

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

04/08/2020

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
59TH STREET_GT_1	13.05	11.85	11.02	11.13	11.52	11.64	13.45	14.71	15.00	16.17	15.53	15.53	14.85	14.50	13.53	13.49	14.26	16.25	16.60	17.91	17.57	16.07	13.82	13.75
24138	0.80	0.67	0.59	0.58	0.73	0.80	0.89	1.20	1.34	1.41	1.42	1.38	1.35	1.32	1.07	1.06	1.15	1.38	1.40	1.47	1.47	1.31	1.11	0.74
	-3.35	-3.51	-3.66	-3.75	-2.44	-1.53	-2.41	-0.48	-0.21	-1.00	-0.35	-0.93	-0.30	-0.07	-1.71	-1.83	-1.75	-1.65	-1.47	-2.05	-1.66	-1.55	-1.56	-5.24
74TH STREET_GT_1	13.04	11.85	11.01	11.13	11.52	11.64	13.44	14.69	14.98	16.14	15.52	15.51	14.83	14.47	13.51	13.48	14.25	16.22	16.57	17.88	17.55	16.05	13.81	13.74
24260	0.79	0.67	0.58	0.58	0.73	0.79	0.88	1.17	1.32	1.38	1.41	1.35	1.32	1.30	1.04	1.05	1.14	1.35	1.37	1.44	1.46	1.28	1.10	0.73
	-3.35	-3.51	-3.66	-3.75	-2.44	-1.53	-2.41	-0.48	-0.21	-1.00	-0.35	-0.93	-0.30	-0.07	-1.71	-1.83	-1.75	-1.65	-1.47	-2.05	-1.66	-1.56	-1.56	-5.24
74TH STREET_GT_2	13.04	11.85	11.01	11.13	11.52	11.64	13.44	14.69	14.98	16.14	15.52	15.51	14.83	14.47	13.51	13.48	14.25	16.22	16.57	17.88	17.55	16.05	13.81	13.74
24261	0.79	0.67	0.58	0.58	0.73	0.79	0.88	1.17	1.32	1.38	1.41	1.35	1.32	1.30	1.04	1.05	1.14	1.35	1.37	1.44	1.46	1.28	1.10	0.73
	-3.35	-3.51	-3.66	-3.75	-2.44	-1.53	-2.41	-0.48	-0.21	-1.00	-0.35	-0.93	-0.30	-0.07	-1.71	-1.83	-1.75	-1.65	-1.47	-2.05	-1.66	-1.56	-1.56	-5.24
ADK HUDSON___FALLS	14.18	13.10	12.33	12.48	12.35	12.19	14.33	14.73	14.82	16.26	15.30	15.48	14.66	14.21	13.96	13.88	14.58	16.40	16.70	18.22	17.73	16.42	14.14	15.52
24011	0.70	0.63	0.56	0.56	0.66	0.78	0.89	1.04	1.09	1.13	1.06	0.98	1.04	1.01	0.87	0.78	0.83	0.93	0.96	1.02	1.03	1.08	0.86	0.58
	-4.58	-4.80	-5.00	-5.13	-3.34	-2.09	-3.29	-0.65	-0.28	-1.36	-0.48	-1.27	-0.40	-0.10	-2.33	-2.50	-2.39	-2.25	-2.01	-2.81	-2.27	-2.13	-2.14	-7.17
ADK RESOURCE___RCVRY	14.21	13.13	12.36	12.50	12.38	12.23	14.35	14.76	14.84	16.27	15.33	15.49	14.67	14.22	13.99	13.89	14.59	16.41	16.72	18.26	17.77	16.49	14.17	15.55
23798	0.73	0.65	0.58	0.58	0.69	0.82	0.91	1.07	1.10	1.14	1.09	0.99	1.06	1.02	0.89	0.78	0.84	0.93	0.97	1.06	1.07	1.15	0.89	0.61
	-4.59	-4.81	-5.01	-5.14	-3.34	-2.09	-3.29	-0.65	-0.29	-1.36	-0.48	-1.27	-0.41	-0.10	-2.33	-2.50	-2.39	-2.26	-2.02	-2.81	-2.27	-2.13	-2.14	-7.17
ADK S GLENS___FALLS	14.18	13.10	12.33	12.48	12.35	12.19	14.33	14.73	14.82	16.26	15.30	15.48	14.66	14.21	13.96	13.88	14.58	16.40	16.70	18.22	17.73	16.42	14.14	15.52
24028	0.70	0.63	0.56	0.56	0.66	0.78	0.89	1.04	1.09	1.13	1.06	0.98	1.04	1.01	0.87	0.78	0.83	0.93	0.96	1.02	1.03	1.08	0.86	0.58
	-4.58	-4.80	-5.00	-5.13	-3.34	-2.09	-3.29	-0.65	-0.28	-1.36	-0.48	-1.27	-0.40	-0.10	-2.33	-2.50	-2.39	-2.25	-2.01	-2.81	-2.27	-2.13	-2.14	-7.17
ADK_NYS___DAM	13.97	12.88	12.09	12.23	12.21	12.07	14.12	14.70	14.82	16.21	15.35	15.51	14.67	14.25	13.86	13.85	14.57	16.46	16.78	18.28	17.81	16.34	14.11	15.24
23527	0.70	0.62	0.55	0.54	0.67	0.75	0.83	1.04	1.10	1.14	1.13	1.07	1.07	1.05	0.87	0.86	0.92	1.08	1.13	1.21	1.21	1.10	0.92	0.63
	-4.38	-4.59	-4.78	-4.90	-3.19	-2.00	-3.14	-0.62	-0.27	-1.30	-0.45	-1.22	-0.39	-0.09	-2.23	-2.39	-2.28	-2.15	-1.93	-2.68	-2.17	-2.03	-2.04	-6.84
AIR_PRODUCTS___DRP	13.70	12.62	11.86	12.00	11.95	11.80	13.73	14.24	14.27	15.60	14.77	14.95	14.12	13.73	13.40	13.40	14.08	15.88	16.17	17.64	17.16	15.75	13.62	14.87
24190	0.49	0.43	0.38	0.38	0.46	0.51	0.49	0.59	0.55	0.55	0.55	0.53	0.53	0.54	0.44	0.45	0.47	0.53	0.55	0.60	0.59	0.54	0.47	0.36
	-4.32	-4.52	-4.71	-4.83	-3.14	-1.97	-3.10	-0.61	-0.27	-1.28	-0.45	-1.20	-0.38	-0.09	-2.20	-2.35	-2.25	-2.12	-1.90	-2.64	-2.14	-2.00	-2.01	-6.75
ALBANY___1	13.70	12.62	11.86	12.00	11.95	11.80	13.73	14.24	14.27	15.60	14.77	14.95	14.12	13.73	13.40	13.40	14.08	15.88	16.17	17.64	17.16	15.75	13.62	14.87
23571	0.49	0.43	0.38	0.38	0.46	0.51	0.49	0.59	0.55	0.55	0.55	0.53	0.53	0.54	0.44	0.45	0.47	0.53	0.55	0.60	0.59	0.54	0.47	0.36
	-4.32	-4.52	-4.71	-4.83	-3.14	-1.97	-3.10	-0.61	-0.27	-1.28	-0.45	-1.20	-0.38	-0.09	-2.20	-2.35	-2.25	-2.12	-1.90	-2.64	-2.14	-2.00	-2.01	-6.75
ALBANY___2	13.70	12.62	11.86	12.00	11.95	11.80	13.73	14.24	14.27	15.60	14.77	14.95	14.12	13.73	13.40	13.40	14.08	15.88	16.17	17.64	17.16	15.75	13.62	14.87
23572	0.49	0.43	0.38	0.38	0.46	0.51	0.49	0.59	0.55	0.55	0.55	0.53	0.53	0.54	0.44	0.45	0.47	0.53	0.55	0.60	0.59	0.54	0.47	0.36
	-4.32	-4.52	-4.71	-4.83	-3.14	-1.97	-3.10	-0.61	-0.27	-1.28	-0.45	-1.20	-0.38	-0.09	-2.20	-2.35	-2.25	-2.12	-1.90	-2.64	-2.14	-2.00	-2.01	-6.75
ALBANY___3	13.70	12.62	11.86	12.00	11.95	11.80	13.73	14.24	14.27	15.60	14.77	14.95	14.12	13.73	13.40	13.40	14.08	15.88	16.17	17.64	17.16	15.75	13.62	14.87
23573	0.49	0.43	0.38	0.38	0.46	0.51	0.49	0.59	0.55	0.55	0.55	0.53	0.53	0.54	0.44	0.45	0.47	0.53	0.55	0.60	0.59	0.54	0.47	0.36
	-4.32	-4.52	-4.71	-4.83	-3.14	-1.97	-3.10	-0.61	-0.27	-1.28	-0.45	-1.20	-0.38	-0.09	-2.20	-2.35	-2.25	-2.12	-1.90	-2.64	-2.14	-2.00	-2.01	-6.75
ALBANY___4	13.70	12.62	11.86	12.00	11.95	11.80	13.73	14.24	14.27	15.60	14.77	14.95	14.12	13.73	13.40	13.40	14.08	15.88	16.17	17.64	17.16	15.75	13.62	14.87
23574	0.49	0.43	0.38	0.38	0.46	0.51	0.49	0.59	0.55	0.55	0.55	0.53	0.53	0.54	0.44	0.45	0.47	0.53	0.55	0.60	0.59	0.54	0.47	0.36
	-4.32	-4.52	-4.71	-4.83	-3.14	-1.97	-3.10	-0.61	-0.27	-1.28	-0.45	-1.20	-0.38	-0.09	-2.20	-2.35	-2.25	-2.12	-1.90	-2.64	-2.14	-2.00	-2.01	-6.75

ALBANY___LFGE 323615	13.85 0.55 -4.40	12.76 0.48 -4.61	12.00 0.43 -4.80	12.15 0.43 -4.93	12.07 0.52 -3.20	11.91 0.59 -2.01	13.89 0.58 -3.16	14.36 0.70 -0.62	14.42 0.70 -0.27	15.78 0.70 -1.31	14.93 0.70 -0.46	15.11 0.66 -1.22	14.27 0.67 -0.39	13.87 0.67 -0.10	13.56 0.56 -2.24	13.56 0.56 -2.40	14.25 0.59 -2.29	16.06 0.67 -2.17	16.35 0.69 -1.94	17.85 0.76 -2.69	17.36 0.75 -2.18	15.94 0.69 -2.04	13.79 0.59 -2.05	15.08 0.43 -6.88
ALCOA_RYNLDS___DRP 24188	8.40 -0.50 0.00	7.23 -0.44 0.00	6.39 -0.39 0.00	6.42 -0.37 0.00	7.88 -0.47 0.00	8.80 -0.51 0.00	9.62 -0.53 0.00	12.41 -0.63 0.00	12.75 -0.70 0.00	13.01 -0.76 0.00	13.01 -0.76 0.00	12.52 -0.70 0.00	12.54 -0.67 0.00	12.46 -0.64 0.00	10.28 -0.48 0.00	10.09 -0.51 0.00	10.81 -0.56 0.00	12.52 -0.70 0.00	13.00 -0.73 0.00	13.58 -0.81 0.00	13.63 -0.81 0.00	12.52 -0.69 0.00	10.54 -0.60 0.00	7.34 -0.43 0.00
ALCOA___DSASP 323711	8.40 -0.50 0.00	7.23 -0.44 0.00	6.39 -0.39 0.00	6.42 -0.37 0.00	7.88 -0.47 0.00	8.80 -0.51 0.00	9.62 -0.53 0.00	12.41 -0.63 0.00	12.75 -0.70 0.00	13.01 -0.76 0.00	13.01 -0.76 0.00	12.52 -0.70 0.00	12.54 -0.67 0.00	12.46 -0.64 0.00	10.28 -0.48 0.00	10.09 -0.51 0.00	10.81 -0.56 0.00	12.52 -0.70 0.00	13.00 -0.73 0.00	13.58 -0.81 0.00	13.63 -0.81 0.00	12.52 -0.69 0.00	10.54 -0.60 0.00	7.34 -0.43 0.00
ALLEGHENY___COGEN 23514	9.73 0.25 -0.59	8.51 0.23 -0.61	7.61 0.20 -0.64	7.63 0.18 -0.66	9.00 0.23 -0.43	9.85 0.27 -0.27	11.30 0.62 -0.53	13.88 0.74 -0.11	14.33 0.82 -0.06	15.04 0.98 -0.30	14.81 0.95 -0.09	14.33 0.89 -0.22	14.07 0.78 -0.08	13.81 0.69 -0.02	11.68 0.55 -0.37	11.56 0.56 -0.40	12.40 0.65 -0.38	14.43 0.85 -0.36	14.98 0.93 -0.32	15.24 0.49 -0.36	15.27 0.55 -0.29	13.87 0.38 -0.27	11.73 0.31 -0.27	8.89 0.20 -0.92
ALTONA_WT_PWR 323606	8.54 -0.36 0.00	7.34 -0.32 0.00	6.48 -0.29 0.00	6.54 -0.25 0.00	8.03 -0.33 0.00	8.92 -0.39 0.00	9.75 -0.40 0.00	12.55 -0.48 0.00	12.87 -0.58 0.00	13.16 -0.61 0.00	13.16 -0.61 0.00	12.68 -0.54 0.00	12.69 -0.52 0.00	12.62 -0.48 0.00	10.43 -0.33 0.00	10.23 -0.37 0.00	10.97 -0.40 0.00	12.71 -0.52 0.00	13.19 -0.54 0.00	13.76 -0.63 0.00	13.80 -0.63 0.00	12.67 -0.54 0.00	10.65 -0.49 0.00	7.46 -0.31 0.00
AMERICAN_REF_FUEL 24010	8.89 -0.52 -0.52	7.80 -0.41 -0.54	7.02 -0.32 -0.56	7.01 -0.36 -0.58	8.26 -0.47 -0.38	8.99 -0.56 -0.24	9.74 -0.78 -0.37	11.99 -1.12 -0.07	12.32 -1.13 0.00	12.73 -1.10 -0.07	12.73 -1.06 -0.02	12.30 -1.03 -0.10	12.15 -1.07 -0.01	12.00 -1.11 -0.01	10.14 -0.88 -0.26	10.06 -0.82 -0.28	10.77 -0.86 -0.27	12.59 -0.89 -0.25	12.99 -0.96 -0.23	13.79 -0.92 -0.32	13.77 -0.92 -0.26	12.47 -0.98 -0.24	10.61 -0.77 -0.24	8.08 -0.50 -0.81
ARKWRIGHT___SUMMIT_WT_PWR 323751	9.24 -0.23 -0.58	8.10 -0.18 -0.61	7.29 -0.12 -0.63	7.34 -0.10 -0.65	8.65 -0.13 -0.42	9.44 -0.14 -0.26	10.31 -0.25 -0.42	12.84 -0.27 -0.08	13.31 -0.22 -0.08	13.95 -0.16 -0.34	13.72 -0.15 -0.10	13.26 -0.17 -0.20	13.06 -0.24 -0.09	12.81 -0.30 -0.01	10.84 -0.22 -0.30	10.73 -0.19 -0.32	11.50 -0.17 -0.30	13.43 -0.08 -0.29	13.79 -0.19 -0.26	14.67 -0.07 -0.35	14.65 -0.07 -0.29	13.27 -0.21 -0.27	11.21 -0.20 -0.27	8.50 -0.17 -0.90
ARTHUR_KILL_GT_1 23520	13.07 0.83 -3.35	11.86 0.67 -3.51	11.01 0.58 -3.66	11.12 0.58 -3.75	11.51 0.72 -2.44	11.60 0.75 -1.53	13.37 0.81 -2.41	14.57 1.06 -0.48	14.85 1.20 -0.21	16.02 1.25 -1.00	15.41 1.29 -0.35	15.41 1.26 -0.93	14.73 1.23 -0.30	14.38 1.20 -0.07	13.45 0.98 -1.71	13.42 0.99 -1.83	14.19 1.08 -1.75	16.16 1.28 -1.65	16.50 1.30 -1.47	17.84 1.40 -2.05	17.49 1.40 -1.66	16.02 1.26 -1.56	13.80 1.09 -1.56	13.74 0.73 -5.24
ARTHUR_KILL_2 23512	13.06 0.81 -3.35	11.84 0.66 -3.51	10.99 0.56 -3.66	11.10 0.56 -3.75	11.49 0.70 -2.44	11.57 0.73 -1.53	13.35 0.79 -2.41	14.54 1.03 -0.48	14.83 1.17 -0.21	15.98 1.21 -1.00	15.37 1.25 -0.35	15.39 1.23 -0.93	14.71 1.20 -0.30	14.36 1.18 -0.07	13.42 0.95 -1.71	13.38 0.95 -1.83	14.17 1.06 -1.75	16.12 1.24 -1.65	16.48 1.28 -1.47	17.79 1.35 -2.05	17.45 1.36 -1.66	15.98 1.21 -1.56	13.77 1.07 -1.56	13.72 0.71 -5.24
ARTHUR_KILL_3 23513	13.05 0.80 -3.35	11.85 0.67 -3.51	11.02 0.59 -3.66	11.13 0.58 -3.75	11.52 0.73 -2.44	11.64 0.80 -1.53	13.46 0.90 -2.41	14.71 1.20 -0.48	15.01 1.36 -0.21	16.17 1.41 -1.00	15.55 1.43 -0.35	15.54 1.39 -0.93	14.87 1.36 -0.30	14.51 1.34 -0.07	13.54 1.08 -1.71	13.50 1.07 -1.83	14.27 1.16 -1.75	16.25 1.38 -1.65	16.59 1.39 -1.47	17.89 1.45 -2.05	17.55 1.46 -1.66	16.07 1.31 -1.55	13.83 1.12 -1.56	13.75 0.74 -5.24
ARTHUR_KILL_COGEN 323718	13.07 0.83 -3.35	11.86 0.67 -3.51	11.01 0.58 -3.66	11.12 0.58 -3.75	11.51 0.72 -2.44	11.60 0.75 -1.53	13.37 0.81 -2.41	14.57 1.06 -0.48	14.85 1.20 -0.21	16.02 1.25 -1.00	15.41 1.29 -0.35	15.41 1.26 -0.93	14.73 1.23 -0.30	14.38 1.20 -0.07	13.45 0.98 -1.71	13.42 0.99 -1.83	14.19 1.08 -1.75	16.16 1.28 -1.65	16.50 1.30 -1.47	17.84 1.40 -2.05	17.49 1.40 -1.66	16.02 1.26 -1.56	13.80 1.09 -1.56	13.74 0.73 -5.24
ASHOKAN____ 23654	13.22 0.76 -3.57	12.03 0.63 -3.74	11.20 0.54 -3.89	11.34 0.56 -3.99	11.67 0.73 -2.60	11.71 0.76 -1.63	13.55 0.84 -2.56	14.61 1.07 -0.51	14.85 1.18 -0.22	16.04 1.21 -1.06	15.28 1.14 -0.37	15.27 1.06 -0.99	14.56 1.03 -0.32	14.23 1.05 -0.08	13.41 0.83 -1.82	13.34 0.80 -1.94	14.09 0.86 -1.86	16.13 1.15 -1.76	16.67 1.37 -1.57	17.94 1.37 -2.18	17.59 1.39 -1.76	16.04 1.18 -1.65	13.81 1.00 -1.66	14.02 0.68 -5.58
ASTORIA_EAST_ENERGY_CC1 323581	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.89 1.24 -0.20	16.04 1.28 -0.99	15.43 1.32 -0.34	15.43 1.28 -0.92	14.75 1.26 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.79 1.35 -2.04	17.44 1.36 -1.65	15.96 1.20 -1.55	13.77 1.07 -1.56	13.72 0.71 -5.24
ASTORIA_EAST_ENERGY_CC2 323582	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.89 1.24 -0.20	16.04 1.28 -0.99	15.43 1.32 -0.34	15.43 1.28 -0.92	14.75 1.26 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.79 1.35 -2.04	17.44 1.36 -1.65	15.96 1.20 -1.55	13.77 1.07 -1.56	13.72 0.71 -5.24
ASTORIA_GT2_I 24094	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24

ASTORIA_GT2_2 24095	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24
ASTORIA_GT2_3 24096	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24
ASTORIA_GT2_4 24097	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24
ASTORIA_GT3_1 24098	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24
ASTORIA_GT3_2 24099	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24
ASTORIA_GT3_3 24100	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24
ASTORIA_GT3_4 24101	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24
ASTORIA_GT4_1 24102	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24
ASTORIA_GT4_2 24103	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24
ASTORIA_GT4_3 24104	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24
ASTORIA_GT4_4 24105	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24
ASTORIA_GT_1 23523	13.14 0.90 -3.35	11.92 0.74 -3.51	11.06 0.64 -3.66	11.17 0.62 -3.75	11.58 0.78 -2.44	11.66 0.82 -1.53	13.43 0.87 -2.41	14.60 1.10 -0.47	14.91 1.26 -0.20	16.07 1.31 -0.99	15.46 1.35 -0.34	15.46 1.31 -0.92	14.78 1.28 -0.29	14.43 1.26 -0.06	13.48 1.02 -1.70	13.45 1.03 -1.82	14.22 1.11 -1.74	16.16 1.30 -1.64	16.51 1.32 -1.47	17.82 1.38 -2.04	17.47 1.39 -1.65	15.99 1.23 -1.55	13.80 1.09 -1.56	13.74 0.73 -5.24
ASTORIA_GT_10 24110	13.09 0.85 -3.35	11.88 0.70 -3.51	11.04 0.61 -3.66	11.15 0.60 -3.75	11.54 0.75 -2.44	11.65 0.80 -1.53	13.44 0.88 -2.41	14.67 1.16 -0.48	14.98 1.32 -0.21	16.13 1.36 -1.00	15.52 1.41 -0.35	15.52 1.36 -0.93	14.84 1.33 -0.30	14.49 1.31 -0.07	13.53 1.07 -1.71	13.49 1.06 -1.83	14.26 1.15 -1.75	16.22 1.35 -1.65	16.57 1.37 -1.47	17.89 1.45 -2.05	17.55 1.46 -1.66	16.06 1.30 -1.56	13.83 1.12 -1.56	13.75 0.75 -5.24
ASTORIA_GT_11 24225	13.09 0.85 -3.35	11.88 0.70 -3.51	11.04 0.61 -3.66	11.15 0.60 -3.75	11.54 0.75 -2.44	11.65 0.80 -1.53	13.44 0.88 -2.41	14.67 1.16 -0.48	14.98 1.32 -0.21	16.13 1.36 -1.00	15.52 1.41 -0.35	15.52 1.36 -0.93	14.84 1.33 -0.30	14.49 1.31 -0.07	13.53 1.07 -1.71	13.49 1.06 -1.83	14.26 1.15 -1.75	16.22 1.35 -1.65	16.57 1.37 -1.47	17.89 1.45 -2.05	17.55 1.46 -1.66	16.06 1.30 -1.56	13.83 1.12 -1.56	13.75 0.75 -5.24
ASTORIA_GT_12 24226	13.09 0.85 -3.35	11.88 0.70 -3.51	11.04 0.61 -3.66	11.15 0.60 -3.75	11.54 0.75 -2.44	11.65 0.80 -1.53	13.44 0.88 -2.41	14.67 1.16 -0.48	14.98 1.32 -0.21	16.13 1.36 -1.00	15.52 1.41 -0.35	15.52 1.36 -0.93	14.84 1.33 -0.30	14.49 1.31 -0.07	13.53 1.07 -1.71	13.49 1.06 -1.83	14.26 1.15 -1.75	16.22 1.35 -1.65	16.57 1.37 -1.47	17.89 1.45 -2.05	17.55 1.46 -1.66	16.06 1.30 -1.56	13.83 1.12 -1.56	13.75 0.75 -5.24

ASTORIA_GT_13 24227	13.09 0.85 -3.35	11.88 0.70 -3.51	11.04 0.61 -3.66	11.15 0.60 -3.75	11.54 0.75 -2.44	11.65 0.80 -1.53	13.44 0.88 -2.41	14.67 1.16 -0.48	14.98 1.32 -0.21	16.13 1.36 -1.00	15.52 1.41 -0.35	15.52 1.36 -0.93	14.84 1.33 -0.30	14.49 1.31 -0.07	13.53 1.07 -1.71	13.49 1.06 -1.83	14.26 1.15 -1.75	16.22 1.35 -1.65	16.57 1.37 -1.47	17.89 1.45 -2.05	17.55 1.46 -1.66	16.06 1.30 -1.56	13.83 1.12 -1.56	13.75 0.75 -5.24
ASTORIA_GT_5 24106	13.14 0.90 -3.35	11.92 0.74 -3.51	11.06 0.64 -3.66	11.17 0.62 -3.75	11.58 0.78 -2.44	11.66 0.82 -1.53	13.43 0.87 -2.41	14.60 1.10 -0.47	14.91 1.26 -0.20	16.07 1.31 -0.99	15.46 1.35 -0.34	15.46 1.31 -0.92	14.78 1.28 -0.29	14.43 1.26 -0.06	13.48 1.02 -1.70	13.45 1.03 -1.82	14.22 1.11 -1.74	16.16 1.30 -1.64	16.51 1.32 -1.47	17.82 1.38 -2.04	17.47 1.39 -1.65	15.99 1.23 -1.55	13.80 1.09 -1.56	13.74 0.73 -5.24
ASTORIA_GT_7 24107	13.14 0.90 -3.35	11.92 0.74 -3.51	11.06 0.64 -3.66	11.17 0.62 -3.75	11.58 0.78 -2.44	11.66 0.82 -1.53	13.43 0.87 -2.41	14.60 1.10 -0.47	14.91 1.26 -0.20	16.07 1.31 -0.99	15.46 1.35 -0.34	15.46 1.31 -0.92	14.78 1.28 -0.29	14.43 1.26 -0.06	13.48 1.02 -1.70	13.45 1.03 -1.82	14.22 1.11 -1.74	16.16 1.30 -1.64	16.51 1.32 -1.47	17.82 1.38 -2.04	17.47 1.39 -1.65	15.99 1.23 -1.55	13.80 1.09 -1.56	13.74 0.73 -5.24
ASTORIA_GT_8 24108	13.14 0.90 -3.35	11.92 0.74 -3.51	11.06 0.64 -3.66	11.17 0.62 -3.75	11.58 0.78 -2.44	11.66 0.82 -1.53	13.43 0.87 -2.41	14.60 1.10 -0.47	14.91 1.26 -0.20	16.07 1.31 -0.99	15.46 1.35 -0.34	15.46 1.31 -0.92	14.78 1.28 -0.29	14.43 1.26 -0.06	13.48 1.02 -1.70	13.45 1.03 -1.82	14.22 1.11 -1.74	16.16 1.30 -1.64	16.51 1.32 -1.47	17.82 1.38 -2.04	17.47 1.39 -1.65	15.99 1.23 -1.55	13.80 1.09 -1.56	13.74 0.73 -5.24
ASTORIA___2 24149	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24
ASTORIA___3 23516	13.09 0.85 -3.35	11.88 0.70 -3.51	11.04 0.61 -3.66	11.15 0.60 -3.75	11.54 0.75 -2.44	11.65 0.80 -1.53	13.44 0.88 -2.41	14.67 1.16 -0.48	14.98 1.32 -0.21	16.13 1.36 -1.00	15.52 1.41 -0.35	15.52 1.36 -0.93	14.84 1.33 -0.30	14.49 1.31 -0.07	13.53 1.07 -1.71	13.49 1.06 -1.83	14.26 1.15 -1.75	16.22 1.35 -1.65	16.57 1.37 -1.47	17.89 1.45 -2.05	17.55 1.46 -1.66	16.06 1.30 -1.56	13.83 1.12 -1.56	13.75 0.75 -5.24
ASTORIA___4 23517	13.14 0.89 -3.35	11.91 0.73 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.04 1.28 -0.99	15.44 1.34 -0.34	15.43 1.28 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.46 1.00 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.48 1.29 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.77 1.07 -1.56	13.73 0.72 -5.24
ASTORIA___5 23518	13.09 0.85 -3.35	11.88 0.70 -3.51	11.04 0.61 -3.66	11.15 0.60 -3.75	11.54 0.75 -2.44	11.65 0.80 -1.53	13.44 0.88 -2.41	14.67 1.16 -0.48	14.98 1.32 -0.21	16.13 1.36 -1.00	15.52 1.41 -0.35	15.52 1.36 -0.93	14.84 1.33 -0.30	14.49 1.31 -0.07	13.53 1.07 -1.71	13.49 1.06 -1.83	14.26 1.15 -1.75	16.22 1.35 -1.65	16.57 1.37 -1.47	17.89 1.45 -2.05	17.55 1.46 -1.66	16.06 1.30 -1.56	13.83 1.12 -1.56	13.75 0.75 -5.24
AST_ENERGY_2_CC3 323677	13.05 0.80 -3.35	11.85 0.67 -3.51	11.02 0.59 -3.66	11.13 0.58 -3.75	11.52 0.73 -2.44	11.64 0.80 -1.53	13.45 0.89 -2.41	14.70 1.19 -0.48	15.00 1.34 -0.21	16.16 1.39 -1.00	15.53 1.42 -0.35	15.53 1.38 -0.93	14.85 1.35 -0.30	14.50 1.32 -0.07	13.53 1.07 -1.71	13.49 1.06 -1.83	14.26 1.15 -1.75	16.24 1.36 -1.65	16.59 1.39 -1.47	17.91 1.47 -2.05	17.57 1.47 -1.66	16.07 1.31 -1.55	13.82 1.11 -1.56	13.75 0.74 -5.24
AST_ENERGY_2_CC4 323678	13.05 0.80 -3.35	11.85 0.67 -3.51	11.02 0.59 -3.66	11.13 0.58 -3.75	11.52 0.73 -2.44	11.64 0.80 -1.53	13.45 0.89 -2.41	14.70 1.19 -0.48	15.00 1.34 -0.21	16.16 1.39 -1.00	15.53 1.42 -0.35	15.53 1.38 -0.93	14.85 1.35 -0.30	14.50 1.32 -0.07	13.53 1.07 -1.71	13.49 1.06 -1.83	14.26 1.15 -1.75	16.24 1.36 -1.65	16.59 1.39 -1.47	17.91 1.47 -2.05	17.57 1.47 -1.66	16.07 1.31 -1.55	13.82 1.11 -1.56	13.75 0.74 -5.24
ATHENS_STG_1 23668	13.13 0.52 -3.72	12.01 0.44 -3.90	11.23 0.39 -4.06	11.35 0.39 -4.17	11.55 0.48 -2.71	11.54 0.53 -1.70	13.40 0.58 -2.67	14.32 0.76 -0.53	14.51 0.83 -0.23	15.74 0.87 -1.11	15.02 0.87 -0.39	15.09 0.83 -1.04	14.36 0.82 -0.33	13.98 0.80 -0.08	13.30 0.65 -1.90	13.28 0.65 -2.03	14.01 0.70 -1.94	15.89 0.83 -1.83	16.23 0.87 -1.64	17.59 0.92 -2.28	17.20 0.92 -1.84	15.76 0.82 -1.73	13.57 0.69 -1.74	14.05 0.47 -5.82
ATHENS_STG_2 23670	13.13 0.52 -3.72	12.01 0.44 -3.90	11.23 0.39 -4.06	11.35 0.39 -4.17	11.55 0.48 -2.71	11.54 0.53 -1.70	13.40 0.58 -2.67	14.32 0.76 -0.53	14.51 0.83 -0.23	15.74 0.87 -1.11	15.02 0.87 -0.39	15.09 0.83 -1.04	14.36 0.82 -0.33	13.98 0.80 -0.08	13.30 0.65 -1.90	13.28 0.65 -2.03	14.01 0.70 -1.94	15.89 0.83 -1.83	16.23 0.87 -1.64	17.59 0.92 -2.28	17.20 0.92 -1.84	15.76 0.82 -1.73	13.57 0.69 -1.74	14.05 0.47 -5.82
ATHENS_STG_3 23677	13.13 0.52 -3.72	12.01 0.44 -3.90	11.23 0.39 -4.06	11.35 0.39 -4.17	11.55 0.48 -2.71	11.54 0.53 -1.70	13.40 0.58 -2.67	14.32 0.76 -0.53	14.51 0.83 -0.23	15.74 0.87 -1.11	15.02 0.87 -0.39	15.09 0.83 -1.04	14.36 0.82 -0.33	13.98 0.80 -0.08	13.30 0.65 -1.90	13.28 0.65 -2.03	14.01 0.70 -1.94	15.89 0.83 -1.83	16.23 0.87 -1.64	17.59 0.92 -2.28	17.20 0.92 -1.84	15.76 0.82 -1.73	13.57 0.69 -1.74	14.05 0.47 -5.82
AUBURN___LFGE 323710	9.42 0.09 -0.44	8.21 0.08 -0.46	7.32 0.07 -0.48	7.35 0.06 -0.49	8.75 0.08 -0.32	9.63 0.11 -0.20	10.58 0.12 -0.31	13.25 0.16 -0.06	13.68 0.20 -0.03	14.13 0.23 -0.13	14.03 0.22 -0.04	13.50 0.16 -0.12	13.39 0.15 -0.04	13.22 0.10 -0.01	11.06 0.09 -0.22	10.92 0.08 -0.23	11.69 0.10 -0.22	13.61 0.17 -0.21	14.10 0.18 -0.19	14.89 0.23 -0.27	14.93 0.27 -0.22	13.59 0.17 -0.20	11.45 0.10 -0.21	8.54 0.09 -0.69
BABYLON_RES_REC 323704	13.26 1.01 -3.35	12.06 0.88 -3.51	11.20 0.77 -3.66	11.32 0.78 -3.75	11.75 0.96 -2.44	11.91 1.06 -1.53	14.69 1.25 -3.29	17.70 1.62 -3.04	21.93 1.76 -6.72	21.11 1.80 -5.54	19.66 1.73 -4.16	18.00 1.68 -3.10	16.86 1.65 -2.00	15.96 1.62 -1.23	14.93 1.33 -2.83	15.10 1.33 -3.17	17.87 1.43 -5.08	20.80 1.72 -5.86	21.77 1.78 -6.26	23.52 1.87 -7.26	24.03 1.89 -7.70	20.93 1.68 -6.05	17.82 1.47 -5.21	16.47 1.00 -7.70

BARRETT_IC_1 23704	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.39	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BARRETT_IC_10 23701	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.40	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BARRETT_IC_11 23702	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.40	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BARRETT_IC_12 23703	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.40	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BARRETT_IC_2 23705	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.39	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BARRETT_IC_3 23706	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.39	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BARRETT_IC_4 23707	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.39	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BARRETT_IC_5 23708	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.39	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BARRETT_IC_6 23709	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.39	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BARRETT_IC_7 23710	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.39	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BARRETT_IC_8 23711	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.39	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BARRETT_IC_9 23700	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.40	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BARRETT___1 23545	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.39	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BARRETT___2 23546	13.14 0.89 -3.36	11.96 0.77 -3.52	11.11 0.68 -3.67	11.24 0.69 -3.76	11.64 0.84 -2.45	11.78 0.93 -1.54	14.60 1.09 -3.36	22.79 1.41 -8.35	22.79 1.56 -7.78	23.69 1.58 -8.34	21.63 1.50 -6.36	21.06 1.44 -6.40	21.06 1.43 -6.42	21.06 1.42 -6.54	19.91 1.17 -7.98	21.06 1.15 -9.31	21.06 1.23 -8.47	21.06 1.47 -6.37	21.77 1.50 -6.55	23.24 1.60 -7.25	23.73 1.60 -7.70	21.77 1.40 -7.16	19.91 1.28 -7.49	19.16 0.87 -10.52
BAYONEEC___CTG1 323682	13.05 0.80 -3.35	11.85 0.67 -3.51	11.02 0.59 -3.66	11.13 0.58 -3.75	11.52 0.73 -2.44	11.64 0.80 -1.53	13.45 0.89 -2.41	14.71 1.20 -0.48	15.01 1.36 -0.21	16.17 1.41 -1.00	15.55 1.43 -0.35	15.53 1.38 -0.93	14.85 1.35 -0.30	14.50 1.32 -0.07	13.53 1.07 -1.71	13.50 1.07 -1.83	14.27 1.16 -1.75	16.25 1.38 -1.65	16.60 1.40 -1.47	17.91 1.47 -2.05	17.57 1.47 -1.66	16.07 1.31 -1.55	13.82 1.11 -1.56	13.75 0.74 -5.24











DOGLEVILLE___HYD 23807	9.26 0.45 0.09	7.96 0.38 0.09	7.00 0.32 0.09	7.01 0.32 0.10	8.68 0.39 0.06	9.72 0.45 0.04	10.58 0.50 0.06	13.68 0.65 0.01	14.17 0.73 0.01	14.51 0.77 0.03	14.56 0.80 0.01	13.97 0.77 0.02	13.98 0.78 0.01	13.83 0.73 0.00	11.29 0.57 0.04	11.08 0.53 0.05	11.89 0.57 0.05	13.87 0.69 0.04	14.41 0.73 0.04	15.14 0.81 0.05	15.23 0.84 0.04	13.91 0.74 0.04	11.73 0.62 0.04	8.07 0.44 0.13
DUNKIRK___1 23563	9.29 -0.17 -0.56	8.15 -0.11 -0.59	7.33 -0.06 -0.62	7.35 -0.07 -0.63	8.66 -0.10 -0.41	9.45 -0.12 -0.26	10.32 -0.23 -0.41	12.75 -0.36 -0.08	13.21 -0.31 -0.07	13.85 -0.26 -0.34	13.63 -0.23 -0.10	13.17 -0.25 -0.20	13.00 -0.30 -0.09	12.76 -0.35 -0.01	10.78 -0.27 -0.29	10.74 -0.17 -0.31	11.50 -0.16 -0.29	13.43 -0.07 -0.28	13.84 -0.14 -0.25	14.71 -0.03 -0.35	14.67 -0.04 -0.28	13.30 -0.17 -0.26	11.26 -0.15 -0.26	8.53 -0.12 -0.88
DUNKIRK___2 23564	9.29 -0.17 -0.56	8.15 -0.11 -0.59	7.33 -0.06 -0.62	7.35 -0.07 -0.63	8.66 -0.10 -0.41	9.45 -0.12 -0.26	10.32 -0.23 -0.41	12.75 -0.36 -0.08	13.21 -0.31 -0.07	13.85 -0.26 -0.34	13.63 -0.23 -0.10	13.17 -0.25 -0.20	13.00 -0.30 -0.09	12.76 -0.35 -0.01	10.78 -0.27 -0.29	10.74 -0.17 -0.31	11.50 -0.16 -0.29	13.43 -0.07 -0.28	13.84 -0.14 -0.25	14.71 -0.03 -0.35	14.67 -0.04 -0.28	13.30 -0.17 -0.26	11.26 -0.15 -0.26	8.53 -0.12 -0.88
DUNKIRK___3 23565	9.27 -0.18 -0.56	8.14 -0.11 -0.58	7.31 -0.07 -0.61	7.33 -0.08 -0.62	8.65 -0.11 -0.41	9.43 -0.14 -0.25	10.29 -0.26 -0.40	12.73 -0.39 -0.08	13.17 -0.35 -0.07	13.80 -0.30 -0.34	13.59 -0.28 -0.10	13.14 -0.28 -0.20	12.97 -0.33 -0.09	12.73 -0.38 -0.01	10.75 -0.29 -0.28	10.69 -0.21 -0.30	11.45 -0.20 -0.29	13.38 -0.12 -0.27	13.79 -0.18 -0.25	14.66 -0.07 -0.34	14.63 -0.09 -0.28	13.24 -0.22 -0.26	11.24 -0.17 -0.26	8.51 -0.12 -0.87
DUNKIRK___4 23566	9.27 -0.18 -0.56	8.14 -0.11 -0.58	7.31 -0.07 -0.61	7.33 -0.08 -0.62	8.65 -0.11 -0.41	9.43 -0.14 -0.25	10.29 -0.26 -0.40	12.73 -0.39 -0.08	13.17 -0.35 -0.07	13.80 -0.30 -0.34	13.59 -0.28 -0.10	13.14 -0.28 -0.20	12.97 -0.33 -0.09	12.73 -0.38 -0.01	10.75 -0.29 -0.28	10.69 -0.21 -0.30	11.45 -0.20 -0.29	13.38 -0.12 -0.27	13.79 -0.18 -0.25	14.66 -0.07 -0.34	14.63 -0.09 -0.28	13.24 -0.22 -0.26	11.24 -0.17 -0.26	8.51 -0.12 -0.87
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	12.98 0.74 -3.35	11.81 0.63 -3.51	10.98 0.55 -3.66	11.09 0.55 -3.75	11.48 0.69 -2.44	11.60 0.75 -1.53	13.40 0.84 -2.41	14.63 1.12 -0.48	14.92 1.26 -0.21	16.07 1.31 -1.00	15.45 1.34 -0.35	15.44 1.28 -0.93	14.76 1.26 -0.30	14.41 1.23 -0.07	13.46 0.99 -1.71	13.42 0.99 -1.83	14.19 1.08 -1.75	16.16 1.28 -1.65	16.52 1.32 -1.47	17.82 1.38 -2.05	17.49 1.40 -1.66	15.99 1.23 -1.56	13.75 1.05 -1.56	13.70 0.69 -5.24
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	12.82 0.62 -3.30	11.65 0.53 -3.46	10.84 0.47 -3.60	10.95 0.47 -3.69	11.35 0.59 -2.40	11.45 0.63 -1.51	13.23 0.71 -2.37	14.44 0.94 -0.47	14.73 1.08 -0.21	15.86 1.11 -0.98	15.24 1.13 -0.34	15.23 1.08 -0.92	14.54 1.04 -0.29	14.20 1.02 -0.07	13.27 0.83 -1.68	13.23 0.83 -1.80	13.98 0.90 -1.72	15.95 1.10 -1.63	16.32 1.14 -1.45	17.60 1.19 -2.02	17.28 1.21 -1.63	15.78 1.04 -1.53	13.57 0.89 -1.54	13.51 0.58 -5.16
E179THST_138_KV_TB4_REV_LBMP_J 345001	13.12 0.87 -3.35	11.89 0.71 -3.51	11.04 0.62 -3.66	11.16 0.61 -3.75	11.55 0.76 -2.44	11.64 0.79 -1.53	13.41 0.85 -2.41	14.60 1.10 -0.47	14.91 1.26 -0.20	16.07 1.31 -0.99	15.46 1.35 -0.34	15.46 1.31 -0.92	14.77 1.27 -0.29	14.43 1.26 -0.06	13.47 1.01 -1.70	13.44 1.02 -1.82	14.21 1.10 -1.74	16.16 1.30 -1.64	16.51 1.32 -1.47	17.82 1.38 -2.04	17.47 1.39 -1.65	16.00 1.24 -1.55	13.79 1.08 -1.56	13.74 0.73 -5.24
EAST HAMPTON___GT 23717	13.87 1.63 -3.35	12.63 1.45 -3.51	11.70 1.27 -3.66	11.83 1.28 -3.75	12.36 1.57 -2.44	12.60 1.76 -1.53	15.51 2.03 -3.34	18.42 2.61 -2.77	23.22 2.76 -7.02	22.09 2.74 -5.58	20.43 2.64 -4.02	18.72 2.61 -2.89	17.52 2.56 -1.75	16.51 2.52 -0.90	15.29 2.02 -2.51	15.42 2.04 -2.78	18.45 2.21 -4.88	21.80 2.75 -5.83	22.86 2.90 -6.24	24.74 3.09 -7.26	25.30 3.16 -7.71	21.94 2.75 -5.98	18.69 2.31 -5.24	16.98 1.59 -7.62
EAST RIVER___6 23660	13.03 0.78 -3.35	11.83 0.65 -3.51	11.00 0.58 -3.66	11.11 0.57 -3.75	11.51 0.72 -2.44	11.63 0.78 -1.53	13.43 0.87 -2.41	14.69 1.17 -0.48	14.99 1.33 -0.21	16.14 1.38 -1.00	15.52 1.41 -0.35	15.52 1.36 -0.93	14.84 1.33 -0.30	14.49 1.31 -0.07	13.52 1.06 -1.71	13.48 1.05 -1.83	14.26 1.15 -1.75	16.22 1.35 -1.65	16.57 1.37 -1.47	17.88 1.44 -2.05	17.54 1.44 -1.66	16.05 1.28 -1.55	13.80 1.09 -1.56	13.73 0.72 -5.24
EAST RIVER___7 23524	13.03 0.78 -3.35	11.83 0.65 -3.51	11.00 0.58 -3.66	11.11 0.57 -3.75	11.51 0.72 -2.44	11.63 0.78 -1.53	13.43 0.87 -2.41	14.69 1.17 -0.48	14.99 1.33 -0.21	16.14 1.38 -1.00	15.52 1.41 -0.35	15.52 1.36 -0.93	14.84 1.33 -0.30	14.49 1.31 -0.07	13.52 1.06 -1.71	13.48 1.05 -1.83	14.26 1.15 -1.75	16.22 1.35 -1.65	16.57 1.37 -1.47	17.88 1.44 -2.05	17.54 1.44 -1.66	16.05 1.28 -1.55	13.80 1.09 -1.56	13.73 0.72 -5.24
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	12.95 0.71 -3.35	11.77 0.60 -3.51	10.95 0.53 -3.65	11.06 0.52 -3.75	11.45 0.66 -2.43	11.56 0.72 -1.53	13.35 0.80 -2.40	14.58 1.07 -0.47	14.87 1.21 -0.21	16.02 1.25 -0.99	15.38 1.27 -0.35	15.38 1.23 -0.93	14.71 1.20 -0.30	14.34 1.17 -0.07	13.41 0.95 -1.70	13.37 0.94 -1.82	14.13 1.02 -1.74	16.10 1.23 -1.65	16.46 1.26 -1.47	17.76 1.32 -2.05	17.43 1.34 -1.65	15.94 1.18 -1.55	13.69 0.99 -1.56	13.66 0.66 -5.23
EAST_HAMPTON___DIESEL 23722	13.87 1.63 -3.35	12.63 1.45 -3.51	11.70 1.27 -3.66	11.83 1.28 -3.75	12.37 1.58 -2.44	12.60 1.76 -1.53	15.51 2.03 -3.34	18.42 2.61 -2.77	23.22 2.76 -7.02	22.09 2.74 -5.58	20.44 2.66 -4.02	18.73 2.62 -2.89	17.52 2.56 -1.75	16.51 2.52 -0.90	15.30 2.03 -2.51	15.42 2.04 -2.78	18.46 2.22 -4.88	21.80 2.75 -5.83	22.86 2.90 -6.24	24.76 3.11 -7.26	25.30 3.16 -7.71	21.94 2.75 -5.98	18.70 2.32 -5.24	16.98 1.59 -7.62
EAST_RIVER___1 323558	13.05 0.80 -3.35	11.85 0.67 -3.51	11.02 0.59 -3.66	11.13 0.58 -3.75	11.52 0.73 -2.44	11.64 0.80 -1.53	13.45 0.89 -2.41	14.70 1.19 -0.48	15.00 1.34 -0.21	16.17 1.41 -1.00	15.53 1.42 -0.35	15.53 1.38 -0.93	14.85 1.35 -0.30	14.50 1.32 -0.07	13.53 1.07 -1.71	13.50 1.07 -1.83	14.27 1.16 -1.75	16.25 1.38 -1.65	16.60 1.40 -1.47	17.91 1.47 -2.05	17.57 1.47 -1.66	16.07 1.31 -1.55	13.82 1.11 -1.56	13.75 0.74 -5.24
EAST_RIVER___2 323559	13.03 0.78 -3.35	11.83 0.65 -3.51	11.00 0.58 -3.66	11.11 0.57 -3.75	11.51 0.72 -2.44	11.63 0.78 -1.53	13.43 0.87 -2.41	14.69 1.17 -0.48	14.99 1.33 -0.21	16.14 1.38 -1.00	15.52 1.41 -0.35	15.52 1.36 -0.93	14.84 1.33 -0.30	14.49 1.31 -0.07	13.52 1.06 -1.71	13.48 1.05 -1.83	14.26 1.15 -1.75	16.22 1.35 -1.65	16.57 1.37 -1.47	17.88 1.44 -2.05	17.54 1.44 -1.66	16.05 1.28 -1.55	13.80 1.09 -1.56	13.73 0.72 -5.24























LOWER___HUDSON 24059	13.98 0.61 -4.48	12.89 0.54 -4.69	12.13 0.47 -4.88	12.27 0.47 -5.01	12.18 0.57 -3.26	12.01 0.65 -2.04	14.05 0.69 -3.21	14.52 0.85 -0.64	14.61 0.89 -0.28	16.01 0.91 -1.33	15.13 0.89 -0.46	15.31 0.85 -1.24	14.46 0.86 -0.40	14.05 0.85 -0.10	13.75 0.71 -2.28	13.73 0.69 -2.44	14.43 0.74 -2.33	16.27 0.85 -2.20	16.57 0.88 -1.97	18.09 0.96 -2.74	17.60 0.95 -2.21	16.18 0.90 -2.08	13.98 0.75 -2.09	15.28 0.51 -7.00
LWR___OSWEGATCHIE_HYD 23850	8.36 -0.53 0.00	7.20 -0.47 0.00	6.34 -0.43 0.00	6.37 -0.42 0.00	7.84 -0.51 0.00	8.79 -0.52 0.00	9.66 -0.49 0.00	12.45 -0.59 0.00	12.86 -0.59 0.00	13.16 -0.61 0.00	13.16 -0.61 0.00	12.64 -0.58 0.00	12.64 -0.57 0.00	12.49 -0.62 0.00	10.24 -0.52 0.00	10.08 -0.52 0.00	10.80 -0.57 0.00	12.58 -0.65 0.00	13.04 -0.69 0.00	13.73 -0.66 0.00	13.80 -0.63 0.00	12.59 -0.62 0.00	10.55 -0.59 0.00	7.32 -0.44 0.00
LYONS_FALL_HYD 23570	8.89 -0.01 0.00	7.64 -0.02 0.00	6.74 -0.03 0.00	6.76 -0.03 0.00	8.33 -0.02 0.00	9.34 0.03 0.00	10.23 0.08 0.00	13.14 0.10 0.00	13.61 0.16 0.00	13.95 0.18 0.00	13.95 0.18 0.00	13.38 0.16 0.00	13.38 0.17 0.00	13.18 0.08 0.00	10.78 0.02 0.00	10.63 0.03 0.00	11.40 0.03 0.00	13.32 0.09 0.00	13.81 0.08 0.00	14.58 0.19 0.00	14.65 0.22 0.00	13.31 0.11 0.00	11.16 0.02 0.00	7.77 0.01 0.00
MADISON___COUNTY_LFGE 323628	9.21 0.18 -0.13	7.96 0.15 -0.14	7.04 0.13 -0.15	7.06 0.12 -0.15	8.61 0.16 -0.10	9.59 0.21 -0.06	10.50 0.26 -0.09	13.39 0.34 -0.02	13.86 0.40 -0.01	14.23 0.43 -0.04	14.21 0.43 -0.01	13.66 0.40 -0.04	13.60 0.38 -0.01	13.43 0.33 0.00	11.06 0.24 -0.07	10.92 0.24 -0.07	11.69 0.26 -0.07	13.64 0.36 -0.06	14.14 0.36 -0.06	14.93 0.46 -0.08	14.99 0.49 -0.07	13.63 0.36 -0.06	11.46 0.26 -0.06	8.14 0.16 -0.21
MAPLE_RIDGE_WT_1 323574	8.61 -0.09 0.19	7.38 -0.08 0.20	6.49 -0.07 0.21	6.51 -0.06 0.21	8.14 -0.08 0.14	9.13 -0.09 0.09	9.92 -0.09 0.14	12.89 -0.12 0.03	13.32 -0.12 0.01	13.59 -0.12 0.06	13.62 -0.12 0.02	13.05 -0.12 0.05	13.07 -0.12 0.02	12.98 -0.12 0.00	10.57 -0.10 0.10	10.39 -0.11 0.10	11.14 -0.12 0.10	13.00 -0.13 0.09	13.48 -0.16 0.08	14.09 -0.19 0.12	14.18 -0.16 0.09	12.94 -0.18 0.09	10.87 -0.18 0.09	7.33 -0.14 0.30
MAPLE_RIDGE_WT_2 323611	8.61 -0.09 0.19	7.38 -0.08 0.20	6.49 -0.07 0.21	6.51 -0.06 0.21	8.14 -0.08 0.14	9.13 -0.09 0.09	9.92 -0.09 0.14	12.89 -0.12 0.03	13.32 -0.12 0.01	13.59 -0.12 0.06	13.62 -0.12 0.02	13.05 -0.12 0.05	13.07 -0.12 0.02	12.98 -0.12 0.00	10.57 -0.10 0.10	10.39 -0.11 0.10	11.14 -0.12 0.10	13.00 -0.13 0.09	13.48 -0.16 0.08	14.09 -0.19 0.12	14.18 -0.16 0.09	12.94 -0.18 0.09	10.87 -0.18 0.09	7.33 -0.14 0.30
MARBLE_RIVER_WT_PWR 323696	8.51 -0.38 0.00	7.32 -0.34 0.00	6.46 -0.31 0.00	6.51 -0.28 0.00	8.00 -0.35 0.00	8.90 -0.42 0.00	9.72 -0.43 0.00	12.51 -0.52 0.00	12.83 -0.62 0.00	13.12 -0.65 0.00	13.14 -0.63 0.00	12.64 -0.58 0.00	12.66 -0.55 0.00	12.59 -0.51 0.00	10.39 -0.37 0.00	10.21 -0.39 0.00	10.93 -0.43 0.00	12.67 -0.55 0.00	13.15 -0.58 0.00	13.73 -0.66 0.00	13.77 -0.66 0.00	12.63 -0.58 0.00	10.63 -0.51 0.00	7.43 -0.33 0.00
MARSH_HILL_WT_PWR 323713	9.78 0.19 -0.70	8.58 0.18 -0.73	7.70 0.17 -0.76	7.72 0.14 -0.78	9.03 0.17 -0.51	9.81 0.18 -0.32	10.82 0.14 -0.53	13.27 0.13 -0.10	13.72 0.20 -0.07	14.33 0.26 -0.30	14.14 0.28 -0.10	13.66 0.21 -0.22	13.44 0.15 -0.08	13.22 0.10 -0.02	11.21 0.08 -0.37	11.13 0.13 -0.40	11.89 0.15 -0.38	13.87 0.29 -0.36	14.38 0.33 -0.32	15.28 0.46 -0.43	15.29 0.51 -0.35	13.85 0.32 -0.32	11.74 0.27 -0.33	9.03 0.17 -1.10
MG INDUSTRY___DRP 24185	13.62 0.49 -4.24	12.54 0.43 -4.44	11.77 0.38 -4.62	11.91 0.37 -4.75	11.90 0.46 -3.08	11.76 0.51 -1.93	13.71 0.52 -3.04	14.28 0.64 -0.60	14.37 0.66 -0.26	15.70 0.67 -1.26	14.88 0.67 -0.44	15.04 0.63 -1.18	14.22 0.63 -0.37	13.82 0.63 -0.09	13.45 0.53 -2.16	13.43 0.52 -2.31	14.13 0.56 -2.21	15.96 0.65 -2.09	16.26 0.67 -1.86	17.70 0.72 -2.59	17.25 0.72 -2.10	15.82 0.65 -1.97	13.68 0.56 -1.98	14.79 0.40 -6.63
MID___OSWEGATCHIE_HYD 23849	8.36 -0.53 0.00	7.20 -0.47 0.00	6.34 -0.43 0.00	6.37 -0.42 0.00	7.84 -0.51 0.00	8.79 -0.52 0.00	9.66 -0.49 0.00	12.45 -0.59 0.00	12.86 -0.59 0.00	13.16 -0.61 0.00	13.16 -0.61 0.00	12.64 -0.58 0.00	12.64 -0.57 0.00	12.49 -0.62 0.00	10.24 -0.52 0.00	10.08 -0.52 0.00	10.80 -0.57 0.00	12.58 -0.65 0.00	13.04 -0.69 0.00	13.73 -0.66 0.00	13.80 -0.63 0.00	12.59 -0.62 0.00	10.55 -0.59 0.00	7.32 -0.44 0.00
MID___RAQUETTE_HYD 23851	8.09 -0.80 0.00	6.97 -0.70 0.00	6.15 -0.62 0.00	6.19 -0.60 0.00	7.60 -0.75 0.00	8.50 -0.81 0.00	9.33 -0.82 0.00	12.09 -0.95 0.00	12.43 -1.02 0.00	12.69 -1.07 0.00	12.69 -1.07 0.00	12.22 -1.01 0.00	12.23 -0.98 0.00	12.12 -0.98 0.00	9.98 -0.79 0.00	9.80 -0.81 0.00	10.50 -0.86 0.00	12.17 -1.06 0.00	12.63 -1.10 0.00	13.23 -1.17 0.00	13.28 -1.16 0.00	12.18 -1.03 0.00	10.22 -0.92 0.00	7.08 -0.68 0.00
MILLIKEN___1 23584	9.79 0.20 -0.69	8.57 0.18 -0.72	7.68 0.16 -0.75	7.71 0.15 -0.77	9.04 0.19 -0.50	9.85 0.22 -0.31	10.90 0.28 -0.46	13.48 0.35 -0.09	13.88 0.39 -0.04	14.40 0.44 -0.19	14.28 0.44 -0.07	13.77 0.37 -0.18	13.61 0.34 -0.06	13.42 0.30 -0.01	11.32 0.23 -0.33	11.19 0.23 -0.35	11.96 0.26 -0.34	13.93 0.38 -0.32	14.41 0.38 -0.30	15.28 0.47 -0.42	15.29 0.52 -0.34	13.91 0.38 -0.32	11.74 0.28 -0.32	9.03 0.19 -1.07
MILLIKEN___2 23585	9.79 0.20 -0.69	8.57 0.18 -0.72	7.68 0.16 -0.75	7.71 0.15 -0.77	9.04 0.19 -0.50	9.85 0.22 -0.31	10.90 0.28 -0.46	13.48 0.35 -0.09	13.88 0.39 -0.04	14.40 0.44 -0.19	14.28 0.44 -0.07	13.77 0.37 -0.18	13.61 0.34 -0.06	13.42 0.30 -0.01	11.32 0.23 -0.33	11.19 0.23 -0.35	11.96 0.26 -0.34	13.93 0.38 -0.32	14.41 0.38 -0.30	15.28 0.47 -0.42	15.29 0.52 -0.34	13.91 0.38 -0.32	11.74 0.28 -0.32	9.03 0.19 -1.07
MILLIKEN___DIESEL 23629	9.79 0.20 -0.69	8.57 0.18 -0.72	7.68 0.16 -0.75	7.71 0.15 -0.77	9.04 0.19 -0.50	9.85 0.22 -0.31	10.90 0.28 -0.46	13.48 0.35 -0.09	13.88 0.39 -0.04	14.40 0.44 -0.19	14.28 0.44 -0.07	13.77 0.37 -0.18	13.61 0.34 -0.06	13.42 0.30 -0.01	11.32 0.23 -0.33	11.19 0.23 -0.35	11.96 0.26 -0.34	13.93 0.38 -0.32	14.41 0.38 -0.30	15.28 0.47 -0.42	15.29 0.52 -0.34	13.91 0.38 -0.32	11.74 0.28 -0.32	9.03 0.19 -1.07
MILLSEAT___LFGE 323607	9.13 -0.25 -0.48	8.00 -0.18 -0.51	7.18 -0.12 -0.53	7.18 -0.16 -0.54	8.50 -0.21 -0.35	9.29 -0.24 -0.22	10.10 -0.40 -0.34	12.49 -0.61 -0.07	12.85 -0.62 -0.02	13.33 -0.55 -0.12	13.27 -0.54 -0.04	12.83 -0.52 -0.12	12.67 -0.57 -0.03	12.48 -0.63 -0.01	10.51 -0.49 -0.24	10.42 -0.44 -0.26	11.16 -0.45 -0.25	13.03 -0.42 -0.23	13.48 -0.45 -0.21	14.30 -0.39 -0.30	14.30 -0.38 -0.24	12.97 -0.46 -0.22	11.00 -0.37 -0.23	8.28 -0.24 -0.76











NYPA_VERNON____GT3 24163	13.09 0.85 -3.35	11.88 0.70 -3.51	11.04 0.61 -3.66	11.15 0.60 -3.75	11.54 0.75 -2.44	11.65 0.81 -1.53	13.45 0.89 -2.41	14.69 1.17 -0.48	14.99 1.33 -0.21	16.14 1.38 -1.00	15.53 1.42 -0.35	15.53 1.38 -0.93	14.84 1.33 -0.30	14.50 1.32 -0.07	13.53 1.07 -1.71	13.50 1.07 -1.83	14.27 1.16 -1.75	16.24 1.36 -1.65	16.59 1.39 -1.47	17.91 1.47 -2.05	17.57 1.47 -1.66	16.07 1.31 -1.56	13.83 1.12 -1.56	13.75 0.75 -5.24
NYPA____ASTORIA_CC1 323568	13.09 0.85 -3.35	11.88 0.70 -3.51	11.04 0.61 -3.66	11.15 0.60 -3.75	11.54 0.75 -2.44	11.65 0.80 -1.53	13.44 0.88 -2.41	14.67 1.16 -0.48	14.98 1.32 -0.21	16.13 1.36 -1.00	15.52 1.41 -0.35	15.52 1.36 -0.93	14.84 1.33 -0.30	14.49 1.31 -0.07	13.53 1.07 -1.71	13.49 1.06 -1.83	14.26 1.15 -1.75	16.22 1.35 -1.65	16.57 1.37 -1.47	17.89 1.45 -2.05	17.55 1.46 -1.66	16.06 1.30 -1.56	13.83 1.12 -1.56	13.75 0.75 -5.24
NYPA____ASTORIA_CC2 323569	13.09 0.85 -3.35	11.88 0.70 -3.51	11.04 0.61 -3.66	11.15 0.60 -3.75	11.54 0.75 -2.44	11.65 0.80 -1.53	13.44 0.88 -2.41	14.67 1.16 -0.48	14.98 1.32 -0.21	16.13 1.36 -1.00	15.52 1.41 -0.35	15.52 1.36 -0.93	14.84 1.33 -0.30	14.49 1.31 -0.07	13.53 1.07 -1.71	13.49 1.06 -1.83	14.26 1.15 -1.75	16.22 1.35 -1.65	16.57 1.37 -1.47	17.89 1.45 -2.05	17.55 1.46 -1.66	16.06 1.30 -1.56	13.83 1.12 -1.56	13.75 0.75 -5.24
NYPA____HOLTSVILL 23794	13.44 1.19 -3.35	12.23 1.05 -3.51	11.35 0.92 -3.66	11.47 0.92 -3.75	11.93 1.14 -2.44	12.11 1.27 -1.53	14.95 1.46 -3.34	17.69 1.88 -2.77	22.49 2.02 -7.02	21.39 2.04 -5.58	19.75 1.97 -4.02	18.03 1.92 -2.89	16.84 1.89 -1.74	15.87 1.87 -0.89	14.79 1.53 -2.50	14.89 1.52 -2.77	17.88 1.64 -4.88	21.05 2.00 -5.83	22.04 2.07 -6.24	23.82 2.17 -7.26	24.34 2.19 -7.71	21.15 1.95 -5.98	18.07 1.69 -5.24	16.55 1.16 -7.62
NYPA____HELLGATE_GT1 24158	13.13 0.88 -3.35	11.90 0.72 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.05 1.29 -0.99	15.44 1.34 -0.34	15.44 1.30 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.47 1.01 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.15 1.28 -1.64	16.50 1.30 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.79 1.08 -1.56	13.73 0.72 -5.24
NYPA____HELLGATE_GT2 24159	13.13 0.88 -3.35	11.90 0.72 -3.51	11.05 0.62 -3.66	11.16 0.62 -3.75	11.56 0.77 -2.44	11.65 0.80 -1.53	13.41 0.85 -2.41	14.59 1.08 -0.47	14.90 1.25 -0.20	16.05 1.29 -0.99	15.44 1.34 -0.34	15.44 1.30 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.47 1.01 -1.70	13.43 1.01 -1.82	14.20 1.09 -1.74	16.15 1.28 -1.64	16.50 1.30 -1.47	17.80 1.37 -2.04	17.46 1.37 -1.65	15.97 1.21 -1.55	13.79 1.08 -1.56	13.73 0.72 -5.24
NYS_BARGE____HYD 23848	8.99 -0.41 -0.50	7.88 -0.31 -0.52	7.08 -0.24 -0.55	7.08 -0.27 -0.56	8.36 -0.36 -0.36	9.11 -0.43 -0.23	9.88 -0.62 -0.36	12.22 -0.89 -0.07	12.58 -0.89 -0.02	13.05 -0.84 -0.12	12.99 -0.81 -0.04	12.56 -0.78 -0.12	12.41 -0.83 -0.03	12.24 -0.88 -0.01	10.31 -0.70 -0.25	10.23 -0.64 -0.27	10.95 -0.67 -0.26	12.81 -0.66 -0.24	13.23 -0.71 -0.22	14.03 -0.66 -0.31	14.02 -0.66 -0.25	12.70 -0.74 -0.23	10.80 -0.58 -0.23	8.17 -0.38 -0.78
O.H._GEN_BRUCE 24063	9.11 -0.33 -0.54	8.00 -0.24 -0.57	7.18 -0.19 -0.59	7.18 -0.22 -0.61	8.46 -0.29 -0.40	9.20 -0.36 -0.25	10.00 -0.54 -0.39	12.28 -0.83 -0.08	12.50 -0.83 0.11	13.11 -0.81 -0.15	12.72 -0.80 0.25	12.00 -0.78 0.44	11.35 -0.82 1.04	10.85 -0.84 1.41	10.37 -0.67 -0.27	10.29 -0.60 -0.29	11.01 -0.64 -0.28	12.88 -0.61 -0.27	13.29 -0.67 -0.24	14.12 -0.60 -0.33	14.10 -0.61 -0.27	12.76 -0.70 -0.25	10.87 -0.52 -0.25	8.30 -0.32 -0.85
OAK ORCHARD____HYD 24046	9.26 -0.04 -0.41	8.08 -0.02 -0.43	7.21 -0.01 -0.45	7.22 -0.03 -0.46	8.61 -0.04 -0.30	9.46 -0.05 -0.19	10.30 -0.13 -0.29	12.83 -0.26 -0.06	13.20 -0.27 -0.02	13.66 -0.22 -0.12	13.59 -0.22 -0.04	13.12 -0.21 -0.11	12.99 -0.25 -0.03	12.82 -0.29 -0.01	10.73 -0.24 -0.20	10.60 -0.21 -0.22	11.37 -0.20 -0.21	13.26 -0.16 -0.19	13.74 -0.16 -0.18	14.54 -0.10 -0.25	14.57 -0.07 -0.20	13.24 -0.16 -0.19	11.22 -0.11 -0.19	8.35 -0.06 -0.65
OCC_CHEM____DRP 24175	8.89 -0.52 -0.52	7.80 -0.41 -0.54	7.02 -0.32 -0.56	7.01 -0.36 -0.58	8.26 -0.47 -0.38	8.99 -0.56 -0.24	9.74 -0.78 -0.37	11.99 -1.12 -0.07	12.32 -1.13 0.00	12.73 -1.10 -0.07	12.73 -1.06 -0.02	12.30 -1.03 -0.10	12.15 -1.07 -0.01	12.00 -1.11 -0.01	10.14 -0.88 -0.26	10.06 -0.82 -0.28	10.77 -0.86 -0.27	12.59 -0.89 -0.25	12.99 -0.96 -0.23	13.79 -0.92 -0.32	13.77 -0.92 -0.26	12.47 -0.98 -0.24	10.61 -0.77 -0.24	8.08 -0.50 -0.81
OLIN_CORP_DRP 24177	8.89 -0.52 -0.52	7.80 -0.41 -0.54	7.02 -0.32 -0.56	7.01 -0.36 -0.58	8.26 -0.47 -0.38	8.99 -0.56 -0.24	9.74 -0.78 -0.37	11.99 -1.12 -0.07	12.32 -1.13 0.00	12.73 -1.10 -0.07	12.73 -1.06 -0.02	12.30 -1.03 -0.10	12.15 -1.07 -0.01	12.00 -1.11 -0.01	10.14 -0.88 -0.26	10.06 -0.82 -0.28	10.77 -0.86 -0.27	12.59 -0.89 -0.25	12.99 -0.96 -0.23	13.79 -0.92 -0.32	13.77 -0.92 -0.26	12.47 -0.98 -0.24	10.61 -0.77 -0.24	8.08 -0.50 -0.81
OLIN_CORP_DSASP 323712	8.89 -0.52 -0.52	7.80 -0.41 -0.54	7.02 -0.32 -0.56	7.01 -0.36 -0.58	8.26 -0.47 -0.38	8.99 -0.56 -0.24	9.74 -0.78 -0.37	11.99 -1.12 -0.07	12.32 -1.13 0.00	12.73 -1.10 -0.07	12.73 -1.06 -0.02	12.30 -1.03 -0.10	12.15 -1.07 -0.01	12.00 -1.11 -0.01	10.14 -0.88 -0.26	10.06 -0.82 -0.28	10.77 -0.86 -0.27	12.59 -0.89 -0.25	12.99 -0.96 -0.23	13.79 -0.92 -0.32	13.77 -0.92 -0.26	12.47 -0.98 -0.24	10.61 -0.77 -0.24	8.08 -0.50 -0.81
ONEIDA_HERK_LFGE 323681	8.96 0.06 0.00	7.71 0.05 0.00	6.80 0.03 0.00	6.82 0.03 0.00	8.39 0.04 0.00	9.42 0.10 0.00	10.31 0.16 0.00	13.23 0.20 0.00	13.72 0.27 0.00	14.04 0.28 0.00	14.04 0.28 0.00	13.47 0.25 0.00	13.47 0.26 0.00	13.29 0.18 0.00	10.87 0.11 0.00	10.72 0.12 0.00	11.48 0.11 0.00	13.41 0.19 0.00	13.92 0.19 0.00	14.68 0.29 0.00	14.75 0.32 0.00	13.42 0.21 0.00	11.25 0.11 0.00	7.84 0.07 0.00
ONONDAGA_REF_OCCRA 23987	9.32 0.06 -0.37	8.11 0.05 -0.39	7.21 0.04 -0.40	7.24 0.03 -0.41	8.67 0.05 -0.27	9.55 0.07 -0.17	10.48 0.07 -0.26	13.18 0.09 -0.05	13.61 0.13 -0.02	14.04 0.17 -0.11	13.97 0.17 -0.04	13.46 0.13 -0.10	13.36 0.12 -0.03	13.20 0.09 -0.01	11.01 0.06 -0.18	10.87 0.07 -0.20	11.62 0.07 -0.19	13.53 0.13 -0.18	14.02 0.14 -0.16	14.82 0.20 -0.23	14.85 0.23 -0.18	13.53 0.15 -0.17	11.41 0.10 -0.17	8.40 0.05 -0.57
ONONDAGA____COGEN 23986	9.32 0.07 -0.35	8.10 0.06 -0.37	7.20 0.05 -0.38	7.22 0.03 -0.39	8.66 0.05 -0.26	9.54 0.07 -0.16	10.48 0.08 -0.25	13.19 0.10 -0.05	13.60 0.13 -0.02	14.05 0.18 -0.10	13.98 0.18 -0.04	13.47 0.15 -0.10	13.36 0.12 -0.03	13.20 0.09 -0.01	11.00 0.06 -0.18	10.86 0.07 -0.19	11.62 0.08 -0.18	13.53 0.13 -0.17	14.02 0.14 -0.15	14.81 0.20 -0.22	14.84 0.23 -0.17	13.53 0.16 -0.16	11.42 0.11 -0.16	8.39 0.07 -0.55

ONTARIO___LFGE 23819	9.53 0.14 -0.49	8.31 0.13 -0.52	7.42 0.11 -0.54	7.45 0.11 -0.55	8.85 0.14 -0.36	9.71 0.17 -0.23	10.67 0.17 -0.35	13.27 0.17 -0.07	13.69 0.21 -0.03	14.15 0.23 -0.14	14.03 0.21 -0.05	13.52 0.16 -0.13	13.37 0.12 -0.04	13.21 0.09 -0.01	11.07 0.06 -0.25	10.94 0.07 -0.26	11.72 0.10 -0.25	13.67 0.21 -0.24	14.16 0.22 -0.22	15.02 0.33 -0.30	15.04 0.36 -0.24	13.65 0.21 -0.23	11.54 0.17 -0.23	8.65 0.11 -0.77
ORANGEVILLE_WT_PWR 323706	9.38 -0.13 -0.62	8.25 -0.07 -0.65	7.41 -0.04 -0.68	7.42 -0.07 -0.70	8.71 -0.10 -0.45	9.47 -0.13 -0.28	10.36 -0.24 -0.46	12.75 -0.38 -0.09	13.16 -0.35 -0.06	13.75 -0.30 -0.29	13.58 -0.28 -0.09	13.12 -0.30 -0.20	12.94 -0.34 -0.08	12.74 -0.38 -0.01	10.77 -0.31 -0.32	10.69 -0.25 -0.35	11.43 -0.26 -0.33	13.35 -0.19 -0.31	13.80 -0.21 -0.28	14.66 -0.12 -0.38	14.64 -0.10 -0.31	13.26 -0.24 -0.29	11.27 -0.17 -0.29	8.63 -0.11 -0.97
OSWEGATCHIE___HYD 24044	8.36 -0.53 0.00	7.20 -0.47 0.00	6.34 -0.43 0.00	6.37 -0.42 0.00	7.84 -0.51 0.00	8.79 -0.52 0.00	9.66 -0.49 0.00	12.45 -0.59 0.00	12.86 -0.59 0.00	13.16 -0.61 0.00	13.16 -0.61 0.00	12.64 -0.58 0.00	12.64 -0.57 0.00	12.49 -0.62 0.00	10.24 -0.52 0.00	10.08 -0.52 0.00	10.80 -0.57 0.00	12.58 -0.65 0.00	13.04 -0.69 0.00	13.73 -0.66 0.00	13.80 -0.63 0.00	12.59 -0.62 0.00	10.55 -0.59 0.00	7.32 -0.44 0.00
OSWEGO___5 23606	9.01 -0.12 -0.24	7.81 -0.11 -0.25	6.94 -0.09 -0.26	6.97 -0.10 -0.27	8.41 -0.12 -0.18	9.29 -0.13 -0.11	10.17 -0.15 -0.17	12.86 -0.21 -0.03	13.27 -0.19 -0.01	13.67 -0.16 -0.07	13.63 -0.16 -0.02	13.10 -0.19 -0.07	13.03 -0.20 -0.02	12.90 -0.21 -0.01	10.71 -0.17 -0.12	10.56 -0.17 -0.13	11.31 -0.18 -0.12	13.16 -0.19 -0.12	13.64 -0.19 -0.11	14.38 -0.16 -0.15	14.41 -0.14 -0.12	13.15 -0.17 -0.11	11.10 -0.16 -0.11	8.04 -0.11 -0.38
OSWEGO___6 23613	9.01 -0.12 -0.24	7.81 -0.11 -0.25	6.94 -0.09 -0.26	6.97 -0.10 -0.27	8.41 -0.12 -0.18	9.29 -0.13 -0.11	10.17 -0.15 -0.17	12.86 -0.21 -0.03	13.27 -0.19 -0.01	13.67 -0.16 -0.07	13.63 -0.16 -0.02	13.10 -0.19 -0.07	13.03 -0.20 -0.02	12.90 -0.21 -0.01	10.71 -0.17 -0.12	10.56 -0.17 -0.13	11.31 -0.18 -0.12	13.16 -0.19 -0.12	13.64 -0.19 -0.11	14.38 -0.16 -0.15	14.41 -0.14 -0.12	13.15 -0.17 -0.11	11.10 -0.16 -0.11	8.04 -0.11 -0.38
OUTOKUMPU-AB___DRP 24206	9.11 -0.31 -0.52	7.99 -0.22 -0.55	7.18 -0.16 -0.57	7.18 -0.20 -0.59	8.47 -0.27 -0.38	9.24 -0.32 -0.24	10.04 -0.49 -0.38	12.42 -0.69 -0.07	12.82 -0.66 -0.03	13.35 -0.61 -0.19	13.26 -0.57 -0.05	12.81 -0.55 -0.14	12.65 -0.61 -0.05	12.46 -0.65 -0.01	10.52 -0.51 -0.26	10.44 -0.44 -0.28	11.17 -0.47 -0.27	13.06 -0.42 -0.26	13.48 -0.48 -0.23	14.31 -0.40 -0.32	14.28 -0.42 -0.26	12.95 -0.50 -0.24	10.99 -0.40 -0.24	8.31 -0.27 -0.82
OXBOW___ 24026	9.01 -0.41 -0.52	7.91 -0.30 -0.55	7.11 -0.23 -0.57	7.10 -0.27 -0.58	8.37 -0.36 -0.38	9.12 -0.43 -0.24	9.90 -0.62 -0.37	12.24 -0.87 -0.07	12.60 -0.86 -0.01	13.06 -0.83 -0.12	13.02 -0.78 -0.03	12.58 -0.77 -0.12	12.43 -0.81 -0.03	12.25 -0.87 -0.01	10.35 -0.68 -0.26	10.28 -0.60 -0.28	11.00 -0.64 -0.27	12.86 -0.62 -0.25	13.27 -0.69 -0.23	14.08 -0.63 -0.32	14.06 -0.63 -0.26	12.74 -0.71 -0.24	10.82 -0.57 -0.24	8.21 -0.37 -0.81
OXY_CHEM_DSASP 323612	8.89 -0.52 -0.52	7.80 -0.41 -0.54	7.02 -0.32 -0.56	7.01 -0.36 -0.58	8.26 -0.47 -0.38	8.99 -0.56 -0.24	9.74 -0.78 -0.37	11.99 -1.12 -0.07	12.32 -1.13 0.00	12.73 -1.10 -0.07	12.73 -1.06 -0.02	12.30 -1.03 -0.10	12.15 -1.07 -0.01	12.00 -1.11 -0.01	10.14 -0.88 -0.26	10.06 -0.82 -0.28	10.77 -0.86 -0.27	12.59 -0.89 -0.25	12.99 -0.96 -0.23	13.79 -0.92 -0.32	13.77 -0.92 -0.26	12.47 -0.98 -0.24	10.61 -0.77 -0.24	8.08 -0.50 -0.81
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	8.89 -0.52 -0.52	7.80 -0.41 -0.54	7.02 -0.32 -0.56	7.01 -0.36 -0.58	8.26 -0.47 -0.38	8.99 -0.56 -0.24	9.74 -0.78 -0.37	11.99 -1.12 -0.07	12.32 -1.13 0.00	12.73 -1.10 -0.07	12.73 -1.06 -0.02	12.30 -1.03 -0.10	12.15 -1.07 -0.01	12.00 -1.11 -0.01	10.14 -0.88 -0.26	10.06 -0.82 -0.28	10.77 -0.86 -0.27	12.59 -0.89 -0.25	12.99 -0.96 -0.23	13.79 -0.92 -0.32	13.77 -0.92 -0.26	12.47 -0.98 -0.24	10.61 -0.77 -0.24	8.08 -0.50 -0.81
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	13.12 0.87 -3.35	11.89 0.71 -3.51	11.04 0.62 -3.66	11.15 0.60 -3.75	11.55 0.76 -2.44	11.64 0.79 -1.53	13.40 0.84 -2.41	14.60 1.10 -0.47	14.90 1.25 -0.20	16.07 1.31 -0.99	15.44 1.34 -0.34	15.44 1.30 -0.92	14.77 1.27 -0.29	14.41 1.25 -0.06	13.47 1.01 -1.70	13.44 1.02 -1.82	14.21 1.10 -1.74	16.16 1.30 -1.64	16.51 1.32 -1.47	17.82 1.38 -2.04	17.47 1.39 -1.65	15.99 1.23 -1.55	13.79 1.08 -1.56	13.73 0.72 -5.24
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	13.10 0.85 -3.35	11.87 0.69 -3.51	11.03 0.60 -3.66	11.15 0.60 -3.75	11.54 0.74 -2.44	11.63 0.78 -1.53	13.40 0.84 -2.41	14.59 1.08 -0.47	14.89 1.24 -0.20	16.05 1.29 -0.99	15.43 1.32 -0.34	15.42 1.27 -0.92	14.77 1.27 -0.29	14.40 1.23 -0.06	13.45 0.99 -1.70	13.44 1.02 -1.82	14.20 1.09 -1.74	16.14 1.27 -1.64	16.51 1.32 -1.47	17.82 1.38 -2.04	17.44 1.36 -1.65	15.99 1.23 -1.55	13.76 1.06 -1.56	13.72 0.71 -5.24
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	9.41 -0.05 -0.57	8.27 0.01 -0.60	7.42 0.03 -0.62	7.43 0.00 -0.64	8.76 -0.01 -0.41	9.54 -0.04 -0.26	10.42 -0.13 -0.41	12.91 -0.21 -0.08	13.46 -0.15 -0.15	14.28 -0.10 -0.61	13.88 -0.07 -0.18	13.43 -0.08 -0.29	13.25 -0.13 -0.17	12.94 -0.17 -0.01	10.92 -0.13 -0.29	10.85 -0.06 -0.31	11.59 -0.07 -0.29	13.54 0.04 -0.28	13.98 0.00 -0.25	14.85 0.11 -0.35	14.83 0.11 -0.28	13.43 -0.04 -0.26	11.40 -0.01 -0.27	8.66 0.00 -0.89
PAWLING_115_KV_BK3_REV_LBMP_H 345028	13.07 0.74 -3.44	11.90 0.63 -3.60	11.07 0.55 -3.75	11.20 0.56 -3.85	11.56 0.70 -2.50	11.63 0.75 -1.57	13.44 0.82 -2.47	14.65 1.12 -0.49	14.94 1.28 -0.21	16.13 1.34 -1.02	15.48 1.35 -0.36	15.48 1.30 -0.96	14.74 1.23 -0.30	14.36 1.18 -0.07	13.46 0.95 -1.75	13.42 0.94 -1.87	14.19 1.03 -1.79	16.21 1.30 -1.69	16.62 1.39 -1.51	17.92 1.42 -2.10	17.58 1.44 -1.70	16.06 1.26 -1.59	13.76 1.01 -1.60	13.83 0.68 -5.38
PEEKSKILL___ 23653	12.87 0.66 -3.32	11.70 0.55 -3.48	10.88 0.49 -3.62	11.00 0.49 -3.72	11.38 0.61 -2.42	11.49 0.66 -1.51	13.27 0.74 -2.38	14.50 0.99 -0.47	14.78 1.13 -0.21	15.92 1.17 -0.99	15.31 1.20 -0.34	15.30 1.15 -0.92	14.61 1.11 -0.29	14.26 1.09 -0.07	13.32 0.87 -1.69	13.29 0.88 -1.81	14.05 0.95 -1.73	16.01 1.15 -1.63	16.37 1.18 -1.46	17.66 1.24 -2.03	17.33 1.26 -1.64	15.84 1.10 -1.54	13.61 0.92 -1.55	13.57 0.61 -5.19
PGE MADISON___WINDPWR 24146	10.50 0.56 -1.05	9.24 0.48 -1.10	8.32 0.41 -1.14	8.36 0.39 -1.17	9.62 0.50 -0.76	10.44 0.65 -0.48	11.87 1.21 -0.51	14.44 1.30 -0.10	14.93 1.44 -0.04	15.52 1.54 -0.21	15.38 1.54 -0.07	14.86 1.44 -0.20	14.69 1.41 -0.06	14.39 1.27 -0.02	12.04 0.91 -0.36	11.87 0.88 -0.39	12.71 0.98 -0.37	14.92 1.35 -0.35	15.19 1.00 -0.46	16.30 1.27 -0.64	16.25 1.30 -0.52	14.69 0.99 -0.49	12.35 0.72 -0.49	9.91 0.50 -1.64















WEST BABYLON___IC 23714	13.35 1.10 -3.35	12.15 0.97 -3.51	11.28 0.85 -3.66	11.40 0.86 -3.75	11.84 1.05 -2.44	12.01 1.16 -1.53	14.80 1.35 -3.30	17.84 1.76 -3.05	22.13 1.91 -6.78	21.29 1.95 -5.57	19.83 1.90 -4.16	18.15 1.83 -3.10	17.00 1.80 -2.00	16.12 1.78 -1.23	15.05 1.45 -2.83	15.21 1.44 -3.17	18.00 1.56 -5.07	20.96 1.88 -5.86	21.93 1.95 -6.26	23.71 2.06 -7.26	24.21 2.06 -7.70	21.09 1.84 -6.05	17.98 1.60 -5.23	16.56 1.09 -7.71
WEST CANADA___HYD 24049	8.87 0.06 0.09	7.63 0.05 0.09	6.72 0.05 0.09	6.74 0.05 0.10	8.35 0.06 0.06	9.35 0.07 0.04	10.17 0.08 0.06	13.12 0.09 0.01	13.56 0.12 0.01	13.87 0.12 0.03	13.88 0.12 0.01	13.32 0.12 0.02	13.32 0.12 0.01	13.21 0.10 0.00	10.79 0.08 0.04	10.63 0.07 0.05	11.40 0.08 0.05	13.29 0.11 0.04	13.80 0.11 0.04	14.47 0.13 0.05	14.52 0.13 0.04	13.27 0.11 0.04	11.18 0.08 0.04	7.69 0.05 0.13
WESTERN_NY_WIND 24143	9.19 -0.18 -0.48	8.05 -0.11 -0.50	7.22 -0.07 -0.52	7.22 -0.11 -0.54	8.55 -0.15 -0.35	9.37 -0.17 -0.22	10.18 -0.30 -0.34	12.61 -0.50 -0.07	12.97 -0.50 -0.02	13.45 -0.43 -0.11	13.39 -0.41 -0.04	12.94 -0.40 -0.12	12.78 -0.46 -0.03	12.60 -0.51 -0.01	10.59 -0.41 -0.24	10.49 -0.37 -0.26	11.24 -0.36 -0.24	13.14 -0.32 -0.23	13.59 -0.34 -0.21	14.42 -0.26 -0.29	14.43 -0.25 -0.24	13.09 -0.34 -0.22	11.10 -0.27 -0.22	8.34 -0.17 -0.75
WESTOVER___LESR 323668	10.19 0.20 -1.10	9.00 0.18 -1.15	8.13 0.16 -1.19	8.17 0.16 -1.23	9.34 0.19 -0.80	10.03 0.21 -0.50	11.16 0.21 -0.80	13.48 0.29 -0.16	13.85 0.34 -0.07	14.48 0.37 -0.34	14.26 0.37 -0.12	13.88 0.34 -0.31	13.62 0.32 -0.10	13.42 0.29 -0.02	11.56 0.23 -0.57	11.41 0.20 -0.61	12.16 0.22 -0.58	14.09 0.32 -0.55	14.54 0.33 -0.48	15.49 0.43 -0.67	15.43 0.45 -0.54	14.05 0.33 -0.51	11.92 0.27 -0.51	9.67 0.19 -1.71
WETHRSFD_WT_PWR 323626	9.41 -0.12 -0.63	8.26 -0.06 -0.66	7.42 -0.03 -0.69	7.43 -0.06 -0.70	8.72 -0.09 -0.46	9.48 -0.12 -0.29	10.39 -0.22 -0.46	12.76 -0.36 -0.09	13.19 -0.32 -0.06	13.78 -0.28 -0.29	13.59 -0.26 -0.09	13.15 -0.28 -0.20	12.96 -0.33 -0.08	12.75 -0.37 -0.01	10.79 -0.30 -0.33	10.72 -0.23 -0.35	11.46 -0.24 -0.33	13.37 -0.17 -0.32	13.82 -0.19 -0.28	14.68 -0.10 -0.38	14.66 -0.09 -0.31	13.29 -0.21 -0.29	11.28 -0.16 -0.29	8.65 -0.10 -0.98
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	12.77 0.63 -3.24	11.60 0.54 -3.40	10.78 0.47 -3.54	10.89 0.48 -3.63	11.30 0.59 -2.36	11.44 0.64 -1.48	13.19 0.72 -2.33	14.46 0.96 -0.46	14.75 1.10 -0.20	15.87 1.14 -0.96	15.26 1.16 -0.34	15.24 1.11 -0.90	14.58 1.08 -0.29	14.23 1.06 -0.07	13.26 0.85 -1.65	13.22 0.85 -1.77	13.97 0.92 -1.69	15.93 1.11 -1.60	16.29 1.14 -1.43	17.57 1.19 -1.98	17.25 1.21 -1.60	15.77 1.06 -1.50	13.56 0.90 -1.51	13.42 0.59 -5.07
YORK___WARBASSE 23770	13.10 0.85 -3.35	11.88 0.70 -3.51	11.03 0.60 -3.66	11.14 0.60 -3.75	11.54 0.74 -2.44	11.64 0.79 -1.53	13.42 0.86 -2.41	14.65 1.13 -0.48	14.95 1.29 -0.21	16.12 1.35 -1.00	15.51 1.39 -0.35	15.51 1.35 -0.93	14.83 1.32 -0.30	14.47 1.30 -0.07	13.52 1.06 -1.71	13.48 1.05 -1.83	14.26 1.15 -1.75	16.22 1.35 -1.65	16.59 1.39 -1.47	17.91 1.47 -2.05	17.57 1.47 -1.66	16.07 1.31 -1.56	13.84 1.14 -1.56	13.76 0.75 -5.24