

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

11/01/2017

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	13.76	24.33	20.45	23.57	21.02	18.41	29.73	121.77	88.86	75.19	59.40	82.12	57.79	35.10	31.27	32.97	41.24	45.93	26.78	31.09	27.34	32.06	23.94	15.32
61757	0.72	1.12	1.17	1.10	1.25	1.11	1.84	7.64	5.30	4.20	3.22	3.94	2.74	1.74	1.48	1.70	2.15	2.40	1.51	1.73	1.62	1.85	1.28	0.77
	-0.77	-4.73	0.00	-4.74	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	12.51	19.15	19.52	18.43	19.98	17.50	28.39	117.36	85.60	72.81	57.69	80.31	56.41	34.18	30.51	31.99	40.10	44.56	25.90	30.24	26.33	30.90	23.16	14.90
61754	0.17	0.20	0.25	0.22	0.22	0.20	0.50	3.23	2.03	1.81	1.51	2.13	1.36	0.82	0.72	0.72	1.00	1.03	0.63	0.88	0.61	0.69	0.50	0.35
	-0.08	-0.48	0.00	-0.48	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	13.85	23.20	20.81	22.36	21.37	18.82	30.55	125.02	91.65	78.05	61.79	84.79	59.87	36.27	32.60	34.10	42.35	47.31	27.67	32.07	28.18	33.17	24.75	15.85
61760	1.06	1.51	1.53	1.41	1.61	1.52	2.66	10.89	8.08	7.06	5.61	6.60	4.81	2.91	2.78	2.83	3.26	3.78	2.39	2.71	2.45	2.96	2.09	1.30
	-0.52	-3.22	0.00	-3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	12.14	18.49	18.95	17.79	19.39	16.99	27.47	113.53	82.76	70.32	55.43	77.31	54.31	32.89	29.21	30.62	38.62	42.89	24.94	29.21	25.33	29.63	22.33	14.45
61753	-0.19	-0.36	-0.33	-0.32	-0.38	-0.31	-0.43	-0.60	-0.80	-0.68	-0.75	-0.87	-0.74	-0.47	-0.57	-0.65	-0.47	-0.64	-0.34	-0.15	-0.40	-0.58	-0.33	-0.10
	-0.06	-0.38	0.00	-0.38	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	11.36	17.94	18.70	17.20	19.16	16.77	30.29	111.15	81.51	69.19	53.20	42.65	0.00	0.00	29.22	0.00	18.67	42.67	24.71	28.67	25.14	29.47	22.11	14.17
61844	-0.37	-0.53	-0.57	-0.53	-0.61	-0.53	-0.75	-2.98	-2.05	-1.81	-1.43	-1.41	-0.89	-0.60	-0.57	-0.59	-0.70	-0.86	-0.56	-0.68	-0.59	-0.74	-0.55	-0.38
	0.54	0.00	0.00	0.00	0.00	0.00	-3.15	0.00	0.00	0.00	1.55	34.13	54.16	32.76	0.00	30.68	19.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUD VL	13.85	23.22	20.84	22.40	21.42	18.86	30.66	125.66	92.12	78.42	62.05	85.21	60.07	36.38	32.63	34.22	42.59	47.58	27.82	32.26	28.31	33.27	24.81	15.88
61758	1.06	1.54	1.57	1.45	1.66	1.56	2.76	11.53	8.55	7.43	5.87	7.03	5.02	3.03	2.87	2.95	3.50	4.05	2.54	2.90	2.58	3.06	2.15	1.33
	-0.52	-3.21	0.00	-3.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	14.08	23.59	21.19	22.69	21.82	19.35	31.39	127.69	93.42	79.90	63.26	86.78	61.51	37.26	34.10	34.96	43.22	48.55	28.35	33.01	29.63	34.01	25.31	16.21
61762	1.29	1.90	1.91	1.74	2.05	2.02	3.49	13.56	9.86	8.86	7.08	8.60	6.45	3.90	3.75	3.68	4.12	5.02	3.08	3.65	3.26	3.80	2.65	1.66
	-0.52	-3.22	0.00	-3.23	0.00	-0.03	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	-0.56	0.00	0.00	0.00	0.00	0.00	-0.64	0.00	0.00	0.00
MHK VL	12.51	19.21	19.57	18.44	20.04	17.60	28.70	118.19	86.44	73.49	58.17	81.07	56.98	34.46	30.78	32.30	40.36	45.01	26.15	30.39	26.57	31.15	23.30	14.93
61756	0.19	0.28	0.29	0.24	0.27	0.30	0.81	4.06	2.88	2.49	1.99	2.89	1.93	1.09	0.99	1.03	1.26	1.48	0.88	1.04	0.84	0.93	0.63	0.39
	-0.05	-0.46	0.00	-0.46	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	13.86	23.26	20.83	22.42	21.40	18.85	30.63	125.47	91.96	78.27	62.01	85.04	60.02	36.36	32.60	34.18	42.48	47.47	27.76	32.18	28.26	33.25	24.80	15.88
61759	1.07	1.53	1.55	1.43	1.64	1.55	2.73	11.34	8.40	7.27	5.83	6.86	4.96	3.00	2.85	2.91	3.39	3.94	2.49	2.83	2.54	3.03	2.14	1.33
	-0.53	-3.26	0.00	-3.26	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00
N.Y.C.	13.97	23.35	20.96	22.51	21.52	19.33	31.38	125.82	92.35	81.00	62.29	85.30	60.35	36.57	33.52	34.36	42.62	47.61	27.84	32.25	28.35	33.41	24.95	16.00
61761	1.18	1.66	1.68	1.55	1.76	1.67	2.89	11.69	8.78	7.65	6.12	7.12	5.29	3.21	3.05	3.09	3.53	4.07	2.57	2.90	2.63	3.20	2.29	1.45
	-0.52	-3.22	0.00	-3.23	0.00	-0.35	-0.60	0.00	-0.01	-2.35	0.00	0.00	0.00	0.00	-0.69	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
NORTH	11.66	17.86	18.59	17.09	19.04	16.66	27.24	112.24	82.47	69.85	55.24	77.73	54.92	33.05	29.42	31.02	38.89	43.34	25.00	28.95	25.35	29.60	22.18	14.20
61755	-0.47	-0.62	-0.69	-0.64	-0.72	-0.64	-0.65	-1.89	-1.09	-1.14	-0.94	-0.45	-0.14	-0.31	-0.37	-0.25	-0.20	-0.19	-0.27	-0.41	-0.37	-0.61	-0.48	-0.35
	0.13	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	10.88	23.86	20.62	23.07	21.18	18.53	33.73	116.97	88.99	74.91	56.89	82.47	53.24	35.18	31.23	33.65	40.32	45.99	26.83	31.13	27.41	32.92	22.65	15.44
61845	0.86	1.30	1.34	1.24	1.41	1.25	2.03	7.83	5.51	4.67	3.57	4.17	2.85	1.82	1.66	1.79	2.13	2.45	1.55	1.78	1.69	2.04	1.42	0.89
	2.25	-4.08	0.00	-4.09	0.00	0.02	-3.80	4.99	0.09	0.75	2.86	-0.12	4.66	0.00	0.22	-0.58	0.91	0.00	0.00	0.00	0.00	-0.67	1.43	0.00

O H 61846	11.94 <span>-0.41</span> <span>-0.08</span>	18.26 <span>-0.71</span> <span>-0.50</span>	18.64 <span>-0.64</span> <span>0.00</span>	17.62 <span>-0.61</span> <span>-0.50</span>	19.02 <span>-0.74</span> <span>0.00</span>	16.61 <span>-0.69</span> <span>0.00</span>	26.82 <span>-1.07</span> <span>0.00</span>	111.54 <span>-2.59</span> <span>0.00</span>	81.05 <span>-2.51</span> <span>0.00</span>	68.85 <span>-2.14</span> <span>0.00</span>	54.07 <span>-2.11</span> <span>0.00</span>	75.66 <span>-2.53</span> <span>0.00</span>	53.09 <span>-1.97</span> <span>0.00</span>	32.16 <span>-1.20</span> <span>0.00</span>	28.61 <span>-1.17</span> <span>0.00</span>	29.99 <span>-1.29</span> <span>0.00</span>	37.93 <span>-1.16</span> <span>0.00</span>	41.82 <span>-1.71</span> <span>0.00</span>	24.25 <span>-1.02</span> <span>0.00</span>	28.54 <span>-0.82</span> <span>0.00</span>	24.67 <span>-1.05</span> <span>0.00</span>	30.44 <span>-1.22</span> <span>-1.45</span>	37.22 <span>-0.70</span> <span>-15.26</span>	14.32 <span>-0.22</span> <span>0.00</span>
PJM 61847	12.72 <span>0.60</span> <span>0.15</span>	21.47 <span>0.82</span> <span>-2.18</span>	20.14 <span>0.87</span> <span>0.00</span>	20.71 <span>0.79</span> <span>-2.18</span>	20.65 <span>0.89</span> <span>0.00</span>	18.22 <span>0.85</span> <span>-0.07</span>	32.74 <span>1.58</span> <span>-3.27</span>	121.40 <span>7.27</span> <span>0.00</span>	88.62 <span>5.05</span> <span>0.00</span>	75.88 <span>4.41</span> <span>-0.47</span>	58.01 <span>3.39</span> <span>1.55</span>	82.32 <span>4.14</span> <span>0.00</span>	57.91 <span>2.86</span> <span>0.00</span>	35.06 <span>1.70</span> <span>0.00</span>	31.54 <span>1.65</span> <span>-0.10</span>	32.93 <span>1.66</span> <span>0.00</span>	42.11 <span>2.04</span> <span>-0.98</span>	45.64 <span>2.11</span> <span>0.00</span>	23.65 <span>1.31</span> <span>2.94</span>	45.53 <span>1.66</span> <span>-14.52</span>	27.12 <span>1.40</span> <span>0.00</span>	31.96 <span>1.74</span> <span>0.00</span>	23.90 <span>1.24</span> <span>0.00</span>	15.39 <span>0.84</span> <span>0.00</span>
WEST 61752	12.15 <span>-0.20</span> <span>-0.08</span>	18.56 <span>-0.40</span> <span>-0.48</span>	18.97 <span>-0.31</span> <span>0.00</span>	17.90 <span>-0.32</span> <span>-0.48</span>	19.34 <span>-0.43</span> <span>0.00</span>	16.91 <span>-0.39</span> <span>0.00</span>	27.35 <span>-0.54</span> <span>0.00</span>	114.05 <span>-0.08</span> <span>0.00</span>	82.93 <span>-0.64</span> <span>0.00</span>	70.49 <span>-0.50</span> <span>0.00</span>	55.43 <span>-0.74</span> <span>0.00</span>	77.58 <span>-0.60</span> <span>0.00</span>	54.44 <span>-0.62</span> <span>0.00</span>	32.96 <span>-0.40</span> <span>0.00</span>	29.32 <span>-0.46</span> <span>0.00</span>	30.73 <span>-0.54</span> <span>0.00</span>	38.88 <span>-0.21</span> <span>0.00</span>	42.88 <span>-0.65</span> <span>0.00</span>	24.89 <span>-0.39</span> <span>0.00</span>	29.26 <span>-0.09</span> <span>0.00</span>	25.26 <span>-0.46</span> <span>0.00</span>	29.64 <span>-0.57</span> <span>0.00</span>	22.43 <span>-0.23</span> <span>0.00</span>	14.62 <span>0.07</span> <span>0.00</span>