

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

--- Scarcity Pricing In Effect (Y/N)

## Zonal Data

07/04/2004

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	
CAPITL	38.75	16.61	10.26	34.94	53.24	25.05	8.23	3.34	21.81	39.54	52.03	48.88	48.77	51.05	54.76	50.25	53.38	50.88	49.13	49.11	49.04	49.07	41.93	29.30
61757	3.25	1.48	0.97	3.62	5.48	2.47	0.75	0.27	1.59	3.08	4.08	3.42	3.63	3.65	3.53	3.08	3.30	3.22	3.27	3.47	3.61	3.75	3.43	2.43
	-1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.33	0.00	-0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	-0.28
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
CENTRL	33.07	14.61	9.00	30.05	45.54	21.68	7.24	2.99	19.70	35.20	46.28	41.93	43.66	45.48	49.62	45.77	48.66	46.36	44.56	44.29	44.08	43.93	36.79	25.81
61754	-1.32	-0.53	-0.30	-1.27	-2.22	-0.90	-0.24	-0.08	-0.52	-1.26	-1.68	-1.41	-1.47	-1.52	-1.61	-1.40	-1.42	-1.30	-1.30	-1.35	-1.35	-1.39	-1.22	-0.81
	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.03
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
DUNWOD	37.07	15.89	9.67	32.38	49.41	23.32	7.71	3.21	21.41	38.88	51.23	48.11	48.42	50.82	55.16	50.75	53.70	50.88	48.73	48.18	47.94	47.96	40.59	28.38
61760	1.85	0.76	0.37	1.06	1.65	0.74	0.24	0.14	1.19	2.43	3.28	3.19	3.29	3.52	3.93	3.57	3.62	3.21	2.87	2.54	2.51	2.63	2.22	1.57
	-0.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.80	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	-0.21
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
GENESE	33.46	14.80	9.15	30.68	46.49	22.15	7.41	3.05	19.92	35.44	46.50	41.93	43.77	45.47	49.63	45.85	48.93	46.88	45.08	44.97	44.78	44.65	37.48	26.26
61753	-0.94	-0.34	-0.15	-0.64	-1.27	-0.43	-0.07	-0.02	-0.30	-1.01	-1.45	-1.42	-1.37	-1.54	-1.60	-1.33	-1.15	-0.78	-0.78	-0.67	-0.65	-0.67	-0.53	-0.36
	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.03
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
H Q	34.02	15.00	9.25	31.17	47.52	22.47	7.45	3.05	19.96	35.93	47.22	42.38	44.40	46.15	50.42	46.46	49.32	47.08	45.35	45.14	43.98	44.79	37.54	26.32
61844	-0.25	-0.13	-0.05	-0.15	-0.24	-0.11	-0.03	-0.02	-0.26	-0.52	-0.74	-0.73	-0.73	-0.81	-0.81	-0.71	-0.75	-0.58	-0.51	-0.50	-0.56	-0.53	-0.42	-0.28
	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77	0.00	0.00	0.00
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
HUD VL	36.36	15.60	9.50	31.90	48.68	22.99	7.60	3.14	20.93	37.99	50.10	47.04	47.35	49.73	53.93	49.59	52.54	49.86	47.83	47.41	47.23	47.14	39.83	27.75
61758	1.15	0.46	0.21	0.58	0.93	0.41	0.12	0.07	0.71	1.54	2.14	2.14	2.21	2.43	2.70	2.42	2.47	2.19	1.97	1.77	1.80	1.82	1.45	0.95
	-0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.78	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	-0.21
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
LONGIL	52.67	42.47	37.36	33.11	50.48	49.48	21.87	10.46	50.31	55.92	62.08	78.79	85.50	73.09	80.93	68.02	61.17	58.72	55.29	54.24	55.30	55.05	53.90	51.25
61762	2.52	1.14	0.60	1.79	2.73	1.32	0.45	0.23	1.65	3.04	3.67	3.58	3.66	3.91	4.35	3.97	4.07	3.63	3.26	2.96	3.01	2.99	2.65	2.03
	-15.87	-26.20	-27.45	0.00	0.00	-25.58	-13.94	-7.17	-28.44	-16.42	-10.46	-32.09	-36.70	-22.21	-25.35	-16.87	-7.02	-7.42	-6.17	-5.64	-6.86	-6.74	-13.29	-22.63
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
MHK VL	35.12	15.49	9.56	32.22	49.09	23.19	7.68	3.14	20.64	37.22	48.95	44.01	46.01	47.87	52.02	47.91	50.87	48.45	46.68	46.52	46.32	46.26	38.86	27.25
61756	0.81	0.36	0.26	0.90	1.33	0.61	0.20	0.07	0.42	0.77	1.00	0.83	0.88	0.89	0.78	0.74	0.79	0.79	0.82	0.88	0.89	0.94	0.88	0.65
	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
MILLWD	36.52	15.65	9.53	31.92	48.70	22.99	7.60	3.16	21.06	38.26	50.42	47.34	47.64	50.01	54.32	49.96	52.88	50.12	48.02	47.50	47.26	47.24	39.97	27.91
61759	1.31	0.51	0.23	0.60	0.94	0.41	0.13	0.09	0.85	1.80	2.47	2.44	2.51	2.72	3.09	2.79	2.80	2.45	2.16	1.86	1.83	1.92	1.60	1.10
	-0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.78	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	-0.21
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
N.Y.C.	56.09	36.53	28.08	47.57	57.71	33.91	27.18	13.97	45.90	54.94	63.75	57.24	69.02	73.74	73.07	71.36	71.80	70.13	54.91	52.70	53.78	57.80	56.90	49.08
61761	2.48	1.03	0.52	1.55	2.36	1.06	0.35	0.21	1.63	3.25	4.32	4.17	4.31	4.55	5.04	4.68	4.76	4.14	3.70	3.27	3.25	3.46	2.95	2.12
	-19.33	-20.36	-18.26	-14.70	-7.60	-10.27	-19.36	-10.69	-24.05	-15.24	-11.47	-9.94	-19.58	-22.22	-16.80	-19.50	-16.97	-18.33	-5.35	-3.79	-5.10	-9.02	-15.98	-20.37
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

NORTH 61755	34.28 <u>0.01</u> 0.01 N	15.11 <u>-0.03</u> 0.00 N	9.33 <u>0.04</u> 0.00 N	31.49 <u>0.17</u> 0.00 N	47.98 <u>0.22</u> 0.00 N	22.67 <u>0.09</u> 0.00 N	7.52 <u>0.04</u> 0.00 N	3.08 <u>0.01</u> 0.00 N	20.09 <u>-0.13</u> 0.00 N	36.16 <u>-0.30</u> 0.00 N	47.48 <u>-0.48</u> 0.00 N	42.56 <u>-0.54</u> 0.02 N	44.61 <u>-0.53</u> 0.00 N	46.35 <u>-0.61</u> 0.00 N	50.58 <u>-0.66</u> 0.00 N	46.62 <u>-0.56</u> 0.00 N	49.50 <u>-0.58</u> 0.00 N	47.29 <u>-0.38</u> 0.00 N	45.58 <u>-0.28</u> 0.00 N	45.39 <u>-0.25</u> 0.00 N	45.16 <u>-0.28</u> 0.00 N	45.10 <u>-0.23</u> 0.00 N	37.85 <u>-0.11</u> 0.01 N	26.53 <u>-0.06</u> 0.00 N
NPX 61845	37.26 <u>1.86</u> <u>-1.12</u> N	15.99 <u>0.86</u> 0.00 N	9.80 <u>0.50</u> 0.00 N	33.34 <u>2.02</u> 0.00 N	50.93 <u>3.17</u> 0.00 N	23.98 <u>1.39</u> 0.00 N	7.87 <u>0.40</u> 0.00 N	3.21 <u>0.14</u> 0.00 N	21.09 <u>0.87</u> 0.00 N	38.23 <u>1.78</u> 0.00 N	50.32 <u>2.36</u> 0.00 N	47.26 <u>1.99</u> <u>-2.14</u> N	47.19 <u>2.06</u> 0.00 N	49.44 <u>2.07</u> <u>-0.40</u> N	53.21 <u>1.98</u> 0.00 N	48.85 <u>1.68</u> 0.00 N	51.84 <u>1.77</u> 0.00 N	49.32 <u>1.66</u> 0.00 N	47.55 <u>1.69</u> 0.00 N	47.44 <u>1.80</u> 0.00 N	47.04 <u>2.50</u> <u>1.77</u> N	47.33 <u>2.00</u> 0.00 N	40.32 <u>1.87</u> <u>-0.50</u> N	28.19 <u>1.34</u> <u>-0.26</u> N
O H 61846	31.01 <u>-3.42</u> <u>-0.15</u> N	13.68 <u>-1.45</u> 0.00 N	8.39 <u>-0.91</u> 0.00 N	27.77 <u>-3.55</u> 0.00 N	42.29 <u>-5.47</u> 0.00 N	20.31 <u>-2.27</u> 0.00 N	6.86 <u>-0.61</u> 0.00 N	2.82 <u>-0.25</u> 0.00 N	18.67 <u>-1.55</u> 0.00 N	32.81 <u>-3.64</u> 0.00 N	43.00 <u>-4.95</u> 0.00 N	39.09 <u>-4.32</u> <u>-0.28</u> N	40.65 <u>-4.49</u> 0.00 N	42.28 <u>-4.73</u> <u>-0.05</u> N	46.54 <u>-4.69</u> 0.00 N	43.40 <u>-3.78</u> 0.00 N	46.24 <u>-3.83</u> 0.00 N	44.19 <u>-3.47</u> 0.00 N	42.36 <u>-3.50</u> 0.00 N	42.31 <u>-3.33</u> 0.00 N	37.41 <u>-7.13</u> <u>1.77</u> N	41.69 <u>-3.63</u> 0.00 N	34.65 <u>-3.38</u> <u>-0.07</u> N	24.25 <u>-2.37</u> <u>-0.03</u> N
PJM 61847	19.99 <u>-6.17</u> <u>21.28</u> N	18.00 <u>-3.88</u> 7.09 N	25.00 <u>-5.07</u> 7.74 N	15.00 <u>-5.99</u> 22.39 N	4.00 <u>-5.88</u> 37.90 N	22.00 <u>-6.19</u> 10.73 N	6.81 <u>-0.67</u> 0.00 N	2.81 <u>-0.26</u> 0.00 N	18.68 <u>-1.54</u> 0.00 N	33.50 <u>-2.95</u> 0.00 N	44.05 <u>-3.90</u> 0.00 N	40.17 <u>-3.34</u> <u>-0.39</u> N	41.62 <u>-3.52</u> 0.00 N	43.52 <u>-3.51</u> <u>-0.07</u> N	47.64 <u>-3.59</u> 0.00 N	44.04 <u>-3.13</u> 0.00 N	46.70 <u>-3.38</u> 0.00 N	44.37 <u>-3.29</u> 0.00 N	42.65 <u>-3.21</u> 0.00 N	42.45 <u>-3.19</u> 0.00 N	40.97 <u>-3.57</u> <u>1.77</u> N	41.95 <u>-3.38</u> 0.00 N	34.97 <u>-3.08</u> <u>-0.09</u> N	24.99 <u>-2.68</u> <u>0.80</u> N
WEST 61752	30.65 <u>-3.78</u> <u>-0.15</u> N	13.54 <u>-1.60</u> 0.00 N	8.26 <u>-1.04</u> 0.00 N	27.45 <u>-3.87</u> 0.00 N	41.81 <u>-5.94</u> 0.00 N	20.06 <u>-2.52</u> 0.00 N	6.78 <u>-0.70</u> 0.00 N	2.79 <u>-0.28</u> 0.00 N	18.49 <u>-1.73</u> 0.00 N	32.43 <u>-4.02</u> 0.00 N	42.44 <u>-5.51</u> 0.00 N	38.61 <u>-4.80</u> <u>-0.28</u> N	40.16 <u>-4.98</u> 0.00 N	41.78 <u>-5.24</u> <u>-0.05</u> N	46.01 <u>-5.22</u> 0.00 N	42.91 <u>-4.26</u> 0.00 N	45.74 <u>-4.33</u> 0.00 N	43.71 <u>-3.95</u> 0.00 N	41.91 <u>-3.94</u> 0.00 N	41.81 <u>-3.83</u> 0.00 N	41.60 <u>-3.83</u> 0.00 N	41.19 <u>-4.13</u> 0.00 N	34.25 <u>-3.78</u> <u>-0.06</u> N	24.00 <u>-2.63</u> <u>-0.03</u> N