

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

10/15/2003

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 61757	28.81	27.32	21.98	22.05	24.10	29.73	43.46	50.02	53.39	53.07	52.88	52.93	52.98	53.56	52.05	50.69	52.41	51.37	54.62	58.26	53.25	50.08	41.38	32.49
	1.12	1.09	0.83	0.88	1.00	1.23	1.75	2.05	2.27	2.35	2.25	2.25	2.26	2.30	2.20	1.86	2.00	2.01	1.97	2.19	1.94	1.81	1.67	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61754	27.13	25.65	20.70	20.73	22.63	27.97	41.25	47.11	50.20	49.83	49.84	49.93	50.00	50.52	49.16	48.02	49.58	48.39	52.01	55.51	50.60	47.27	38.74	30.65
	-0.56	-0.58	-0.45	-0.44	-0.47	-0.53	-0.46	-0.86	-0.92	-0.89	-0.79	-0.75	-0.72	-0.74	-0.69	-0.81	-0.83	-0.97	-0.64	-0.56	-0.71	-1.00	-0.97	-0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61760	29.21	27.72	22.31	22.31	24.39	30.12	44.11	50.61	54.26	54.22	54.31	54.23	54.27	54.81	53.26	51.96	53.62	52.56	55.91	59.49	54.38	51.34	42.56	33.76
	1.52	1.49	1.16	1.14	1.29	1.62	2.21	2.59	3.12	3.50	3.65	3.60	3.60	3.59	3.49	3.13	3.28	3.31	3.26	3.42	3.03	2.99	2.58	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-0.05	-0.02	0.00	-0.03	0.05	0.05	0.04	0.08	0.00	0.07	0.11	0.00	0.00	-0.04	-0.08	-0.27	-0.48
GENESE 61753	28.33	26.68	21.67	21.70	23.68	29.18	42.79	48.95	52.08	51.50	51.45	51.58	51.64	52.25	50.95	49.75	51.31	49.88	53.71	57.61	52.39	49.28	40.44	31.67
	0.64	0.45	0.52	0.53	0.58	0.68	1.08	0.98	0.96	0.78	0.82	0.90	0.92	0.99	1.10	0.92	0.90	0.52	1.06	1.54	1.08	1.01	0.73	0.39
	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	0.00	0.00	0.00	0.00	0.00
H Q 61844	22.41	26.02	21.00	21.02	22.92	28.27	41.45	47.73	50.86	50.47	50.28	50.33	50.36	50.90	49.50	48.54	50.06	49.01	52.33	55.68	51.10	47.98	39.43	31.06
	-0.19	-0.21	-0.15	-0.15	-0.18	-0.23	-0.33	-0.24	-0.26	-0.25	-0.35	-0.35	-0.36	-0.36	-0.35	-0.29	-0.35	-0.35	-0.32	-0.39	-0.21	-0.29	-0.28	-0.22
	5.09	0.00	0.00	0.00	0.00	0.00	-0.07	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
HUD VL 61758	28.68	27.26	21.95	21.94	23.99	29.62	43.08	49.52	53.05	53.05	53.09	53.12	53.14	53.68	52.18	50.84	52.51	51.55	54.67	58.17	53.08	50.20	41.40	32.70
	0.99	1.03	0.80	0.77	0.89	1.12	1.37	1.55	1.93	2.33	2.46	2.44	2.42	2.42	2.33	2.01	2.10	2.19	2.02	2.10	1.77	1.93	1.69	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61762	41.70	29.84	22.79	22.80	24.92	30.77	45.46	51.68	53.61	53.62	53.90	53.81	54.57	54.66	54.33	54.13	54.44	57.97	59.65	61.90	59.75	59.88	51.34	47.50
	2.15	2.06	1.63	1.62	1.81	2.26	3.14	3.87	4.68	4.98	4.99	4.95	4.93	4.97	4.81	4.42	4.58	4.70	4.86	5.01	4.45	4.36	3.60	2.60
	-11.86	-1.55	-0.01	-0.01	-0.01	-0.01	-0.61	0.16	2.19	2.08	1.72	1.82	1.08	1.57	0.33	-0.88	0.55	-3.91	-2.14	-0.82	-3.99	-7.25	-8.03	-13.62
MHK VL 61756	27.74	26.24	21.15	21.18	23.09	28.56	41.94	48.16	51.20	50.79	50.70	50.75	50.80	51.35	49.93	48.90	50.51	49.44	53.15	56.66	51.77	48.61	39.78	31.33
	0.05	0.01	0.00	0.01	-0.01	0.06	0.23	0.19	0.08	0.07	0.07	0.07	0.08	0.09	0.08	0.07	0.10	0.08	0.50	0.59	0.46	0.34	0.07	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61759	28.84	27.36	22.02	22.02	24.07	29.73	43.31	49.81	53.44	53.43	53.49	53.49	53.53	54.05	52.56	51.20	52.90	51.95	55.10	58.62	53.54	50.56	41.70	32.83
	1.15	1.13	0.87	0.85	0.97	1.23	1.60	1.84	2.32	2.71	2.86	2.81	2.81	2.79	2.71	2.37	2.49	2.59	2.45	2.55	2.23	2.29	1.99	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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. 61761	29.58	28.11	22.62	22.62	24.73	30.53	53.69	55.29	57.20	58.25	58.86	59.35	61.25	59.73	59.65	60.64	61.42	59.71	59.13	61.20	57.81	56.65	56.43	56.48
	1.86	1.88	1.47	1.45	1.63	2.03	2.74	3.17	3.75	4.20	4.32	4.36	4.32	4.34	4.21	3.84	3.99	4.02	3.94	4.21	3.63	3.47	2.98	2.32
	-0.03	0.00	0.00	0.00	0.00	0.00	-9.24	-4.15	-2.33	-3.33	-3.91	-4.31	-6.21	-4.13	-5.59	-7.97	-7.02	-6.33	-2.54	-0.92	-2.87	-4.91	-13.74	-22.88
NORTH 61755	27.24	25.71	20.77	20.81	22.59	27.91	40.89	47.39	50.46	50.06	49.87	49.88	49.91	50.49	49.05	48.09	49.65	48.67	52.08	55.59	51.01	47.79	39.08	30.73
	-0.45	-0.52	-0.38	-0.36	-0.51	-0.59	-0.82	-0.58	-0.66	-0.66	-0.76	-0.80	-0.81	-0.77	-0.80	-0.74	-0.76	-0.69	-0.57	-0.48	-0.30	-0.48	-0.63	-0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 61845	23.68	27.31	21.98	22.00	24.05	29.67	43.36	49.84	53.27	53.10	53.06	53.11	53.15	53.67	52.19	50.88	52.58	51.58	54.76	58.31	53.31	50.25	41.46	32.59
	1.08	1.08	0.83	0.83	0.95	1.17	1.58	1.87	2.15	2.38	2.43	2.43	2.43	2.41	2.34	2.05	2.17	2.22	2.11	2.24	2.00	1.98	1.75	1.31
	5.09	0.00	0.00	0.00	0.00	0.00	-0.07	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

PJH 61846	21.71 <del>-0.89</del> 5.09	25.23 <del>-1.00</del> 0.00	20.39 <del>-0.76</del> 0.00	20.41 <del>-0.76</del> 0.00	22.29 <del>-0.81</del> 0.00	27.62 <del>-0.88</del> 0.00	40.11 <del>-1.67</del> <del>-0.07</del>	45.81 <del>-2.16</del> 0.00	48.41 <del>-2.71</del> 0.00	47.52 <del>-3.20</del> 0.00	47.39 <del>-3.24</del> 0.00	47.54 <del>-3.14</del> 0.00	47.58 <del>-3.14</del> 0.00	48.18 <del>-3.08</del> 0.00	47.16 <del>-2.69</del> 0.00	46.00 <del>-2.83</del> 0.00	47.44 <del>-2.97</del> 0.00	46.00 <del>-3.36</del> 0.00	49.54 <del>-3.11</del> 0.00	53.21 <del>-2.86</del> 0.00	48.28 <del>-3.03</del> 0.00	46.00 <del>-2.27</del> 0.00	38.00 <del>-1.71</del> 0.00	30.03 <del>-1.25</del> 0.00
PJM 61847	20.00 <del>-2.60</del> 5.09	16.81 <del>-2.65</del> 6.77	16.37 <del>-2.12</del> 2.66	16.24 <del>-2.12</del> 2.81	16.99 <del>-2.29</del> 3.82	22.34 <del>-2.76</del> 3.40	38.90 <del>-2.88</del> <del>-0.07</del>	44.90 <del>-3.07</del> 0.00	47.90 <del>-3.22</del> 0.00	47.73 <del>-2.99</del> 0.00	48.10 <del>-2.53</del> 0.00	48.25 <del>-2.43</del> 0.00	48.44 <del>-2.28</del> 0.00	49.00 <del>-2.26</del> 0.00	47.66 <del>-2.19</del> 0.00	46.44 <del>-2.39</del> 0.00	47.74 <del>-2.67</del> 0.00	45.91 <del>-3.45</del> 0.00	50.75 <del>-1.90</del> 0.00	54.22 <del>-1.85</del> 0.00	49.10 <del>-2.21</del> 0.00	44.17 <del>-4.10</del> 0.00	26.91 <del>-3.61</del> 9.19	20.00 <del>-2.78</del> 8.50
WEST 61752	26.65 <del>-1.04</del> 0.00	25.04 <del>-1.19</del> 0.00	20.23 <del>-0.92</del> 0.00	20.25 <del>-0.92</del> 0.00	22.13 <del>-0.97</del> 0.00	27.44 <del>-1.06</del> 0.00	39.96 <del>-1.75</del> 0.00	45.88 <del>-2.09</del> 0.00	48.60 <del>-2.52</del> 0.00	47.80 <del>-2.92</del> 0.00	47.77 <del>-2.86</del> 0.00	47.94 <del>-2.74</del> 0.00	48.03 <del>-2.69</del> 0.00	48.62 <del>-2.64</del> 0.00	47.52 <del>-2.33</del> 0.00	46.35 <del>-2.48</del> 0.00	47.75 <del>-2.66</del> 0.00	46.24 <del>-3.12</del> 0.00	50.09 <del>-2.56</del> 0.00	53.76 <del>-2.31</del> 0.00	48.76 <del>-2.55</del> 0.00	45.88 <del>-2.39</del> 0.00	37.87 <del>-1.84</del> 0.00	29.95 <del>-1.33</del> 0.00