

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

04/28/2017

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	24.46	21.78	20.58	20.00	20.90	20.86	24.22	25.35	27.66	29.28	30.41	31.70	31.00	29.61	30.06	29.56	29.92	30.61	28.99	30.32	33.58	24.87	22.71	27.41
61757	0.60	0.59	0.56	0.55	0.52	0.64	1.32	1.39	1.42	1.50	1.56	1.62	1.64	1.60	1.62	1.59	1.64	1.72	1.56	1.61	1.81	1.36	1.25	0.89
	-12.76	-10.54	-10.18	-9.56	-11.31	-9.39	-0.52	-0.37	-0.44	-0.49	-0.52	-0.56	-0.54	-0.50	-0.51	-0.50	-0.57	-0.62	-0.44	-0.51	-0.52	-0.11	-0.33	-9.77
CENTRL	12.57	11.87	11.00	11.00	10.37	12.00	22.69	23.93	26.27	27.76	28.83	30.14	29.40	27.90	28.26	27.77	28.06	28.69	27.31	28.57	31.65	23.66	21.24	17.93
61754	0.21	0.17	0.16	0.17	0.17	0.23	0.29	0.33	0.46	0.46	0.51	0.62	0.58	0.39	0.34	0.30	0.33	0.42	0.32	0.37	0.41	0.26	0.11	0.20
	-1.27	-1.05	-1.01	-0.95	-1.13	-0.94	-0.02	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	-0.97
DUNWOD	21.29	19.20	17.98	17.62	17.95	18.47	25.06	26.38	28.95	30.62	31.84	33.09	32.36	30.98	31.50	30.98	31.32	31.94	30.47	31.87	35.34	26.42	23.78	25.51
61760	1.28	1.18	1.06	1.06	0.98	1.16	2.53	2.78	3.15	3.33	3.51	3.57	3.54	3.47	3.58	3.52	3.60	3.67	3.48	3.66	4.09	3.02	2.64	2.03
	-8.92	-7.37	-7.08	-6.68	-7.90	-6.48	-0.16	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	-6.72
GENESE	12.28	11.61	10.75	10.74	10.09	11.77	22.55	23.76	26.09	27.54	28.61	30.05	29.34	27.71	28.01	27.52	27.81	28.29	26.90	28.15	31.19	23.29	20.78	17.50
61753	0.18	0.12	0.11	0.10	0.12	0.20	0.16	0.17	0.28	0.25	0.28	0.53	0.52	0.19	0.08	0.06	0.08	0.03	-0.08	-0.06	-0.06	-0.12	-0.36	-0.03
	-1.01	-0.84	-0.81	-0.76	-0.90	-0.74	-0.02	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	-0.77
H Q	10.66	10.25	9.19	9.51	8.73	10.41	18.91	20.36	21.99	23.12	23.19	24.34	23.60	22.37	22.79	22.36	22.55	23.17	23.13	23.85	26.69	21.85	18.25	15.18
61844	-0.43	-0.40	-0.36	-0.37	-0.34	-0.42	-0.80	-0.85	-0.95	-0.98	-1.05	-1.12	-1.10	-1.02	-1.03	-1.02	-1.05	-1.07	-1.00	-1.04	-1.16	-0.87	-0.76	-0.62
	0.00	0.00	0.28	0.00	0.00	0.00	2.66	2.38	2.86	3.20	4.09	4.05	4.12	4.13	4.11	4.09	4.12	4.02	2.86	3.32	3.40	0.69	2.12	0.96
HUD VL	21.05	19.02	17.80	17.45	17.77	18.28	24.82	26.03	28.57	30.24	31.44	32.68	31.90	30.52	31.00	30.49	30.83	31.43	29.98	31.36	34.78	26.02	23.46	25.22
61758	1.13	1.08	0.95	0.96	0.87	1.03	2.28	2.43	2.76	2.95	3.12	3.16	3.09	3.00	3.07	3.02	3.10	3.17	2.99	3.16	3.53	2.62	2.32	1.79
	-8.83	-7.29	-7.01	-6.61	-7.82	-6.42	-0.16	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	-6.66
LONGIL	21.86	19.70	18.37	18.03	18.34	18.96	33.52	34.90	38.00	41.40	40.57	38.90	38.44	44.26	38.56	38.00	44.22	42.99	37.77	33.70	37.47	32.78	26.14	27.11
61762	1.84	1.67	1.45	1.46	1.37	1.65	3.49	3.77	4.31	4.53	4.65	4.72	4.81	4.60	4.77	4.70	4.80	4.89	4.72	5.05	5.47	4.05	3.61	2.87
	-8.93	-7.37	-7.09	-6.69	-7.90	-6.48	-7.66	-7.53	-7.89	-9.58	-7.60	-4.66	-4.81	-12.14	-5.86	-5.84	-11.70	-9.83	-6.07	-0.45	-0.75	-5.32	-1.39	-7.49
MHK VL	12.59	11.92	10.93	11.04	10.39	11.66	22.14	23.24	25.38	26.80	27.71	28.88	28.17	26.93	27.27	26.87	27.13	27.77	26.77	27.87	31.03	23.81	20.92	17.76
61756	0.22	0.21	0.20	0.21	0.19	0.26	0.60	0.71	0.85	0.93	0.91	1.00	0.92	0.85	0.84	0.85	0.78	0.82	0.73	0.76	0.91	0.63	0.49	0.40
	-1.27	-1.05	-0.89	-0.95	-1.13	-0.57	0.84	1.06	1.28	1.42	1.52	1.64	1.57	1.44	1.49	1.44	1.37	1.32	0.94	1.09	1.12	0.23	0.70	-0.60
MILLWD	21.39	19.31	18.08	17.71	18.07	18.55	25.02	26.28	28.82	30.54	31.81	33.06	32.31	30.93	31.48	30.93	31.30	31.86	30.38	31.76	35.18	26.33	23.71	25.55
61759	1.24	1.17	1.05	1.05	0.97	1.13	2.48	2.69	3.02	3.25	3.48	3.54	3.49	3.41	3.55	3.46	3.58	3.59	3.40	3.55	3.94	2.93	2.58	1.96
	-9.06	-7.48	-7.19	-6.79	-8.03	-6.59	-0.16	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	-6.84
N.Y.C.	21.36	19.25	18.00	17.64	17.98	18.50	25.22	29.82	35.00	39.10	41.08	41.29	41.29	42.93	43.54	42.90	43.50	44.00	41.29	39.10	39.00	33.73	28.83	26.94
61761	1.35	1.24	1.09	1.09	1.01	1.19	2.68	2.97	3.35	3.55	3.74	3.81	3.80	3.71	3.80	3.73	3.83	3.90	3.72	3.89	4.34	3.23	2.83	2.18
	-8.92	-7.36	-7.08	-6.68	-7.90	-6.48	-0.16	-3.25	-5.84	-8.26	-9.01	-7.96	-8.67	-11.70	-11.81	-11.70	-11.95	-11.83	-10.58	-7.00	-3.41	-7.09	-4.86	-8.00
NORTH	10.38	9.99	8.00	9.26	8.48	7.02	12.82	12.03	12.09	12.10	12.11	12.12	12.02	12.06	12.03	12.04	12.36	12.06	15.02	14.51	17.07	19.51	12.16	12.23
61755	-0.71	-0.66	-0.62	-0.62	-0.59	-0.68	-1.32	-1.37	-1.47	-1.53	-1.59	-1.68	-1.73	-1.60	-1.59	-1.56	-1.66	-1.73	-1.62	-1.69	-1.87	-1.40	-1.29	-1.06
	0.00	0.00	1.21	0.00	0.00	3.13	8.24	10.19	12.24	13.67	14.63	15.71	15.08	13.86	14.31	13.87	13.70	14.48	10.34	12.00	12.30	2.49	7.68	3.48
NPX	22.84	20.48	19.23	18.80	19.41	20.31	23.74	25.60	27.89	29.50	30.62	31.88	31.21	29.86	30.33	29.80	30.11	30.72	29.30	30.60	33.94	25.42	22.97	26.30
61845	0.94	0.90	0.82	0.82	0.76	0.90	1.90	2.00	2.09	2.21	2.29	2.36	2.39	2.34	2.40	2.33	2.38	2.46	2.32	2.40	2.69	2.01	1.84	1.39
	-10.81	-8.93	-8.58	-8.10	-9.58	-8.59	0.54	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	-8.15

O H 61846	12.34 <b>-0.12</b> <b>-1.36</b>	11.60 <b>-0.18</b> <b>-1.13</b>	10.77 <b>-0.15</b> <b>-1.08</b>	10.73 <b>-0.17</b> <b>-1.02</b>	10.18 <b>-0.10</b> <b>-1.21</b>	12.44 <b>-0.23</b> <b>-1.83</b>	20.42 <b>-1.25</b> <b>0.71</b>	22.11 <b>-1.49</b> <b>0.00</b>	24.38 <b>-1.42</b> <b>0.00</b>	25.55 <b>-1.75</b> <b>0.00</b>	26.57 <b>-1.76</b> <b>0.00</b>	24.05 <b>-1.39</b> <b>4.08</b>	23.10 <b>-1.38</b> <b>4.34</b>	25.65 <b>-1.87</b> <b>0.00</b>	25.92 <b>-2.01</b> <b>0.00</b>	25.38 <b>-2.09</b> <b>0.00</b>	25.84 <b>-1.89</b> <b>0.00</b>	26.99 <b>-1.27</b> <b>0.00</b>	25.63 <b>-1.35</b> <b>0.00</b>	26.88 <b>-1.33</b> <b>0.00</b>	29.72 <b>-1.53</b> <b>0.00</b>	22.16 <b>-1.24</b> <b>0.00</b>	19.78 <b>-1.35</b> <b>0.00</b>	17.07 <b>-0.72</b> <b>-1.03</b>
PJM 61847	16.33 <b>0.50</b> <b>-4.73</b>	15.00 <b>0.44</b> <b>-3.91</b>	14.00 <b>0.40</b> <b>-3.76</b>	13.82 <b>0.40</b> <b>-3.55</b>	13.65 <b>0.39</b> <b>-4.19</b>	15.46 <b>0.41</b> <b>-4.22</b>	22.29 <b>0.56</b> <b>0.65</b>	24.19 <b>0.59</b> <b>0.00</b>	26.60 <b>0.80</b> <b>0.00</b>	28.03 <b>0.74</b> <b>0.00</b>	29.15 <b>0.82</b> <b>0.00</b>	30.64 <b>1.00</b> <b>-0.12</b>	29.80 <b>0.98</b> <b>0.00</b>	28.21 <b>0.69</b> <b>0.00</b>	28.60 <b>0.67</b> <b>0.00</b>	28.10 <b>0.63</b> <b>0.00</b>	28.50 <b>0.78</b> <b>0.00</b>	29.37 <b>1.10</b> <b>0.00</b>	27.95 <b>0.97</b> <b>0.00</b>	29.28 <b>1.07</b> <b>0.00</b>	32.43 <b>1.19</b> <b>0.00</b>	24.20 <b>0.80</b> <b>0.00</b>	21.71 <b>0.57</b> <b>0.00</b>	20.90 <b>0.57</b> <b>-3.57</b>
WEST 61752	12.50 <b>0.09</b> <b>-1.32</b>	11.76 <b>0.01</b> <b>-1.09</b>	10.91 <b>0.03</b> <b>-1.05</b>	10.87 <b>0.00</b> <b>-0.99</b>	10.30 <b>0.06</b> <b>-1.17</b>	11.84 <b>-0.04</b> <b>-1.06</b>	21.51 <b>-0.90</b> <b>-0.03</b>	22.51 <b>-1.09</b> <b>0.00</b>	24.85 <b>-0.95</b> <b>0.00</b>	26.04 <b>-1.26</b> <b>0.00</b>	27.14 <b>-1.19</b> <b>0.00</b>	28.81 <b>-0.71</b> <b>0.00</b>	28.10 <b>-0.72</b> <b>0.00</b>	26.25 <b>-1.27</b> <b>0.00</b>	26.47 <b>-1.45</b> <b>0.00</b>	25.90 <b>-1.56</b> <b>0.00</b>	26.36 <b>-1.36</b> <b>0.00</b>	27.56 <b>-0.71</b> <b>0.00</b>	26.09 <b>-0.89</b> <b>0.00</b>	27.36 <b>-0.85</b> <b>0.00</b>	30.28 <b>-0.97</b> <b>0.00</b>	22.56 <b>-0.84</b> <b>0.00</b>	20.10 <b>-1.04</b> <b>0.00</b>	17.31 <b>-0.45</b> <b>-1.00</b>