

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/30/1999

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	25.19	19.15	18.14	18.14	17.39	17.39	33.54	34.93	23.80	23.80	23.80	23.80	23.80	23.80	23.80	23.11	31.81	41.75	41.72	40.73	36.89	27.37	35.36	32.79
61757	1.51	1.15	1.09	1.09	1.04	1.04	2.01	2.10	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.39	1.91	2.51	2.51	2.45	2.22	1.64	2.12	1.97
	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	23.08	17.55	16.62	16.62	15.94	15.94	30.73	31.99	21.80	21.80	21.80	21.80	21.80	21.80	21.80	21.17	29.14	38.23	38.20	37.30	33.78	25.08	32.39	30.03
61754	-0.60	-0.45	-0.43	-0.43	-0.41	-0.41	-0.80	-0.84	-0.57	-0.57	-0.57	-0.57	-0.57	-0.57	-0.57	-0.55	-0.76	-1.01	-1.01	-0.98	-0.89	-0.65	-0.85	-0.79
	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	22.80	19.34	18.31	18.31	17.56	17.56	33.87	35.27	18.83	18.56	18.73	18.83	18.83	18.75	18.93	17.76	30.14	42.15	42.12	41.12	37.24	23.93	35.71	32.49
61760	1.76	1.34	1.26	1.26	1.21	1.21	2.34	2.44	1.66	1.66	1.66	1.66	1.66	1.66	1.66	1.61	2.22	2.91	2.91	2.84	2.57	1.91	2.47	2.29
	2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.20	5.47	5.30	5.20	5.20	5.28	5.10	5.57	1.98	0.00	0.00	0.00	0.00	3.71	0.00	0.62
GENESE	22.97	17.47	16.55	16.55	15.87	15.87	30.58	31.84	21.70	21.70	21.70	21.70	21.70	21.70	21.70	21.07	29.00	38.06	38.03	37.13	33.63	24.96	32.24	29.90
61753	-0.71	-0.53	-0.50	-0.50	-0.48	-0.48	-0.95	-0.99	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.67	-0.65	-0.90	-1.18	-1.18	-1.15	-1.04	-0.77	-1.00	-0.92
	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	23.44	17.82	16.88	16.88	16.19	16.19	31.21	32.50	22.15	22.15	22.15	22.15	22.15	22.15	22.15	21.50	29.60	38.84	38.81	37.89	34.32	25.47	32.90	30.51
61844	-0.24	-0.18	-0.17	-0.17	-0.16	-0.16	-0.32	-0.33	-0.22	-0.22	-0.22	-0.22	-0.22	-0.22	-0.22	-0.22	-0.30	-0.40	-0.40	-0.40	-0.35	-0.26	-0.34	-0.31
	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
HUD VL	24.22	19.01	18.00	18.00	17.26	17.26	33.29	34.67	22.09	22.01	22.06	22.09	22.09	22.07	22.12	21.30	30.99	41.43	41.40	40.42	36.61	26.08	35.10	32.36
61758	1.32	1.01	0.95	0.95	0.91	0.91	1.76	1.84	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.21	1.67	2.19	2.19	2.14	1.94	1.44	1.86	1.72
	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53	1.61	1.56	1.53	1.53	1.55	1.50	1.63	0.58	0.00	0.00	0.00	0.00	1.09	0.00	0.18
LONGIL	30.95	19.72	18.68	18.68	17.91	17.91	34.54	35.97	34.37	34.89	34.57	34.37	34.37	34.52	34.17	34.36	36.50	42.99	42.96	41.94	37.98	35.21	36.42	34.95
61762	2.27	1.72	1.63	1.63	1.56	1.56	3.01	3.14	2.14	2.14	2.14	2.14	2.14	2.14	2.14	2.08	2.86	3.75	3.75	3.66	3.31	2.46	3.18	2.92
	-5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.86	-10.38	-10.06	-9.86	-9.86	-10.01	-9.66	-10.56	-3.74	0.00	0.00	0.00	0.00	-7.02	0.00	-1.15
MHK VL	24.03	18.27	17.30	17.30	16.59	16.59	32.00	33.32	22.71	22.71	22.71	22.71	22.71	22.71	22.71	22.04	30.34	39.82	39.79	38.85	35.18	26.11	33.73	31.28
61756	0.35	0.27	0.25	0.25	0.24	0.24	0.47	0.49	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.32	0.44	0.58	0.58	0.57	0.51	0.38	0.49	0.46
	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	22.88	19.04	18.04	18.04	17.30	17.30	33.36	34.74	19.39	19.17	19.31	19.39	19.39	19.33	19.48	18.40	30.01	41.52	41.48	40.50	36.68	24.17	35.17	32.11
61759	1.37	1.04	0.99	0.99	0.95	0.95	1.83	1.91	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.26	1.74	2.28	2.27	2.22	2.01	1.49	1.93	1.79
	2.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.28	4.50	4.36	4.28	4.28	4.34	4.19	4.58	1.63	0.00	0.00	0.00	0.00	3.05	0.00	0.50
N.Y.C.	36.56	30.77	29.94	29.94	29.66	29.66	37.24	37.77	40.26	40.84	41.94	41.84	41.84	41.91	41.75	41.92	41.93	44.67	43.90	43.53	42.05	40.56	39.79	37.54
61761	2.23	1.70	1.61	1.61	1.54	1.54	2.97	3.09	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.05	2.82	3.70	3.69	3.61	3.27	2.42	3.13	2.91
	-10.65	-11.07	-11.28	-11.28	-11.77	-11.77	-2.74	-1.85	-15.78	-16.36	-17.46	-17.36	-17.36	-17.43	-17.27	-18.15	-9.21	-1.73	-1.00	-1.64	-4.11	-12.41	-3.42	-3.81
NORTH	23.50	17.86	16.92	16.92	16.23	16.23	31.28	32.57	22.20	22.20	22.20	22.20	22.20	22.20	22.20	21.55	29.66	38.92	38.89	37.97	34.39	25.52	32.97	30.57
61755	-0.18	-0.14	-0.13	-0.13	-0.12	-0.12	-0.25	-0.26	-0.17	-0.17	-0.17	-0.17	-0.17	-0.17	-0.17	-0.17	-0.24	-0.32	-0.32	-0.31	-0.28	-0.21	-0.27	-0.25
	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	24.65	18.74	17.75	17.75	17.02	17.02	32.82	34.18	23.29	23.29	23.29	23.29	23.29	23.29	23.29	22.61	31.13	40.85	40.82	39.85	36.09	26.78	34.60	32.08
61845	0.97	0.74	0.70	0.70	0.67	0.67	1.29	1.35	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.89	1.23	1.61	1.61	1.57	1.42	1.05	1.36	1.26
	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

PJH 61846	22.02 <span>-1.66</span> <span>0.00</span>	16.74 <span>-1.26</span> <span>0.00</span>	15.86 <span>-1.19</span> <span>0.00</span>	15.86 <span>-1.19</span> <span>0.00</span>	15.21 <span>-1.14</span> <span>0.00</span>	15.21 <span>-1.14</span> <span>0.00</span>	29.32 <span>-2.21</span> <span>0.00</span>	30.53 <span>-2.30</span> <span>0.00</span>	20.81 <span>-1.56</span> <span>0.00</span>	20.81 <span>-1.56</span> <span>0.00</span>	20.81 <span>-1.56</span> <span>0.00</span>	20.81 <span>-1.56</span> <span>0.00</span>	20.81 <span>-1.56</span> <span>0.00</span>	20.81 <span>-1.56</span> <span>0.00</span>	20.81 <span>-1.56</span> <span>0.00</span>	20.20 <span>-1.52</span> <span>0.00</span>	27.81 <span>-2.09</span> <span>0.00</span>	36.49 <span>-2.75</span> <span>0.00</span>	36.46 <span>-2.75</span> <span>0.00</span>	35.60 <span>-2.68</span> <span>0.00</span>	32.24 <span>-2.43</span> <span>0.00</span>	23.93 <span>-1.80</span> <span>0.00</span>	30.91 <span>-2.33</span> <span>0.00</span>	28.66 <span>-2.16</span> <span>0.00</span>
PJM 61847	22.42 <span>-1.26</span> <span>0.00</span>	17.05 <span>-0.95</span> <span>0.00</span>	16.15 <span>-0.90</span> <span>0.00</span>	16.15 <span>-0.90</span> <span>0.00</span>	15.48 <span>-0.87</span> <span>0.00</span>	15.48 <span>-0.87</span> <span>0.00</span>	29.85 <span>-1.68</span> <span>0.00</span>	31.08 <span>-1.75</span> <span>0.00</span>	21.18 <span>-1.19</span> <span>0.00</span>	21.18 <span>-1.19</span> <span>0.00</span>	21.18 <span>-1.19</span> <span>0.00</span>	21.18 <span>-1.19</span> <span>0.00</span>	21.18 <span>-1.19</span> <span>0.00</span>	21.18 <span>-1.19</span> <span>0.00</span>	21.18 <span>-1.19</span> <span>0.00</span>	20.57 <span>-1.15</span> <span>0.00</span>	28.31 <span>-1.59</span> <span>0.00</span>	37.15 <span>-2.09</span> <span>0.00</span>	37.12 <span>-2.09</span> <span>0.00</span>	36.24 <span>-2.04</span> <span>0.00</span>	32.82 <span>-1.85</span> <span>0.00</span>	24.36 <span>-1.37</span> <span>0.00</span>	31.47 <span>-1.77</span> <span>0.00</span>	29.18 <span>-1.64</span> <span>0.00</span>
WEST 61752	22.02 <span>-1.66</span> <span>0.00</span>	16.74 <span>-1.26</span> <span>0.00</span>	15.86 <span>-1.19</span> <span>0.00</span>	15.86 <span>-1.19</span> <span>0.00</span>	15.21 <span>-1.14</span> <span>0.00</span>	15.21 <span>-1.14</span> <span>0.00</span>	29.31 <span>-2.22</span> <span>0.00</span>	30.52 <span>-2.31</span> <span>0.00</span>	20.80 <span>-1.57</span> <span>0.00</span>	20.80 <span>-1.57</span> <span>0.00</span>	20.80 <span>-1.57</span> <span>0.00</span>	20.80 <span>-1.57</span> <span>0.00</span>	20.80 <span>-1.57</span> <span>0.00</span>	20.80 <span>-1.57</span> <span>0.00</span>	20.80 <span>-1.57</span> <span>0.00</span>	20.20 <span>-1.52</span> <span>0.00</span>	27.79 <span>-2.11</span> <span>0.00</span>	36.47 <span>-2.77</span> <span>0.00</span>	36.44 <span>-2.77</span> <span>0.00</span>	35.58 <span>-2.70</span> <span>0.00</span>	32.23 <span>-2.44</span> <span>0.00</span>	23.92 <span>-1.81</span> <span>0.00</span>	30.90 <span>-2.34</span> <span>0.00</span>	28.65 <span>-2.17</span> <span>0.00</span>