

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

02/21/2019

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	25.30	23.85	21.92	21.33	22.24	24.71	29.59	30.27	29.42	27.64	27.42	25.85	24.31	24.17	23.44	23.21	24.31	31.02	33.64	29.22	26.62	24.75	24.03	22.21
24138	1.71	1.35	1.36	1.30	1.27	1.61	2.41	2.69	2.45	2.42	2.50	2.43	2.34	2.34	2.20	2.13	2.15	2.60	2.88	2.53	2.54	2.49	1.93	1.82
	-6.11	-8.31	-6.39	-6.03	-6.92	-5.40	-2.84	-2.47	-6.22	-4.88	-4.93	-4.15	-3.39	-3.73	-3.94	-4.04	-5.23	-6.90	-6.95	-6.14	-3.96	-2.37	-5.15	-1.86
74TH STREET_GT_1	25.35	23.90	21.96	21.36	22.27	24.75	29.61	30.29	29.46	27.69	27.45	25.92	24.39	24.20	23.52	23.24	24.34	31.07	33.69	29.29	26.66	24.79	24.08	22.25
24260	1.76	1.39	1.39	1.33	1.29	1.65	2.43	2.71	2.49	2.46	2.52	2.47	2.36	2.35	2.22	2.15	2.17	2.65	2.93	2.59	2.58	2.53	1.98	1.85
	-6.11	-8.31	-6.39	-6.03	-6.92	-5.40	-2.84	-2.47	-6.22	-4.89	-4.94	-4.18	-3.46	-3.74	-4.00	-4.05	-5.24	-6.91	-6.95	-6.14	-3.96	-2.37	-5.16	-1.86
74TH STREET_GT_2	25.35	23.90	21.96	21.36	22.27	24.75	29.61	30.29	29.46	27.69	27.45	25.92	24.39	24.20	23.52	23.24	24.34	31.07	33.69	29.29	26.66	24.79	24.08	22.25
24261	1.76	1.39	1.39	1.33	1.29	1.65	2.43	2.71	2.49	2.46	2.52	2.47	2.36	2.35	2.22	2.15	2.17	2.65	2.93	2.59	2.58	2.53	1.98	1.85
	-6.11	-8.31	-6.39	-6.03	-6.92	-5.40	-2.84	-2.47	-6.22	-4.89	-4.94	-4.18	-3.46	-3.74	-4.00	-4.05	-5.24	-6.91	-6.95	-6.14	-3.96	-2.37	-5.16	-1.86
ADK HUDSON___FALLS	27.04	26.48	23.89	23.24	24.56	26.41	30.41	30.97	31.19	28.88	28.45	26.53	24.77	24.75	24.12	24.04	25.55	32.89	35.50	30.79	27.31	24.90	25.46	23.01
24011	1.38	1.15	1.15	1.16	1.22	1.47	2.24	2.54	2.06	1.97	1.82	1.70	1.71	1.63	1.59	1.57	1.57	2.04	2.38	2.02	1.89	1.85	1.63	1.98
	-8.19	-11.14	-8.57	-8.08	-9.28	-7.24	-3.84	-3.33	-8.38	-6.57	-6.63	-5.57	-4.49	-5.01	-5.23	-5.44	-7.05	-9.33	-9.30	-8.22	-5.29	-3.16	-6.89	-2.49
ADK RESOURCE___RCVRY	27.09	26.50	23.93	23.30	24.60	26.52	30.62	31.15	31.29	28.97	28.55	26.62	24.87	24.83	24.20	24.12	25.62	32.97	35.59	30.89	27.43	25.02	25.48	23.08
23798	1.50	1.26	1.26	1.29	1.35	1.65	2.48	2.74	2.22	2.12	1.98	1.83	1.84	1.76	1.71	1.69	1.71	2.22	2.55	2.18	2.05	1.99	1.69	2.08
	-8.12	-11.04	-8.49	-8.01	-9.20	-7.18	-3.80	-3.30	-8.31	-6.52	-6.58	-5.52	-4.45	-4.97	-5.19	-5.39	-6.98	-9.24	-9.23	-8.15	-5.25	-3.14	-6.84	-2.47
ADK S GLENS___FALLS	27.04	26.48	23.89	23.24	24.56	26.41	30.41	30.97	31.19	28.88	28.45	26.53	24.77	24.75	24.12	24.04	25.55	32.89	35.50	30.79	27.31	24.90	25.46	23.01
24028	1.38	1.15	1.15	1.16	1.22	1.47	2.24	2.54	2.06	1.97	1.82	1.70	1.71	1.63	1.59	1.57	1.57	2.04	2.38	2.02	1.89	1.85	1.63	1.98
	-8.19	-11.14	-8.57	-8.08	-9.28	-7.24	-3.84	-3.33	-8.38	-6.57	-6.63	-5.57	-4.49	-5.01	-5.23	-5.44	-7.05	-9.33	-9.30	-8.22	-5.29	-3.16	-6.89	-2.49
ADK_NYS___DAM	26.85	26.24	23.69	23.06	24.32	26.30	30.34	30.85	30.95	28.67	28.29	26.40	24.63	24.58	23.95	23.86	25.38	32.63	35.19	30.56	27.18	24.82	25.22	22.62
23527	1.36	1.15	1.13	1.16	1.19	1.52	2.26	2.49	2.01	1.91	1.82	1.70	1.67	1.57	1.54	1.52	1.57	2.02	2.26	1.95	1.87	1.83	1.53	1.65
	-8.01	-10.89	-8.38	-7.90	-9.08	-7.08	-3.74	-3.25	-8.18	-6.42	-6.48	-5.43	-4.38	-4.89	-5.11	-5.31	-6.87	-9.09	-9.11	-8.05	-5.18	-3.10	-6.75	-2.44
AIR_PRODUCTS___DRP	26.40	25.73	23.26	22.61	23.82	25.73	29.60	29.52	29.77	27.64	27.29	25.54	23.79	23.79	23.16	23.07	24.44	31.39	33.91	29.45	26.18	24.04	24.76	22.13
24190	1.12	0.92	0.92	0.91	0.93	1.13	1.63	1.26	1.08	1.08	1.02	1.00	0.97	0.94	0.90	0.89	0.85	1.05	1.21	1.05	1.01	1.13	1.24	1.22
	-7.80	-10.61	-8.16	-7.70	-8.85	-6.90	-3.63	-3.15	-7.94	-6.22	-6.28	-5.27	-4.25	-4.75	-4.95	-5.15	-6.66	-8.82	-8.88	-7.84	-5.05	-3.02	-6.58	-2.38
ALBANY___1	26.40	25.73	23.26	22.61	23.82	25.73	29.60	29.52	29.77	27.64	27.29	25.54	23.79	23.79	23.16	23.07	24.44	31.39	33.91	29.45	26.18	24.04	24.76	22.13
23571	1.12	0.92	0.92	0.91	0.93	1.13	1.63	1.26	1.08	1.08	1.02	1.00	0.97	0.94	0.90	0.89	0.85	1.05	1.21	1.05	1.01	1.13	1.24	1.22
	-7.80	-10.61	-8.16	-7.70	-8.85	-6.90	-3.63	-3.15	-7.94	-6.22	-6.28	-5.27	-4.25	-4.75	-4.95	-5.15	-6.66	-8.82	-8.88	-7.84	-5.05	-3.02	-6.58	-2.38
ALBANY___2	26.40	25.73	23.26	22.61	23.82	25.73	29.60	29.52	29.77	27.64	27.29	25.54	23.79	23.79	23.16	23.07	24.44	31.39	33.91	29.45	26.18	24.04	24.76	22.13
23572	1.12	0.92	0.92	0.91	0.93	1.13	1.63	1.26	1.08	1.08	1.02	1.00	0.97	0.94	0.90	0.89	0.85	1.05	1.21	1.05	1.01	1.13	1.24	1.22
	-7.80	-10.61	-8.16	-7.70	-8.85	-6.90	-3.63	-3.15	-7.94	-6.22	-6.28	-5.27	-4.25	-4.75	-4.95	-5.15	-6.66	-8.82	-8.88	-7.84	-5.05	-3.02	-6.58	-2.38
ALBANY___3	26.40	25.73	23.26	22.61	23.82	25.73	29.60	29.52	29.77	27.64	27.29	25.54	23.79	23.79	23.16	23.07	24.44	31.39	33.91	29.45	26.18	24.04	24.76	22.13
23573	1.12	0.92	0.92	0.91	0.93	1.13	1.63	1.26	1.08	1.08	1.02	1.00	0.97	0.94	0.90	0.89	0.85	1.05	1.21	1.05	1.01	1.13	1.24	1.22
	-7.80	-10.61	-8.16	-7.70	-8.85	-6.90	-3.63	-3.15	-7.94	-6.22	-6.28	-5.27	-4.25	-4.75	-4.95	-5.15	-6.66	-8.82	-8.88	-7.84	-5.05	-3.02	-6.58	-2.38
ALBANY___4	26.40	25.73	23.26	22.61	23.82	25.73	29.60	29.52	29.77	27.64	27.29	25.54	23.79	23.79	23.16	23.07	24.44	31.39	33.91	29.45	26.18	24.04	24.76	22.13
23574	1.12	0.92	0.92	0.91	0.93	1.13	1.63	1.26	1.08	1.08	1.02	1.00	0.97	0.94	0.90	0.89	0.85	1.05	1.21	1.05	1.01	1.13	1.24	1.22
	-7.80	-10.61	-8.16	-7.70	-8.85	-6.90	-3.63	-3.15	-7.94	-6.22	-6.28	-5.27	-4.25	-4.75	-4.95	-5.15	-6.66	-8.82	-8.88	-7.84	-5.05	-3.02	-6.58	-2.38



ALBANY___LFGE 323615	26.66 1.28 -7.91	25.99 1.04 -10.75	23.49 1.05 -8.27	22.84 1.04 -7.80	24.07 1.05 -8.96	25.98 1.29 -6.99	29.92 1.90 -3.69	29.94 1.63 -3.20	30.21 1.39 -8.06	28.02 1.36 -6.32	27.67 1.30 -6.38	25.88 1.25 -5.35	24.10 1.21 -4.32	24.10 1.18 -4.82	23.48 1.14 -5.03	23.37 1.11 -5.23	24.76 1.07 -6.77	31.83 1.36 -8.96	34.38 1.57 -9.00	29.86 1.36 -7.95	26.53 1.29 -5.12	24.32 1.37 -3.06	25.01 1.41 -6.66	22.33 1.39 -2.41
ALCOA_RYNLDS___DRP 24188	16.34 -1.14 0.00	13.23 -0.97 0.00	13.21 -0.96 0.00	13.03 -0.97 0.00	13.08 -0.97 0.00	16.43 -1.27 0.00	22.78 -1.56 0.00	18.88 -1.66 4.57	12.74 -1.39 6.63	10.95 -1.34 8.05	10.92 -1.32 7.75	10.86 -1.25 7.16	10.79 -1.21 6.58	10.75 -1.20 6.16	10.71 -1.14 5.45	14.79 -1.14 1.11	15.78 -1.15 0.00	20.16 -1.35 0.00	22.17 -1.64 0.00	19.06 -1.50 0.00	18.74 -1.39 0.00	18.46 -1.43 0.00	15.69 -1.25 0.00	17.18 -1.35 0.00
ALCOA___DSASP 323711	16.34 -1.14 0.00	13.23 -0.97 0.00	13.21 -0.96 0.00	13.03 -0.97 0.00	13.08 -0.97 0.00	16.43 -1.27 0.00	22.78 -1.56 0.00	18.88 -1.66 4.57	12.74 -1.39 6.63	10.95 -1.34 8.05	10.92 -1.32 7.75	10.86 -1.25 7.16	10.79 -1.21 6.58	10.75 -1.20 6.16	10.71 -1.14 5.45	14.79 -1.14 1.11	15.78 -1.15 0.00	20.16 -1.35 0.00	22.17 -1.64 0.00	19.06 -1.50 0.00	18.74 -1.39 0.00	18.46 -1.43 0.00	15.69 -1.25 0.00	17.18 -1.35 0.00
ALLEGHENY___COGEN 23514	19.43 0.91 -1.05	16.40 0.78 -1.43	16.06 0.79 -1.10	15.85 0.81 -1.03	16.08 0.84 -1.19	19.71 1.08 -0.93	26.24 1.41 -0.49	27.50 1.96 -0.42	23.03 1.20 -1.07	22.23 1.06 -0.84	21.86 1.02 -0.84	20.90 0.92 -0.71	20.17 1.02 -0.57	19.61 0.87 -0.64	18.77 0.80 -0.67	18.46 0.73 -0.69	18.62 0.80 -0.90	23.76 1.05 -1.19	26.53 1.53 -1.19	22.97 1.36 -1.05	21.93 1.13 -0.68	21.45 1.15 -0.41	18.81 0.98 -0.88	20.08 1.22 -0.32
ALTONA_WT_PWR 323606	16.83 -0.65 0.00	13.60 -0.60 0.00	13.58 -0.59 0.00	13.37 -0.63 0.00	13.40 -0.65 0.00	16.73 -0.97 0.00	23.05 -1.29 0.00	19.69 -1.46 3.96	13.72 -1.29 5.75	12.08 -1.28 6.98	11.99 -1.28 6.72	11.83 -1.23 6.20	11.64 -1.23 5.71	11.57 -1.20 5.35	11.47 -1.11 4.72	15.00 -1.07 0.96	15.86 -1.07 0.00	20.31 -1.20 0.00	22.31 -1.50 0.00	19.18 -1.38 0.00	18.88 -1.25 0.00	18.60 -1.29 0.00	15.81 -1.14 0.00	17.33 -1.20 0.00
AMERICAN_REF_FUEL 24010	18.37 -0.02 -0.91	15.56 0.13 -1.24	15.28 0.16 -0.95	15.14 0.24 -0.90	15.27 0.18 -1.03	18.47 -0.04 -0.80	23.62 -1.14 -0.42	24.83 -0.65 -0.37	21.04 -0.64 -0.93	20.34 -0.73 -0.73	20.07 -0.66 -0.73	19.13 -0.75 -0.62	18.48 -0.60 -0.50	18.15 -0.51 -0.55	17.35 -0.54 -0.58	17.08 -0.56 -0.60	17.18 -0.52 -0.78	21.56 -0.99 -1.03	24.08 -0.76 -1.04	21.02 -0.45 -0.91	20.09 -0.62 -0.59	19.87 -0.38 -0.35	17.53 -0.19 -0.77	18.77 -0.04 -0.28
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.59 0.05 -1.06	15.84 0.20 -1.44	15.51 0.23 -1.11	15.35 0.31 -1.05	15.52 0.27 -1.20	18.76 0.12 -0.94	24.66 -0.17 -0.49	26.09 0.55 -0.43	22.19 0.35 -1.08	21.39 0.20 -0.85	21.09 0.24 -0.85	20.08 0.10 -0.72	19.36 0.20 -0.58	19.02 0.27 -0.64	18.17 0.19 -0.67	17.87 0.14 -0.70	18.04 0.20 -0.91	22.78 0.06 -1.20	25.66 0.64 -1.21	22.38 0.76 -1.06	21.41 0.60 -0.69	21.20 0.90 -0.41	18.74 0.90 -0.89	19.77 0.91 -0.32
ARTHUR_KILL_GT_1 23520	25.34 1.75 -6.12	23.88 1.36 -8.32	21.93 1.36 -6.40	21.30 1.27 -6.03	22.21 1.24 -6.92	24.62 1.52 -5.40	29.42 2.24 -2.84	30.07 2.49 -2.47	29.28 2.30 -6.22	27.51 2.28 -4.89	27.29 2.36 -4.94	25.72 2.27 -4.18	24.11 2.10 -3.43	23.92 2.08 -3.73	23.26 1.95 -4.00	23.12 2.03 -4.05	24.23 2.06 -5.24	30.96 2.54 -6.91	33.60 2.83 -6.95	29.21 2.51 -6.14	26.56 2.47 -3.96	24.65 2.39 -2.37	23.98 1.88 -5.16	22.20 1.80 -1.87
ARTHUR_KILL_2 23512	25.34 1.75 -6.12	23.88 1.36 -8.32	21.93 1.36 -6.40	21.30 1.27 -6.03	22.21 1.24 -6.92	24.62 1.52 -5.40	29.42 2.24 -2.84	30.07 2.49 -2.47	29.28 2.30 -6.22	27.51 2.28 -4.89	27.29 2.36 -4.94	25.72 2.27 -4.18	24.11 2.10 -3.43	23.92 2.08 -3.73	23.26 1.95 -4.00	23.12 2.03 -4.05	24.23 2.06 -5.24	30.96 2.54 -6.91	33.60 2.83 -6.95	29.21 2.51 -6.14	26.56 2.47 -3.96	24.65 2.39 -2.37	23.98 1.88 -5.16	22.20 1.80 -1.87
ARTHUR_KILL_3 23513	25.30 1.71 -6.11	23.84 1.33 -8.31	21.91 1.35 -6.39	21.30 1.27 -6.03	22.23 1.25 -6.92	24.71 1.61 -5.40	29.47 2.29 -2.84	30.14 2.56 -2.47	29.34 2.37 -6.22	27.61 2.38 -4.89	27.39 2.46 -4.94	25.87 2.43 -4.17	24.36 2.34 -3.44	24.16 2.32 -3.73	23.47 2.18 -3.98	23.18 2.09 -4.05	24.26 2.10 -5.24	30.94 2.52 -6.91	33.50 2.74 -6.95	29.14 2.45 -6.14	26.58 2.49 -3.96	24.71 2.45 -2.37	24.00 1.90 -5.16	22.16 1.76 -1.86
ARTHUR_KILL_COGEN 323718	25.34 1.75 -6.12	23.88 1.36 -8.32	21.93 1.36 -6.40	21.30 1.27 -6.03	22.21 1.24 -6.92	24.62 1.52 -5.40	29.42 2.24 -2.84	30.07 2.49 -2.47	29.28 2.30 -6.22	27.51 2.28 -4.89	27.29 2.36 -4.94	25.72 2.27 -4.18	24.11 2.10 -3.43	23.92 2.08 -3.73	23.26 1.95 -4.00	23.12 2.03 -4.05	24.23 2.06 -5.24	30.96 2.54 -6.91	33.60 2.83 -6.95	29.21 2.51 -6.14	26.56 2.47 -3.96	24.65 2.39 -2.37	23.98 1.88 -5.16	22.20 1.80 -1.87
ASHOKAN____ 23654	25.81 1.78 -6.55	24.61 1.50 -8.91	22.56 1.53 -6.85	21.94 1.48 -6.46	22.93 1.46 -7.42	25.23 1.74 -5.79	29.62 2.24 -3.04	30.29 2.54 -2.64	29.37 1.95 -6.66	27.35 1.79 -5.22	27.24 1.98 -5.27	25.29 1.60 -4.42	23.78 1.64 -3.56	23.88 1.79 -3.98	23.12 1.66 -4.16	23.04 1.69 -4.32	24.20 1.68 -5.59	31.26 2.35 -7.40	33.98 2.71 -7.45	29.34 2.20 -6.58	26.42 2.05 -4.24	24.45 2.03 -2.53	24.14 1.68 -5.52	21.99 1.46 -1.99
ASTORIA_EAST_ENERGY_CC1 323581	25.50 1.91 -6.12	24.03 1.52 -8.32	22.09 1.52 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.76 1.66 -5.40	29.54 2.36 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.88 2.45 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.31 2.15 -5.23	30.86 2.45 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.52 2.43 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_EAST_ENERGY_CC2 323582	25.50 1.91 -6.12	24.03 1.52 -8.32	22.09 1.52 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.76 1.66 -5.40	29.54 2.36 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.36 2.44 -4.93	25.88 2.45 -4.16	24.35 2.34 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.31 2.15 -5.23	30.86 2.45 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.52 2.43 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT2_I 24094	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87



ASTORIA_GT2_2 24095	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT2_3 24096	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT2_4 24097	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT3_1 24098	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT3_2 24099	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT3_3 24100	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT3_4 24101	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT4_1 24102	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT4_2 24103	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT4_3 24104	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT4_4 24105	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT_1 23523	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT_10 24110	25.43 1.83 -6.12	23.96 1.45 -8.32	22.02 1.45 -6.40	21.40 1.37 -6.03	22.32 1.35 -6.92	24.76 1.66 -5.40	29.64 2.46 -2.84	30.29 2.71 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.92 2.47 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.25 2.16 -4.05	24.35 2.18 -5.24	31.11 2.69 -6.91	33.72 2.95 -6.95	29.31 2.61 -6.14	26.66 2.58 -3.96	24.79 2.53 -2.37	24.10 2.00 -5.16	22.33 1.93 -1.87
ASTORIA_GT_11 24225	25.43 1.83 -6.12	23.96 1.45 -8.32	22.02 1.45 -6.40	21.40 1.37 -6.03	22.32 1.35 -6.92	24.76 1.66 -5.40	29.64 2.46 -2.84	30.29 2.71 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.92 2.47 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.25 2.16 -4.05	24.35 2.18 -5.24	31.11 2.69 -6.91	33.72 2.95 -6.95	29.31 2.61 -6.14	26.66 2.58 -3.96	24.79 2.53 -2.37	24.10 2.00 -5.16	22.33 1.93 -1.87
ASTORIA_GT_12 24226	25.43 1.83 -6.12	23.96 1.45 -8.32	22.02 1.45 -6.40	21.40 1.37 -6.03	22.32 1.35 -6.92	24.76 1.66 -5.40	29.64 2.46 -2.84	30.29 2.71 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.92 2.47 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.25 2.16 -4.05	24.35 2.18 -5.24	31.11 2.69 -6.91	33.72 2.95 -6.95	29.31 2.61 -6.14	26.66 2.58 -3.96	24.79 2.53 -2.37	24.10 2.00 -5.16	22.33 1.93 -1.87



ASTORIA_GT_13 24227	25.43 1.83 -6.12	23.96 1.45 -8.32	22.02 1.45 -6.40	21.40 1.37 -6.03	22.32 1.35 -6.92	24.76 1.66 -5.40	29.64 2.46 -2.84	30.29 2.71 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.92 2.47 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.25 2.16 -4.05	24.35 2.18 -5.24	31.11 2.69 -6.91	33.72 2.95 -6.95	29.31 2.61 -6.14	26.66 2.58 -3.96	24.79 2.53 -2.37	24.10 2.00 -5.16	22.33 1.93 -1.87
ASTORIA_GT_5 24106	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT_7 24107	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA_GT_8 24108	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA___2 24149	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA___3 23516	25.43 1.83 -6.12	23.96 1.45 -8.32	22.02 1.45 -6.40	21.40 1.37 -6.03	22.32 1.35 -6.92	24.76 1.66 -5.40	29.64 2.46 -2.84	30.29 2.71 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.92 2.47 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.25 2.16 -4.05	24.35 2.18 -5.24	31.11 2.69 -6.91	33.72 2.95 -6.95	29.31 2.61 -6.14	26.66 2.58 -3.96	24.79 2.53 -2.37	24.10 2.00 -5.16	22.33 1.93 -1.87
ASTORIA___4 23517	25.50 1.91 -6.12	24.03 1.52 -8.32	22.10 1.53 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.09 2.51 -2.47	29.31 2.34 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.90 2.47 -4.16	24.37 2.36 -3.43	24.17 2.34 -3.73	23.48 2.20 -3.97	23.23 2.15 -4.04	24.32 2.17 -5.23	30.89 2.47 -6.90	33.47 2.71 -6.94	29.09 2.40 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.12 2.02 -5.16	22.46 2.06 -1.87
ASTORIA___5 23518	25.43 1.83 -6.12	23.96 1.45 -8.32	22.02 1.45 -6.40	21.40 1.37 -6.03	22.32 1.35 -6.92	24.76 1.66 -5.40	29.64 2.46 -2.84	30.29 2.71 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.92 2.47 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.25 2.16 -4.05	24.35 2.18 -5.24	31.11 2.69 -6.91	33.72 2.95 -6.95	29.31 2.61 -6.14	26.66 2.58 -3.96	24.79 2.53 -2.37	24.10 2.00 -5.16	22.33 1.93 -1.87
AST_ENERGY_2_CC3 323677	25.28 1.69 -6.11	23.83 1.32 -8.31	21.88 1.32 -6.39	21.29 1.26 -6.03	22.21 1.24 -6.92	24.68 1.57 -5.40	29.52 2.34 -2.84	30.19 2.61 -2.47	29.38 2.41 -6.22	27.61 2.38 -4.89	27.39 2.46 -4.94	25.81 2.37 -4.17	24.28 2.27 -3.44	24.10 2.26 -3.73	23.42 2.13 -3.98	23.16 2.08 -4.05	24.26 2.10 -5.24	30.96 2.54 -6.91	33.57 2.81 -6.95	29.18 2.49 -6.14	26.60 2.52 -3.96	24.79 2.53 -2.37	24.07 1.96 -5.16	22.23 1.84 -1.86
AST_ENERGY_2_CC4 323678	25.28 1.69 -6.11	23.83 1.32 -8.31	21.88 1.32 -6.39	21.29 1.26 -6.03	22.21 1.24 -6.92	24.68 1.57 -5.40	29.52 2.34 -2.84	30.19 2.61 -2.47	29.38 2.41 -6.22	27.61 2.38 -4.89	27.39 2.46 -4.94	25.81 2.37 -4.17	24.28 2.27 -3.44	24.10 2.26 -3.73	23.42 2.13 -3.98	23.16 2.08 -4.05	24.26 2.10 -5.24	30.96 2.54 -6.91	33.57 2.81 -6.95	29.18 2.49 -6.14	26.60 2.52 -3.96	24.79 2.53 -2.37	24.07 1.96 -5.16	22.23 1.84 -1.86
ATHENS_STG_1 23668	25.40 1.14 -6.79	24.35 0.92 -9.24	22.20 0.92 -7.10	21.61 0.91 -6.70	22.65 0.90 -7.70	24.82 1.12 -6.00	29.15 1.66 -3.16	29.64 1.78 -2.74	29.22 1.56 -6.91	27.28 1.53 -5.42	27.00 1.54 -5.47	25.34 1.48 -4.59	23.71 1.43 -3.70	23.65 1.41 -4.13	22.95 1.33 -4.31	22.81 1.29 -4.48	24.03 1.30 -5.80	30.80 1.61 -7.67	33.35 1.81 -7.73	28.99 1.60 -6.83	26.09 1.57 -4.40	24.07 1.55 -2.63	23.94 1.27 -5.72	21.82 1.22 -2.07
ATHENS_STG_2 23670	25.40 1.14 -6.79	24.35 0.92 -9.24	22.20 0.92 -7.10	21.61 0.91 -6.70	22.65 0.90 -7.70	24.82 1.12 -6.00	29.15 1.66 -3.16	29.64 1.78 -2.74	29.22 1.56 -6.91	27.28 1.53 -5.42	27.00 1.54 -5.47	25.34 1.48 -4.59	23.71 1.43 -3.70	23.65 1.41 -4.13	22.95 1.33 -4.31	22.81 1.29 -4.48	24.03 1.30 -5.80	30.80 1.61 -7.67	33.35 1.81 -7.73	28.99 1.60 -6.83	26.09 1.57 -4.40	24.07 1.55 -2.63	23.94 1.27 -5.72	21.82 1.22 -2.07
ATHENS_STG_3 23677	25.40 1.14 -6.79	24.35 0.92 -9.24	22.20 0.92 -7.10	21.61 0.91 -6.70	22.65 0.90 -7.70	24.82 1.12 -6.00	29.15 1.66 -3.16	29.64 1.78 -2.74	29.22 1.56 -6.91	27.28 1.53 -5.42	27.00 1.54 -5.47	25.34 1.48 -4.59	23.71 1.43 -3.70	23.65 1.41 -4.13	22.95 1.33 -4.31	22.81 1.29 -4.48	24.03 1.30 -5.80	30.80 1.61 -7.67	33.35 1.81 -7.73	28.99 1.60 -6.83	26.09 1.57 -4.40	24.07 1.55 -2.63	23.94 1.27 -5.72	21.82 1.22 -2.07
AUBURN___LFGE 323710	18.98 0.73 -0.77	15.84 0.60 -1.05	15.58 0.60 -0.81	15.35 0.59 -0.76	15.53 0.60 -0.87	19.14 0.76 -0.68	25.74 1.05 -0.36	26.15 0.73 -0.31	22.08 0.54 -0.78	21.47 0.51 -0.62	21.10 0.48 -0.62	20.24 0.44 -0.52	19.44 0.45 -0.42	19.01 0.43 -0.47	18.17 0.38 -0.49	17.90 0.36 -0.51	17.96 0.37 -0.66	22.88 0.50 -0.87	25.40 0.71 -0.88	21.95 0.62 -0.78	21.15 0.52 -0.50	20.69 0.50 -0.30	18.02 0.42 -0.65	19.29 0.52 -0.23
BABYLON_RES_REC 323704	25.84 2.26 -6.11	24.25 1.75 -8.31	22.30 1.73 -6.39	21.64 1.61 -6.03	22.51 1.53 -6.93	25.30 2.19 -5.40	31.34 3.31 -3.69	34.05 3.64 -5.30	31.62 3.20 -7.67	29.49 3.07 -6.08	29.06 3.08 -5.99	28.46 2.93 -6.26	26.66 2.82 -5.26	27.13 2.77 -6.25	25.64 2.63 -5.71	25.93 2.57 -6.32	26.75 2.62 -7.19	33.17 3.25 -8.40	35.35 3.69 -7.84	32.29 3.19 -8.55	29.79 3.14 -6.52	27.60 3.12 -4.58	25.38 2.51 -5.93	22.77 2.37 -1.86



BARRETT_IC_1 23704	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.60	40.42 2.76 -16.90	40.42 2.73 -17.35	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.13 2.32 -14.51	35.75 2.25 -16.46	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.21	32.46 2.24 -13.28	22.66 2.19 -1.93
BARRETT_IC_10 23701	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.61	40.42 2.76 -16.90	40.42 2.73 -17.36	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.14 2.32 -14.51	35.75 2.25 -16.47	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.22	32.46 2.24 -13.28	22.66 2.19 -1.93
BARRETT_IC_11 23702	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.61	40.42 2.76 -16.90	40.42 2.73 -17.36	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.14 2.32 -14.51	35.75 2.25 -16.47	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.22	32.46 2.24 -13.28	22.66 2.19 -1.93
BARRETT_IC_12 23703	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.61	40.42 2.76 -16.90	40.42 2.73 -17.36	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.14 2.32 -14.51	35.75 2.25 -16.47	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.22	32.46 2.24 -13.28	22.66 2.19 -1.93
BARRETT_IC_2 23705	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.60	40.42 2.76 -16.90	40.42 2.73 -17.35	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.13 2.32 -14.51	35.75 2.25 -16.46	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.21	32.46 2.24 -13.28	22.66 2.19 -1.93
BARRETT_IC_3 23706	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.60	40.42 2.76 -16.90	40.42 2.73 -17.35	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.13 2.32 -14.51	35.75 2.25 -16.46	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.21	32.46 2.24 -13.28	22.66 2.19 -1.93
BARRETT_IC_4 23707	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.60	40.42 2.76 -16.90	40.42 2.73 -17.35	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.13 2.32 -14.51	35.75 2.25 -16.46	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.21	32.46 2.24 -13.28	22.66 2.19 -1.93
BARRETT_IC_5 23708	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.60	40.42 2.76 -16.90	40.42 2.73 -17.35	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.13 2.32 -14.51	35.75 2.25 -16.46	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.21	32.46 2.24 -13.28	22.66 2.19 -1.93
BARRETT_IC_6 23709	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.60	40.42 2.76 -16.90	40.42 2.73 -17.35	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.13 2.32 -14.51	35.75 2.25 -16.46	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.21	32.46 2.24 -13.28	22.66 2.19 -1.93
BARRETT_IC_7 23710	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.60	40.42 2.76 -16.90	40.42 2.73 -17.35	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.13 2.32 -14.51	35.75 2.25 -16.46	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.21	32.46 2.24 -13.28	22.66 2.19 -1.93
BARRETT_IC_8 23711	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.60	40.42 2.76 -16.90	40.42 2.73 -17.35	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.13 2.32 -14.51	35.75 2.25 -16.46	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.21	32.46 2.24 -13.28	22.66 2.19 -1.93
BARRETT_IC_9 23700	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.61	40.42 2.76 -16.90	40.42 2.73 -17.36	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.14 2.32 -14.51	35.75 2.25 -16.47	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.22	32.46 2.24 -13.28	22.66 2.19 -1.93
BARRETT__1 23545	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.60	40.42 2.76 -16.90	40.42 2.73 -17.35	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.13 2.32 -14.51	35.75 2.25 -16.46	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.21	32.46 2.24 -13.28	22.66 2.19 -1.93
BARRETT__2 23546	25.69 2.03 -6.18	24.14 1.56 -8.39	22.17 1.53 -6.47	21.55 1.44 -6.10	22.33 1.35 -6.93	25.12 1.95 -5.48	38.86 2.85 -11.68	42.83 3.11 -14.61	40.42 2.76 -16.90	40.42 2.73 -17.36	35.75 2.72 -13.04	36.98 2.56 -15.15	35.75 2.49 -14.68	35.75 2.46 -15.18	34.14 2.32 -14.51	35.75 2.25 -16.47	35.75 2.30 -16.52	39.30 2.73 -15.05	41.80 3.09 -14.89	39.63 2.67 -16.40	39.30 2.68 -16.50	37.79 2.68 -15.22	32.46 2.24 -13.28	22.66 2.19 -1.93
BAYONEEC__CTG1 323682	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.65 2.42 -4.89	27.43 2.50 -4.94	25.89 2.45 -4.17	24.36 2.34 -3.44	24.18 2.34 -3.73	23.49 2.20 -3.98	23.20 2.11 -4.05	24.30 2.13 -5.54	31.00 2.58 -6.91	33.60 2.83 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86



BAYONEEC___CTG10 323750	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.65 2.42 -4.89	27.43 2.50 -4.94	25.89 2.45 -4.17	24.36 2.34 -3.44	24.18 2.34 -3.73	23.49 2.20 -3.98	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.60 2.83 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
BAYONEEC___CTG2 323683	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.65 2.42 -4.89	27.43 2.50 -4.94	25.89 2.45 -4.17	24.36 2.34 -3.44	24.18 2.34 -3.73	23.49 2.20 -3.98	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.60 2.83 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
BAYONEEC___CTG3 323684	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.65 2.42 -4.89	27.43 2.50 -4.94	25.89 2.45 -4.17	24.36 2.34 -3.44	24.18 2.34 -3.73	23.49 2.20 -3.98	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.60 2.83 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
BAYONEEC___CTG4 323685	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.65 2.42 -4.89	27.43 2.50 -4.94	25.89 2.45 -4.17	24.36 2.34 -3.44	24.18 2.34 -3.73	23.49 2.20 -3.98	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.60 2.83 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
BAYONEEC___CTG5 323686	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.65 2.42 -4.89	27.43 2.50 -4.94	25.89 2.45 -4.17	24.36 2.34 -3.44	24.18 2.34 -3.73	23.49 2.20 -3.98	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.60 2.83 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
BAYONEEC___CTG6 323687	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.65 2.42 -4.89	27.43 2.50 -4.94	25.89 2.45 -4.17	24.36 2.34 -3.44	24.18 2.34 -3.73	23.49 2.20 -3.98	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.60 2.83 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
BAYONEEC___CTG7 323688	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.65 2.42 -4.89	27.43 2.50 -4.94	25.89 2.45 -4.17	24.36 2.34 -3.44	24.18 2.34 -3.73	23.49 2.20 -3.98	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.60 2.83 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
BAYONEEC___CTG8 323689	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.65 2.42 -4.89	27.43 2.50 -4.94	25.89 2.45 -4.17	24.36 2.34 -3.44	24.18 2.34 -3.73	23.49 2.20 -3.98	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.60 2.83 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
BAYONEEC___CTG9 323749	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.65 2.42 -4.89	27.43 2.50 -4.94	25.89 2.45 -4.17	24.36 2.34 -3.44	24.18 2.34 -3.73	23.49 2.20 -3.98	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.60 2.83 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
BEACON___LESR 323632	26.56 1.35 -7.74	25.85 1.12 -10.53	23.40 1.12 -8.10	22.75 1.11 -7.64	23.95 1.12 -8.78	25.93 1.38 -6.85	29.96 2.02 -3.60	30.12 1.88 -3.13	30.24 1.60 -7.88	28.09 1.57 -6.18	27.73 1.50 -6.23	25.95 1.45 -5.23	24.19 1.39 -4.22	24.18 1.36 -4.71	23.52 1.30 -4.92	23.41 1.26 -5.11	24.78 1.24 -6.62	31.84 1.57 -8.75	34.43 1.81 -8.81	29.92 1.58 -7.78	26.65 1.51 -5.01	24.46 1.57 -2.99	24.98 1.51 -6.53	22.38 1.48 -2.36
BEAVER RIVER___HYD 24048	17.35 -0.24 -0.12	14.16 -0.20 -0.16	14.07 -0.23 -0.12	13.86 -0.25 -0.12	13.97 -0.21 -0.13	17.54 -0.27 -0.10	24.42 0.02 -0.06	29.48 -0.15 -4.52	27.03 -0.33 -6.61	28.12 -0.18 -7.96	27.35 -0.32 -7.68	26.12 -0.23 -7.08	24.76 -0.32 -6.50	23.81 -0.40 -6.10	22.33 -0.38 -5.40	17.80 -0.41 -1.17	16.66 -0.37 -0.10	21.44 -0.22 -0.14	23.83 -0.12 -0.13	20.37 -0.31 -0.12	19.94 -0.26 -0.08	19.64 -0.30 -0.05	16.74 -0.30 -0.10	18.22 -0.35 -0.04
BEEBEE_GT_13 23619	18.35 0.14 -0.73	15.36 0.17 -0.99	15.12 0.18 -0.77	14.93 0.21 -0.72	15.10 0.22 -0.83	18.59 0.25 -0.65	24.70 0.02 -0.34	25.78 0.38 -0.30	21.52 0.02 -0.74	20.86 -0.06 -0.58	20.54 -0.04 -0.59	19.69 -0.08 -0.49	18.99 0.02 -0.40	18.50 -0.05 -0.45	17.68 -0.09 -0.46	17.42 -0.10 -0.48	17.49 -0.07 -0.63	22.19 -0.15 -0.83	24.69 0.05 -0.83	21.42 0.12 -0.73	20.58 -0.02 -0.47	20.22 0.04 -0.28	17.66 0.10 -0.62	19.00 0.24 -0.22
BETHLEHEM___GRP 23843	26.40 1.12 -7.80	25.73 0.92 -10.61	23.26 0.92 -8.16	22.61 0.91 -7.70	23.82 0.93 -8.85	25.73 1.13 -6.90	29.60 1.63 -3.63	29.52 1.26 -3.15	29.77 1.08 -7.94	27.64 1.08 -6.22	27.29 1.02 -6.28	25.54 1.00 -5.27	23.79 0.97 -4.25	23.79 0.94 -4.75	23.16 0.90 -4.95	23.07 0.89 -5.15	24.44 0.85 -6.66	31.39 1.05 -8.82	33.91 1.21 -8.88	29.45 1.05 -7.84	26.18 1.01 -5.05	24.04 1.13 -3.02	24.76 1.24 -6.58	22.13 1.22 -2.38
BETHLEHEM___GS1 323560	26.40 1.12 -7.80	25.73 0.92 -10.61	23.26 0.92 -8.16	22.61 0.91 -7.70	23.82 0.93 -8.85	25.73 1.13 -6.90	29.60 1.63 -3.63	29.52 1.26 -3.15	29.77 1.08 -7.94	27.64 1.08 -6.22	27.29 1.02 -6.28	25.54 1.00 -5.27	23.79 0.97 -4.25	23.79 0.94 -4.75	23.16 0.90 -4.95	23.07 0.89 -5.15	24.44 0.85 -6.66	31.39 1.05 -8.82	33.91 1.21 -8.88	29.45 1.05 -7.84	26.18 1.01 -5.05	24.04 1.13 -3.02	24.76 1.24 -6.58	22.13 1.22 -2.38
BETHLEHEM___GS2 323561	26.40 1.12 -7.80	25.73 0.92 -10.61	23.26 0.92 -8.16	22.61 0.91 -7.70	23.82 0.93 -8.85	25.73 1.13 -6.90	29.60 1.63 -3.63	29.52 1.26 -3.15	29.77 1.08 -7.94	27.64 1.08 -6.22	27.29 1.02 -6.28	25.54 1.00 -5.27	23.79 0.97 -4.25	23.79 0.94 -4.75	23.16 0.90 -4.95	23.07 0.89 -5.15	24.44 0.85 -6.66	31.39 1.05 -8.82	33.91 1.21 -8.88	29.45 1.05 -7.84	26.18 1.01 -5.05	24.04 1.13 -3.02	24.76 1.24 -6.58	22.13 1.22 -2.38



BETHLEHEM___GS3 323562	26.40 1.12 -7.80	25.73 0.92 -10.61	23.26 0.92 -8.16	22.61 0.91 -7.70	23.82 0.93 -8.85	25.73 1.13 -6.90	29.60 1.63 -3.63	29.52 1.26 -3.15	29.77 1.08 -7.94	27.64 1.08 -6.22	27.29 1.02 -6.28	25.54 1.00 -5.27	23.79 0.97 -4.25	23.79 0.94 -4.75	23.16 0.90 -4.95	23.07 0.89 -5.15	24.44 0.85 -6.66	31.39 1.05 -8.82	33.91 1.21 -8.88	29.45 1.05 -7.84	26.18 1.01 -5.05	24.04 1.13 -3.02	24.76 1.24 -6.58	22.13 1.22 -2.38
BETHLEHEM___STEEL 23779	18.83 0.38 -0.97	15.97 0.45 -1.31	15.65 0.47 -1.01	15.50 0.55 -0.95	15.65 0.51 -1.10	18.94 0.39 -0.85	24.81 0.02 -0.45	26.15 0.65 -0.39	22.20 0.46 -0.98	21.44 0.32 -0.77	21.13 0.36 -0.78	20.14 0.21 -0.65	19.44 0.33 -0.53	19.11 0.42 -0.59	18.25 0.33 -0.61	17.96 0.29 -0.64	18.08 0.32 -0.83	22.76 0.15 -1.09	25.51 0.60 -1.10	22.21 0.68 -0.97	21.19 0.44 -0.63	20.92 0.66 -0.37	18.40 0.64 -0.81	19.48 0.65 -0.29
BETHPAGE_CC_5 323564	25.75 2.17 -6.11	24.18 1.67 -8.31	22.23 1.66 -6.39	21.57 1.54 -6.03	22.44 1.46 -6.93	25.19 2.09 -5.40	31.36 3.16 -3.86	34.01 3.47 -5.43	31.67 3.07 -7.84	29.65 2.99 -6.32	29.13 3.00 -6.14	28.57 2.85 -6.45	26.78 2.75 -5.46	27.25 2.70 -6.44	25.76 2.56 -5.90	26.08 2.51 -6.53	26.86 2.54 -7.39	33.18 3.12 -8.54	35.33 3.52 -7.99	32.30 3.06 -8.68	29.86 3.02 -6.72	27.70 3.00 -4.81	25.45 2.42 -6.09	22.69 2.30 -1.86
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.91 0.47 -0.97	16.04 0.53 -1.31	15.72 0.54 -1.01	15.57 0.62 -0.95	15.72 0.58 -1.09	19.03 0.48 -0.85	24.96 0.17 -0.45	26.36 0.85 -0.39	22.34 0.60 -0.98	21.58 0.47 -0.77	21.29 0.52 -0.78	20.29 0.37 -0.65	19.59 0.48 -0.53	19.24 0.54 -0.59	18.39 0.47 -0.61	18.08 0.41 -0.64	18.21 0.46 -0.83	22.93 0.32 -1.09	25.72 0.81 -1.10	22.37 0.84 -0.97	21.35 0.60 -0.62	21.08 0.82 -0.37	18.52 0.76 -0.81	19.59 0.76 -0.29
BINGHAMTON___COGEN 23790	20.22 0.73 -2.01	17.55 0.62 -2.73	16.88 0.61 -2.10	16.60 0.62 -1.98	16.94 0.62 -2.27	20.20 0.73 -1.77	26.29 1.02 -0.93	27.08 1.16 -0.81	23.75 0.96 -2.04	22.88 0.94 -1.60	22.51 0.90 -1.62	21.46 0.83 -1.36	20.47 0.80 -1.09	20.16 0.83 -1.22	19.34 0.76 -1.27	19.08 0.72 -1.32	19.37 0.73 -1.72	24.69 0.90 -2.27	27.24 1.14 -2.28	23.58 1.01 -2.02	22.35 0.93 -1.30	21.60 0.94 -0.78	19.40 0.76 -1.69	19.96 0.81 -0.61
BLACK RIVER___HYD 24047	17.80 0.09 -0.24	14.59 0.07 -0.32	14.47 0.04 -0.25	14.25 0.01 -0.24	14.38 0.06 -0.27	17.98 0.07 -0.21	25.01 0.56 -0.11	28.69 0.35 -3.23	25.57 0.02 -4.79	26.23 0.18 -5.71	25.53 0.02 -5.51	24.45 0.12 -5.07	23.22 0.00 -4.64	22.37 -0.11 -4.37	21.07 -0.12 -3.89	17.82 -0.14 -0.92	17.02 -0.12 -0.21	21.98 0.19 -0.27	24.49 0.40 -0.27	20.88 0.08 -0.24	20.38 0.10 -0.15	20.04 0.06 -0.09	17.16 0.02 -0.20	18.61 0.00 -0.07
BLISS_WT_PWR 323608	19.65 1.08 -1.09	16.70 1.02 -1.49	16.32 1.01 -1.14	16.17 1.09 -1.08	16.34 1.05 -1.24	19.78 1.12 -0.97	26.18 1.34 -0.51	27.51 1.96 -0.44	23.43 1.56 -1.11	22.60 1.38 -0.87	22.25 1.38 -0.88	21.15 1.14 -0.74	20.38 1.21 -0.59	20.08 1.30 -0.66	19.18 1.18 -0.69	18.83 1.07 -0.72	18.98 1.12 -0.93	23.93 1.18 -1.24	26.86 1.81 -1.24	23.32 1.66 -1.10	22.24 1.41 -0.71	21.93 1.61 -0.42	19.22 1.36 -0.92	20.29 1.43 -0.33
BLUE_CIRC_CHEM_DRP 24182	26.28 1.12 -7.69	25.58 0.92 -10.46	23.14 0.92 -8.04	22.51 0.92 -7.59	23.69 0.93 -8.72	25.63 1.13 -6.80	29.54 1.63 -3.57	29.74 1.53 -3.10	29.87 1.31 -7.80	27.74 1.28 -6.12	27.43 1.26 -6.18	25.67 1.21 -5.18	23.93 1.17 -4.18	23.92 1.14 -4.67	23.27 1.09 -4.87	23.17 1.07 -5.06	24.53 1.05 -6.55	31.50 1.31 -8.67	34.06 1.50 -8.75	29.58 1.30 -7.73	26.35 1.25 -4.98	24.16 1.29 -2.97	24.65 1.22 -6.48	22.10 1.22 -2.34
BOC_GAS_DRP 24189	26.29 1.01 -7.80	25.63 0.82 -10.61	23.16 0.82 -8.16	22.51 0.81 -7.70	23.71 0.81 -8.84	25.61 1.01 -6.90	29.41 1.46 -3.61	29.66 1.41 -3.14	29.86 1.20 -7.90	27.72 1.18 -6.20	27.43 1.18 -6.25	25.66 1.14 -5.25	23.90 1.10 -4.23	23.90 1.07 -4.73	23.26 1.02 -4.93	23.17 1.00 -5.13	24.55 0.98 -6.64	31.52 1.23 -8.78	34.07 1.38 -8.88	29.61 1.21 -7.84	26.34 1.17 -5.05	24.12 1.21 -3.02	24.64 1.12 -6.57	22.00 1.09 -2.37
BORALEX_4TH_BRANCH 23824	26.85 1.36 -8.01	26.24 1.15 -10.89	23.69 1.13 -8.38	23.06 1.16 -7.90	24.32 1.19 -9.08	26.30 1.52 -7.08	30.34 2.26 -3.74	30.85 2.49 -3.25	30.95 2.01 -8.18	28.67 1.91 -6.42	28.29 1.82 -6.48	26.40 1.70 -5.43	24.63 1.67 -4.38	24.58 1.57 -4.89	23.95 1.54 -5.11	23.86 1.52 -5.31	25.38 1.57 -6.87	32.63 2.02 -9.09	35.19 2.26 -9.11	30.56 1.95 -8.05	27.18 1.87 -5.18	24.82 1.83 -3.10	25.22 1.53 -6.75	22.62 1.65 -2.44
BOWLINE___1 23526	24.79 1.38 -5.93	23.37 1.11 -8.07	21.49 1.11 -6.21	20.92 1.06 -5.85	21.82 1.04 -6.72	24.25 1.31 -5.24	29.07 1.97 -2.76	29.72 2.21 -2.40	28.81 2.01 -6.04	27.05 1.97 -4.73	26.81 2.04 -4.78	25.27 1.99 -4.01	23.71 1.90 -3.23	23.62 1.90 -3.61	22.85 1.78 -3.77	22.69 1.74 -3.92	23.76 1.76 -5.07	30.35 2.13 -6.71	32.94 2.38 -6.75	28.62 2.10 -5.96	26.06 2.09 -3.84	24.24 2.05 -2.29	23.52 1.58 -5.00	21.79 1.45 -1.81
BOWLINE___2 23595	24.79 1.38 -5.93	23.37 1.11 -8.07	21.49 1.11 -6.21	20.92 1.06 -5.85	21.82 1.04 -6.72	24.26 1.31 -5.25	29.07 1.97 -2.76	29.72 2.21 -2.40	28.81 2.01 -6.04	27.05 1.97 -4.73	26.81 2.04 -4.78	25.27 1.99 -4.01	23.71 1.90 -3.23	23.62 1.90 -3.61	22.86 1.78 -3.77	22.69 1.74 -3.92	23.76 1.76 -5.07	30.35 2.13 -6.71	32.95 2.38 -6.75	28.62 2.10 -5.96	26.06 2.09 -3.84	24.24 2.05 -2.29	23.52 1.58 -5.00	21.79 1.45 -1.81
BROOKHAVEN___DRP 24191	25.92 2.34 -6.10	24.36 1.86 -8.31	22.46 1.90 -6.39	21.79 1.76 -6.02	22.65 1.67 -6.93	25.43 2.34 -5.40	31.11 3.60 -3.17	33.86 3.99 -4.76	31.31 3.47 -7.09	28.91 3.23 -5.34	28.76 3.24 -5.53	28.01 3.06 -5.68	26.17 2.95 -4.64	26.63 2.86 -5.67	25.21 2.77 -5.13	25.42 2.73 -5.65	26.25 2.74 -6.58	33.10 3.61 -7.97	35.19 4.00 -7.38	32.08 3.45 -8.07	29.31 3.30 -5.89	27.10 3.32 -3.88	25.10 2.71 -5.45	22.86 2.47 -1.85
BROOKLYN_NAVY_YARD 23515	25.31 1.73 -6.11	23.84 1.33 -8.31	21.90 1.33 -6.39	21.30 1.27 -6.03	22.21 1.24 -6.92	24.69 1.59 -5.40	29.57 2.39 -2.84	30.27 2.69 -2.47	29.44 2.47 -6.22	27.65 2.42 -4.89	27.41 2.48 -4.94	25.83 2.39 -4.17	24.28 2.27 -3.44	24.10 2.26 -3.73	23.43 2.15 -3.98	23.16 2.08 -4.05	24.28 2.12 -5.24	31.02 2.60 -6.91	33.62 2.86 -6.95	29.25 2.55 -6.14	26.64 2.56 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.19 1.80 -1.86
BROOKLYN___ARMY_DRP 323595	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87



BROOME_2_LFGE 323671	20.22 0.73 -2.01	17.55 0.62 -2.73	16.88 0.61 -2.10	16.60 0.62 -1.98	16.94 0.62 -2.27	20.20 0.73 -1.77	26.29 1.02 -0.93	27.08 1.16 -0.81	23.75 0.96 -2.04	22.88 0.94 -1.60	22.51 0.90 -1.62	21.46 0.83 -1.36	20.47 0.80 -1.09	20.16 0.83 -1.22	19.34 0.76 -1.27	19.08 0.72 -1.32	19.37 0.73 -1.72	24.69 0.90 -2.27	27.24 1.14 -2.28	23.58 1.01 -2.02	22.35 0.93 -1.30	21.60 0.94 -0.78	19.40 0.76 -1.69	19.96 0.81 -0.61
BROOME___LFGE 323600	20.22 0.73 -2.01	17.55 0.62 -2.73	16.88 0.61 -2.10	16.60 0.62 -1.98	16.94 0.62 -2.27	20.20 0.73 -1.77	26.29 1.02 -0.93	27.08 1.16 -0.81	23.75 0.96 -2.04	22.88 0.94 -1.60	22.51 0.90 -1.62	21.46 0.83 -1.36	20.47 0.80 -1.09	20.16 0.83 -1.22	19.34 0.76 -1.27	19.08 0.72 -1.32	19.37 0.73 -1.72	24.69 0.90 -2.27	27.24 1.14 -2.28	23.58 1.01 -2.02	22.35 0.93 -1.30	21.60 0.94 -0.78	19.40 0.76 -1.69	19.96 0.81 -0.61
BURROWS___LYONSDAL 23803	17.75 0.28 0.00	14.42 0.23 0.00	14.37 0.20 0.00	14.18 0.18 0.00	14.26 0.21 0.00	17.97 0.27 0.00	25.04 0.71 0.00	27.94 0.58 -2.25	24.34 0.31 -3.27	24.71 0.41 -3.97	24.10 0.28 -3.82	23.12 0.33 -3.53	22.06 0.24 -3.24	21.31 0.16 -3.04	20.15 0.16 -2.68	17.72 0.14 -0.55	17.08 0.15 0.00	21.92 0.41 0.00	24.38 0.57 0.00	20.88 0.33 0.00	20.47 0.34 0.00	20.21 0.32 0.00	17.20 0.25 0.00	18.78 0.24 0.00
CAITHNESS_CC_1 323624	25.87 2.29 -6.10	24.32 1.82 -8.31	22.40 1.84 -6.39	21.75 1.72 -6.02	22.61 1.63 -6.93	25.38 2.28 -5.40	31.01 3.51 -3.17	33.76 3.89 -4.75	31.23 3.38 -7.09	28.85 3.17 -5.33	28.70 3.18 -5.53	27.95 3.00 -5.67	26.11 2.90 -4.64	26.58 2.81 -5.67	25.15 2.72 -5.13	25.36 2.67 -5.65	26.20 2.69 -6.58	33.01 3.53 -7.97	35.07 3.88 -7.38	31.99 3.37 -8.06	29.25 3.24 -5.89	27.04 3.26 -3.88	25.03 2.64 -5.45	22.80 2.41 -1.85
CALPINE BETH_PAGE_GT4 24209	25.76 2.17 -6.11	24.19 1.67 -8.32	22.21 1.64 -6.40	21.57 1.54 -6.03	22.44 1.46 -6.93	25.19 2.09 -5.41	31.63 3.14 -4.15	34.28 3.47 -5.70	31.96 3.05 -8.15	30.04 2.97 -6.73	29.39 3.00 -6.39	28.87 2.83 -6.77	27.13 2.75 -5.80	27.57 2.70 -6.77	26.07 2.54 -6.22	26.43 2.49 -6.90	27.20 2.54 -7.73	33.39 3.10 -8.78	35.58 3.52 -8.25	32.54 3.04 -8.94	30.20 3.02 -7.06	28.09 3.00 -5.19	25.70 2.41 -6.35	22.70 2.30 -1.86
CALPINE_BETH_PAGE_GT_4 323586	25.76 2.17 -6.11	24.19 1.67 -8.32	22.21 1.64 -6.40	21.57 1.54 -6.03	22.44 1.46 -6.93	25.19 2.09 -5.41	31.63 3.14 -4.15	34.28 3.47 -5.70	31.96 3.05 -8.15	30.04 2.97 -6.73	29.39 3.00 -6.39	28.87 2.83 -6.77	27.13 2.75 -5.80	27.57 2.70 -6.77	26.07 2.54 -6.22	26.43 2.49 -6.90	27.20 2.54 -7.73	33.39 3.10 -8.78	35.58 3.52 -8.25	32.54 3.04 -8.94	30.20 3.02 -7.06	28.09 3.00 -5.19	25.70 2.41 -6.35	22.70 2.30 -1.86
CALPINE_BP_GT1 23823	25.76 2.17 -6.11	24.19 1.67 -8.32	22.21 1.64 -6.40	21.57 1.54 -6.03	22.44 1.46 -6.93	25.19 2.09 -5.41	31.63 3.14 -4.15	34.28 3.47 -5.70	31.96 3.05 -8.15	30.04 2.97 -6.73	29.39 3.00 -6.39	28.87 2.83 -6.77	27.13 2.75 -5.80	27.57 2.70 -6.77	26.07 2.54 -6.22	26.43 2.49 -6.90	27.20 2.54 -7.73	33.39 3.10 -8.78	35.58 3.52 -8.25	32.54 3.04 -8.94	30.20 3.02 -7.06	28.09 3.00 -5.19	25.70 2.41 -6.35	22.70 2.30 -1.86
CALSPAN___DRP 24200	18.83 0.38 -0.97	15.97 0.45 -1.31	15.65 0.47 -1.01	15.50 0.55 -0.95	15.65 0.51 -1.10	18.94 0.39 -0.85	24.81 0.02 -0.45	26.15 0.65 -0.39	22.20 0.46 -0.98	21.44 0.32 -0.77	21.13 0.36 -0.78	20.14 0.21 -0.65	19.44 0.33 -0.53	19.11 0.42 -0.59	18.25 0.33 -0.61	17.96 0.29 -0.64	18.08 0.32 -0.83	22.76 0.15 -1.09	25.51 0.60 -1.10	22.21 0.68 -0.97	21.19 0.44 -0.63	20.92 0.66 -0.37	18.40 0.64 -0.81	19.48 0.65 -0.29
CANDIGU_WT_PWR 323617	19.53 0.70 -1.35	16.68 0.64 -1.84	16.23 0.64 -1.42	16.02 0.69 -1.34	16.25 0.66 -1.53	19.62 0.73 -1.20	25.79 0.83 -0.63	26.84 1.18 -0.55	23.07 0.93 -1.38	22.27 0.85 -1.08	21.93 0.84 -1.09	20.88 0.69 -0.91	20.06 0.74 -0.74	19.73 0.80 -0.82	18.87 0.71 -0.86	18.58 0.65 -0.89	18.76 0.68 -1.16	23.75 0.71 -1.53	26.47 1.12 -1.54	22.96 1.05 -1.36	21.88 0.88 -0.88	21.41 0.99 -0.52	18.95 0.86 -1.14	19.87 0.93 -0.41
CARR STREET_E_SYR 24060	18.19 0.17 -0.54	15.09 0.16 -0.74	14.89 0.14 -0.57	14.69 0.15 -0.54	14.82 0.15 -0.62	18.36 0.18 -0.48	24.71 0.12 -0.25	25.46 0.13 -0.22	21.39 0.08 -0.55	20.86 0.08 -0.43	20.51 0.08 -0.44	19.70 0.06 -0.37	18.93 0.06 -0.30	18.51 0.07 -0.33	17.70 0.05 -0.35	17.43 0.03 -0.36	17.45 0.05 -0.47	22.15 0.02 -0.62	24.58 0.14 -0.62	21.23 0.12 -0.55	20.56 0.08 -0.35	20.18 0.08 -0.21	17.47 0.07 -0.46	18.85 0.15 -0.17
CARTHAGE___PAPER 23857	17.63 -0.05 -0.20	14.43 -0.04 -0.28	14.32 -0.07 -0.21	14.09 -0.11 -0.20	14.23 -0.06 -0.23	17.81 -0.07 -0.18	24.77 0.34 -0.10	28.86 0.15 -3.59	25.93 -0.12 -5.30	26.70 0.02 -6.34	22.27 -0.14 -6.12	21.44 -0.04 -5.63	23.59 -0.15 -5.16	22.73 -0.24 -4.86	21.39 -0.23 -4.31	17.77 -0.26 -0.99	16.87 -0.24 -0.18	21.77 0.02 -0.23	24.23 0.19 -0.23	20.68 -0.08 -0.21	20.20 -0.06 -0.13	19.87 -0.10 -0.08	17.00 -0.12 -0.17	18.45 -0.15 -0.06
CE_DUNWOOD___DRP 24194	25.11 1.54 -6.09	23.72 1.23 -8.29	21.78 1.23 -6.38	21.20 1.19 -6.01	22.13 1.17 -6.91	24.54 1.45 -5.39	29.36 2.19 -2.84	30.01 2.44 -2.46	29.18 2.22 -6.20	27.38 2.18 -4.86	27.16 2.26 -4.91	25.59 2.20 -4.12	24.00 2.10 -3.32	23.92 2.10 -3.71	23.15 1.97 -3.87	22.97 1.91 -4.02	24.08 1.95 -5.21	30.77 2.37 -6.89	33.37 2.62 -6.94	29.01 2.32 -6.13	26.36 2.29 -3.95	24.50 2.25 -2.36	23.83 1.75 -5.14	22.00 1.61 -1.86
CE_MILLWOOD___DRP 24193	25.03 1.48 -6.07	23.63 1.18 -8.26	21.72 1.19 -6.35	21.14 1.15 -5.99	22.04 1.11 -6.88	24.47 1.40 -5.37	29.28 2.12 -2.83	29.90 2.34 -2.45	29.08 2.14 -6.18	27.28 2.10 -4.85	27.07 2.18 -4.89	25.49 2.12 -4.10	23.89 2.01 -3.31	23.81 2.01 -3.70	23.05 1.89 -3.86	22.89 1.84 -4.01	23.98 1.86 -5.19	30.66 2.28 -6.86	33.27 2.55 -6.91	28.90 2.24 -6.10	26.27 2.21 -3.93	24.41 2.17 -2.35	23.74 1.68 -5.12	21.94 1.56 -1.85
CE_NYC2_DRP 24202	25.43 1.83 -6.12	23.96 1.45 -8.32	22.02 1.45 -6.40	21.40 1.37 -6.03	22.31 1.34 -6.92	24.78 1.68 -5.40	29.64 2.46 -2.84	30.32 2.74 -2.47	29.48 2.51 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.92 2.47 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.27 2.18 -4.05	24.37 2.20 -5.24	31.11 2.69 -6.91	33.74 2.98 -6.95	29.31 2.61 -6.14	26.68 2.60 -3.96	24.79 2.53 -2.37	24.10 2.00 -5.16	22.33 1.93 -1.87
CE_NYC_DRP 24195	25.33 1.75 -6.11	23.87 1.36 -8.31	21.94 1.37 -6.39	21.33 1.30 -6.03	22.25 1.28 -6.92	24.73 1.63 -5.40	29.59 2.41 -2.84	30.29 2.71 -2.47	29.44 2.47 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.93	25.91 2.47 -4.17	24.37 2.36 -3.43	24.19 2.35 -3.73	23.50 2.22 -3.98	23.23 2.15 -4.05	24.33 2.17 -5.23	31.04 2.62 -6.91	33.67 2.90 -6.95	29.27 2.57 -6.14	26.66 2.58 -3.96	24.79 2.53 -2.37	24.07 1.96 -5.16	22.23 1.84 -1.86



CHAFEE___LFGE 323603	19.08 0.58 -1.03	16.19 0.60 -1.40	15.86 0.61 -1.07	15.70 0.69 -1.01	15.86 0.65 -1.16	19.19 0.58 -0.91	25.18 0.37 -0.48	26.58 1.05 -0.42	22.57 0.77 -1.05	21.79 0.63 -0.82	21.48 0.66 -0.83	20.45 0.48 -0.69	19.73 0.59 -0.56	19.40 0.67 -0.63	18.53 0.57 -0.65	18.23 0.51 -0.68	18.37 0.56 -0.88	23.15 0.47 -1.16	25.96 0.98 -1.17	22.58 0.99 -1.03	21.51 0.72 -0.66	21.24 0.95 -0.40	18.67 0.86 -0.87	19.70 0.85 -0.31
CHATEAUG_WT_PWR 323614	16.74 -0.73 0.00	13.54 -0.65 0.00	13.52 -0.65 0.00	13.31 -0.69 0.00	13.36 -0.69 0.00	16.69 -1.01 0.00	23.02 -1.31 0.00	19.70 -1.46 3.96	13.73 -1.29 5.74	12.12 -1.26 6.96	12.03 -1.26 6.71	11.87 -1.21 6.19	11.68 -1.21 5.69	11.60 -1.18 5.33	11.48 -1.11 4.71	15.01 -1.07 0.96	15.86 -1.07 0.00	20.29 -1.23 0.00	22.31 -1.50 0.00	19.18 -1.38 0.00	18.88 -1.25 0.00	18.60 -1.29 0.00	15.81 -1.14 0.00	17.33 -1.20 0.00
CHAT_HIGH_FALL_HYD 323578	16.69 -0.79 0.00	13.49 -0.71 0.00	13.47 -0.71 0.00	13.26 -0.74 0.00	13.29 -0.76 0.00	16.59 -1.11 0.00	22.90 -1.44 0.00	19.26 -1.61 4.25	13.21 -1.39 6.16	11.48 -1.38 7.48	11.41 -1.31 7.21	11.31 -1.32 6.65	11.14 -1.29 6.12	11.09 -1.19 5.73	11.05 -1.16 5.06	14.85 -1.15 1.03	15.78 -1.15 0.00	20.20 -1.31 0.00	22.19 -1.62 0.00	19.08 -1.48 0.00	18.78 -1.35 0.00	18.50 -1.39 0.00	15.73 -1.22 0.00	17.24 -1.30 0.00
CHAUTAUQUA___LFGE 323629	18.88 0.40 -1.00	16.03 0.47 -1.36	15.71 0.48 -1.05	15.55 0.56 -0.99	15.71 0.52 -1.14	19.03 0.44 -0.89	25.02 0.22 -0.47	26.45 0.93 -0.41	22.44 0.66 -1.02	21.67 0.53 -0.80	21.34 0.54 -0.81	20.33 0.39 -0.68	19.63 0.50 -0.55	19.28 0.56 -0.61	18.41 0.47 -0.64	18.11 0.41 -0.66	18.24 0.46 -0.86	23.01 0.37 -1.13	25.86 0.90 -1.14	22.49 0.93 -1.01	21.48 0.70 -0.65	21.23 0.95 -0.39	18.69 0.90 -0.84	19.73 0.89 -0.31
CH_MIDHUDSON___DRP 24192	25.56 1.61 -6.48	24.30 1.29 -8.82	22.26 1.30 -6.78	21.66 1.26 -6.39	22.63 1.24 -7.35	24.97 1.54 -5.73	29.62 2.26 -3.02	30.24 2.51 -2.62	29.57 2.22 -6.59	27.69 2.18 -5.17	27.45 2.24 -5.22	25.79 2.14 -4.38	24.15 2.04 -3.53	24.11 2.06 -3.94	23.36 1.94 -4.12	23.21 1.89 -4.28	24.38 1.91 -5.54	31.23 2.39 -7.33	33.87 2.69 -7.37	29.41 2.34 -6.51	26.61 2.29 -4.19	24.64 2.25 -2.50	24.15 1.75 -5.46	22.14 1.63 -1.97
CH_MISC_IPPS 23765	25.40 1.66 -6.26	24.07 1.35 -8.52	22.08 1.35 -6.56	21.50 1.32 -6.18	22.43 1.28 -7.10	24.83 1.59 -5.54	29.57 2.31 -2.92	30.23 2.59 -2.53	29.40 2.26 -6.38	27.56 2.22 -5.00	27.36 2.32 -5.05	25.68 2.18 -4.23	24.07 2.08 -3.41	24.04 2.12 -3.81	23.27 1.99 -3.98	23.11 1.94 -4.14	24.25 1.96 -5.35	31.07 2.47 -7.08	33.72 2.47 -7.12	29.27 2.42 -6.29	26.55 2.37 -4.05	24.62 2.31 -2.42	24.02 1.80 -5.28	22.11 1.67 -1.91
CH_RES_BVR_FALLS 23983	16.59 -0.56 0.33	13.28 -0.47 0.45	13.38 -0.45 0.34	13.23 -0.45 0.32	13.24 -0.44 0.37	16.86 -0.55 0.29	23.43 -0.75 0.15	23.16 -0.38 1.58	18.00 -0.33 2.43	17.21 -0.33 2.81	16.96 -0.32 2.72	16.47 -0.31 2.49	16.02 -0.30 2.26	15.67 -0.29 2.15	15.10 -0.28 1.93	16.20 -0.27 0.56	16.10 -0.56 0.27	20.49 -0.67 0.36	22.70 -0.74 0.37	19.59 -0.64 0.33	19.33 -0.58 0.21	19.21 -0.56 0.13	16.23 -0.44 0.28	17.97 -0.46 0.10
CH_RES_NIAGARA 23895	18.01 -0.37 -0.91	15.26 -0.17 -1.23	15.02 -0.10 -0.95	14.88 -0.01 -0.89	15.01 -0.07 -1.03	18.11 -0.39 -0.80	23.54 -1.22 -0.42	24.73 -0.75 -0.37	21.00 -0.68 -0.92	20.29 -0.77 -0.72	20.01 -0.72 -0.73	19.09 -0.79 -0.61	18.44 -0.63 -0.49	18.12 -0.54 -0.55	17.33 -0.55 -0.58	17.04 -0.60 -0.60	17.15 -0.56 -0.78	21.49 -1.05 -1.03	23.99 -0.86 -1.03	20.95 -0.51 -0.91	20.03 -0.68 -0.59	19.81 -0.44 -0.35	17.49 -0.22 -0.76	18.55 -0.26 -0.28
CH_RES_SYRACUSE 23985	18.54 0.45 -0.61	15.40 0.37 -0.83	15.18 0.37 -0.64	14.97 0.36 -0.60	15.12 0.38 -0.69	18.70 0.46 -0.54	25.16 0.53 -0.28	25.61 0.25 -0.25	21.54 0.17 -0.62	20.99 0.16 -0.49	20.63 0.14 -0.49	19.82 0.14 -0.41	19.04 0.13 -0.33	18.61 0.13 -0.37	17.81 0.12 -0.39	17.54 0.10 -0.40	17.55 0.10 -0.52	22.34 0.13 -0.69	24.77 0.26 -0.69	21.40 0.23 -0.61	20.70 0.18 -0.39	20.31 0.18 -0.24	17.61 0.15 -0.51	18.96 0.24 -0.19
CLINTON_WT_PWR 323605	16.74 -0.73 0.00	13.54 -0.65 0.00	13.52 -0.65 0.00	13.31 -0.69 0.00	13.36 -0.69 0.00	16.69 -1.01 0.00	23.02 -1.31 0.00	19.70 -1.46 3.96	13.73 -1.29 5.74	12.12 -1.26 6.96	12.03 -1.26 6.71	11.87 -1.21 6.19	11.68 -1.21 5.69	11.60 -1.18 5.33	11.48 -1.11 4.71	15.01 -1.07 0.96	15.86 -1.07 0.00	20.29 -1.23 0.00	22.31 -1.50 0.00	19.18 -1.38 0.00	18.88 -1.25 0.00	18.60 -1.29 0.00	15.81 -1.14 0.00	17.33 -1.20 0.00
CLINTON___LFGE 323618	16.92 -0.56 0.00	13.64 -0.55 0.00	13.62 -0.55 0.00	13.41 -0.59 0.00	13.46 -0.59 0.00	16.74 -0.96 0.00	23.14 -1.19 0.00	19.75 -1.33 4.03	13.71 -1.20 5.85	12.04 -1.20 7.10	11.96 -1.20 6.84	11.81 -1.16 6.31	11.62 -1.15 5.80	11.53 -1.14 5.44	11.45 -1.06 4.80	15.05 -1.01 0.98	15.97 -0.96 0.00	20.48 -1.03 0.00	22.48 -1.33 0.00	19.30 -1.25 0.00	19.02 -1.11 0.00	18.72 -1.17 0.00	15.86 -1.08 0.00	17.39 -1.15 0.00
COLONIE_LFGE___ 323577	26.95 1.29 -8.18	26.40 1.08 -11.13	23.79 1.06 -8.56	23.15 1.08 -8.07	24.43 1.11 -9.27	26.30 1.36 -7.23	30.21 2.04 -3.83	30.57 2.13 -3.32	30.86 1.74 -8.36	28.59 1.69 -6.56	28.19 1.58 -6.62	26.31 1.48 -5.55	24.52 1.47 -4.48	24.50 1.39 -5.00	23.87 1.35 -5.22	23.79 1.33 -5.42	25.31 1.35 -7.02	32.55 1.74 -9.29	35.12 2.00 -9.31	30.48 1.71 -8.22	27.05 1.63 -5.29	24.67 1.61 -3.16	25.28 1.44 -6.89	22.56 1.54 -2.49
COPENHAGEN_WT_PWR 323753	17.81 0.07 -0.26	14.61 0.06 -0.36	14.48 0.03 -0.27	14.26 0.00 -0.26	14.39 0.04 -0.30	17.97 0.04 -0.23	24.92 0.46 -0.12	28.37 0.28 -2.98	25.17 -0.02 -4.44	25.73 0.12 -5.27	25.04 -0.04 -5.09	24.00 0.06 -4.68	22.82 -0.04 -4.28	22.00 -0.15 -4.03	20.76 -0.14 -3.59	17.74 -0.17 -0.87	17.02 -0.14 -0.23	21.94 0.13 -0.30	24.42 0.31 -0.30	20.86 0.04 -0.26	20.35 0.06 -0.17	20.01 0.02 -0.10	17.15 -0.02 -0.22	18.60 -0.02 -0.08
CORNELL____ 23752	19.67 0.82 -1.38	16.75 0.68 -1.87	16.28 0.67 -1.44	16.02 0.66 -1.36	16.29 0.67 -1.56	19.75 0.83 -1.22	26.19 1.22 -0.64	26.95 1.28 -0.56	23.18 1.02 -1.40	22.44 1.00 -1.10	22.05 0.94 -1.11	21.07 0.87 -0.93	20.14 0.82 -0.75	19.76 0.82 -0.84	18.94 0.76 -0.87	18.66 0.72 -0.91	18.85 0.74 -1.18	24.06 0.99 -1.56	26.66 1.28 -1.57	23.01 1.07 -1.38	22.02 1.01 -0.89	21.40 0.97 -0.53	18.89 0.78 -1.16	19.81 0.85 -0.42
COXSACKIE___GT 23611	25.92 1.75 -6.70	24.76 1.45 -9.11	22.64 1.46 -7.01	22.04 1.43 -6.61	23.06 1.42 -7.59	25.36 1.74 -5.92	29.81 2.36 -3.11	30.35 2.54 -2.70	29.62 2.06 -6.81	27.63 1.95 -5.34	27.43 2.04 -5.39	25.59 1.79 -4.52	24.01 1.78 -3.65	24.03 1.85 -4.07	23.29 1.73 -4.25	23.19 1.74 -4.42	24.38 1.73 -5.72	31.38 2.30 -7.57	34.08 2.64 -7.62	29.49 2.20 -6.73	26.55 2.09 -4.34	24.55 2.07 -2.59	24.35 1.76 -5.65	22.22 1.65 -2.04



CPV_VALLEY___CC1 323721	23.92 1.12 -5.32	22.33 0.89 -7.24	20.64 0.89 -5.57	20.12 0.87 -5.25	20.93 0.84 -6.03	23.47 1.06 -4.71	28.42 1.61 -2.48	29.05 1.78 -2.15	27.77 1.60 -5.42	26.18 1.59 -4.25	25.92 1.64 -4.29	24.45 1.58 -3.60	22.98 1.50 -2.90	22.87 1.52 -3.24	22.10 1.42 -3.38	21.93 1.38 -3.51	22.88 1.40 -4.55	29.23 1.70 -6.02	31.78 1.91 -6.06	27.59 1.69 -5.35	25.24 1.67 -3.45	23.58 1.63 -2.06	22.69 1.25 -4.49	21.30 1.15 -1.62
CPV_VALLEY___CC2 323722	23.92 1.12 -5.32	22.33 0.89 -7.24	20.64 0.89 -5.57	20.12 0.87 -5.25	20.93 0.84 -6.03	23.47 1.06 -4.71	28.42 1.61 -2.48	29.05 1.78 -2.15	27.77 1.60 -5.42	26.18 1.59 -4.25	25.92 1.64 -4.29	24.45 1.58 -3.60	22.98 1.50 -2.90	22.87 1.52 -3.24	22.10 1.42 -3.38	21.93 1.38 -3.51	22.88 1.40 -4.55	29.23 1.70 -6.02	31.78 1.91 -6.06	27.59 1.69 -5.35	25.24 1.67 -3.45	23.58 1.63 -2.06	22.69 1.25 -4.49	21.30 1.15 -1.62
CRESCENT___HYD 24018	26.95 1.29 -8.18	26.40 1.08 -11.13	23.79 1.06 -8.56	23.15 1.08 -8.07	24.43 1.11 -9.27	26.30 1.36 -7.23	30.21 2.04 -3.83	30.57 2.13 -3.32	30.86 1.74 -8.36	28.59 1.69 -6.56	28.19 1.58 -6.62	26.31 1.48 -5.55	24.52 1.47 -4.48	24.50 1.39 -5.00	23.87 1.35 -5.22	23.79 1.33 -5.42	25.31 1.35 -7.02	32.55 1.74 -9.29	35.12 2.00 -9.31	30.48 1.71 -8.22	27.05 1.63 -5.29	24.67 1.61 -3.16	25.28 1.44 -6.89	22.56 1.54 -2.49
CRUCIBLE_METL_DRP 24180	18.54 0.45 -0.61	15.40 0.37 -0.83	15.18 0.37 -0.64	14.97 0.36 -0.60	15.12 0.38 -0.69	18.70 0.46 -0.54	25.16 0.53 -0.28	25.61 0.25 -0.25	21.54 0.17 -0.62	20.99 0.16 -0.49	20.63 0.14 -0.49	19.82 0.14 -0.41	19.04 0.13 -0.33	18.61 0.13 -0.37	17.81 0.12 -0.39	17.54 0.10 -0.40	17.55 0.10 -0.52	22.34 0.13 -0.69	24.77 0.26 -0.69	21.40 0.23 -0.61	20.70 0.18 -0.39	20.31 0.18 -0.24	17.61 0.15 -0.51	18.96 0.24 -0.19
DANC___LFGE 323619	17.80 -0.02 -0.34	14.65 -0.01 -0.47	14.51 -0.03 -0.36	14.28 -0.06 -0.34	14.43 -0.01 -0.39	17.95 -0.05 -0.30	24.60 0.10 -0.16	27.16 -0.05 -2.10	23.74 -0.21 -3.19	23.96 -0.10 -3.72	23.40 -0.20 -3.60	22.45 -0.11 -3.30	21.42 -0.17 -3.01	20.74 -0.22 -2.85	19.65 -0.21 -2.55	17.50 -0.24 -0.70	16.99 -0.24 -0.30	21.80 -0.11 -0.39	24.23 0.02 -0.39	20.78 -0.12 -0.35	20.23 -0.12 -0.22	19.87 -0.16 -0.13	17.10 -0.14 -0.29	18.55 -0.09 -0.10
DANSKAMMER___1 23586	25.40 1.66 -6.26	24.07 1.35 -8.52	22.08 1.35 -6.56	21.50 1.32 -6.18	22.43 1.28 -7.10	24.83 1.59 -5.54	29.57 2.31 -2.92	30.23 2.59 -2.53	29.40 2.26 -6.38	27.56 2.22 -5.00	27.36 2.32 -5.05	25.68 2.18 -4.23	24.07 2.08 -3.41	24.04 2.12 -3.81	23.27 1.99 -3.98	23.11 1.94 -4.14	24.25 1.96 -5.35	31.07 2.47 -7.08	33.72 2.42 -7.12	29.27 2.42 -6.29	26.55 2.37 -4.05	24.62 2.31 -2.42	24.02 1.80 -5.28	22.11 1.67 -1.91
DANSKAMMER___2 23589	25.40 1.66 -6.26	24.07 1.35 -8.52	22.08 1.35 -6.56	21.50 1.32 -6.18	22.43 1.28 -7.10	24.83 1.59 -5.54	29.57 2.31 -2.92	30.23 2.59 -2.53	29.40 2.26 -6.38	27.56 2.22 -5.00	27.36 2.32 -5.05	25.68 2.18 -4.23	24.07 2.08 -3.41	24.04 2.12 -3.81	23.27 1.99 -3.98	23.11 1.94 -4.14	24.25 1.96 -5.35	31.07 2.47 -7.08	33.72 2.78 -7.12	29.27 2.42 -6.29	26.55 2.37 -4.05	24.62 2.31 -2.42	24.02 1.80 -5.28	22.11 1.67 -1.91
DANSKAMMER___3 23590	25.40 1.66 -6.26	24.07 1.35 -8.52	22.08 1.35 -6.56	21.50 1.32 -6.18	22.43 1.28 -7.10	24.83 1.59 -5.54	29.57 2.31 -2.92	30.23 2.59 -2.53	29.40 2.26 -6.38	27.56 2.22 -5.00	27.36 2.32 -5.05	25.68 2.18 -4.23	24.07 2.08 -3.41	24.04 2.12 -3.81	23.27 1.99 -3.98	23.11 1.94 -4.14	24.25 1.96 -5.35	31.07 2.47 -7.08	33.72 2.78 -7.12	29.27 2.42 -6.29	26.55 2.37 -4.05	24.62 2.31 -2.42	24.02 1.80 -5.28	22.11 1.67 -1.91
DANSKAMMER___4 23591	25.40 1.66 -6.26	24.07 1.35 -8.52	22.08 1.35 -6.56	21.50 1.32 -6.18	22.43 1.28 -7.10	24.83 1.59 -5.54	29.57 2.31 -2.92	30.23 2.59 -2.53	29.40 2.26 -6.38	27.56 2.22 -5.00	27.36 2.32 -5.05	25.68 2.18 -4.23	24.07 2.08 -3.41	24.04 2.12 -3.81	23.27 1.99 -3.98	23.11 1.94 -4.14	24.25 1.96 -5.35	31.07 2.47 -7.08	33.72 2.78 -7.12	29.27 2.42 -6.29	26.55 2.37 -4.05	24.62 2.31 -2.42	24.02 1.80 -5.28	22.11 1.67 -1.91
DANSKAMMER___DIESEL 23592	25.40 1.66 -6.26	24.07 1.35 -8.52	22.08 1.35 -6.56	21.50 1.32 -6.18	22.43 1.28 -7.10	24.83 1.59 -5.54	29.57 2.31 -2.92	30.23 2.59 -2.53	29.40 2.26 -6.38	27.56 2.22 -5.00	27.36 2.32 -5.05	25.68 2.18 -4.23	24.07 2.08 -3.41	24.04 2.12 -3.81	23.27 1.99 -3.98	23.11 1.94 -4.14	24.25 1.96 -5.35	31.07 2.47 -7.08	33.72 2.78 -7.12	29.27 2.42 -6.29	26.55 2.37 -4.05	24.62 2.31 -2.42	24.02 1.80 -5.28	22.11 1.67 -1.91
DASHVILLE___HYD 23610	25.02 1.20 -6.34	23.80 0.98 -8.62	21.80 0.99 -6.63	21.21 0.95 -6.25	22.16 0.93 -7.18	24.45 1.15 -5.60	28.94 1.66 -2.95	29.56 1.88 -2.56	28.84 1.64 -6.45	26.98 1.59 -5.06	26.76 1.66 -5.10	25.11 1.56 -4.28	23.53 1.50 -3.45	23.50 1.54 -3.86	22.76 1.44 -4.02	22.63 1.41 -4.18	23.76 1.42 -5.41	30.46 1.78 -7.16	33.02 2.00 -7.21	28.67 1.75 -6.37	25.93 1.71 -4.10	24.01 1.67 -2.45	23.59 1.30 -5.34	21.65 1.19 -1.93
DELAWARE___LFGE 323621	21.03 0.93 -2.62	18.52 0.75 -3.57	17.67 0.75 -2.75	17.32 0.73 -2.59	17.76 0.73 -2.98	20.92 0.90 -2.32	27.00 1.44 -1.22	27.66 1.48 -1.06	24.68 1.25 -2.68	23.68 1.24 -2.10	23.31 1.20 -2.12	22.20 1.16 -1.78	21.09 1.08 -1.43	20.76 1.05 -1.60	19.96 0.99 -1.67	19.73 0.95 -1.74	20.16 0.98 -2.25	25.78 1.29 -2.98	28.33 1.53 -2.99	24.47 1.27 -2.64	23.07 1.25 -1.70	22.14 1.23 -1.02	20.16 1.00 -2.21	20.30 0.96 -0.80
DOGLEVILLE___HYD 23807	18.36 1.05 0.16	14.84 0.87 0.22	14.91 0.91 0.17	14.80 0.97 0.16	14.89 1.03 0.19	18.87 1.31 0.14	25.92 1.66 0.07	26.65 1.61 0.07	21.79 1.20 0.17	21.30 1.10 0.13	20.88 1.02 0.14	20.18 1.02 0.11	19.47 0.98 0.09	18.96 0.96 0.10	18.11 0.92 0.11	17.81 0.89 0.11	17.64 0.85 0.14	22.43 1.10 0.18	24.91 1.28 0.19	21.46 1.07 0.16	21.06 1.05 0.11	20.96 1.13 0.06	17.79 0.98 0.14	19.58 1.09 0.05
DUNKIRK___1 23563	18.88 0.40 -1.00	16.02 0.47 -1.36	15.70 0.48 -1.05	15.55 0.56 -0.99	15.70 0.52 -1.13	19.03 0.44 -0.88	25.02 0.22 -0.47	26.42 0.90 -0.40	22.44 0.66 -1.02	21.65 0.51 -0.80	21.34 0.54 -0.80	20.33 0.39 -0.68	19.60 0.48 -0.54	19.28 0.56 -0.61	18.41 0.47 -0.63	18.11 0.41 -0.66	18.24 0.46 -0.85	22.99 0.34 -1.13	25.83 0.88 -1.14	22.46 0.90 -1.00	21.46 0.68 -0.65	21.21 0.94 -0.39	18.67 0.88 -0.84	19.71 0.87 -0.30
DUNKIRK___2 23564	18.88 0.40 -1.00	16.02 0.47 -1.36	15.70 0.48 -1.05	15.55 0.56 -0.99	15.70 0.52 -1.13	19.03 0.44 -0.88	25.02 0.22 -0.47	26.42 0.90 -0.40	22.44 0.66 -1.02	21.65 0.51 -0.80	21.34 0.54 -0.80	20.33 0.39 -0.68	19.60 0.48 -0.54	19.28 0.56 -0.61	18.41 0.47 -0.63	18.11 0.41 -0.66	18.24 0.46 -0.85	22.99 0.34 -1.13	25.83 0.88 -1.14	22.46 0.90 -1.00	21.46 0.68 -0.65	21.21 0.94 -0.39	18.67 0.88 -0.84	19.71 0.87 -0.30



DUNKIRK___3 23565	18.86 0.40 -0.98	16.00 0.47 -1.34	15.69 0.48 -1.03	15.53 0.56 -0.97	15.69 0.52 -1.11	18.99 0.42 -0.87	24.94 0.15 -0.46	26.34 0.83 -0.40	22.34 0.58 -1.00	21.57 0.45 -0.78	21.27 0.48 -0.79	20.26 0.33 -0.66	19.54 0.43 -0.54	19.21 0.51 -0.60	18.34 0.41 -0.62	18.04 0.36 -0.65	18.18 0.41 -0.84	22.91 0.28 -1.11	25.69 0.76 -1.12	22.37 0.82 -0.99	21.34 0.58 -0.64	21.11 0.84 -0.38	18.55 0.78 -0.83	19.63 0.80 -0.30
DUNKIRK___4 23566	18.86 0.40 -0.98	16.00 0.47 -1.34	15.69 0.48 -1.03	15.53 0.56 -0.97	15.69 0.52 -1.11	18.99 0.42 -0.87	24.94 0.15 -0.46	26.34 0.83 -0.40	22.34 0.58 -1.00	21.57 0.45 -0.78	21.27 0.48 -0.79	20.26 0.33 -0.66	19.54 0.43 -0.54	19.21 0.51 -0.60	18.34 0.41 -0.62	18.04 0.36 -0.65	18.18 0.41 -0.84	22.91 0.28 -1.11	25.69 0.76 -1.12	22.37 0.82 -0.99	21.34 0.58 -0.64	21.11 0.84 -0.38	18.55 0.78 -0.83	19.63 0.80 -0.30
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.19 1.61 -6.11	23.78 1.28 -8.31	21.85 1.29 -6.39	21.26 1.23 -6.03	22.18 1.21 -6.92	24.62 1.52 -5.40	29.47 2.29 -2.84	30.12 2.54 -2.47	29.28 2.30 -6.22	27.49 2.28 -4.88	27.27 2.36 -4.92	25.71 2.31 -4.13	24.12 2.21 -3.33	24.03 2.21 -3.72	23.26 2.08 -3.88	23.08 2.01 -4.03	24.18 2.03 -5.22	30.87 2.45 -6.91	33.50 2.74 -6.95	29.10 2.40 -6.14	26.47 2.39 -3.95	24.62 2.37 -2.36	23.93 1.83 -5.15	22.08 1.69 -1.86
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.87 1.41 -5.98	23.47 1.14 -8.14	21.58 1.15 -6.26	21.01 1.11 -5.90	21.91 1.08 -6.78	24.35 1.36 -5.29	29.12 2.00 -2.78	29.79 2.26 -2.42	28.86 2.01 -6.09	27.07 1.95 -4.77	26.85 2.04 -4.82	25.26 1.95 -4.04	23.71 1.88 -3.26	23.63 1.88 -3.64	22.87 1.77 -3.80	22.71 1.72 -3.95	23.78 1.74 -5.11	30.43 2.15 -6.76	33.05 2.43 -6.80	28.68 2.12 -6.01	26.09 2.09 -3.87	24.23 2.03 -2.31	23.56 1.58 -5.04	21.80 1.45 -1.82
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.48 1.89 -6.12	24.00 1.49 -8.32	22.08 1.50 -6.40	21.46 1.43 -6.03	22.37 1.39 -6.92	24.78 1.68 -5.40	29.59 2.41 -2.84	30.19 2.61 -2.47	29.37 2.41 -6.21	27.58 2.36 -4.88	27.36 2.44 -4.93	25.80 2.37 -4.16	24.25 2.25 -3.43	24.08 2.24 -3.73	23.39 2.11 -3.97	23.17 2.09 -4.04	24.27 2.12 -5.23	30.99 2.58 -6.90	33.61 2.86 -6.94	29.22 2.53 -6.13	26.58 2.49 -3.96	24.69 2.43 -2.37	24.07 1.96 -5.16	22.39 1.98 -1.87
EAST HAMPTON___GT 23717	27.60 4.02 -6.10	25.74 3.24 -8.31	23.81 3.25 -6.39	23.12 3.09 -6.02	23.93 2.95 -6.93	27.17 4.07 -5.40	33.64 6.13 -3.17	36.65 6.78 -4.76	33.49 5.64 -7.09	31.01 5.33 -5.34	30.75 5.22 -5.53	29.88 4.93 -5.68	27.92 4.70 -4.64	28.27 4.49 -5.67	26.75 4.31 -5.14	26.99 4.29 -5.66	27.87 4.35 -6.58	35.47 5.98 -7.98	37.98 6.79 -7.38	34.46 5.84 -8.07	31.55 5.53 -5.89	29.27 5.49 -3.89	26.75 4.36 -5.45	24.43 4.04 -1.85
EAST RIVER___6 23660	25.31 1.73 -6.11	23.85 1.35 -8.31	21.91 1.35 -6.39	21.31 1.29 -6.03	22.23 1.25 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.27 2.69 -2.47	29.44 2.47 -6.22	27.69 2.46 -4.89	27.45 2.52 -4.94	25.91 2.47 -4.17	24.37 2.36 -3.44	24.18 2.34 -3.73	23.49 2.20 -3.98	23.22 2.13 -4.05	24.33 2.17 -5.24	31.04 2.62 -6.91	33.65 2.88 -6.95	29.25 2.55 -6.14	26.64 2.56 -3.96	24.77 2.51 -2.37	24.07 1.96 -5.16	22.21 1.82 -1.86
EAST RIVER___7 23524	25.31 1.73 -6.11	23.85 1.35 -8.31	21.91 1.35 -6.39	21.31 1.29 -6.03	22.23 1.25 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.27 2.69 -2.47	29.44 2.47 -6.22	27.69 2.46 -4.89	27.45 2.52 -4.94	25.91 2.47 -4.17	24.37 2.36 -3.44	24.18 2.34 -3.73	23.49 2.20 -3.98	23.22 2.13 -4.05	24.33 2.17 -5.24	31.04 2.62 -6.91	33.65 2.88 -6.95	29.25 2.55 -6.14	26.64 2.56 -3.96	24.77 2.51 -2.37	24.07 1.96 -5.16	22.21 1.82 -1.86
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.11 1.54 -6.09	23.72 1.23 -8.29	21.78 1.23 -6.38	21.20 1.19 -6.01	22.13 1.17 -6.91	24.54 1.45 -5.39	29.36 2.19 -2.84	30.01 2.44 -2.46	29.18 2.22 -6.20	27.38 2.18 -4.86	27.16 2.26 -4.91	25.59 2.20 -4.12	24.00 2.10 -3.32	23.92 2.10 -3.71	23.15 1.97 -3.87	22.97 1.91 -4.02	24.08 1.95 -5.21	30.77 2.37 -6.89	33.37 2.62 -6.94	29.01 2.32 -6.13	26.36 2.29 -3.95	24.50 2.25 -2.36	23.83 1.75 -5.14	22.00 1.61 -1.86
EAST_HAMPTON___DIESEL 23722	27.62 4.04 -6.10	25.74 3.24 -8.31	23.82 3.26 -6.39	23.13 3.11 -6.02	23.93 2.95 -6.93	27.17 4.07 -5.40	33.64 6.13 -3.17	36.68 6.80 -4.76	33.52 5.67 -7.09	31.01 5.33 -5.34	30.76 5.24 -5.53	29.88 4.93 -5.68	27.94 4.72 -4.64	28.27 4.49 -5.67	26.75 4.31 -5.14	27.01 4.31 -5.66	27.87 4.35 -6.58	35.47 5.98 -7.98	37.98 6.79 -7.38	34.46 5.84 -8.07	31.55 5.53 -5.89	29.27 5.49 -3.89	26.75 4.36 -5.45	24.43 4.04 -1.85
EAST_RIVER___1 323558	25.33 1.75 -6.11	23.87 1.36 -8.31	21.94 1.37 -6.39	21.33 1.30 -6.03	22.25 1.28 -6.92	24.73 1.63 -5.40	29.59 2.41 -2.84	30.29 2.71 -2.47	29.44 2.47 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.93	25.91 2.47 -4.17	24.37 2.36 -3.43	24.19 2.35 -3.73	23.50 2.22 -3.98	23.23 2.15 -4.05	24.33 2.17 -5.23	31.04 2.62 -6.91	33.67 2.90 -6.95	29.27 2.57 -6.14	26.66 2.58 -3.96	24.79 2.53 -2.37	24.07 1.96 -5.16	22.23 1.84 -1.86
EAST_RIVER___2 323559	25.31 1.73 -6.11	23.85 1.35 -8.31	21.91 1.35 -6.39	21.31 1.29 -6.03	22.23 1.25 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.27 2.69 -2.47	29.44 2.47 -6.22	27.69 2.46 -4.89	27.45 2.52 -4.94	25.91 2.47 -4.17	24.37 2.36 -3.44	24.18 2.34 -3.73	23.49 2.20 -3.98	23.22 2.13 -4.05	24.33 2.17 -5.24	31.04 2.62 -6.91	33.65 2.88 -6.95	29.25 2.55 -6.14	26.64 2.56 -3.96	24.77 2.51 -2.37	24.07 1.96 -5.16	22.21 1.82 -1.86
EAST___DELAWARE_HYD 23607	24.56 1.54 -5.55	23.00 1.25 -7.55	21.24 1.26 -5.81	20.70 1.22 -5.48	21.54 1.19 -6.29	24.10 1.49 -4.91	29.08 2.17 -2.58	29.77 2.41 -2.24	28.46 2.06 -5.65	26.78 2.01 -4.43	26.54 2.08 -4.47	24.97 1.95 -3.75	23.48 1.88 -3.02	23.39 1.90 -3.38	22.61 1.78 -3.52	22.46 1.76 -3.66	23.45 1.78 -4.74	30.05 2.26 -6.27	32.70 2.57 -6.32	28.34 2.20 -5.58	25.87 2.15 -3.59	24.13 2.09 -2.15	23.25 1.63 -4.68	21.73 1.50 -1.69
ELEC_TRO_TEK 24086	25.52 1.92 -6.13	24.00 1.48 -8.33	22.03 1.45 -6.41	21.40 1.36 -6.05	22.26 1.28 -6.93	24.94 1.82 -5.42	32.56 2.75 -5.48	34.92 3.01 -6.79	32.98 2.70 -9.52	31.58 2.64 -8.60	30.24 2.68 -7.57	30.04 2.52 -8.25	28.40 2.45 -7.37	28.79 2.43 -8.25	27.27 2.28 -7.68	27.84 2.21 -8.59	28.48 2.27 -9.28	34.09 2.71 -9.86	36.33 3.09 -9.42	33.26 2.67 -10.03	31.37 2.66 -8.59	29.52 2.67 -6.96	26.67 2.15 -7.57	22.49 2.08 -1.88
ELLENBURG_WT_PWR 323604	16.74 -0.73 0.00	13.54 -0.65 0.00	13.52 -0.65 0.00	13.31 -0.69 0.00	13.36 -0.69 0.00	16.69 -1.01 0.00	23.02 -1.31 0.00	19.70 -1.46 3.96	13.73 -1.29 5.74	12.12 -1.26 6.96	12.03 -1.26 6.71	11.87 -1.21 6.19	11.68 -1.21 5.69	11.60 -1.18 5.33	11.48 -1.11 4.71	15.01 -1.07 0.96	15.86 -1.07 0.00	20.29 -1.23 0.00	22.31 -1.50 0.00	19.18 -1.38 0.00	18.88 -1.25 0.00	18.60 -1.29 0.00	15.81 -1.14 0.00	17.33 -1.20 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.83 0.38 -0.97	15.97 0.45 -1.32	15.65 0.47 -1.01	15.50 0.55 -0.95	15.65 0.51 -1.10	18.94 0.39 -0.86	24.81 0.02 -0.45	26.18 0.68 -0.39	22.20 0.46 -0.98	21.44 0.32 -0.77	21.14 0.36 -0.78	20.16 0.23 -0.65	19.46 0.35 -0.53	19.11 0.42 -0.59	18.27 0.35 -0.61	17.97 0.29 -0.64	18.08 0.32 -0.83	22.76 0.15 -1.09	25.51 0.60 -1.10	22.21 0.68 -0.97	21.19 0.44 -0.63	20.92 0.66 -0.37	18.40 0.64 -0.82	19.48 0.65 -0.29
EMPIRE_CC_1 323656	26.21 1.17 -7.56	25.46 0.98 -10.28	23.05 0.96 -7.91	22.44 0.98 -7.46	23.60 0.98 -8.57	25.60 1.22 -6.68	29.49 1.63 -3.52	29.83 1.66 -3.06	29.87 1.41 -7.70	27.78 1.40 -6.04	27.41 1.32 -6.09	25.69 1.31 -5.11	23.96 1.26 -4.12	23.94 1.23 -4.60	23.29 1.18 -4.80	23.19 1.16 -4.99	24.41 1.02 -6.46	31.34 1.27 -8.55	33.84 1.43 -8.60	29.41 1.25 -7.60	26.22 1.21 -4.89	24.07 1.25 -2.92	24.60 1.29 -6.37	22.17 1.34 -2.30
EMPIRE_CC_2 323658	26.21 1.17 -7.56	25.46 0.98 -10.28	23.05 0.96 -7.91	22.44 0.98 -7.46	23.60 0.98 -8.57	25.60 1.22 -6.68	29.49 1.63 -3.52	29.83 1.66 -3.06	29.87 1.41 -7.70	27.78 1.40 -6.04	27.41 1.32 -6.09	25.69 1.31 -5.11	23.96 1.26 -4.12	23.94 1.23 -4.60	23.29 1.18 -4.80	23.19 1.16 -4.99	24.41 1.02 -6.46	31.34 1.27 -8.55	33.84 1.43 -8.60	29.41 1.25 -7.60	26.22 1.21 -4.89	24.07 1.25 -2.92	24.60 1.29 -6.37	22.17 1.34 -2.30
ERIE_WT_PWR 323693	18.84 0.40 -0.97	15.98 0.47 -1.31	15.67 0.48 -1.01	15.50 0.55 -0.95	15.67 0.52 -1.10	18.96 0.41 -0.85	24.84 0.05 -0.45	26.20 0.70 -0.39	22.22 0.48 -0.98	21.46 0.35 -0.77	21.15 0.38 -0.78	20.17 0.25 -0.65	19.48 0.37 -0.53	19.13 0.43 -0.59	18.28 0.36 -0.61	17.98 0.31 -0.64	18.09 0.34 -0.83	22.78 0.17 -1.09	25.53 0.62 -1.10	22.23 0.70 -0.97	21.21 0.46 -0.63	20.96 0.70 -0.37	18.44 0.68 -0.81	19.50 0.67 -0.29
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.65 0.80 -1.37	16.72 0.65 -1.87	16.25 0.64 -1.43	16.00 0.64 -1.35	16.25 0.65 -1.55	19.71 0.80 -1.21	26.14 1.17 -0.64	26.87 1.21 -0.55	23.11 0.96 -1.40	22.37 0.94 -1.09	21.98 0.88 -1.10	21.01 0.81 -0.93	20.10 0.78 -0.75	19.72 0.78 -0.83	18.89 0.71 -0.87	18.63 0.68 -0.91	18.81 0.71 -1.17	24.01 0.95 -1.55	26.59 1.21 -1.56	22.96 1.03 -1.38	21.96 0.95 -0.89	21.34 0.92 -0.53	18.85 0.74 -1.16	19.77 0.81 -0.42
E_CANADA_CAP_HY 24051	28.11 0.77 -9.87	28.23 0.61 -13.42	25.11 0.61 -10.32	24.32 0.59 -9.73	25.92 0.69 -11.18	27.20 0.78 -8.72	30.35 1.39 -4.62	30.51 1.38 -4.02	31.93 1.06 -10.11	29.31 1.04 -7.93	28.84 0.84 -8.00	26.80 0.81 -6.72	24.70 0.71 -5.41	24.84 0.69 -6.05	24.26 0.64 -6.31	24.24 0.65 -6.56	26.15 0.73 -8.49	33.85 1.10 -11.23	36.52 1.48 -11.23	31.60 1.13 -9.92	27.54 1.03 -6.39	24.80 1.09 -3.82	26.19 0.93 -8.32	22.35 0.81 -3.00
E_CANADA_MHWK_HY 24050	18.36 1.05 0.16	14.84 0.87 0.22	14.91 0.91 0.17	14.80 0.97 0.16	14.89 1.03 0.19	18.87 1.31 0.14	25.92 1.66 0.07	26.65 1.61 0.07	21.79 1.20 0.17	21.30 1.10 0.13	20.88 1.02 0.14	20.18 1.02 0.11	19.47 0.98 0.09	18.96 0.96 0.10	18.11 0.92 0.11	17.81 0.89 0.11	17.64 0.85 0.14	22.43 1.10 0.18	24.91 1.28 0.19	21.46 1.07 0.16	21.06 1.05 0.11	20.96 1.13 0.06	17.79 0.98 0.14	19.58 1.09 0.05
E_FISHKILL__LBMP 23776	25.16 1.45 -6.24	23.84 1.16 -8.48	21.87 1.18 -6.52	21.29 1.13 -6.15	22.23 1.11 -7.07	24.61 1.40 -5.51	29.33 2.09 -2.90	29.94 2.31 -2.52	29.18 2.08 -6.35	27.35 2.03 -4.98	27.12 2.10 -5.02	25.51 2.02 -4.22	23.91 1.93 -3.40	23.84 1.94 -3.80	23.08 1.82 -3.96	22.93 1.77 -4.12	24.05 1.79 -5.33	30.76 2.20 -7.05	33.36 2.45 -7.10	28.98 2.16 -6.27	26.29 2.13 -4.04	24.39 2.09 -2.41	23.85 1.64 -5.26	21.97 1.54 -1.90
FAR ROCKAWAY__4 23548	25.90 2.27 -6.15	24.30 1.75 -8.36	22.33 1.71 -6.44	21.68 1.61 -6.07	22.50 1.52 -6.93	25.31 2.16 -5.45	36.09 3.19 -8.56	39.23 3.49 -10.63	37.03 3.09 -13.18	36.35 3.05 -12.96	33.34 3.06 -10.29	33.84 2.89 -11.68	32.39 2.81 -11.01	32.56 2.75 -11.70	30.98 2.59 -11.08	32.07 2.52 -12.51	32.38 2.57 -12.88	37.10 3.14 -12.44	39.55 3.60 -12.14	36.81 3.08 -13.18	35.69 3.06 -12.51	34.02 3.06 -11.07	29.83 2.47 -10.41	22.87 2.43 -1.91
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.35 1.76 -6.11	23.88 1.38 -8.31	21.94 1.37 -6.39	21.34 1.32 -6.03	22.27 1.29 -6.92	24.75 1.65 -5.40	29.61 2.43 -2.84	30.32 2.74 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.91 2.47 -4.17	24.37 2.36 -3.44	24.19 2.35 -3.73	23.50 2.22 -3.98	23.23 2.15 -4.05	24.33 2.17 -5.24	31.07 2.65 -6.91	33.67 2.90 -6.95	29.29 2.59 -6.14	26.66 2.58 -3.96	24.79 2.53 -2.37	24.08 1.98 -5.16	22.25 1.85 -1.86
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.35 1.76 -6.11	23.88 1.38 -8.31	21.94 1.37 -6.39	21.34 1.32 -6.03	22.27 1.29 -6.92	24.75 1.65 -5.40	29.61 2.43 -2.84	30.29 2.71 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.91 2.47 -4.17	24.37 2.36 -3.44	24.19 2.35 -3.73	23.50 2.22 -3.98	23.23 2.15 -4.05	24.33 2.17 -5.24	31.04 2.62 -6.91	33.67 2.90 -6.95	29.27 2.57 -6.14	26.66 2.58 -3.96	24.79 2.53 -2.37	24.08 1.98 -5.16	22.25 1.85 -1.86
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.33 1.75 -6.11	23.88 1.38 -8.31	21.94 1.37 -6.39	21.34 1.32 -6.03	22.25 1.28 -6.92	24.73 1.63 -5.40	29.59 2.41 -2.84	30.29 2.71 -2.47	29.44 2.46 -6.22	27.69 2.46 -4.89	27.45 2.52 -4.94	25.89 2.45 -4.17	24.37 2.36 -3.44	24.19 2.35 -3.73	23.50 2.22 -3.98	23.23 2.15 -4.05	24.33 2.17 -5.24	31.04 2.62 -6.91	33.65 2.88 -6.95	29.25 2.55 -6.14	26.64 2.56 -3.96	24.79 2.53 -2.37	24.07 1.96 -5.16	22.23 1.84 -1.86
FARRAGUT__LBMP 323566	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.27 2.69 -2.47	29.42 2.45 -6.22	27.65 2.42 -4.89	27.43 2.50 -4.94	25.87 2.43 -4.17	24.36 2.34 -3.44	24.16 2.32 -3.73	23.49 2.20 -3.98	23.22 2.13 -4.05	24.32 2.15 -5.24	31.02 2.60 -6.91	33.62 2.86 -6.95	29.25 2.55 -6.14	26.64 2.56 -3.96	24.77 2.51 -2.37	24.05 1.95 -5.16	22.23 1.84 -1.86
FENNER__WINDPWR 24204	18.74 0.59 -0.67	15.61 0.50 -0.92	15.36 0.48 -0.71	15.14 0.48 -0.67	15.31 0.49 -0.76	18.92 0.62 -0.60	25.63 0.97 -0.32	26.82 0.98 -0.73	22.84 0.73 -1.35	22.44 0.75 -1.35	22.00 0.68 -1.32	21.10 0.66 -1.18	20.20 0.59 -1.03	19.70 0.56 -1.03	18.82 0.54 -0.98	18.10 0.51 -0.56	18.03 0.53 -0.58	23.03 0.75 -0.77	25.56 0.98 -0.77	22.00 0.76 -0.68	21.28 0.72 -0.44	20.87 0.72 -0.26	18.09 0.58 -0.57	19.37 0.63 -0.21
FIBERTEK__ENERGY 23856	18.54 0.45 -0.61	15.40 0.37 -0.83	15.18 0.37 -0.64	14.97 0.36 -0.60	15.12 0.38 -0.69	18.70 0.46 -0.54	25.16 0.53 -0.28	25.61 0.25 -0.25	21.54 0.17 -0.62	20.99 0.16 -0.49	20.63 0.14 -0.49	19.82 0.14 -0.41	19.04 0.13 -0.33	18.61 0.13 -0.37	17.81 0.12 -0.39	17.54 0.10 -0.40	17.55 0.10 -0.52	22.34 0.13 -0.69	24.77 0.26 -0.69	21.40 0.23 -0.61	20.70 0.18 -0.39	20.31 0.18 -0.24	17.61 0.15 -0.51	18.96 0.24 -0.19



FITZPATRICK____ 23598	17.57 -0.28 -0.37	14.49 -0.21 -0.51	14.35 -0.21 -0.39	14.16 -0.21 -0.37	14.28 -0.20 -0.42	17.76 -0.27 -0.33	23.93 -0.58 -0.17	24.66 -0.60 -0.15	20.62 -0.52 -0.38	20.13 -0.51 -0.30	19.78 -0.52 -0.30	19.02 -0.50 -0.25	18.32 -0.46 -0.20	17.88 -0.45 -0.23	17.09 -0.45 -0.24	16.84 -0.44 -0.25	16.81 -0.44 -0.32	21.36 -0.58 -0.42	23.64 -0.59 -0.42	20.44 -0.49 -0.37	19.86 -0.50 -0.24	19.54 -0.50 -0.14	16.87 -0.39 -0.31	18.33 -0.32 -0.11
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.45 1.69 -6.28	24.12 1.38 -8.54	22.12 1.37 -6.57	21.54 1.34 -6.20	22.48 1.31 -7.12	24.88 1.63 -5.55	29.62 2.36 -2.92	30.29 2.64 -2.54	29.45 2.30 -6.39	27.59 2.24 -5.01	27.39 2.34 -5.06	25.71 2.20 -4.24	24.12 2.12 -3.42	24.08 2.15 -3.82	23.30 2.01 -3.99	23.16 1.98 -4.15	24.29 2.00 -5.36	31.13 2.52 -7.10	33.78 2.83 -7.14	29.33 2.47 -6.31	26.58 2.39 -4.06	24.66 2.35 -2.43	24.05 1.81 -5.29	22.13 1.69 -1.91
FORT ORANGE____ 23900	26.41 1.29 -7.64	25.64 1.05 -10.39	23.23 1.06 -7.99	22.59 1.05 -7.54	23.76 1.05 -8.66	25.76 1.31 -6.75	29.77 1.87 -3.55	29.95 1.76 -3.09	30.02 1.50 -7.77	27.90 1.47 -6.09	27.59 1.44 -6.15	25.80 1.37 -5.16	24.06 1.32 -4.16	24.06 1.30 -4.65	23.40 1.25 -4.85	23.29 1.21 -5.04	24.64 1.18 -6.53	31.63 1.48 -8.63	34.22 1.72 -8.69	29.71 1.48 -7.68	26.50 1.43 -4.94	24.32 1.47 -2.95	24.79 1.41 -6.44	22.25 1.39 -2.32
FORT_DRUM_COGEN 23780	17.78 0.07 -0.23	14.57 0.06 -0.31	14.44 0.03 -0.24	14.21 -0.01 -0.23	14.35 0.04 -0.26	17.96 0.05 -0.20	24.98 0.53 -0.11	28.76 0.33 -3.32	25.68 0.00 -4.92	26.38 0.16 -5.87	25.64 -0.02 -5.67	24.58 0.10 -5.21	23.32 -0.04 -4.78	22.48 -0.13 -4.50	21.16 -0.14 -4.00	17.82 -0.15 -0.94	16.99 -0.14 -0.20	21.95 0.17 -0.26	24.43 0.36 -0.26	20.85 0.06 -0.23	20.35 0.08 -0.15	20.02 0.04 -0.09	17.12 -0.02 -0.19	18.57 -0.04 -0.07
FPL_FAR_ROCK_GT1 24212	25.90 2.27 -6.15	24.30 1.75 -8.36	22.33 1.71 -6.44	21.68 1.61 -6.07	22.50 1.52 -6.93	25.31 2.16 -5.45	36.09 3.19 -8.56	39.23 3.49 -10.63	37.03 3.09 -13.18	36.35 3.05 -12.96	33.34 3.06 -10.29	33.84 2.89 -11.68	32.39 2.81 -11.01	32.56 2.75 -11.70	30.98 2.59 -11.08	32.07 2.52 -12.51	32.38 2.57 -12.88	37.10 3.14 -12.44	39.55 3.60 -12.14	36.81 3.08 -13.18	35.69 3.06 -12.51	34.02 3.06 -11.07	29.83 2.47 -10.41	22.87 2.43 -1.91
FPL_FAR_ROCK_GT2 23815	25.90 2.27 -6.15	24.30 1.75 -8.36	22.33 1.71 -6.44	21.68 1.61 -6.07	22.50 1.52 -6.93	25.31 2.16 -5.45	36.09 3.19 -8.56	39.23 3.49 -10.63	37.03 3.09 -13.18	36.35 3.05 -12.96	33.34 3.06 -10.29	33.84 2.89 -11.68	32.39 2.81 -11.01	32.56 2.75 -11.70	30.98 2.59 -11.08	32.07 2.52 -12.51	32.38 2.57 -12.88	37.10 3.14 -12.44	39.55 3.60 -12.14	36.81 3.08 -13.18	35.69 3.06 -12.51	34.02 3.06 -11.07	29.83 2.47 -10.41	22.87 2.43 -1.91
FRANKLIN_FALL_HYD 24054	16.62 -0.86 0.00	13.40 -0.79 0.00	13.38 -0.79 0.00	13.17 -0.83 0.00	13.22 -0.83 0.00	16.46 -1.24 0.00	22.88 -1.46 0.00	18.50 -1.66 4.96	12.14 -1.43 7.19	10.21 -1.40 8.72	10.17 -1.42 8.40	10.17 -1.35 7.75	10.09 -1.36 7.13	10.09 -1.34 6.68	10.15 -1.25 5.90	14.63 -1.21 1.20	15.78 -1.15 0.00	20.27 -1.25 0.00	22.24 -1.57 0.00	19.08 -1.48 0.00	18.82 -1.31 0.00	18.50 -1.39 0.00	15.66 -1.29 0.00	17.14 -1.39 0.00
FREEPORT_EQUS_GT1 23764	25.73 2.13 -6.12	24.17 1.65 -8.33	22.20 1.62 -6.41	21.56 1.51 -6.04	22.41 1.43 -6.93	25.17 2.05 -5.42	32.60 3.07 -5.20	35.35 3.39 -6.84	33.08 2.99 -9.33	31.45 2.91 -8.20	30.23 2.92 -7.32	29.98 2.78 -7.93	28.30 2.69 -7.03	28.69 2.64 -7.94	27.17 2.49 -7.37	27.70 2.44 -8.23	28.37 2.49 -8.95	34.20 3.03 -9.65	36.44 3.45 -9.17	33.47 2.98 -9.93	31.43 2.96 -8.34	29.42 2.94 -6.59	26.63 2.37 -7.31	22.69 2.28 -1.87
FREEPORT____CT2 23818	25.73 2.13 -6.12	24.17 1.65 -8.33	22.20 1.62 -6.41	21.56 1.51 -6.04	22.41 1.43 -6.93	25.17 2.05 -5.42	32.60 3.07 -5.20	35.35 3.39 -6.84	33.08 2.99 -9.33	31.45 2.91 -8.20	30.23 2.92 -7.32	29.98 2.78 -7.93	28.30 2.69 -7.03	28.69 2.64 -7.94	27.17 2.49 -7.37	27.70 2.44 -8.23	28.37 2.49 -8.95	34.20 3.03 -9.65	36.44 3.45 -9.17	33.47 2.98 -9.93	31.43 2.96 -8.34	29.42 2.94 -6.59	26.63 2.37 -7.31	22.69 2.28 -1.87
FULTON COGEN____ 23766	17.94 -0.02 -0.48	14.83 -0.01 -0.65	14.66 -0.01 -0.50	14.46 -0.01 -0.47	14.58 -0.01 -0.54	18.07 -0.05 -0.42	24.32 -0.24 -0.22	25.47 -0.23 -0.59	21.61 -0.21 -1.06	21.21 -0.20 -1.08	20.83 -0.22 -1.05	20.00 -0.21 -0.94	19.22 -0.19 -0.83	18.77 -0.16 -0.82	17.91 -0.17 -0.77	17.26 -0.19 -0.41	17.17 -0.17 -0.41	21.82 -0.24 -0.54	24.19 -0.17 -0.55	20.90 -0.14 -0.48	20.27 -0.16 -0.31	19.92 -0.16 -0.19	17.23 -0.12 -0.40	18.64 -0.04 -0.15
FULTON____LFGE 323630	29.05 2.22 -9.35	28.70 1.77 -12.73	25.75 1.79 -9.79	24.99 1.76 -9.23	26.58 1.93 -10.60	28.20 2.23 -8.27	32.42 3.70 -4.39	32.69 3.77 -3.81	33.36 3.01 -9.60	30.78 2.91 -7.53	30.15 2.56 -7.59	28.07 2.43 -6.37	25.96 2.25 -5.14	26.06 2.21 -5.74	25.40 2.11 -5.99	25.37 2.11 -6.23	27.22 2.23 -8.06	35.21 3.03 -10.66	38.27 3.81 -10.65	33.04 3.08 -9.40	29.00 2.82 -6.06	26.32 2.81 -3.62	27.27 2.44 -7.89	23.68 2.30 -2.85
G.F.CEMENT____DRP 24184	27.04 1.38 -8.19	26.48 1.15 -11.14	23.89 1.15 -8.57	23.24 1.16 -8.08	24.56 1.22 -9.28	26.41 1.47 -7.24	30.41 2.24 -3.84	30.97 2.54 -3.33	31.19 2.06 -8.38	28.88 1.97 -6.57	28.45 1.82 -6.63	26.53 1.70 -5.57	24.77 1.71 -4.49	24.75 1.63 -5.01	24.12 1.59 -5.23	24.04 1.57 -5.44	25.55 1.57 -7.05	32.89 2.04 -9.33	35.50 2.38 -9.30	30.79 2.02 -8.22	27.31 1.89 -5.29	24.90 1.85 -3.16	25.46 1.63 -6.89	23.01 1.98 -2.49
GARDENVILLE____LBMP 24039	18.78 0.33 -0.97	15.91 0.40 -1.32	15.61 0.42 -1.01	15.45 0.49 -0.96	15.61 0.46 -1.10	18.89 0.34 -0.86	24.72 -0.07 -0.45	26.06 0.55 -0.39	22.10 0.35 -0.99	21.34 0.22 -0.77	21.06 0.28 -0.78	20.06 0.14 -0.65	19.37 0.26 -0.53	19.02 0.33 -0.59	18.18 0.26 -0.62	17.88 0.21 -0.64	18.01 0.25 -0.83	22.65 0.04 -1.10	25.39 0.48 -1.10	22.11 0.57 -0.97	21.09 0.34 -0.63	20.84 0.58 -0.37	18.34 0.58 -0.82	19.41 0.58 -0.29
GENERAL____MILLS 23808	18.83 0.38 -0.97	15.97 0.45 -1.31	15.65 0.47 -1.01	15.50 0.55 -0.95	15.65 0.51 -1.10	18.94 0.39 -0.85	24.81 0.02 -0.45	26.15 0.65 -0.39	22.20 0.46 -0.98	21.44 0.32 -0.77	21.13 0.36 -0.78	20.14 0.21 -0.65	19.44 0.33 -0.53	19.11 0.42 -0.59	18.25 0.33 -0.61	17.96 0.29 -0.64	18.08 0.32 -0.83	22.76 0.15 -1.09	25.51 0.60 -1.10	22.21 0.68 -0.97	21.19 0.44 -0.63	20.92 0.66 -0.37	18.40 0.64 -0.81	19.48 0.65 -0.29
GE_PLASTICS____DRP 24183	26.29 1.12 -7.69	25.59 0.92 -10.47	23.15 0.92 -8.05	22.50 0.91 -7.59	23.70 0.93 -8.72	25.64 1.13 -6.80	29.54 1.63 -3.57	29.75 1.53 -3.10	29.88 1.31 -7.81	27.75 1.28 -6.12	27.44 1.26 -6.18	25.65 1.20 -5.19	23.93 1.17 -4.18	23.92 1.14 -4.67	23.27 1.09 -4.87	23.18 1.07 -5.07	24.54 1.05 -6.56	31.51 1.31 -8.68	34.07 1.50 -8.76	29.59 1.30 -7.74	26.35 1.25 -4.98	24.16 1.29 -2.98	24.65 1.22 -6.49	22.08 1.20 -2.34



GILBOA___1 23756	24.41 0.94 -5.99	23.13 0.78 -8.15	21.22 0.78 -6.27	20.67 0.76 -5.91	21.60 0.76 -6.79	23.94 0.94 -5.30	28.51 1.39 -2.79	28.99 1.46 -2.42	28.12 1.27 -6.10	26.36 1.24 -4.78	26.06 1.24 -4.83	24.52 1.20 -4.05	22.99 1.15 -3.26	22.90 1.14 -3.65	22.18 1.07 -3.81	22.05 1.06 -3.96	23.10 1.05 -5.12	29.60 1.31 -6.77	32.11 1.48 -6.82	27.88 1.30 -6.02	25.27 1.27 -3.88	23.48 1.27 -2.32	23.05 1.05 -5.05	21.38 1.02 -1.82
GILBOA___2 23757	24.41 0.94 -5.99	23.13 0.78 -8.15	21.22 0.78 -6.27	20.67 0.76 -5.91	21.60 0.76 -6.79	23.94 0.94 -5.30	28.51 1.39 -2.79	28.99 1.46 -2.42	28.12 1.27 -6.10	26.36 1.24 -4.78	26.06 1.24 -4.83	24.52 1.20 -4.05	22.99 1.15 -3.26	22.90 1.14 -3.65	22.18 1.07 -3.81	22.05 1.06 -3.96	23.10 1.05 -5.12	29.60 1.31 -6.77	32.11 1.48 -6.82	27.88 1.30 -6.02	25.27 1.27 -3.88	23.48 1.27 -2.32	23.05 1.05 -5.05	21.38 1.02 -1.82
GILBOA___3 23758	24.41 0.94 -5.99	23.13 0.78 -8.15	21.22 0.78 -6.27	20.67 0.76 -5.91	21.60 0.76 -6.79	23.94 0.94 -5.30	28.51 1.39 -2.79	28.99 1.46 -2.42	28.12 1.27 -6.10	26.36 1.24 -4.78	26.06 1.24 -4.83	24.52 1.20 -4.05	22.99 1.15 -3.26	22.90 1.14 -3.65	22.18 1.07 -3.81	22.05 1.06 -3.96	23.10 1.05 -5.12	29.60 1.31 -6.77	32.11 1.48 -6.82	27.88 1.30 -6.02	25.27 1.27 -3.88	23.48 1.27 -2.32	23.05 1.05 -5.05	21.38 1.02 -1.82
GILBOA___4 23759	24.41 0.94 -5.99	23.13 0.78 -8.15	21.22 0.78 -6.27	20.67 0.76 -5.91	21.60 0.76 -6.79	23.94 0.94 -5.30	28.51 1.39 -2.79	28.99 1.46 -2.42	28.12 1.27 -6.10	26.36 1.24 -4.78	26.06 1.24 -4.83	24.52 1.20 -4.05	22.99 1.15 -3.26	22.90 1.14 -3.65	22.18 1.07 -3.81	22.05 1.06 -3.96	23.10 1.05 -5.12	29.60 1.31 -6.77	32.11 1.48 -6.82	27.88 1.30 -6.02	25.27 1.27 -3.88	23.48 1.27 -2.32	23.05 1.05 -5.05	21.38 1.02 -1.82
GILBOA____ 23599	24.41 0.94 -5.99	23.13 0.78 -8.15	21.22 0.78 -6.27	20.67 0.76 -5.91	21.60 0.76 -6.79	23.94 0.94 -5.30	28.51 1.39 -2.79	28.99 1.46 -2.42	28.12 1.27 -6.10	26.36 1.24 -4.78	26.06 1.24 -4.83	24.52 1.20 -4.05	22.99 1.15 -3.26	22.90 1.14 -3.65	22.18 1.07 -3.81	22.05 1.06 -3.96	23.10 1.05 -5.12	29.60 1.31 -6.77	32.11 1.48 -6.82	27.88 1.30 -6.02	25.27 1.27 -3.88	23.48 1.27 -2.32	23.05 1.05 -5.05	21.38 1.02 -1.82
GINNA____ 23603	17.43 -0.75 -0.71	14.59 -0.57 -0.96	14.36 -0.55 -0.74	14.17 -0.53 -0.70	14.33 -0.52 -0.80	17.69 -0.64 -0.63	23.57 -1.09 -0.33	24.54 -0.85 -0.29	20.44 -1.04 -0.72	19.83 -1.08 -0.56	19.50 -1.06 -0.57	18.73 -1.02 -0.48	18.05 -0.91 -0.39	17.54 -1.00 -0.43	16.79 -0.97 -0.45	16.53 -0.97 -0.47	16.60 -0.93 -0.60	21.11 -1.20 -0.80	23.47 -1.14 -0.80	20.32 -0.95 -0.71	19.53 -1.05 -0.46	19.17 -0.99 -0.27	16.73 -0.81 -0.60	18.03 -0.72 -0.22
GLEN PARK____ 23778	17.88 0.16 -0.24	14.66 0.13 -0.33	14.53 0.10 -0.26	14.30 0.06 -0.24	14.44 0.11 -0.28	18.06 0.14 -0.22	25.16 0.71 -0.11	28.97 0.63 -3.23	25.76 0.21 -4.79	26.44 0.39 -5.71	25.69 0.18 -5.51	24.63 0.29 -5.07	23.37 0.15 -4.64	22.48 0.00 -4.37	21.19 0.00 -3.89	17.92 -0.03 -0.92	17.16 0.02 -0.21	22.10 0.30 -0.28	24.61 0.52 -0.28	20.99 0.18 -0.25	20.48 0.20 -0.16	20.15 0.16 -0.09	17.24 0.09 -0.21	18.68 0.07 -0.07
GLENWOOD_IC_1_G5 23712	25.50 1.91 -6.12	24.01 1.49 -8.32	22.05 1.47 -6.40	21.44 1.40 -6.04	22.31 1.34 -6.93	24.93 1.82 -5.41	31.58 2.75 -4.50	33.82 3.01 -5.69	31.86 2.70 -8.40	30.22 2.66 -7.21	29.41 2.72 -6.70	29.03 2.60 -7.15	27.29 2.51 -6.21	27.74 2.48 -7.15	26.24 2.34 -6.60	26.66 2.28 -7.34	27.38 2.32 -8.13	33.36 2.80 -9.05	35.53 3.17 -8.55	32.40 2.76 -9.08	30.23 2.74 -7.37	28.25 2.70 -5.65	25.75 2.14 -6.67	22.44 2.04 -1.87
GLENWOOD_IC_2_G1 23688	25.39 1.80 -6.11	23.91 1.41 -8.31	21.96 1.39 -6.39	21.36 1.33 -6.03	22.24 1.27 -6.93	24.80 1.70 -5.40	30.58 2.55 -3.69	32.20 2.81 -4.28	30.59 2.53 -7.30	28.92 2.50 -6.08	28.55 2.56 -5.99	28.00 2.47 -6.26	26.21 2.38 -5.26	26.71 2.35 -6.25	25.23 2.22 -5.71	25.50 2.15 -6.32	26.31 2.18 -7.19	32.51 2.65 -8.35	34.63 2.98 -7.84	31.22 2.59 -8.07	28.93 2.58 -6.23	27.02 2.55 -4.58	24.89 2.02 -5.93	22.30 1.91 -1.86
GLENWOOD_IC_3_G1 23689	25.39 1.80 -6.11	23.91 1.41 -8.31	21.96 1.39 -6.39	21.36 1.33 -6.03	22.24 1.27 -6.93	24.80 1.70 -5.40	30.58 2.55 -3.69	32.20 2.81 -4.28	30.59 2.53 -7.30	28.92 2.50 -6.08	28.55 2.56 -5.99	28.00 2.47 -6.26	26.21 2.38 -5.26	26.71 2.35 -6.25	25.23 2.22 -5.71	25.50 2.15 -6.32	26.31 2.18 -7.19	32.51 2.65 -8.35	34.63 2.98 -7.84	31.22 2.59 -8.07	28.93 2.58 -6.23	27.02 2.55 -4.58	24.89 2.02 -5.93	22.30 1.91 -1.86
GLENWOOD___4 23550	25.50 1.91 -6.12	24.01 1.49 -8.32	22.05 1.47 -6.40	21.44 1.40 -6.04	22.31 1.34 -6.93	24.93 1.82 -5.41	31.58 2.75 -4.50	33.82 3.01 -5.69	31.86 2.70 -8.40	30.22 2.66 -7.21	29.41 2.72 -6.70	29.03 2.60 -7.15	27.29 2.51 -6.21	27.74 2.48 -7.15	26.24 2.34 -6.60	26.66 2.28 -7.34	27.38 2.32 -8.13	33.36 2.80 -9.05	35.53 3.17 -8.55	32.40 2.76 -9.08	30.23 2.74 -7.37	28.25 2.70 -5.65	25.75 2.14 -6.67	22.44 2.04 -1.87
GLENWOOD___5 23614	25.50 1.91 -6.12	24.01 1.49 -8.32	22.05 1.47 -6.40	21.44 1.40 -6.04	22.31 1.34 -6.93	24.93 1.82 -5.41	31.58 2.75 -4.50	33.82 3.01 -5.69	31.86 2.70 -8.40	30.22 2.66 -7.21	29.41 2.72 -6.70	29.03 2.60 -7.15	27.29 2.51 -6.21	27.74 2.48 -7.15	26.24 2.34 -6.60	26.66 2.28 -7.34	27.38 2.32 -8.13	33.36 2.80 -9.05	35.53 3.17 -8.55	32.40 2.76 -9.08	30.23 2.74 -7.37	28.25 2.70 -5.65	25.75 2.14 -6.67	22.44 2.04 -1.87
GLOBAL GREEN_PORT_GT1 23814	27.51 3.93 -6.10	25.65 3.15 -8.31	23.74 3.17 -6.39	23.05 3.02 -6.02	23.86 2.88 -6.93	27.06 3.96 -5.40	33.49 5.99 -3.17	36.53 6.66 -4.76	33.39 5.54 -7.09	30.89 5.21 -5.34	30.64 5.12 -5.53	29.79 4.84 -5.68	27.83 4.61 -4.64	28.18 4.40 -5.67	26.66 4.22 -5.14	26.92 4.22 -5.66	27.78 4.27 -6.58	35.37 5.88 -7.98	37.84 6.64 -7.38	34.34 5.71 -8.07	31.45 5.43 -5.89	29.17 5.39 -3.89	26.67 4.27 -5.45	24.36 3.97 -1.85
GLOBE___DSASP 323697	17.95 -0.44 -0.91	15.20 -0.23 -1.23	14.97 -0.16 -0.95	14.82 -0.07 -0.89	14.96 -0.11 -1.03	18.04 -0.46 -0.80	23.44 -1.31 -0.42	24.60 -0.88 -0.37	20.89 -0.79 -0.92	20.19 -0.87 -0.72	19.92 -0.80 -0.73	19.00 -0.89 -0.61	18.35 -0.72 -0.49	18.02 -0.63 -0.55	17.24 -0.64 -0.58	16.97 -0.66 -0.60	17.06 -0.64 -0.77	21.40 -1.14 -1.02	23.87 -0.98 -1.03	20.85 -0.62 -0.91	19.92 -0.79 -0.59	19.73 -0.52 -0.35	17.42 -0.29 -0.76	18.46 -0.35 -0.28
GOETHSLN___LBMP 323567	25.30 1.71 -6.11	23.84 1.33 -8.31	21.90 1.33 -6.39	21.30 1.27 -6.03	22.23 1.25 -6.92	24.69 1.59 -5.40	29.47 2.29 -2.84	30.14 2.56 -2.47	29.34 2.37 -6.22	27.61 2.38 -4.89	27.37 2.44 -4.94	25.87 2.43 -4.17	24.34 2.32 -3.44	24.16 2.32 -3.73	23.47 2.18 -3.98	23.16 2.08 -4.05	24.26 2.10 -5.24	30.92 2.49 -6.91	33.50 2.74 -6.95	29.14 2.45 -6.14	26.58 2.49 -3.96	24.71 2.45 -2.37	24.00 1.90 -5.16	22.16 1.76 -1.86



GOODYEAR_LAKE_HYD 323669	20.24 1.00 -1.77	17.41 0.81 -2.41	16.83 0.81 -1.85	16.53 0.78 -1.75	16.86 0.80 -2.00	20.25 0.99 -1.56	26.80 1.63 -0.83	27.52 1.68 -0.72	23.92 1.35 -1.82	23.13 1.36 -1.42	22.71 1.28 -1.44	21.73 1.25 -1.21	20.68 1.13 -0.97	20.30 1.10 -1.09	19.46 1.02 -1.13	19.20 0.99 -1.18	19.49 1.03 -1.53	24.95 1.42 -2.02	27.54 1.72 -2.01	23.73 1.40 -1.78	22.62 1.35 -1.14	21.93 1.35 -0.68	19.50 1.07 -1.49	20.09 1.02 -0.54
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.20 0.73 -1.99	17.53 0.62 -2.71	16.87 0.61 -2.09	16.58 0.62 -1.97	16.92 0.60 -2.26	20.19 0.73 -1.76	26.26 1.00 -0.93	27.05 1.13 -0.81	23.72 0.93 -2.03	22.85 0.92 -1.59	22.48 0.88 -1.61	21.43 0.81 -1.35	20.44 0.78 -1.09	20.14 0.82 -1.21	19.32 0.74 -1.27	19.05 0.70 -1.32	19.36 0.73 -1.71	24.65 0.88 -2.26	27.20 1.12 -2.27	23.55 0.99 -2.01	22.34 0.93 -1.29	21.60 0.94 -0.77	19.39 0.76 -1.68	19.96 0.81 -0.61
GOUDEY___7 23579	20.20 0.73 -1.99	17.53 0.62 -2.71	16.88 0.62 -2.09	16.60 0.63 -1.97	16.93 0.62 -2.26	20.21 0.74 -1.76	26.29 1.02 -0.93	27.07 1.16 -0.81	23.74 0.96 -2.03	22.87 0.94 -1.59	22.50 0.90 -1.61	21.45 0.83 -1.35	20.46 0.80 -1.09	20.16 0.83 -1.21	19.33 0.76 -1.27	19.07 0.72 -1.32	19.38 0.74 -1.71	24.68 0.90 -2.26	27.23 1.14 -2.27	23.57 1.01 -2.01	22.36 0.95 -1.29	21.62 0.95 -0.77	19.41 0.78 -1.68	19.98 0.83 -0.61
GOUDEY___8 23580	20.20 0.73 -1.99	17.53 0.62 -2.71	16.87 0.61 -2.09	16.58 0.62 -1.97	16.92 0.60 -2.26	20.19 0.73 -1.76	26.26 1.00 -0.93	27.05 1.13 -0.81	23.72 0.93 -2.03	22.85 0.92 -1.59	22.48 0.88 -1.61	21.43 0.81 -1.35	20.44 0.78 -1.09	20.14 0.82 -1.21	19.32 0.74 -1.27	19.05 0.70 -1.32	19.36 0.73 -1.71	24.65 0.88 -2.26	27.20 1.12 -2.27	23.55 0.99 -2.01	22.34 0.93 -1.29	21.60 0.94 -0.77	19.39 0.76 -1.68	19.96 0.81 -0.61
GOWANUS_GT1_1 24077	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT1_2 24078	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT1_3 24079	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT1_4 24080	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT1_5 24084	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT1_6 24111	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT1_7 24112	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT1_8 24113	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT2_1 24114	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT2_2 24115	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT2_3 24116	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87



GOWANUS_GT2_4 24117	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT2_5 24118	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT2_6 24119	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT2_7 24120	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT2_8 24121	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT3_1 24122	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT3_2 24123	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT3_3 24124	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT3_4 24125	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT3_5 24126	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT3_6 24127	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT3_7 24128	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT3_8 24129	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT4_1 24130	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT4_2 24131	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87



GOWANUS_GT4_3 24132	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT4_4 24133	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT4_5 24134	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT4_6 24135	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT4_7 24136	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GOWANUS_GT4_8 24137	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GREENIDGE___3 23582	19.44 0.75 -1.21	16.49 0.65 -1.64	16.08 0.64 -1.26	15.85 0.66 -1.19	16.10 0.67 -1.37	19.58 0.81 -1.07	26.00 1.10 -0.56	26.88 1.28 -0.49	22.96 0.98 -1.23	22.20 0.89 -0.96	21.83 0.86 -0.97	20.84 0.75 -0.82	20.00 0.76 -0.66	19.60 0.76 -0.74	18.77 0.69 -0.77	18.47 0.63 -0.80	18.64 0.68 -1.03	23.70 0.82 -1.37	26.38 1.19 -1.38	22.82 1.05 -1.21	21.81 0.91 -0.78	21.28 0.92 -0.47	18.73 0.76 -1.02	19.77 0.87 -0.37
GREENIDGE___4 23583	19.44 0.75 -1.21	16.49 0.65 -1.64	16.08 0.64 -1.26	15.85 0.66 -1.19	16.10 0.67 -1.37	19.58 0.81 -1.07	26.00 1.10 -0.56	26.88 1.28 -0.49	22.96 0.98 -1.23	22.20 0.89 -0.96	21.83 0.86 -0.97	20.84 0.75 -0.82	20.00 0.76 -0.66	19.60 0.76 -0.74	18.77 0.69 -0.77	18.47 0.63 -0.80	18.64 0.68 -1.03	23.70 0.82 -1.37	26.38 1.19 -1.38	22.82 1.05 -1.21	21.81 0.91 -0.78	21.28 0.92 -0.47	18.73 0.76 -1.02	19.77 0.87 -0.37
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
GROVEVILLE___HYD 323602	25.45 1.69 -6.28	24.12 1.38 -8.54	22.12 1.37 -6.57	21.54 1.34 -6.20	22.48 1.31 -7.12	24.88 1.63 -5.55	29.62 2.36 -2.92	30.29 2.64 -2.54	29.45 2.30 -6.39	27.59 2.24 -5.01	27.39 2.34 -5.06	25.71 2.20 -4.24	24.12 2.12 -3.42	24.08 2.15 -3.82	23.30 2.01 -3.99	23.16 1.98 -4.15	24.29 2.00 -5.36	31.13 2.52 -7.10	33.78 2.83 -7.14	29.33 2.47 -6.31	26.58 2.39 -4.06	24.66 2.35 -2.43	24.05 1.81 -5.29	22.13 1.69 -1.91
HAMPSHIRE___PAPER_HYD 323593	16.57 -0.91 0.00	13.43 -0.77 0.00	13.39 -0.78 0.00	13.20 -0.80 0.00	13.28 -0.77 0.00	16.71 -0.99 0.00	23.34 -1.00 0.00	13.02 -1.18 10.91	3.79 -1.14 15.82	0.16 -0.98 19.21	0.39 -1.10 18.51	1.21 -0.98 17.08	1.85 -1.02 15.71	2.33 -1.07 14.71	3.28 -1.02 13.00	13.35 -1.04 2.65	15.91 -1.02 0.00	20.48 -1.03 0.00	22.69 -1.12 0.00	19.41 -1.15 0.00	19.04 -1.09 0.00	18.76 -1.13 0.00	15.95 -1.00 0.00	17.42 -1.11 0.00
HARDSCRABBLE_WT_PWR 323673	18.05 0.73 0.16	14.58 0.61 0.22	14.65 0.65 0.17	14.57 0.73 0.16	14.67 0.80 0.19	18.60 1.04 0.14	25.58 1.31 0.07	26.25 1.21 0.07	21.44 0.85 0.17	20.94 0.73 0.13	20.52 0.66 0.14	19.81 0.66 0.11	19.10 0.61 0.09	18.62 0.62 0.10	17.77 0.57 0.11	17.49 0.56 0.11	17.32 0.53 0.14	22.02 0.69 0.18	24.46 0.83 0.19	21.09 0.70 0.16	20.70 0.68 0.11	20.58 0.76 0.06	17.47 0.66 0.14	19.23 0.74 0.05
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.66 1.43 -5.75	23.16 1.15 -7.82	21.34 1.15 -6.01	20.78 1.11 -5.67	21.65 1.08 -6.52	24.15 1.36 -5.08	29.03 2.02 -2.67	29.69 2.26 -2.32	28.61 2.01 -5.84	26.89 1.97 -4.58	26.68 2.06 -4.62	25.09 1.95 -3.88	23.58 1.88 -3.13	23.50 1.90 -3.49	22.73 1.78 -3.64	22.56 1.74 -3.79	23.59 1.76 -4.90	30.17 2.17 -6.49	32.80 2.45 -6.53	28.46 2.14 -5.77	25.95 2.11 -3.71	24.16 2.05 -2.22	23.36 1.58 -4.84	21.73 1.45 -1.75
HARZA MOOSE___RIVER 24016	17.75 0.28 0.00	14.42 0.23 0.00	14.37 0.20 0.00	14.18 0.18 0.00	14.26 0.21 0.00	17.97 0.27 0.00	25.04 0.71 0.00	27.94 0.58 -2.25	24.34 0.31 -3.27	24.71 0.41 -3.97	24.10 0.28 -3.82	23.12 0.33 -3.53	22.06 0.24 -3.24	21.31 0.16 -3.04	20.15 0.16 -2.68	17.72 0.14 -0.55	17.08 0.15 0.00	21.92 0.41 0.00	24.38 0.57 0.00	20.88 0.33 0.00	20.47 0.34 0.00	20.21 0.32 0.00	17.20 0.25 0.00	18.78 0.24 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.44 1.85 -6.12	23.98 1.46 -8.32	22.03 1.46 -6.40	21.41 1.39 -6.03	22.32 1.35 -6.92	24.78 1.68 -5.40	29.64 2.46 -2.84	30.32 2.74 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.92 2.47 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.25 2.16 -4.05	24.37 2.20 -5.24	31.11 2.69 -6.91	33.72 2.95 -6.95	29.31 2.61 -6.14	26.68 2.60 -3.96	24.79 2.53 -2.37	24.10 2.00 -5.16	22.35 1.95 -1.87



HEMPSTEAD____ 23647	25.57 1.97 -6.12	24.04 1.52 -8.32	22.08 1.50 -6.40	21.44 1.40 -6.04	22.31 1.34 -6.93	25.01 1.89 -5.41	31.89 2.85 -4.71	34.41 3.14 -6.15	32.28 2.80 -8.73	30.60 2.74 -7.51	29.66 2.78 -6.89	29.30 2.64 -7.39	27.58 2.55 -6.46	28.01 2.52 -7.39	26.51 2.37 -6.83	26.95 2.30 -7.61	27.66 2.35 -8.38	33.61 2.86 -9.23	35.79 3.24 -8.74	32.75 2.80 -9.39	30.60 2.78 -7.70	28.59 2.76 -5.94	26.01 2.20 -6.87	22.50 2.09 -1.87
HICKLING____1 23621	20.00 0.96 -1.56	17.16 0.84 -2.12	16.63 0.82 -1.63	16.39 0.85 -1.54	16.66 0.84 -1.77	20.07 0.99 -1.38	26.40 1.34 -0.73	27.35 1.61 -0.63	23.67 1.33 -1.59	22.83 1.24 -1.25	22.45 1.20 -1.26	21.38 1.06 -1.05	20.49 1.06 -0.85	20.16 1.10 -0.95	19.32 1.02 -0.99	18.99 0.92 -1.03	19.23 0.96 -1.33	24.40 1.12 -1.76	27.11 1.53 -1.78	23.48 1.36 -1.57	22.36 1.23 -1.01	21.77 1.27 -0.60	19.31 1.05 -1.31	20.16 1.15 -0.47
HICKLING____2 23622	20.00 0.96 -1.56	17.16 0.84 -2.12	16.63 0.82 -1.63	16.39 0.85 -1.54	16.66 0.84 -1.77	20.07 0.99 -1.38	26.40 1.34 -0.73	27.35 1.61 -0.63	23.67 1.33 -1.59	22.83 1.24 -1.25	22.45 1.20 -1.26	21.38 1.06 -1.05	20.49 1.06 -0.85	20.16 1.10 -0.95	19.32 1.02 -0.99	18.99 0.92 -1.03	19.23 0.96 -1.33	24.40 1.12 -1.76	27.11 1.53 -1.78	23.48 1.36 -1.57	22.36 1.23 -1.01	21.77 1.27 -0.60	19.31 1.05 -1.31	20.16 1.15 -0.47
HIGH FALLS____HY 23754	25.10 1.50 -6.12	23.75 1.22 -8.33	21.82 1.23 -6.41	21.23 1.19 -6.04	22.15 1.15 -6.94	24.57 1.45 -5.42	29.30 2.12 -2.85	29.97 2.39 -2.47	29.04 2.06 -6.23	27.24 2.01 -4.89	27.03 2.10 -4.93	25.35 1.95 -4.14	23.79 1.88 -3.34	23.75 1.92 -3.73	22.99 1.80 -3.89	22.83 1.76 -4.04	23.94 1.78 -5.23	30.70 2.26 -6.92	33.33 2.55 -6.97	28.91 2.20 -6.16	26.24 2.15 -3.96	24.35 2.09 -2.37	23.72 1.61 -5.16	21.88 1.48 -1.86
HILLBURN____GT 23639	24.74 1.43 -5.83	23.26 1.14 -7.93	21.42 1.15 -6.10	20.86 1.11 -5.75	21.74 1.08 -6.61	24.23 1.38 -5.15	29.10 2.07 -2.70	29.77 2.31 -2.34	28.74 2.08 -5.91	27.01 2.03 -4.63	26.79 2.12 -4.67	25.23 2.04 -3.92	23.69 1.95 -3.16	23.60 1.96 -3.53	22.84 1.85 -3.68	22.66 1.79 -3.83	23.70 1.81 -4.96	30.29 2.22 -6.56	32.92 2.50 -6.60	28.57 2.18 -5.83	26.05 2.17 -3.76	24.24 2.11 -2.24	23.46 1.63 -4.89	21.81 1.50 -1.77
HISHELDN_WT_PWR 323625	18.87 0.33 -1.06	16.03 0.38 -1.45	15.68 0.40 -1.11	15.53 0.48 -1.05	15.69 0.44 -1.21	19.00 0.35 -0.94	24.86 0.02 -0.50	26.07 0.53 -0.43	22.19 0.35 -1.08	21.44 0.24 -0.85	21.13 0.28 -0.86	20.14 0.15 -0.72	19.44 0.28 -0.58	19.10 0.34 -0.65	18.26 0.28 -0.68	17.96 0.22 -0.70	18.09 0.25 -0.91	22.81 0.09 -1.20	25.47 0.45 -1.21	22.18 0.56 -1.07	21.18 0.36 -0.69	20.86 0.56 -0.41	18.40 0.56 -0.90	19.45 0.59 -0.32
HOLTSVILLE_IC_1 23690	25.85 2.27 -6.10	24.31 1.80 -8.31	22.38 1.81 -6.39	21.72 1.69 -6.02	22.58 1.60 -6.93	25.35 2.25 -5.40	30.95 3.45 -3.16	33.71 3.84 -4.75	31.18 3.34 -7.08	28.82 3.15 -5.33	28.68 3.16 -5.52	27.93 2.99 -5.67	26.09 2.88 -4.63	26.58 2.81 -5.66	25.13 2.70 -5.13	25.34 2.66 -5.65	26.20 2.69 -6.57	32.95 3.46 -7.97	35.02 3.83 -7.38	31.95 3.33 -8.06	29.23 3.22 -5.88	26.99 3.22 -3.88	25.00 2.61 -5.44	22.80 2.41 -1.85
HOLTSVILLE_IC_10 23699	25.97 2.39 -6.10	24.41 1.90 -8.31	22.47 1.91 -6.39	21.80 1.78 -6.02	22.66 1.69 -6.93	25.47 2.37 -5.40	31.18 3.65 -3.20	33.94 4.04 -4.78	31.39 3.51 -7.12	29.04 3.32 -5.38	28.85 3.30 -5.55	28.12 3.14 -5.71	26.26 3.01 -4.67	26.74 2.93 -5.70	25.29 2.82 -5.17	25.51 2.78 -5.69	26.36 2.81 -6.61	33.17 3.66 -8.00	35.29 4.07 -7.41	32.19 3.54 -8.09	29.45 3.40 -5.93	27.22 3.40 -3.92	25.17 2.74 -5.48	22.91 2.52 -1.86
HOLTSVILLE_IC_2 23691	25.85 2.27 -6.10	24.31 1.80 -8.31	22.38 1.81 -6.39	21.72 1.69 -6.02	22.58 1.60 -6.93	25.35 2.25 -5.40	30.95 3.45 -3.16	33.71 3.84 -4.75	31.18 3.34 -7.08	28.82 3.15 -5.33	28.68 3.16 -5.52	27.93 2.99 -5.67	26.09 2.88 -4.63	26.58 2.81 -5.66	25.13 2.70 -5.13	25.34 2.66 -5.65	26.20 2.69 -6.57	32.95 3.46 -7.97	35.02 3.83 -7.38	31.95 3.33 -8.06	29.23 3.22 -5.88	26.99 3.22 -3.88	25.00 2.61 -5.44	22.80 2.41 -1.85
HOLTSVILLE_IC_3 23692	25.85 2.27 -6.10	24.31 1.80 -8.31	22.38 1.81 -6.39	21.72 1.69 -6.02	22.58 1.60 -6.93	25.35 2.25 -5.40	30.95 3.45 -3.16	33.71 3.84 -4.75	31.18 3.34 -7.08	28.82 3.15 -5.33	28.68 3.16 -5.52	27.93 2.99 -5.67	26.09 2.88 -4.63	26.58 2.81 -5.66	25.13 2.70 -5.13	25.34 2.66 -5.65	26.20 2.69 -6.57	32.95 3.46 -7.97	35.02 3.83 -7.38	31.95 3.33 -8.06	29.23 3.22 -5.88	26.99 3.22 -3.88	25.00 2.61 -5.44	22.80 2.41 -1.85
HOLTSVILLE_IC_4 23693	25.85 2.27 -6.10	24.31 1.80 -8.31	22.38 1.81 -6.39	21.72 1.69 -6.02	22.58 1.60 -6.93	25.35 2.25 -5.40	30.95 3.45 -3.16	33.71 3.84 -4.75	31.18 3.34 -7.08	28.82 3.15 -5.33	28.68 3.16 -5.52	27.93 2.99 -5.67	26.09 2.88 -4.63	26.58 2.81 -5.66	25.13 2.70 -5.13	25.34 2.66 -5.65	26.20 2.69 -6.57	32.95 3.46 -7.97	35.02 3.83 -7.38	31.95 3.33 -8.06	29.23 3.22 -5.88	26.99 3.22 -3.88	25.00 2.61 -5.44	22.80 2.41 -1.85
HOLTSVILLE_IC_5 23694	25.85 2.27 -6.10	24.31 1.80 -8.31	22.38 1.81 -6.39	21.72 1.69 -6.02	22.58 1.60 -6.93	25.35 2.25 -5.40	30.95 3.45 -3.16	33.71 3.84 -4.75	31.18 3.34 -7.08	28.82 3.15 -5.33	28.68 3.16 -5.52	27.93 2.99 -5.67	26.09 2.88 -4.63	26.58 2.81 -5.66	25.13 2.70 -5.13	25.34 2.66 -5.65	26.20 2.69 -6.57	32.95 3.46 -7.97	35.02 3.83 -7.38	31.95 3.33 -8.06	29.23 3.22 -5.88	26.99 3.22 -3.88	25.00 2.61 -5.44	22.80 2.41 -1.85
HOLTSVILLE_IC_6 23695	25.97 2.39 -6.10	24.41 1.90 -8.31	22.47 1.91 -6.39	21.80 1.78 -6.02	22.66 1.69 -6.93	25.47 2.37 -5.40	31.18 3.65 -3.20	33.94 4.04 -4.78	31.39 3.51 -7.12	29.04 3.32 -5.38	28.85 3.30 -5.55	28.12 3.14 -5.71	26.26 3.01 -4.67	26.74 2.93 -5.70	25.29 2.82 -5.17	25.51 2.78 -5.69	26.36 2.81 -6.61	33.17 3.66 -8.00	35.29 4.07 -7.41	32.19 3.54 -8.09	29.45 3.40 -5.93	27.22 3.40 -3.92	25.17 2.74 -5.48	22.91 2.52 -1.86
HOLTSVILLE_IC_7 23696	25.97 2.39 -6.10	24.41 1.90 -8.31	22.47 1.91 -6.39	21.80 1.78 -6.02	22.66 1.69 -6.93	25.47 2.37 -5.40	31.18 3.65 -3.20	33.94 4.04 -4.78	31.39 3.51 -7.12	29.04 3.32 -5.38	28.85 3.30 -5.55	28.12 3.14 -5.71	26.26 3.01 -4.67	26.74 2.93 -5.70	25.29 2.82 -5.17	25.51 2.78 -5.69	26.36 2.81 -6.61	33.17 3.66 -8.00	35.29 4.07 -7.41	32.19 3.54 -8.09	29.45 3.40 -5.93	27.22 3.40 -3.92	25.17 2.74 -5.48	22.91 2.52 -1.86
HOLTSVILLE_IC_8 23697	25.97 2.39 -6.10	24.41 1.90 -8.31	22.47 1.91 -6.39	21.80 1.78 -6.02	22.66 1.69 -6.93	25.47 2.37 -5.40	31.18 3.65 -3.20	33.94 4.04 -4.78	31.39 3.51 -7.12	29.04 3.32 -5.38	28.85 3.30 -5.55	28.12 3.14 -5.71	26.26 3.01 -4.67	26.74 2.93 -5.70	25.29 2.82 -5.17	25.51 2.78 -5.69	26.36 2.81 -6.61	33.17 3.66 -8.00	35.29 4.07 -7.41	32.19 3.54 -8.09	29.45 3.40 -5.93	27.22 3.40 -3.92	25.17 2.74 -5.48	22.91 2.52 -1.86



HOLTSVILLE_IC_9 23698	25.97 2.39 -6.10	24.41 1.90 -8.31	22.47 1.91 -6.39	21.80 1.78 -6.02	22.66 1.69 -6.93	25.47 2.37 -5.40	31.18 3.65 -3.20	33.94 4.04 -4.78	31.39 3.51 -7.12	29.04 3.32 -5.38	28.85 3.30 -5.55	28.12 3.14 -5.71	26.26 3.01 -4.67	26.74 2.93 -5.70	25.29 2.82 -5.17	25.51 2.78 -5.69	26.36 2.81 -6.61	33.17 3.66 -8.00	35.29 4.07 -7.41	32.19 3.54 -8.09	29.45 3.40 -5.93	27.22 3.40 -3.92	25.17 2.74 -5.48	22.91 2.52 -1.86
HOWARD_WT_PWR 323690	19.48 0.72 -1.29	16.61 0.67 -1.75	16.19 0.67 -1.35	16.00 0.73 -1.27	16.23 0.72 -1.46	19.62 0.78 -1.14	25.93 1.00 -0.60	27.04 1.41 -0.52	23.17 1.10 -1.31	22.36 1.00 -1.03	21.99 0.96 -1.04	20.95 0.81 -0.87	20.13 0.86 -0.70	19.80 0.91 -0.78	18.94 0.81 -0.82	18.62 0.73 -0.85	18.81 0.78 -1.10	23.83 0.86 -1.46	26.61 1.33 -1.46	23.08 1.23 -1.29	22.02 1.07 -0.83	21.58 1.19 -0.50	19.10 1.07 -1.08	20.11 1.19 -0.39
HQ_GEN_CEDARS 23644	16.15 -1.33 0.00	13.10 -1.09 0.00	13.07 -1.11 0.00	12.89 -1.11 0.00	12.96 -1.10 0.00	16.27 -1.43 0.00	22.56 -1.78 0.00	18.26 -1.88 4.97	11.95 -1.60 7.20	10.07 -1.53 8.74	10.07 -1.50 8.43	10.07 -1.43 7.77	10.07 -1.36 7.15	10.07 -1.34 6.70	10.07 -1.32 5.92	14.52 -1.31 1.20	15.61 -1.32 0.00	19.95 -1.57 0.00	21.93 -1.88 0.00	18.83 -1.73 0.00	18.51 -1.61 0.00	18.24 -1.65 0.00	15.52 -1.42 0.00	16.98 -1.56 0.00
HQ_GEN_CEDARS_PROXY 323590	16.15 -1.33 0.00	13.10 -1.09 0.00	13.07 -1.11 0.00	12.89 -1.11 0.00	12.96 -1.10 0.00	16.27 -1.43 0.00	22.56 -1.78 0.00	18.26 -1.88 4.97	11.95 -1.60 7.20	10.07 -1.53 8.74	10.07 -1.50 8.43	10.07 -1.43 7.77	10.07 -1.36 7.15	10.07 -1.34 6.70	10.07 -1.32 5.92	14.52 -1.31 1.20	15.61 -1.32 0.00	19.95 -1.57 0.00	21.93 -1.88 0.00	18.83 -1.73 0.00	18.51 -1.61 0.00	18.24 -1.65 0.00	15.52 -1.42 0.00	16.98 -1.56 0.00
HQ_GEN_IMPORT 323601	13.88 -0.66 2.94	13.44 -0.55 0.20	13.44 -0.55 0.18	13.44 -0.56 0.00	13.49 -0.56 0.00	17.01 -0.69 0.00	23.46 -0.88 0.00	23.33 -0.90 0.88	18.71 -0.77 1.28	18.06 -0.73 1.55	17.76 -0.74 1.49	17.20 -0.69 1.38	16.62 -0.69 1.27	16.25 -0.67 1.19	15.63 -0.62 1.05	16.21 -0.61 0.21	16.29 -0.64 0.00	20.74 -0.77 0.00	22.86 -0.95 0.00	19.71 -0.84 0.00	19.32 -0.81 0.00	19.08 -0.82 0.00	16.25 -0.70 0.00	17.77 -0.76 0.00
HQ_GEN_WHEEL 23651	13.88 -0.66 2.94	13.44 -0.55 0.20	13.44 -0.55 0.18	13.44 -0.56 0.00	13.49 -0.56 0.00	17.01 -0.69 0.00	23.46 -0.88 0.00	23.33 -0.90 0.88	18.71 -0.77 1.28	18.06 -0.73 1.55	17.76 -0.74 1.49	17.20 -0.69 1.38	16.62 -0.69 1.27	16.25 -0.67 1.19	15.63 -0.62 1.05	16.21 -0.61 0.21	16.29 -0.64 0.00	20.74 -0.77 0.00	22.86 -0.95 0.00	19.71 -0.84 0.00	19.32 -0.81 0.00	19.08 -0.82 0.00	16.25 -0.70 0.00	17.77 -0.76 0.00
HUDSON_AVE_GT_3 23810	25.35 1.76 -6.11	23.88 1.38 -8.31	21.94 1.37 -6.39	21.34 1.32 -6.03	22.27 1.29 -6.92	24.75 1.65 -5.40	29.61 2.43 -2.84	30.32 2.74 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.91 2.47 -4.17	24.37 2.36 -3.44	24.19 2.35 -3.73	23.50 2.22 -3.98	23.23 2.15 -4.05	24.35 2.18 -5.24	31.07 2.65 -6.91	33.69 2.93 -6.95	29.29 2.59 -6.14	26.68 2.60 -3.96	24.81 2.55 -2.37	24.08 1.98 -5.16	22.25 1.85 -1.86
HUDSON_AVE_GT_4 23540	25.35 1.76 -6.11	23.88 1.38 -8.31	21.94 1.37 -6.39	21.34 1.32 -6.03	22.27 1.29 -6.92	24.75 1.65 -5.40	29.61 2.43 -2.84	30.32 2.74 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.91 2.47 -4.17	24.37 2.36 -3.44	24.19 2.35 -3.73	23.50 2.22 -3.98	23.23 2.15 -4.05	24.35 2.18 -5.24	31.07 2.65 -6.91	33.69 2.93 -6.95	29.29 2.59 -6.14	26.68 2.60 -3.96	24.81 2.55 -2.37	24.08 1.98 -5.16	22.25 1.85 -1.86
HUDSON_AVE_GT_5 23657	25.35 1.76 -6.11	23.88 1.38 -8.31	21.94 1.37 -6.39	21.34 1.32 -6.03	22.27 1.29 -6.92	24.75 1.65 -5.40	29.61 2.43 -2.84	30.32 2.74 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.91 2.47 -4.17	24.37 2.36 -3.44	24.19 2.35 -3.73	23.50 2.22 -3.98	23.23 2.15 -4.05	24.35 2.18 -5.24	31.07 2.65 -6.91	33.69 2.93 -6.95	29.29 2.59 -6.14	26.68 2.60 -3.96	24.81 2.55 -2.37	24.08 1.98 -5.16	22.25 1.85 -1.86
HUDSON_AVE_10 24168	25.31 1.73 -6.11	23.84 1.33 -8.31	21.90 1.33 -6.39	21.30 1.27 -6.03	22.21 1.24 -6.92	24.69 1.59 -5.40	29.57 2.39 -2.84	30.27 2.69 -2.47	29.44 2.47 -6.22	27.65 2.42 -4.89	27.41 2.48 -4.94	25.83 2.39 -4.17	24.28 2.27 -3.44	24.10 2.26 -3.73	23.43 2.15 -3.98	23.16 2.08 -4.05	24.28 2.12 -5.24	31.02 2.60 -6.91	33.62 2.86 -6.95	29.25 2.55 -6.14	26.64 2.56 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.19 1.80 -1.86
HUNTER_MOUNT___DRP 323613	25.92 1.75 -6.70	24.76 1.45 -9.11	22.64 1.46 -7.01	22.04 1.43 -6.61	23.06 1.42 -7.59	25.36 1.74 -5.92	29.81 2.36 -3.11	30.35 2.54 -2.70	29.62 2.06 -6.81	27.63 1.95 -5.34	27.43 2.04 -5.39	25.59 1.79 -4.52	24.01 1.78 -3.65	24.03 1.85 -4.07	23.29 1.73 -4.25	23.19 1.74 -4.42	24.38 1.73 -5.72	31.38 2.30 -7.57	34.08 2.64 -7.62	29.49 2.20 -6.73	26.55 2.09 -4.34	24.55 2.07 -2.59	24.35 1.76 -5.65	22.22 1.65 -2.04
HUNTINGTON_RES_REC 323705	25.75 2.17 -6.10	24.19 1.69 -8.31	22.25 1.69 -6.39	21.59 1.57 -6.02	22.45 1.47 -6.93	25.20 2.11 -5.40	30.78 3.24 -3.20	33.47 3.56 -4.79	31.02 3.13 -7.13	28.74 3.01 -5.39	28.58 3.02 -5.56	27.84 2.85 -5.72	26.03 2.77 -4.68	26.51 2.70 -5.71	25.04 2.56 -5.17	25.26 2.52 -5.70	26.13 2.57 -6.62	32.64 3.12 -8.00	34.73 3.50 -7.41	31.74 3.08 -8.10	29.15 3.10 -5.93	26.89 3.06 -3.93	24.88 2.46 -5.48	22.69 2.30 -1.86
HUNTLEY___63 23557	18.62 0.23 -0.92	15.76 0.31 -1.25	15.49 0.35 -0.96	15.34 0.43 -0.91	15.48 0.39 -1.04	18.72 0.21 -0.81	24.42 -0.34 -0.43	25.76 0.28 -0.37	21.82 0.13 -0.93	21.07 0.00 -0.73	20.77 0.04 -0.74	19.81 -0.08 -0.62	19.13 0.06 -0.50	18.79 0.13 -0.56	17.96 0.07 -0.58	17.66 0.02 -0.61	17.78 0.07 -0.78	22.36 -0.19 -1.04	25.05 0.19 -1.04	21.81 0.33 -0.92	20.82 0.10 -0.59	20.59 0.34 -0.35	18.12 0.41 -0.77	19.22 0.41 -0.28
HUNTLEY___64 23558	18.62 0.23 -0.92	15.76 0.31 -1.25	15.49 0.35 -0.96	15.34 0.43 -0.91	15.48 0.39 -1.04	18.72 0.21 -0.81	24.42 -0.34 -0.43	25.76 0.28 -0.37	21.82 0.13 -0.93	21.07 0.00 -0.73	20.77 0.04 -0.74	19.81 -0.08 -0.62	19.13 0.06 -0.50	18.79 0.13 -0.56	17.96 0.07 -0.58	17.66 0.02 -0.61	17.78 0.07 -0.78	22.36 -0.19 -1.04	25.05 0.19 -1.04	21.81 0.33 -0.92	20.82 0.10 -0.59	20.59 0.34 -0.35	18.12 0.41 -0.77	19.22 0.41 -0.28
HUNTLEY___65 23559	18.62 0.23 -0.92	15.76 0.31 -1.25	15.49 0.35 -0.96	15.34 0.43 -0.91	15.48 0.39 -1.04	18.72 0.21 -0.81	24.42 -0.34 -0.43	25.76 0.28 -0.37	21.82 0.13 -0.93	21.07 0.00 -0.73	20.77 0.04 -0.74	19.81 -0.08 -0.62	19.13 0.06 -0.50	18.79 0.13 -0.56	17.96 0.07 -0.58	17.66 0.02 -0.61	17.78 0.07 -0.78	22.36 -0.19 -1.04	25.05 0.19 -1.04	21.81 0.33 -0.92	20.82 0.10 -0.59	20.59 0.34 -0.35	18.12 0.41 -0.77	19.22 0.41 -0.28



HUNTLEY___66 23560	18.62 0.23 -0.92	15.76 0.31 -1.25	15.49 0.35 -0.96	15.34 0.43 -0.91	15.48 0.39 -1.04	18.72 0.21 -0.81	24.42 -0.34 -0.43	25.76 0.28 -0.37	21.82 0.13 -0.93	21.07 0.00 -0.73	20.77 0.04 -0.74	19.81 -0.08 -0.62	19.13 0.06 -0.50	18.79 0.13 -0.56	17.96 0.07 -0.58	17.66 0.02 -0.61	17.78 0.07 -0.78	22.36 -0.19 -1.04	25.05 0.19 -1.04	21.81 0.33 -0.92	20.82 0.10 -0.59	20.59 0.34 -0.35	18.12 0.41 -0.77	19.22 0.41 -0.28
HUNTLEY___67 23561	18.48 0.07 -0.94	15.67 0.20 -1.27	15.38 0.23 -0.98	15.22 0.29 -0.92	15.37 0.25 -1.06	18.62 0.09 -0.83	24.26 -0.51 -0.44	25.52 0.03 -0.38	21.65 -0.06 -0.95	20.91 -0.18 -0.75	20.63 -0.12 -0.75	19.67 -0.23 -0.63	19.00 -0.09 -0.51	18.66 -0.02 -0.57	17.83 -0.07 -0.60	17.55 -0.10 -0.62	17.66 -0.07 -0.80	22.19 -0.39 -1.06	24.81 -0.07 -1.07	21.62 0.12 -0.94	20.65 -0.08 -0.61	20.41 0.16 -0.36	17.99 0.25 -0.79	19.08 0.26 -0.29
HUNTLEY___68 23562	18.48 0.07 -0.94	15.66 0.18 -1.27	15.37 0.21 -0.98	15.22 0.29 -0.92	15.37 0.25 -1.06	18.60 0.07 -0.83	24.24 -0.54 -0.44	25.49 0.00 -0.38	21.63 -0.08 -0.95	20.91 -0.18 -0.75	20.61 -0.14 -0.75	19.65 -0.25 -0.63	18.98 -0.11 -0.51	18.64 -0.04 -0.57	17.81 -0.09 -0.60	17.54 -0.12 -0.62	17.65 -0.08 -0.80	22.17 -0.41 -1.06	24.78 -0.09 -1.07	21.60 0.10 -0.94	20.63 -0.10 -0.61	20.40 0.14 -0.36	17.97 0.24 -0.79	19.06 0.24 -0.29
HYLAND___LFGE 323620	19.48 0.96 -1.05	16.45 0.82 -1.43	16.09 0.82 -1.10	15.89 0.85 -1.03	16.11 0.87 -1.19	19.76 1.13 -0.93	26.33 1.51 -0.49	27.62 2.08 -0.42	23.09 1.27 -1.07	22.30 1.12 -0.84	21.92 1.08 -0.84	20.96 0.98 -0.71	20.23 1.08 -0.57	19.65 0.91 -0.64	18.80 0.83 -0.67	18.50 0.77 -0.69	18.67 0.85 -0.90	23.82 1.12 -1.19	26.60 1.60 -1.19	23.03 1.42 -1.05	21.99 1.19 -0.68	21.49 1.19 -0.41	18.85 1.02 -0.88	20.13 1.28 -0.32
INDECK___CORINTH 23802	26.77 1.07 -8.23	26.27 0.88 -11.19	23.66 0.88 -8.61	23.01 0.90 -8.12	24.35 0.97 -9.33	26.12 1.15 -7.27	29.97 1.78 -3.86	30.30 1.83 -3.35	30.68 1.47 -8.45	28.39 1.42 -6.62	27.96 1.28 -6.68	26.07 1.20 -5.61	24.32 1.23 -4.52	24.33 1.18 -5.05	23.72 1.14 -5.27	23.66 1.14 -5.48	25.13 1.12 -7.09	32.33 1.44 -9.38	34.90 1.72 -9.37	30.27 1.44 -8.28	26.80 1.35 -5.33	24.39 1.31 -3.18	25.09 1.20 -6.94	22.84 1.80 -2.50
INDECK___ILION 23567	17.87 0.56 0.16	14.44 0.47 0.22	14.48 0.48 0.17	14.33 0.49 0.16	14.39 0.52 0.19	18.23 0.67 0.14	25.14 0.87 0.07	25.90 0.85 0.07	21.23 0.64 0.17	20.80 0.59 0.13	20.42 0.56 0.14	19.72 0.56 0.11	19.01 0.52 0.09	18.51 0.51 0.10	17.68 0.48 0.11	17.40 0.48 0.11	17.25 0.46 0.14	21.94 0.60 0.18	24.34 0.71 0.19	20.99 0.60 0.16	20.60 0.58 0.11	20.47 0.64 0.06	17.35 0.54 0.14	19.08 0.59 0.05
INDECK___OLEAN 23982	19.96 1.31 -1.17	17.00 1.21 -1.60	16.58 1.18 -1.23	16.40 1.25 -1.16	16.57 1.19 -1.33	20.08 1.34 -1.04	26.71 1.83 -0.55	27.75 2.16 -0.47	23.78 1.83 -1.19	22.95 1.67 -0.94	22.60 1.66 -0.94	21.45 1.39 -0.79	20.65 1.43 -0.64	20.38 1.56 -0.71	19.49 1.44 -0.75	19.11 1.29 -0.77	19.27 1.34 -1.00	24.28 1.44 -1.33	27.20 2.05 -1.34	23.59 1.85 -1.18	22.53 1.65 -0.76	22.18 1.83 -0.45	19.44 1.51 -0.99	20.56 1.67 -0.36
INDECK___OSWEGO 23783	17.82 -0.12 -0.46	14.73 -0.10 -0.63	14.56 -0.10 -0.48	14.36 -0.10 -0.46	14.48 -0.10 -0.52	17.97 -0.14 -0.41	24.14 -0.41 -0.22	25.40 -0.43 -0.71	21.62 -0.37 -1.23	21.29 -0.35 -1.29	20.90 -0.36 -1.26	20.06 -0.35 -1.13	19.27 -0.32 -1.01	18.79 -0.31 -0.99	17.91 -0.31 -0.92	17.16 -0.31 -0.43	17.02 -0.30 -0.40	21.65 -0.39 -0.52	23.98 -0.36 -0.53	20.71 -0.31 -0.46	20.10 -0.32 -0.30	19.75 -0.32 -0.18	17.10 -0.24 -0.39	18.53 -0.15 -0.14
INDECK___YERKES 23781	18.64 0.24 -0.92	15.78 0.34 -1.25	15.50 0.37 -0.96	15.35 0.45 -0.91	15.50 0.41 -1.04	18.74 0.23 -0.81	24.45 -0.32 -0.43	25.78 0.30 -0.37	21.84 0.15 -0.93	21.09 0.02 -0.73	20.81 0.08 -0.74	19.83 -0.06 -0.62	19.17 0.09 -0.50	18.83 0.16 -0.56	17.97 0.09 -0.58	17.68 0.03 -0.61	17.80 0.09 -0.78	22.38 -0.17 -1.04	25.07 0.21 -1.04	21.83 0.35 -0.92	20.84 0.12 -0.59	20.62 0.38 -0.35	18.14 0.42 -0.77	19.24 0.43 -0.28
INDIAN POINT_GT_1 24139	24.96 1.43 -6.05	23.56 1.14 -8.23	21.65 1.15 -6.33	21.07 1.11 -5.97	21.97 1.07 -6.86	24.39 1.34 -5.35	29.20 2.04 -2.81	29.82 2.26 -2.44	28.99 2.08 -6.15	27.20 2.03 -4.83	26.98 2.12 -4.87	25.42 2.06 -4.09	23.82 1.95 -3.29	23.74 1.96 -3.68	22.98 1.83 -3.84	22.82 1.79 -3.99	23.91 1.81 -5.17	30.57 2.22 -6.84	33.17 2.48 -6.88	28.81 2.18 -6.08	26.21 2.17 -3.92	24.34 2.11 -2.34	23.67 1.63 -5.10	21.88 1.50 -1.84
INDIAN POINT_GT_2 23659	24.96 1.43 -6.05	23.56 1.14 -8.23	21.65 1.15 -6.33	21.07 1.11 -5.97	21.97 1.07 -6.86	24.39 1.34 -5.35	29.20 2.04 -2.81	29.82 2.26 -2.44	28.99 2.08 -6.15	27.20 2.03 -4.83	26.98 2.12 -4.87	25.42 2.06 -4.09	23.82 1.95 -3.29	23.74 1.96 -3.68	22.98 1.83 -3.84	22.82 1.79 -3.99	23.91 1.81 -5.17	30.57 2.22 -6.84	33.17 2.48 -6.88	28.81 2.18 -6.08	26.21 2.17 -3.92	24.34 2.11 -2.34	23.67 1.63 -5.10	21.88 1.50 -1.84
INDIAN POINT_GT_3 24019	24.96 1.43 -6.05	23.56 1.14 -8.23	21.65 1.15 -6.33	21.07 1.11 -5.97	21.97 1.07 -6.86	24.39 1.34 -5.35	29.20 2.04 -2.81	29.82 2.26 -2.44	28.99 2.08 -6.15	27.20 2.03 -4.83	26.98 2.12 -4.87	25.42 2.06 -4.09	23.82 1.95 -3.29	23.74 1.96 -3.68	22.98 1.83 -3.84	22.82 1.79 -3.99	23.91 1.81 -5.17	30.57 2.22 -6.84	33.17 2.48 -6.88	28.81 2.18 -6.08	26.21 2.17 -3.92	24.34 2.11 -2.34	23.67 1.63 -5.10	21.88 1.50 -1.84
INDIAN POINT___2 23530	24.83 1.38 -5.97	23.41 1.09 -8.12	21.53 1.11 -6.25	20.95 1.06 -5.89	21.84 1.03 -6.77	24.27 1.29 -5.28	29.09 1.97 -2.78	29.71 2.18 -2.41	28.85 2.01 -6.08	27.08 1.97 -4.76	26.84 2.04 -4.81	25.29 1.99 -4.04	23.73 1.90 -3.25	23.64 1.90 -3.63	22.88 1.78 -3.79	22.72 1.74 -3.94	23.79 1.76 -5.10	30.39 2.13 -6.75	32.99 2.38 -6.79	28.66 2.10 -6.00	26.08 2.09 -3.87	24.25 2.05 -2.31	23.55 1.58 -5.03	21.80 1.45 -1.82
INDIAN POINT___3 23531	24.90 1.38 -6.05	23.52 1.09 -8.23	21.61 1.11 -6.33	21.03 1.06 -5.97	21.93 1.03 -6.86	24.34 1.29 -5.35	29.12 1.97 -2.82	29.74 2.18 -2.44	28.91 1.99 -6.16	27.14 1.97 -4.83	26.91 2.04 -4.87	25.34 1.99 -4.09	23.77 1.90 -3.30	23.69 1.90 -3.68	22.93 1.78 -3.84	22.75 1.72 -3.99	23.86 1.76 -5.17	30.48 2.13 -6.84	33.08 2.38 -6.89	28.74 2.10 -6.08	26.13 2.09 -3.92	24.26 2.03 -2.34	23.62 1.58 -5.10	21.82 1.45 -1.84
IP CORINTH___1 23988	26.87 1.17 -8.23	26.35 0.97 -11.19	23.75 0.96 -8.61	23.10 0.98 -8.12	24.43 1.05 -9.33	26.23 1.26 -7.27	30.12 1.92 -3.86	30.45 1.98 -3.35	30.80 1.60 -8.45	28.51 1.55 -6.62	28.08 1.40 -6.68	26.19 1.31 -5.61	24.44 1.34 -4.52	24.44 1.29 -5.05	23.82 1.25 -5.27	23.76 1.24 -5.48	25.23 1.22 -7.09	32.46 1.57 -9.38	35.06 1.88 -9.37	30.40 1.56 -8.28	26.92 1.47 -5.33	24.51 1.43 -3.18	25.19 1.30 -6.94	22.84 1.80 -2.50



IP__TICONDEROGA 23804	27.42 2.06 -7.88	26.68 1.76 -10.72	24.17 1.74 -8.25	23.59 1.81 -7.78	24.83 1.84 -8.94	26.99 2.32 -6.97	31.43 3.41 -3.69	32.18 3.87 -3.20	31.93 3.11 -8.06	29.63 2.97 -6.32	29.20 2.82 -6.38	27.25 2.62 -5.36	25.48 2.58 -4.32	25.39 2.46 -4.82	24.73 2.39 -5.03	24.62 2.35 -5.23	26.18 2.47 -6.77	33.64 3.16 -8.96	36.28 3.50 -8.97	31.52 3.04 -7.92	28.12 2.90 -5.10	25.75 2.81 -3.05	25.82 2.24 -6.64	23.47 2.54 -2.40
ISLIP_RES_REC 323679	26.06 2.48 -6.10	24.48 1.97 -8.31	22.53 1.97 -6.39	21.87 1.85 -6.02	22.73 1.76 -6.93	25.56 2.46 -5.40	31.33 3.77 -3.22	34.11 4.19 -4.81	31.53 3.63 -7.14	29.19 3.44 -5.41	29.01 3.44 -5.57	28.26 3.26 -5.73	26.40 3.12 -4.70	26.86 3.02 -5.73	25.40 2.91 -5.19	25.64 2.88 -5.72	26.48 2.91 -6.64	33.34 3.81 -8.02	35.48 4.24 -7.43	32.35 3.68 -8.11	29.62 3.54 -5.95	27.37 3.52 -3.95	25.26 2.81 -5.50	22.97 2.58 -1.86
JARVIS____ 23743	17.49 0.17 0.16	14.12 0.14 0.22	14.14 0.14 0.17	13.98 0.14 0.16	14.02 0.15 0.19	17.75 0.20 0.14	24.53 0.27 0.07	25.32 0.28 0.07	20.79 0.21 0.17	20.41 0.20 0.13	20.06 0.20 0.14	19.35 0.19 0.11	18.65 0.17 0.09	18.17 0.16 0.10	17.35 0.16 0.11	17.08 0.15 0.11	16.95 0.15 0.14	21.55 0.22 0.18	23.89 0.26 0.19	20.62 0.23 0.16	20.24 0.22 0.11	20.05 0.22 0.06	17.01 0.20 0.14	18.69 0.20 0.05
JENNISON____1 23625	21.05 1.43 -2.14	18.28 1.18 -2.91	17.57 1.16 -2.24	17.24 1.13 -2.11	17.64 1.17 -2.42	21.02 1.43 -1.89	27.72 2.39 -1.00	28.36 2.39 -0.87	24.76 1.83 -2.18	23.92 1.87 -1.71	23.46 1.74 -1.72	22.39 1.68 -1.45	21.25 1.50 -1.17	20.86 1.45 -1.30	20.02 1.35 -1.36	19.75 1.29 -1.41	20.11 1.35 -1.83	25.83 1.89 -2.42	28.58 2.33 -2.43	24.58 1.87 -2.15	23.32 1.81 -1.38	22.51 1.79 -0.83	20.21 1.46 -1.80	20.69 1.50 -0.65
JENNISON____2 23626	21.05 1.43 -2.14	18.28 1.18 -2.91	17.57 1.16 -2.24	17.24 1.13 -2.11	17.64 1.17 -2.42	21.02 1.43 -1.89	27.72 2.39 -1.00	28.36 2.39 -0.87	24.76 1.83 -2.18	23.92 1.87 -1.71	23.46 1.74 -1.72	22.39 1.68 -1.45	21.25 1.50 -1.17	20.86 1.45 -1.30	20.02 1.35 -1.36	19.75 1.29 -1.41	20.11 1.35 -1.83	25.83 1.89 -2.42	28.58 2.33 -2.43	24.58 1.87 -2.15	23.32 1.81 -1.38	22.51 1.79 -0.83	20.21 1.46 -1.80	20.69 1.50 -0.65
JERICHO_RISE_WT_PWR 323719	16.64 -0.84 0.00	13.46 -0.74 0.00	13.44 -0.74 0.00	13.23 -0.77 0.00	13.26 -0.79 0.00	16.57 -1.13 0.00	22.85 -1.49 0.00	19.20 -1.66 4.25	13.16 -1.43 6.17	11.43 -1.42 7.49	11.36 -1.42 7.22	11.26 -1.35 6.66	11.12 -1.34 6.12	11.05 -1.32 5.74	11.01 -1.23 5.07	14.81 -1.19 1.03	15.74 -1.19 0.00	20.14 -1.38 0.00	22.12 -1.69 0.00	19.04 -1.52 0.00	18.71 -1.41 0.00	18.46 -1.43 0.00	15.69 -1.25 0.00	17.20 -1.33 0.00
KEDC_PORT_JEFF_GT2 24210	25.92 2.34 -6.10	24.35 1.84 -8.31	22.42 1.86 -6.39	21.76 1.74 -6.02	22.62 1.64 -6.93	25.40 2.30 -5.40	31.07 3.55 -3.18	33.83 3.94 -4.77	31.31 3.45 -7.11	28.94 3.23 -5.36	28.78 3.24 -5.54	28.03 3.06 -5.70	26.19 2.95 -4.66	26.65 2.86 -5.69	25.21 2.75 -5.15	25.42 2.71 -5.68	26.29 2.76 -6.60	33.07 3.57 -7.99	35.16 3.95 -7.40	32.09 3.45 -8.08	29.35 3.32 -5.91	27.12 3.32 -3.91	25.09 2.68 -5.46	22.86 2.47 -1.85
KEDC_PORT_JEFF_GT3 24211	25.92 2.34 -6.10	24.35 1.84 -8.31	22.42 1.86 -6.39	21.76 1.74 -6.02	22.62 1.64 -6.93	25.40 2.30 -5.40	31.07 3.55 -3.18	33.83 3.94 -4.77	31.31 3.45 -7.11	28.94 3.23 -5.36	28.78 3.24 -5.54	28.03 3.06 -5.70	26.19 2.95 -4.66	26.65 2.86 -5.69	25.21 2.75 -5.15	25.42 2.71 -5.68	26.29 2.76 -6.60	33.07 3.57 -7.99	35.16 3.95 -7.40	32.09 3.45 -8.08	29.35 3.32 -5.91	27.12 3.32 -3.91	25.09 2.68 -5.46	22.86 2.47 -1.85
KEDC_GLWD_GT4 24219	25.50 1.91 -6.12	24.01 1.49 -8.32	22.05 1.47 -6.40	21.44 1.40 -6.04	22.31 1.34 -6.93	24.93 1.82 -5.41	31.58 2.75 -4.50	33.82 3.01 -5.69	31.86 2.70 -8.40	30.22 2.66 -7.21	29.41 2.72 -6.70	29.03 2.60 -7.15	27.29 2.51 -6.21	27.74 2.48 -7.15	26.24 2.34 -6.60	26.66 2.28 -7.34	27.38 2.32 -8.13	33.36 2.80 -9.05	35.53 3.17 -8.55	32.40 2.76 -9.08	30.23 2.74 -7.37	28.25 2.70 -5.65	25.75 2.14 -6.67	22.44 2.04 -1.87
KEDC_GLWD_GT5 24220	25.50 1.91 -6.12	24.01 1.49 -8.32	22.05 1.47 -6.40	21.44 1.40 -6.04	22.31 1.34 -6.93	24.93 1.82 -5.41	31.58 2.75 -4.50	33.82 3.01 -5.69	31.86 2.70 -8.40	30.22 2.66 -7.21	29.41 2.72 -6.70	29.03 2.60 -7.15	27.29 2.51 -6.21	27.74 2.48 -7.15	26.24 2.34 -6.60	26.66 2.28 -7.34	27.38 2.32 -8.13	33.36 2.80 -9.05	35.53 3.17 -8.55	32.40 2.76 -9.08	30.23 2.74 -7.37	28.25 2.70 -5.65	25.75 2.14 -6.67	22.44 2.04 -1.87
KENSICO____ 23655	25.11 1.54 -6.09	23.72 1.23 -8.29	21.78 1.23 -6.38	21.20 1.19 -6.01	22.13 1.17 -6.91	24.54 1.45 -5.39	29.36 2.19 -2.84	30.01 2.44 -2.46	29.18 2.22 -6.20	27.38 2.18 -4.86	27.16 2.26 -4.91	25.59 2.20 -4.12	24.00 2.10 -3.32	23.92 2.10 -3.71	23.15 1.97 -3.87	22.97 1.91 -4.02	24.08 1.95 -5.21	30.77 2.37 -6.89	33.37 2.62 -6.94	29.01 2.32 -6.13	26.36 2.29 -3.95	24.50 2.25 -2.36	23.83 1.75 -5.14	22.00 1.61 -1.86
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.85 1.57 -5.80	23.37 1.28 -7.90	21.54 1.29 -6.07	20.97 1.25 -5.73	21.85 1.22 -6.58	24.36 1.52 -5.13	29.25 2.21 -2.70	29.94 2.49 -2.35	28.80 2.14 -5.91	27.05 2.08 -4.63	26.85 2.18 -4.67	25.22 2.02 -3.92	23.69 1.95 -3.16	23.63 1.99 -3.53	22.86 1.87 -3.69	22.69 1.82 -3.83	23.73 1.85 -4.96	30.42 2.35 -6.56	33.08 2.67 -6.60	28.67 2.28 -5.83	26.11 2.23 -3.76	24.33 2.19 -2.24	23.53 1.69 -4.89	21.86 1.56 -1.77
KIAC_JFK_GT1 23816	25.26 1.68 -6.11	23.78 1.28 -8.31	21.84 1.28 -6.39	21.23 1.20 -6.03	22.14 1.17 -6.92	24.64 1.54 -5.40	29.57 2.39 -2.84	30.34 2.76 -2.47	29.53 2.55 -6.22	27.67 2.44 -4.89	27.33 2.40 -4.94	25.68 2.23 -4.17	24.11 2.10 -3.44	23.94 2.10 -3.73	23.29 2.01 -3.98	23.06 1.98 -4.05	24.18 2.01 -5.24	31.00 2.58 -6.91	33.65 2.88 -6.95	29.25 2.55 -6.14	26.66 2.58 -3.96	24.71 2.45 -2.37	24.07 1.96 -5.16	22.17 1.78 -1.86
KIAC_JFK_GT2 23817	25.26 1.68 -6.11	23.78 1.28 -8.31	21.84 1.28 -6.39	21.23 1.20 -6.03	22.14 1.17 -6.92	24.64 1.54 -5.40	29.57 2.39 -2.84	30.34 2.76 -2.47	29.53 2.55 -6.22	27.67 2.44 -4.89	27.33 2.40 -4.94	25.68 2.23 -4.17	24.11 2.10 -3.44	23.94 2.10 -3.73	23.29 2.01 -3.98	23.06 1.98 -4.05	24.18 2.01 -5.24	31.00 2.58 -6.91	33.65 2.88 -6.95	29.25 2.55 -6.14	26.66 2.58 -3.96	24.71 2.45 -2.37	24.07 1.96 -5.16	22.17 1.78 -1.86
KINTIGH____ 23543	18.09 -0.19 -0.80	15.23 -0.06 -1.09	14.97 -0.04 -0.84	14.82 0.03 -0.79	14.96 0.00 -0.91	18.23 -0.18 -0.71	23.93 -0.78 -0.37	25.01 -0.43 -0.32	21.12 -0.46 -0.82	20.45 -0.53 -0.64	20.16 -0.48 -0.65	19.25 -0.56 -0.54	18.59 -0.43 -0.44	18.22 -0.38 -0.49	17.42 -0.40 -0.51	17.14 -0.43 -0.53	17.21 -0.41 -0.69	21.69 -0.73 -0.91	24.16 -0.57 -0.91	21.03 -0.33 -0.81	20.16 -0.48 -0.52	19.91 -0.30 -0.31	17.49 -0.14 -0.68	18.67 -0.11 -0.24



LEDERLE____ 23769	24.83 1.47 -5.88	23.38 1.18 -8.00	21.51 1.18 -6.16	20.94 1.13 -5.81	21.83 1.11 -6.67	24.30 1.40 -5.20	29.17 2.09 -2.74	29.82 2.34 -2.38	28.86 2.12 -5.99	27.11 2.08 -4.69	26.89 2.16 -4.74	25.33 2.08 -3.98	23.77 1.99 -3.21	23.68 1.99 -3.58	22.91 1.87 -3.74	22.74 1.82 -3.88	23.80 1.85 -5.03	30.42 2.26 -6.65	33.06 2.55 -6.70	28.69 2.22 -5.91	26.15 2.21 -3.81	24.32 2.15 -2.28	23.57 1.66 -4.96	21.85 1.52 -1.79
LINDEN COGEN____ 23786	25.30 1.71 -6.11	23.84 1.33 -8.31	21.90 1.33 -6.39	21.30 1.27 -6.03	22.21 1.24 -6.92	24.69 1.59 -5.40	29.47 2.29 -2.84	30.14 2.56 -2.47	29.32 2.34 -6.22	27.59 2.36 -4.89	27.37 2.44 -4.94	25.85 2.41 -4.17	24.34 2.32 -3.44	24.16 2.32 -3.73	23.47 2.18 -3.98	23.16 2.08 -4.05	24.26 2.10 -5.24	30.92 2.49 -6.91	33.48 2.71 -6.95	29.14 2.45 -6.14	26.58 2.49 -3.96	24.69 2.43 -2.37	24.00 1.90 -5.16	22.14 1.74 -1.86
LIPA_MISC_IPP 23656	25.92 2.34 -6.10	24.36 1.86 -8.31	22.46 1.90 -6.39	21.79 1.76 -6.02	22.65 1.67 -6.93	25.43 2.34 -5.40	31.11 3.60 -3.17	33.86 3.99 -4.76	31.31 3.47 -7.09	28.91 3.23 -5.34	28.76 3.24 -5.53	28.01 3.06 -5.68	26.17 2.95 -4.64	26.63 2.86 -5.67	25.21 2.77 -5.13	25.42 2.73 -5.65	26.25 2.74 -6.58	33.10 3.61 -7.97	35.19 4.00 -7.38	32.08 3.45 -8.07	29.31 3.30 -5.89	27.10 3.32 -3.88	25.10 2.71 -5.45	22.86 2.47 -1.85
LISF____SOLAR 323691	25.97 2.39 -6.10	24.41 1.90 -8.31	22.50 1.94 -6.39	21.83 1.81 -6.02	22.69 1.71 -6.93	25.49 2.39 -5.40	31.21 3.70 -3.17	33.97 4.09 -4.76	31.40 3.55 -7.09	28.98 3.29 -5.34	28.83 3.30 -5.53	28.07 3.12 -5.68	26.23 3.01 -4.64	26.70 2.92 -5.67	25.26 2.82 -5.14	25.48 2.78 -5.66	26.33 2.81 -6.59	33.19 3.70 -7.98	35.30 4.10 -7.39	32.16 3.54 -8.07	29.40 3.38 -5.90	27.19 3.40 -3.89	25.16 2.76 -5.45	22.89 2.50 -1.85
LITTLE FALLS____HYD 24013	18.36 1.05 0.16	14.84 0.87 0.22	14.91 0.91 0.17	14.80 0.97 0.16	14.89 1.03 0.19	18.87 1.31 0.14	25.92 1.66 0.07	26.65 1.61 0.07	21.79 1.20 0.17	21.30 1.10 0.13	20.88 1.02 0.14	20.18 1.02 0.11	19.47 0.98 0.09	18.96 0.96 0.10	18.11 0.92 0.11	17.81 0.89 0.11	17.64 0.85 0.14	22.43 1.10 0.18	24.91 1.28 0.19	21.46 1.07 0.16	21.06 1.05 0.11	20.96 1.13 0.06	17.79 0.98 0.14	19.58 1.09 0.05
LI_NEWBRDGE____DRP 323616	25.55 1.97 -6.10	24.02 1.52 -8.30	22.06 1.50 -6.38	21.42 1.40 -6.02	22.28 1.31 -6.93	24.99 1.89 -5.39	30.09 2.85 -2.90	32.73 3.11 -4.50	30.36 2.80 -6.80	28.03 2.73 -4.96	28.03 2.74 -5.29	27.25 2.60 -5.38	25.43 2.53 -4.33	25.98 2.50 -5.37	24.50 2.35 -4.84	24.64 2.28 -5.32	25.54 2.34 -6.27	32.07 2.80 -7.76	34.13 3.17 -7.15	31.12 2.73 -7.83	28.44 2.74 -5.58	26.15 2.73 -3.53	24.37 2.22 -5.21	22.52 2.13 -1.85
LONG_LAKE_PHOENIX 24014	17.94 -0.02 -0.48	14.83 -0.01 -0.65	14.66 -0.01 -0.50	14.46 -0.01 -0.47	14.58 -0.01 -0.54	18.07 -0.05 -0.42	24.32 -0.24 -0.22	25.47 -0.23 -0.59	21.61 -0.21 -1.06	21.21 -0.20 -1.08	20.83 -0.22 -1.05	20.00 -0.21 -0.94	19.22 -0.19 -0.83	18.77 -0.16 -0.82	17.91 -0.17 -0.77	17.26 -0.19 -0.41	17.17 -0.17 -0.41	21.82 -0.24 -0.54	24.19 -0.17 -0.55	20.90 -0.14 -0.48	20.27 -0.16 -0.31	19.92 -0.16 -0.19	17.23 -0.12 -0.40	18.64 -0.04 -0.15
LOVETT____3 23632	24.78 1.40 -5.91	23.34 1.11 -8.04	21.48 1.12 -6.18	20.91 1.08 -5.83	21.80 1.05 -6.70	24.25 1.33 -5.23	29.08 2.00 -2.75	29.73 2.23 -2.39	28.78 2.01 -6.01	27.05 1.99 -4.72	26.82 2.06 -4.76	25.27 2.00 -3.99	23.71 1.91 -3.22	23.62 1.92 -3.60	22.86 1.80 -3.75	22.69 1.76 -3.90	23.76 1.78 -5.05	30.35 2.15 -6.68	32.94 2.40 -6.73	28.62 2.12 -5.94	26.06 2.11 -3.83	24.25 2.07 -2.29	23.52 1.59 -4.98	21.80 1.46 -1.80
LOVETT____4 23642	24.78 1.40 -5.91	23.34 1.11 -8.04	21.48 1.12 -6.18	20.91 1.08 -5.83	21.80 1.05 -6.70	24.25 1.33 -5.23	29.08 2.00 -2.75	29.73 2.23 -2.39	28.78 2.01 -6.01	27.05 1.99 -4.72	26.82 2.06 -4.76	25.27 2.00 -3.99	23.71 1.91 -3.22	23.62 1.92 -3.60	22.86 1.80 -3.75	22.69 1.76 -3.90	23.76 1.78 -5.05	30.35 2.15 -6.68	32.94 2.40 -6.73	28.62 2.12 -5.94	26.06 2.11 -3.83	24.25 2.07 -2.29	23.52 1.59 -4.98	21.80 1.46 -1.80
LOVETT____5 23593	24.78 1.40 -5.91	23.34 1.11 -8.04	21.48 1.12 -6.18	20.91 1.08 -5.83	21.80 1.05 -6.70	24.25 1.33 -5.23	29.08 2.00 -2.75	29.73 2.23 -2.39	28.78 2.01 -6.01	27.05 1.99 -4.72	26.82 2.06 -4.76	25.27 2.00 -3.99	23.71 1.91 -3.22	23.62 1.92 -3.60	22.86 1.80 -3.75	22.69 1.76 -3.90	23.76 1.78 -5.05	30.35 2.15 -6.68	32.94 2.40 -6.73	28.62 2.12 -5.94	26.06 2.11 -3.83	24.25 2.07 -2.29	23.52 1.59 -4.98	21.80 1.46 -1.80
LOWER RAQUET____HYD 24057	15.89 -1.59 0.00	12.86 -1.34 0.00	12.84 -1.33 0.00	12.64 -1.36 0.00	12.72 -1.34 0.00	15.97 -1.73 0.00	22.29 -2.04 0.00	15.81 -2.26 7.05	8.57 -1.97 10.22	6.09 -1.85 12.40	6.17 -1.88 11.95	6.47 -1.77 11.03	6.69 -1.75 10.14	6.85 -1.76 9.50	7.23 -1.68 8.39	13.66 -1.67 1.71	15.29 -1.64 0.00	19.64 -1.87 0.00	21.62 -2.19 0.00	18.50 -2.06 0.00	18.21 -1.91 0.00	17.92 -1.97 0.00	15.22 -1.73 0.00	16.64 -1.89 0.00
LOWER____HUDSON 24059	26.95 1.29 -8.18	26.40 1.08 -11.13	23.79 1.06 -8.56	23.15 1.08 -8.07	24.43 1.11 -9.27	26.30 1.36 -7.23	30.21 2.04 -3.83	30.57 2.13 -3.32	30.86 1.74 -8.36	28.59 1.69 -6.56	28.19 1.58 -6.62	26.31 1.48 -5.55	24.52 1.47 -4.48	24.50 1.39 -5.00	23.87 1.35 -5.22	23.79 1.33 -5.42	25.31 1.35 -7.02	32.55 1.74 -9.29	35.12 2.00 -9.31	30.48 1.71 -8.22	27.05 1.63 -5.29	24.67 1.61 -3.16	25.28 1.44 -6.89	22.56 1.54 -2.49
LWR____OSWEGATCHIE_HYD 23850	16.57 -0.91 0.00	13.43 -0.77 0.00	13.39 -0.78 0.00	13.20 -0.80 0.00	13.28 -0.77 0.00	16.71 -0.99 0.00	23.34 -1.00 0.00	13.02 -1.18 10.91	3.79 -1.14 15.82	0.16 -0.98 19.21	0.39 -1.10 18.51	1.21 -0.98 17.08	1.85 -1.02 15.71	2.33 -1.07 14.71	3.28 -1.02 13.00	13.35 -1.04 2.65	15.91 -1.02 0.00	20.48 -1.03 0.00	22.69 -1.12 0.00	19.41 -1.15 0.00	19.04 -1.09 0.00	18.76 -1.13 0.00	15.95 -1.00 0.00	17.42 -1.11 0.00
LYONS_FALL_HYD 23570	17.75 0.28 0.00	14.42 0.23 0.00	14.37 0.20 0.00	14.18 0.18 0.00	14.26 0.21 0.00	17.97 0.27 0.00	25.04 0.71 0.00	27.94 0.58 -2.25	24.34 0.31 -3.27	24.71 0.41 -3.97	24.10 0.28 -3.82	23.12 0.33 -3.53	22.06 0.24 -3.24	21.31 0.16 -3.04	20.15 0.16 -2.68	17.72 0.14 -0.55	17.08 0.15 0.00	21.92 0.41 0.00	24.38 0.57 0.00	20.88 0.33 0.00	20.47 0.34 0.00	20.21 0.32 0.00	17.20 0.25 0.00	18.78 0.24 0.00
MADISON____COUNTY_LFGE 323628	18.38 0.66 -0.24	15.06 0.54 -0.33	14.96 0.54 -0.25	14.76 0.52 -0.24	14.87 0.55 -0.27	18.60 0.69 -0.21	25.59 1.14 -0.11	26.97 1.10 -0.76	22.77 0.81 -1.20	22.55 0.85 -1.35	22.07 0.76 -1.31	21.22 0.75 -1.19	20.33 0.67 -1.08	19.76 0.62 -1.03	18.83 0.59 -0.94	17.92 0.56 -0.32	17.71 0.58 -0.21	22.67 0.88 -0.28	25.18 1.10 -0.27	21.64 0.84 -0.24	21.10 0.83 -0.16	20.78 0.80 -0.09	17.79 0.64 -0.20	19.29 0.69 -0.07



MAPLE_RIDGE_WT_1 323574	16.51 -0.61 0.36	13.21 -0.50 0.49	13.30 -0.50 0.37	13.16 -0.49 0.35	13.17 -0.48 0.41	16.80 -0.58 0.32	23.35 -0.83 0.16	23.73 -1.18 0.20	19.24 -1.02 0.50	18.93 -1.02 0.39	18.58 -1.02 0.39	17.96 -0.98 0.33	17.36 -0.95 0.27	16.89 -0.92 0.30	16.11 -0.88 0.31	15.88 -0.83 0.32	16.02 -0.61 0.30	20.39 -0.73 0.40	22.60 -0.81 0.41	19.52 -0.68 0.36	19.29 -0.60 0.23	19.18 -0.58 0.14	16.20 -0.44 0.30	18.00 -0.43 0.11
MAPLE_RIDGE_WT_2 323611	16.51 -0.61 0.36	13.21 -0.50 0.49	13.30 -0.50 0.37	13.16 -0.49 0.35	13.17 -0.48 0.41	16.80 -0.58 0.32	23.35 -0.83 0.16	23.73 -1.18 0.20	19.24 -1.02 0.50	18.93 -1.02 0.39	18.58 -1.02 0.39	17.96 -0.98 0.33	17.36 -0.95 0.27	16.89 -0.92 0.30	16.11 -0.88 0.31	15.88 -0.83 0.32	16.02 -0.61 0.30	20.39 -0.73 0.40	22.60 -0.81 0.41	19.52 -0.68 0.36	19.29 -0.60 0.23	19.18 -0.58 0.14	16.20 -0.44 0.30	18.00 -0.43 0.11
MARBLE_RIVER_WT_PWR 323696	16.71 -0.77 0.00	13.52 -0.68 0.00	13.49 -0.68 0.00	13.30 -0.70 0.00	13.33 -0.72 0.00	16.64 -1.06 0.00	22.90 -1.44 0.00	19.55 -1.61 3.95	13.61 -1.41 5.73	11.98 -1.40 6.96	11.89 -1.40 6.71	11.73 -1.35 6.19	11.55 -1.34 5.69	11.47 -1.30 5.33	11.37 -1.23 4.71	14.89 -1.19 0.96	15.74 -1.19 0.00	20.16 -1.35 0.00	22.14 -1.67 0.00	19.04 -1.52 0.00	18.74 -1.39 0.00	18.46 -1.43 0.00	15.71 -1.24 0.00	17.22 -1.32 0.00
MARSH_HILL_WT_PWR 323713	19.51 0.77 -1.27	16.62 0.70 -1.72	16.21 0.71 -1.33	16.01 0.76 -1.25	16.23 0.74 -1.44	19.65 0.83 -1.12	25.97 1.05 -0.59	27.08 1.46 -0.51	23.19 1.14 -1.29	22.39 1.04 -1.01	22.02 1.00 -1.02	20.97 0.85 -0.86	20.16 0.89 -0.69	19.82 0.94 -0.77	18.96 0.85 -0.80	18.64 0.77 -0.84	18.83 0.81 -1.08	23.87 0.92 -1.43	26.63 1.38 -1.44	23.11 1.27 -1.27	22.05 1.11 -0.82	21.62 1.23 -0.49	19.10 1.09 -1.07	20.11 1.19 -0.39
MG_INDUSTRY___DRP 24185	26.28 1.12 -7.69	25.58 0.92 -10.46	23.14 0.92 -8.04	22.51 0.92 -7.59	23.69 0.93 -8.72	25.63 1.13 -6.80	29.54 1.63 -3.57	29.74 1.53 -3.10	29.87 1.31 -7.80	27.74 1.28 -6.12	27.43 1.26 -6.18	25.67 1.21 -5.18	23.93 1.17 -4.18	23.92 0.94 -4.67	23.27 1.09 -4.87	23.17 1.07 -5.06	24.53 1.05 -6.55	31.50 1.31 -8.67	34.06 1.50 -8.75	29.58 1.30 -7.73	26.35 1.25 -4.98	24.16 1.29 -2.97	24.65 1.22 -6.48	22.10 1.22 -2.34
MID___OSWEGATCHIE_HYD 23849	16.57 -0.91 0.00	13.43 -0.77 0.00	13.39 -0.78 0.00	13.20 -0.80 0.00	13.28 -0.77 0.00	16.71 -0.99 0.00	23.34 -1.00 0.00	13.02 -1.18 10.91	3.79 -1.14 15.82	0.16 -0.98 19.21	0.39 -1.10 18.51	1.21 -1.02 17.08	1.85 -1.02 15.71	2.33 -1.07 14.71	3.28 -1.02 13.00	13.35 -1.04 2.65	15.91 -1.02 0.00	20.48 -1.03 0.00	22.69 -1.12 0.00	19.41 -1.15 0.00	19.04 -1.09 0.00	18.76 -1.13 0.00	15.95 -1.00 0.00	17.42 -1.11 0.00
MID___RAQUETTE_HYD 23851	15.89 -1.59 0.00	12.86 -1.34 0.00	12.84 -1.33 0.00	12.64 -1.36 0.00	12.72 -1.34 0.00	15.97 -1.73 0.00	22.29 -2.04 0.00	15.81 -2.26 7.05	8.57 -1.97 10.22	6.09 -1.85 12.40	6.17 -1.88 11.95	6.47 -1.77 11.03	6.69 -1.75 10.14	6.85 -1.76 9.50	7.23 -1.68 8.39	13.66 -1.67 1.71	15.29 -1.64 0.00	19.64 -1.87 0.00	21.62 -2.19 0.00	18.50 -2.06 0.00	18.21 -1.91 0.00	17.92 -1.97 0.00	15.22 -1.73 0.00	16.64 -1.89 0.00
MILLIKEN___1 23584	19.53 0.82 -1.24	16.56 0.68 -1.68	16.13 0.67 -1.29	15.88 0.66 -1.22	16.13 0.67 -1.40	19.62 0.83 -1.09	26.13 1.22 -0.58	26.79 1.18 -0.50	22.95 0.93 -1.26	22.22 0.89 -0.99	21.83 0.84 -1.00	20.90 0.79 -0.84	19.99 0.74 -0.67	19.60 0.74 -0.75	18.78 0.69 -0.78	18.50 0.65 -0.82	18.66 0.68 -1.06	23.82 0.90 -1.40	26.38 1.17 -1.41	22.78 0.99 -1.24	21.83 0.91 -0.80	21.24 0.87 -0.48	18.71 0.73 -1.04	19.71 0.80 -0.38
MILLIKEN___2 23585	19.53 0.82 -1.24	16.56 0.68 -1.68	16.13 0.67 -1.29	15.88 0.66 -1.22	16.13 0.67 -1.40	19.62 0.83 -1.09	26.13 1.22 -0.58	26.79 1.18 -0.50	22.95 0.93 -1.26	22.22 0.89 -0.99	21.83 0.84 -1.00	20.90 0.79 -0.84	19.99 0.74 -0.67	19.60 0.74 -0.75	18.78 0.69 -0.78	18.50 0.65 -0.82	18.66 0.68 -1.06	23.82 0.90 -1.40	26.38 1.17 -1.41	22.78 0.99 -1.24	21.83 0.91 -0.80	21.24 0.87 -0.48	18.71 0.73 -1.04	19.71 0.80 -0.38
MILLIKEN___DIESEL 23629	19.53 0.82 -1.24	16.56 0.68 -1.68	16.13 0.67 -1.29	15.88 0.66 -1.22	16.13 0.67 -1.40	19.62 0.83 -1.09	26.13 1.22 -0.58	26.79 1.18 -0.50	22.95 0.93 -1.26	22.22 0.89 -0.99	21.83 0.84 -1.00	20.90 0.79 -0.84	19.99 0.74 -0.67	19.60 0.74 -0.75	18.78 0.69 -0.78	18.50 0.65 -0.82	18.66 0.68 -1.06	23.82 0.90 -1.40	26.38 1.17 -1.41	22.78 0.99 -1.24	21.83 0.91 -0.80	21.24 0.87 -0.48	18.71 0.73 -1.04	19.71 0.80 -0.38
MILLSEAT___LFGE 323607	18.73 0.40 -0.86	15.80 0.44 -1.16	15.54 0.47 -0.90	15.38 0.53 -0.84	15.53 0.51 -0.97	18.93 0.48 -0.76	24.64 -0.10 -0.40	25.99 0.53 -0.35	21.75 0.13 -0.87	21.00 -0.02 -0.68	20.70 0.02 -0.69	19.77 -0.08 -0.58	19.14 0.09 -0.47	18.68 0.05 -0.52	17.85 0.00 -0.54	17.57 -0.03 -0.56	17.68 0.02 -0.73	22.31 -0.17 -0.97	24.95 0.17 -0.97	21.70 0.29 -0.86	20.74 0.06 -0.55	20.46 0.24 -0.33	17.97 0.31 -0.72	19.31 0.52 -0.26
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.03 1.48 -6.07	23.63 1.18 -8.26	21.72 1.19 -6.35	21.14 1.15 -5.99	22.04 1.11 -6.88	24.47 1.40 -5.37	29.28 2.12 -2.83	29.90 2.34 -2.45	29.08 2.14 -6.18	27.28 2.10 -4.85	27.07 2.18 -4.89	25.49 2.12 -4.10	23.89 2.01 -3.31	23.81 2.01 -3.70	23.05 1.89 -3.86	22.89 1.84 -4.01	23.98 1.86 -5.19	30.66 2.28 -6.86	33.27 2.55 -6.91	28.90 2.24 -6.10	26.27 2.21 -3.93	24.41 2.17 -2.35	23.74 1.68 -5.12	21.94 1.56 -1.85
MODEL_CITY_ENERGY 24167	18.41 0.04 -0.90	15.60 0.18 -1.22	15.31 0.20 -0.94	15.18 0.29 -0.89	15.31 0.24 -1.02	18.53 0.04 -0.79	23.71 -1.05 -0.42	24.95 -0.53 -0.36	21.11 -0.56 -0.91	20.40 -0.65 -0.72	20.14 -0.58 -0.72	19.20 -0.68 -0.61	18.55 -0.52 -0.49	18.20 -0.45 -0.55	17.41 -0.47 -0.57	17.12 -0.51 -0.59	17.22 -0.47 -0.77	21.65 -0.88 -1.01	24.17 -0.67 -1.02	21.09 -0.37 -0.90	20.14 -0.56 -0.58	19.92 -0.32 -0.35	17.56 -0.14 -0.76	18.85 0.04 -0.27
MODERN_LFGE___ 323580	18.41 0.04 -0.90	15.60 0.18 -1.22	15.31 0.20 -0.94	15.18 0.29 -0.89	15.31 0.24 -1.02	18.53 0.04 -0.79	23.71 -1.05 -0.42	24.95 -0.53 -0.36	21.11 -0.56 -0.91	20.40 -0.65 -0.72	20.14 -0.58 -0.72	19.20 -0.68 -0.61	18.55 -0.52 -0.49	18.20 -0.45 -0.55	17.41 -0.47 -0.57	17.12 -0.51 -0.59	17.22 -0.47 -0.77	21.65 -0.88 -1.01	24.17 -0.67 -1.02	21.09 -0.37 -0.90	20.14 -0.56 -0.58	19.92 -0.32 -0.35	17.56 -0.14 -0.76	18.85 0.04 -0.27
MOHAWK_PAPER___DRP 24187	26.67 1.29 -7.90	26.01 1.07 -10.75	23.51 1.06 -8.27	22.86 1.06 -7.80	24.09 1.08 -8.96	26.02 1.33 -6.99	29.95 1.92 -3.69	30.12 1.81 -3.20	30.36 1.54 -8.06	28.17 1.51 -6.32	27.80 1.42 -6.38	25.99 1.37 -5.35	24.21 1.32 -4.32	24.21 1.29 -4.82	23.56 1.23 -5.03	23.48 1.21 -5.23	24.87 1.17 -6.77	31.96 1.48 -8.96	34.52 1.72 -9.00	29.98 1.48 -7.95	26.65 1.41 -5.12	24.40 1.45 -3.06	25.03 1.42 -6.66	22.37 1.43 -2.41



MONGAUP___HYD 23641	24.75 1.68 -5.59	23.20 1.39 -7.61	21.42 1.39 -5.85	20.88 1.36 -5.52	21.71 1.32 -6.34	24.29 1.65 -4.95	29.06 2.12 -2.60	29.78 2.41 -2.26	28.44 1.99 -5.69	26.78 1.97 -4.46	26.60 2.10 -4.50	25.00 1.95 -3.78	23.54 1.91 -3.05	23.50 1.99 -3.40	22.73 1.87 -3.55	22.59 1.86 -3.69	23.57 1.86 -4.78	30.10 2.26 -6.32	32.39 2.21 -6.36	28.42 2.24 -5.62	25.92 2.17 -3.62	24.24 2.19 -2.16	23.37 1.71 -4.71	21.80 1.56 -1.70
MONTAUK___DIESEL 23721	27.60 4.02 -6.10	25.74 3.24 -8.31	23.81 3.25 -6.39	23.12 3.09 -6.02	23.93 2.95 -6.93	27.17 4.07 -5.40	33.64 6.13 -3.17	36.65 6.78 -4.76	33.49 5.64 -7.09	31.01 5.33 -5.34	30.75 5.22 -5.53	29.88 4.93 -5.68	27.92 4.70 -4.64	28.27 4.49 -5.67	26.75 4.31 -5.14	26.99 4.29 -5.66	27.87 4.35 -6.58	35.47 5.98 -7.98	37.98 6.79 -7.38	34.46 5.84 -8.07	31.55 5.53 -5.89	29.27 5.49 -3.89	26.75 4.36 -5.45	24.43 4.04 -1.85
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.28 1.69 -6.11	23.86 1.35 -8.31	21.91 1.35 -6.39	21.32 1.29 -6.03	22.23 1.25 -6.93	24.70 1.59 -5.40	29.54 2.36 -2.84	30.22 2.64 -2.47	29.38 2.41 -6.22	27.62 2.38 -4.90	27.40 2.46 -4.94	25.85 2.39 -4.19	24.34 2.28 -3.47	24.13 2.28 -3.74	23.47 2.15 -4.02	23.17 2.08 -4.05	24.29 2.12 -5.24	30.98 2.56 -6.91	33.60 2.83 -6.95	29.21 2.51 -6.14	26.58 2.49 -3.96	24.71 2.45 -2.37	24.02 1.91 -5.16	22.19 1.80 -1.86
MUNSVILLE_WIND_PWR 323609	21.40 2.03 -1.90	18.46 1.67 -2.59	17.79 1.63 -1.99	17.46 1.58 -1.88	17.85 1.64 -2.16	21.43 2.05 -1.68	28.75 3.53 -0.89	29.32 3.44 -0.77	25.23 2.53 -1.94	24.49 2.62 -1.52	23.91 2.38 -1.53	22.89 2.33 -1.29	21.68 2.06 -1.04	21.18 1.92 -1.16	20.33 1.82 -1.21	20.03 1.74 -1.26	20.39 1.83 -1.63	26.36 2.69 -2.15	29.29 3.31 -2.16	25.06 2.59 -1.91	23.87 2.52 -1.23	23.09 2.47 -0.74	20.55 2.00 -1.60	21.19 2.08 -0.58
N SALMON___HYD 24042	16.62 -0.86 0.00	13.40 -0.79 0.00	13.38 -0.79 0.00	13.17 -0.83 0.00	13.22 -0.83 0.00	16.46 -1.24 0.00	22.88 -1.46 0.00	18.50 -1.66 4.96	12.14 -1.43 7.19	10.21 -1.40 8.72	10.17 -1.42 8.40	10.17 -1.35 7.75	10.09 -1.36 7.13	10.09 -1.34 6.68	10.15 -1.25 5.90	14.63 -1.21 1.20	15.78 -1.15 0.00	20.27 -1.25 0.00	22.24 -1.57 0.00	19.08 -1.48 0.00	18.82 -1.31 0.00	18.50 -1.39 0.00	15.66 -1.29 0.00	17.14 -1.39 0.00
N.E_GEN_SANDY PD 24062	26.01 1.36 -7.17	25.09 1.14 -9.76	22.80 1.12 -7.51	22.20 1.12 -7.08	23.31 1.12 -8.13	25.46 1.42 -6.34	29.77 2.09 -3.34	30.30 2.28 -2.90	30.00 1.93 -7.31	27.94 1.87 -5.73	27.64 1.86 -5.79	25.88 1.75 -4.86	24.20 1.71 -3.91	24.14 1.66 -4.37	23.46 1.59 -4.56	23.35 1.57 -4.74	24.66 1.59 -6.14	31.64 2.00 -8.12	34.19 2.21 -8.16	29.70 1.93 -7.21	26.66 1.89 -4.64	24.52 1.85 -2.77	24.50 1.51 -6.05	22.28 1.56 -2.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.81 1.43 -5.90	23.36 1.14 -8.02	21.49 1.15 -6.17	20.93 1.11 -5.82	21.81 1.07 -6.69	24.28 1.36 -5.22	29.10 2.02 -2.75	29.76 2.26 -2.38	28.82 2.06 -6.00	27.06 2.01 -4.71	26.85 2.10 -4.75	25.28 2.02 -3.99	23.72 1.93 -3.21	23.64 1.94 -3.59	22.88 1.83 -3.75	22.70 1.77 -3.89	23.76 1.79 -5.04	30.38 2.20 -6.67	32.98 2.45 -6.71	28.64 2.16 -5.93	26.10 2.15 -3.82	24.26 2.09 -2.28	23.53 1.61 -4.97	21.81 1.48 -1.80
NARROWS_GT1_1 24228	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT1_2 24229	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT1_3 24230	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT1_4 24231	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT1_5 24232	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT1_6 24233	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT1_7 24234	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT1_8 24235	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87



NARROWS_GT2_1 24236	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT2_2 24237	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT2_3 24238	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT2_4 24239	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT2_5 24240	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT2_6 24241	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT2_7 24242	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NARROWS_GT2_8 24243	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.92 1.75 -6.70	24.76 1.45 -9.11	22.64 1.46 -7.01	22.04 1.43 -6.61	23.06 1.42 -7.59	25.36 1.74 -5.92	29.81 2.36 -3.11	30.35 2.54 -2.70	29.62 2.06 -6.81	27.63 1.95 -5.34	27.43 2.04 -5.39	25.59 1.79 -4.52	24.01 1.78 -3.65	24.03 1.85 -4.07	23.29 1.73 -4.25	23.19 1.74 -4.42	24.38 1.73 -5.72	31.38 2.30 -7.57	34.08 2.64 -7.62	29.49 2.20 -6.73	26.55 2.09 -4.34	24.55 2.07 -2.59	24.35 1.76 -5.65	22.22 1.65 -2.04
NEG CAPITAL___MECHNVIL 23645	27.24 1.48 -8.28	26.68 1.22 -11.26	24.06 1.22 -8.66	23.40 1.23 -8.17	24.73 1.29 -9.39	26.56 1.54 -7.32	30.58 2.36 -3.88	30.94 2.46 -3.37	31.24 1.99 -8.49	28.93 1.93 -6.65	28.51 1.80 -6.71	26.60 1.70 -5.64	24.77 1.65 -4.54	24.78 1.59 -5.07	24.14 1.54 -5.29	24.07 1.53 -5.50	25.60 1.54 -7.13	32.95 2.00 -9.43	35.57 2.33 -9.42	30.85 1.97 -8.32	27.36 1.87 -5.36	24.92 1.83 -3.20	25.55 1.63 -6.98	22.85 1.80 -2.52
NEG CENTRAL_HIGH_ACRES 23767	17.98 -0.21 -0.71	15.04 -0.13 -0.97	14.80 -0.11 -0.74	14.62 -0.08 -0.70	14.77 -0.08 -0.81	18.21 -0.12 -0.63	24.28 -0.39 -0.33	25.22 -0.17 -0.29	21.11 -0.37 -0.72	20.48 -0.43 -0.57	20.15 -0.42 -0.57	19.33 -0.42 -0.48	18.63 -0.33 -0.39	18.14 -0.40 -0.43	17.36 -0.40 -0.45	17.10 -0.41 -0.47	17.15 -0.39 -0.61	21.78 -0.54 -0.80	24.22 -0.40 -0.81	20.98 -0.29 -0.71	20.18 -0.40 -0.46	19.81 -0.36 -0.27	17.29 -0.25 -0.60	18.58 -0.17 -0.22
NEG CENTRAL___DRP 24199	18.84 0.58 -0.79	15.77 0.50 -1.08	15.48 0.48 -0.83	15.27 0.49 -0.78	15.47 0.52 -0.90	19.04 0.64 -0.70	25.56 0.85 -0.37	26.13 0.70 -0.32	22.06 0.50 -0.80	21.44 0.47 -0.63	21.07 0.44 -0.64	20.17 0.37 -0.53	19.40 0.39 -0.43	18.97 0.38 -0.48	18.13 0.33 -0.50	17.85 0.29 -0.52	17.91 0.31 -0.68	22.80 0.39 -0.89	25.33 0.62 -0.90	21.91 0.56 -0.79	21.08 0.44 -0.51	20.66 0.46 -0.31	17.98 0.37 -0.67	19.24 0.46 -0.24
NEG CENTRAL___INDECK 23768	19.35 0.82 -1.05	16.35 0.72 -1.43	16.00 0.72 -1.10	15.79 0.76 -1.04	16.01 0.77 -1.19	19.60 0.97 -0.93	26.04 1.22 -0.49	27.27 1.73 -0.42	22.90 1.08 -1.07	22.14 0.96 -0.84	21.76 0.92 -0.85	20.81 0.83 -0.71	20.06 0.91 -0.57	19.54 0.80 -0.64	18.68 0.71 -0.67	18.39 0.66 -0.69	18.56 0.73 -0.90	23.61 0.90 -1.19	26.34 1.33 -1.19	22.82 1.21 -1.06	21.81 1.01 -0.68	21.33 1.03 -0.41	18.73 0.90 -0.88	19.97 1.11 -0.32
NEG CENTRAL___SENECA 23627	19.00 0.65 -0.88	15.96 0.57 -1.20	15.66 0.57 -0.92	15.44 0.57 -0.87	15.64 0.59 -1.00	19.20 0.73 -0.78	25.72 0.97 -0.41	26.57 1.10 -0.36	22.46 0.81 -0.90	21.77 0.73 -0.70	21.40 0.70 -0.71	20.46 0.60 -0.59	19.67 0.61 -0.48	19.26 0.62 -0.54	18.40 0.54 -0.56	18.11 0.49 -0.58	18.21 0.53 -0.75	23.16 0.64 -1.00	25.79 0.98 -1.00	22.30 0.86 -0.88	21.42 0.72 -0.57	20.97 0.74 -0.34	18.30 0.61 -0.74	19.51 0.70 -0.27
NEG CENTRAL___STATE_STREET 24147	18.98 0.73 -0.77	15.84 0.60 -1.05	15.58 0.60 -0.81	15.35 0.59 -0.76	15.53 0.60 -0.87	19.14 0.76 -0.68	25.74 1.05 -0.36	26.15 0.73 -0.31	22.08 0.54 -0.78	21.47 0.51 -0.62	21.10 0.48 -0.62	20.24 0.44 -0.52	19.44 0.45 -0.42	19.01 0.43 -0.47	18.17 0.38 -0.49	17.90 0.36 -0.51	17.96 0.37 -0.66	22.88 0.50 -0.87	25.40 0.71 -0.88	21.95 0.62 -0.78	21.15 0.52 -0.50	20.69 0.50 -0.30	18.02 0.42 -0.65	19.29 0.52 -0.23



NEG MILLWOOD___DRP 24198	25.56 1.76 -6.32	24.24 1.45 -8.59	22.23 1.45 -6.61	21.65 1.41 -6.23	22.55 1.34 -7.16	24.93 1.65 -5.59	29.76 2.48 -2.94	30.38 2.71 -2.55	29.57 2.39 -6.43	27.74 2.36 -5.04	27.56 2.48 -5.09	25.87 2.33 -4.27	24.17 2.15 -3.44	24.16 2.21 -3.84	23.36 2.04 -4.01	23.18 1.98 -4.17	24.34 2.01 -5.40	31.26 2.60 -7.14	33.98 3.02 -7.14	29.47 2.61 -6.31	26.72 2.54 -4.06	24.76 2.45 -2.43	24.11 1.88 -5.29	22.20 1.74 -1.92
NEG NORTH_FLCN_SEA 23793	16.93 -0.54 0.00	13.67 -0.52 0.00	13.66 -0.51 0.00	13.44 -0.56 0.00	13.49 -0.56 0.00	16.82 -0.88 0.00	23.22 -1.12 0.00	19.84 -1.28 3.99	13.83 -1.14 5.79	12.18 -1.14 7.02	12.09 -1.14 6.77	11.93 -1.10 6.25	11.74 -1.10 5.74	11.64 -1.09 5.38	11.55 -1.00 4.75	15.10 -0.97 0.97	15.98 -0.95 0.00	20.48 -1.03 0.00	22.48 -1.33 0.00	19.32 -1.23 0.00	19.04 -1.09 0.00	18.74 -1.15 0.00	15.91 -1.03 0.00	17.44 -1.09 0.00
NEG NORTH_KES_CHATEGAY 23792	16.69 -0.79 0.00	13.49 -0.71 0.00	13.47 -0.71 0.00	13.26 -0.74 0.00	13.29 -0.76 0.00	16.59 -1.11 0.00	22.90 -1.44 0.00	19.26 -1.61 4.25	13.21 -1.39 6.16	11.48 -1.38 7.48	11.41 -1.38 7.21	11.31 -1.31 6.65	11.14 -1.32 6.12	11.09 -1.29 5.73	11.05 -1.19 5.06	14.85 -1.16 1.03	15.78 -1.15 0.00	20.20 -1.31 0.00	22.19 -1.62 0.00	19.08 -1.48 0.00	18.78 -1.35 0.00	18.50 -1.39 0.00	15.73 -1.22 0.00	17.24 -1.30 0.00
NEG NORTH___ALICE_FALLS 23915	16.92 -0.56 0.00	13.64 -0.55 0.00	13.62 -0.55 0.00	13.41 -0.59 0.00	13.46 -0.59 0.00	16.74 -0.96 0.00	23.14 -1.19 0.00	19.75 -1.33 4.03	13.71 -1.20 5.85	12.04 -1.20 7.10	11.96 -1.20 6.84	11.81 -1.16 6.31	11.62 -1.15 5.80	11.53 -1.14 5.44	11.45 -1.06 4.80	15.05 -1.01 0.98	15.97 -0.96 0.00	20.48 -1.03 0.00	22.48 -1.33 0.00	19.30 -1.25 0.00	19.02 -1.11 0.00	18.72 -1.17 0.00	15.86 -1.08 0.00	17.39 -1.15 0.00
NEG NORTH___LWR_SARANAC 23913	16.92 -0.56 0.00	13.64 -0.55 0.00	13.62 -0.55 0.00	13.41 -0.59 0.00	13.46 -0.59 0.00	16.74 -0.96 0.00	23.14 -1.19 0.00	19.75 -1.33 4.03	13.71 -1.20 5.85	12.04 -1.20 7.10	11.96 -1.20 6.84	11.81 -1.16 6.31	11.62 -1.15 5.80	11.53 -1.14 5.44	11.45 -1.06 4.80	15.05 -1.01 0.98	15.97 -0.96 0.00	20.48 -1.03 0.00	22.48 -1.33 0.00	19.30 -1.25 0.00	19.02 -1.11 0.00	18.72 -1.17 0.00	15.86 -1.08 0.00	17.39 -1.15 0.00
NEG NORTH___PLATTSBURG 23628	16.92 -0.56 0.00	13.64 -0.55 0.00	13.62 -0.55 0.00	13.41 -0.59 0.00	13.46 -0.59 0.00	16.74 -0.96 0.00	23.14 -1.19 0.00	19.75 -1.33 4.03	13.71 -1.20 5.85	12.04 -1.20 7.10	11.96 -1.20 6.84	11.81 -1.16 6.31	11.62 -1.15 5.80	11.53 -1.14 5.44	11.45 -1.06 4.80	15.05 -1.01 0.98	15.97 -0.96 0.00	20.48 -1.03 0.00	22.48 -1.33 0.00	19.30 -1.25 0.00	19.02 -1.11 0.00	18.72 -1.17 0.00	15.86 -1.08 0.00	17.39 -1.15 0.00
NEG WEST_LEA_LOCKPORT 23791	18.52 0.16 -0.89	15.68 0.27 -1.21	15.39 0.28 -0.93	15.24 0.36 -0.88	15.38 0.32 -1.01	18.65 0.16 -0.79	24.12 -0.63 -0.41	25.37 -0.10 -0.36	21.45 -0.21 -0.90	20.72 -0.33 -0.71	20.45 -0.26 -0.72	19.50 -0.37 -0.60	18.86 -0.20 -0.48	18.49 -0.16 -0.54	17.68 -0.19 -0.56	17.39 -0.24 -0.59	17.49 -0.20 -0.76	21.98 -0.54 -1.01	24.59 -0.24 -1.01	21.43 -0.02 -0.89	20.48 -0.22 -0.58	20.26 0.02 -0.34	17.83 0.13 -0.75	19.05 0.24 -0.27
NEG WEST___LANCASTR 23811	18.98 0.54 -0.96	16.07 0.57 -1.31	15.76 0.58 -1.01	15.61 0.66 -0.95	15.76 0.62 -1.09	19.10 0.55 -0.85	25.05 0.27 -0.45	26.48 0.98 -0.39	22.44 0.71 -0.98	21.68 0.57 -0.77	21.37 0.60 -0.77	20.36 0.44 -0.65	19.66 0.56 -0.52	19.31 0.62 -0.59	18.45 0.54 -0.61	18.15 0.48 -0.63	18.28 0.53 -0.82	23.03 0.43 -1.09	25.83 0.93 -1.09	22.47 0.95 -0.97	21.43 0.68 -0.62	21.16 0.90 -0.37	18.59 0.83 -0.81	19.64 0.81 -0.29
NEG_PENN_ALLEGHNY 23528	20.34 0.86 -2.01	17.63 0.71 -2.73	16.98 0.71 -2.10	16.69 0.71 -1.98	17.03 0.70 -2.27	20.32 0.85 -1.77	26.46 1.19 -0.93	27.28 1.36 -0.81	23.94 1.14 -2.04	23.04 1.10 -1.60	22.67 1.06 -1.62	21.59 0.96 -1.36	20.62 0.95 -1.09	20.29 0.96 -1.22	19.48 0.90 -1.27	19.20 0.83 -1.32	19.51 0.86 -1.71	24.84 1.05 -2.27	27.43 1.33 -2.28	23.74 1.17 -2.02	22.51 1.09 -1.30	21.76 1.09 -0.78	19.52 0.88 -1.69	20.09 0.94 -0.61
NEG___GEN_MONROE 24207	18.41 0.19 -0.74	15.43 0.23 -1.01	15.19 0.24 -0.78	15.03 0.29 -0.73	15.19 0.30 -0.84	18.69 0.34 -0.66	24.71 0.02 -0.35	25.81 0.40 -0.30	21.55 0.04 -0.76	20.87 -0.06 -0.59	20.55 -0.04 -0.60	19.70 -0.08 -0.50	19.02 0.04 -0.40	18.52 -0.04 -0.45	17.69 -0.09 -0.47	17.41 -0.12 -0.49	17.48 -0.08 -0.63	22.14 -0.22 -0.84	24.68 0.02 -0.84	21.41 0.10 -0.75	20.54 -0.06 -0.48	20.18 0.00 -0.29	17.64 0.07 -0.63	19.00 0.24 -0.23
NEPA___ENERGY 23901	18.86 0.40 -0.98	16.00 0.47 -1.34	15.69 0.48 -1.03	15.53 0.56 -0.97	15.69 0.52 -1.11	18.99 0.42 -0.87	24.94 0.15 -0.46	26.34 0.83 -0.40	22.34 0.58 -1.00	21.57 0.45 -0.78	21.27 0.48 -0.79	20.26 0.33 -0.66	19.54 0.43 -0.54	19.21 0.51 -0.60	18.34 0.41 -0.62	18.04 0.36 -0.65	18.18 0.41 -0.84	22.91 0.28 -1.11	25.69 0.76 -1.12	22.37 0.82 -0.99	21.34 0.58 -0.64	21.11 0.84 -0.38	18.55 0.78 -0.83	19.63 0.80 -0.30
NEVERSINK___HYD 23608	24.54 1.54 -5.52	22.96 1.25 -7.51	21.20 1.25 -5.78	20.65 1.20 -5.45	21.49 1.18 -6.26	24.05 1.47 -4.88	29.05 2.14 -2.57	29.73 2.39 -2.23	28.43 2.06 -5.62	26.74 1.99 -4.41	26.52 2.08 -4.45	24.93 1.93 -3.73	23.44 1.86 -3.01	23.35 1.88 -3.36	22.58 1.77 -3.51	22.42 1.74 -3.64	23.41 1.76 -4.72	29.99 2.24 -6.24	32.64 2.55 -6.28	28.28 2.18 -5.55	25.83 2.13 -3.57	24.12 2.09 -2.14	23.23 1.63 -4.65	21.72 1.50 -1.68
NEWTON___FALLS_HYD 23847	16.57 -0.91 0.00	13.43 -0.77 0.00	13.39 -0.78 0.00	13.20 -0.80 0.00	13.28 -0.77 0.00	16.71 -0.99 0.00	23.34 -1.00 0.00	13.02 -1.18 10.91	3.79 -1.14 15.82	0.16 -0.98 19.21	0.39 -1.10 18.51	1.21 -0.98 17.08	1.85 -1.02 15.71	2.33 -1.07 14.71	3.28 -1.02 13.00	13.35 -1.04 2.65	15.91 -1.02 0.00	20.48 -1.03 0.00	22.69 -1.12 0.00	19.41 -1.15 0.00	19.04 -1.09 0.00	18.76 -1.13 0.00	15.95 -1.00 0.00	17.42 -1.11 0.00
NIAGARA_115E_LBMP 323715	18.35 -0.03 -0.91	15.56 0.13 -1.23	15.26 0.14 -0.95	15.13 0.24 -0.89	15.26 0.18 -1.03	18.45 -0.05 -0.80	23.49 -1.27 -0.42	24.70 -0.78 -0.37	20.93 -0.75 -0.92	20.23 -0.83 -0.72	19.96 -0.76 -0.73	19.03 -0.85 -0.61	18.38 -0.69 -0.49	18.06 -0.60 -0.55	17.26 -0.62 -0.57	16.99 -0.65 -0.60	17.09 -0.61 -0.77	21.44 -1.10 -1.02	23.96 -0.88 -1.03	20.91 -0.55 -0.91	19.97 -0.74 -0.59	19.76 -0.48 -0.35	17.44 -0.27 -0.76	18.72 -0.09 -0.28
NIAGARA_115W_LBMP 323714	17.95 -0.44 -0.91	15.20 -0.23 -1.23	14.97 -0.16 -0.95	14.82 -0.07 -0.89	14.96 -0.11 -1.03	18.04 -0.46 -0.80	23.44 -1.31 -0.42	24.60 -0.88 -0.37	20.89 -0.79 -0.92	20.19 -0.87 -0.72	19.92 -0.80 -0.73	19.00 -0.89 -0.61	18.35 -0.72 -0.49	18.02 -0.63 -0.55	17.24 -0.64 -0.58	16.97 -0.66 -0.60	17.06 -0.64 -0.77	21.40 -1.14 -1.02	23.87 -0.98 -1.03	20.85 -0.62 -0.91	19.92 -0.79 -0.59	19.73 -0.52 -0.35	17.42 -0.29 -0.76	18.46 -0.35 -0.28



NIAGARA_230_LBMP 323716	18.22 -0.16 -0.90	15.42 0.00 -1.22	15.14 0.03 -0.94	15.00 0.11 -0.89	15.14 0.07 -1.02	18.33 -0.16 -0.79	23.83 -0.92 -0.42	24.97 -0.50 -0.36	21.19 -0.48 -0.91	20.49 -0.57 -0.72	20.22 -0.50 -0.72	19.28 -0.60 -0.61	18.62 -0.45 -0.49	18.29 -0.36 -0.55	17.48 -0.40 -0.57	17.20 -0.43 -0.59	17.31 -0.39 -0.77	21.69 -0.84 -1.02	24.19 -0.64 -1.02	21.13 -0.33 -0.90	20.20 -0.50 -0.58	20.00 -0.24 -0.35	17.63 -0.07 -0.76	18.75 -0.06 -0.27
NIAGARA____ 23760	17.98 -0.40 -0.91	15.22 -0.21 -1.23	14.98 -0.14 -0.95	14.82 -0.07 -0.89	14.98 -0.10 -1.03	18.09 -0.41 -0.80	23.52 -1.24 -0.42	24.75 -0.73 -0.36	20.99 -0.68 -0.92	20.29 -0.77 -0.72	20.00 -0.72 -0.73	19.05 -0.83 -0.61	18.42 -0.65 -0.49	18.10 -0.56 -0.55	17.29 -0.59 -0.57	17.00 -0.63 -0.60	17.13 -0.58 -0.77	21.50 -1.03 -1.02	24.01 -0.83 -1.03	20.95 -0.51 -0.91	20.00 -0.70 -0.58	19.79 -0.46 -0.35	17.42 -0.29 -0.76	18.57 -0.24 -0.28
NINE_MILE_1 23575	17.58 -0.28 -0.38	14.50 -0.21 -0.52	14.36 -0.21 -0.40	14.17 -0.21 -0.38	14.29 -0.20 -0.43	17.77 -0.27 -0.34	23.93 -0.58 -0.18	24.66 -0.60 -0.15	20.63 -0.52 -0.39	20.14 -0.51 -0.31	19.78 -0.52 -0.31	19.03 -0.50 -0.26	18.32 -0.46 -0.21	17.89 -0.45 -0.23	17.10 -0.45 -0.24	16.85 -0.44 -0.25	16.82 -0.44 -0.33	21.37 -0.58 -0.43	23.65 -0.59 -0.44	20.45 -0.49 -0.38	19.87 -0.50 -0.25	19.54 -0.50 -0.15	16.88 -0.39 -0.32	18.34 -0.32 -0.12
NINE_MILE_2 23744	17.58 -0.28 -0.38	14.50 -0.21 -0.52	14.36 -0.21 -0.40	14.17 -0.21 -0.38	14.29 -0.20 -0.43	17.77 -0.27 -0.34	23.93 -0.58 -0.18	24.66 -0.60 -0.15	20.63 -0.52 -0.39	20.14 -0.51 -0.30	19.78 -0.52 -0.31	19.03 -0.50 -0.26	18.32 -0.46 -0.21	17.89 -0.45 -0.23	17.10 -0.45 -0.24	16.85 -0.44 -0.25	16.82 -0.44 -0.33	21.37 -0.58 -0.43	23.65 -0.59 -0.43	20.45 -0.49 -0.38	19.87 -0.50 -0.25	19.54 -0.50 -0.15	16.88 -0.39 -0.32	18.34 -0.32 -0.12
NM_CAPITAL____DRP 24208	26.54 1.22 -7.84	25.87 1.01 -10.67	23.38 1.01 -8.20	22.74 1.01 -7.74	23.95 1.01 -8.89	25.89 1.26 -6.93	29.79 1.80 -3.65	29.87 1.58 -3.17	30.09 1.35 -7.99	27.92 1.32 -6.26	27.60 1.28 -6.32	25.81 1.23 -5.30	24.04 1.19 -4.28	24.04 1.16 -4.78	23.40 1.11 -4.98	23.31 1.09 -5.18	24.67 1.03 -6.71	31.70 1.31 -8.87	34.24 1.50 -8.92	29.73 1.30 -7.88	26.45 1.25 -5.07	24.24 1.31 -3.03	24.89 1.34 -6.61	22.27 1.35 -2.39
NM_CENTRAL____DRP 24181	18.19 0.19 -0.53	15.08 0.17 -0.72	14.88 0.16 -0.55	14.69 0.17 -0.52	14.82 0.17 -0.60	18.38 0.21 -0.47	24.73 0.15 -0.25	25.48 0.15 -0.21	21.40 0.10 -0.54	20.86 0.10 -0.42	20.50 0.08 -0.42	19.70 0.08 -0.36	18.94 0.07 -0.29	18.50 0.07 -0.32	17.69 0.05 -0.33	17.44 0.05 -0.35	17.43 0.05 -0.45	22.15 0.04 -0.60	24.58 0.17 -0.60	21.23 0.14 -0.53	20.57 0.10 -0.34	20.20 0.10 -0.20	17.47 0.09 -0.44	18.86 0.17 -0.16
NM_FRONTIER____DRP 24179	17.95 -0.44 -0.91	15.20 -0.23 -1.23	14.97 -0.16 -0.95	14.82 -0.07 -0.89	14.96 -0.11 -1.03	18.04 -0.46 -0.80	23.44 -1.31 -0.42	24.60 -0.88 -0.37	20.89 -0.79 -0.92	20.19 -0.87 -0.72	19.92 -0.80 -0.73	19.00 -0.89 -0.61	18.35 -0.72 -0.49	18.02 -0.63 -0.55	17.24 -0.64 -0.58	16.97 -0.66 -0.60	17.06 -0.64 -0.77	21.40 -1.14 -1.02	23.87 -0.98 -1.03	20.85 -0.62 -0.91	19.92 -0.79 -0.59	19.73 -0.52 -0.35	17.42 -0.29 -0.76	18.46 -0.35 -0.28
NM_ST_REGIS____HYD 24053	16.06 -1.41 0.00	12.99 -1.21 0.00	12.97 -1.20 0.00	12.77 -1.23 0.00	12.84 -1.21 0.00	16.07 -1.63 0.00	22.41 -1.92 0.00	16.36 -2.13 6.62	9.30 -1.87 9.59	6.95 -1.75 11.64	7.00 -1.78 11.22	7.24 -1.68 10.35	7.38 -1.67 9.52	7.52 -1.67 8.92	7.83 -1.59 7.88	13.87 -1.57 1.60	15.39 -1.54 0.00	19.79 -1.72 0.00	21.76 -2.05 0.00	18.62 -1.93 0.00	18.33 -1.79 0.00	18.04 -1.85 0.00	15.32 -1.63 0.00	16.74 -1.80 0.00
NORTHPORT____1 23551	25.75 2.17 -6.10	24.19 1.69 -8.31	22.25 1.69 -6.39	21.58 1.55 -6.02	22.47 1.49 -6.93	25.22 2.12 -5.40	30.70 3.24 -3.13	33.39 3.56 -4.72	30.95 3.15 -7.04	28.59 2.97 -5.28	28.48 3.00 -5.49	27.73 2.83 -5.63	25.92 2.75 -4.59	26.41 2.68 -5.62	24.95 2.56 -5.09	25.16 2.52 -5.60	26.02 2.56 -6.53	32.66 3.21 -7.94	34.73 3.57 -7.34	31.67 3.08 -8.03	28.98 3.02 -5.84	26.74 3.02 -3.83	24.81 2.46 -5.41	22.69 2.30 -1.85
NORTHPORT____2 23552	25.75 2.17 -6.10	24.19 1.69 -8.31	22.25 1.69 -6.39	21.58 1.55 -6.02	22.47 1.49 -6.93	25.22 2.12 -5.40	30.70 3.24 -3.13	33.39 3.56 -4.72	30.95 3.15 -7.04	28.59 2.97 -5.28	28.48 3.00 -5.49	27.73 2.83 -5.63	25.92 2.75 -4.59	26.41 2.68 -5.62	24.95 2.56 -5.09	25.16 2.52 -5.60	26.02 2.56 -6.53	32.66 3.21 -7.94	34.73 3.57 -7.34	31.67 3.08 -8.03	28.98 3.02 -5.84	26.74 3.02 -3.83	24.81 2.46 -5.41	22.69 2.30 -1.85
NORTHPORT____3 23553	25.61 2.03 -6.10	24.06 1.56 -8.31	22.11 1.55 -6.39	21.45 1.43 -6.02	22.33 1.35 -6.93	25.03 1.93 -5.40	30.40 2.94 -3.12	33.05 3.24 -4.70	30.67 2.88 -7.03	28.42 2.81 -5.27	28.30 2.82 -5.49	27.57 2.68 -5.63	25.76 2.60 -4.58	26.28 2.55 -5.62	24.79 2.40 -5.08	24.99 2.35 -5.60	25.86 2.40 -6.53	32.16 2.71 -7.93	34.18 3.02 -7.34	31.31 2.73 -8.02	28.79 2.84 -5.83	26.56 2.84 -3.82	24.64 2.29 -5.41	22.56 2.17 -1.85
NORTHPORT____4 23650	25.61 2.03 -6.10	24.06 1.56 -8.31	22.11 1.55 -6.39	21.45 1.43 -6.02	22.33 1.35 -6.93	25.03 1.93 -5.40	30.40 2.94 -3.12	33.05 3.24 -4.70	30.67 2.88 -7.03	28.42 2.81 -5.27	28.30 2.82 -5.49	27.57 2.68 -5.63	25.76 2.60 -4.58	26.28 2.55 -5.62	24.79 2.40 -5.08	24.99 2.35 -5.60	25.86 2.40 -6.53	32.16 2.71 -7.93	34.18 3.02 -7.34	31.31 2.73 -8.02	28.79 2.84 -5.83	26.56 2.84 -3.82	24.64 2.29 -5.41	22.56 2.17 -1.85
NORTHPORT____IC 23718	25.75 2.17 -6.10	24.19 1.69 -8.31	22.25 1.69 -6.39	21.58 1.55 -6.02	22.47 1.49 -6.93	25.22 2.12 -5.40	30.70 3.24 -3.13	33.39 3.56 -4.72	30.95 3.15 -7.04	28.59 2.97 -5.28	28.48 3.00 -5.49	27.73 2.83 -5.63	25.92 2.75 -4.59	26.41 2.68 -5.62	24.95 2.56 -5.09	25.16 2.52 -5.60	26.02 2.56 -6.53	32.66 3.21 -7.94	34.73 3.57 -7.34	31.67 3.08 -8.03	28.98 3.02 -5.84	26.74 3.02 -3.83	24.81 2.46 -5.41	22.69 2.30 -1.85
NPX_GEN_1385_PROXY 323591	25.50 1.92 -6.10	23.99 1.49 -8.31	22.13 1.57 -6.39	21.38 1.36 -6.02	22.37 1.39 -6.93	25.08 1.98 -5.40	30.55 3.09 -3.13	33.22 3.39 -4.72	30.89 3.09 -7.04	28.20 2.58 -5.28	28.13 2.64 -5.49	27.40 2.50 -5.63	25.58 2.41 -4.59	26.10 2.37 -5.62	24.73 2.34 -5.09	24.92 2.28 -5.60	25.76 2.30 -6.53	32.51 3.05 -7.94	34.37 3.21 -7.34	31.32 2.73 -8.03	28.62 2.66 -5.84	26.37 2.65 -3.83	24.57 2.22 -5.41	22.43 2.04 -1.85
NPX_GEN_CSC 323557	25.96 2.38 -6.10	24.39 1.89 -8.31	22.50 1.94 -6.39	21.84 1.82 -6.02	22.69 1.71 -6.93	25.50 2.41 -5.40	31.20 3.70 -3.17	33.99 4.12 -4.76	31.39 3.55 -7.09	28.95 3.28 -5.34	28.80 3.28 -5.53	28.05 3.10 -5.68	26.19 2.97 -4.64	26.65 2.88 -5.67	25.22 2.79 -5.13	25.45 2.76 -5.65	26.29 2.78 -6.58	33.19 3.70 -7.97	35.29 4.10 -7.38	32.14 3.51 -8.07	29.33 3.32 -5.89	27.16 3.38 -3.89	25.16 2.76 -5.45	22.87 2.48 -1.85



NSINS_S_GLNS_FALLS 23858	27.01 1.33 -8.20	26.46 1.11 -11.16	23.86 1.11 -8.58	23.21 1.12 -8.09	24.53 1.18 -9.30	26.37 1.42 -7.25	30.35 2.17 -3.85	31.03 2.59 -3.33	31.23 2.10 -8.38	28.93 2.01 -6.57	28.51 1.88 -6.63	26.59 1.75 -5.57	24.81 1.75 -4.49	24.78 1.66 -5.01	24.16 1.63 -5.23	24.07 1.60 -5.44	25.60 1.61 -7.06	32.95 2.09 -9.35	35.57 2.45 -9.30	30.85 2.08 -8.22	27.37 1.95 -5.29	24.96 1.91 -3.16	25.51 1.68 -6.89	23.05 2.02 -2.50
NUCOR_STEEL____DRP 24197	18.91 0.70 -0.74	15.78 0.58 -1.00	15.51 0.57 -0.77	15.29 0.56 -0.73	15.46 0.58 -0.84	19.08 0.73 -0.65	25.63 0.95 -0.34	26.01 0.60 -0.30	21.94 0.44 -0.75	21.34 0.41 -0.59	20.97 0.38 -0.59	20.12 0.35 -0.50	19.33 0.35 -0.40	18.90 0.34 -0.45	18.07 0.29 -0.47	17.80 0.27 -0.49	17.85 0.29 -0.63	22.74 0.39 -0.84	25.22 0.57 -0.84	21.79 0.49 -0.74	21.02 0.42 -0.48	20.58 0.40 -0.29	17.92 0.36 -0.62	19.20 0.44 -0.22
NYISO_LBMP_REFERENCE 24008	17.48 0.00 0.00	14.20 0.00 0.00	14.17 0.00 0.00	14.00 0.00 0.00	14.05 0.00 0.00	17.70 0.00 0.00	24.34 0.00 0.00	25.11 0.00 0.00	20.76 0.00 0.00	20.34 0.00 0.00	20.00 0.00 0.00	19.27 0.00 0.00	18.58 0.00 0.00	18.11 0.00 0.00	17.30 0.00 0.00	17.04 0.00 0.00	16.93 0.00 0.00	21.51 0.00 0.00	23.81 0.00 0.00	20.56 0.00 0.00	20.12 0.00 0.00	19.89 0.00 0.00	16.95 0.00 0.00	18.53 0.00 0.00
NYPA_BRENTWD____GT 24164	25.96 2.38 -6.10	24.36 1.86 -8.31	22.40 1.84 -6.39	21.75 1.72 -6.02	22.62 1.64 -6.93	25.45 2.35 -5.40	30.78 3.19 -3.26	33.52 3.56 -4.85	31.08 3.13 -7.19	28.78 2.97 -5.47	28.59 2.98 -5.61	27.88 2.83 -5.78	26.04 2.71 -4.75	26.52 2.64 -5.77	25.07 2.53 -5.24	25.30 2.49 -5.77	26.14 2.52 -6.69	32.79 3.23 -8.05	34.89 3.62 -7.46	31.83 3.12 -8.15	29.16 3.04 -6.00	26.91 3.00 -4.01	24.87 2.39 -5.53	22.58 2.19 -1.86
NYPA_GOWANUS____GT5 24156	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NYPA_GOWANUS____GT6 24157	25.48 1.89 -6.12	23.99 1.48 -8.32	22.05 1.47 -6.40	21.43 1.40 -6.03	22.34 1.36 -6.92	24.80 1.70 -5.40	29.66 2.48 -2.84	30.37 2.79 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.96 2.50 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.30 2.21 -4.05	24.42 2.25 -5.24	31.20 2.78 -6.91	33.84 3.07 -6.95	29.41 2.71 -6.14	26.76 2.68 -3.96	24.87 2.61 -2.37	24.17 2.07 -5.16	22.39 1.98 -1.87
NYPA_HARLEM__RVR__GT1 24160	25.50 1.91 -6.12	24.03 1.52 -8.32	22.09 1.52 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.12 2.54 -2.47	29.33 2.37 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.86 2.43 -4.16	24.33 2.32 -3.43	24.15 2.32 -3.73	23.46 2.18 -3.97	23.21 2.13 -4.04	24.31 2.15 -5.23	30.91 2.49 -6.90	33.52 2.76 -6.94	29.14 2.45 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.10 2.00 -5.16	22.44 2.04 -1.87
NYPA_HARLEM__RVR__GT2 24161	25.50 1.91 -6.12	24.03 1.52 -8.32	22.09 1.52 -6.40	21.47 1.44 -6.03	22.38 1.40 -6.92	24.78 1.68 -5.40	29.57 2.39 -2.84	30.12 2.54 -2.47	29.33 2.37 -6.21	27.60 2.38 -4.88	27.38 2.46 -4.93	25.86 2.43 -4.16	24.33 2.32 -3.43	24.15 2.32 -3.73	23.46 2.18 -3.97	23.21 2.13 -4.04	24.31 2.15 -5.23	30.91 2.49 -6.90	33.52 2.76 -6.94	29.14 2.45 -6.13	26.54 2.45 -3.96	24.69 2.43 -2.37	24.10 2.00 -5.16	22.44 2.04 -1.87
NYPA_KENT____GT 24152	25.46 1.87 -6.12	23.98 1.46 -8.32	22.03 1.46 -6.40	21.41 1.39 -6.03	22.32 1.35 -6.92	24.78 1.68 -5.40	29.66 2.48 -2.84	30.34 2.76 -2.47	29.51 2.53 -6.22	27.74 2.50 -4.89	27.52 2.58 -4.94	25.94 2.49 -4.18	24.36 2.32 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.29 2.20 -4.05	24.40 2.23 -5.24	31.15 2.73 -6.91	33.79 3.02 -6.95	29.37 2.67 -6.14	26.72 2.64 -3.96	24.85 2.58 -2.37	24.14 2.03 -5.16	22.37 1.96 -1.87
NYPA_POUCH1____GT 24155	25.43 1.83 -6.12	23.95 1.43 -8.32	22.00 1.43 -6.40	21.39 1.36 -6.03	22.30 1.32 -6.92	24.73 1.63 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.42 2.45 -6.22	27.65 2.42 -4.89	27.43 2.50 -4.94	25.86 2.41 -4.18	24.28 2.23 -3.47	24.06 2.21 -3.74	23.38 2.08 -4.00	23.22 2.13 -4.05	24.34 2.17 -5.24	31.11 2.69 -6.91	33.77 3.00 -6.95	29.33 2.63 -6.14	26.68 2.60 -3.96	24.79 2.53 -2.37	24.10 2.00 -5.16	22.31 1.91 -1.87
NYPA_VERNON____GT2 24162	25.43 1.83 -6.12	23.96 1.45 -8.32	22.02 1.45 -6.40	21.41 1.39 -6.03	22.32 1.35 -6.92	24.78 1.68 -5.40	29.66 2.48 -2.84	30.34 2.76 -2.47	29.48 2.51 -6.22	27.72 2.48 -4.89	27.49 2.56 -4.94	25.94 2.49 -4.18	24.39 2.36 -3.46	24.20 2.35 -3.74	23.52 2.22 -4.00	23.29 2.20 -4.05	24.39 2.22 -5.24	31.13 2.71 -6.91	33.74 2.98 -6.95	29.33 2.63 -6.14	26.70 2.61 -3.96	24.81 2.55 -2.37	24.12 2.02 -5.16	22.33 1.93 -1.87
NYPA_VERNON____GT3 24163	25.43 1.83 -6.12	23.96 1.45 -8.32	22.02 1.45 -6.40	21.41 1.39 -6.03	22.32 1.35 -6.92	24.78 1.68 -5.40	29.66 2.48 -2.84	30.34 2.76 -2.47	29.48 2.51 -6.22	27.72 2.48 -4.89	27.49 2.56 -4.94	25.94 2.49 -4.18	24.39 2.36 -3.46	24.20 2.35 -3.74	23.52 2.22 -4.00	23.29 2.20 -4.05	24.39 2.22 -5.24	31.13 2.71 -6.91	33.74 2.98 -6.95	29.33 2.63 -6.14	26.70 2.61 -3.96	24.81 2.55 -2.37	24.12 2.02 -5.16	22.33 1.93 -1.87
NYPA__ASTORIA_CC1 323568	25.43 1.83 -6.12	23.96 1.45 -8.32	22.02 1.45 -6.40	21.40 1.37 -6.03	22.32 1.35 -6.92	24.76 1.66 -5.40	29.64 2.46 -2.84	30.29 2.71 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.92 2.47 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.25 2.16 -4.05	24.35 2.18 -5.24	31.11 2.69 -6.91	33.72 2.95 -6.95	29.31 2.61 -6.14	26.66 2.58 -3.96	24.79 2.53 -2.37	24.10 2.00 -5.16	22.33 1.93 -1.87
NYPA__ASTORIA_CC2 323569	25.43 1.83 -6.12	23.96 1.45 -8.32	22.02 1.45 -6.40	21.40 1.37 -6.03	22.32 1.35 -6.92	24.76 1.66 -5.40	29.64 2.46 -2.84	30.29 2.71 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.92 2.47 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.25 2.16 -4.05	24.35 2.18 -5.24	31.11 2.69 -6.91	33.72 2.95 -6.95	29.31 2.61 -6.14	26.66 2.58 -3.96	24.79 2.53 -2.37	24.10 2.00 -5.16	22.33 1.93 -1.87
NYPA__HOLTSVILL 23794	25.85 2.27 -6.10	24.31 1.80 -8.31	22.38 1.81 -6.39	21.72 1.69 -6.02	22.58 1.60 -6.93	25.35 2.25 -5.40	30.95 3.45 -3.16	33.71 3.84 -4.75	31.18 3.34 -7.08	28.82 3.15 -5.33	28.68 3.16 -5.52	27.93 2.99 -5.67	26.09 2.88 -4.63	26.58 2.81 -5.66	25.13 2.70 -5.13	25.34 2.66 -5.65	26.20 2.69 -6.57	32.95 3.46 -7.97	35.02 3.83 -7.38	31.95 3.33 -8.06	29.23 3.22 -5.88	26.99 3.22 -3.88	25.00 2.61 -5.44	22.80 2.41 -1.85



NYPY____HELLGATE_GT1 24158	25.50	24.03	22.09	21.47	22.38	24.78	29.57	30.12	29.33	27.60	27.38	25.86	24.33	24.15	23.46	23.21	24.31	30.91	33.52	29.14	26.54	24.69	24.10	22.44
	1.91	1.52	1.52	1.44	1.40	1.68	2.39	2.54	2.37	2.38	2.46	2.43	2.32	2.32	2.18	2.13	2.15	2.49	2.76	2.45	2.45	2.43	2.00	2.04
	-6.12	-8.32	-6.40	-6.03	-6.92	-5.40	-2.84	-2.47	-6.21	-4.88	-4.93	-4.16	-3.43	-3.73	-3.97	-4.04	-5.23	-6.90	-6.94	-6.13	-3.96	-2.37	-5.16	-1.87
NYPY____HELLGATE_GT2 24159	25.50	24.03	22.09	21.47	22.38	24.78	29.57	30.12	29.33	27.60	27.38	25.86	24.33	24.15	23.46	23.21	24.31	30.91	33.52	29.14	26.54	24.69	24.10	22.44
	1.91	1.52	1.52	1.44	1.40	1.68	2.39	2.54	2.37	2.38	2.46	2.43	2.32	2.32	2.18	2.13	2.15	2.49	2.76	2.45	2.45	2.43	2.00	2.04
	-6.12	-8.32	-6.40	-6.03	-6.92	-5.40	-2.84	-2.47	-6.21	-4.88	-4.93	-4.16	-3.43	-3.73	-3.97	-4.04	-5.23	-6.90	-6.94	-6.13	-3.96	-2.37	-5.16	-1.87
NYS_BARGE___HYD 23848	18.53	15.68	15.41	15.26	15.40	18.67	24.11	25.39	21.45	20.72	20.43	19.48	18.84	18.48	17.66	17.36	17.48	21.97	24.58	21.42	20.45	20.23	17.81	19.06
	0.17	0.28	0.31	0.39	0.35	0.20	-0.63	-0.08	-0.21	-0.33	-0.28	-0.39	-0.22	-0.16	-0.21	-0.26	-0.20	-0.54	-0.24	-0.02	-0.24	0.00	0.12	0.26
	-0.88	-1.20	-0.92	-0.87	-1.00	-0.78	-0.41	-0.36	-0.90	-0.70	-0.71	-0.60	-0.48	-0.54	-0.56	-0.58	-0.75	-1.00	-1.00	-0.89	-0.57	-0.34	-0.74	-0.27
O.H_GEN_BRUCE 24063	18.48	15.68	15.36	15.21	15.37	18.58	24.24	25.34	21.59	20.85	20.56	19.60	18.90	18.59	17.78	17.49	17.60	22.11	24.64	21.50	20.55	20.28	17.89	18.97
	0.00	0.13	0.14	0.22	0.18	0.00	-0.56	-0.17	-0.19	-0.28	-0.24	-0.35	-0.22	-0.13	-0.16	-0.20	-0.19	-0.54	-0.31	-0.06	-0.22	0.00	0.10	0.13
	-1.00	-1.36	-1.05	-0.99	-1.13	-0.88	-0.47	-0.40	-1.02	-0.80	-0.81	-0.68	-0.54	-0.61	-0.64	-0.66	-0.85	-1.13	-1.14	-1.00	-0.65	-0.39	-0.84	-0.30
OAK ORCHARD___HYD 24046	18.33	15.35	15.11	14.92	15.10	18.56	24.65	25.71	21.48	20.83	20.51	19.65	18.98	18.48	17.67	17.40	17.47	22.15	24.65	21.40	20.54	20.20	17.63	18.98
	0.12	0.16	0.17	0.20	0.21	0.21	-0.02	0.30	-0.02	-0.10	-0.08	-0.11	0.00	-0.07	-0.10	-0.12	-0.08	-0.19	0.00	0.10	-0.06	0.02	0.07	0.22
	-0.73	-1.00	-0.77	-0.73	-0.83	-0.65	-0.34	-0.30	-0.75	-0.59	-0.59	-0.50	-0.40	-0.45	-0.47	-0.49	-0.63	-0.83	-0.84	-0.74	-0.48	-0.28	-0.62	-0.22
OCC_CHEM___DRP 24175	18.01	15.26	15.02	14.88	15.01	18.11	23.54	24.73	21.00	20.29	20.01	19.09	18.44	18.12	17.33	17.04	17.15	21.49	23.99	20.95	20.03	19.81	17.49	18.55
	-0.37	-0.17	-0.10	-0.01	-0.07	-0.39	-1.22	-0.75	-0.68	-0.77	-0.72	-0.79	-0.63	-0.54	-0.55	-0.60	-0.56	-1.05	-0.86	-0.51	-0.68	-0.44	-0.22	-0.26
	-0.91	-1.23	-0.95	-0.89	-1.03	-0.80	-0.42	-0.37	-0.92	-0.72	-0.73	-0.61	-0.49	-0.55	-0.58	-0.60	-0.78	-1.03	-1.03	-0.91	-0.59	-0.35	-0.76	-0.28
OLIN_CORP_DRP 24177	18.37	15.56	15.28	15.14	15.27	18.47	23.62	24.83	21.04	20.34	20.07	19.13	18.48	18.15	17.35	17.08	17.18	21.56	24.08	21.02	20.09	19.87	17.53	18.77
	-0.02	0.13	0.16	0.24	0.18	-0.04	-1.14	-0.65	-0.64	-0.73	-0.66	-0.75	-0.60	-0.51	-0.54	-0.56	-0.52	-0.99	-0.76	-0.45	-0.62	-0.38	-0.19	-0.04
	-0.91	-1.24	-0.95	-0.90	-1.03	-0.80	-0.42	-0.37	-0.93	-0.73	-0.73	-0.62	-0.50	-0.55	-0.58	-0.60	-0.78	-1.03	-1.04	-0.91	-0.59	-0.35	-0.77	-0.28
OLIN_CORP_DSASP 323712	18.01	15.26	15.02	14.88	15.01	18.11	23.54	24.73	21.00	20.29	20.01	19.09	18.44	18.12	17.33	17.04	17.15	21.49	23.99	20.95	20.03	19.81	17.49	18.55
	-0.37	-0.17	-0.10	-0.01	-0.07	-0.39	-1.22	-0.75	-0.68	-0.77	-0.72	-0.79	-0.63	-0.54	-0.55	-0.60	-0.56	-1.05	-0.86	-0.51	-0.68	-0.44	-0.22	-0.26
	-0.91	-1.23	-0.95	-0.89	-1.03	-0.80	-0.42	-0.37	-0.92	-0.72	-0.73	-0.61	-0.49	-0.55	-0.58	-0.60	-0.78	-1.03	-1.03	-0.91	-0.59	-0.35	-0.76	-0.28
ONEIDA_HERK_LFGE 323681	17.89	14.54	14.50	14.31	14.39	18.12	25.21	27.49	23.57	23.73	23.17	22.26	21.27	20.59	19.52	17.71	17.23	22.10	24.57	21.07	20.65	20.39	17.35	18.94
	0.42	0.34	0.33	0.31	0.34	0.42	0.87	0.78	0.50	0.57	0.46	0.48	0.39	0.33	0.31	0.29	0.31	0.58	0.76	0.51	0.52	0.50	0.41	0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.60	-2.32	-2.82	-2.71	-2.50	-2.30	-2.16	-1.91	-0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	18.49	15.38	15.15	14.93	15.10	18.64	25.03	25.76	21.72	21.15	20.79	19.95	19.16	18.74	17.93	17.66	17.70	22.52	24.97	21.57	20.85	20.43	17.74	19.05
	0.35	0.28	0.28	0.28	0.30	0.35	0.39	0.38	0.29	0.28	0.26	0.23	0.22	0.23	0.21	0.19	0.20	0.26	0.40	0.35	0.30	0.28	0.24	0.31
	-0.66	-0.90	-0.69	-0.65	-0.75	-0.58	-0.31	-0.27	-0.67	-0.53	-0.53	-0.45	-0.36	-0.40	-0.42	-0.44	-0.57	-0.75	-0.75	-0.66	-0.43	-0.26	-0.56	-0.20
ONONDAGA___COGEN 23986	18.54	15.40	15.18	14.97	15.12	18.70	25.16	25.61	21.54	20.99	20.63	19.82	19.04	18.61	17.81	17.54	17.55	22.34	24.77	21.40	20.70	20.31	17.61	18.96
	0.45	0.37	0.37	0.36	0.38	0.46	0.53	0.25	0.17	0.16	0.14	0.14	0.13	0.13	0.12	0.10	0.10	0.13	0.26	0.23	0.18	0.18	0.15	0.24
	-0.61	-0.83	-0.64	-0.60	-0.69	-0.54	-0.28	-0.25	-0.62	-0.49	-0.49	-0.41	-0.33	-0.37	-0.39	-0.40	-0.52	-0.69	-0.69	-0.61	-0.39	-0.24	-0.51	-0.19
ONTARIO___LFGE 23819	19.00	15.96	15.66	15.44	15.64	19.20	25.72	26.57	22.46	21.77	21.40	20.46	19.67	19.26	18.40	18.11	18.21	23.16	25.79	22.30	21.42	20.97	18.30	19.51
	0.65	0.57	0.57	0.57	0.59	0.73	0.97	1.10	0.81	0.73	0.70	0.60	0.61	0.62	0.54	0.49	0.53	0.64	0.98	0.86	0.72	0.74	0.61	0.70
	-0.88	-1.20	-0.92	-0.87	-1.00	-0.78	-0.41	-0.36	-0.90	-0.70	-0.71	-0.59	-0.48	-0.54	-0.56	-0.58	-0.75	-1.00	-1.00	-0.88	-0.57	-0.34	-0.74	-0.27
ORANGEVILLE_WT_PWR 323706	18.97	16.13	15.77	15.60	15.78	19.09	25.00	26.19	22.34	21.57	21.27	20.25	19.53	19.20	18.35	18.06	18.20	22.96	25.64	22.33	21.30	20.96	18.49	19.52
	0.38	0.43	0.44	0.50	0.48	0.41	0.15	0.63	0.46	0.35	0.38	0.23	0.35	0.42	0.35	0.29	0.32	0.19	0.57	0.66	0.46	0.64	0.61	0.65
	-1.11	-1.50	-1.16	-1.09	-1.25	-0.98	-0.52	-0.45	-1.13	-0.88	-0.89	-0.75	-0.60	-0.67	-0.70	-0.73	-0.95	-1.25	-1.26	-1.11	-0.72	-0.43	-0.93	-0.34
OSWEGATCHIE___HYD 24044	16.57	13.43	13.39	13.20	13.28	16.71	23.34	13.02	3.79	0.16	0.39	1.21	1.85	2.33	3.28	13.35	15.91	20.48	22.69	19.41	19.04	18.76	15.95	17.42
	-0.91	-0.77	-0.78	-0.80	-0.77	-0.99	-1.00	-1.18	-1.14	-0.98	-1.10	-0.98	-1.02	-1.07	-1.02	-1.04	-1.02	-1.03	-1.12	-1.15	-1.09	-1.13	-1.00	-1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.91	15.82	19.21	18.51	17.08	15.71	14.71	13.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OSWEGO___5 23606	17.76	14.68	14.52	14.32	14.45	17.95	24.15	24.94	20.87	20.37	20.03	19.24	18.52	18.09	17.29	17.04	17.04	21.63	23.96	20.71	20.11	19.77	17.08	18.52
	-0.16	-0.11	-0.11	-0.11	-0.10	-0.14	-0.39	-0.35	-0.33	-0.33	-0.32	-0.33	-0.30	-0.29	-0.29	-0.29	-0.27	-0.39	-0.36	-0.29	-0.30	-0.30	-0.24	-0.15
	-0.44	-0.60	-0.46	-0.43	-0.50	-0.39	-0.21	-0.18	-0.45	-0.35	-0.35	-0.30	-0.24	-0.27	-0.28	-0.29	-0.38	-0.50	-0.50	-0.44	-0.29	-0.17	-0.37	-0.13



OSWEGO___6 23613	17.76 -0.16 -0.44	14.68 -0.11 -0.60	14.52 -0.11 -0.46	14.32 -0.11 -0.43	14.45 -0.10 -0.50	17.95 -0.14 -0.39	24.15 -0.39 -0.21	24.94 -0.35 -0.18	20.87 -0.33 -0.45	20.37 -0.33 -0.35	20.03 -0.32 -0.35	19.24 -0.33 -0.30	18.52 -0.30 -0.24	18.09 -0.29 -0.27	17.29 -0.29 -0.28	17.04 -0.29 -0.29	17.04 -0.27 -0.38	21.63 -0.39 -0.50	23.96 -0.36 -0.50	20.71 -0.29 -0.44	20.11 -0.30 -0.29	19.77 -0.30 -0.17	17.08 -0.24 -0.37	18.52 -0.15 -0.13
OUTOKUMPU-AB___DRP 24206	18.62 0.23 -0.92	15.76 0.31 -1.25	15.49 0.35 -0.96	15.34 0.43 -0.91	15.48 0.39 -1.04	18.72 0.21 -0.81	24.42 -0.34 -0.43	25.76 0.28 -0.37	21.82 0.13 -0.93	21.07 0.00 -0.73	20.77 0.04 -0.74	19.81 -0.08 -0.62	19.13 0.06 -0.50	18.79 0.13 -0.56	17.96 0.07 -0.58	17.66 0.02 -0.61	17.78 0.07 -0.78	22.36 -0.19 -1.04	25.05 0.19 -1.04	21.81 0.33 -0.92	20.82 0.10 -0.59	20.59 0.34 -0.35	18.12 0.41 -0.77	19.22 0.41 -0.28
OXBOW___ 24026	18.34 -0.05 -0.91	15.54 0.10 -1.24	15.27 0.14 -0.95	15.12 0.22 -0.90	15.27 0.18 -1.03	18.45 -0.05 -0.81	24.03 -0.73 -0.42	25.31 -0.17 -0.37	21.46 -0.23 -0.93	20.72 -0.35 -0.73	20.45 -0.28 -0.73	19.50 -0.39 -0.62	18.83 -0.24 -0.50	18.52 -0.15 -0.56	17.69 -0.19 -0.58	17.40 -0.24 -0.60	17.51 -0.20 -0.78	21.99 -0.56 -1.03	24.59 -0.26 -1.04	21.45 -0.02 -0.92	20.47 -0.24 -0.59	20.27 0.02 -0.35	17.85 0.13 -0.77	18.92 0.11 -0.28
OXY_CHEM_DSASP 323612	18.01 -0.37 -0.91	15.26 -0.17 -1.23	15.02 -0.10 -0.95	14.88 -0.01 -0.89	15.01 -0.07 -1.03	18.11 -0.39 -0.80	23.54 -1.22 -0.42	24.73 -0.75 -0.37	21.00 -0.68 -0.92	20.29 -0.77 -0.72	20.01 -0.72 -0.73	19.09 -0.79 -0.61	18.44 -0.63 -0.49	18.12 -0.54 -0.55	17.33 -0.55 -0.58	17.04 -0.60 -0.60	17.15 -0.56 -0.78	21.49 -1.05 -1.03	23.99 -0.86 -1.03	20.95 -0.51 -0.91	20.03 -0.68 -0.59	19.81 -0.44 -0.35	17.49 -0.22 -0.76	18.55 -0.26 -0.28
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.01 -0.37 -0.91	15.26 -0.17 -1.23	15.02 -0.10 -0.95	14.88 -0.01 -0.89	15.01 -0.07 -1.03	18.11 -0.39 -0.80	23.54 -1.22 -0.42	24.73 -0.75 -0.37	21.00 -0.68 -0.92	20.29 -0.77 -0.72	20.01 -0.72 -0.73	19.09 -0.79 -0.61	18.44 -0.63 -0.49	18.12 -0.54 -0.55	17.33 -0.55 -0.58	17.04 -0.60 -0.60	17.15 -0.56 -0.78	21.49 -1.05 -1.03	23.99 -0.86 -1.03	20.95 -0.51 -0.91	20.03 -0.68 -0.59	19.81 -0.44 -0.35	17.49 -0.22 -0.76	18.55 -0.26 -0.28
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.46 1.87 -6.12	24.00 1.49 -8.32	22.08 1.50 -6.40	21.44 1.41 -6.03	22.35 1.38 -6.92	24.76 1.66 -5.40	29.57 2.39 -2.84	30.19 2.61 -2.47	29.35 2.39 -6.21	27.58 2.36 -4.88	27.34 2.42 -4.93	25.79 2.35 -4.16	24.23 2.23 -3.43	24.06 2.23 -3.73	23.37 2.09 -3.97	23.16 2.08 -4.04	24.26 2.10 -5.23	30.99 2.58 -6.90	33.59 2.83 -6.94	29.22 2.53 -6.13	26.58 2.49 -3.96	24.69 2.43 -2.37	24.05 1.95 -5.16	22.39 1.98 -1.87
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.50 1.91 -6.12	24.02 1.50 -8.32	22.09 1.52 -6.40	21.46 1.43 -6.03	22.37 1.39 -6.92	24.78 1.68 -5.40	29.61 2.43 -2.84	30.22 2.64 -2.47	29.39 2.43 -6.21	27.62 2.40 -4.88	27.40 2.48 -4.93	25.82 2.39 -4.16	24.27 2.27 -3.43	24.10 2.26 -3.73	23.41 2.13 -3.97	23.19 2.11 -4.04	24.29 2.13 -5.23	31.04 2.62 -6.90	33.66 2.90 -6.94	29.26 2.57 -6.13	26.62 2.54 -3.96	24.73 2.47 -2.37	24.08 1.98 -5.16	22.40 2.00 -1.87
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.98 0.54 -0.96	16.08 0.58 -1.30	15.77 0.60 -1.00	15.62 0.67 -0.95	15.77 0.63 -1.09	19.11 0.57 -0.85	25.05 0.27 -0.45	26.48 0.98 -0.39	22.44 0.71 -0.97	21.67 0.57 -0.76	21.37 0.60 -0.77	20.36 0.44 -0.65	19.66 0.56 -0.52	19.32 0.63 -0.58	18.45 0.54 -0.61	18.15 0.48 -0.63	18.27 0.53 -0.82	23.03 0.43 -1.08	25.86 0.95 -1.09	22.47 0.95 -0.96	21.43 0.68 -0.62	21.18 0.92 -0.37	18.60 0.85 -0.81	19.66 0.83 -0.29
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.56 1.76 -6.32	24.24 1.45 -8.59	22.23 1.45 -6.61	21.65 1.41 -6.23	22.55 1.34 -7.16	24.93 1.65 -5.59	29.76 2.48 -2.94	30.38 2.71 -2.55	29.57 2.39 -6.43	27.74 2.36 -5.04	27.56 2.48 -5.09	25.87 2.33 -4.27	24.17 2.15 -3.44	24.16 2.21 -3.84	23.36 2.04 -4.01	23.18 1.98 -4.17	24.34 2.01 -5.40	31.26 2.60 -7.14	33.98 3.02 -7.14	29.47 2.61 -6.31	26.72 2.54 -4.06	24.76 2.45 -2.43	24.11 1.88 -5.29	22.20 1.74 -1.92
PEEKSKILL___ 23653	24.96 1.43 -6.05	23.56 1.14 -8.23	21.65 1.15 -6.33	21.07 1.11 -5.97	21.97 1.07 -6.86	24.39 1.34 -5.35	29.20 2.04 -2.81	29.82 2.26 -2.44	28.99 2.08 -6.15	27.20 2.03 -4.83	26.98 2.12 -4.87	25.42 2.06 -4.09	23.82 1.95 -3.29	23.74 1.96 -3.68	22.98 1.83 -3.84	22.82 1.79 -3.99	23.91 1.81 -5.17	30.57 2.22 -6.84	33.17 2.48 -6.88	28.81 2.18 -6.08	26.21 2.17 -3.92	24.34 2.11 -2.34	23.67 1.63 -5.10	21.88 1.50 -1.84
PGE MADISON___WINDPWR 24146	21.40 2.03 -1.90	18.46 1.67 -2.59	17.79 1.63 -1.99	17.46 1.58 -1.88	17.85 1.64 -2.16	21.43 2.05 -1.68	28.75 3.53 -0.89	29.32 3.44 -0.77	25.23 2.53 -1.94	24.49 2.62 -1.52	23.91 2.38 -1.53	22.89 2.33 -1.29	21.68 2.06 -1.04	21.18 1.92 -1.16	20.33 1.82 -1.21	20.03 1.74 -1.26	20.39 1.83 -1.63	26.36 2.69 -2.15	29.29 3.31 -2.16	25.06 2.59 -1.91	23.87 2.52 -1.23	23.09 2.47 -0.74	20.55 2.00 -1.60	21.19 2.08 -0.58
PIERCEFIELD___HYD 23852	15.89 -1.59 0.00	12.86 -1.34 0.00	12.84 -1.33 0.00	12.64 -1.36 0.00	12.72 -1.34 0.00	15.97 -1.73 0.00	22.29 -2.04 0.00	15.81 -2.26 7.05	8.57 -1.97 10.22	6.09 -1.85 12.40	6.17 -1.88 11.95	6.47 -1.77 11.03	6.69 -1.75 10.14	6.85 -1.76 9.50	7.23 -1.68 8.39	13.66 -1.67 1.71	15.29 -1.64 0.00	19.64 -1.87 0.00	21.62 -2.19 0.00	18.50 -2.06 0.00	18.21 -1.91 0.00	17.92 -1.97 0.00	15.22 -1.73 0.00	16.64 -1.89 0.00
PINELAWN_CC_1 323563	25.84 2.26 -6.11	24.25 1.75 -8.31	22.30 1.73 -6.39	21.64 1.61 -6.03	22.51 1.53 -6.93	25.30 2.19 -5.40	31.34 3.31 -3.69	34.05 3.64 -5.30	31.62 3.20 -7.67	29.49 3.07 -6.08	29.06 3.08 -5.99	28.46 2.93 -6.26	26.66 2.82 -5.26	27.13 2.77 -6.25	25.64 2.63 -5.71	25.93 2.57 -6.32	26.75 2.62 -7.19	33.17 3.25 -8.40	35.35 3.69 -7.84	32.29 3.19 -8.55	29.79 3.14 -6.52	27.60 3.12 -4.58	25.38 2.51 -5.93	22.77 2.37 -1.86
PJM_GEN_HTP_PROXY 323702	25.28 1.69 -6.11	23.84 1.33 -8.31	21.91 1.35 -6.39	21.31 1.29 -6.03	22.22 1.25 -6.92	24.69 1.59 -5.40	29.54 2.36 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.62 2.40 -4.88	27.40 2.48 -4.93	25.83 2.41 -4.15	24.27 2.30 -3.39	24.13 2.30 -3.73	23.41 2.16 -3.94	23.17 2.09 -4.04	24.27 2.12 -5.23	30.98 2.56 -6.90	33.60 2.83 -6.95	29.20 2.51 -6.14	26.60 2.52 -3.96	24.73 2.47 -2.37	24.01 1.91 -5.15	22.19 1.80 -1.86
PJM_GEN_KEystone 24065	21.64 0.86 -3.31	19.44 0.74 -4.50	18.38 0.74 -3.46	18.02 0.76 -3.27	18.54 0.73 -3.75	21.46 0.83 -2.93	26.90 1.02 -1.54	27.73 1.28 -1.34	25.27 1.14 -3.37	24.06 1.08 -2.64	23.78 1.12 -2.67	22.51 1.00 -2.24	21.39 1.00 -1.81	21.19 1.07 -2.02	20.40 0.99 -2.11	20.14 0.92 -2.19	20.71 0.95 -2.83	26.27 1.01 -3.74	28.87 1.28 -3.77	25.10 1.21 -3.33	23.39 1.13 -2.14	22.39 1.21 -1.28	20.70 0.97 -2.79	20.51 0.96 -1.01



PJM_GEN_NEPTUNE_PROXY 323594	25.55 1.97 -6.10	24.00 1.50 -8.30	22.05 1.49 -6.38	21.41 1.39 -6.02	22.28 1.31 -6.93	24.99 1.89 -5.39	29.76 2.82 -2.60	31.45 3.11 -3.22	29.58 2.78 -6.04	27.58 2.71 -4.54	28.03 2.74 -5.29	27.25 2.60 -5.38	25.43 2.53 -4.33	25.98 2.50 -5.37	24.50 2.35 -4.84	24.64 2.28 -5.32	25.52 2.32 -6.27	31.99 2.78 -7.70	34.10 3.14 -7.15	30.62 2.71 -7.35	28.12 2.72 -5.28	26.15 2.73 -3.53	24.08 2.20 -4.93	22.50 2.11 -1.85
PJM_GEN_VFT_PROXY 323633	25.30 1.71 -6.11	23.84 1.33 -8.31	21.90 1.33 -6.39	21.30 1.27 -6.03	22.21 1.24 -6.92	24.69 1.59 -5.40	29.47 2.29 -2.84	30.14 2.56 -2.47	29.32 2.34 -6.22	27.59 2.36 -4.89	27.37 2.44 -4.94	25.85 2.41 -4.17	24.34 2.32 -3.44	24.16 2.32 -3.73	23.47 2.18 -3.98	23.16 2.08 -4.05	24.26 2.10 -5.24	30.92 2.49 -6.91	33.48 2.71 -6.95	29.14 2.45 -6.14	26.58 2.49 -3.96	24.69 2.43 -2.37	24.00 1.90 -5.16	22.14 1.74 -1.86
PLEASANTVLY___LBMP 24000	25.27 1.45 -6.35	24.00 1.16 -8.64	21.99 1.18 -6.64	21.41 1.15 -6.26	22.37 1.12 -7.20	24.73 1.42 -5.61	29.38 2.09 -2.95	29.99 2.31 -2.57	29.29 2.08 -6.46	27.44 2.03 -5.07	27.19 2.08 -5.11	25.57 2.00 -4.29	23.97 1.93 -3.46	23.89 1.92 -3.86	23.14 1.80 -4.03	22.98 1.76 -4.19	24.15 1.79 -5.42	30.89 2.20 -7.18	33.49 2.45 -7.23	29.10 2.16 -6.38	26.37 2.13 -4.11	24.44 2.09 -2.46	23.92 1.63 -5.35	22.01 1.54 -1.93
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.20 1.57 -6.15	23.82 1.25 -8.37	21.87 1.26 -6.44	21.29 1.22 -6.07	22.22 1.19 -6.98	24.63 1.49 -5.44	29.44 2.24 -2.86	30.06 2.46 -2.49	29.26 2.24 -6.26	27.47 2.22 -4.91	27.23 2.28 -4.96	25.64 2.22 -4.16	24.05 2.12 -3.35	23.95 2.10 -3.75	23.20 1.99 -3.91	23.02 1.92 -4.06	24.15 1.96 -5.26	30.86 2.39 -6.96	33.48 2.67 -7.00	29.11 2.36 -6.19	26.44 2.33 -3.98	24.54 2.27 -2.38	23.90 1.76 -5.19	22.06 1.65 -1.87
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.61 1.64 -6.49	24.36 1.33 -8.83	22.31 1.35 -6.79	21.70 1.30 -6.40	22.68 1.28 -7.35	25.03 1.59 -5.74	29.69 2.34 -3.02	30.32 2.59 -2.62	29.62 2.26 -6.60	27.72 2.20 -5.18	27.50 2.28 -5.22	25.79 2.14 -4.38	24.17 2.06 -3.53	24.14 2.08 -3.95	23.38 1.95 -4.12	23.23 1.91 -4.28	24.40 1.93 -5.54	31.28 2.43 -7.33	33.93 2.74 -7.38	29.44 2.36 -6.52	26.63 2.31 -4.20	24.67 2.27 -2.51	24.19 1.78 -5.46	22.18 1.67 -1.97
POLETTI____ 23519	25.28 1.69 -6.11	23.83 1.32 -8.31	21.88 1.32 -6.39	21.29 1.26 -6.03	22.21 1.24 -6.92	24.68 1.57 -5.40	29.52 2.34 -2.84	30.19 2.61 -2.47	29.38 2.41 -6.22	27.61 2.38 -4.89	27.39 2.46 -4.94	25.81 2.37 -4.17	24.28 2.27 -3.44	24.10 2.26 -3.73	23.43 2.15 -3.98	23.16 2.08 -4.05	24.26 2.10 -5.24	30.96 2.54 -6.91	33.57 2.81 -6.95	29.18 2.49 -6.14	26.60 2.52 -3.96	24.79 2.53 -2.37	24.07 1.96 -5.16	22.23 1.84 -1.86
PORT_JEFF_3 23555	25.87 2.29 -6.10	24.32 1.82 -8.31	22.39 1.83 -6.39	21.72 1.69 -6.02	22.59 1.62 -6.93	25.36 2.27 -5.40	30.98 3.48 -3.17	33.73 3.87 -4.76	31.21 3.36 -7.09	28.85 3.17 -5.34	28.70 3.18 -5.53	27.95 3.00 -5.68	26.11 2.90 -4.64	26.60 2.82 -5.67	25.16 2.72 -5.13	25.37 2.67 -5.65	26.22 2.71 -6.58	32.97 3.48 -7.97	35.05 3.86 -7.38	31.99 3.37 -8.07	29.27 3.26 -5.89	27.04 3.26 -3.89	25.02 2.63 -5.45	22.80 2.41 -1.85
PORT_JEFF_4 23616	25.87 2.29 -6.10	24.32 1.82 -8.31	22.39 1.83 -6.39	21.72 1.69 -6.02	22.59 1.62 -6.93	25.36 2.27 -5.40	30.98 3.48 -3.17	33.73 3.87 -4.76	31.21 3.36 -7.09	28.85 3.17 -5.34	28.70 3.18 -5.53	27.95 3.00 -5.68	26.11 2.90 -4.64	26.60 2.82 -5.67	25.16 2.72 -5.13	25.37 2.67 -5.65	26.22 2.71 -6.58	32.97 3.48 -7.97	35.05 3.86 -7.38	31.99 3.37 -8.07	29.27 3.26 -5.89	27.04 3.26 -3.89	25.02 2.63 -5.45	22.80 2.41 -1.85
PORT_JEFF_IC 23713	25.92 2.34 -6.10	24.35 1.84 -8.31	22.42 1.86 -6.39	21.76 1.74 -6.02	22.62 1.64 -6.93	25.40 2.30 -5.40	31.07 3.55 -3.18	33.83 3.94 -4.77	31.31 3.45 -7.11	28.94 3.23 -5.36	28.78 3.24 -5.54	28.03 3.06 -5.70	26.19 2.95 -4.66	26.65 2.86 -5.69	25.21 2.75 -5.15	25.42 2.71 -5.68	26.29 2.76 -6.60	33.07 3.57 -7.99	35.16 3.95 -7.40	32.09 3.45 -8.08	29.35 3.32 -5.91	27.12 3.32 -3.91	25.09 2.68 -5.46	22.86 2.47 -1.85
PPL PILGRIM_ST_GT1 24216	25.96 2.38 -6.10	24.36 1.86 -8.31	22.40 1.84 -6.39	21.75 1.72 -6.02	22.62 1.64 -6.93	25.45 2.35 -5.40	30.78 3.19 -3.26	33.52 3.56 -4.85	31.08 3.13 -7.19	28.78 2.97 -5.47	28.59 2.98 -5.61	27.88 2.83 -5.78	26.04 2.71 -4.75	26.52 2.64 -5.77	25.07 2.53 -5.24	25.30 2.49 -5.77	26.14 2.52 -6.69	32.79 3.23 -8.05	34.89 3.62 -7.46	31.83 3.12 -8.15	29.16 3.04 -6.00	26.91 3.00 -4.01	24.87 2.39 -5.53	22.58 2.19 -1.86
PPL PILGRIM_ST_GT2 24217	25.96 2.38 -6.10	24.36 1.86 -8.31	22.40 1.84 -6.39	21.75 1.72 -6.02	22.62 1.64 -6.93	25.45 2.35 -5.40	30.78 3.19 -3.26	33.52 3.56 -4.85	31.08 3.13 -7.19	28.78 2.97 -5.47	28.59 2.98 -5.61	27.88 2.83 -5.78	26.04 2.71 -4.75	26.52 2.64 -5.77	25.07 2.53 -5.24	25.30 2.49 -5.77	26.14 2.52 -6.69	32.79 3.23 -8.05	34.89 3.62 -7.46	31.83 3.12 -8.15	29.16 3.04 -6.00	26.91 3.00 -4.01	24.87 2.39 -5.53	22.58 2.19 -1.86
PPL_SHRM_GT3 24213	25.94 2.36 -6.10	24.38 1.87 -8.31	22.49 1.93 -6.39	21.83 1.81 -6.02	22.69 1.71 -6.93	25.49 2.39 -5.40	31.21 3.70 -3.17	33.97 4.09 -4.76	31.40 3.55 -7.10	28.94 3.25 -5.35	28.79 3.26 -5.53	28.04 3.08 -5.68	26.18 2.95 -4.65	26.66 2.88 -5.68	25.21 2.77 -5.14	25.44 2.74 -5.66	26.30 2.78 -6.59	33.19 3.70 -7.98	35.27 4.07 -7.39	32.14 3.51 -8.07	29.34 3.32 -5.90	27.17 3.38 -3.89	25.16 2.76 -5.45	22.87 2.48 -1.85
PPL_SHRM_GT4 24214	25.94 2.36 -6.10	24.38 1.87 -8.31	22.49 1.93 -6.39	21.83 1.81 -6.02	22.69 1.71 -6.93	25.49 2.39 -5.40	31.21 3.70 -3.17	33.97 4.09 -4.76	31.40 3.55 -7.10	28.94 3.25 -5.35	28.79 3.26 -5.53	28.04 3.08 -5.68	26.18 2.95 -4.65	26.66 2.88 -5.68	25.21 2.77 -5.14	25.44 2.74 -5.66	26.30 2.78 -6.59	33.19 3.70 -7.98	35.27 4.07 -7.39	32.14 3.51 -8.07	29.34 3.32 -5.90	27.17 3.38 -3.89	25.16 2.76 -5.45	22.87 2.48 -1.85
PROJECT___ORANGE 1 24174	18.22 0.21 -0.54	15.10 0.17 -0.73	14.90 0.17 -0.56	14.70 0.17 -0.53	14.84 0.18 -0.61	18.39 0.21 -0.47	24.76 0.17 -0.25	25.51 0.18 -0.22	21.43 0.13 -0.54	20.89 0.12 -0.43	20.53 0.10 -0.43	19.73 0.10 -0.36	18.96 0.09 -0.29	18.52 0.09 -0.33	17.73 0.09 -0.34	17.46 0.07 -0.35	17.46 0.07 -0.46	22.19 0.06 -0.61	24.61 0.19 -0.61	21.26 0.16 -0.54	20.59 0.12 -0.35	20.22 0.12 -0.21	17.50 0.10 -0.45	18.88 0.19 -0.16
PROJECT___ORANGE 2 24166	18.22 0.21 -0.54	15.10 0.17 -0.73	14.90 0.17 -0.56	14.70 0.17 -0.53	14.84 0.18 -0.61	18.39 0.21 -0.47	24.76 0.17 -0.25	25.51 0.18 -0.22	21.43 0.13 -0.54	20.89 0.12 -0.43	20.53 0.10 -0.43	19.73 0.10 -0.36	18.96 0.09 -0.29	18.52 0.09 -0.33	17.73 0.09 -0.34	17.46 0.07 -0.35	17.46 0.07 -0.46	22.19 0.06 -0.61	24.61 0.19 -0.61	21.26 0.16 -0.54	20.59 0.12 -0.35	20.22 0.12 -0.21	17.50 0.10 -0.45	18.88 0.19 -0.16



PYRITES___HYD 24023	16.11 -1.36 0.00	13.05 -1.15 0.00	13.03 -1.15 0.00	12.82 -1.18 0.00	12.90 -1.15 0.00	16.20 -1.50 0.00	22.71 -1.63 0.00	16.53 -1.86 6.72	9.35 -1.66 9.75	6.98 -1.53 11.83	7.01 -1.58 11.40	7.27 -1.48 10.52	7.41 -1.49 9.68	7.54 -1.50 9.06	7.84 -1.45 8.01	13.96 -1.45 1.63	15.52 -1.41 0.00	19.99 -1.53 0.00	22.00 -1.81 0.00	18.81 -1.75 0.00	18.51 -1.61 0.00	18.22 -1.67 0.00	15.45 -1.49 0.00	16.87 -1.67 0.00
RAMAPO___LBMP 323565	24.72 1.36 -5.88	23.29 1.09 -8.00	21.42 1.09 -6.15	20.85 1.05 -5.80	21.74 1.03 -6.67	24.19 1.29 -5.20	29.02 1.95 -2.74	29.67 2.18 -2.38	28.72 1.97 -5.99	26.97 1.93 -4.69	26.75 2.02 -4.74	25.19 1.95 -3.98	23.64 1.86 -3.20	23.55 1.87 -3.58	22.79 1.75 -3.74	22.62 1.70 -3.88	23.68 1.73 -5.03	30.27 2.11 -6.65	32.87 2.36 -6.69	28.55 2.08 -5.91	25.99 2.05 -3.81	24.18 2.01 -2.28	23.45 1.54 -4.96	21.75 1.43 -1.79
RANKINE____ 23646	18.83 0.38 -0.97	15.97 0.45 -1.31	15.65 0.47 -1.01	15.50 0.55 -0.95	15.65 0.51 -1.10	18.94 0.39 -0.85	24.81 0.02 -0.45	26.15 0.65 -0.39	22.20 0.46 -0.98	21.44 0.32 -0.77	21.13 0.36 -0.78	20.14 0.21 -0.65	19.44 0.33 -0.53	19.11 0.42 -0.59	18.25 0.33 -0.61	17.96 0.29 -0.64	18.08 0.32 -0.83	22.76 0.15 -1.09	25.51 0.60 -1.10	22.21 0.68 -0.97	21.19 0.44 -0.63	20.92 0.66 -0.37	18.40 0.64 -0.81	19.48 0.65 -0.29
RAVENSWOOD_GT2_1 24244	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.40 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.62 2.86 -6.95	29.23 2.53 -6.14	26.60 2.52 -3.96	24.73 2.47 -2.37	24.03 1.93 -5.16	22.21 1.82 -1.86
RAVENSWOOD_GT2_2 24245	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.40 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.62 2.86 -6.95	29.23 2.53 -6.14	26.60 2.52 -3.96	24.73 2.47 -2.37	24.03 1.93 -5.16	22.21 1.82 -1.86
RAVENSWOOD_GT2_3 24246	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.42 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.36 2.32 -3.46	24.14 2.30 -3.74	23.49 2.18 -4.00	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.62 2.86 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
RAVENSWOOD_GT2_4 24247	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.42 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.36 2.32 -3.46	24.14 2.30 -3.74	23.49 2.18 -4.00	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.62 2.86 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
RAVENSWOOD_GT3_1 24248	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.40 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.62 2.86 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
RAVENSWOOD_GT3_2 24249	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.40 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.62 2.86 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
RAVENSWOOD_GT3_3 24250	25.33 1.75 -6.11	23.88 1.38 -8.31	21.94 1.37 -6.39	21.34 1.32 -6.03	22.27 1.29 -6.92	24.73 1.63 -5.40	29.59 2.41 -2.84	30.29 2.71 -2.47	29.44 2.47 -6.22	27.67 2.44 -4.89	27.45 2.52 -4.94	25.90 2.45 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.22 2.13 -4.05	24.34 2.17 -5.24	31.04 2.62 -6.91	33.67 2.90 -6.95	29.27 2.57 -6.14	26.64 2.56 -3.96	24.77 2.51 -2.37	24.07 1.96 -5.16	22.25 1.85 -1.86
RAVENSWOOD_GT3_4 24251	25.33 1.75 -6.11	23.88 1.38 -8.31	21.94 1.37 -6.39	21.34 1.32 -6.03	22.27 1.29 -6.92	24.73 1.63 -5.40	29.59 2.41 -2.84	30.29 2.71 -2.47	29.44 2.47 -6.22	27.67 2.44 -4.89	27.45 2.52 -4.94	25.90 2.45 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.22 2.13 -4.05	24.34 2.17 -5.24	31.04 2.62 -6.91	33.67 2.90 -6.95	29.27 2.57 -6.14	26.64 2.56 -3.96	24.77 2.51 -2.37	24.07 1.96 -5.16	22.25 1.85 -1.86
RAVENSWOOD_GT_1 23729	25.43 1.83 -6.12	23.96 1.45 -8.32	22.02 1.45 -6.40	21.41 1.39 -6.03	22.32 1.35 -6.92	24.78 1.68 -5.40	29.66 2.48 -2.84	30.34 2.76 -2.47	29.48 2.51 -6.22	27.72 2.48 -4.89	27.49 2.56 -4.94	25.94 2.49 -4.18	24.39 2.36 -3.46	24.20 2.35 -3.74	23.52 2.22 -4.00	23.29 2.20 -4.05	24.39 2.22 -5.24	31.13 2.71 -6.91	33.74 2.98 -6.95	29.33 2.63 -6.14	26.70 2.61 -3.96	24.81 2.55 -2.37	24.12 2.02 -5.16	22.33 1.93 -1.87
RAVENSWOOD_GT_10 24258	25.31 1.73 -6.11	23.85 1.35 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.40 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.62 2.86 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.03 1.93 -5.16	22.21 1.82 -1.86
RAVENSWOOD_GT_11 24259	25.31 1.73 -6.11	23.85 1.35 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.40 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.62 2.86 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.03 1.93 -5.16	22.21 1.82 -1.86
RAVENSWOOD_GT_4 24252	25.29 1.71 -6.10	23.83 1.33 -8.30	21.91 1.35 -6.39	21.31 1.29 -6.03	22.23 1.25 -6.92	24.70 1.59 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.40 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.18 2.09 -4.05	24.28 2.12 -5.24	30.98 2.56 -6.91	33.60 2.83 -6.95	29.21 2.51 -6.14	26.60 2.52 -3.96	24.73 2.47 -2.37	24.03 1.93 -5.16	22.19 1.80 -1.85



RAVENSWOOD_GT_5 24254	25.29 1.71 -6.10	23.83 1.33 -8.30	21.91 1.35 -6.39	21.31 1.29 -6.03	22.23 1.25 -6.92	24.70 1.59 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.40 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.18 2.09 -4.05	24.28 2.12 -5.24	30.98 2.56 -6.91	33.60 2.83 -6.95	29.21 2.51 -6.14	26.60 2.52 -3.96	24.73 2.47 -2.37	24.03 1.93 -5.16	22.19 1.80 -1.85
RAVENSWOOD_GT_6 24253	25.29 1.71 -6.10	23.83 1.33 -8.30	21.91 1.35 -6.39	21.31 1.29 -6.03	22.23 1.25 -6.92	24.70 1.59 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.40 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.18 2.09 -4.05	24.28 2.12 -5.24	30.98 2.56 -6.91	33.60 2.83 -6.95	29.21 2.51 -6.14	26.60 2.52 -3.96	24.73 2.47 -2.37	24.03 1.93 -5.16	22.19 1.80 -1.85
RAVENSWOOD_GT_7 24255	25.29 1.71 -6.10	23.83 1.33 -8.30	21.91 1.35 -6.39	21.31 1.29 -6.03	22.23 1.25 -6.92	24.70 1.59 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.40 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.18 2.09 -4.05	24.28 2.12 -5.24	30.98 2.56 -6.91	33.60 2.83 -6.95	29.21 2.51 -6.14	26.60 2.52 -3.96	24.73 2.47 -2.37	24.03 1.93 -5.16	22.19 1.80 -1.85
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.31 1.73 -6.11	23.85 1.35 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.40 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.62 2.86 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.03 1.93 -5.16	22.21 1.82 -1.86
RAVENSWOOD_GT_9 24257	25.31 1.73 -6.11	23.85 1.35 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.40 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.62 2.86 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.03 1.93 -5.16	22.21 1.82 -1.86
RAVENSWOOD___1 23533	25.43 1.83 -6.12	23.95 1.43 -8.32	22.02 1.45 -6.40	21.40 1.37 -6.03	22.31 1.34 -6.92	24.78 1.68 -5.40	29.64 2.46 -2.84	30.32 2.74 -2.47	29.48 2.51 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.92 2.47 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.27 2.18 -4.05	24.37 2.20 -5.24	31.11 2.69 -6.91	33.74 2.98 -6.95	29.33 2.63 -6.14	26.68 2.60 -3.96	24.79 2.53 -2.37	24.10 2.00 -5.16	22.33 1.93 -1.87
RAVENSWOOD___2 23534	25.41 1.82 -6.12	23.95 1.43 -8.32	22.00 1.43 -6.40	21.40 1.37 -6.03	22.31 1.34 -6.92	24.76 1.66 -5.40	29.64 2.46 -2.84	30.32 2.74 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.47 2.54 -4.94	25.92 2.47 -4.18	24.38 2.34 -3.46	24.18 2.34 -3.74	23.50 2.20 -4.00	23.25 2.16 -4.05	24.35 2.18 -5.24	31.11 2.69 -6.91	33.72 2.95 -6.95	29.31 2.61 -6.14	26.68 2.60 -3.96	24.79 2.53 -2.37	24.10 2.00 -5.16	22.33 1.93 -1.87
RAVENSWOOD___3 23535	25.31 1.73 -6.11	23.87 1.36 -8.31	21.93 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.57 2.39 -2.84	30.24 2.66 -2.47	29.40 2.43 -6.22	27.63 2.40 -4.89	27.41 2.48 -4.94	25.86 2.41 -4.18	24.34 2.30 -3.46	24.14 2.30 -3.74	23.47 2.16 -4.00	23.20 2.11 -4.05	24.30 2.13 -5.24	31.00 2.58 -6.91	33.62 2.86 -6.95	29.23 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.05 1.95 -5.16	22.21 1.82 -1.86
RAVENSWOOD___4 23820	25.41 1.82 -6.11	23.95 1.43 -8.32	22.00 1.43 -6.40	21.40 1.37 -6.03	22.31 1.34 -6.92	24.76 1.66 -5.40	29.61 2.43 -2.84	30.29 2.71 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.45 2.52 -4.94	25.90 2.45 -4.18	24.36 2.32 -3.46	24.16 2.32 -3.74	23.50 2.20 -4.00	23.25 2.16 -4.05	24.35 2.18 -5.24	31.09 2.67 -6.91	33.72 2.95 -6.95	29.31 2.61 -6.14	26.66 2.58 -3.96	24.77 2.51 -2.37	24.10 2.00 -5.16	22.31 1.91 -1.87
RCPL_TRUST___DRP 24196	25.30 1.71 -6.11	23.85 1.35 -8.31	21.92 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.59 2.41 -2.84	30.27 2.69 -2.47	29.42 2.45 -6.22	27.64 2.42 -4.88	27.42 2.50 -4.93	25.85 2.43 -4.15	24.31 2.34 -3.39	24.17 2.34 -3.73	23.44 2.20 -3.94	23.21 2.13 -4.04	24.31 2.15 -5.23	31.02 2.60 -6.90	33.64 2.88 -6.95	29.22 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.03 1.93 -5.15	22.21 1.82 -1.86
RENSSELAER___COGEN 23796	26.44 1.22 -7.74	25.74 1.01 -10.53	23.28 1.01 -8.10	22.64 0.99 -7.64	23.84 1.01 -8.78	25.79 1.24 -6.85	29.72 1.78 -3.60	29.85 1.61 -3.13	30.01 1.37 -7.88	27.86 1.34 -6.18	27.53 1.30 -6.23	25.76 1.25 -5.23	24.00 1.21 -4.22	24.01 1.19 -4.71	23.36 1.14 -4.92	23.25 1.11 -5.11	24.61 1.07 -6.62	31.63 1.36 -8.75	34.17 1.55 -8.81	29.68 1.34 -7.78	26.43 1.29 -5.01	24.24 1.35 -2.99	24.81 1.34 -6.53	22.23 1.34 -2.36
REVERE_CPPR_DRP 24186	18.38 0.73 -0.17	15.03 0.60 -0.24	14.94 0.58 -0.18	14.72 0.55 -0.17	14.84 0.59 -0.20	18.60 0.74 -0.15	25.73 1.31 -0.08	27.44 1.26 -1.07	23.28 0.89 -1.63	23.18 0.94 -1.90	22.65 0.82 -1.84	21.78 0.83 -1.69	20.84 0.72 -1.54	20.21 0.65 -1.46	19.23 0.62 -1.30	17.97 0.58 -0.36	17.69 0.61 -0.15	22.71 0.99 -0.20	25.25 1.24 -0.20	21.63 0.90 -0.17	21.12 0.88 -0.11	20.83 0.87 -0.07	17.80 0.71 -0.15	19.33 0.74 -0.05
RIVERBAY____ 323610	25.50 1.91 -6.12	24.02 1.50 -8.32	22.09 1.52 -6.40	21.46 1.43 -6.03	22.37 1.39 -6.92	24.78 1.68 -5.40	29.61 2.43 -2.84	30.22 2.64 -2.47	29.39 2.43 -6.21	27.62 2.40 -4.88	27.40 2.48 -4.93	25.82 2.39 -4.16	24.27 2.27 -3.43	24.10 2.26 -3.73	23.41 2.13 -3.97	23.19 2.11 -4.04	24.29 2.13 -5.23	31.04 2.62 -6.90	33.66 2.90 -6.94	29.26 2.57 -6.13	26.62 2.54 -3.96	24.73 2.47 -2.37	24.08 1.98 -5.16	22.40 2.00 -1.87
ROCHESTER_9_IC 23652	18.35 0.14 -0.73	15.36 0.17 -0.99	15.12 0.18 -0.77	14.93 0.21 -0.72	15.10 0.22 -0.83	18.59 0.25 -0.65	24.70 0.02 -0.34	25.78 0.38 -0.30	21.52 0.02 -0.74	20.86 -0.06 -0.58	20.54 -0.04 -0.59	19.69 -0.08 -0.49	18.99 0.02 -0.40	18.50 -0.05 -0.45	17.68 -0.09 -0.46	17.42 -0.10 -0.48	17.49 -0.07 -0.63	22.19 -0.15 -0.83	24.69 0.05 -0.83	21.42 0.12 -0.73	20.58 -0.02 -0.47	20.22 0.04 -0.28	17.66 0.10 -0.62	19.00 0.24 -0.22
ROSETON___1 23587	24.98 1.38 -6.12	23.65 1.12 -8.33	21.70 1.12 -6.41	21.13 1.09 -6.04	22.06 1.07 -6.94	24.46 1.34 -5.41	29.18 2.00 -2.85	29.80 2.21 -2.47	28.96 1.97 -6.23	27.16 1.93 -4.89	26.93 2.00 -4.93	25.34 1.93 -4.14	23.75 1.84 -3.34	23.68 1.85 -3.73	22.92 1.73 -3.89	22.77 1.69 -4.04	23.87 1.71 -5.23	30.52 2.09 -6.92	33.11 2.33 -6.97	28.77 2.06 -6.15	26.12 2.03 -3.96	24.25 1.99 -2.37	23.66 1.56 -5.16	21.86 1.46 -1.86



ROSETON___2 23588	24.98 1.38 -6.12	23.65 1.12 -8.33	21.70 1.12 -6.41	21.13 1.09 -6.04	22.06 1.07 -6.94	24.46 1.34 -5.41	29.18 2.00 -2.85	29.80 2.21 -2.47	28.96 1.97 -6.23	27.16 1.93 -4.89	26.93 2.00 -4.93	25.34 1.93 -4.14	23.75 1.84 -3.34	23.68 1.85 -3.73	22.92 1.73 -3.89	22.77 1.69 -4.04	23.87 1.71 -5.23	30.52 2.09 -6.92	33.11 2.33 -6.97	28.77 2.06 -6.15	26.12 2.03 -3.96	24.25 1.99 -2.37	23.66 1.56 -5.16	21.86 1.46 -1.86
RUSSELL___1 23602	18.42 0.21 -0.73	15.41 0.21 -1.00	15.17 0.23 -0.77	14.99 0.27 -0.72	15.15 0.27 -0.83	18.67 0.32 -0.65	24.82 0.15 -0.34	25.94 0.53 -0.30	21.61 0.10 -0.74	20.95 0.02 -0.58	20.63 0.04 -0.59	19.77 0.00 -0.49	19.09 0.11 -0.40	18.57 0.02 -0.45	17.75 -0.02 -0.46	17.49 -0.03 -0.48	17.56 0.00 -0.63	22.30 -0.04 -0.83	24.83 0.19 -0.83	21.52 0.23 -0.74	20.68 0.08 -0.47	20.32 0.14 -0.28	17.73 0.17 -0.62	19.07 0.31 -0.22
RUSSELL___2 23532	18.42 0.21 -0.73	15.41 0.21 -1.00	15.17 0.23 -0.77	14.99 0.27 -0.72	15.15 0.27 -0.83	18.67 0.32 -0.65	24.82 0.15 -0.34	25.94 0.53 -0.30	21.61 0.10 -0.74	20.95 0.02 -0.58	20.63 0.04 -0.59	19.77 0.00 -0.49	19.09 0.11 -0.40	18.57 0.02 -0.45	17.75 -0.02 -0.46	17.49 -0.03 -0.48	17.56 0.00 -0.63	22.30 -0.04 -0.83	24.83 0.19 -0.83	21.52 0.23 -0.74	20.68 0.08 -0.47	20.32 0.14 -0.28	17.73 0.17 -0.62	19.07 0.31 -0.22
RUSSELL___3 23549	18.42 0.21 -0.73	15.41 0.21 -1.00	15.17 0.23 -0.77	14.99 0.27 -0.72	15.15 0.27 -0.83	18.67 0.32 -0.65	24.82 0.15 -0.34	25.94 0.53 -0.30	21.61 0.10 -0.74	20.95 0.02 -0.58	20.63 0.04 -0.59	19.77 0.00 -0.49	19.09 0.11 -0.40	18.57 0.02 -0.45	17.75 -0.02 -0.46	17.49 -0.03 -0.48	17.56 0.00 -0.63	22.30 -0.04 -0.83	24.83 0.19 -0.83	21.52 0.23 -0.74	20.68 0.08 -0.47	20.32 0.14 -0.28	17.73 0.17 -0.62	19.07 0.31 -0.22
RUSSELL___4 23556	18.42 0.21 -0.73	15.41 0.21 -1.00	15.17 0.23 -0.77	14.99 0.27 -0.72	15.15 0.27 -0.83	18.67 0.32 -0.65	24.82 0.15 -0.34	25.94 0.53 -0.30	21.61 0.10 -0.74	20.95 0.02 -0.58	20.63 0.04 -0.59	19.77 0.00 -0.49	19.09 0.11 -0.40	18.57 0.02 -0.45	17.75 -0.02 -0.46	17.49 -0.03 -0.48	17.56 0.00 -0.63	22.30 -0.04 -0.83	24.83 0.19 -0.83	21.52 0.23 -0.74	20.68 0.08 -0.47	20.32 0.14 -0.28	17.73 0.17 -0.62	19.07 0.31 -0.22
RUSSELL___STATION 23914	18.42 0.21 -0.73	15.41 0.21 -1.00	15.17 0.23 -0.77	14.99 0.27 -0.72	15.15 0.27 -0.83	18.67 0.32 -0.65	24.82 0.15 -0.34	25.94 0.53 -0.30	21.61 0.10 -0.74	20.95 0.02 -0.58	20.63 0.04 -0.59	19.77 0.00 -0.49	19.09 0.11 -0.40	18.57 0.02 -0.45	17.75 -0.02 -0.46	17.49 -0.03 -0.48	17.56 0.00 -0.63	22.30 -0.04 -0.83	24.83 0.19 -0.83	21.52 0.23 -0.74	20.68 0.08 -0.47	20.32 0.14 -0.28	17.73 0.17 -0.62	19.07 0.31 -0.22
S SALMON___HYD 24043	17.83 -0.05 -0.41	14.72 -0.03 -0.56	14.56 -0.04 -0.43	14.35 -0.06 -0.40	14.49 -0.03 -0.46	17.97 -0.09 -0.36	24.41 -0.12 -0.19	26.29 -0.23 -1.41	22.71 -0.27 -2.22	22.63 -0.22 -2.51	22.15 -0.28 -2.44	21.28 -0.21 -2.22	20.38 -0.20 -2.01	19.80 -0.24 -1.92	18.82 -0.23 -1.74	17.35 -0.26 -0.57	17.01 -0.27 -0.35	21.74 -0.24 -0.46	24.11 -0.17 -0.46	20.76 -0.21 -0.41	20.17 -0.22 -0.26	19.81 -0.24 -0.16	17.12 -0.17 -0.34	18.57 -0.09 -0.12
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.54 0.12 -0.94	15.70 0.23 -1.27	15.41 0.26 -0.98	15.26 0.34 -0.92	15.41 0.30 -1.06	18.65 0.12 -0.83	24.34 -0.44 -0.44	25.59 0.10 -0.38	21.71 0.00 -0.95	20.99 -0.10 -0.75	20.69 -0.06 -0.75	19.73 -0.17 -0.63	19.05 -0.04 -0.51	18.71 0.04 -0.57	17.90 0.00 -0.59	17.60 -0.05 -0.62	17.71 -0.02 -0.80	22.25 -0.32 -1.06	24.90 0.02 -1.07	21.70 0.21 -0.94	20.73 0.00 -0.61	20.49 0.24 -0.36	18.04 0.31 -0.79	19.13 0.31 -0.29
SELKIRK___I 23801	26.28 1.12 -7.69	25.58 0.92 -10.46	23.14 0.92 -8.04	22.51 0.92 -7.59	23.69 0.93 -8.72	25.63 1.13 -6.80	29.54 1.63 -3.57	29.74 1.53 -3.10	29.87 1.31 -7.80	27.74 1.28 -6.12	27.43 1.26 -6.18	25.67 1.21 -5.18	23.93 1.17 -4.18	23.92 1.14 -4.67	23.27 1.09 -4.87	23.17 1.07 -5.06	24.53 1.05 -6.55	31.50 1.31 -8.67	34.06 1.50 -8.75	29.58 1.30 -7.73	26.35 1.25 -4.98	24.16 1.29 -2.97	24.65 1.22 -6.48	22.10 1.22 -2.34
SELKIRK___II 23799	26.29 1.12 -7.69	25.59 0.92 -10.47	23.15 0.92 -8.05	22.50 0.91 -7.59	23.70 0.93 -8.72	25.64 1.13 -6.80	29.54 1.63 -3.57	29.75 1.53 -3.10	29.88 1.31 -7.81	27.75 1.28 -6.12	27.44 1.26 -6.18	25.65 1.20 -5.19	23.93 1.17 -4.18	23.92 1.14 -4.67	23.27 1.09 -4.87	23.18 1.07 -5.07	24.54 1.05 -6.56	31.51 1.31 -8.68	34.07 1.50 -8.76	29.59 1.30 -7.74	26.35 1.25 -4.98	24.16 1.29 -2.98	24.65 1.22 -6.49	22.08 1.20 -2.34
SENECA OSWGO___HYD 24041	17.94 -0.02 -0.48	14.83 -0.01 -0.65	14.66 -0.01 -0.50	14.46 -0.01 -0.47	14.58 -0.01 -0.54	18.07 -0.05 -0.42	24.32 -0.24 -0.22	25.47 -0.23 -0.59	21.61 -0.21 -1.06	21.21 -0.20 -1.08	20.83 -0.22 -1.05	20.00 -0.21 -0.94	19.22 -0.19 -0.83	18.77 -0.16 -0.82	17.91 -0.17 -0.77	17.26 -0.19 -0.41	17.17 -0.17 -0.41	21.82 -0.24 -0.54	24.19 -0.17 -0.55	20.90 -0.14 -0.48	20.27 -0.16 -0.31	19.92 -0.16 -0.19	17.23 -0.12 -0.40	18.64 -0.04 -0.15
SENECA___ENERGY 23797	18.63 0.37 -0.78	15.59 0.33 -1.06	15.32 0.33 -0.82	15.11 0.34 -0.77	15.30 0.36 -0.89	18.85 0.46 -0.69	25.28 0.58 -0.36	25.81 0.38 -0.32	21.78 0.23 -0.80	21.15 0.18 -0.62	20.78 0.16 -0.63	19.92 0.12 -0.53	19.15 0.15 -0.43	18.73 0.14 -0.48	17.89 0.09 -0.50	17.60 0.05 -0.52	17.68 0.09 -0.67	22.49 0.09 -0.89	24.99 0.29 -0.89	21.61 0.27 -0.79	20.79 0.16 -0.51	20.35 0.16 -0.30	17.74 0.13 -0.66	19.00 0.22 -0.24
SHOEMAKER___GT 23640	24.29 1.22 -5.59	22.79 0.98 -7.61	21.02 0.99 -5.85	20.47 0.95 -5.52	21.33 0.94 -6.34	23.81 1.17 -4.95	28.64 1.70 -2.60	29.28 1.91 -2.26	28.15 1.70 -5.69	26.45 1.65 -4.46	26.22 1.72 -4.50	24.69 1.64 -3.78	23.20 1.58 -3.05	23.10 1.59 -3.40	22.34 1.49 -3.55	22.19 1.47 -3.69	23.18 1.47 -4.78	29.64 1.81 -6.32	32.20 2.02 -6.36	27.97 1.79 -5.62	25.52 1.77 -3.62	23.79 1.73 -2.16	23.00 1.34 -4.71	21.48 1.24 -1.70
SHOREHAM_IC_1 23715	25.94 2.36 -6.10	24.38 1.87 -8.31	22.49 1.93 -6.39	21.83 1.81 -6.02	22.69 1.71 -6.93	25.49 2.39 -5.40	31.21 3.70 -3.17	33.97 4.09 -4.76	31.40 3.55 -7.10	28.94 3.25 -5.35	28.79 3.26 -5.53	28.04 3.08 -5.68	26.18 2.95 -4.65	26.66 2.88 -5.68	25.21 2.77 -5.14	25.44 2.74 -5.66	26.30 2.78 -6.59	33.19 3.70 -7.98	35.27 4.07 -7.39	32.14 3.51 -8.07	29.34 3.32 -5.90	27.17 3.38 -3.89	25.16 2.76 -5.45	22.87 2.48 -1.85
SHOREHAM_IC_2 23716	25.94 2.36 -6.10	24.38 1.87 -8.31	22.49 1.93 -6.39	21.83 1.81 -6.02	22.69 1.71 -6.93	25.49 2.39 -5.40	31.21 3.70 -3.17	33.97 4.09 -4.76	31.40 3.55 -7.10	28.94 3.25 -5.35	28.79 3.26 -5.53	28.04 3.08 -5.68	26.18 2.95 -4.65	26.66 2.88 -5.68	25.21 2.77 -5.14	25.44 2.74 -5.66	26.30 2.78 -6.59	33.19 3.70 -7.98	35.27 4.07 -7.39	32.14 3.51 -8.07	29.34 3.32 -5.90	27.17 3.38 -3.89	25.16 2.76 -5.45	22.87 2.48 -1.85



SISSONVILLE____ 23735	15.89 -1.59 0.00	12.86 -1.34 0.00	12.84 -1.33 0.00	12.64 -1.36 0.00	12.72 -1.34 0.00	15.97 -1.73 0.00	22.29 -2.04 0.00	15.81 -2.26 7.05	8.57 -1.97 10.22	6.09 -1.85 12.40	6.17 -1.88 11.95	6.47 -1.77 11.03	6.69 -1.75 10.14	6.85 -1.76 9.50	7.23 -1.68 8.39	13.66 -1.67 1.71	15.29 -1.64 0.00	19.64 -1.87 0.00	21.62 -2.19 0.00	18.50 -2.06 0.00	18.21 -1.91 0.00	17.92 -1.97 0.00	15.22 -1.73 0.00	16.64 -1.89 0.00
SITHE_IND_GS1 24169	17.60 -0.26 -0.39	14.52 -0.20 -0.53	14.38 -0.20 -0.40	14.20 -0.18 -0.38	14.31 -0.18 -0.44	17.79 -0.25 -0.34	23.91 -0.61 -0.18	24.66 -0.60 -0.16	20.61 -0.54 -0.39	20.12 -0.53 -0.31	19.79 -0.52 -0.31	19.03 -0.50 -0.26	18.30 -0.48 -0.21	17.87 -0.47 -0.24	17.10 -0.45 -0.25	16.85 -0.44 -0.25	16.82 -0.44 -0.33	21.35 -0.60 -0.44	23.66 -0.59 -0.44	20.45 -0.49 -0.39	19.87 -0.50 -0.25	19.55 -0.50 -0.15	16.88 -0.39 -0.33	18.36 -0.30 -0.12
SITHE_IND_GS2 24170	17.60 -0.26 -0.39	14.52 -0.20 -0.53	14.38 -0.20 -0.40	14.20 -0.18 -0.38	14.31 -0.18 -0.44	17.79 -0.25 -0.34	23.91 -0.61 -0.18	24.66 -0.60 -0.16	20.61 -0.54 -0.39	20.12 -0.53 -0.31	19.79 -0.52 -0.31	19.03 -0.50 -0.26	18.30 -0.48 -0.21	17.87 -0.47 -0.24	17.10 -0.45 -0.25	16.85 -0.44 -0.25	16.82 -0.44 -0.33	21.35 -0.60 -0.44	23.66 -0.59 -0.44	20.45 -0.49 -0.39	19.87 -0.50 -0.25	19.55 -0.50 -0.15	16.88 -0.39 -0.33	18.36 -0.30 -0.12
SITHE_IND_GS3 24171	17.60 -0.26 -0.39	14.52 -0.20 -0.53	14.38 -0.20 -0.40	14.20 -0.18 -0.38	14.31 -0.18 -0.44	17.79 -0.25 -0.34	23.91 -0.61 -0.18	24.66 -0.60 -0.16	20.61 -0.54 -0.39	20.12 -0.53 -0.31	19.79 -0.52 -0.31	19.03 -0.50 -0.26	18.30 -0.48 -0.21	17.87 -0.47 -0.24	17.10 -0.45 -0.25	16.85 -0.44 -0.25	16.82 -0.44 -0.33	21.35 -0.60 -0.44	23.66 -0.59 -0.44	20.45 -0.49 -0.39	19.87 -0.50 -0.25	19.55 -0.50 -0.15	16.88 -0.39 -0.33	18.36 -0.30 -0.12
SITHE_IND_GS4 24172	17.60 -0.26 -0.39	14.52 -0.20 -0.53	14.38 -0.20 -0.40	14.20 -0.18 -0.38	14.31 -0.18 -0.44	17.79 -0.25 -0.34	23.91 -0.61 -0.18	24.66 -0.60 -0.16	20.61 -0.54 -0.39	20.12 -0.53 -0.31	19.79 -0.52 -0.31	19.03 -0.50 -0.26	18.30 -0.48 -0.21	17.87 -0.47 -0.24	17.10 -0.45 -0.25	16.85 -0.44 -0.25	16.82 -0.44 -0.33	21.35 -0.60 -0.44	23.66 -0.59 -0.44	20.45 -0.49 -0.39	19.87 -0.50 -0.25	19.55 -0.50 -0.15	16.88 -0.39 -0.33	18.36 -0.30 -0.12
SITHE____BATAVIA 24024	18.79 0.47 -0.84	15.84 0.50 -1.14	15.58 0.52 -0.88	15.42 0.59 -0.83	15.58 0.58 -0.95	19.03 0.58 -0.74	24.87 0.15 -0.39	26.20 0.75 -0.34	21.88 0.27 -0.85	21.15 0.14 -0.67	20.83 0.16 -0.68	19.92 0.08 -0.57	19.26 0.22 -0.46	18.76 0.14 -0.51	17.94 0.10 -0.53	17.66 0.07 -0.55	17.77 0.12 -0.72	22.47 0.00 -0.95	25.13 0.36 -0.96	21.83 0.43 -0.84	20.87 0.20 -0.54	20.58 0.36 -0.32	18.04 0.39 -0.71	19.42 0.63 -0.26
SITHE____INDEPEND 23800	17.60 -0.26 -0.39	14.52 -0.20 -0.53	14.38 -0.20 -0.40	14.20 -0.18 -0.38	14.31 -0.18 -0.44	17.79 -0.25 -0.34	23.91 -0.61 -0.18	24.66 -0.60 -0.16	20.61 -0.54 -0.39	20.12 -0.53 -0.31	19.79 -0.52 -0.31	19.03 -0.50 -0.26	18.30 -0.48 -0.21	17.87 -0.47 -0.24	17.10 -0.45 -0.25	16.85 -0.44 -0.25	16.82 -0.44 -0.33	21.35 -0.60 -0.44	23.66 -0.59 -0.44	20.45 -0.49 -0.39	19.87 -0.50 -0.25	19.55 -0.50 -0.15	16.88 -0.39 -0.33	18.36 -0.30 -0.12
SITHE____MASSENA 23902	16.32 -1.15 0.00	13.23 -0.97 0.00	13.21 -0.96 0.00	13.02 -0.98 0.00	13.08 -0.97 0.00	16.43 -1.27 0.00	22.76 -1.58 0.00	18.85 -1.66 4.61	12.69 -1.39 6.68	10.89 -1.34 8.11	10.84 -1.34 7.81	10.79 -1.27 7.21	10.72 -1.23 6.63	10.68 -1.21 6.21	10.66 -1.16 5.49	14.78 -1.14 1.12	15.78 -1.15 0.00	20.14 -1.38 0.00	22.14 -1.67 0.00	19.06 -1.50 0.00	18.71 -1.41 0.00	18.46 -1.43 0.00	15.69 -1.25 0.00	17.16 -1.37 0.00
SITHE____OGDNSBRG 24021	16.20 -1.27 0.00	13.12 -1.08 0.00	13.10 -1.08 0.00	12.89 -1.11 0.00	12.97 -1.08 0.00	16.30 -1.40 0.00	22.78 -1.56 0.00	17.25 -1.76 6.10	10.36 -1.56 8.84	8.16 -1.44 10.73	8.17 -1.48 10.34	8.34 -1.39 9.54	8.42 -1.37 8.78	8.49 -1.39 8.22	8.69 -1.35 7.27	14.23 -1.33 1.48	15.63 -1.30 0.00	20.09 -1.42 0.00	22.10 -1.71 0.00	18.91 -1.65 0.00	18.61 -1.51 0.00	18.32 -1.57 0.00	15.56 -1.39 0.00	17.00 -1.54 0.00
SITHE____STERLING 23777	18.38 0.66 -0.24	15.06 0.54 -0.33	14.96 0.54 -0.25	14.76 0.52 -0.24	14.87 0.55 -0.27	18.60 0.69 -0.21	25.59 1.14 -0.11	26.97 1.10 -0.76	22.77 0.81 -1.20	22.55 0.85 -1.35	22.07 0.76 -1.31	21.22 0.75 -1.19	20.33 0.67 -1.08	19.76 0.62 -1.03	18.83 0.59 -0.94	17.92 0.56 -0.32	17.71 0.58 -0.21	22.67 0.88 -0.28	25.18 1.10 -0.27	21.64 0.84 -0.24	21.10 0.83 -0.16	20.78 0.80 -0.09	17.79 0.64 -0.20	19.29 0.69 -0.07
SOUTH CAIRO____GT 23612	25.92 1.75 -6.70	24.76 1.45 -9.11	22.64 1.46 -7.01	22.04 1.43 -6.61	23.06 1.42 -7.59	25.36 1.74 -5.92	29.81 2.36 -3.11	30.35 2.54 -2.70	29.62 2.06 -6.81	27.63 1.95 -5.34	27.43 2.04 -5.39	25.59 1.79 -4.52	24.01 1.78 -3.65	24.03 1.85 -4.07	23.29 1.73 -4.25	23.19 1.74 -4.42	24.38 1.73 -5.72	31.38 2.30 -7.57	34.08 2.64 -7.62	29.49 2.20 -6.73	26.55 2.09 -4.34	24.55 2.07 -2.59	24.35 1.76 -5.65	22.22 1.65 -2.04
SOUTH HAMPTN____IC 23720	27.37 3.79 -6.10	25.56 3.05 -8.31	23.64 3.08 -6.39	22.95 2.93 -6.02	23.76 2.78 -6.93	26.94 3.84 -5.40	33.32 5.82 -3.17	36.30 6.43 -4.76	33.22 5.38 -7.09	30.73 5.04 -5.34	30.48 4.96 -5.53	29.63 4.68 -5.68	27.70 4.48 -4.64	28.05 4.27 -5.67	26.54 4.10 -5.14	26.78 4.09 -5.66	27.64 4.13 -6.58	35.17 5.68 -7.98	37.60 6.41 -7.38	34.14 5.51 -8.07	31.25 5.23 -5.89	28.98 5.19 -3.89	26.53 4.13 -5.45	24.21 3.82 -1.85
SOUTHOLD____IC 23719	27.51 3.93 -6.10	25.65 3.15 -8.31	23.74 3.17 -6.39	23.05 3.02 -6.02	23.86 2.88 -6.93	27.06 3.96 -5.40	33.49 5.99 -3.17	36.53 6.66 -4.76	33.39 5.54 -7.09	30.89 5.21 -5.34	30.64 5.12 -5.53	29.79 4.84 -5.68	27.83 4.61 -4.64	28.18 4.40 -5.67	26.66 4.22 -5.14	26.92 4.22 -5.66	27.78 4.27 -6.58	35.37 5.88 -7.98	37.84 6.64 -7.38	34.34 5.71 -8.07	31.45 5.43 -5.89	29.17 5.39 -3.89	26.67 4.27 -5.45	24.36 3.97 -1.85
ST LAWRENCE____ 23600	16.39 -1.08 0.00	13.29 -0.91 0.00	13.27 -0.91 0.00	13.09 -0.91 0.00	13.14 -0.91 0.00	16.53 -1.17 0.00	22.88 -1.46 0.00	19.47 -1.53 4.11	13.51 -1.29 5.96	11.86 -1.24 7.24	11.78 -1.24 6.98	11.66 -1.18 6.44	11.52 -1.13 5.92	11.44 -1.12 5.54	11.35 -1.06 4.90	15.00 -1.04 1.00	15.85 -1.08 0.00	20.22 -1.29 0.00	22.24 -1.57 0.00	19.16 -1.40 0.00	18.82 -1.31 0.00	18.56 -1.33 0.00	15.79 -1.15 0.00	17.27 -1.26 0.00
STATION 5_MISC_HYD 23604	18.35 0.14 -0.73	15.36 0.17 -0.99	15.12 0.18 -0.77	14.93 0.21 -0.72	15.10 0.22 -0.83	18.59 0.25 -0.65	24.70 0.02 -0.34	25.78 0.38 -0.30	21.52 0.02 -0.74	20.86 -0.06 -0.58	20.54 -0.04 -0.59	19.69 -0.08 -0.49	18.99 0.02 -0.40	18.50 -0.05 -0.45	17.68 -0.09 -0.46	17.42 -0.10 -0.48	17.49 -0.07 -0.63	22.19 -0.15 -0.83	24.69 0.05 -0.83	21.42 0.12 -0.73	20.58 -0.02 -0.47	20.22 0.04 -0.28	17.66 0.10 -0.62	19.00 0.24 -0.22



STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.56 0.35 -0.73	15.52 0.33 -1.00	15.27 0.33 -0.77	15.08 0.35 -0.72	15.25 0.36 -0.83	18.81 0.46 -0.65	25.17 0.49 -0.34	26.06 0.65 -0.30	21.77 0.27 -0.75	21.13 0.20 -0.59	20.79 0.20 -0.59	19.92 0.15 -0.50	19.20 0.22 -0.40	18.70 0.14 -0.45	17.88 0.10 -0.47	17.61 0.09 -0.48	17.68 0.12 -0.63	22.50 0.15 -0.83	25.03 0.38 -0.84	21.67 0.37 -0.74	20.82 0.22 -0.48	20.43 0.26 -0.28	17.80 0.24 -0.62	19.15 0.39 -0.22
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.20 0.00 -0.72	15.24 0.06 -0.99	15.00 0.07 -0.76	14.81 0.10 -0.72	14.97 0.10 -0.82	18.45 0.11 -0.64	24.53 -0.15 -0.34	25.58 0.18 -0.29	21.37 -0.12 -0.74	20.72 -0.20 -0.58	20.40 -0.18 -0.58	19.55 -0.21 -0.49	18.86 -0.11 -0.39	18.37 -0.18 -0.44	17.56 -0.21 -0.46	17.29 -0.22 -0.48	17.36 -0.19 -0.62	22.03 -0.30 -0.82	24.52 -0.12 -0.82	21.26 -0.02 -0.73	20.43 -0.16 -0.47	20.07 -0.10 -0.28	17.52 -0.03 -0.61	18.85 0.09 -0.22
STEEL___WIND 323596	18.84 0.40 -0.97	15.98 0.47 -1.31	15.67 0.48 -1.01	15.50 0.55 -0.95	15.67 0.52 -1.10	18.96 0.41 -0.85	24.84 0.05 -0.45	26.20 0.70 -0.39	22.22 0.48 -0.98	21.46 0.35 -0.77	21.15 0.38 -0.78	20.17 0.25 -0.65	19.48 0.37 -0.53	19.13 0.43 -0.59	18.28 0.36 -0.61	17.98 0.31 -0.64	18.09 0.34 -0.83	22.78 0.17 -1.09	25.53 0.62 -1.10	22.23 0.70 -0.97	21.21 0.46 -0.63	20.96 0.70 -0.37	18.44 0.68 -0.81	19.50 0.67 -0.29
STEBEN_REC_LFGE 323667	19.66 0.84 -1.34	16.79 0.77 -1.83	16.35 0.76 -1.41	16.14 0.81 -1.33	16.39 0.81 -1.52	19.79 0.90 -1.19	26.16 1.19 -0.63	27.26 1.61 -0.54	23.39 1.27 -1.37	22.57 1.16 -1.07	22.20 1.12 -1.08	21.12 0.94 -0.91	20.29 0.98 -0.73	19.96 1.03 -0.82	19.09 0.93 -0.85	18.76 0.83 -0.89	18.98 0.90 -1.15	24.07 1.03 -1.52	26.89 1.55 -1.53	23.31 1.40 -1.35	22.22 1.23 -0.87	21.77 1.35 -0.52	19.25 1.17 -1.13	20.24 1.30 -0.41
STONY___BROOK 24151	25.89 2.31 -6.10	24.33 1.83 -8.31	22.40 1.84 -6.39	21.75 1.72 -6.02	22.61 1.63 -6.93	25.36 2.27 -5.40	31.03 3.51 -3.19	33.78 3.89 -4.78	31.27 3.40 -7.11	28.92 3.21 -5.37	28.76 3.22 -5.55	28.02 3.04 -5.70	26.18 2.93 -4.67	26.64 2.84 -5.69	25.20 2.73 -5.16	25.41 2.69 -5.68	26.26 2.73 -6.61	33.01 3.51 -7.99	35.12 3.91 -7.40	32.03 3.39 -8.09	29.34 3.30 -5.92	27.11 3.30 -3.92	25.06 2.64 -5.47	22.82 2.43 -1.86
STURGEON_POOL_HYD 23609	25.06 1.26 -6.32	23.82 1.02 -8.60	21.83 1.03 -6.62	21.24 0.99 -6.24	22.19 0.97 -7.17	24.51 1.22 -5.59	29.03 1.75 -2.94	29.65 1.98 -2.55	28.94 1.74 -6.43	27.10 1.71 -5.05	26.87 1.78 -5.09	25.22 1.68 -4.27	23.64 1.62 -3.44	23.60 1.65 -3.85	22.86 1.54 -4.02	22.71 1.50 -4.17	23.86 1.52 -5.40	30.53 1.87 -7.15	33.13 2.12 -7.20	28.76 1.85 -6.36	26.03 1.81 -4.09	24.11 1.77 -2.45	23.67 1.39 -5.33	21.74 1.28 -1.93
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.50 1.31 -5.71	23.02 1.05 -7.77	21.20 1.05 -5.98	20.65 1.01 -5.64	21.51 0.98 -6.48	23.99 1.24 -5.05	28.84 1.85 -2.66	29.48 2.06 -2.31	28.44 1.87 -5.81	26.73 1.83 -4.56	26.49 1.90 -4.60	24.94 1.81 -3.86	23.43 1.75 -3.11	23.34 1.76 -3.47	22.58 1.64 -3.63	22.41 1.60 -3.77	23.43 1.63 -4.88	29.95 1.98 -6.45	32.55 2.24 -6.50	28.25 1.95 -5.74	25.75 1.93 -3.70	23.99 1.89 -2.21	23.22 1.46 -4.81	21.63 1.35 -1.74
SYNERGY___BIOGAS 323694	18.79 0.47 -0.84	15.84 0.50 -1.14	15.58 0.52 -0.88	15.42 0.59 -0.83	15.58 0.58 -0.95	19.03 0.58 -0.74	24.87 0.15 -0.39	26.20 0.75 -0.34	21.88 0.27 -0.85	21.15 0.14 -0.67	20.83 0.16 -0.68	19.92 0.08 -0.57	19.26 0.22 -0.46	18.76 0.14 -0.51	17.94 0.10 -0.53	17.66 0.07 -0.55	17.77 0.12 -0.72	22.47 0.00 -0.95	25.13 0.36 -0.96	21.83 0.43 -0.84	20.87 0.20 -0.54	20.58 0.36 -0.32	18.04 0.39 -0.71	19.42 0.63 -0.26
SYRACUSE___ENERGY_ST1 323597	18.54 0.45 -0.61	15.40 0.37 -0.83	15.18 0.37 -0.64	14.97 0.36 -0.60	15.12 0.38 -0.69	18.70 0.46 -0.54	25.16 0.53 -0.28	25.61 0.25 -0.25	21.54 0.17 -0.62	20.99 0.16 -0.49	20.63 0.14 -0.49	19.82 0.14 -0.41	19.04 0.13 -0.33	18.61 0.13 -0.37	17.81 0.12 -0.39	17.54 0.10 -0.40	17.55 0.10 -0.52	22.34 0.13 -0.69	24.77 0.26 -0.69	21.40 0.23 -0.61	20.70 0.18 -0.39	20.31 0.18 -0.24	17.61 0.15 -0.51	18.96 0.24 -0.19
SYRACUSE___ENERGY_ST2 323598	18.54 0.45 -0.61	15.40 0.37 -0.83	15.18 0.37 -0.64	14.97 0.36 -0.60	15.12 0.38 -0.69	18.70 0.46 -0.54	25.16 0.53 -0.28	25.61 0.25 -0.25	21.54 0.17 -0.62	20.99 0.16 -0.49	20.63 0.14 -0.49	19.82 0.14 -0.41	19.04 0.13 -0.33	18.61 0.13 -0.37	17.81 0.12 -0.39	17.54 0.10 -0.40	17.55 0.10 -0.52	22.34 0.13 -0.69	24.77 0.26 -0.69	21.40 0.23 -0.61	20.70 0.18 -0.39	20.31 0.18 -0.24	17.61 0.15 -0.51	18.96 0.24 -0.19
SYRACUSE___POWER 24017	18.43 0.31 -0.64	15.34 0.27 -0.87	15.10 0.26 -0.67	14.90 0.27 -0.63	15.04 0.27 -0.73	18.59 0.32 -0.57	25.00 0.37 -0.30	25.70 0.33 -0.26	21.66 0.25 -0.65	21.10 0.24 -0.51	20.73 0.22 -0.52	19.90 0.19 -0.43	19.13 0.20 -0.35	18.70 0.20 -0.39	17.88 0.17 -0.41	17.61 0.15 -0.42	17.65 0.17 -0.55	22.45 0.22 -0.72	24.87 0.33 -0.73	21.51 0.31 -0.64	20.80 0.26 -0.41	20.38 0.24 -0.25	17.69 0.20 -0.54	19.01 0.28 -0.19
TRIGEN___CC 323695	25.52 1.92 -6.13	24.00 1.48 -8.33	22.03 1.45 -6.41	21.40 1.36 -6.05	22.26 1.28 -6.93	24.94 1.82 -5.42	32.56 2.75 -5.48	34.92 3.01 -6.79	32.98 2.70 -9.52	31.58 2.64 -8.60	30.24 2.68 -7.57	30.04 2.52 -8.25	28.40 2.45 -7.37	28.79 2.43 -8.25	27.27 2.28 -7.68	27.84 2.21 -8.59	28.48 2.27 -9.28	34.09 2.71 -9.86	36.33 3.09 -9.42	33.26 2.67 -10.03	31.37 2.66 -8.59	29.52 2.67 -6.96	26.67 2.15 -7.57	22.49 2.08 -1.88
UNION___PROCESSING_DRP 323587	18.33 0.12 -0.73	15.35 0.16 -1.00	15.11 0.17 -0.77	14.92 0.20 -0.73	15.10 0.21 -0.83	18.56 0.21 -0.65	24.65 -0.02 -0.34	25.71 0.30 -0.30	21.48 -0.02 -0.75	20.83 -0.10 -0.59	20.51 -0.08 -0.59	19.65 -0.11 -0.50	18.98 0.00 -0.40	18.48 -0.07 -0.45	17.67 -0.10 -0.47	17.40 -0.12 -0.49	17.47 -0.08 -0.63	22.15 -0.19 -0.83	24.65 0.00 -0.84	21.40 0.10 -0.74	20.54 -0.06 -0.48	20.20 0.02 -0.28	17.63 0.07 -0.62	18.98 0.22 -0.22
UPPER HUDSON___HYD 24058	26.87 1.17 -8.23	26.35 0.97 -11.19	23.75 0.96 -8.61	23.10 0.98 -8.12	24.43 1.05 -9.33	26.23 1.26 -7.27	30.12 1.92 -3.86	30.45 1.98 -3.35	30.80 1.60 -8.45	28.51 1.55 -6.62	28.08 1.40 -6.68	26.19 1.31 -5.61	24.44 1.34 -4.52	24.44 1.29 -5.05	23.82 1.25 -5.27	23.76 1.24 -5.48	25.23 1.22 -7.09	32.46 1.57 -9.38	35.06 1.88 -9.37	30.40 1.56 -8.28	26.92 1.47 -5.33	24.51 1.43 -3.18	25.19 1.30 -6.94	22.84 1.80 -2.50
UPPER RAQUET___HYD 24056	15.89 -1.59 0.00	12.86 -1.34 0.00	12.84 -1.33 0.00	12.64 -1.36 0.00	12.72 -1.34 0.00	15.97 -1.73 0.00	22.29 -2.04 0.00	15.81 -2.26 7.05	8.57 -1.97 10.22	6.09 -1.85 12.40	6.17 -1.88 11.95	6.47 -1.77 11.03	6.69 -1.75 10.14	6.85 -1.76 9.50	7.23 -1.68 8.39	13.66 -1.67 1.71	15.29 -1.64 0.00	19.64 -1.87 0.00	21.62 -2.19 0.00	18.50 -2.06 0.00	18.21 -1.91 0.00	17.92 -1.97 0.00	15.22 -1.73 0.00	16.64 -1.89 0.00



VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.81 1.71 -2.62	19.17 1.41 -3.57	18.31 1.39 -2.75	17.92 1.33 -2.59	18.39 1.36 -2.98	21.65 1.63 -2.32	28.26 2.70 -1.22	28.81 2.64 -1.06	25.49 2.06 -2.68	24.56 2.12 -2.10	24.08 1.96 -2.12	22.98 1.93 -1.78	21.72 1.71 -1.43	21.32 1.61 -1.60	20.50 1.52 -1.67	20.26 1.48 -1.74	20.70 1.52 -2.25	26.66 2.17 -2.98	29.42 2.62 -2.99	25.29 2.10 -2.64	23.92 2.09 -1.70	23.02 2.11 -1.02	20.90 1.75 -2.21	21.10 1.76 -0.80
VISCHER___FERRY HYD 24020	26.95 1.29 -8.18	26.40 1.08 -11.13	23.79 1.06 -8.56	23.15 1.08 -8.07	24.43 1.11 -9.27	26.30 1.36 -7.23	30.21 2.04 -3.83	30.57 2.13 -3.32	30.86 1.74 -8.36	28.59 1.69 -6.56	28.19 1.58 -6.62	26.31 1.48 -5.55	24.52 1.47 -4.48	24.50 1.39 -5.00	23.87 1.35 -5.22	23.79 1.33 -5.42	25.31 1.35 -7.02	32.55 1.74 -9.29	35.12 2.00 -9.31	30.48 1.71 -8.22	27.05 1.63 -5.29	24.67 1.61 -3.16	25.28 1.44 -6.89	22.56 1.54 -2.49
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.83 1.45 -5.90	23.39 1.16 -8.03	21.51 1.16 -6.17	20.94 1.12 -5.82	21.84 1.10 -6.69	24.30 1.38 -5.22	29.15 2.07 -2.75	29.80 2.31 -2.38	28.86 2.10 -6.01	27.10 2.05 -4.71	26.89 2.14 -4.75	25.32 2.06 -3.99	23.76 1.97 -3.21	23.67 1.97 -3.59	22.90 1.85 -3.75	22.74 1.81 -3.89	23.80 1.83 -5.04	30.42 2.24 -6.67	33.05 2.52 -6.72	28.69 2.20 -5.93	26.12 2.17 -3.82	24.30 2.13 -2.28	23.56 1.64 -4.97	21.83 1.50 -1.80
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.30 1.71 -6.11	23.85 1.35 -8.31	21.92 1.36 -6.39	21.33 1.30 -6.03	22.24 1.27 -6.92	24.71 1.61 -5.40	29.59 2.41 -2.84	30.27 2.69 -2.47	29.42 2.45 -6.22	27.64 2.42 -4.88	27.42 2.50 -4.93	25.85 2.43 -4.15	24.31 2.34 -3.39	24.17 2.34 -3.73	23.44 2.20 -3.94	23.21 2.13 -4.04	24.31 2.15 -5.23	31.02 2.60 -6.90	33.64 2.88 -6.95	29.22 2.53 -6.14	26.62 2.54 -3.96	24.75 2.49 -2.37	24.03 1.93 -5.15	22.21 1.82 -1.86
WADING RIVER_IC_1 23522	25.96 2.38 -6.10	24.39 1.89 -8.31	22.50 1.94 -6.39	21.84 1.82 -6.02	22.70 1.73 -6.93	25.50 2.41 -5.40	31.23 3.72 -3.17	33.99 4.12 -4.76	31.42 3.57 -7.09	28.95 3.28 -5.34	28.80 3.28 -5.53	28.05 3.10 -5.68	26.21 2.99 -4.64	26.67 2.90 -5.67	25.22 2.79 -5.13	25.45 2.76 -5.65	26.30 2.79 -6.58	33.21 3.72 -7.97	35.29 4.10 -7.38	32.16 3.54 -8.07	29.36 3.34 -5.89	27.16 3.38 -3.89	25.16 2.76 -5.45	22.87 2.48 -1.85
WADING RIVER_IC_2 23547	25.96 2.38 -6.10	24.39 1.89 -8.31	22.50 1.94 -6.39	21.84 1.82 -6.02	22.70 1.73 -6.93	25.50 2.41 -5.40	31.23 3.72 -3.17	33.99 4.12 -4.76	31.42 3.57 -7.09	28.95 3.28 -5.34	28.80 3.28 -5.53	28.05 3.10 -5.68	26.21 2.99 -4.64	26.67 2.90 -5.67	25.22 2.79 -5.13	25.45 2.76 -5.65	26.30 2.79 -6.58	33.21 3.72 -7.97	35.29 4.10 -7.38	32.16 3.54 -8.07	29.36 3.34 -5.89	27.16 3.38 -3.89	25.16 2.76 -5.45	22.87 2.48 -1.85
WADING RIVER_IC_3 23601	25.96 2.38 -6.10	24.39 1.89 -8.31	22.50 1.94 -6.39	21.84 1.82 -6.02	22.70 1.73 -6.93	25.50 2.41 -5.40	31.23 3.72 -3.17	33.99 4.12 -4.76	31.42 3.57 -7.09	28.95 3.28 -5.34	28.80 3.28 -5.53	28.05 3.10 -5.68	26.21 2.99 -4.64	26.67 2.90 -5.67	25.22 2.79 -5.13	25.45 2.76 -5.65	26.30 2.79 -6.58	33.21 3.72 -7.97	35.29 4.10 -7.38	32.16 3.54 -8.07	29.36 3.34 -5.89	27.16 3.38 -3.89	25.16 2.76 -5.45	22.87 2.48 -1.85
WALDEN___HYDRO 24148	24.87 1.41 -5.98	23.47 1.14 -8.14	21.57 1.13 -6.26	21.00 1.09 -5.90	21.90 1.07 -6.78	24.35 1.36 -5.29	29.14 2.02 -2.78	29.81 2.28 -2.42	28.88 2.04 -6.09	27.09 1.97 -4.77	26.89 2.08 -4.82	25.28 1.97 -4.04	23.71 1.88 -3.26	23.65 1.90 -3.64	22.89 1.78 -3.80	22.72 1.74 -3.95	23.80 1.76 -5.11	30.47 2.20 -6.76	33.07 2.45 -6.80	28.72 2.16 -6.01	26.11 2.11 -3.87	24.25 2.05 -2.31	23.56 1.58 -5.04	21.80 1.45 -1.82
WARRENSBURG____ 23737	26.87 1.17 -8.23	26.35 0.97 -11.19	23.75 0.96 -8.61	23.10 0.98 -8.12	24.43 1.05 -9.33	26.23 1.26 -7.27	30.12 1.92 -3.86	30.45 1.98 -3.35	30.80 1.60 -8.45	28.51 1.55 -6.62	28.08 1.40 -6.68	26.19 1.31 -5.61	24.44 1.34 -4.52	24.44 1.29 -5.05	23.82 1.25 -5.27	23.76 1.24 -5.48	25.23 1.22 -7.09	32.46 1.57 -9.38	35.06 1.88 -9.37	30.40 1.56 -8.28	26.92 1.47 -5.33	24.51 1.43 -3.18	25.19 1.30 -6.94	22.84 1.80 -2.50
WATERSIDE___6 8 9 23538	25.41 1.82 -6.11	23.95 1.43 -8.32	22.00 1.43 -6.40	21.40 1.37 -6.03	22.31 1.34 -6.92	24.76 1.66 -5.40	29.61 2.43 -2.84	30.29 2.71 -2.47	29.46 2.49 -6.22	27.69 2.46 -4.89	27.45 2.52 -4.94	25.90 2.45 -4.18	24.36 2.32 -3.46	24.16 2.32 -3.74	23.50 2.20 -4.00	23.25 2.16 -4.05	24.35 2.18 -5.24	31.09 2.67 -6.91	33.72 2.95 -6.95	29.31 2.61 -6.14	26.66 2.58 -3.96	24.77 2.51 -2.37	24.10 2.00 -5.16	22.31 1.91 -1.87
WDELAWARE___HYD 323627	24.56 1.54 -5.55	22.99 1.25 -7.54	21.24 1.26 -5.80	20.69 1.22 -5.47	21.52 1.18 -6.29	24.09 1.49 -4.90	29.08 2.17 -2.58	29.76 2.41 -2.24	28.46 2.06 -5.64	26.78 2.01 -4.43	26.54 2.08 -4.47	24.96 1.95 -3.75	23.47 1.88 -3.02	23.38 1.90 -3.37	22.61 1.78 -3.52	22.45 1.76 -3.66	23.44 1.78 -4.74	30.04 2.26 -6.27	32.70 2.57 -6.31	28.33 2.20 -5.57	25.87 2.15 -3.59	24.13 2.09 -2.14	23.25 1.63 -4.67	21.72 1.50 -1.69
WEST BABYLON___IC 23714	26.01 2.43 -6.11	24.40 1.89 -8.31	22.44 1.87 -6.39	21.78 1.75 -6.03	22.63 1.66 -6.93	25.48 2.37 -5.40	31.53 3.51 -3.69	34.29 3.89 -5.29	31.81 3.38 -7.67	29.67 3.25 -6.08	29.25 3.26 -5.99	28.63 3.10 -6.26	26.83 2.99 -5.26	27.26 2.90 -6.25	25.78 2.77 -5.71	26.08 2.73 -6.32	26.90 2.78 -7.19	33.43 3.51 -8.40	35.61 3.95 -7.84	32.51 3.41 -8.54	30.01 3.36 -6.52	27.80 3.32 -4.58	25.52 2.64 -5.93	22.88 2.48 -1.86
WEST CANADA___HYD 24049	17.49 0.17 0.16	14.12 0.14 0.22	14.14 0.14 0.17	13.98 0.14 0.16	14.02 0.15 0.19	17.75 0.20 0.14	24.53 0.27 0.07	25.32 0.28 0.07	20.79 0.21 0.17	20.41 0.20 0.13	20.06 0.20 0.14	19.35 0.19 0.11	18.65 0.17 0.09	18.17 0.16 0.10	17.35 0.16 0.11	17.08 0.15 0.11	16.95 0.15 0.14	21.55 0.22 0.18	23.89 0.26 0.19	20.62 0.23 0.16	20.24 0.22 0.11	20.05 0.22 0.06	17.01 0.20 0.14	18.69 0.20 0.05
WESTERN_NY_WIND 24143	18.79 0.47 -0.84	15.84 0.50 -1.15	15.58 0.52 -0.88	15.41 0.57 -0.83	15.57 0.56 -0.96	19.03 0.58 -0.75	24.85 0.12 -0.39	26.18 0.73 -0.34	21.87 0.25 -0.86	21.14 0.12 -0.67	20.82 0.14 -0.68	19.90 0.06 -0.57	19.24 0.20 -0.46	18.77 0.14 -0.51	17.93 0.09 -0.54	17.65 0.05 -0.56	17.75 0.10 -0.72	22.45 -0.02 -0.96	25.11 0.33 -0.96	21.84 0.43 -0.85	20.85 0.18 -0.55	20.56 0.34 -0.33	18.03 0.37 -0.71	19.40 0.61 -0.26
WESTOVER___LESR 323668	20.20 0.73 -1.99	17.53 0.62 -2.71	16.88 0.62 -2.09	16.60 0.63 -1.97	16.93 0.62 -2.26	20.21 0.74 -1.76	26.29 1.02 -0.93	27.07 1.16 -0.81	23.74 0.96 -2.03	22.87 0.94 -1.59	22.50 0.90 -1.61	21.45 0.83 -1.35	20.46 0.80 -1.09	20.16 0.83 -1.21	19.33 0.76 -1.27	19.07 0.72 -1.32	19.38 0.74 -1.71	24.68 0.90 -2.26	27.23 1.14 -2.27	23.57 1.01 -2.01	22.36 0.95 -1.29	21.62 0.95 -0.77	19.41 0.78 -1.68	19.98 0.83 -0.61



WETHRSFD_WT_PWR	18.99	16.16	15.80	15.62	15.81	19.11	25.05	26.24	22.37	21.62	21.30	20.30	19.56	19.22	18.38	18.08	18.24	22.99	25.68	22.36	21.33	20.98	18.51	19.54
323626	0.40	0.44	0.45	0.52	0.49	0.42	0.19	0.68	0.48	0.39	0.40	0.27	0.37	0.43	0.36	0.31	0.36	0.22	0.60	0.68	0.48	0.66	0.63	0.67
	-1.12	-1.52	-1.17	-1.10	-1.27	-0.99	-0.52	-0.45	-1.14	-0.89	-0.90	-0.76	-0.61	-0.68	-0.71	-0.74	-0.95	-1.26	-1.27	-1.12	-0.72	-0.43	-0.94	-0.34
WHAVSTOR_138_KV_BK127_REV_LBMP_G	24.78	23.34	21.47	20.91	21.80	24.25	29.08	29.73	28.78	27.05	26.81	25.27	23.71	23.62	22.86	22.69	23.75	30.34	32.94	28.61	26.06	24.25	23.52	21.80
345015	1.40	1.11	1.12	1.08	1.05	1.33	2.00	2.23	2.01	1.99	2.06	2.00	1.91	1.92	1.80	1.76	1.78	2.15	2.40	2.12	2.11	2.07	1.59	1.46
	-5.91	-8.04	-6.18	-5.83	-6.70	-5.22	-2.75	-2.39	-6.01	-4.71	-4.76	-3.99	-3.22	-3.60	-3.75	-3.90	-5.05	-6.68	-6.72	-5.94	-3.82	-2.28	-4.98	-1.80
YORK__WARBASSE	25.48	23.99	22.05	21.43	22.34	24.80	29.66	30.37	29.51	27.74	27.52	25.96	24.34	24.14	23.47	23.30	24.42	31.20	33.84	29.41	26.76	24.87	24.17	22.39
23770	1.89	1.48	1.47	1.40	1.36	1.70	2.48	2.79	2.53	2.50	2.58	2.50	2.30	2.30	2.16	2.21	2.25	2.78	3.07	2.71	2.68	2.61	2.07	1.98
	-6.12	-8.32	-6.40	-6.03	-6.92	-5.40	-2.84	-2.47	-6.22	-4.89	-4.94	-4.18	-3.46	-3.74	-4.00	-4.05	-5.24	-6.91	-6.95	-6.14	-3.96	-2.37	-5.16	-1.87