

## Day Ahead Market Zonal LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/24/2003

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	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	35.12	30.54	28.69	28.63	28.56	34.86	46.11	49.16	52.73	55.78	57.75	54.92	52.09	52.14	50.45	47.66	45.97	45.79	46.71	54.20	57.52	47.97	41.03	37.70
61757	1.20	0.97	0.82	0.82	0.81	1.19	1.71	1.44	1.85	2.04	2.14	2.17	1.87	1.83	1.70	1.61	1.59	1.49	1.56	1.94	2.21	1.71	1.46	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.58
CENTRL	32.51	28.33	26.68	26.62	26.58	32.32	42.81	46.75	50.06	52.67	54.46	51.44	49.25	49.41	47.49	44.76	43.13	43.03	43.78	51.16	54.42	45.37	38.51	33.33
61754	-1.41	-1.24	-1.19	-1.19	-1.17	-1.35	-1.59	-0.97	-0.82	-1.07	-1.15	-1.31	-0.97	-0.90	-1.26	-1.29	-1.25	-1.27	-1.37	-1.10	-0.89	-0.89	-1.06	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.74	31.85	29.88	29.81	29.69	36.40	48.00	51.35	55.31	58.43	60.56	57.82	54.96	55.06	53.28	50.55	48.89	48.61	49.47	57.02	60.51	50.52	43.63	39.09
61760	2.82	2.28	2.01	2.00	1.94	2.73	3.60	3.63	4.43	4.68	4.95	4.96	4.52	4.53	4.24	4.10	4.04	3.90	4.02	4.76	5.20	4.26	3.80	3.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.11	-0.22	-0.22	-0.29	-0.40	-0.47	-0.41	-0.30	0.00	0.00	0.00	-0.26	-1.20
GENESE	31.10	27.48	25.90	25.85	25.85	31.41	41.43	45.49	48.39	51.45	52.93	50.04	48.18	48.33	46.25	43.60	42.07	41.93	42.45	49.63	53.01	44.94	38.26	31.74
61753	-2.82	-2.09	-1.97	-1.96	-1.90	-2.26	-2.97	-2.23	-2.49	-2.29	-2.68	-2.71	-2.04	-1.98	-2.50	-2.45	-2.31	-2.37	-2.70	-2.63	-2.30	-1.32	-1.31	-3.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.33	29.33	27.70	27.64	27.58	33.33	43.58	47.30	49.96	52.88	54.72	51.80	49.32	49.35	48.07	45.41	43.71	43.68	44.56	51.32	54.09	46.33	37.07	34.45
61844	-0.34	-0.24	-0.17	-0.17	-0.17	-0.34	-0.62	-0.62	-0.92	-0.86	-0.89	-0.95	-0.90	-0.96	-0.68	-0.64	-0.67	-0.62	-0.59	-0.94	-1.22	-1.02	-0.83	-0.31
	0.25	0.00	0.00	0.00	0.00	0.00	0.20	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.09	1.67	
HUD VL	36.34	31.48	29.56	29.49	29.40	35.96	47.45	50.61	54.48	57.52	59.62	56.80	53.91	53.99	52.20	49.39	47.68	47.46	48.45	56.12	59.54	49.71	42.78	38.66
61758	2.42	1.91	1.69	1.68	1.65	2.29	3.05	2.89	3.60	3.78	4.01	4.05	3.69	3.68	3.45	3.34	3.30	3.16	3.30	3.86	4.23	3.45	3.21	2.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.87	32.76	30.54	30.60	30.30	37.46	48.14	51.55	55.98	59.18	61.85	60.60	55.22	55.24	53.26	50.20	48.50	48.40	53.03	58.35	64.63	51.56	45.79	42.05
61762	3.90	3.19	2.67	2.79	2.55	3.79	3.74	3.83	5.10	5.46	6.24	6.24	5.42	5.35	5.06	4.92	5.02	4.88	5.02	5.89	6.50	5.30	4.80	4.19
	-1.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-1.61	0.42	0.42	0.55	0.77	0.90	0.78	-2.86	-0.20	-2.82	0.00	-1.42	
MHK VL	33.74	29.32	27.70	27.63	27.59	33.44	44.41	47.95	51.19	54.40	56.28	53.16	50.24	50.34	48.69	45.94	44.38	44.40	45.25	52.48	55.64	46.38	39.39	34.63
61756	-0.18	-0.25	-0.17	-0.18	-0.16	-0.23	0.01	0.23	0.31	0.66	0.67	0.41	0.02	0.03	-0.06	-0.11	0.00	0.10	0.10	0.22	0.33	0.12	-0.18	-0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.44	31.59	29.66	29.60	29.48	36.11	47.66	50.94	54.87	57.96	60.08	57.32	54.49	54.56	52.81	50.08	48.42	48.12	48.99	56.51	59.98	50.07	43.22	38.78
61759	2.52	2.02	1.79	1.79	1.73	2.44	3.26	3.22	3.99	4.21	4.47	4.48	4.09	4.07	3.82	3.70	3.66	3.49	3.60	4.25	4.67	3.81	3.44	2.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.09	-0.18	-0.18	-0.24	-0.33	-0.38	-0.33	-0.24	0.00	0.00	0.00	-0.21	-1.19
N.Y.C.	37.23	32.26	30.26	30.19	30.08	36.86	52.46	55.34	58.66	63.20	64.84	65.54	65.67	65.73	65.81	65.86	65.96	64.44	62.61	60.11	62.97	55.24	54.99	49.34
61761	3.31	2.69	2.39	2.38	2.33	3.19	4.25	4.41	5.28	5.51	5.79	5.74	5.29	5.30	4.98	4.78	4.68	4.53	4.66	5.56	6.08	4.96	4.36	3.70
	0.00	0.00	0.00	0.00	0.00	0.00	-3.81	-3.21	-2.50	-3.95	-3.44	-7.05	-10.16	-10.12	-12.08	-15.03	-16.90	-15.61	-12.80	-2.29	-1.58	-4.02	-11.06	-10.88
NORTH	33.04	28.84	27.26	27.21	27.15	32.78	43.10	46.56	49.48	52.32	54.14	51.13	48.61	48.65	47.43	44.80	43.03	43.18	44.11	50.63	53.36	44.40	37.93	34.03
61755	-0.88	-0.73	-0.61	-0.60	-0.60	-0.89	-1.30	-1.16	-1.40	-1.42	-1.47	-1.62	-1.61	-1.66	-1.32	-1.25	-1.35	-1.12	-1.04	-1.63	-1.95	-1.86	-1.64	-0.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.43	31.02	29.12	29.06	28.97	35.39	46.51	49.88	53.32	56.37	58.39	55.55	52.73	52.78	51.09	48.31	46.60	46.43	47.36	54.87	58.24	49.71	40.00	38.18
61845	1.76	1.45	1.25	1.25	1.22	1.72	2.31	1.96	2.44	2.63	2.78	2.80	2.51	2.47	2.34	2.26	2.22	2.13	2.21	2.61	2.93	2.36	2.10	1.98
	0.25	0.00	0.00	0.00	0.00	0.00	0.20	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.09	1.67	-1.44	

PJM 61846	30.07 <del>-3.60</del> 0.25	26.50 <del>-3.07</del> 0.00	25.00 <del>-2.87</del> 0.00	25.00 <del>-2.81</del> 0.00	25.00 <del>-2.75</del> 0.00	30.17 <del>-3.50</del> 0.00	39.18 <del>-5.02</del> 0.20	43.82 <del>-4.10</del> -0.20	46.05 <del>-4.83</del> 0.00	48.63 <del>-5.11</del> 0.00	49.83 <del>-5.78</del> 0.00	47.11 <del>-5.64</del> 0.00	45.75 <del>-4.47</del> 0.00	45.98 <del>-4.33</del> 0.00	43.78 <del>-4.97</del> 0.00	41.26 <del>-4.79</del> 0.00	39.90 <del>-4.48</del> 0.00	39.74 <del>-4.56</del> 0.00	40.05 <del>-5.10</del> 0.00	46.93 <del>-5.33</del> 0.00	50.06 <del>-5.25</del> 0.00	44.30 <del>-3.05</del> -1.09	35.37 <del>-2.53</del> 1.67	29.99 <del>-4.94</del> -0.17
PJM 61847	21.87 <del>-4.34</del> 7.71	20.25 <del>-3.84</del> 5.48	19.84 <del>-3.62</del> 4.41	20.41 <del>-3.64</del> 3.76	20.71 <del>-3.61</del> 3.43	29.43 <del>-4.24</del> 0.00	39.18 <del>-5.02</del> 0.20	45.72 <del>-2.20</del> -0.20	49.86 <del>-1.02</del> 0.00	51.00 <del>-2.74</del> 0.00	52.61 <del>-3.00</del> 0.00	48.95 <del>-3.80</del> 0.00	47.41 <del>-2.81</del> 0.00	48.00 <del>-2.31</del> 0.00	45.00 <del>-3.75</del> 0.00	42.00 <del>-4.05</del> 0.00	40.12 <del>-4.26</del> 0.00	40.00 <del>-4.30</del> 0.00	40.59 <del>-4.56</del> 0.00	49.65 <del>-2.61</del> 0.00	53.04 <del>-2.27</del> 0.00	44.07 <del>-3.28</del> -1.09	33.94 <del>-3.96</del> 1.67	23.00 <del>-4.83</del> 6.93
WEST 61752	30.43 <del>-3.49</del> 0.00	26.54 <del>-3.03</del> 0.00	25.07 <del>-2.80</del> 0.00	25.05 <del>-2.76</del> 0.00	25.06 <del>-2.69</del> 0.00	30.27 <del>-3.40</del> 0.00	39.73 <del>-4.67</del> 0.00	44.49 <del>-3.23</del> 0.00	47.38 <del>-3.50</del> 0.00	49.79 <del>-3.95</del> 0.00	51.05 <del>-4.56</del> 0.00	48.11 <del>-4.64</del> 0.00	46.71 <del>-3.51</del> 0.00	47.03 <del>-3.28</del> 0.00	44.58 <del>-4.17</del> 0.00	41.92 <del>-4.13</del> 0.00	40.44 <del>-3.94</del> 0.00	40.28 <del>-4.02</del> 0.00	40.64 <del>-4.51</del> 0.00	48.06 <del>-4.20</del> 0.00	51.34 <del>-3.97</del> 0.00	43.77 <del>-2.49</del> 0.00	37.25 <del>-2.32</del> 0.00	30.23 <del>-4.72</del> -0.19