

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/29/2018

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	42.77	38.23	33.93	35.79	33.45	36.81	33.00	30.89	31.37	38.87	44.75	44.00	48.37	50.66	62.50	199.07	90.56	53.45	42.93	43.96	41.91	37.88	33.06	29.94
61757	2.94	2.80	2.37	2.43	2.24	2.57	2.25	2.11	2.18	2.85	3.36	3.35	3.76	3.89	4.71	14.72	6.71	4.14	3.39	3.69	3.51	3.00	2.56	2.18
	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	40.17	35.52	31.65	33.44	31.44	34.58	31.05	29.08	29.60	36.52	41.90	41.60	47.60	47.61	62.98	193.10	84.94	52.85	43.67	44.00	38.79	35.01	30.62	27.97
61754	0.35	0.08	0.09	0.08	0.22	0.33	0.30	0.31	0.40	0.49	0.51	0.59	0.84	0.84	1.14	2.99	1.09	0.67	0.45	0.26	0.12	0.13	0.12	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	-2.14	0.00	-4.05	-5.76	0.00	-2.88	-3.68	-3.47	-0.27	0.00	0.00	0.00
DUNWOD	43.04	38.34	34.18	35.96	33.57	36.92	33.37	31.28	31.65	39.18	45.02	44.33	48.68	51.14	63.10	200.95	91.37	54.00	43.38	44.12	42.03	38.27	33.52	30.48
61760	3.22	2.90	2.62	2.61	2.35	2.68	2.62	2.51	2.46	3.15	3.63	3.68	4.07	4.37	5.32	16.60	7.52	4.70	3.84	3.85	3.63	3.39	3.02	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	0.00
GENESE	39.53	34.64	30.82	32.57	30.86	34.19	30.61	28.49	29.07	35.72	41.11	40.70	45.21	47.40	58.91	187.41	84.80	49.52	39.41	39.71	37.68	34.11	29.95	27.54
61753	-0.30	-0.80	-0.74	-0.78	-0.36	-0.06	-0.14	-0.29	-0.13	-0.31	-0.28	0.05	0.60	0.63	1.13	3.06	0.95	0.21	-0.13	-0.56	-0.72	-0.77	-0.55	-0.23
	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	38.62	34.36	30.62	32.43	30.29	33.15	29.80	27.86	27.60	34.85	40.03	38.41	0.00	0.00	24.87	108.80	61.31	35.48	28.55	29.80	36.53	33.88	29.60	26.93
61844	-1.21	-1.07	-0.95	-0.93	-0.93	-1.09	-0.95	-0.91	-0.91	-1.17	-1.36	-1.43	-1.63	-1.69	-2.11	-5.73	-2.48	-1.51	-1.20	-1.21	-1.15	-1.00	-0.90	-0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.69	0.00	0.00	0.82	42.98	45.07	30.81	69.81	20.07	12.32	9.80	9.25	0.73	0.00	0.00	0.00
HUD VL	42.94	38.24	34.08	35.86	33.49	36.83	33.25	31.19	31.60	39.11	44.92	44.26	48.63	51.13	63.13	200.98	91.38	54.00	43.36	44.09	41.98	38.16	33.35	30.30
61758	3.12	2.80	2.51	2.51	2.28	2.58	2.50	2.42	2.40	3.09	3.53	3.61	4.02	4.36	5.35	16.64	7.53	4.70	3.82	3.81	3.58	3.28	2.85	2.54
	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	44.95	39.51	35.16	38.25	34.46	38.02	34.46	32.29	32.59	40.27	52.03	187.65	209.63	127.38	126.84	282.83	184.17	70.57	63.51	45.21	44.94	57.81	65.74	31.36
61762	4.65	4.07	3.59	3.79	3.24	3.78	3.72	3.52	3.40	4.24	5.01	5.17	5.62	5.70	6.96	22.00	10.12	6.12	4.94	4.94	4.65	4.37	3.96	3.60
	-0.48	0.00	0.00	-1.11	-0.01	-0.01	0.00	0.00	0.00	0.00	-5.63	-141.83	-159.40	-74.92	-62.09	-76.49	-90.20	-15.14	-19.03	0.00	-1.89	-18.56	-31.28	0.00
MHK VL	41.54	36.84	32.80	34.63	32.42	35.65	32.12	30.15	30.70	37.89	43.51	43.50	51.35	50.56	79.40	234.44	122.84	63.77	41.58	42.32	40.32	36.64	31.97	29.05
61756	1.71	1.40	1.23	1.27	1.21	1.40	1.37	1.38	1.50	1.87	2.13	2.14	2.40	2.51	3.11	9.86	4.30	2.52	2.04	2.05	1.92	1.76	1.47	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.70	-4.35	-1.29	-18.51	-40.24	-34.68	-11.94	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	43.07	38.35	34.17	35.95	33.57	36.91	33.36	31.28	31.68	39.23	45.10	44.44	48.85	51.34	63.38	201.83	91.78	54.23	43.55	44.26	42.15	38.33	33.53	30.46
61759	3.25	2.91	2.61	2.59	2.35	2.66	2.61	2.51	2.49	3.21	3.72	3.79	4.24	4.58	5.60	17.48	7.93	4.93	4.01	3.99	3.75	3.45	3.03	2.70
	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.	52.36	47.74	42.81	39.41	34.70	39.19	36.99	41.04	46.95	54.61	71.45	70.53	97.45	95.11	74.46	249.67	132.89	63.45	43.84	49.97	73.05	64.84	48.69	44.86
61761	3.77	3.40	3.10	3.10	2.83	3.20	3.13	2.96	2.87	3.65	4.21	4.22	4.65	4.96	6.00	18.84	8.53	5.30	4.33	4.37	4.12	3.88	3.49	3.14
	-8.77	-8.89	-8.14	-2.95	-0.65	-1.75	-3.12	-9.31	-14.88	-14.93	-25.86	-25.65	-48.20	-43.39	-10.68	-46.49	-40.51	-8.84	0.03	-5.33	-30.53	-26.08	-14.70	-13.96
NORTH	38.78	34.46	30.71	32.63	30.44	33.26	29.92	27.91	28.33	34.85	39.86	36.35	26.85	48.12	-3.09	-64.68	38.17	6.34	-16.91	-13.16	33.21	34.10	29.77	27.08
61755	-1.04	-0.98	-0.86	-0.72	-0.78	-0.98	-0.83	-0.86	-0.86	-1.18	-1.53	-1.86	-2.52	-2.64	-3.15	-5.90	-2.73	-1.67	-1.25	-1.30	-1.10	-0.78	-0.73	-0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.45	15.24	-4.00	57.72	243.12	42.96	41.30	55.21	52.13	4.10	0.00	0.00	0.00
NPX	43.17	37.73	33.77	35.76	33.37	36.72	33.00	30.79	30.34	38.54	46.17	63.20	69.61	83.63	91.23	199.69	112.87	102.48	69.97	69.98	64.16	42.56	33.02	30.00
61845	2.91	2.77	2.37	2.40	2.16	2.47	2.25	2.08	2.02	2.62	3.11	3.12	3.44	3.59	4.34	13.42	6.03	3.70	3.05	3.21	3.13	2.83	2.52	2.24
	-0.44	0.48	0.16	0.00	0.00	0.00	0.00	0.06	0.88	0.11	-1.67	-19.43	-21.55	-33.27	-29.10	-1.92	-22.99	-49.47	-27.38	-26.50	-22.63	-4.85	0.00	0.00

O H 61846	37.88 <span>-1.95</span> <span>0.00</span>	33.09 <span>-2.35</span> <span>0.00</span>	29.47 <span>-2.10</span> <span>0.00</span>	31.17 <span>-2.19</span> <span>0.00</span>	29.65 <span>-1.56</span> <span>0.00</span>	32.85 <span>-1.40</span> <span>0.00</span>	29.18 <span>-1.57</span> <span>0.00</span>	27.02 <span>-1.75</span> <span>0.00</span>	27.49 <span>-1.71</span> <span>0.00</span>	33.58 <span>-2.44</span> <span>0.00</span>	38.53 <span>-2.86</span> <span>0.00</span>	38.01 <span>-2.65</span> <span>0.00</span>	42.32 <span>-2.30</span> <span>0.00</span>	44.27 <span>-2.49</span> <span>0.00</span>	55.26 <span>-2.52</span> <span>0.00</span>	175.69 <span>-8.66</span> <span>0.00</span>	79.41 <span>-4.45</span> <span>0.00</span>	46.49 <span>-2.81</span> <span>0.00</span>	37.00 <span>-2.54</span> <span>0.00</span>	37.33 <span>-2.94</span> <span>0.00</span>	35.38 <span>-3.02</span> <span>0.00</span>	32.19 <span>-2.69</span> <span>0.00</span>	28.47 <span>-2.04</span> <span>0.00</span>	26.46 <span>-1.31</span> <span>0.00</span>
PJM 61847	25.11 <span>0.61</span> <span>15.32</span>	23.10 <span>0.37</span> <span>12.70</span>	22.22 <span>0.35</span> <span>9.70</span>	23.24 <span>0.30</span> <span>10.42</span>	22.96 <span>0.36</span> <span>8.62</span>	23.84 <span>0.51</span> <span>10.92</span>	28.49 <span>0.47</span> <span>2.73</span>	26.45 <span>0.46</span> <span>2.78</span>	29.08 <span>0.43</span> <span>0.54</span>	36.63 <span>0.55</span> <span>-0.05</span>	37.61 <span>0.55</span> <span>4.32</span>	37.88 <span>0.66</span> <span>3.44</span>	45.48 <span>0.98</span> <span>0.10</span>	46.89 <span>1.00</span> <span>0.87</span>	58.48 <span>1.36</span> <span>0.66</span>	171.41 <span>3.60</span> <span>16.53</span>	84.58 <span>1.27</span> <span>0.54</span>	49.72 <span>1.02</span> <span>0.60</span>	40.27 <span>0.79</span> <span>0.07</span>	40.87 <span>0.60</span> <span>0.00</span>	38.77 <span>0.37</span> <span>0.00</span>	35.31 <span>0.45</span> <span>0.02</span>	27.41 <span>0.52</span> <span>3.61</span>	27.60 <span>0.68</span> <span>0.85</span>
WEST 61752	38.77 <span>-1.05</span> <span>0.00</span>	33.74 <span>-1.70</span> <span>0.00</span>	29.98 <span>-1.58</span> <span>0.00</span>	31.68 <span>-1.68</span> <span>0.00</span>	30.19 <span>-1.03</span> <span>0.00</span>	33.50 <span>-0.74</span> <span>0.00</span>	29.73 <span>-1.02</span> <span>0.00</span>	27.52 <span>-1.25</span> <span>0.00</span>	28.08 <span>-1.12</span> <span>0.00</span>	34.36 <span>-1.67</span> <span>0.00</span>	39.46 <span>-1.93</span> <span>0.00</span>	38.99 <span>-1.67</span> <span>0.00</span>	43.47 <span>-1.14</span> <span>0.00</span>	45.47 <span>-1.30</span> <span>0.00</span>	56.85 <span>-0.93</span> <span>0.00</span>	180.91 <span>-3.43</span> <span>0.00</span>	81.80 <span>-2.05</span> <span>0.00</span>	47.80 <span>-1.50</span> <span>0.00</span>	37.98 <span>-1.56</span> <span>0.00</span>	38.22 <span>-2.05</span> <span>0.00</span>	36.17 <span>-2.23</span> <span>0.00</span>	32.84 <span>-2.04</span> <span>0.00</span>	29.04 <span>-1.47</span> <span>0.00</span>	27.01 <span>-0.75</span> <span>0.00</span>