

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Zonal Data

09/03/2016

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	19.02	16.27	16.04	26.10	13.56	14.94	15.41	25.39	25.37	74.81	24.05	17.98	16.76	16.52	15.74	15.30	15.74	15.41	16.43	16.52	16.41	15.77	14.43	7.46
61757	1.36	1.13	0.96	-0.17	0.92	1.02	1.07	0.63	1.01	-7.64	0.31	1.00	1.19	1.13	1.10	1.10	1.14	1.10	1.16	1.19	1.16	1.13	1.09	0.54
	-0.01	0.00	-2.15	-28.62	0.00	0.00	0.00	-16.19	-11.44	-178.76	-19.85	-4.19	0.00	0.00	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CENTRL	17.72	15.18	13.13	0.56	12.61	13.95	14.35	10.19	14.09	-79.07	5.89	13.28	15.67	15.53	14.78	14.15	14.76	14.48	15.48	15.50	15.43	14.80	13.39	6.98
61754	0.06	0.04	-0.02	0.06	-0.03	0.02	0.01	0.00	0.03	-0.61	0.02	0.07	0.11	0.14	0.14	0.13	0.16	0.17	0.20	0.18	0.17	0.16	0.06	0.06
	0.00	0.00	-0.21	-2.85	0.00	0.00	0.00	-1.62	-1.14	-17.84	-1.98	-0.42	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNWOD	19.38	16.53	15.61	17.72	13.72	15.16	15.62	20.81	22.21	20.80	18.33	17.03	17.12	16.96	16.09	15.52	15.97	15.63	16.67	16.76	16.65	15.97	14.53	7.53
61760	1.72	1.39	1.15	-0.21	1.08	1.23	1.28	0.79	1.20	-9.41	0.38	1.27	1.55	1.57	1.45	1.38	1.36	1.32	1.40	1.43	1.40	1.33	1.19	0.61
	0.00	0.00	-1.53	-20.28	0.00	0.00	0.00	-11.46	-8.10	-126.51	-14.05	-2.96	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENESE	17.45	14.96	12.89	0.05	12.49	13.85	14.26	9.74	13.66	-81.61	5.47	13.02	15.45	15.35	14.61	13.93	14.57	14.28	15.27	15.25	15.21	14.63	13.18	6.91
61753	-0.20	-0.17	-0.21	0.07	-0.15	-0.08	-0.08	-0.14	-0.19	0.22	-0.03	-0.11	-0.11	-0.04	-0.03	-0.08	-0.04	-0.03	-0.01	-0.08	-0.05	-0.01	-0.15	-0.01
	0.00	0.00	-0.17	-2.32	0.00	0.00	0.00	-1.31	-0.93	-14.49	-1.61	-0.34	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
H Q	17.12	14.70	12.59	-2.30	12.33	13.54	13.96	8.34	12.55	-93.31	3.78	12.40	15.07	14.90	14.16	13.53	14.13	13.85	14.80	14.84	14.79	14.20	12.95	6.71
61844	-0.54	-0.43	-0.34	0.04	-0.32	-0.38	-0.38	-0.23	-0.37	3.00	-0.12	-0.39	-0.49	-0.50	-0.47	-0.46	-0.47	-0.46	-0.48	-0.49	-0.47	-0.44	-0.38	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.33	16.49	15.58	17.64	13.71	15.14	15.60	20.76	22.19	20.47	18.30	17.02	17.12	16.95	16.09	15.53	16.00	15.67	16.72	16.80	16.69	16.00	14.55	7.54
61758	1.68	1.36	1.13	-0.21	1.07	1.22	1.26	0.78	1.20	-9.43	0.38	1.27	1.55	1.56	1.46	1.40	1.39	1.36	1.45	1.47	1.44	1.36	1.21	0.62
	0.00	0.00	-1.52	-20.19	0.00	0.00	0.00	-11.42	-8.07	-126.21	-14.02	-2.96	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LONGIL	19.87	16.87	15.88	17.71	14.02	15.51	15.91	21.05	25.48	17.83	18.47	17.44	17.54	21.98	16.57	16.01	16.38	15.80	16.75	16.86	16.78	16.16	14.62	7.54
61762	2.22	1.74	1.43	-0.26	1.38	1.59	1.57	1.01	1.65	-12.54	0.51	1.68	1.98	2.15	1.94	1.87	1.77	1.49	1.47	1.53	1.52	1.52	1.29	0.62
	0.00	0.00	-1.53	-20.30	0.00	0.00	0.00	-11.47	-10.90	-126.68	-14.07	-2.97	0.00	-4.44	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MHK VL	18.16	15.55	13.50	0.59	12.97	14.28	14.71	10.47	14.50	-81.72	6.03	13.67	16.13	15.96	15.16	14.50	15.12	14.82	15.84	15.90	15.83	15.17	13.76	7.13
61756	0.50	0.41	0.35	-0.05	0.33	0.35	0.37	0.24	0.41	-3.29	0.14	0.45	0.56	0.57	0.53	0.49	0.52	0.51	0.57	0.57	0.57	0.53	0.42	0.21
	0.00	0.00	-0.22	-2.98	0.00	0.00	0.00	-1.67	-1.17	-17.88	-2.00	-0.42	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLWD	19.38	16.53	15.62	17.88	13.72	15.16	15.62	20.90	22.30	21.95	18.46	17.07	17.13	16.97	16.10	15.54	16.01	15.67	16.72	16.80	16.69	16.00	14.55	7.54
61759	1.72	1.39	1.15	-0.21	1.08	1.23	1.27	0.79	1.21	-9.42	0.39	1.28	1.57	1.58	1.46	1.40	1.40	1.36	1.45	1.48	1.44	1.36	1.22	0.62
	0.00	0.00	-1.54	-20.44	0.00	0.00	0.00	-11.54	-8.17	-127.68	-14.18	-2.99	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.Y.C.	19.47	16.60	15.67	17.74	13.78	15.22	15.69	20.86	22.27	20.52	18.36	17.09	17.21	17.03	16.16	15.58	16.03	15.70	16.75	16.83	16.72	16.03	14.60	7.58
61761	1.81	1.47	1.22	-0.22	1.13	1.30	1.35	0.83	1.25	-9.80	0.40	1.33	1.64	1.64	1.53	1.45	1.42	1.39	1.48	1.50	1.46	1.40	1.27	0.65
	0.00	0.00	-1.53	-20.30	0.00	0.00	0.00	-11.47	-8.11	-126.64	-14.07	-2.97	0.00	0.00	0.00	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORTH	17.12	14.71	12.67	-2.32	12.43	13.57	14.00	8.37	12.59	-93.62	3.79	12.44	15.13	14.94	14.20	13.55	14.18	13.90	14.87	14.91	14.87	14.26	12.99	6.71
61755	-0.53	-0.42	-0.26	0.02	-0.21	-0.35	-0.34	-0.20	-0.33	2.69	-0.11	-0.35	-0.44	-0.45	-0.44	-0.44	-0.43	-0.41	-0.41	-0.42	-0.39	-0.38	-0.35	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.78	16.32	15.80	22.39	13.87	14.41	15.41	23.30	23.87	51.52	21.31	17.83	16.79	16.58	15.76	15.28	15.71	15.37	16.38	16.46	16.38	15.71	14.36	7.44
61845	1.42	1.18	0.99	-0.18	0.94	1.02	1.06	0.64	0.99	-7.71	0.31	1.02	1.22	1.19	1.13	1.10	1.11	1.06	1.10	1.14	1.13	1.07	1.03	0.52
	0.29	0.00	-1.87	-24.92	-0.30	0.54	0.00	-14.09	-9.96	-155.54	-17.11	-4.01	0.00	0.00	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

O H 61846	17.08 <b>-0.57</b> <b>0.00</b>	14.68 <b>-0.46</b> <b>0.00</b>	12.69 <b>-0.48</b> <b>-0.24</b>	0.98 <b>0.17</b> <b>-3.16</b>	12.25 <b>-0.39</b> <b>0.00</b>	13.62 <b>-0.30</b> <b>0.00</b>	14.00 <b>-0.35</b> <b>0.00</b>	10.02 <b>-0.33</b> <b>-1.79</b>	13.63 <b>-0.55</b> <b>-1.26</b>	-73.98 <b>2.60</b> <b>-19.73</b>	5.94 <b>-0.14</b> <b>-2.19</b>	12.78 <b>-0.48</b> <b>-0.46</b>	14.99 <b>-0.57</b> <b>0.00</b>	14.90 <b>-0.49</b> <b>0.00</b>	14.18 <b>-0.46</b> <b>0.00</b>	13.49 <b>-0.52</b> <b>-0.02</b>	14.10 <b>-0.51</b> <b>0.00</b>	13.83 <b>-0.48</b> <b>0.00</b>	14.83 <b>-0.45</b> <b>0.00</b>	14.80 <b>-0.53</b> <b>0.00</b>	14.75 <b>-0.50</b> <b>0.00</b>	14.29 <b>-0.35</b> <b>0.00</b>	12.85 <b>-0.48</b> <b>0.00</b>	6.80 <b>-0.12</b> <b>0.00</b>
PJM 61847	18.22 <b>0.56</b> <b>0.00</b>	15.59 <b>0.45</b> <b>0.00</b>	13.53 <b>0.29</b> <b>-0.30</b>	1.88 <b>0.21</b> <b>-4.01</b>	12.22 <b>-0.33</b> <b>0.09</b>	13.71 <b>-0.21</b> <b>0.00</b>	14.06 <b>-0.28</b> <b>0.00</b>	10.64 <b>-0.19</b> <b>-2.27</b>	14.18 <b>-0.34</b> <b>-1.60</b>	-69.82 <b>1.46</b> <b>-25.03</b>	6.61 <b>-0.07</b> <b>-2.78</b>	13.18 <b>-0.20</b> <b>-0.59</b>	15.33 <b>-0.23</b> <b>0.00</b>	15.22 <b>-0.17</b> <b>0.00</b>	14.48 <b>-0.15</b> <b>0.00</b>	13.83 <b>-0.19</b> <b>-0.03</b>	14.47 <b>-0.14</b> <b>0.00</b>	14.79 <b>0.48</b> <b>0.00</b>	15.84 <b>0.56</b> <b>0.00</b>	15.88 <b>0.56</b> <b>0.00</b>	15.78 <b>0.52</b> <b>0.00</b>	15.19 <b>0.55</b> <b>0.00</b>	13.73 <b>0.39</b> <b>0.00</b>	7.18 <b>0.26</b> <b>0.00</b>
WEST 61752	17.39 <b>-0.27</b> <b>0.00</b>	14.92 <b>-0.21</b> <b>0.00</b>	12.88 <b>-0.28</b> <b>-0.23</b>	0.80 <b>0.11</b> <b>-3.03</b>	12.45 <b>-0.19</b> <b>0.00</b>	13.85 <b>-0.07</b> <b>0.00</b>	14.23 <b>-0.11</b> <b>0.00</b>	10.05 <b>-0.22</b> <b>-1.71</b>	13.75 <b>-0.38</b> <b>-1.21</b>	-76.52 <b>0.85</b> <b>-18.94</b>	5.92 <b>-0.08</b> <b>-2.10</b>	12.98 <b>-0.26</b> <b>-0.44</b>	15.26 <b>-0.31</b> <b>0.00</b>	15.18 <b>-0.22</b> <b>0.00</b>	14.45 <b>-0.19</b> <b>0.00</b>	13.74 <b>-0.27</b> <b>-0.02</b>	14.37 <b>-0.23</b> <b>0.00</b>	14.11 <b>-0.20</b> <b>0.00</b>	15.12 <b>-0.15</b> <b>0.00</b>	15.08 <b>-0.24</b> <b>0.00</b>	15.04 <b>-0.21</b> <b>0.00</b>	14.56 <b>-0.08</b> <b>0.00</b>	13.07 <b>-0.26</b> <b>0.00</b>	6.93 <b>0.01</b> <b>0.00</b>