

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/02/2004

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	51.89	49.38	45.34	37.90	39.02	43.69	45.86	46.68	49.91	52.54	58.32	60.11	61.49	65.02	66.85	70.23	70.12	65.57	56.65	54.83	57.14	57.33	46.23	54.37
61757	3.50	2.87	2.63	2.36	2.37	2.76	2.84	2.71	3.13	3.19	3.59	3.74	3.98	4.43	4.49	4.73	4.77	4.24	3.58	3.61	3.68	3.90	3.02	3.31
	0.00	-5.64	-2.86	-0.24	-1.27	-0.03	-1.22	0.00	0.00	0.00	0.00	0.00	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	46.57	39.87	37.98	33.70	33.92	39.06	40.37	42.68	45.74	48.51	53.81	55.40	56.71	59.71	61.68	64.57	64.34	60.60	52.07	50.16	52.53	52.78	42.65	49.61
61754	-1.82	-1.54	-1.89	-1.62	-1.58	-1.84	-1.55	-1.29	-1.04	-0.84	-0.92	-0.97	-0.80	-0.88	-0.68	-0.93	-1.01	-0.73	-1.00	-1.06	-0.93	-0.65	-0.56	-1.45
	0.00	-0.54	-0.02	-0.02	-0.12	0.00	-0.12	0.00	0.00	0.00	0.00	0.00	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	53.19	49.44	45.71	38.62	39.48	44.45	47.26	49.14	52.01	54.22	60.46	62.38	64.03	67.51	69.63	73.69	73.59	68.64	58.76	56.58	59.29	59.48	48.95	56.36
61760	4.60	3.84	3.47	3.14	3.11	3.52	4.10	4.84	5.33	5.43	6.02	6.20	6.67	7.21	7.48	8.25	8.30	7.36	6.05	5.79	5.93	6.14	5.01	4.85
	-0.20	-4.73	-2.39	-0.18	-0.99	-0.03	-1.36	-0.33	0.10	0.56	0.29	0.19	0.15	0.29	0.21	0.06	0.06	0.05	0.36	0.43	0.10	0.09	-0.73	-0.45
GENESE	45.32	39.08	36.79	32.53	32.74	37.78	38.85	41.13	44.25	47.09	52.38	53.85	55.14	57.83	59.86	62.50	61.91	58.44	49.96	48.16	50.75	51.50	41.59	48.36
61753	-3.07	-2.33	-3.06	-2.79	-2.76	-3.12	-3.09	-2.84	-2.53	-2.26	-2.35	-2.52	-2.37	-2.76	-2.50	-3.00	-3.44	-2.89	-3.11	-3.06	-2.71	-1.93	-1.62	-2.70
	0.00	-0.54	0.00	-0.02	-0.12	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	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	47.57	40.18	39.45	34.91	35.03	39.92	41.58	42.96	45.52	48.02	53.25	54.79	55.90	58.83	60.49	63.54	63.39	59.55	51.58	49.84	51.96	51.61	41.78	50.14
61844	-0.82	-0.69	-0.40	-0.39	-0.35	-0.41	-0.67	-1.01	-1.26	-1.33	-1.48	-1.58	-1.61	-1.76	-1.87	-1.96	-1.96	-1.78	-1.49	-1.38	-1.50	-1.82	-1.43	-0.92
	0.00	0.00	0.00	0.00	0.00	0.57	-0.45	0.00	0.00	0.00	0.00	0.00	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	51.85	48.09	44.78	37.83	38.64	43.46	45.85	47.91	51.16	53.81	59.65	61.47	63.08	66.65	68.67	72.46	72.40	67.51	58.16	56.08	58.36	58.47	47.25	54.77
61758	3.46	2.86	2.56	2.35	2.28	2.53	3.10	3.94	4.38	4.46	4.92	5.10	5.57	6.06	6.31	6.96	7.05	6.18	5.09	4.86	4.90	5.04	4.04	3.71
	0.00	-4.36	-2.37	-0.18	-0.98	-0.03	-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
LONGIL	57.23	55.66	52.33	51.70	51.42	51.46	52.91	58.16	61.07	67.23	71.27	73.88	81.06	85.01	87.77	88.52	88.25	87.81	84.58	76.73	74.44	75.42	71.40	63.36
61762	5.81	4.79	4.40	3.99	3.97	4.46	5.05	5.78	6.12	6.04	6.46	6.92	7.43	8.05	8.46	9.23	9.30	8.31	6.82	6.45	6.60	6.87	5.54	5.50
	-3.03	-10.00	-8.08	-12.41	-12.07	-6.10	-6.06	-8.41	-8.17	-11.84	-10.08	-10.59	-16.12	-16.37	-16.95	-13.79	-13.60	-18.17	-24.69	-19.06	-14.38	-15.12	-22.65	-6.80
MHK VL	48.58	41.17	39.95	35.36	35.49	41.05	42.15	44.28	47.41	50.10	55.61	57.25	58.48	61.68	63.52	66.66	66.52	62.47	53.94	51.96	54.32	54.29	43.88	51.61
61756	0.19	0.11	0.06	0.05	0.07	0.15	0.31	0.31	0.63	0.75	0.88	0.88	0.97	1.09	1.16	1.16	1.17	1.14	0.87	0.74	0.86	0.86	0.67	0.55
	0.00	-0.19	-0.04	-0.01	-0.04	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
MILLWD	52.44	48.72	45.11	38.11	38.96	43.81	46.51	48.43	51.33	53.59	59.65	61.51	63.08	66.53	68.65	72.58	72.51	67.60	57.98	55.90	58.45	58.62	48.10	55.47
61759	3.89	3.23	2.89	2.63	2.60	2.88	3.45	4.20	4.63	4.68	5.14	5.29	5.69	6.17	6.45	7.13	7.21	6.31	5.20	5.01	5.07	5.26	4.32	4.06
	-0.16	-4.62	-2.37	-0.18	-0.98	-0.03	-1.26	-0.26	0.08	0.44	0.22	0.15	0.12	0.23	0.16	0.05	0.05	0.04	0.29	0.33	0.08	0.07	-0.57	-0.35
N.Y.C.	64.91	62.84	56.46	52.55	52.84	55.81	63.96	65.09	66.76	79.64	86.47	86.83	87.17	89.15	94.70	94.07	103.53	90.19	86.60	79.66	76.49	76.46	72.31	70.88
61761	5.29	4.43	4.04	3.63	3.61	4.06	4.66	5.48	5.97	6.05	6.67	6.90	7.37	7.99	8.31	9.11	9.14	8.17	6.75	6.46	6.64	6.92	5.63	5.53
	-11.23	-17.54	-12.57	-13.62	-13.85	-10.85	-17.50	-15.64	-14.01	-24.24	-25.07	-23.56	-22.29	-20.57	-24.03	-19.46	-29.04	-20.69	-26.78	-21.98	-16.39	-16.11	-23.47	-14.29
NORTH	46.76	39.53	39.05	34.52	34.60	40.04	40.58	42.53	44.97	47.39	52.53	54.05	55.08	58.05	59.61	62.61	62.53	58.71	50.94	49.16	51.26	50.73	41.07	49.24
61755	-1.63	-1.34	-0.80	-0.78	-0.78	-0.86	-1.22	-1.44	-1.81	-1.96	-2.20	-2.32	-2.43	-2.54	-2.75	-2.89	-2.82	-2.62	-2.13	-2.06	-2.20	-2.70	-2.14	-1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	51.83	48.94	45.17	37.89	38.89	43.03	46.31	47.27	50.38	53.00	58.78	60.60	62.05	65.56	67.47	71.00	70.90	66.24	57.21	55.22	57.52	57.65	46.62	54.43
61845	3.44	2.86	2.63	2.37	2.34	2.66	2.93	3.30	3.60	3.65	4.05	4.23	4.54	4.97	5.11	5.50	5.55	4.91	4.14	4.00	4.06	4.22	3.41	3.37
	0.00	-5.21	-2.69	-0.22	-1.17	0.53	-1.58	0.00	0.00	0.00	0.00	0.00	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	42.53 <span>-5.86</span> <span>0.00</span>	36.99 <span>-4.50</span> <span>-0.62</span>	33.99 <span>-5.86</span> <span>0.00</span>	30.00 <span>-5.33</span> <span>-0.03</span>	30.21 <span>-5.31</span> <span>-0.14</span>	34.25 <span>-6.09</span> <span>0.56</span>	35.71 <span>-6.40</span> <span>-0.31</span>	38.21 <span>-5.76</span> <span>0.00</span>	41.21 <span>-5.57</span> <span>0.00</span>	43.72 <span>-5.63</span> <span>0.00</span>	48.27 <span>-6.46</span> <span>0.00</span>	49.66 <span>-6.71</span> <span>0.00</span>	51.64 <span>-5.87</span> <span>0.00</span>	54.05 <span>-6.54</span> <span>0.00</span>	56.06 <span>-6.30</span> <span>0.00</span>	58.30 <span>-7.20</span> <span>0.00</span>	57.84 <span>-7.51</span> <span>0.00</span>	54.95 <span>-6.38</span> <span>0.00</span>	46.75 <span>-6.32</span> <span>0.00</span>	45.23 <span>-5.99</span> <span>0.00</span>	47.42 <span>-6.04</span> <span>0.00</span>	48.73 <span>-4.70</span> <span>0.00</span>	39.28 <span>-3.93</span> <span>0.00</span>	45.44 <span>-5.62</span> <span>0.00</span>
PJM 61847	44.03 <span>-4.36</span> <span>0.00</span>	38.15 <span>-3.76</span> <span>-1.04</span>	34.68 <span>-5.18</span> <span>-0.01</span>	30.89 <span>-4.45</span> <span>-0.04</span>	31.22 <span>-4.39</span> <span>-0.23</span>	34.90 <span>-5.44</span> <span>0.56</span>	37.99 <span>-4.35</span> <span>-0.54</span>	41.38 <span>-2.59</span> <span>0.00</span>	44.58 <span>-2.20</span> <span>0.00</span>	47.57 <span>-1.78</span> <span>0.00</span>	52.65 <span>-2.08</span> <span>0.00</span>	54.57 <span>-1.80</span> <span>0.00</span>	57.57 <span>0.06</span> <span>0.00</span>	61.32 <span>0.73</span> <span>0.00</span>	64.73 <span>2.37</span> <span>0.00</span>	67.46 <span>1.96</span> <span>0.00</span>	66.98 <span>1.63</span> <span>0.00</span>	63.42 <span>2.09</span> <span>0.00</span>	52.38 <span>-0.69</span> <span>0.00</span>	49.84 <span>-1.38</span> <span>0.00</span>	52.87 <span>-0.59</span> <span>0.00</span>	53.16 <span>-0.27</span> <span>0.00</span>	42.00 <span>-1.21</span> <span>0.00</span>	47.18 <span>-3.88</span> <span>0.00</span>
WEST 61752	42.83 <span>-5.56</span> <span>0.00</span>	37.23 <span>-4.32</span> <span>-0.68</span>	34.12 <span>-5.73</span> <span>0.00</span>	30.15 <span>-5.18</span> <span>-0.03</span>	30.38 <span>-5.15</span> <span>-0.15</span>	34.91 <span>-5.99</span> <span>0.00</span>	35.67 <span>-6.02</span> <span>0.11</span>	38.88 <span>-5.09</span> <span>0.00</span>	41.99 <span>-4.79</span> <span>0.00</span>	44.65 <span>-4.70</span> <span>0.00</span>	49.33 <span>-5.40</span> <span>0.00</span>	50.83 <span>-5.54</span> <span>0.00</span>	53.09 <span>-4.42</span> <span>0.00</span>	55.77 <span>-4.82</span> <span>0.00</span>	58.13 <span>-4.23</span> <span>0.00</span>	60.39 <span>-5.11</span> <span>0.00</span>	59.90 <span>-5.45</span> <span>0.00</span>	56.90 <span>-4.43</span> <span>0.00</span>	48.01 <span>-5.06</span> <span>0.00</span>	46.26 <span>-4.96</span> <span>0.00</span>	48.62 <span>-4.84</span> <span>0.00</span>	49.79 <span>-3.64</span> <span>0.00</span>	39.97 <span>-3.24</span> <span>0.00</span>	45.88 <span>-5.18</span> <span>0.00</span>