N	145.75 8.76 0.00 N	43.59 2.43 0.00 N	47.21 2.40 0.00 N
LONGIL 61762	44.56 3.20 0.00 N	37.06 2.63 0.00 N	37.30 2.45 0.00 N	34.69 2.18 0.00 N	45.79 3.02 0.00 N	76.15 5.54 0.00 N	21.57 1.57 0.00 N	43.70 3.18 0.00 N	41.89 3.24 0.00 N	64.80 5.24 0.00 N	60.84 5.73 0.00 N	64.68 5.93 0.00 N	66.85 6.34 0.00 N	69.91 6.40 0.00 N	68.88 6.82 0.00 N	64.88 6.78 0.00 N	131.41 14.54 -0.02 N	106.26 11.71 0.00 N	99.96 11.23 0.00 N	68.59 7.53 -3.47 N	97.95 8.32 -14.27 N	149.57 12.58 0.00 N	44.90 3.75 0.00 N	48.45 3.64 0.00 N
MHK VL 61756	42.69 1.34 0.00 N	35.22 0.79 0.00 N	35.59 0.74 0.00 N	33.21 0.70 0.00 N	43.68 0.92 0.00 N	72.30 1.68 0.00 N	20.56 0.55 0.00 N	41.57 1.06 0.00 N	39.83 1.18 0.00 N	61.50 1.94 0.00 N	56.88 1.76 0.00 N	60.61 1.86 0.00 N	62.42 1.91 0.00 N	65.45 1.94 0.00 N	63.96 1.91 0.00 N	59.94 1.85 0.00 N	121.05 4.20 0.00 N	98.09 3.54 0.00 N	92.17 3.43 0.00 N	59.77 2.18 0.00 N	78.00 2.64 0.00 N	141.33 4.35 0.00 N	42.33 1.18 0.00 N	45.87 1.07 0.00 N
MILLWD 61759	43.78 2.43 0.00 N	36.40 1.97 0.00 N	36.75 1.90 0.00 N	34.23 1.72 0.00 N	45.12 2.36 0.00 N	74.53 3.92 0.00 N	21.17 1.16 0.00 N	42.86 2.34 0.00 N	41.18 2.53 0.00 N	63.49 3.93 0.00 N	59.21 4.09 0.00 N	63.09 4.35 0.00 N	65.09 4.58 0.00 N	68.18 4.67 0.00 N	67.04 4.99 0.00 N	62.93 4.83 0.00 N	127.55 10.70 0.00 N	103.13 8.59 0.00 N	96.92 8.19 0.00 N	63.02 5.43 0.00 N	81.35 5.99 0.00 N	146.33 9.34 0.00 N	43.77 2.62 0.00 N	47.37 2.57 0.00 N
N.Y.C. 61761	48.80 2.79 -4.65 N	36.70 2.27 0.00 N	37.02 2.17 0.00 N	34.46 1.95 0.00 N	45.47 2.71 0.00 N	75.12 4.51 0.00 N	21.37 1.37 0.00 N	43.29 2.77 0.00 N	41.58 2.93 0.00 N	64.16 4.59 0.00 N	64.59 4.72 -4.75 N	68.40 5.10 -4.56 N	65.91 5.40 0.00 N	69.02 5.51 0.00 N	67.92 5.87 0.00 N	63.75 5.65 0.00 N	136.65 11.90 -7.90 N	120.35 9.46 -16.35 N	116.66 9.08 -18.84 N	87.10 6.10 -23.40 N	104.62 6.85 -22.41 N	164.98 10.64 -17.35 N	70.36 3.13 -26.08 N	51.46 3.10 -3.55 N

NORTH 61755	42.04 <u>0.68</u> 0.00 N	34.92 <u>0.50</u> 0.00 N	35.27 <u>0.42</u> 0.00 N	32.90 <u>0.39</u> 0.00 N	43.30 <u>0.53</u> 0.00 N	71.58 <u>0.96</u> 0.00 N	20.29 <u>0.28</u> 0.00 N	41.05 <u>0.54</u> 0.00 N	39.07 <u>0.42</u> 0.00 N	60.03 <u>0.47</u> 0.00 N	55.27 <u>0.16</u> 0.00 N	58.92 <u>0.18</u> 0.00 N	60.58 <u>0.06</u> 0.00 N	63.47 <u>-0.05</u> 0.00 N	61.97 <u>-0.08</u> 0.00 N	57.87 <u>-0.23</u> 0.00 N	115.14 <u>-1.71</u> 0.00 N	92.95 <u>-1.59</u> 0.00 N	87.00 <u>-1.74</u> 0.00 N	56.28 <u>-1.31</u> 0.00 N	74.92 <u>-0.44</u> 0.00 N	138.31 <u>1.32</u> 0.00 N	41.53 <u>0.38</u> 0.00 N	45.43 <u>0.62</u> 0.00 N
NPX 61845	43.13 <u>1.77</u> 0.00 N	35.91 <u>1.48</u> 0.00 N	36.35 <u>1.50</u> 0.00 N	33.89 <u>1.38</u> 0.00 N	44.67 <u>1.90</u> 0.00 N	73.62 <u>3.01</u> 0.00 N	20.86 <u>0.86</u> 0.00 N	42.19 <u>1.67</u> 0.00 N	40.51 <u>1.86</u> 0.00 N	62.25 <u>2.69</u> 0.00 N	57.93 <u>2.81</u> 0.00 N	61.36 <u>2.61</u> 0.00 N	63.20 <u>2.69</u> 0.00 N	66.35 <u>2.84</u> 0.00 N	65.00 <u>2.95</u> 0.00 N	60.89 <u>2.80</u> 0.00 N	123.93 <u>7.08</u> 0.00 N	100.51 <u>5.96</u> 0.00 N	94.53 <u>5.80</u> 0.00 N	61.34 <u>3.74</u> 0.00 N	79.14 <u>3.78</u> 0.00 N	142.78 <u>5.80</u> 0.00 N	53.00 <u>1.98</u> 0.00 N	45.00 <u>1.42</u> 0.00 N
O H 61846	37.86 <u>-3.49</u> 0.00 N	31.66 <u>-2.76</u> 0.00 N	32.04 <u>-2.81</u> 0.00 N	29.95 <u>-2.56</u> 0.00 N	39.14 <u>-3.63</u> 0.00 N	64.38 <u>-6.23</u> 0.00 N	18.20 <u>-1.81</u> 0.00 N	36.05 <u>-4.46</u> 0.00 N	34.77 <u>-3.88</u> 0.00 N	54.28 <u>-5.29</u> 0.00 N	50.13 <u>-4.99</u> 0.00 N	53.55 <u>-5.20</u> 0.00 N	54.61 <u>-5.90</u> 0.00 N	55.71 <u>-7.81</u> 0.00 N	54.48 <u>-7.57</u> 0.00 N	50.79 <u>-7.31</u> 0.00 N	102.96 <u>-13.89</u> 0.00 N	84.20 <u>-10.34</u> 0.00 N	80.20 <u>-8.54</u> 0.00 N	52.05 <u>-5.54</u> 0.00 N	68.47 <u>-6.88</u> 0.00 N	123.22 <u>-13.76</u> 0.00 N	45.18 <u>-5.83</u> 0.00 N	41.73 <u>-4.60</u> 0.00 N
PJM 61847	35.99 <u>-1.16</u> 0.42 N	31.99 <u>-0.30</u> 0.29 N	33.95 <u>0.33</u> 0.88 N	30.28 <u>-2.24</u> 0.00 N	33.95 <u>0.31</u> 0.80 N	33.99 <u>0.31</u> 0.82 N	18.52 <u>-1.49</u> 0.00 N	36.39 <u>-4.12</u> 0.00 N	43.00 <u>0.58</u> 7.08 N	41.95 <u>0.84</u> 7.41 N	47.99 <u>1.04</u> 0.44 N	55.04 <u>-3.70</u> 0.00 N	56.57 <u>-3.94</u> 0.00 N	58.64 <u>-4.87</u> 0.00 N	57.72 <u>-4.33</u> 0.00 N	44.00 <u>1.38</u> 7.99 N	44.99 <u>1.31</u> 17.25 N	50.50 <u>3.39</u> 40.34 N	55.55 <u>2.82</u> 25.74 N	54.78 <u>-2.81</u> 0.00 N	71.58 <u>-3.78</u> 0.00 N	58.40 <u>1.25</u> 0.93 N	50.00 <u>0.66</u> 5.05 N	46.95 <u>0.62</u> 1.65 N
WEST 61752	38.43 <u>-2.93</u> 0.00 N	32.15 <u>-2.28</u> 0.00 N	32.54 <u>-2.31</u> 0.00 N	30.41 <u>-2.10</u> 0.00 N	39.75 <u>-3.02</u> 0.00 N	65.38 <u>-5.23</u> 0.00 N	18.49 <u>-1.52</u> 0.00 N	30.07 <u>-3.96</u> 6.48 N	14.08 <u>-3.23</u> 21.34 N	15.68 <u>-4.07</u> 39.82 N	16.23 <u>-3.77</u> 35.12 N	16.32 <u>-3.91</u> 38.52 N	16.45 <u>-4.49</u> 39.57 N	16.64 <u>-6.22</u> 40.66 N	16.18 <u>-5.93</u> 39.94 N	15.59 <u>-5.76</u> 36.75 N	31.90 <u>-11.08</u> 73.87 N	51.07 <u>-7.93</u> 35.54 N	51.74 <u>-6.02</u> 30.97 N	21.77 <u>-3.88</u> 31.95 N	48.08 <u>-4.75</u> 22.53 N	90.37 <u>-9.98</u> 36.63 N	36.85 <u>-3.03</u> 1.27 N	37.54 <u>-3.49</u> 3.77 N