

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/11/2002

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	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	36.25	28.39	25.83	26.16	29.36	34.42	35.75	40.04	43.28	47.15	49.40	46.80	47.49	49.23	48.86	50.21	49.69	49.63	45.60	53.99	51.62	43.21	41.15	37.07
61757	1.31	1.13	0.99	1.04	1.22	1.57	1.57	1.79	1.96	2.04	2.21	2.07	2.18	2.21	2.05	2.03	2.12	2.14	2.26	2.94	2.55	2.22	2.06	1.62
	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	34.10	26.59	24.20	24.48	27.36	31.93	33.16	37.23	40.46	44.47	46.67	44.32	44.48	46.26	45.95	46.99	46.57	46.47	42.29	49.77	47.83	39.72	37.72	34.14
61754	-0.84	-0.67	-0.64	-0.64	-0.78	-0.92	-1.02	-1.02	-0.86	-0.64	-0.52	-0.41	-0.83	-0.76	-0.86	-1.19	-1.00	-1.02	-1.05	-1.28	-1.24	-1.27	-1.37	-1.31
	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
DUNWOD	37.25	29.28	26.63	27.00	30.34	35.58	36.78	41.42	44.83	48.58	50.94	48.24	48.93	50.69	50.46	51.97	51.38	51.29	46.66	55.49	53.00	44.60	42.63	38.21
61760	2.31	2.02	1.79	1.88	2.20	2.73	2.60	3.17	3.51	3.47	3.73	3.44	3.62	3.67	3.65	3.76	3.81	3.80	3.29	4.44	3.93	3.61	3.48	2.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.07	0.00	0.00	0.00	-0.03	0.00	0.00	-0.03	0.00	0.00	0.00	-0.06	0.00
GENESE	33.24	25.72	23.52	23.85	26.42	30.69	31.65	35.86	38.71	43.02	45.16	42.80	43.17	45.17	44.96	45.87	45.44	45.30	41.17	48.44	46.75	38.88	36.76	33.04
61753	-1.70	-1.54	-1.32	-1.27	-1.72	-2.16	-2.53	-2.39	-2.61	-2.09	-2.03	-1.93	-2.14	-1.85	-1.85	-2.31	-2.13	-2.19	-2.17	-2.61	-2.32	-2.11	-2.33	-2.41
	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	23.23	27.01	24.64	24.89	27.89	32.49	33.09	37.87	40.87	44.61	46.62	44.24	44.81	46.50	46.30	47.84	47.09	47.02	42.95	50.34	48.58	40.46	38.62	35.17
61844	-0.21	-0.25	-0.20	-0.23	-0.25	-0.36	-0.14	-0.38	-0.45	-0.50	-0.57	-0.49	-0.50	-0.52	-0.51	-0.34	-0.48	-0.47	-0.39	-0.71	-0.49	-0.53	-0.47	-0.28
	11.50	0.00	0.00	0.00	0.00	0.00	0.95	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
HUD VL	36.94	28.93	26.31	26.68	29.94	35.12	36.33	40.89	44.29	47.89	50.12	47.40	48.24	49.87	49.67	51.17	50.59	50.50	45.89	54.80	52.47	44.17	42.17	37.92
61758	2.00	1.67	1.47	1.56	1.80	2.27	2.15	2.64	2.97	2.78	2.93	2.67	2.93	2.85	2.86	2.99	3.02	3.01	2.55	3.75	3.40	3.18	3.08	2.47
	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	37.53	35.79	35.79	34.89	35.67	36.51	37.89	41.17	44.53	45.84	46.83	47.42	46.40	49.46	49.66	48.45	48.40	47.23	45.64	48.15	47.03	44.56	42.66	38.80
61762	2.59	2.39	2.15	2.24	2.59	3.21	3.03	2.92	3.21	2.91	3.11	2.84	2.99	2.99	3.01	3.05	3.10	3.10	2.69	3.75	3.24	3.57	3.68	3.09
	0.00	-6.14	-8.80	-7.53	-4.94	-0.45	-0.68	0.00	0.00	2.18	3.47	0.15	1.90	0.55	0.16	2.78	2.27	3.36	0.39	6.65	5.28	0.00	0.11	-0.26
MHK VL	35.19	27.44	24.98	25.25	28.30	33.07	34.54	38.51	41.62	45.51	47.66	45.21	45.76	47.57	47.40	48.76	48.16	48.10	43.90	51.66	49.62	41.29	39.24	35.55
61756	0.25	0.18	0.14	0.13	0.16	0.22	0.36	0.26	0.30	0.40	0.47	0.48	0.45	0.55	0.59	0.58	0.59	0.61	0.56	0.61	0.55	0.30	0.15	0.10
	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	36.93	29.03	26.41	26.78	30.06	35.28	36.47	41.04	44.44	48.16	50.42	47.70	48.48	50.19	49.97	51.43	50.88	50.79	46.18	54.98	52.53	44.21	42.22	37.86
61759	1.99	1.77	1.57	1.66	1.92	2.43	2.29	2.79	3.12	3.05	3.23	2.97	3.17	3.17	3.16	3.25	3.31	3.30	2.84	3.93	3.46	3.22	3.13	2.41
	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.	37.63	29.60	26.91	27.30	30.69	36.02	37.23	41.90	47.19	50.58	54.08	53.63	52.26	54.04	53.97	59.25	55.26	54.51	50.66	56.14	53.95	47.65	46.97	38.70
61761	2.69	2.34	2.07	2.18	2.55	3.17	3.05	3.62	4.03	4.04	4.33	4.02	4.20	4.28	4.30	4.37	4.41	4.42	3.86	5.09	4.49	4.10	3.99	3.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-1.84	-1.43	-2.56	-4.88	-2.75	-2.74	-2.86	-6.70	-3.28	-2.60	-3.46	0.00	-0.39	-2.56	-3.89	0.00
NORTH	34.39	26.75	24.41	24.65	27.63	32.12	33.91	37.51	40.44	44.20	46.08	43.77	44.34	46.08	45.95	47.78	46.75	46.69	42.71	49.88	48.18	40.05	38.26	34.89
61755	-0.55	-0.51	-0.43	-0.47	-0.51	-0.73	-0.27	-0.74	-0.88	-0.91	-1.11	-0.96	-0.97	-0.94	-0.86	-0.40	-0.82	-0.80	-0.63	-1.17	-0.89	-0.94	-0.83	-0.56
	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	25.01	28.62	26.03	26.38	29.60	34.69	35.01	40.39	43.72	47.50	49.74	47.10	47.80	49.51	49.29	50.69	50.09	50.01	45.68	54.16	51.82	43.49	41.47	37.29
61845	1.57	1.36	1.19	1.26	1.46	1.84	1.78	2.14	2.40	2.39	2.55	2.37	2.49	2.49	2.48	2.51	2.52	2.52	2.34	3.11	2.75	2.50	2.38	1.84
	11.50	0.00	0.00	0.00	0.00	0.00	0.95	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 61846	21.06 <span>-2.38</span> <span>11.50</span>	25.08 <span>-2.18</span> <span>0.00</span>	22.80 <span>-2.04</span> <span>0.00</span>	23.11 <span>-2.01</span> <span>0.00</span>	25.64 <span>-2.50</span> <span>0.00</span>	29.73 <span>-3.12</span> <span>0.00</span>	29.06 <span>-4.17</span> <span>0.95</span>	34.12 <span>-4.13</span> <span>0.00</span>	36.65 <span>-4.67</span> <span>0.00</span>	40.96 <span>-4.15</span> <span>0.00</span>	42.99 <span>-4.20</span> <span>0.00</span>	40.70 <span>-4.03</span> <span>0.00</span>	40.96 <span>-4.35</span> <span>0.00</span>	43.07 <span>-3.95</span> <span>0.00</span>	42.88 <span>-3.93</span> <span>0.00</span>	43.51 <span>-4.67</span> <span>0.00</span>	43.19 <span>-4.38</span> <span>0.00</span>	43.07 <span>-4.42</span> <span>0.00</span>	39.14 <span>-4.20</span> <span>0.00</span>	46.00 <span>-5.05</span> <span>0.00</span>	44.46 <span>-4.61</span> <span>0.00</span>	37.14 <span>-3.85</span> <span>0.00</span>	35.26 <span>-3.83</span> <span>0.00</span>	31.52 <span>-3.93</span> <span>0.00</span>
PJM 61847	19.84 <span>-3.60</span> <span>11.50</span>	16.00 <span>-3.24</span> <span>8.02</span>	16.00 <span>-2.98</span> <span>5.86</span>	16.01 <span>-3.01</span> <span>6.10</span>	17.99 <span>-3.55</span> <span>6.60</span>	20.00 <span>-4.17</span> <span>8.68</span>	28.65 <span>-4.58</span> <span>0.95</span>	33.70 <span>-4.55</span> <span>0.00</span>	36.61 <span>-4.71</span> <span>0.00</span>	40.82 <span>-4.29</span> <span>0.00</span>	43.79 <span>-3.40</span> <span>0.00</span>	42.00 <span>-2.73</span> <span>0.00</span>	42.00 <span>-3.31</span> <span>0.00</span>	45.00 <span>-2.02</span> <span>0.00</span>	44.89 <span>-1.92</span> <span>0.00</span>	45.00 <span>-3.18</span> <span>0.00</span>	45.00 <span>-2.57</span> <span>0.00</span>	44.97 <span>-2.52</span> <span>0.00</span>	40.00 <span>-3.34</span> <span>0.00</span>	46.86 <span>-4.19</span> <span>0.00</span>	45.10 <span>-3.97</span> <span>0.00</span>	36.32 <span>-4.67</span> <span>0.00</span>	30.00 <span>-4.81</span> <span>4.28</span>	25.00 <span>-4.75</span> <span>5.70</span>
WEST 61752	32.34 <span>-2.60</span> <span>0.00</span>	24.90 <span>-2.36</span> <span>0.00</span>	22.64 <span>-2.20</span> <span>0.00</span>	22.92 <span>-2.20</span> <span>0.00</span>	25.42 <span>-2.72</span> <span>0.00</span>	29.51 <span>-3.34</span> <span>0.00</span>	29.90 <span>-4.28</span> <span>0.00</span>	33.98 <span>-4.27</span> <span>0.00</span>	36.58 <span>-4.74</span> <span>0.00</span>	41.01 <span>-4.10</span> <span>0.00</span>	43.24 <span>-3.95</span> <span>0.00</span>	41.02 <span>-3.71</span> <span>0.00</span>	41.21 <span>-4.10</span> <span>0.00</span>	43.56 <span>-3.46</span> <span>0.00</span>	43.37 <span>-3.44</span> <span>0.00</span>	43.89 <span>-4.29</span> <span>0.00</span>	43.64 <span>-3.93</span> <span>0.00</span>	43.50 <span>-3.99</span> <span>0.00</span>	39.38 <span>-3.96</span> <span>0.00</span>	46.18 <span>-4.87</span> <span>0.00</span>	44.68 <span>-4.39</span> <span>0.00</span>	37.00 <span>-3.99</span> <span>0.00</span>	35.06 <span>-4.03</span> <span>0.00</span>	31.34 <span>-4.11</span> <span>0.00</span>