

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

08/23/2016

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	2.16	2.16	0.20	-0.08	2.10	5.30	4.00	7.34	15.17	14.29	16.00	17.77	17.38	16.11	18.65	24.38	22.98	21.63	21.66	22.72	22.83	21.32	21.32	17.44	15.19
61757	0.13	0.13	0.01	0.00	0.10	0.31	0.24	0.48	1.01	0.90	1.01	1.14	1.07	1.00	1.15	1.48	1.39	1.28	1.34	1.37	1.42	1.37	1.10	0.97	
	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	2.07	2.06	0.19	-0.08	2.03	5.06	3.82	6.97	14.40	13.58	15.26	16.93	16.61	15.37	18.39	23.45	22.16	20.84	20.78	21.84	21.89	20.38	16.68	14.43	
61754	0.03	0.03	0.00	-0.01	0.03	0.07	0.06	0.11	0.24	0.19	0.27	0.30	0.30	0.26	0.37	0.56	0.57	0.49	0.46	0.49	0.47	0.43	0.34	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	-0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
DUNWOD	2.23	2.21	0.21	-0.07	2.14	5.39	4.06	7.44	15.41	14.62	16.51	18.40	18.01	16.66	19.26	25.14	23.71	22.30	22.28	23.39	23.46	21.91	18.05	15.76	
61760	0.19	0.18	0.02	0.00	0.14	0.41	0.31	0.58	1.25	1.23	1.52	1.77	1.70	1.55	1.76	2.25	2.12	1.96	1.96	2.03	2.05	1.97	1.71	1.54	
	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	
GENESE	2.06	2.04	0.19	-0.09	2.03	5.03	3.81	6.90	14.29	13.52	15.20	16.87	16.58	15.34	17.81	23.51	22.29	21.02	20.95	22.06	22.08	20.52	16.73	14.39	
61753	0.02	0.01	0.00	-0.01	0.04	0.04	0.05	0.05	0.13	0.14	0.20	0.24	0.26	0.23	0.32	0.62	0.70	0.66	0.63	0.70	0.66	0.58	0.39	0.17	
	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	1.98	1.97	0.19	-0.08	2.03	4.79	3.65	6.65	13.73	12.99	14.50	15.29	15.78	14.61	16.91	22.12	20.85	19.69	19.65	20.67	20.71	19.28	15.77	13.73	
61844	-0.06	-0.06	0.00	0.00	-0.04	-0.13	-0.11	-0.21	-0.44	-0.40	-0.49	-0.56	-0.54	-0.49	-0.58	-0.77	-0.74	-0.66	-0.67	-0.68	-0.70	-0.67	-0.57	-0.50	
	0.00	0.00	0.00	0.00	-0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.78	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	2.22	2.20	0.21	-0.08	2.14	5.38	4.06	7.44	15.41	14.62	16.49	18.37	17.99	16.64	19.26	25.16	23.74	22.34	22.31	23.43	23.50	21.92	18.02	15.72	
61758	0.18	0.17	0.01	0.00	0.14	0.39	0.30	0.58	1.25	1.23	1.49	1.74	1.68	1.54	1.76	2.27	2.15	1.99	1.99	2.07	2.09	1.97	1.68	1.50	
	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	2.25	2.27	0.21	-0.08	2.21	5.53	4.11	-80.75	-221.46	-1476.07	15.43	18.95	18.51	17.13	19.72	25.61	24.21	22.71	22.90	23.84	23.97	27.41	22.26	25.63	
61762	0.21	0.24	0.02	0.00	0.21	0.54	0.34	0.60	1.11	1.14	1.76	2.32	2.20	2.03	2.23	2.72	2.62	2.36	2.57	2.49	2.56	2.51	2.09	2.03	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88.21	236.73	1490.59	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.95	-3.83	-9.38		
MHK VL	2.10	2.09	0.20	-0.08	2.05	5.14	3.88	7.11	14.70	13.89	15.59	17.30	16.98	15.70	18.18	23.81	22.46	21.16	21.13	22.22	22.30	20.74	16.93	14.67	
61756	0.06	0.06	0.01	0.00	0.05	0.15	0.12	0.25	0.54	0.50	0.59	0.67	0.67	0.59	0.68	0.91	0.87	0.81	0.81	0.86	0.89	0.79	0.60	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	0.00	0.00	0.00	0.00	
MILLWD	2.23	2.21	0.21	-0.07	2.14	5.40	4.07	7.45	15.43	14.64	16.53	18.43	18.04	16.69	19.30	25.20	23.78	22.37	22.35	23.46	23.53	21.96	18.07	15.77	
61759	0.19	0.18	0.02	0.00	0.14	0.41	0.31	0.59	1.27	1.26	1.54	1.80	1.73	1.58	1.80	2.31	2.19	2.02	2.02	2.10	2.11	2.02	1.73	1.55	
	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.	2.24	2.23	0.21	-0.07	2.15	5.43	4.10	7.51	15.51	14.73	16.63	18.53	64.90	19.53	19.40	25.30	23.85	22.43	22.39	23.52	23.59	22.19	18.53	15.89	
61761	0.20	0.20	0.02	0.00	0.15	0.45	0.33	0.64	1.35	1.34	1.63	1.90	1.86	1.69	1.91	2.41	2.26	2.08	2.08	2.17	2.17	2.09	1.85	1.67	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-46.73	-2.74	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.34	0.00		
NORTH	1.97	1.96	0.19	-0.07	1.96	4.87	3.65	6.66	13.79	13.04	14.49	16.08	15.77	14.57	16.85	22.01	20.70	19.55	19.56	20.61	20.60	19.11	15.60	13.53	
61755	-0.07	-0.07	0.00	0.00	-0.03	-0.12	-0.11	-0.19	-0.37	-0.35	-0.51	-0.54	-0.54	-0.54	-0.64	-0.88	-0.89	-0.80	-0.76	-0.75	-0.81	-0.84	-0.74	-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NPX	1.03	1.28	1.61	-19.47	1.06	7.97	4.29	6.70	15.77	14.19	16.23	17.92	17.56	16.26	18.82	24.57	23.13	21.75	21.72	22.79	22.91	21.41	17.59	12.73	
61845	0.14	0.14	0.01	0.00	0.11	0.34	0.25	0.48	1.02	0.93	1.12	1.30	1.24	1.15	1.33	1.68	1.54	1.40	1.41	1.44	1.50	1.46	1.25	1.15	
	1.14	0.89	-1.41	19.39	1.05	-2.64	-0.29	0.64	-0.58	0.12	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.63	

O H 61846	2.03 <span>-0.01</span> <span>0.00</span>	2.01 <span>-0.02</span> <span>0.00</span>	0.19 <span>-0.01</span> <span>0.00</span>	-0.09 <span>-0.02</span> <span>0.00</span>	2.02 <span>0.02</span> <span>0.00</span>	4.88 <span>-0.04</span> <span>0.07</span>	3.74 <span>-0.02</span> <span>0.00</span>	6.72 <span>-0.13</span> <span>0.00</span>	13.93 <span>-0.24</span> <span>0.00</span>	13.10 <span>-0.29</span> <span>0.00</span>	14.71 <span>-0.29</span> <span>0.00</span>	16.29 <span>-0.34</span> <span>0.00</span>	15.97 <span>-0.34</span> <span>0.00</span>	14.69 <span>-0.42</span> <span>0.00</span>	15.30 <span>-0.43</span> <span>1.76</span>	22.55 <span>-0.34</span> <span>0.00</span>	21.39 <span>-0.20</span> <span>0.00</span>	20.10 <span>-0.25</span> <span>0.00</span>	20.04 <span>-0.28</span> <span>0.00</span>	21.20 <span>-0.15</span> <span>0.00</span>	21.21 <span>-0.20</span> <span>0.00</span>	19.81 <span>-0.14</span> <span>0.00</span>	16.25 <span>-0.09</span> <span>0.00</span>	14.00 <span>-0.22</span> <span>0.00</span>
PJM 61847	2.13 <span>0.09</span> <span>0.00</span>	2.12 <span>0.09</span> <span>0.00</span>	0.20 <span>0.01</span> <span>0.00</span>	-0.09 <span>-0.01</span> <span>0.00</span>	2.15 <span>0.08</span> <span>-0.07</span>	5.11 <span>0.19</span> <span>0.07</span>	3.90 <span>0.14</span> <span>0.00</span>	7.11 <span>0.25</span> <span>0.00</span>	14.73 <span>0.57</span> <span>0.00</span>	13.88 <span>0.50</span> <span>0.00</span>	15.66 <span>0.67</span> <span>0.00</span>	17.41 <span>0.79</span> <span>0.00</span>	17.02 <span>0.71</span> <span>0.00</span>	15.69 <span>0.58</span> <span>0.00</span>	19.69 <span>0.72</span> <span>-1.47</span>	23.89 <span>1.00</span> <span>0.00</span>	22.57 <span>0.98</span> <span>0.00</span>	21.14 <span>0.79</span> <span>0.00</span>	21.07 <span>0.75</span> <span>0.00</span>	22.20 <span>0.84</span> <span>0.00</span>	22.24 <span>0.83</span> <span>0.00</span>	20.75 <span>0.80</span> <span>0.00</span>	17.10 <span>0.76</span> <span>0.00</span>	14.86 <span>0.63</span> <span>0.00</span>
WEST 61752	2.06 <span>0.03</span> <span>0.00</span>	2.05 <span>0.02</span> <span>0.00</span>	0.19 <span>0.00</span> <span>0.00</span>	-0.10 <span>-0.02</span> <span>0.00</span>	2.05 <span>0.05</span> <span>0.00</span>	5.03 <span>0.05</span> <span>0.00</span>	3.80 <span>0.04</span> <span>0.00</span>	6.85 <span>-0.01</span> <span>0.00</span>	14.18 <span>0.02</span> <span>0.00</span>	13.33 <span>-0.06</span> <span>0.00</span>	14.99 <span>-0.01</span> <span>0.00</span>	16.62 <span>-0.01</span> <span>0.00</span>	16.31 <span>0.00</span> <span>0.00</span>	15.01 <span>-0.10</span> <span>0.00</span>	25.45 <span>-0.06</span> <span>-8.02</span>	23.03 <span>0.14</span> <span>0.00</span>	21.85 <span>0.26</span> <span>0.00</span>	20.56 <span>0.21</span> <span>0.00</span>	20.50 <span>0.18</span> <span>0.00</span>	21.69 <span>0.34</span> <span>0.00</span>	21.71 <span>0.29</span> <span>0.00</span>	20.27 <span>0.32</span> <span>0.00</span>	16.61 <span>0.27</span> <span>0.00</span>	14.28 <span>0.06</span> <span>0.00</span>