

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

02/07/2002

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	20.88 0.82 0.00	20.10 0.87 0.00	21.76 1.14 0.00	22.80 1.22 0.00	17.30 0.81 0.00	18.06 0.75 0.00	25.99 0.89 0.00	25.11 0.67 0.00	20.56 0.51 0.00	21.78 0.55 0.00	21.79 0.66 0.00	23.07 0.76 0.00	23.30 0.73 0.00	21.17 0.58 0.00	19.42 0.49 0.00	18.80 0.45 0.00	18.63 0.44 0.00	20.38 0.52 0.00	20.36 0.53 0.00	22.61 0.61 0.00	23.37 0.65 0.00	19.86 0.53 0.00	17.59 0.54 0.00	15.09 0.58 0.00
CENTRL 61754	19.66 -0.40 0.00	18.77 -0.45 0.00	20.09 -0.53 0.00	20.99 -0.59 0.00	16.12 -0.37 0.00	17.01 -0.30 0.00	24.53 -0.57 0.00	23.84 -0.60 0.00	19.55 -0.50 0.00	20.68 -0.55 0.00	20.57 -0.56 0.00	21.67 -0.63 0.00	21.92 -0.65 0.00	20.01 -0.58 0.00	18.43 -0.50 0.00	17.86 -0.49 0.00	17.70 -0.49 0.00	19.41 -0.44 0.00	19.42 -0.40 0.00	21.53 -0.47 0.00	22.16 -0.55 0.00	18.83 -0.50 0.00	16.66 -0.38 0.00	14.26 -0.25 0.00
DUNWOD 61760	21.00 0.94 0.00	20.02 0.79 0.00	21.32 0.70 0.00	22.35 0.76 0.00	17.12 0.63 0.00	18.16 0.85 0.00	26.86 1.76 0.00	26.42 1.98 0.00	21.82 1.77 0.00	23.20 1.97 0.00	23.09 1.96 0.00	24.47 2.16 0.00	24.73 2.16 0.00	22.53 1.93 0.00	20.68 1.75 0.00	20.08 1.73 0.00	19.95 1.76 0.00	21.83 1.98 0.00	21.75 1.92 0.00	24.05 2.05 0.00	24.89 2.18 0.00	21.13 1.80 0.00	18.36 1.32 0.00	15.34 0.83 0.00
GENESE 61753	20.14 0.08 0.00	19.22 0.00 0.00	20.68 0.06 0.00	21.51 -0.07 0.00	16.39 -0.10 0.00	17.09 -0.22 0.00	24.39 -0.71 0.00	23.70 -0.74 0.00	19.35 -0.69 0.00	20.41 -0.82 0.00	20.34 -0.79 0.00	21.32 -0.98 0.00	21.59 -0.98 0.00	19.76 -0.83 0.00	18.20 -0.72 0.00	17.60 -0.75 0.00	17.40 -0.78 0.00	19.13 -0.73 0.00	19.17 -0.66 0.00	21.26 -0.74 0.00	21.86 -0.85 0.00	18.58 -0.74 0.00	16.51 -0.54 0.00	14.22 -0.29 0.00
H Q 61844	19.90 -0.16 0.00	19.04 0.06 2.32	20.50 -0.12 0.00	21.47 -0.12 0.00	16.39 -0.10 0.00	17.18 -0.13 0.00	24.83 -0.27 0.00	22.80 -0.49 1.02	19.75 -0.30 0.00	20.89 -0.34 0.00	20.77 -0.36 0.00	21.87 -0.43 0.00	22.18 -0.39 0.00	20.23 -0.36 0.00	18.60 -0.33 0.00	18.02 -0.33 0.00	17.85 -0.33 0.00	19.49 -0.37 0.00	19.47 -0.36 0.00	21.57 -0.43 0.00	22.29 -0.42 0.00	19.04 -0.29 0.00	16.82 -0.22 0.00	14.36 -0.15 0.00
HUD VL 61758	20.71 0.65 0.00	19.79 0.57 0.00	21.11 0.49 0.00	22.12 0.53 0.00	16.94 0.45 0.00	17.93 0.63 0.00	26.45 1.35 0.00	25.93 1.49 0.00	21.37 1.32 0.00	22.68 1.45 0.00	22.57 1.44 0.00	23.91 1.60 0.00	24.16 1.59 0.00	22.00 1.41 0.00	20.22 1.29 0.00	19.64 1.29 0.00	19.50 1.31 0.00	21.33 1.48 0.00	21.26 1.43 0.00	23.54 1.54 0.00	24.33 1.62 0.00	20.66 1.33 0.00	18.02 0.97 0.00	15.11 0.60 0.00
LONGIL 61762	21.02 0.96 0.00	20.07 0.85 0.00	28.44 0.77 -7.05	27.09 0.83 -4.67	29.80 0.69 -12.62	28.18 0.87 -10.00	28.33 1.69 -1.54	27.43 1.91 -1.08	27.51 1.72 -5.74	23.24 1.91 -0.11	26.98 1.93 -3.93	25.31 2.10 -0.90	24.87 2.12 -0.18	30.66 1.92 -8.15	30.01 1.75 -9.34	28.48 1.70 -8.43	24.86 1.71 -4.96	36.59 1.92 -14.82	56.31 1.85 -34.64	44.72 1.97 -20.75	46.59 2.10 -21.78	25.98 1.73 -4.93	18.28 1.24 0.00	15.29 0.78 0.00
MHK VL 61756	20.29 0.23 0.00	19.43 0.21 0.00	20.88 0.26 0.00	21.88 0.29 0.00	16.70 0.21 0.00	17.54 0.23 0.00	25.29 0.20 0.00	24.56 0.12 0.00	20.13 0.08 0.00	21.31 0.08 0.00	21.21 0.08 0.00	22.41 0.10 0.00	22.69 0.12 0.00	20.68 0.09 0.00	18.94 0.02 0.00	18.36 0.01 0.00	18.19 0.00 0.00	19.90 0.05 0.00	19.87 0.05 0.00	22.04 0.04 0.00	22.86 0.14 0.00	19.49 0.16 0.00	17.16 0.12 0.00	14.70 0.19 0.00
MILLWD 61759	20.73 0.67 0.00	19.77 0.54 0.00	21.05 0.43 0.00	22.07 0.49 0.00	16.91 0.42 0.00	17.92 0.62 0.00	26.50 1.41 0.00	26.05 1.61 0.00	21.50 1.46 0.00	22.86 1.62 0.00	22.74 1.61 0.00	24.09 1.79 0.00	24.35 1.78 0.00	22.18 1.59 0.00	20.36 1.44 0.00	19.78 1.42 0.00	19.64 1.45 0.00	21.50 1.65 0.00	21.42 1.59 0.00	23.70 1.69 0.00	24.52 1.80 0.00	20.81 1.49 0.00	18.10 1.05 0.00	15.13 0.62 0.00
N.Y.C. 61761	21.33 1.27 0.00	20.31 1.09 0.00	21.63 1.02 0.00	22.68 1.09 0.00	17.39 0.90 0.00	18.47 1.16 0.00	27.41 2.31 0.00	27.01 2.57 0.00	22.30 2.26 0.00	23.74 2.51 0.00	23.63 2.50 0.00	25.04 2.74 0.00	25.32 2.74 0.00	23.06 2.47 0.00	21.16 2.23 0.00	20.55 2.19 0.00	20.42 2.23 0.00	22.33 2.48 0.00	22.22 2.40 0.00	24.56 2.56 0.00	25.45 2.73 0.00	21.60 2.27 0.00	18.72 1.68 0.00	15.59 1.08 0.00
NORTH 61755	19.83 -0.23 0.00	19.04 -0.18 0.00	20.47 -0.15 0.00	21.44 -0.15 0.00	16.34 -0.15 0.00	17.14 -0.17 0.00	24.70 -0.39 0.00	24.02 -0.42 0.00	19.63 -0.42 0.00	20.77 -0.46 0.00	20.65 -0.48 0.00	21.74 -0.56 0.00	22.04 -0.53 0.00	20.09 -0.50 0.00	18.46 -0.47 0.00	17.90 -0.46 0.00	17.73 -0.46 0.00	19.38 -0.48 0.00	19.36 -0.47 0.00	21.44 -0.57 0.00	22.17 -0.55 0.00	18.93 -0.40 0.00	16.72 -0.33 0.00	14.29 -0.22 0.00
NPX 61845	20.39 0.33 0.00	19.64 0.66 2.32	21.10 0.48 0.00	22.11 0.52 0.00	16.82 0.33 0.00	17.63 0.32 0.00	25.60 0.51 0.00	24.70 1.41 1.02	20.38 0.34 0.00	21.62 0.38 0.00	21.60 0.47 0.00	22.90 0.60 0.00	23.15 0.58 0.00	21.07 0.48 0.00	19.30 0.37 0.00	18.70 0.35 0.00	18.53 0.35 0.00	20.24 0.39 0.00	20.18 0.35 0.00	22.41 0.41 0.00	23.19 0.47 0.00	19.72 0.39 0.00	17.37 0.33 0.00	14.82 0.31 0.00

H 61846	19.44 <span>-0.62</span> <span>0.00</span>	17.53 <span>-1.45</span> <span>2.32</span>	19.84 <span>-0.78</span> <span>0.00</span>	20.72 <span>-0.87</span> <span>0.00</span>	16.01 <span>-0.48</span> <span>0.00</span>	16.75 <span>-0.56</span> <span>0.00</span>	18.90 <span>-1.55</span> <span>5.75</span>	21.98 <span>-1.31</span> <span>1.02</span>	19.36 <span>-0.69</span> <span>0.00</span>	20.27 <span>-0.96</span> <span>0.00</span>	20.08 <span>-1.05</span> <span>0.00</span>	20.99 <span>-1.32</span> <span>0.00</span>	21.28 <span>-1.30</span> <span>0.00</span>	19.55 <span>-1.04</span> <span>0.00</span>	18.17 <span>-0.76</span> <span>0.00</span>	17.57 <span>-0.78</span> <span>0.00</span>	17.35 <span>-0.84</span> <span>0.00</span>	19.02 <span>-0.84</span> <span>0.00</span>	18.93 <span>-0.89</span> <span>0.00</span>	20.99 <span>-1.01</span> <span>0.00</span>	21.53 <span>-1.18</span> <span>0.00</span>	18.39 <span>-0.93</span> <span>0.00</span>	16.32 <span>-0.72</span> <span>0.00</span>	13.85 <span>-0.66</span> <span>0.00</span>
PJM 61847	19.20 <span>-0.86</span> <span>0.00</span>	17.04 <span>-1.94</span> <span>2.32</span>	19.58 <span>-1.04</span> <span>0.00</span>	20.49 <span>-1.10</span> <span>0.00</span>	15.76 <span>-0.74</span> <span>0.00</span>	16.60 <span>-0.71</span> <span>0.00</span>	24.25 <span>-0.85</span> <span>0.00</span>	22.97 <span>-0.32</span> <span>1.02</span>	19.43 <span>-0.61</span> <span>0.00</span>	20.48 <span>-0.75</span> <span>0.00</span>	20.27 <span>-0.86</span> <span>0.00</span>	21.37 <span>-0.94</span> <span>0.00</span>	21.62 <span>-0.95</span> <span>0.00</span>	19.78 <span>-0.81</span> <span>0.00</span>	18.29 <span>-0.64</span> <span>0.00</span>	17.75 <span>-0.60</span> <span>0.00</span>	17.58 <span>-0.61</span> <span>0.00</span>	19.23 <span>-0.63</span> <span>0.00</span>	19.16 <span>-0.67</span> <span>0.00</span>	21.24 <span>-0.76</span> <span>0.00</span>	21.86 <span>-0.85</span> <span>0.00</span>	18.62 <span>-0.70</span> <span>0.00</span>	16.36 <span>-0.68</span> <span>0.00</span>	13.82 <span>-0.69</span> <span>0.00</span>
WEST 61752	19.42 <span>-0.64</span> <span>0.00</span>	18.58 <span>-0.64</span> <span>0.00</span>	19.81 <span>-0.80</span> <span>0.00</span>	20.68 <span>-0.90</span> <span>0.00</span>	16.00 <span>-0.49</span> <span>0.00</span>	16.75 <span>-0.56</span> <span>0.00</span>	24.14 <span>-0.95</span> <span>0.00</span>	23.71 <span>-0.73</span> <span>0.00</span>	19.33 <span>-0.72</span> <span>0.00</span>	20.23 <span>-1.00</span> <span>0.00</span>	20.03 <span>-1.10</span> <span>0.00</span>	20.90 <span>-1.41</span> <span>0.00</span>	21.20 <span>-1.37</span> <span>0.00</span>	19.50 <span>-1.09</span> <span>0.00</span>	18.14 <span>-0.79</span> <span>0.00</span>	17.54 <span>-0.81</span> <span>0.00</span>	17.31 <span>-0.88</span> <span>0.00</span>	18.97 <span>-0.89</span> <span>0.00</span>	18.92 <span>-0.91</span> <span>0.00</span>	20.97 <span>-1.03</span> <span>0.00</span>	21.48 <span>-1.23</span> <span>0.00</span>	18.35 <span>-0.97</span> <span>0.00</span>	16.28 <span>-0.76</span> <span>0.00</span>	13.82 <span>-0.69</span> <span>0.00</span>