

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/31/2003

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	30.90	34.00	30.46	29.09	30.28	33.11	44.53	50.69	51.32	50.03	50.10	48.58	46.26	46.62	45.76	45.68	48.43	56.27	53.66	50.75	45.88	41.86	38.34	36.84
61757	1.52	1.41	1.39	1.43	1.42	1.66	2.02	2.35	2.60	2.62	2.69	2.66	2.47	2.52	2.42	2.47	2.55	2.79	2.52	2.52	2.26	2.20	1.90	1.75
	0.00	-4.97	-1.31	0.00	-1.39	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	28.68	26.98	26.93	26.78	26.71	30.72	41.93	47.95	47.96	46.69	46.51	45.01	43.01	43.22	42.56	42.37	44.95	52.94	50.66	47.47	42.71	38.43	35.54	33.86
61754	-0.70	-0.87	-0.89	-0.88	-0.82	-0.73	-0.58	-0.39	-0.76	-0.72	-0.90	-0.91	-0.78	-0.88	-0.78	-0.84	-0.93	-0.54	-0.48	-0.76	-0.91	-1.23	-0.90	-1.23
	0.00	-0.23	-0.06	0.00	-0.06	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	31.66	33.25	30.57	29.37	30.29	33.49	45.25	51.00	51.69	50.44	50.59	48.91	46.49	46.91	45.98	45.97	48.78	56.76	54.10	51.32	46.81	42.91	39.36	37.92
61760	1.94	1.74	1.78	1.71	1.73	2.04	2.59	2.61	2.97	3.03	3.18	3.21	2.93	3.04	2.95	3.07	3.21	3.48	3.07	3.09	2.92	2.90	2.51	2.49
	-0.34	-3.89	-1.03	0.00	-1.09	0.00	-0.15	-0.05	0.00	0.00	0.00	0.22	0.23	0.23	0.31	0.31	0.31	0.20	0.11	0.00	-0.27	-0.35	-0.41	-0.34
GENESE	29.07	27.09	27.07	26.99	26.92	31.24	42.15	47.97	47.72	46.39	46.22	44.64	42.93	43.19	42.51	42.31	44.61	53.12	50.85	47.89	42.86	38.20	35.64	33.44
61753	-0.31	-0.75	-0.75	-0.67	-0.61	-0.21	-0.36	-0.37	-1.00	-1.02	-1.19	-1.28	-0.86	-0.91	-0.83	-0.90	-1.27	-0.36	-0.29	-0.34	-0.76	-1.46	-0.80	-1.65
	0.00	-0.22	-0.06	0.00	-0.06	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	29.17	27.56	27.70	27.60	27.36	31.20	42.13	48.10	48.53	47.13	47.17	45.69	43.53	43.88	43.08	42.91	45.60	53.11	50.78	47.89	43.40	39.54	36.26	35.09
61844	-0.21	-0.06	-0.06	-0.06	-0.11	-0.25	-0.34	-0.24	-0.19	-0.28	-0.24	-0.23	-0.26	-0.22	-0.26	-0.30	-0.28	-0.37	-0.36	-0.34	-0.22	-0.12	-0.18	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.04	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	30.86	32.74	30.11	28.96	29.84	33.03	44.47	49.97	50.68	49.46	49.63	48.19	45.85	46.26	45.42	45.39	48.18	55.93	53.15	50.27	45.66	41.90	38.26	37.09
61758	1.48	1.31	1.34	1.30	1.30	1.58	1.96	1.63	1.96	2.05	2.22	2.27	2.06	2.16	2.08	2.18	2.30	2.45	2.01	2.04	2.04	2.24	1.82	2.00
	0.00	-3.81	-1.01	0.00	-1.07	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	32.45	33.89	31.23	30.04	30.94	34.24	45.86	51.45	52.64	52.46	55.05	50.88	48.06	48.63	47.84	47.80	50.38	57.70	54.51	52.27	49.54	49.93	44.34	42.86
61762	2.66	2.37	2.44	2.38	2.38	2.79	3.17	3.06	3.54	3.62	3.69	3.53	3.16	3.46	3.19	3.39	3.57	3.83	3.15	3.61	3.38	3.34	3.13	3.23
	-0.41	-3.90	-1.03	0.00	-1.09	0.00	-0.18	-0.05	-0.38	-1.43	-3.95	-1.43	-1.11	-1.07	-1.31	-1.20	-0.93	-0.39	-0.22	-0.43	-2.54	-6.93	-4.77	-4.54
MHK VL	29.16	27.45	27.53	27.41	27.25	31.24	42.45	48.60	48.62	47.27	47.23	45.71	43.58	43.86	43.10	43.23	45.88	53.83	51.38	48.31	43.62	39.54	36.32	34.80
61756	-0.22	-0.23	-0.25	-0.25	-0.24	-0.21	-0.06	0.26	-0.10	-0.14	-0.18	-0.21	-0.21	-0.24	-0.24	0.02	0.00	0.35	0.24	0.08	0.00	-0.12	-0.12	-0.29
	0.00	-0.06	-0.02	0.00	-0.02	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	30.91	32.79	30.15	28.99	29.89	33.05	44.48	50.18	50.93	49.71	49.85	48.42	46.07	46.48	45.64	45.59	48.40	56.10	53.39	50.55	45.84	42.00	38.41	37.09
61759	1.53	1.35	1.38	1.33	1.35	1.60	1.97	1.84	2.21	2.30	2.44	2.50	2.28	2.38	2.30	2.38	2.52	2.62	2.25	2.32	2.22	2.34	1.97	2.00
	0.00	-3.82	-1.01	0.00	-1.07	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.	48.05	33.59	30.93	29.79	30.70	33.91	52.67	53.86	57.02	58.04	58.79	59.59	59.56	59.59	60.27	60.25	62.46	65.87	59.65	58.02	59.75	59.52	58.78	54.19
61761	2.29	2.05	2.14	2.13	2.14	2.43	3.12	3.19	3.60	3.70	3.85	3.88	3.57	3.68	3.56	3.65	3.85	4.23	3.81	3.68	3.38	3.31	2.91	2.89
	-16.38	-3.92	-1.03	0.00	-1.09	-0.03	-7.04	-2.33	-4.70	-6.93	-7.53	-9.79	-12.20	-11.81	-13.37	-13.39	-12.73	-8.16	-4.70	-6.11	-12.75	-16.55	-19.43	-16.21
NORTH	28.97	27.46	27.62	27.52	27.22	30.96	41.86	47.88	48.44	46.99	47.07	45.54	43.41	43.74	42.96	42.69	45.35	52.85	50.49	47.66	43.30	39.50	36.15	34.91
61755	-0.41	-0.14	-0.14	-0.14	-0.25	-0.49	-0.65	-0.46	-0.28	-0.42	-0.34	-0.38	-0.38	-0.36	-0.38	-0.52	-0.53	-0.63	-0.65	-0.57	-0.32	-0.16	-0.29	-0.18
	0.00	0.02	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	30.91	33.69	30.43	29.10	30.21	33.12	44.43	50.37	51.06	49.78	49.92	48.40	46.07	46.44	45.59	45.50	48.31	55.99	53.39	50.55	45.80	41.84	38.33	36.95
61845	1.53	1.41	1.44	1.44	1.43	1.67	1.96	2.03	2.34	2.37	2.51	2.48	2.28	2.34	2.25	2.29	2.43	2.51	2.25	2.32	2.18	2.18	1.89	1.86
	0.00	-4.66	-1.23	0.00	-1.31	0.00	0.04	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	28.18 <span>-1.20</span> <span>0.00</span>	26.07 <span>-1.80</span> <span>-0.25</span>	26.08 <span>-1.75</span> <span>-0.07</span>	26.00 <span>-1.66</span> <span>0.00</span>	26.00 <span>-1.54</span> <span>-0.07</span>	30.00 <span>-1.45</span> <span>0.00</span>	40.00 <span>-2.47</span> <span>0.04</span>	45.39 <span>-2.95</span> <span>0.00</span>	44.87 <span>-3.85</span> <span>0.00</span>	43.52 <span>-3.89</span> <span>0.00</span>	43.19 <span>-4.22</span> <span>0.00</span>	41.56 <span>-4.36</span> <span>0.00</span>	40.16 <span>-3.63</span> <span>0.00</span>	40.40 <span>-3.70</span> <span>0.00</span>	39.92 <span>-3.42</span> <span>0.00</span>	39.62 <span>-3.59</span> <span>0.00</span>	41.57 <span>-4.31</span> <span>0.00</span>	49.20 <span>-4.28</span> <span>0.00</span>	47.66 <span>-3.48</span> <span>0.00</span>	45.00 <span>-3.23</span> <span>0.00</span>	40.35 <span>-3.27</span> <span>0.00</span>	35.81 <span>-3.85</span> <span>0.00</span>	33.96 <span>-2.48</span> <span>0.00</span>	32.04 <span>-3.05</span> <span>0.00</span>
PJM 61847	20.00 <span>-2.76</span> <span>6.62</span>	17.73 <span>-3.20</span> <span>6.69</span>	17.01 <span>-3.19</span> <span>7.56</span>	17.46 <span>-3.21</span> <span>6.99</span>	17.90 <span>-3.05</span> <span>6.52</span>	28.00 <span>-3.21</span> <span>0.24</span>	40.00 <span>-2.47</span> <span>0.04</span>	47.18 <span>-1.16</span> <span>0.00</span>	45.94 <span>-2.78</span> <span>0.00</span>	44.71 <span>-2.70</span> <span>0.00</span>	44.00 <span>-3.41</span> <span>0.00</span>	42.06 <span>-3.86</span> <span>0.00</span>	40.29 <span>-3.50</span> <span>0.00</span>	40.00 <span>-4.10</span> <span>0.00</span>	40.00 <span>-3.34</span> <span>0.00</span>	39.67 <span>-3.54</span> <span>0.00</span>	42.26 <span>-3.62</span> <span>0.00</span>	51.50 <span>-1.98</span> <span>0.00</span>	50.07 <span>-1.07</span> <span>0.00</span>	45.67 <span>-2.56</span> <span>0.00</span>	40.00 <span>-3.62</span> <span>0.00</span>	35.14 <span>-4.52</span> <span>0.00</span>	25.01 <span>-3.57</span> <span>7.86</span>	20.00 <span>-3.89</span> <span>11.20</span>
WEST 61752	28.01 <span>-1.37</span> <span>0.00</span>	25.99 <span>-1.92</span> <span>-0.29</span>	25.97 <span>-1.87</span> <span>-0.08</span>	25.85 <span>-1.81</span> <span>0.00</span>	25.88 <span>-1.67</span> <span>-0.08</span>	29.80 <span>-1.65</span> <span>0.00</span>	40.20 <span>-2.31</span> <span>0.00</span>	46.17 <span>-2.17</span> <span>0.00</span>	45.47 <span>-3.25</span> <span>0.00</span>	44.14 <span>-3.27</span> <span>0.00</span>	43.73 <span>-3.68</span> <span>0.00</span>	41.93 <span>-3.99</span> <span>0.00</span>	40.48 <span>-3.31</span> <span>0.00</span>	40.59 <span>-3.51</span> <span>0.00</span>	40.19 <span>-3.15</span> <span>0.00</span>	39.89 <span>-3.32</span> <span>0.00</span>	41.95 <span>-3.93</span> <span>0.00</span>	50.05 <span>-3.43</span> <span>0.00</span>	48.57 <span>-2.57</span> <span>0.00</span>	45.51 <span>-2.72</span> <span>0.00</span>	40.59 <span>-3.03</span> <span>0.00</span>	35.87 <span>-3.79</span> <span>0.00</span>	34.00 <span>-2.44</span> <span>0.00</span>	32.05 <span>-3.04</span> <span>0.00</span>