

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

12/15/1999

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	18.05	16.74	16.46	16.24	16.58	17.68	25.65	24.42	23.05	22.53	20.04	20.04	19.64	19.64	19.33	19.33	19.73	26.82	24.84	28.56	25.65	20.95	21.84	19.90
61757	0.82	0.76	0.75	0.74	0.75	0.80	1.17	1.11	1.05	1.02	0.91	0.91	0.89	0.89	0.88	0.88	0.90	1.22	1.13	1.30	1.17	0.95	0.99	0.91
	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	16.83	15.61	15.35	15.15	15.47	16.49	23.91	22.77	21.49	21.01	18.69	18.69	18.32	18.32	18.02	18.02	18.39	25.00	23.16	26.62	23.91	19.54	20.37	18.55
61754	-0.40	-0.37	-0.36	-0.35	-0.36	-0.39	-0.57	-0.54	-0.51	-0.50	-0.44	-0.44	-0.43	-0.43	-0.43	-0.43	-0.44	-0.60	-0.55	-0.64	-0.57	-0.46	-0.48	-0.44
	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	16.00	14.22	13.84	13.53	14.26	15.51	26.33	24.66	20.07	18.54	15.14	15.14	14.60	14.60	14.18	14.18	14.72	24.37	21.67	28.10	26.33	19.90	21.15	18.45
61760	1.30	1.21	1.19	1.17	1.20	1.28	1.85	1.76	1.67	1.63	1.45	1.45	1.42	1.42	1.40	1.40	1.43	1.94	1.79	2.06	1.85	1.51	1.58	1.44
	2.53	2.97	3.06	3.14	2.77	2.65	0.00	0.41	3.60	4.60	5.44	5.44	5.57	5.57	5.67	5.67	5.54	3.17	3.83	1.22	0.00	1.61	1.28	1.98
GENESE	16.69	15.48	15.22	15.02	15.34	16.35	23.71	22.57	21.30	20.83	18.53	18.53	18.16	18.16	17.87	17.87	18.24	24.79	22.96	26.39	23.71	19.37	20.19	18.39
61753	-0.54	-0.50	-0.49	-0.48	-0.49	-0.53	-0.77	-0.74	-0.70	-0.68	-0.60	-0.60	-0.59	-0.59	-0.58	-0.58	-0.59	-0.81	-0.75	-0.87	-0.77	-0.63	-0.66	-0.60
	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	17.01	15.78	15.51	15.30	15.63	16.66	24.16	23.01	21.72	21.23	18.88	18.88	18.51	18.51	18.21	18.21	18.59	25.27	23.40	26.90	24.16	19.74	20.58	18.75
61844	-0.22	-0.20	-0.20	-0.20	-0.20	-0.22	-0.32	-0.30	-0.28	-0.28	-0.25	-0.25	-0.24	-0.24	-0.24	-0.24	-0.24	-0.33	-0.31	-0.36	-0.32	-0.26	-0.27	-0.24
	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	17.48	16.04	15.73	15.48	15.94	17.08	25.89	24.53	22.23	21.42	18.65	18.65	18.22	18.22	17.87	17.87	18.32	26.15	23.97	28.47	25.89	20.68	21.67	19.50
61758	0.99	0.92	0.91	0.89	0.91	0.97	1.41	1.34	1.27	1.24	1.10	1.10	1.08	1.08	1.06	1.06	1.09	1.47	1.37	1.57	1.41	1.15	1.20	1.09
	0.74	0.86	0.89	0.91	0.80	0.77	0.00	0.12	1.04	1.33	1.58	1.58	1.61	1.61	1.64	1.64	1.60	0.92	1.11	0.36	0.00	0.47	0.38	0.58
LONGIL	29.08	28.40	28.14	28.08	28.08	28.79	29.45	30.88	34.19	34.18	76.51	63.81	38.20	34.15	34.14	63.82	76.51	129.86	129.83	129.87	88.20	76.46	34.13	30.27
61762	1.67	1.54	1.52	1.50	1.53	1.63	2.37	2.25	2.13	2.08	1.85	1.85	1.81	1.81	1.79	1.79	1.82	2.48	2.29	2.64	2.37	1.93	2.01	1.83
	-10.18	-10.88	-10.91	-11.08	-10.72	-10.28	-2.60	-5.32	-10.06	-10.59	-55.53	-42.83	-17.64	-13.59	-13.90	-43.58	-55.86	-101.78	-103.83	-99.97	-61.35	-54.53	-11.27	-9.45
MHK VL	17.40	16.14	15.87	15.65	15.99	17.05	24.72	23.54	22.22	21.73	19.32	19.32	18.94	18.94	18.63	18.63	19.02	25.85	23.95	27.53	24.72	20.20	21.06	19.18
61756	0.17	0.16	0.16	0.15	0.16	0.17	0.24	0.23	0.22	0.22	0.19	0.19	0.19	0.19	0.18	0.18	0.19	0.25	0.24	0.27	0.24	0.20	0.21	0.19
	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	16.24	14.56	14.19	13.91	14.56	15.77	25.96	24.39	20.44	19.11	15.91	15.91	15.41	15.41	15.01	15.01	15.52	24.60	22.07	27.92	25.96	19.92	21.08	18.54
61759	1.04	0.96	0.94	0.93	0.95	1.02	1.48	1.41	1.33	1.30	1.15	1.15	1.13	1.13	1.11	1.11	1.14	1.54	1.43	1.64	1.48	1.21	1.26	1.14
	2.03	2.38	2.46	2.52	2.22	2.13	0.00	0.33	2.89	3.70	4.37	4.37	4.47	4.47	4.55	4.55	4.45	2.54	3.07	0.98	0.00	1.29	1.03	1.59
N.Y.C.	27.52	26.79	26.79	26.78	26.52	26.82	27.74	27.97	41.14	42.02	41.84	41.84	41.84	41.84	41.82	41.82	44.80	44.93	41.95	43.55	41.22	38.21	38.21	27.92
61761	1.61	1.49	1.47	1.45	1.48	1.58	2.29	2.18	2.05	2.01	1.79	1.79	1.75	1.75	1.72	1.72	1.76	2.39	2.22	2.55	2.29	1.87	1.95	1.77
	-8.68	-9.32	-9.61	-9.83	-9.21	-8.36	-0.97	-2.48	-17.09	-18.50	-20.92	-20.92	-21.34	-21.34	-21.65	-21.65	-24.21	-16.94	-16.02	-13.74	-14.45	-16.34	-15.41	-7.16
NORTH	17.02	15.79	15.52	15.32	15.64	16.68	24.18	23.02	21.74	21.25	18.90	18.90	18.53	18.53	18.23	18.23	18.60	25.28	23.42	26.93	24.18	19.75	20.60	18.76
61755	-0.21	-0.19	-0.19	-0.18	-0.19	-0.20	-0.30	-0.29	-0.26	-0.26	-0.23	-0.23	-0.22	-0.22	-0.22	-0.22	-0.23	-0.32	-0.29	-0.33	-0.30	-0.25	-0.25	-0.23
	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	17.73	16.45	16.17	15.95	16.29	17.37	25.20	23.99	22.64	22.14	19.69	19.69	19.30	19.30	18.99	18.99	19.38	26.35	24.40	28.06	25.20	20.59	21.46	19.55
61845	0.50	0.47	0.46	0.45	0.46	0.49	0.72	0.68	0.64	0.63	0.56	0.56	0.55	0.55	0.54	0.54	0.55	0.75	0.69	0.80	0.72	0.59	0.61	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

H 61846	16.44 <span>-0.79</span> <span>0.00</span>	15.25 <span>-0.73</span> <span>0.00</span>	14.99 <span>-0.72</span> <span>0.00</span>	14.79 <span>-0.71</span> <span>0.00</span>	15.47 <span>-0.72</span> <span>0.00</span>	16.11 <span>-0.77</span> <span>0.00</span>	23.36 <span>-1.12</span> <span>0.00</span>	22.24 <span>-1.07</span> <span>0.00</span>	20.99 <span>-1.01</span> <span>0.00</span>	20.52 <span>-0.99</span> <span>0.00</span>	18.25 <span>-0.88</span> <span>0.00</span>	18.25 <span>-0.88</span> <span>0.00</span>	17.89 <span>-0.86</span> <span>0.00</span>	17.89 <span>-0.86</span> <span>0.00</span>	17.60 <span>-0.85</span> <span>0.00</span>	17.60 <span>-0.85</span> <span>0.00</span>	17.97 <span>-0.86</span> <span>0.00</span>	24.42 <span>-1.18</span> <span>0.00</span>	22.62 <span>-1.09</span> <span>0.00</span>	26.01 <span>-1.25</span> <span>0.00</span>	23.36 <span>-1.12</span> <span>0.00</span>	19.08 <span>-0.92</span> <span>0.00</span>	19.89 <span>-0.96</span> <span>0.00</span>	18.12 <span>-0.87</span> <span>0.00</span>
PJM 61847	16.59 <span>-0.64</span> <span>0.00</span>	15.39 <span>-0.59</span> <span>0.00</span>	15.13 <span>-0.58</span> <span>0.00</span>	14.93 <span>-0.57</span> <span>0.00</span>	15.24 <span>-0.59</span> <span>0.00</span>	16.25 <span>-0.63</span> <span>0.00</span>	23.57 <span>-0.91</span> <span>0.00</span>	22.44 <span>-0.87</span> <span>0.00</span>	21.18 <span>-0.82</span> <span>0.00</span>	20.71 <span>-0.80</span> <span>0.00</span>	18.42 <span>-0.71</span> <span>0.00</span>	18.42 <span>-0.71</span> <span>0.00</span>	18.05 <span>-0.70</span> <span>0.00</span>	18.05 <span>-0.70</span> <span>0.00</span>	17.76 <span>-0.69</span> <span>0.00</span>	17.76 <span>-0.69</span> <span>0.00</span>	18.13 <span>-0.70</span> <span>0.00</span>	24.64 <span>-0.96</span> <span>0.00</span>	22.83 <span>-0.88</span> <span>0.00</span>	26.24 <span>-1.02</span> <span>0.00</span>	23.57 <span>-0.91</span> <span>0.00</span>	19.26 <span>-0.74</span> <span>0.00</span>	20.07 <span>-0.78</span> <span>0.00</span>	18.28 <span>-0.71</span> <span>0.00</span>
WEST 61752	16.50 <span>-0.73</span> <span>0.00</span>	15.31 <span>-0.67</span> <span>0.00</span>	15.05 <span>-0.66</span> <span>0.00</span>	14.85 <span>-0.65</span> <span>0.00</span>	15.16 <span>-0.67</span> <span>0.00</span>	16.17 <span>-0.71</span> <span>0.00</span>	23.44 <span>-1.04</span> <span>0.00</span>	22.32 <span>-0.99</span> <span>0.00</span>	21.06 <span>-0.94</span> <span>0.00</span>	20.60 <span>-0.91</span> <span>0.00</span>	18.32 <span>-0.81</span> <span>0.00</span>	18.32 <span>-0.81</span> <span>0.00</span>	17.96 <span>-0.79</span> <span>0.00</span>	17.96 <span>-0.79</span> <span>0.00</span>	17.67 <span>-0.78</span> <span>0.00</span>	17.67 <span>-0.78</span> <span>0.00</span>	18.03 <span>-0.80</span> <span>0.00</span>	24.51 <span>-1.09</span> <span>0.00</span>	22.70 <span>-1.01</span> <span>0.00</span>	26.10 <span>-1.16</span> <span>0.00</span>	23.44 <span>-1.04</span> <span>0.00</span>	19.16 <span>-0.84</span> <span>0.00</span>	19.97 <span>-0.88</span> <span>0.00</span>	18.19 <span>-0.80</span> <span>0.00</span>