

## Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

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

## Zonal Data

07/21/2004

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	46.56	41.29	39.34	42.63	29.45	31.32	44.74	52.10	52.00	53.07	56.00	60.11	59.53	61.46	77.10	88.11	78.06	67.77	55.43	54.58	54.40	53.26	52.78	51.52
61757	2.76	2.58	2.71	3.26	2.24	2.17	3.05	2.20	2.30	2.32	2.02	1.63	1.48	1.38	1.49	1.31	1.10	1.06	0.96	1.36	1.77	1.92	1.59	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	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
CENTRL	42.85	37.83	35.79	38.39	26.60	28.51	40.53	41.99	48.45	49.59	52.97	57.65	57.36	59.54	75.01	86.36	76.78	66.45	54.16	52.74	52.03	50.72	50.56	48.94
61754	-0.95	-0.88	-0.84	-0.98	-0.61	-0.65	-1.17	-1.18	-1.25	-1.15	-1.00	-0.83	-0.69	-0.55	-0.60	-0.44	-0.18	-0.26	-0.31	-0.48	-0.59	-0.62	-0.62	-0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	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
DUNWOD	46.10	40.56	38.30	40.87	28.21	30.47	44.06	51.45	53.52	54.58	58.33	63.24	63.11	65.34	81.99	94.40	83.66	72.43	58.91	57.25	56.55	55.05	54.76	52.64
61760	2.31	1.85	1.67	1.50	1.00	1.31	2.36	3.20	3.82	3.84	4.36	4.76	5.06	5.26	6.38	7.55	6.70	5.73	4.44	4.03	3.92	3.71	3.58	3.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.77	0.00	0.00	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
	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	43.07	38.07	36.14	38.94	26.97	28.72	40.89	41.79	48.06	49.25	52.61	57.33	57.08	59.15	74.60	85.74	76.22	65.82	53.73	52.54	51.80	50.61	50.46	49.40
61753	-0.73	-0.64	-0.49	-0.43	-0.24	-0.44	-0.81	-1.41	-1.64	-1.49	-1.36	-1.14	-0.97	-0.93	-1.01	-1.11	-0.73	-0.88	-0.74	-0.68	-0.82	-0.73	-0.73	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.72	0.00	0.00	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
	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	43.13	38.18	36.08	38.93	26.89	28.78	41.15	41.67	48.84	49.98	53.18	57.59	56.96	55.48	58.24	78.41	74.79	64.87	53.16	52.00	51.43	50.32	52.00	52.00
61844	-0.67	-0.53	-0.55	-0.44	-0.32	-0.38	-0.54	-0.77	-0.86	-0.76	-0.79	-0.88	-1.09	-1.48	-2.05	-2.26	-2.17	-1.83	-1.31	-1.22	-1.19	-1.02	-1.62	-0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.06	5.86	6.26	0.00	0.00	0.00	0.00	0.00	0.00	-1.39	1.70
	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	45.14	39.76	37.53	40.07	27.68	29.86	43.02	50.13	52.07	53.05	56.55	61.51	61.34	63.55	79.88	92.02	81.61	70.68	57.58	56.02	55.39	53.97	53.69	51.68
61758	1.34	1.05	0.90	0.70	0.47	0.70	1.33	1.96	2.37	2.31	2.58	3.03	3.28	3.46	4.27	5.17	4.65	3.98	3.10	2.80	2.76	2.63	2.51	2.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.69	0.00	0.00	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
	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	67.94	66.17	61.30	57.54	58.97	57.90	58.97	54.41	55.74	58.13	93.33	76.85	74.99	81.48	82.83	94.56	110.07	78.76	74.18	71.90	70.74	71.41	78.78	68.09
61762	3.17	2.77	2.55	2.38	1.62	1.97	3.14	3.75	4.37	4.30	4.82	4.91	5.31	5.58	6.54	7.70	6.88	5.95	4.74	4.35	4.43	4.17	4.14	3.71
	-20.97	-24.69	-22.13	-15.78	-30.14	-26.77	-14.13	-8.19	-1.67	-3.09	-34.53	-13.47	-11.62	-15.82	-0.68	0.07	-26.24	-6.11	-14.97	-14.33	-13.69	-15.90	-23.45	-14.75
	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	44.75	39.52	37.45	40.39	27.89	29.78	42.64	43.16	50.24	51.32	54.62	59.15	58.76	60.74	76.33	87.23	77.99	67.60	55.20	53.90	53.31	52.16	51.85	50.40
61756	0.96	0.81	0.82	1.02	0.69	0.62	0.94	0.51	0.54	0.58	0.65	0.67	0.70	0.65	0.72	0.99	1.03	0.90	0.73	0.68	0.69	0.82	0.67	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.00	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
MILLWD	45.43	39.98	37.73	40.26	27.80	30.02	43.37	50.63	52.64	53.67	57.33	62.21	62.09	64.26	80.66	92.89	82.32	71.28	58.00	56.38	55.71	54.24	53.97	51.89
61759	1.63	1.27	1.10	0.89	0.59	0.86	1.67	2.45	2.94	2.93	3.36	3.73	4.03	4.18	5.05	6.03	5.36	4.58	3.53	3.17	3.08	2.90	2.78	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.70	0.00	0.00	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
	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.	58.07	47.26	45.20	46.99	41.71	43.35	49.53	57.76	59.94	67.08	66.77	76.08	77.41	78.30	94.06	114.49	109.37	86.75	77.95	73.31	76.67	83.11	85.32	73.46
61761	2.97	2.44	2.25	2.10	1.41	1.79	3.17	4.14	4.82	4.81	5.42	5.72	6.09	6.27	7.53	8.79	7.79	6.63	5.10	4.64	4.38	4.14	4.04	3.39
	-11.30	-6.11	-6.32	-5.51	-13.08	-12.40	-4.67	-11.15	-5.42	-11.52	-7.38	-11.88	-13.26	-11.95	-10.91	-18.78	-24.62	-13.42	-18.38	-15.45	-19.66	-27.62	-30.09	-20.44
	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	43.39 <b>-0.40</b> 0.00 N	38.40 <b>-0.31</b> 0.00 N	36.30 <b>-0.33</b> 0.00 N	39.24 <b>-0.13</b> 0.00 N	27.09 <b>-0.12</b> 0.00 N	28.96 <b>-0.20</b> 0.00 N	41.43 <b>-0.27</b> 0.00 N	41.73 <b>-0.74</b> 0.00 N	48.84 <b>-0.86</b> 0.00 N	50.00 <b>-0.75</b> 0.00 N	53.21 <b>-0.76</b> 0.00 N	57.65 <b>-0.83</b> 0.00 N	57.09 <b>-0.97</b> 0.00 N	58.74 <b>-1.35</b> 0.00 N	73.93 <b>-1.69</b> 0.00 N	80.34 <b>-2.30</b> 4.29 N	74.74 <b>-2.22</b> 0.00 N	64.82 <b>-1.88</b> 0.00 N	53.14 <b>-1.33</b> 0.00 N	52.00 <b>-1.22</b> 0.00 N	51.44 <b>-1.19</b> 0.00 N	50.42 <b>-0.92</b> 0.00 N	50.09 <b>-1.09</b> 0.00 N	48.64 <b>-0.99</b> 0.00 N
NPX 61845	45.13 <b>1.34</b> 0.00 N	39.98 <b>1.27</b> 0.00 N	38.02 <b>1.39</b> 0.00 N	41.00 <b>1.63</b> 0.00 N	28.33 <b>1.12</b> 0.00 N	30.25 <b>1.09</b> 0.00 N	43.29 <b>1.59</b> 0.00 N	50.59 <b>1.21</b> 0.00 N	50.91 <b>1.22</b> 0.00 N	51.87 <b>1.13</b> 0.00 N	54.84 <b>0.86</b> 0.00 N	59.07 <b>0.59</b> 0.00 N	58.60 <b>0.55</b> 0.00 N	60.62 <b>0.53</b> 0.00 N	76.07 <b>0.46</b> 0.00 N	87.14 <b>0.32</b> 0.10 N	77.22 <b>0.26</b> 0.00 N	66.98 <b>0.28</b> 0.00 N	54.70 <b>0.23</b> 0.00 N	53.67 <b>0.45</b> 0.00 N	53.31 <b>0.68</b> 0.00 N	52.08 <b>0.73</b> 0.00 N	59.99 <b>2.87</b> -4.89 N	55.22 <b>2.29</b> 1.70 N
O H 61846	41.33 <b>-2.47</b> 0.00 N	36.43 <b>-2.28</b> 0.00 N	34.36 <b>-2.27</b> 0.00 N	36.50 <b>-2.87</b> 0.00 N	25.35 <b>-1.86</b> 0.00 N	27.19 <b>-1.97</b> 0.00 N	34.50 <b>-5.06</b> 2.26 N	40.36 <b>-3.03</b> -0.92 N	46.38 <b>-3.32</b> 0.00 N	47.35 <b>-3.39</b> 0.00 N	51.11 <b>-2.87</b> 0.00 N	56.24 <b>-2.23</b> 0.00 N	56.04 <b>-2.02</b> 0.00 N	58.30 <b>-1.79</b> 0.00 N	73.75 <b>-1.87</b> 0.00 N	85.07 <b>-1.79</b> 0.07 N	75.83 <b>-1.13</b> 0.00 N	65.53 <b>-1.18</b> 0.00 N	53.70 <b>-0.77</b> 0.00 N	52.15 <b>-1.07</b> 0.00 N	51.19 <b>-1.44</b> 0.00 N	49.80 <b>-1.54</b> 0.00 N	55.34 <b>-1.78</b> -4.89 N	49.87 <b>-3.06</b> 1.70 N
PJM 61847	41.47 <b>-2.33</b> 0.00 N	36.45 <b>-2.26</b> 0.00 N	34.24 <b>-2.39</b> 0.00 N	36.58 <b>-2.79</b> 0.00 N	25.29 <b>-1.92</b> 0.00 N	27.23 <b>-1.93</b> 0.00 N	38.86 <b>-2.84</b> 0.00 N	41.27 <b>-2.45</b> -1.25 N	47.16 <b>-2.54</b> 0.00 N	48.25 <b>-2.50</b> 0.00 N	51.84 <b>-2.13</b> 0.00 N	56.74 <b>-1.74</b> 0.00 N	56.51 <b>-1.54</b> 0.00 N	58.61 <b>-1.48</b> 0.00 N	74.07 <b>-1.54</b> 0.00 N	85.76 <b>-1.10</b> 0.07 N	76.10 <b>-0.86</b> 0.00 N	66.00 <b>-0.70</b> 0.00 N	53.88 <b>-0.59</b> 0.00 N	52.18 <b>-1.04</b> 0.00 N	51.37 <b>-1.25</b> 0.00 N	50.08 <b>-1.26</b> 0.00 N	58.69 <b>1.57</b> -4.89 N	52.82 <b>-0.11</b> 1.70 N
WEST 61752	41.11 <b>-2.69</b> 0.00 N	36.23 <b>-2.48</b> 0.00 N	34.13 <b>-2.50</b> 0.00 N	36.26 <b>-3.11</b> 0.00 N	25.18 <b>-2.03</b> 0.00 N	27.02 <b>-2.14</b> 0.00 N	38.15 <b>-3.54</b> 0.00 N	40.20 <b>-3.18</b> -0.91 N	46.32 <b>-3.37</b> 0.00 N	47.42 <b>-3.33</b> 0.00 N	51.31 <b>-2.66</b> 0.00 N	56.57 <b>-1.91</b> 0.00 N	56.33 <b>-1.72</b> 0.00 N	58.59 <b>-1.50</b> 0.00 N	74.17 <b>-1.45</b> 0.00 N	85.57 <b>-1.28</b> 0.07 N	76.27 <b>-0.69</b> 0.00 N	65.90 <b>-0.81</b> 0.00 N	53.98 <b>-0.50</b> 0.00 N	52.33 <b>-0.89</b> 0.00 N	51.32 <b>-1.31</b> 0.00 N	49.93 <b>-1.41</b> 0.00 N	49.95 <b>-1.24</b> 0.00 N	48.50 <b>-1.13</b> 0.00 N