

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

02/08/2019

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	18.27	16.92	15.90	15.29	16.40	18.48	21.86	23.79	24.27	24.92	23.26	24.51	24.46	22.48	20.52	21.73	24.80	32.19	30.12	27.95	26.12	23.06	22.96	22.21
24138	1.14	1.04	0.99	0.90	1.06	1.09	1.25	1.67	1.90	2.02	2.12	2.08	1.95	1.96	1.89	1.95	2.08	2.44	2.94	2.87	2.57	2.07	1.75	1.56
	-6.79	-6.37	-5.57	-5.72	-4.99	-7.00	-9.71	-7.64	-7.68	-6.86	-4.92	-6.54	-7.66	-5.59	-4.08	-4.51	-6.32	-10.99	-4.25	-3.17	-4.11	-4.95	-6.65	-6.18
74TH STREET_GT_1	18.29	16.93	15.91	15.30	16.42	18.50	21.87	23.81	25.47	27.34	23.32	25.50	25.54	23.03	20.58	22.16	25.25	32.22	30.15	28.08	26.23	23.08	22.98	22.24
24260	1.15	1.05	1.00	0.92	1.07	1.11	1.26	1.68	1.90	2.04	2.12	2.08	1.95	1.96	1.89	1.97	2.10	2.46	2.96	2.89	2.57	2.08	1.76	1.59
	-6.79	-6.37	-5.57	-5.72	-4.99	-7.00	-9.72	-7.64	-8.87	-9.26	-4.98	-7.53	-8.74	-6.14	-4.15	-4.92	-6.75	-11.00	-4.25	-3.28	-4.21	-4.95	-6.65	-6.18
74TH STREET_GT_2	18.29	16.93	15.91	15.30	16.42	18.50	21.87	23.81	25.47	27.34	23.32	25.50	25.54	23.03	20.58	22.16	25.25	32.22	30.15	28.08	26.23	23.08	22.98	22.24
24261	1.15	1.05	1.00	0.92	1.07	1.11	1.26	1.68	1.90	2.04	2.12	2.08	1.95	1.96	1.89	1.97	2.10	2.46	2.96	2.89	2.57	2.08	1.76	1.59
	-6.79	-6.37	-5.57	-5.72	-4.99	-7.00	-9.72	-7.64	-8.87	-9.26	-4.98	-7.53	-8.74	-6.14	-4.15	-4.92	-6.75	-11.00	-4.25	-3.28	-4.21	-4.95	-6.65	-6.18
ADK HUDSON___FALLS	20.63	19.17	17.97	17.39	18.31	21.06	25.41	26.61	24.39	22.22	23.89	23.74	22.92	23.20	21.72	22.37	24.84	35.67	31.34	28.35	26.91	24.44	25.09	24.22
24011	1.04	0.98	0.98	0.93	1.15	1.13	1.28	1.72	1.78	1.97	1.95	1.94	1.86	1.81	1.76	1.83	1.89	2.21	2.73	2.43	2.18	1.80	1.63	1.48
	-9.24	-8.67	-7.65	-7.80	-6.80	-9.54	-13.23	-10.40	-7.92	-4.21	-5.72	-5.92	-6.21	-6.46	-5.42	-5.28	-6.56	-14.69	-5.68	-4.01	-5.28	-6.60	-8.89	-8.28
ADK RESOURCE___RCVRY	20.64	19.17	17.99	17.39	18.34	21.09	25.41	26.70	24.49	22.38	24.06	23.89	23.05	23.31	21.86	22.51	24.99	35.77	31.55	28.58	27.12	24.62	25.18	24.26
23798	1.13	1.06	1.06	1.00	1.24	1.24	1.39	1.90	1.94	2.16	2.16	2.13	2.04	1.97	1.94	2.01	2.08	2.42	2.98	2.69	2.43	2.02	1.79	1.59
	-9.17	-8.60	-7.59	-7.74	-6.74	-9.46	-13.12	-10.32	-7.86	-4.18	-5.68	-5.87	-6.16	-6.41	-5.37	-5.24	-6.50	-14.58	-5.63	-3.97	-5.24	-6.55	-8.82	-8.20
ADK S GLENS___FALLS	20.63	19.17	17.97	17.39	18.31	21.06	25.41	26.61	24.39	22.22	23.89	23.74	22.92	23.20	21.72	22.37	24.84	35.67	31.34	28.35	26.91	24.44	25.09	24.22
24028	1.04	0.98	0.98	0.93	1.15	1.13	1.28	1.72	1.78	1.97	1.95	1.94	1.86	1.81	1.76	1.83	1.89	2.21	2.73	2.43	2.18	1.80	1.63	1.48
	-9.24	-8.67	-7.65	-7.80	-6.80	-9.54	-13.23	-10.40	-7.92	-4.21	-5.72	-5.92	-6.21	-6.46	-5.42	-5.28	-6.56	-14.69	-5.68	-4.01	-5.28	-6.60	-8.89	-8.28
ADK_NYS___DAM	20.19	18.74	17.55	16.98	17.86	20.58	24.80	25.96	23.79	21.63	23.32	23.16	22.30	22.60	21.18	21.81	24.28	34.84	30.58	27.74	26.33	23.92	24.48	23.67
23527	0.79	0.73	0.72	0.68	0.84	0.85	0.95	1.29	1.34	1.47	1.49	1.48	1.37	1.34	1.32	1.37	1.46	1.69	2.09	1.91	1.71	1.41	1.21	1.11
	-9.05	-8.50	-7.49	-7.64	-6.66	-9.35	-12.96	-10.19	-7.76	-4.12	-5.61	-5.80	-6.08	-6.33	-5.31	-5.17	-6.42	-14.39	-5.56	-3.92	-5.17	-6.47	-8.71	-8.09
AIR_PRODUCTS___DRP	19.76	18.34	17.18	16.61	17.46	20.10	24.10	25.11	22.88	20.76	22.42	22.25	21.45	21.75	20.34	20.94	23.32	33.55	29.31	26.64	25.30	22.99	23.76	23.20
24190	0.60	0.55	0.54	0.50	0.61	0.61	0.59	0.70	0.63	0.70	0.73	0.72	0.67	0.66	0.63	0.64	0.67	0.79	0.96	0.92	0.82	0.66	0.73	0.87
	-8.81	-8.27	-7.30	-7.44	-6.49	-9.10	-12.62	-9.92	-7.56	-4.02	-5.46	-5.65	-5.92	-6.16	-5.17	-5.04	-6.24	-13.99	-5.41	-3.81	-5.03	-6.29	-8.47	-7.87
ALBANY___1	19.76	18.34	17.18	16.61	17.46	20.10	24.10	25.11	22.88	20.76	22.42	22.25	21.45	21.75	20.34	20.94	23.32	33.55	29.31	26.64	25.30	22.99	23.76	23.20
23571	0.60	0.55	0.54	0.50	0.61	0.61	0.59	0.70	0.63	0.70	0.73	0.72	0.67	0.66	0.63	0.64	0.67	0.79	0.96	0.92	0.82	0.66	0.73	0.87
	-8.81	-8.27	-7.30	-7.44	-6.49	-9.10	-12.62	-9.92	-7.56	-4.02	-5.46	-5.65	-5.92	-6.16	-5.17	-5.04	-6.24	-13.99	-5.41	-3.81	-5.03	-6.29	-8.47	-7.87
ALBANY___2	19.76	18.34	17.18	16.61	17.46	20.10	24.10	25.11	22.88	20.76	22.42	22.25	21.45	21.75	20.34	20.94	23.32	33.55	29.31	26.64	25.30	22.99	23.76	23.20
23572	0.60	0.55	0.54	0.50	0.61	0.61	0.59	0.70	0.63	0.70	0.73	0.72	0.67	0.66	0.63	0.64	0.67	0.79	0.96	0.92	0.82	0.66	0.73	0.87
	-8.81	-8.27	-7.30	-7.44	-6.49	-9.10	-12.62	-9.92	-7.56	-4.02	-5.46	-5.65	-5.92	-6.16	-5.17	-5.04	-6.24	-13.99	-5.41	-3.81	-5.03	-6.29	-8.47	-7.87
ALBANY___3	19.76	18.34	17.18	16.61	17.46	20.10	24.10	25.11	22.88	20.76	22.42	22.25	21.45	21.75	20.34	20.94	23.32	33.55	29.31	26.64	25.30	22.99	23.76	23.20
23573	0.60	0.55	0.54	0.50	0.61	0.61	0.59	0.70	0.63	0.70	0.73	0.72	0.67	0.66	0.63	0.64	0.67	0.79	0.96	0.92	0.82	0.66	0.73	0.87
	-8.81	-8.27	-7.30	-7.44	-6.49	-9.10	-12.62	-9.92	-7.56	-4.02	-5.46	-5.65	-5.92	-6.16	-5.17	-5.04	-6.24	-13.99	-5.41	-3.81	-5.03	-6.29	-8.47	-7.87
ALBANY___4	19.76	18.34	17.18	16.61	17.46	20.10	24.10	25.11	22.88	20.76	22.42	22.25	21.45	21.75	20.34	20.94	23.32	33.55	29.31	26.64	25.30	22.99	23.76	23.20
23574	0.60	0.55	0.54	0.50	0.61	0.61	0.59	0.70	0.63	0.70	0.73	0.72	0.67	0.66	0.63	0.64	0.67	0.79	0.96	0.92	0.82	0.66	0.73	0.87
	-8.81	-8.27	-7.30	-7.44	-6.49	-9.10	-12.62	-9.92	-7.56	-4.02	-5.46	-5.65	-5.92	-6.16	-5.17	-5.04	-6.24	-13.99	-5.41	-3.81	-5.03	-6.29	-8.47	-7.87



ALBANY___LFGE 323615	19.98 0.69 -8.94	18.54 0.64 -8.39	17.37 0.63 -7.40	16.79 0.58 -7.55	17.64 0.70 -6.58	20.31 0.70 -9.23	24.41 0.72 -12.80	25.43 0.88 -10.06	23.21 0.85 -7.66	21.06 0.95 -4.07	22.72 0.96 -5.54	22.55 0.94 -5.73	21.74 0.88 -6.01	22.05 0.87 -6.25	20.62 0.83 -5.24	21.23 0.85 -5.11	23.62 0.89 -6.33	34.02 1.07 -14.18	29.70 1.28 -5.48	27.00 1.23 -3.87	25.64 1.09 -5.10	23.30 0.88 -6.38	24.05 0.90 -8.58	23.44 1.00 -7.98
ALCOA_RYNLDS___DRP 24188	9.91 -0.43 0.00	9.11 -0.40 0.00	8.96 -0.38 0.00	8.30 -0.36 0.00	9.89 -0.47 0.00	9.87 -0.52 0.00	10.21 -0.69 0.00	13.50 -0.99 0.00	13.69 -1.00 0.00	14.96 -1.07 0.00	15.00 -1.15 0.07	14.76 -1.13 0.00	13.80 -1.05 0.00	13.95 -0.99 0.00	13.57 -0.97 0.00	14.27 -0.99 0.00	15.29 -1.12 0.00	17.38 -1.39 0.00	21.28 -1.65 0.00	20.33 -1.58 0.00	18.03 -1.42 0.00	14.97 -1.07 0.00	13.62 -0.95 0.00	13.58 -0.88 0.00
ALCOA___DSASP 323711	9.91 -0.43 0.00	9.11 -0.40 0.00	8.96 -0.38 0.00	8.30 -0.36 0.00	9.89 -0.47 0.00	9.87 -0.52 0.00	10.21 -0.69 0.00	13.50 -0.99 0.00	13.69 -1.00 0.00	14.96 -1.07 0.00	15.00 -1.15 0.07	14.76 -1.13 0.00	13.80 -1.05 0.00	13.95 -0.99 0.00	13.57 -0.97 0.00	14.27 -0.99 0.00	15.29 -1.12 0.00	17.38 -1.39 0.00	21.28 -1.65 0.00	20.33 -1.58 0.00	18.03 -1.42 0.00	14.97 -1.07 0.00	13.62 -0.95 0.00	13.58 -0.88 0.00
ALLEGHENY___COGEN 23514	11.65 0.12 -1.17	10.72 0.10 -1.10	10.41 0.09 -0.97	9.76 0.10 -1.00	11.40 0.18 -0.87	11.98 0.37 -1.22	13.21 0.63 -1.69	16.64 0.81 -1.34	16.20 0.48 -1.02	17.04 0.47 -0.54	17.69 0.73 -0.74	17.40 0.75 -0.76	16.41 0.76 -0.80	16.37 0.60 -0.83	15.79 0.54 -0.70	16.42 0.47 -0.68	17.80 0.56 -0.84	21.62 0.98 -1.88	24.76 1.10 -0.73	23.38 0.96 -0.51	21.04 0.91 -0.68	17.55 0.66 -0.85	16.28 0.58 -1.14	16.26 0.74 -1.06
ALTONA_WT_PWR 323606	9.87 -0.48 0.00	9.08 -0.44 0.00	8.93 -0.41 0.00	8.26 -0.41 0.00	9.83 -0.53 0.00	9.82 -0.56 0.00	10.14 -0.75 0.00	13.52 -0.97 0.00	13.68 -1.01 0.00	14.93 -1.11 0.00	15.00 -1.15 0.07	14.76 -1.13 0.00	13.80 -1.05 0.00	13.98 -0.96 0.00	13.60 -0.95 0.00	14.27 -0.99 0.00	15.34 -1.07 0.00	17.43 -1.33 0.00	21.35 -1.58 0.00	20.40 -1.51 0.00	18.07 -1.38 0.00	14.97 -1.07 0.00	13.57 -0.99 0.00	13.54 -0.93 0.00
AMERICAN_REF_FUEL 24010	10.75 -0.64 -1.04	9.91 -0.58 -0.98	9.62 -0.58 -0.86	9.02 -0.52 -0.88	10.52 -0.61 -0.77	10.93 -0.53 -1.08	12.05 -0.34 -1.49	15.05 -0.62 -1.19	14.83 -0.76 -0.91	15.62 -0.90 -0.48	16.21 -0.67 -0.65	15.94 -0.62 -0.68	15.04 -0.52 -0.71	15.05 -0.63 -0.74	14.51 -0.65 -0.62	15.04 -0.82 -0.60	16.30 -0.85 -0.75	19.66 -0.77 -1.67	22.58 -0.94 -0.59	21.38 -0.99 -0.45	19.37 -0.68 -0.60	16.17 -0.63 -0.75	15.06 -0.51 -1.01	14.79 -0.61 -0.94
ARKWRIGHT___SUMMIT_WT_PWR 323751	11.15 -0.37 -1.18	10.28 -0.33 -1.10	9.95 -0.36 -0.97	9.35 -0.31 -1.00	10.88 -0.35 -0.87	11.34 -0.26 -1.22	12.60 0.02 -1.69	15.87 0.04 -1.34	15.64 -0.07 -1.02	16.45 -0.13 -0.54	17.14 0.18 -0.74	16.83 0.18 -0.76	15.86 0.21 -0.80	15.89 0.12 -0.83	15.28 0.03 -0.70	15.82 -0.12 -0.68	17.13 -0.11 -0.84	20.87 0.23 -1.88	24.12 0.41 -0.77	22.69 0.26 -0.51	20.50 0.37 -0.68	17.11 0.22 -0.85	15.89 0.19 -1.14	15.44 -0.09 -1.06
ARTHUR_KILL_GT_1 23520	18.32 1.18 -6.79	16.94 1.06 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.44 1.05 -7.00	21.76 1.15 -9.72	23.64 1.51 -7.64	25.26 1.69 -8.87	27.11 1.81 -9.26	23.11 1.91 -4.98	25.29 1.87 -7.53	25.34 1.75 -8.74	22.83 1.76 -6.14	20.40 1.70 -4.15	21.96 1.77 -4.92	25.07 1.92 -6.75	32.05 2.29 -11.00	29.96 2.77 -4.25	27.88 2.69 -3.28	26.05 2.39 -4.21	22.95 1.96 -4.95	22.89 1.67 -6.65	22.21 1.56 -6.18
ARTHUR_KILL_2 23512	18.32 1.18 -6.79	16.94 1.06 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.44 1.05 -7.00	21.76 1.15 -9.72	23.64 1.51 -7.64	25.26 1.69 -8.87	27.11 1.81 -9.26	23.11 1.91 -4.98	25.29 1.87 -7.53	25.34 1.75 -8.74	22.83 1.76 -6.14	20.40 1.70 -4.15	21.96 1.77 -4.92	25.07 1.92 -6.75	32.05 2.29 -11.00	29.96 2.77 -4.25	27.88 2.69 -3.28	26.05 2.39 -4.21	22.95 1.96 -4.95	22.89 1.67 -6.65	22.21 1.56 -6.18
ARTHUR_KILL_3 23513	18.27 1.14 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.30 0.91 -5.72	16.41 1.06 -4.99	18.50 1.11 -7.00	21.88 1.27 -9.72	23.78 1.65 -7.64	24.88 1.88 -8.31	26.16 2.00 -8.12	23.26 2.09 -4.95	25.00 2.05 -7.06	25.00 1.92 -8.22	22.74 1.93 -5.88	20.53 1.86 -4.11	21.91 1.92 -4.73	24.99 2.05 -6.54	32.14 2.38 -10.99	30.05 2.87 -4.25	27.96 2.83 -3.23	26.16 2.55 -4.16	23.05 2.05 -4.95	22.95 1.73 -6.65	22.18 1.53 -6.18
ARTHUR_KILL_COGEN 323718	18.32 1.18 -6.79	16.94 1.06 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.44 1.05 -7.00	21.76 1.15 -9.72	23.64 1.51 -7.64	25.26 1.69 -8.87	27.11 1.81 -9.26	23.11 1.91 -4.98	25.29 1.87 -7.53	25.34 1.75 -8.74	22.83 1.76 -6.14	20.40 1.70 -4.15	21.96 1.77 -4.92	25.07 1.92 -6.75	32.05 2.29 -11.00	29.96 2.77 -4.25	27.88 2.69 -3.28	26.05 2.39 -4.21	22.95 1.96 -4.95	22.89 1.67 -6.65	22.21 1.56 -6.18
ASHOKAN____ 23654	18.56 0.85 -7.36	17.18 0.76 -6.91	16.15 0.72 -6.09	15.57 0.68 -6.23	16.57 0.79 -5.43	18.80 0.80 -7.62	22.34 0.88 -10.56	23.81 1.01 -8.31	22.28 1.26 -6.33	20.68 1.28 -3.36	22.06 1.27 -4.57	21.77 1.16 -4.73	20.93 1.11 -4.96	21.41 1.31 -5.16	20.14 1.27 -4.33	20.79 1.31 -4.22	23.16 1.57 -5.18	32.42 2.05 -11.61	29.99 2.57 -4.49	27.57 2.50 -3.16	25.78 2.16 -4.17	23.07 1.81 -5.22	23.13 1.54 -7.02	22.27 1.27 -6.53
ASTORIA_EAST_ENERGY_CC1 323581	18.41 1.26 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.38 0.99 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.87 1.26 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.27 2.11 -4.94	25.00 2.06 -7.05	25.00 1.93 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.94 1.95 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.05 2.87 -4.25	27.95 2.83 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_EAST_ENERGY_CC2 323582	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT2_I 24094	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19



ASTORIA_GT2_2 24095	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT2_3 24096	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT2_4 24097	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT3_1 24098	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT3_2 24099	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT3_3 24100	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT3_4 24101	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT4_1 24102	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT4_2 24103	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT4_3 24104	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT4_4 24105	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT_1 23523	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT_10 24110	18.33 1.19 -6.79	16.97 1.09 -6.37	15.95 1.04 -5.57	15.33 0.94 -5.72	16.46 1.11 -4.99	18.53 1.14 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.32 2.12 -4.98	25.48 2.06 -7.53	25.52 1.93 -8.74	23.03 1.96 -6.14	20.58 1.89 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.20 2.44 -11.00	30.15 2.96 -4.25	28.06 2.87 -3.28	26.21 2.55 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18
ASTORIA_GT_11 24225	18.33 1.19 -6.79	16.97 1.09 -6.37	15.95 1.04 -5.57	15.33 0.94 -5.72	16.46 1.11 -4.99	18.53 1.14 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.32 2.12 -4.98	25.48 2.06 -7.53	25.52 1.93 -8.74	23.03 1.96 -6.14	20.58 1.89 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.20 2.44 -11.00	30.15 2.96 -4.25	28.06 2.87 -3.28	26.21 2.55 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18
ASTORIA_GT_12 24226	18.33 1.19 -6.79	16.97 1.09 -6.37	15.95 1.04 -5.57	15.33 0.94 -5.72	16.46 1.11 -4.99	18.53 1.14 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.32 2.12 -4.98	25.48 2.06 -7.53	25.52 1.93 -8.74	23.03 1.96 -6.14	20.58 1.89 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.20 2.44 -11.00	30.15 2.96 -4.25	28.06 2.87 -3.28	26.21 2.55 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18



ASTORIA_GT_13 24227	18.33 1.19 -6.79	16.97 1.09 -6.37	15.95 1.04 -5.57	15.33 0.94 -5.72	16.46 1.11 -4.99	18.53 1.14 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.32 2.12 -4.98	25.48 2.06 -7.53	25.52 1.93 -8.74	23.03 1.96 -6.14	20.58 1.89 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.20 2.44 -11.00	30.15 2.96 -4.25	28.06 2.87 -3.28	26.21 2.55 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18
ASTORIA_GT_5 24106	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT_7 24107	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA_GT_8 24108	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA___2 24149	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA___3 23516	18.33 1.19 -6.79	16.97 1.09 -6.37	15.95 1.04 -5.57	15.33 0.94 -5.72	16.46 1.11 -4.99	18.53 1.14 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.32 2.12 -4.98	25.48 2.06 -7.53	25.52 1.93 -8.74	23.03 1.96 -6.14	20.58 1.89 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.20 2.44 -11.00	30.15 2.96 -4.25	28.06 2.87 -3.28	26.21 2.55 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18
ASTORIA___4 23517	18.42 1.27 -6.80	17.05 1.16 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.52 1.16 -5.00	18.60 1.20 -7.01	21.88 1.27 -9.72	23.77 1.64 -7.64	24.87 1.88 -8.30	26.15 2.00 -8.11	23.29 2.12 -4.94	25.00 2.06 -7.05	25.01 1.95 -8.21	22.76 1.96 -5.87	20.53 1.88 -4.11	21.95 1.97 -4.72	25.02 2.08 -6.53	32.15 2.40 -10.99	30.08 2.89 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.04 2.05 -4.94	22.98 1.76 -6.65	22.32 1.66 -6.19
ASTORIA___5 23518	18.33 1.19 -6.79	16.97 1.09 -6.37	15.95 1.04 -5.57	15.33 0.94 -5.72	16.46 1.11 -4.99	18.53 1.14 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.32 2.12 -4.98	25.48 2.06 -7.53	25.52 1.93 -8.74	23.03 1.96 -6.14	20.58 1.89 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.20 2.44 -11.00	30.15 2.96 -4.25	28.06 2.87 -3.28	26.21 2.55 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18
AST_ENERGY_2_CC3 323677	18.26 1.13 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.30 0.91 -5.72	16.41 1.06 -4.99	18.49 1.10 -7.00	21.85 1.24 -9.72	23.77 1.64 -7.64	24.86 1.87 -8.30	26.14 1.99 -8.11	23.25 2.08 -4.95	24.98 2.03 -7.06	24.98 1.90 -8.22	22.72 1.91 -5.88	20.51 1.85 -4.11	21.90 1.91 -4.73	24.98 2.03 -6.54	32.14 2.38 -10.99	30.08 2.89 -4.25	27.96 2.83 -3.23	26.12 2.51 -4.16	23.03 2.04 -4.95	22.95 1.73 -6.65	22.21 1.56 -6.18
AST_ENERGY_2_CC4 323678	18.26 1.13 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.30 0.91 -5.72	16.41 1.06 -4.99	18.49 1.10 -7.00	21.85 1.24 -9.72	23.77 1.64 -7.64	24.86 1.87 -8.30	26.14 1.99 -8.11	23.25 2.08 -4.95	24.98 2.03 -7.06	24.98 1.90 -8.22	22.72 1.91 -5.88	20.51 1.85 -4.11	21.90 1.91 -4.73	24.98 2.03 -6.54	32.14 2.38 -10.99	30.08 2.89 -4.25	27.96 2.83 -3.23	26.12 2.51 -4.16	23.03 2.04 -4.95	22.95 1.73 -6.65	22.21 1.56 -6.18
ATHENS_STG_1 23668	18.72 0.63 -7.74	17.36 0.58 -7.26	16.30 0.56 -6.40	15.71 0.52 -6.52	16.66 0.61 -5.69	19.00 0.63 -7.98	22.67 0.71 -11.07	24.12 0.93 -8.70	22.35 1.03 -6.63	20.66 1.11 -3.52	22.18 1.17 -4.79	21.98 1.14 -4.95	21.12 1.07 -5.19	21.40 1.06 -5.40	20.11 1.03 -4.53	20.75 1.07 -4.42	23.04 1.18 -5.46	32.34 1.39 -12.19	29.32 1.67 -4.71	26.85 1.62 -3.32	25.29 1.46 -4.38	22.71 1.19 -5.48	22.96 1.02 -7.38	22.25 0.93 -6.86
ATHENS_STG_2 23670	18.72 0.63 -7.74	17.36 0.58 -7.26	16.30 0.56 -6.40	15.71 0.52 -6.52	16.66 0.61 -5.69	19.00 0.63 -7.98	22.67 0.71 -11.07	24.12 0.93 -8.70	22.35 1.03 -6.63	20.66 1.11 -3.52	22.18 1.17 -4.79	21.98 1.14 -4.95	21.12 1.07 -5.19	21.40 1.06 -5.40	20.11 1.03 -4.53	20.75 1.07 -4.42	23.04 1.18 -5.46	32.34 1.39 -12.19	29.32 1.67 -4.71	26.85 1.62 -3.32	25.29 1.46 -4.38	22.71 1.19 -5.48	22.96 1.02 -7.38	22.25 0.93 -6.86
ATHENS_STG_3 23677	18.72 0.63 -7.74	17.36 0.58 -7.26	16.30 0.56 -6.40	15.71 0.52 -6.52	16.66 0.61 -5.69	19.00 0.63 -7.98	22.67 0.71 -11.07	24.12 0.93 -8.70	22.35 1.03 -6.63	20.66 1.11 -3.52	22.18 1.17 -4.79	21.98 1.14 -4.95	21.12 1.07 -5.19	21.40 1.06 -5.40	20.11 1.03 -4.53	20.75 1.07 -4.42	23.04 1.18 -5.46	32.34 1.39 -12.19	29.32 1.67 -4.71	26.85 1.62 -3.32	25.29 1.46 -4.38	22.71 1.19 -5.48	22.96 1.02 -7.38	22.25 0.93 -6.86
AUBURN___LFGE 323710	11.27 0.06 -0.86	10.38 0.06 -0.81	10.09 0.04 -0.71	9.43 0.04 -0.73	11.07 0.07 -0.64	11.42 0.15 -0.89	12.39 0.26 -1.24	15.86 0.38 -0.99	15.76 0.31 -0.76	16.76 0.32 -0.40	17.22 0.45 -0.55	16.86 0.41 -0.57	15.85 0.40 -0.59	15.91 0.36 -0.62	15.39 0.32 -0.52	16.07 0.31 -0.50	17.35 0.33 -0.62	20.65 0.51 -1.38	24.13 0.67 -0.53	22.90 0.61 -0.38	20.47 0.53 -0.50	17.05 0.38 -0.62	15.72 0.32 -0.83	15.56 0.32 -0.78
BABYLON_RES_REC 323704	18.52 1.39 -6.78	17.17 1.29 -6.37	16.20 1.27 -5.59	15.56 1.15 -5.74	16.69 1.34 -4.99	18.79 1.40 -7.00	23.55 1.62 -11.03	25.41 2.16 -8.76	24.87 2.38 -7.80	25.20 2.40 -6.76	26.87 2.55 -8.10	24.88 2.49 -6.50	24.45 2.35 -7.25	23.86 2.36 -6.57	23.51 2.28 -6.68	23.93 2.38 -6.29	28.00 2.54 -9.06	34.45 2.98 -12.70	33.89 3.65 -7.30	32.49 3.48 -7.09	31.04 3.11 -8.48	28.77 2.53 -10.19	25.63 2.26 -8.81	23.65 2.07 -7.12



BARRETT_IC_1 23704	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.94	39.37 2.10 -21.23	35.32 2.22 -16.87	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.59	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.56	37.53 2.69 -15.39	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BARRETT_IC_10 23701	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.95	39.37 2.10 -21.24	35.32 2.22 -16.88	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.60	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.57	37.53 2.69 -15.40	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BARRETT_IC_11 23702	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.95	39.37 2.10 -21.24	35.32 2.22 -16.88	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.60	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.57	37.53 2.69 -15.40	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BARRETT_IC_12 23703	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.95	39.37 2.10 -21.24	35.32 2.22 -16.88	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.60	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.57	37.53 2.69 -15.40	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BARRETT_IC_2 23705	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.94	39.37 2.10 -21.23	35.32 2.22 -16.87	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.59	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.56	37.53 2.69 -15.39	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BARRETT_IC_3 23706	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.94	39.37 2.10 -21.23	35.32 2.22 -16.87	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.59	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.56	37.53 2.69 -15.39	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BARRETT_IC_4 23707	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.94	39.37 2.10 -21.23	35.32 2.22 -16.87	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.59	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.56	37.53 2.69 -15.39	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BARRETT_IC_5 23708	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.94	39.37 2.10 -21.23	35.32 2.22 -16.87	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.59	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.56	37.53 2.69 -15.39	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BARRETT_IC_6 23709	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.94	39.37 2.10 -21.23	35.32 2.22 -16.87	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.59	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.56	37.53 2.69 -15.39	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BARRETT_IC_7 23710	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.94	39.37 2.10 -21.23	35.32 2.22 -16.87	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.59	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.56	37.53 2.69 -15.39	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BARRETT_IC_8 23711	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.94	39.37 2.10 -21.23	35.32 2.22 -16.87	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.59	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.56	37.53 2.69 -15.39	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BARRETT_IC_9 23700	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.95	39.37 2.10 -21.24	35.32 2.22 -16.88	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.60	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.57	37.53 2.69 -15.40	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BARRETT___1 23545	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.94	39.37 2.10 -21.23	35.32 2.22 -16.87	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.59	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.56	37.53 2.69 -15.39	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BARRETT___2 23546	18.41 1.27 -6.79	17.07 1.18 -6.37	16.11 1.17 -5.60	15.47 1.06 -5.75	16.59 1.23 -5.00	18.66 1.27 -7.01	35.74 1.44 -23.41	35.74 1.88 -19.37	35.74 2.10 -18.95	39.37 2.10 -21.24	35.32 2.22 -16.88	35.32 2.18 -17.26	34.15 2.06 -17.23	34.15 2.08 -17.14	34.15 2.01 -17.60	34.15 2.09 -16.80	37.53 2.18 -18.95	38.12 2.53 -16.82	47.78 3.10 -21.75	42.43 2.96 -17.57	37.53 2.69 -15.40	37.53 2.20 -19.29	34.15 1.97 -17.62	32.24 1.79 -15.98
BAYONEEC___CTG1 323682	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.88 1.27 -9.72	23.79 1.67 -7.64	24.90 1.90 -8.31	26.17 2.02 -8.12	23.29 2.12 -4.95	25.01 2.06 -7.06	25.01 1.93 -8.22	22.77 1.96 -5.88	20.54 1.88 -4.11	21.95 1.95 -4.73	25.03 2.08 -6.54	32.18 2.42 -10.99	30.10 2.91 -4.25	28.00 2.87 -3.23	26.18 2.57 -4.16	23.06 2.07 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18



BAYONEEC___CTG10 323750	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.88 1.27 -9.72	23.79 1.67 -7.64	24.90 1.90 -8.31	26.17 2.02 -8.12	23.29 2.12 -4.95	25.01 2.06 -7.06	25.01 1.93 -8.22	22.77 1.96 -5.88	20.54 1.88 -4.11	21.95 1.95 -4.73	25.03 2.08 -6.54	32.18 2.42 -10.99	30.10 2.91 -4.25	28.00 2.87 -3.23	26.18 2.57 -4.16	23.06 2.07 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
BAYONEEC___CTG2 323683	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.88 1.27 -9.72	23.79 1.67 -7.64	24.90 1.90 -8.31	26.17 2.02 -8.12	23.29 2.12 -4.95	25.01 2.06 -7.06	25.01 1.93 -8.22	22.77 1.96 -5.88	20.54 1.88 -4.11	21.95 1.95 -4.73	25.03 2.08 -6.54	32.18 2.42 -10.99	30.10 2.91 -4.25	28.00 2.87 -3.23	26.18 2.57 -4.16	23.06 2.07 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
BAYONEEC___CTG3 323684	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.88 1.27 -9.72	23.79 1.67 -7.64	24.90 1.90 -8.31	26.17 2.02 -8.12	23.29 2.12 -4.95	25.01 2.06 -7.06	25.01 1.93 -8.22	22.77 1.96 -5.88	20.54 1.88 -4.11	21.95 1.95 -4.73	25.03 2.08 -6.54	32.18 2.42 -10.99	30.10 2.91 -4.25	28.00 2.87 -3.23	26.18 2.57 -4.16	23.06 2.07 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
BAYONEEC___CTG4 323685	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.88 1.27 -9.72	23.79 1.67 -7.64	24.90 1.90 -8.31	26.17 2.02 -8.12	23.29 2.12 -4.95	25.01 2.06 -7.06	25.01 1.93 -8.22	22.77 1.96 -5.88	20.54 1.88 -4.11	21.95 1.95 -4.73	25.03 2.08 -6.54	32.18 2.42 -10.99	30.10 2.91 -4.25	28.00 2.87 -3.23	26.18 2.57 -4.16	23.06 2.07 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
BAYONEEC___CTG5 323686	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.88 1.27 -9.72	23.79 1.67 -7.64	24.90 1.90 -8.31	26.17 2.02 -8.12	23.29 2.12 -4.95	25.01 2.06 -7.06	25.01 1.93 -8.22	22.77 1.96 -5.88	20.54 1.88 -4.11	21.95 1.95 -4.73	25.03 2.08 -6.54	32.18 2.42 -10.99	30.10 2.91 -4.25	28.00 2.87 -3.23	26.18 2.57 -4.16	23.06 2.07 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
BAYONEEC___CTG6 323687	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.88 1.27 -9.72	23.79 1.67 -7.64	24.90 1.90 -8.31	26.17 2.02 -8.12	23.29 2.12 -4.95	25.01 2.06 -7.06	25.01 1.93 -8.22	22.77 1.96 -5.88	20.54 1.88 -4.11	21.95 1.95 -4.73	25.03 2.08 -6.54	32.18 2.42 -10.99	30.10 2.91 -4.25	28.00 2.87 -3.23	26.18 2.57 -4.16	23.06 2.07 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
BAYONEEC___CTG7 323688	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.88 1.27 -9.72	23.79 1.67 -7.64	24.90 1.90 -8.31	26.17 2.02 -8.12	23.29 2.12 -4.95	25.01 2.06 -7.06	25.01 1.93 -8.22	22.77 1.96 -5.88	20.54 1.88 -4.11	21.95 1.95 -4.73	25.03 2.08 -6.54	32.18 2.42 -10.99	30.10 2.91 -4.25	28.00 2.87 -3.23	26.18 2.57 -4.16	23.06 2.07 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
BAYONEEC___CTG8 323689	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.88 1.27 -9.72	23.79 1.67 -7.64	24.90 1.90 -8.31	26.17 2.02 -8.12	23.29 2.12 -4.95	25.01 2.06 -7.06	25.01 1.93 -8.22	22.77 1.96 -5.88	20.54 1.88 -4.11	21.95 1.95 -4.73	25.03 2.08 -6.54	32.18 2.42 -10.99	30.10 2.91 -4.25	28.00 2.87 -3.23	26.18 2.57 -4.16	23.06 2.07 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
BAYONEEC___CTG9 323749	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.88 1.27 -9.72	23.79 1.67 -7.64	24.90 1.90 -8.31	26.17 2.02 -8.12	23.29 2.12 -4.95	25.01 2.06 -7.06	25.01 1.93 -8.22	22.77 1.96 -5.88	20.54 1.88 -4.11	21.95 1.95 -4.73	25.03 2.08 -6.54	32.18 2.42 -10.99	30.10 2.91 -4.25	28.00 2.87 -3.23	26.18 2.57 -4.16	23.06 2.07 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
BEACON___LESR 323632	19.84 0.72 -8.77	18.42 0.68 -8.23	17.26 0.66 -7.26	16.69 0.62 -7.41	17.56 0.75 -6.45	20.19 0.75 -9.06	24.24 0.78 -12.56	25.33 0.97 -9.87	23.18 0.97 -7.52	21.09 1.06 -4.00	22.73 1.07 -5.44	22.55 1.05 -5.62	21.73 0.98 -5.89	22.04 0.97 -6.13	20.61 0.92 -5.14	21.24 0.96 -5.01	23.63 1.02 -6.21	33.91 1.22 -13.93	29.81 1.49 -5.38	27.11 1.40 -3.80	25.70 1.25 -5.01	23.33 1.03 -6.26	24.00 1.00 -8.43	23.38 1.09 -7.83
BEAVER RIVER___HYD 24048	10.15 -0.34 -0.14	9.31 -0.33 -0.13	9.13 -0.33 -0.12	8.48 -0.30 -0.12	10.12 -0.34 -0.11	10.13 -0.41 -0.15	10.77 -0.33 -0.21	14.00 -0.49 0.00	14.21 -0.48 0.00	15.73 -0.31 0.02	15.84 -0.36 0.00	15.55 -0.33 0.00	14.42 -0.43 0.00	14.58 -0.36 0.00	14.02 -0.52 0.00	14.71 -0.55 0.00	15.75 -0.66 0.00	18.37 -0.62 -0.22	22.49 -0.53 -0.08	21.42 -0.55 -0.06	18.95 -0.58 -0.08	15.68 -0.47 -0.10	14.29 -0.41 -0.13	14.15 -0.43 -0.12
BEEBEE_GT_13 23619	10.96 -0.22 -0.83	10.09 -0.20 -0.77	9.82 -0.21 -0.68	9.19 -0.17 -0.70	10.79 -0.18 -0.61	11.19 -0.05 -0.86	12.19 0.11 -1.19	15.49 0.06 -0.95	15.22 -0.19 -0.72	16.16 -0.26 -0.38	16.66 -0.08 -0.52	16.41 -0.02 -0.54	15.45 0.03 -0.57	15.42 -0.10 -0.59	14.92 -0.12 -0.49	15.53 -0.21 -0.48	16.80 -0.20 -0.59	20.11 0.02 -1.32	23.36 -0.09 -0.51	22.12 -0.15 -0.36	19.87 -0.06 -0.48	16.53 -0.11 -0.59	15.31 -0.06 -0.80	15.25 0.04 -0.74
BETHLEHEM___GRP 23843	19.76 0.60 -8.81	18.34 0.55 -8.27	17.18 0.54 -7.30	16.61 0.50 -7.44	17.46 0.61 -6.49	20.10 0.61 -9.10	24.10 0.59 -12.62	25.11 0.70 -9.92	22.88 0.63 -7.56	20.76 0.70 -4.02	22.42 0.73 -5.46	22.25 0.72 -5.65	21.45 0.67 -5.92	21.75 0.66 -6.16	20.34 0.63 -5.17	20.94 0.64 -5.04	23.32 0.67 -6.24	33.55 0.79 -13.99	29.31 0.96 -5.41	26.64 0.92 -3.81	25.30 0.82 -5.03	22.99 0.66 -6.29	23.76 0.73 -8.47	23.20 0.87 -7.87
BETHLEHEM___GS1 323560	19.76 0.60 -8.81	18.34 0.55 -8.27	17.18 0.54 -7.30	16.61 0.50 -7.44	17.46 0.61 -6.49	20.10 0.61 -9.10	24.10 0.59 -12.62	25.11 0.70 -9.92	22.88 0.63 -7.56	20.76 0.70 -4.02	22.42 0.73 -5.46	22.25 0.72 -5.65	21.45 0.67 -5.92	21.75 0.66 -6.16	20.34 0.63 -5.17	20.94 0.64 -5.04	23.32 0.67 -6.24	33.55 0.79 -13.99	29.31 0.96 -5.41	26.64 0.92 -3.81	25.30 0.82 -5.03	22.99 0.66 -6.29	23.76 0.73 -8.47	23.20 0.87 -7.87
BETHLEHEM___GS2 323561	19.76 0.60 -8.81	18.34 0.55 -8.27	17.18 0.54 -7.30	16.61 0.50 -7.44	17.46 0.61 -6.49	20.10 0.61 -9.10	24.10 0.59 -12.62	25.11 0.70 -9.92	22.88 0.63 -7.56	20.76 0.70 -4.02	22.42 0.73 -5.46	22.25 0.72 -5.65	21.45 0.67 -5.92	21.75 0.66 -6.16	20.34 0.63 -5.17	20.94 0.64 -5.04	23.32 0.67 -6.24	33.55 0.79 -13.99	29.31 0.96 -5.41	26.64 0.92 -3.81	25.30 0.82 -5.03	22.99 0.66 -6.29	23.76 0.73 -8.47	23.20 0.87 -7.87



BETHLEHEM___GS3 323562	19.76 0.60 -8.81	18.34 0.55 -8.27	17.18 0.54 -7.30	16.61 0.50 -7.44	17.46 0.61 -6.49	20.10 0.61 -9.10	24.10 0.59 -12.62	25.11 0.70 -9.92	22.88 0.63 -7.56	20.76 0.70 -4.02	22.42 0.73 -5.46	22.25 0.72 -5.65	21.45 0.67 -5.92	21.75 0.66 -6.16	20.34 0.63 -5.17	20.94 0.64 -5.04	23.32 0.67 -6.24	33.55 0.79 -13.99	29.31 0.96 -5.41	26.64 0.92 -3.81	25.30 0.82 -5.03	22.99 0.66 -6.29	23.76 0.73 -8.47	23.20 0.87 -7.87
BETHLEHEM___STEEL 23779	11.26 -0.21 -1.12	10.39 -0.17 -1.05	10.08 -0.19 -0.92	9.45 -0.16 -0.94	11.01 -0.18 -0.82	11.46 -0.08 -1.16	12.66 0.16 -1.60	15.89 0.13 -1.27	15.68 0.01 -0.97	16.52 -0.03 -0.52	17.17 0.24 -0.70	16.86 0.25 -0.73	15.90 0.28 -0.76	15.92 0.19 -0.79	15.34 0.13 -0.66	15.90 -0.02 -0.65	17.22 0.02 -0.80	20.87 0.32 -1.79	24.11 0.43 -0.73	22.70 0.31 -0.49	20.54 0.45 -0.64	17.13 0.29 -0.80	15.92 0.28 -1.08	15.57 0.10 -1.00
BETHPAGE_CC_5 323564	18.49 1.36 -6.78	17.14 1.26 -6.37	16.17 1.23 -5.59	15.52 1.12 -5.74	16.65 1.31 -4.99	18.75 1.36 -7.00	23.75 1.57 -11.29	25.56 2.09 -8.99	25.00 2.31 -7.99	25.32 2.32 -6.96	26.93 2.48 -8.22	25.05 2.43 -6.73	24.60 2.29 -7.46	24.03 2.30 -6.80	23.66 2.23 -6.89	24.06 2.31 -6.49	28.06 2.46 -9.20	34.43 2.87 -12.79	34.06 3.51 -7.61	32.60 3.37 -7.32	31.02 2.99 -8.58	28.80 2.44 -10.32	25.68 2.18 -8.93	23.77 2.00 -7.31
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	11.36 -0.12 -1.13	10.48 -0.10 -1.06	10.17 -0.11 -0.94	9.53 -0.09 -0.96	11.10 -0.09 -0.83	11.56 0.00 -1.17	12.77 0.25 -1.62	16.04 0.26 -1.29	15.84 0.16 -0.98	16.67 0.11 -0.52	17.34 0.41 -0.71	17.03 0.41 -0.74	16.06 0.43 -0.77	16.06 0.33 -0.80	15.48 0.26 -0.67	16.06 0.14 -0.66	17.40 0.18 -0.81	21.08 0.51 -1.81	24.38 0.69 -0.75	22.93 0.52 -0.49	20.74 0.64 -0.65	17.30 0.45 -0.81	16.07 0.41 -1.10	15.70 0.22 -1.02
BINGHAMTON___COGEN 23790	12.83 0.24 -2.24	11.84 0.23 -2.10	11.40 0.21 -1.86	10.76 0.20 -1.90	12.26 0.25 -1.65	13.01 0.30 -2.32	14.53 0.42 -3.22	17.58 0.55 -2.54	17.17 0.54 -1.94	17.64 0.58 -1.03	18.33 0.71 -1.40	18.00 0.67 -1.45	17.00 0.62 -1.52	17.09 0.58 -1.58	16.41 0.54 -1.32	17.07 0.52 -1.29	18.58 0.57 -1.60	23.12 0.77 -3.58	25.28 0.96 -1.38	23.78 0.90 -0.98	21.57 0.84 -1.29	18.29 0.64 -1.61	17.27 0.54 -2.17	16.97 0.49 -2.02
BLACK RIVER___HYD 24047	10.30 -0.32 -0.27	9.46 -0.31 -0.26	9.25 -0.32 -0.23	8.61 -0.29 -0.23	10.25 -0.31 -0.20	10.29 -0.38 -0.28	11.05 -0.24 -0.39	14.43 -0.35 -0.29	14.56 -0.35 -0.22	16.02 -0.13 -0.12	16.20 -0.16 -0.14	15.91 -0.14 -0.17	14.78 -0.25 -0.17	14.92 -0.19 -0.18	14.32 -0.38 -0.15	15.02 -0.40 -0.15	16.05 -0.51 -0.16	18.81 -0.39 -0.43	22.90 -0.21 -0.17	21.79 -0.24 -0.12	19.28 -0.33 -0.16	15.93 -0.31 -0.20	14.55 -0.28 -0.26	14.39 -0.32 -0.24
BLISS_WT_PWR 323608	11.69 0.14 -1.20	10.81 0.17 -1.13	10.47 0.14 -0.99	9.82 0.15 -1.02	11.44 0.20 -0.89	11.92 0.29 -1.24	13.18 0.57 -1.72	16.61 0.75 -1.37	16.40 0.66 -1.04	17.23 0.64 -0.55	17.92 0.94 -0.75	17.59 0.92 -0.78	16.58 0.91 -0.82	16.59 0.81 -0.85	15.97 0.71 -0.71	16.55 0.59 -0.69	17.94 0.67 -0.86	21.79 1.11 -1.92	25.17 1.45 -0.79	23.70 1.27 -0.52	21.44 1.30 -0.69	17.90 0.99 -0.86	16.61 0.89 -1.16	16.20 0.65 -1.08
BLUE_CIRC_CHEM_DRP 24182	19.64 0.59 -8.70	18.22 0.54 -8.17	17.08 0.53 -7.20	16.51 0.50 -7.35	17.36 0.60 -6.40	19.98 0.60 -8.99	23.98 0.62 -12.46	25.07 0.78 -9.80	22.95 0.79 -7.46	20.87 0.87 -3.97	22.52 0.91 -5.39	22.35 0.89 -5.58	21.53 0.83 -5.85	21.84 0.82 -6.08	20.44 0.79 -5.10	21.06 0.82 -4.97	23.43 0.87 -6.16	33.61 1.03 -13.81	29.54 1.26 -5.34	26.88 1.20 -3.77	25.50 1.09 -4.96	23.13 0.88 -6.21	23.75 0.83 -8.36	23.10 0.87 -7.77
BOC_GAS_DRP 24189	19.71 0.54 -8.83	18.29 0.49 -8.29	17.12 0.48 -7.31	16.56 0.45 -7.45	17.39 0.54 -6.49	20.04 0.54 -9.12	24.10 0.57 -12.64	25.15 0.72 -9.94	23.02 0.76 -7.57	20.88 0.82 -4.02	22.55 0.86 -5.47	22.38 0.84 -5.66	21.57 0.79 -5.93	21.88 0.78 -6.17	20.48 0.76 -5.18	21.09 0.78 -5.04	23.49 0.84 -6.25	33.76 0.99 -14.00	29.54 1.19 -5.41	26.89 1.16 -3.82	25.51 1.03 -5.03	23.19 0.85 -6.29	23.81 0.77 -8.47	23.12 0.78 -7.88
BORALEX_4TH_BRANCH 23824	20.19 0.79 -9.05	18.74 0.73 -8.50	17.55 0.72 -7.49	16.98 0.68 -7.64	17.86 0.84 -6.66	20.58 0.85 -9.35	24.80 0.95 -12.96	25.96 1.29 -10.19	23.79 1.34 -7.76	21.63 1.47 -4.12	23.32 1.49 -5.61	23.16 1.48 -5.80	22.30 1.37 -6.08	22.60 1.34 -6.33	21.18 1.32 -5.31	21.81 1.37 -5.17	24.28 1.46 -6.42	34.84 1.69 -14.39	30.58 2.09 -5.56	27.74 1.91 -3.92	26.33 1.71 -5.17	23.92 1.41 -6.47	24.48 1.21 -8.71	23.67 1.11 -8.09
BOWLINE___1 23526	17.70 0.85 -6.50	16.39 0.77 -6.10	15.54 0.78 -5.41	14.93 0.72 -5.55	16.04 0.84 -4.84	18.05 0.87 -6.79	21.31 1.00 -9.42	23.23 1.33 -7.41	21.86 1.53 -5.64	20.65 1.62 -3.00	21.87 1.72 -3.92	21.61 1.67 -4.06	20.49 1.56 -4.08	21.12 1.58 -4.60	19.93 1.53 -3.86	20.60 1.57 -3.76	22.64 1.67 -4.57	31.39 1.97 -10.66	29.44 2.39 -4.12	27.14 2.32 -2.91	25.36 2.08 -3.83	22.52 1.68 -4.79	22.43 1.41 -6.45	21.70 1.24 -6.00
BOWLINE___2 23595	17.70 0.85 -6.50	16.39 0.77 -6.10	15.54 0.78 -5.41	14.94 0.72 -5.55	16.04 0.84 -4.84	18.05 0.87 -6.79	21.32 1.00 -9.42	23.23 1.33 -7.41	21.86 1.53 -5.64	20.65 1.62 -3.00	21.87 1.72 -3.93	21.61 1.67 -4.06	20.49 1.56 -4.08	21.12 1.58 -4.60	19.93 1.53 -3.86	20.60 1.57 -3.76	22.64 1.67 -4.57	31.40 1.97 -10.66	29.44 2.39 -4.12	27.14 2.32 -2.91	25.36 2.08 -3.83	22.52 1.68 -4.79	22.43 1.41 -6.45	21.71 1.24 -6.00
BROOKHAVEN___DRP 24191	18.68 1.55 -6.78	17.32 1.44 -6.37	16.33 1.40 -5.59	15.68 1.27 -5.74	16.83 1.48 -4.99	18.97 1.58 -7.00	22.95 1.83 -10.23	25.01 2.45 -8.07	24.48 2.67 -7.11	24.65 2.69 -5.92	26.66 2.84 -7.60	24.44 2.75 -5.80	24.04 2.58 -6.60	23.45 2.63 -5.88	23.08 2.55 -5.99	23.54 2.66 -5.62	27.69 2.80 -8.49	34.56 3.36 -12.44	33.36 4.06 -6.36	32.18 3.86 -6.41	30.96 3.42 -8.08	28.52 2.81 -9.67	25.41 2.55 -8.30	23.35 2.34 -6.54
BROOKLYN_NAVY_YARD 23515	18.27 1.14 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.29 0.90 -5.72	16.41 1.06 -4.99	18.49 1.10 -7.00	21.86 1.25 -9.72	23.81 1.68 -7.64	24.86 1.87 -8.30	26.12 1.97 -8.12	23.25 2.08 -4.95	24.96 2.02 -7.06	24.96 1.89 -8.22	22.72 1.91 -5.88	20.51 1.85 -4.11	21.90 1.91 -4.73	24.98 2.03 -6.54	32.16 2.40 -10.99	30.10 2.91 -4.25	27.98 2.85 -3.23	26.14 2.53 -4.16	23.05 2.05 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
BROOKLYN___ARMY_DRP 323595	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18



BROOME_2_LFGE 323671	12.83 0.24 -2.24	11.84 0.23 -2.10	11.40 0.21 -1.86	10.76 0.20 -1.90	12.26 0.25 -1.65	13.01 0.30 -2.32	14.53 0.42 -3.22	17.58 0.55 -2.54	17.17 0.54 -1.94	17.64 0.58 -1.03	18.33 0.71 -1.40	18.00 0.67 -1.45	17.00 0.62 -1.52	17.09 0.58 -1.58	16.41 0.54 -1.32	17.07 0.52 -1.29	18.58 0.57 -1.60	23.12 0.77 -3.58	25.28 0.96 -1.38	23.78 0.90 -0.98	21.57 0.84 -1.29	18.29 0.64 -1.61	17.27 0.54 -2.17	16.97 0.49 -2.02
BROOME__LFGE 323600	12.83 0.24 -2.24	11.84 0.23 -2.10	11.40 0.21 -1.86	10.76 0.20 -1.90	12.26 0.25 -1.65	13.01 0.30 -2.32	14.53 0.42 -3.22	17.58 0.55 -2.54	17.17 0.54 -1.94	17.64 0.58 -1.03	18.33 0.71 -1.40	18.00 0.67 -1.45	17.00 0.62 -1.52	17.09 0.58 -1.58	16.41 0.54 -1.32	17.07 0.52 -1.29	18.58 0.57 -1.60	23.12 0.77 -3.58	25.28 0.96 -1.38	23.78 0.90 -0.98	21.57 0.84 -1.29	18.29 0.64 -1.61	17.27 0.54 -2.17	16.97 0.49 -2.02
BURROWS__LYONSDAL 23803	10.30 -0.05 0.00	9.46 -0.06 0.00	9.28 -0.06 0.00	8.61 -0.05 0.00	10.32 -0.04 0.00	10.31 -0.07 0.00	10.92 0.03 0.00	14.52 0.03 0.00	14.74 0.04 0.00	16.34 0.30 0.00	16.45 0.24 0.02	16.14 0.25 0.00	14.96 0.10 0.00	15.11 0.18 0.00	14.53 -0.01 0.00	15.25 -0.02 0.00	16.34 -0.07 0.00	18.82 0.06 0.00	23.19 0.25 0.00	22.11 0.20 0.00	19.57 0.12 0.00	16.11 0.06 0.00	14.62 0.06 0.00	14.48 0.01 0.00
CAITHNESS_CC_1 323624	18.64 1.51 -6.78	17.29 1.41 -6.37	16.31 1.37 -5.59	15.65 1.25 -5.74	16.80 1.45 -4.99	18.94 1.55 -7.00	22.90 1.79 -10.22	24.95 2.39 -8.07	24.42 2.62 -7.11	24.60 2.65 -5.92	26.59 2.77 -7.59	24.37 2.69 -5.80	23.99 2.54 -6.60	23.39 2.57 -5.88	23.02 2.49 -5.99	23.48 2.59 -5.62	27.63 2.74 -8.49	34.47 3.27 -12.44	33.24 3.95 -6.36	32.09 3.77 -6.41	30.88 3.35 -8.08	28.45 2.74 -9.67	25.35 2.49 -8.30	23.29 2.28 -6.54
CALPINE BETH_PAGE_GT4 24209	18.48 1.34 -6.79	17.14 1.26 -6.37	16.17 1.23 -5.59	15.52 1.12 -5.74	16.64 1.29 -4.99	18.74 1.35 -7.00	24.19 1.56 -11.74	25.93 2.07 -9.37	25.35 2.29 -8.36	25.75 2.32 -7.39	27.19 2.48 -8.49	25.42 2.41 -7.12	24.95 2.27 -7.82	24.40 2.28 -7.18	24.03 2.21 -7.27	24.42 2.31 -6.85	28.34 2.44 -9.49	34.58 2.87 -12.94	34.58 3.51 -8.13	32.96 3.35 -7.70	31.23 2.99 -8.78	29.07 2.44 -10.59	25.93 2.17 -9.19	24.07 1.98 -7.63
CALPINE_BETH_PAGE_GT_4 323586	18.48 1.34 -6.79	17.14 1.26 -6.37	16.17 1.23 -5.59	15.52 1.12 -5.74	16.64 1.29 -4.99	18.74 1.35 -7.00	24.19 1.56 -11.74	25.93 2.07 -9.37	25.35 2.29 -8.36	25.75 2.32 -7.39	27.19 2.48 -8.49	25.42 2.41 -7.12	24.95 2.27 -7.82	24.40 2.28 -7.18	24.03 2.21 -7.27	24.42 2.31 -6.85	28.34 2.44 -9.49	34.58 2.87 -12.94	34.58 3.51 -8.13	32.96 3.35 -7.70	31.23 2.99 -8.78	29.07 2.44 -10.59	25.93 2.17 -9.19	24.07 1.98 -7.63
CALPINE_BP_GT1 23823	18.48 1.34 -6.79	17.14 1.26 -6.37	16.17 1.23 -5.59	15.52 1.12 -5.74	16.64 1.29 -4.99	18.74 1.35 -7.00	24.19 1.56 -11.74	25.93 2.07 -9.37	25.35 2.29 -8.36	25.75 2.32 -7.39	27.19 2.48 -8.49	25.42 2.41 -7.12	24.95 2.27 -7.82	24.40 2.28 -7.18	24.03 2.21 -7.27	24.42 2.31 -6.85	28.34 2.44 -9.49	34.58 2.87 -12.94	34.58 3.51 -8.13	32.96 3.35 -7.70	31.23 2.99 -8.78	29.07 2.44 -10.59	25.93 2.17 -9.19	24.07 1.98 -7.63
CALSPAN__DRP 24200	11.26 -0.21 -1.12	10.39 -0.17 -1.05	10.08 -0.19 -0.92	9.45 -0.16 -0.94	11.01 -0.18 -0.82	11.46 -0.08 -1.16	12.66 0.16 -1.60	15.89 0.13 -1.27	15.68 0.01 -0.97	16.52 -0.03 -0.52	17.17 0.24 -0.70	16.86 0.25 -0.73	15.90 0.28 -0.76	15.92 0.19 -0.79	15.34 0.13 -0.66	15.90 -0.02 -0.65	17.22 0.02 -0.80	20.87 0.32 -1.79	24.11 0.43 -0.73	22.70 0.31 -0.49	20.54 0.45 -0.64	17.13 0.29 -0.80	15.92 0.28 -1.08	15.57 0.10 -1.00
CANDIGU_WT_PWR 323617	11.90 0.04 -1.51	10.98 0.05 -1.42	10.62 0.03 -1.25	9.98 0.03 -1.28	11.54 0.06 -1.12	12.11 0.16 -1.57	13.42 0.36 -2.17	16.65 0.43 -1.72	16.37 0.37 -1.31	17.09 0.35 -0.70	17.75 0.58 -0.95	17.41 0.54 -0.98	16.40 0.52 -1.03	16.45 0.45 -1.07	15.82 0.38 -0.90	16.44 0.31 -0.88	17.83 0.34 -1.09	21.81 0.62 -2.42	24.64 0.76 -0.95	23.25 0.68 -0.66	21.02 0.70 -0.87	17.64 0.51 -1.09	16.45 0.42 -1.47	16.17 0.35 -1.36
CARR STREET_E_SYR 24060	10.89 -0.04 -0.58	10.02 -0.04 -0.54	9.77 -0.05 -0.48	9.11 -0.04 -0.49	10.76 -0.03 -0.43	10.99 0.01 -0.60	11.82 0.10 -0.83	15.33 0.14 -0.70	15.32 0.09 -0.53	16.40 0.08 -0.28	16.79 0.18 -0.39	16.44 0.16 -0.40	15.42 0.15 -0.42	15.49 0.12 -0.43	15.00 0.09 -0.36	15.70 0.08 -0.36	16.92 0.08 -0.43	19.89 0.19 -0.94	23.55 0.25 -0.36	22.38 0.22 -0.26	19.98 0.19 -0.34	16.61 0.14 -0.42	15.25 0.12 -0.57	15.10 0.10 -0.53
CARTHAGE__PAPER 23857	10.25 -0.34 -0.24	9.40 -0.33 -0.22	9.21 -0.33 -0.20	8.57 -0.29 -0.20	10.20 -0.33 -0.18	10.23 -0.41 -0.25	10.95 -0.28 -0.34	14.30 -0.43 -0.24	14.45 -0.43 -0.19	15.91 -0.22 -0.10	16.06 -0.28 -0.12	15.79 -0.24 -0.14	14.66 -0.34 -0.15	14.80 -0.28 -0.15	14.22 -0.45 -0.13	14.91 -0.47 -0.12	15.96 -0.57 -0.13	18.63 -0.51 -0.37	22.71 -0.37 -0.14	21.64 -0.37 -0.10	19.14 -0.45 -0.13	15.83 -0.39 -0.17	14.44 -0.35 -0.23	14.30 -0.38 -0.21
CE_DUNWOOD__DRP 24194	18.15 1.02 -6.78	16.81 0.93 -6.36	15.78 0.88 -5.56	15.19 0.81 -5.71	16.28 0.94 -4.98	18.35 0.98 -6.99	21.70 1.12 -9.69	23.60 1.49 -7.62	22.21 1.72 -5.80	20.95 1.83 -3.09	22.36 1.91 -4.23	22.13 1.87 -4.37	21.23 1.75 -4.63	21.44 1.78 -4.73	20.22 1.70 -3.97	20.90 1.77 -3.87	23.21 1.89 -4.92	31.93 2.21 -10.95	29.83 2.66 -4.23	27.50 2.61 -2.99	25.70 2.31 -3.94	22.84 1.88 -4.92	22.78 1.59 -6.63	22.03 1.40 -6.16
CE_MILLWOOD__DRP 24193	17.98 0.94 -6.69	16.65 0.86 -6.28	15.73 0.83 -5.55	15.12 0.76 -5.69	16.21 0.89 -4.96	18.27 0.92 -6.96	21.60 1.06 -9.66	23.49 1.40 -7.59	22.09 1.62 -5.78	20.83 1.72 -3.07	22.00 1.82 -3.96	21.76 1.78 -4.09	20.54 1.66 -4.03	21.32 1.67 -4.72	20.12 1.61 -3.96	20.78 1.66 -3.85	22.77 1.77 -4.60	31.78 2.10 -10.91	29.68 2.52 -4.22	27.36 2.47 -2.97	25.57 2.20 -3.92	22.73 1.78 -4.90	22.67 1.50 -6.60	21.92 1.32 -6.14
CE_NYC2_DRP 24202	18.33 1.19 -6.79	16.96 1.08 -6.37	15.95 1.04 -5.57	15.33 0.94 -5.72	16.46 1.11 -4.99	18.53 1.14 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.32 2.02 -9.26	23.32 2.12 -4.98	25.50 2.08 -7.53	25.54 1.95 -8.74	23.03 1.96 -6.14	20.58 1.89 -4.15	22.16 1.97 -4.92	25.25 2.10 -6.75	32.22 2.46 -11.00	30.17 2.98 -4.25	28.06 2.87 -3.28	26.23 2.57 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18
CE_NYC_DRP 24195	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.49 1.10 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	24.75 1.91 -8.14	25.86 2.04 -7.79	23.30 2.14 -4.94	24.89 2.08 -6.93	24.89 1.96 -8.08	22.71 1.97 -5.80	20.54 1.89 -4.11	21.90 1.97 -4.67	24.98 2.10 -6.48	32.22 2.46 -10.99	30.14 2.96 -4.25	28.01 2.89 -3.21	26.16 2.57 -4.15	23.08 2.08 -4.95	22.97 1.76 -6.65	22.22 1.58 -6.18



CHAFFEE___LFGE 323603	11.40 -0.10 -1.16	10.52 -0.08 -1.09	10.21 -0.09 -0.96	9.57 -0.07 -0.98	11.14 -0.07 -0.85	11.60 0.02 -1.20	12.84 0.28 -1.66	16.14 0.33 -1.32	15.93 0.23 -1.01	16.76 0.19 -0.53	17.42 0.47 -0.73	17.11 0.48 -0.75	16.15 0.51 -0.79	16.16 0.40 -0.82	15.56 0.32 -0.69	16.13 0.20 -0.67	17.49 0.26 -0.83	21.23 0.62 -1.85	24.52 0.82 -0.76	23.09 0.68 -0.50	20.89 0.78 -0.67	17.42 0.55 -0.83	16.18 0.50 -1.12	15.78 0.27 -1.04
CHATEAUG_WT_PWR 323614	9.87 -0.48 0.00	9.08 -0.44 0.00	8.92 -0.42 0.00	8.26 -0.40 0.00	9.83 -0.53 0.00	9.82 -0.56 0.00	10.16 -0.73 0.00	13.53 -0.96 0.00	13.69 -1.00 0.00	14.94 -1.09 0.00	15.01 -1.14 0.07	14.77 -1.11 0.00	13.81 -1.04 0.00	13.98 -0.96 0.00	13.62 -0.93 0.00	14.29 -0.98 0.00	15.35 -1.05 0.00	17.43 -1.33 0.00	21.38 -1.56 0.00	20.40 -1.51 0.00	18.09 -1.36 0.00	14.98 -1.06 0.00	13.59 -0.98 0.00	13.55 -0.91 0.00
CHAT_HIGH_FALL_HYD 323578	9.83 -0.52 0.00	9.04 -0.48 0.00	8.89 -0.45 0.00	8.23 -0.43 0.00	9.79 -0.57 0.00	9.78 -0.60 0.00	10.10 -0.79 0.00	13.47 -1.01 0.00	13.62 -1.07 0.00	14.87 -1.17 0.00	14.92 -1.23 0.07	14.69 -1.19 0.00	13.74 -1.11 0.00	13.90 -1.03 0.00	13.54 -1.00 0.00	14.21 -1.05 0.00	15.27 -1.13 0.00	17.34 -1.43 0.00	21.26 -1.67 0.00	20.29 -1.62 0.00	17.99 -1.46 0.00	14.90 -1.14 0.00	13.51 -1.05 0.00	13.48 -0.98 0.00
CHAUTAUQUA___LFGE 323629	11.29 -0.20 -1.14	10.42 -0.16 -1.07	10.09 -0.19 -0.94	9.47 -0.16 -0.96	11.03 -0.17 -0.84	11.49 -0.07 -1.18	12.72 0.20 -1.63	16.03 0.25 -1.30	15.83 0.15 -0.99	16.66 0.10 -0.53	17.34 0.41 -0.71	17.02 0.40 -0.74	16.04 0.42 -0.77	16.07 0.33 -0.81	15.46 0.23 -0.68	16.03 0.11 -0.66	17.37 0.15 -0.82	21.09 0.51 -1.82	24.39 0.71 -0.74	22.95 0.55 -0.50	20.74 0.64 -0.65	17.31 0.45 -0.82	16.06 0.39 -1.10	15.65 0.16 -1.02
CH_MIDHUDSON___DRP 24192	18.61 0.97 -7.29	17.24 0.88 -6.85	16.22 0.85 -6.03	15.62 0.79 -6.17	16.66 0.92 -5.38	18.89 0.95 -7.55	22.44 1.09 -10.46	24.15 1.43 -8.23	22.59 1.63 -6.26	21.11 1.75 -3.33	22.59 1.82 -4.55	22.36 1.76 -4.71	21.49 1.66 -4.97	21.73 1.69 -5.11	20.46 1.63 -4.29	21.13 1.69 -4.18	23.47 1.82 -5.25	32.62 2.16 -11.70	30.07 2.61 -4.52	27.64 2.54 -3.19	25.91 2.26 -4.20	23.14 1.84 -5.26	23.18 1.54 -7.08	22.40 1.36 -6.58
CH_MISC_IPPS 23765	18.31 0.98 -6.98	16.96 0.89 -6.55	15.99 0.87 -5.78	15.39 0.80 -5.93	16.46 0.93 -5.17	18.60 0.97 -7.25	22.05 1.10 -10.05	23.84 1.45 -7.90	22.39 1.67 -6.02	21.00 1.76 -3.20	22.45 1.85 -4.38	22.21 1.79 -4.53	21.32 1.68 -4.79	21.57 1.73 -4.91	20.34 1.67 -4.12	21.00 1.72 -4.01	23.32 1.85 -5.06	32.27 2.23 -11.28	30.00 2.71 -4.36	27.61 2.63 -3.07	25.84 2.33 -4.05	23.02 1.91 -5.07	22.97 1.59 -6.82	22.20 1.39 -6.34
CH_RES_BVR_FALLS 23983	9.62 -0.29 0.44	8.84 -0.27 0.41	8.73 -0.25 0.36	8.05 -0.24 0.37	9.76 -0.28 0.32	9.65 -0.28 0.45	9.96 -0.30 0.63	13.58 -0.41 0.50	13.90 -0.41 0.38	15.38 -0.45 0.20	15.53 -0.45 0.24	15.15 -0.44 0.29	14.14 -0.42 0.30	14.22 -0.40 0.31	13.88 -0.41 0.26	14.58 -0.43 0.26	15.63 -0.51 0.26	17.54 -0.64 0.59	21.93 -0.78 0.23	21.00 -0.74 0.16	18.58 -0.66 0.21	15.23 -0.55 0.26	13.73 -0.48 0.35	13.67 -0.46 0.33
CH_RES_NIAGARA 23895	10.72 -0.66 -1.03	9.88 -0.60 -0.97	9.60 -0.60 -0.85	9.02 -0.52 -0.87	10.49 -0.63 -0.76	10.90 -0.55 -1.07	12.00 -0.37 -1.48	14.97 -0.70 -1.18	14.77 -0.82 -0.90	15.55 -0.96 -0.48	16.14 -0.73 -0.65	15.87 -0.68 -0.67	14.98 -0.58 -0.70	14.98 -0.69 -0.73	14.46 -0.70 -0.61	14.99 -0.87 -0.60	16.24 -0.90 -0.74	19.63 -0.79 -1.65	22.52 -1.05 -0.64	21.26 -1.09 -0.45	19.27 -0.78 -0.59	16.10 -0.69 -0.74	15.00 -0.57 -1.00	14.73 -0.67 -0.93
CH_RES_SYRACUSE 23985	11.01 -0.02 -0.68	10.13 -0.02 -0.64	9.88 -0.03 -0.56	9.21 -0.03 -0.58	10.85 -0.01 -0.50	11.11 0.02 -0.71	11.98 0.11 -0.98	15.44 0.16 -0.79	15.40 0.10 -0.61	16.47 0.11 -0.32	16.87 0.21 -0.44	16.51 0.18 -0.45	15.51 0.18 -0.47	15.58 0.15 -0.49	15.08 0.12 -0.41	15.77 0.11 -0.40	17.00 0.10 -0.49	20.08 0.23 -1.09	23.63 0.28 -0.42	22.47 0.26 -0.30	20.08 0.23 -0.39	16.71 0.18 -0.49	15.37 0.15 -0.66	15.21 0.13 -0.61
CLINTON_WT_PWR 323605	9.87 -0.48 0.00	9.08 -0.44 0.00	8.92 -0.42 0.00	8.26 -0.40 0.00	9.83 -0.53 0.00	9.82 -0.56 0.00	10.16 -0.73 0.00	13.53 -0.96 0.00	13.69 -1.00 0.00	14.94 -1.09 0.00	15.01 -1.14 0.07	14.77 -1.11 0.00	13.81 -1.04 0.00	13.98 -0.96 0.00	13.62 -0.93 0.00	14.29 -0.98 0.00	15.35 -1.05 0.00	17.43 -1.33 0.00	21.38 -1.56 0.00	20.40 -1.51 0.00	18.09 -1.36 0.00	14.98 -1.06 0.00	13.59 -0.98 0.00	13.55 -0.91 0.00
CLINTON___LFGE 323618	9.90 -0.44 0.00	9.10 -0.41 0.00	8.96 -0.38 0.00	8.29 -0.37 0.00	9.84 -0.52 0.00	9.85 -0.54 0.00	10.15 -0.74 0.00	13.55 -0.94 0.00	13.68 -1.01 0.00	14.94 -1.09 0.00	15.03 -1.12 0.07	14.81 -1.08 0.00	13.84 -1.01 0.00	14.05 -0.88 0.00	13.65 -0.90 0.00	14.30 -0.96 0.00	15.39 -1.02 0.00	17.49 -1.28 0.00	21.45 -1.49 0.00	20.49 -1.42 0.00	18.15 -1.30 0.00	15.03 -1.01 0.00	13.60 -0.96 0.00	13.57 -0.90 0.00
COLONIE_LFGE___ 323577	20.35 0.76 -9.24	18.88 0.69 -8.68	17.68 0.69 -7.65	17.12 0.65 -7.80	17.96 0.80 -6.80	20.72 0.79 -9.55	25.01 0.88 -13.24	26.05 1.16 -10.40	23.82 1.21 -7.92	21.58 1.33 -4.21	23.30 1.35 -5.73	23.12 1.32 -5.92	22.31 1.25 -6.21	22.60 1.21 -6.46	21.15 1.18 -5.42	21.77 1.22 -5.28	24.24 1.28 -6.56	34.98 1.52 -14.69	30.47 1.86 -5.68	27.63 1.71 -4.01	26.27 1.54 -5.28	23.91 1.27 -6.60	24.61 1.15 -8.89	23.82 1.09 -8.27
COPENHAGEN_WT_PWR 323753	10.34 -0.31 -0.30	9.49 -0.30 -0.28	9.29 -0.30 -0.25	8.64 -0.28 -0.25	10.28 -0.30 -0.22	10.33 -0.36 -0.31	11.09 -0.23 -0.43	14.48 -0.33 -0.32	14.60 -0.34 -0.25	16.02 -0.14 -0.13	16.22 -0.16 -0.16	15.93 -0.14 -0.18	14.81 -0.24 -0.19	14.96 -0.18 -0.20	14.37 -0.35 -0.17	15.06 -0.37 -0.16	16.11 -0.48 -0.18	18.87 -0.38 -0.48	22.91 -0.21 -0.18	21.80 -0.24 -0.13	19.29 -0.33 -0.17	15.95 -0.31 -0.21	14.57 -0.28 -0.29	14.43 -0.30 -0.27
CORNELL_____ 23752	12.11 0.24 -1.53	11.16 0.21 -1.43	10.79 0.19 -1.26	10.14 0.18 -1.29	11.72 0.24 -1.13	12.26 0.29 -1.58	13.53 0.45 -2.19	16.86 0.62 -1.75	16.61 0.59 -1.33	17.39 0.64 -0.71	17.96 0.78 -0.96	17.60 0.72 -0.99	16.57 0.67 -1.04	16.65 0.63 -1.09	16.03 0.57 -0.91	16.73 0.58 -0.89	18.12 0.62 -1.10	22.07 0.86 -2.44	25.00 1.12 -0.94	23.63 1.05 -0.67	21.24 0.91 -0.88	17.85 0.71 -1.10	16.62 0.58 -1.48	16.39 0.55 -1.37
COXSACKIE___GT 23611	18.80 0.90 -7.56	17.43 0.82 -7.09	16.37 0.77 -6.26	15.78 0.73 -6.39	16.80 0.87 -5.57	19.09 0.88 -7.82	22.70 0.97 -10.84	24.21 1.20 -8.52	22.54 1.35 -6.49	20.91 1.43 -3.45	22.34 1.43 -4.69	22.10 1.37 -4.85	21.23 1.29 -5.09	21.60 1.37 -5.29	20.33 1.34 -4.44	20.99 1.40 -4.33	23.35 1.61 -5.34	32.68 1.99 -11.93	30.02 2.48 -4.61	27.53 2.37 -3.25	25.82 2.08 -4.29	23.12 1.72 -5.36	23.28 1.50 -7.22	22.50 1.33 -6.71



CPV_VALLEY___CC1 323721	16.86 0.69 -5.82	15.60 0.63 -5.46	14.81 0.64 -4.84	14.22 0.58 -4.97	15.38 0.68 -4.33	17.18 0.71 -6.08	20.13 0.81 -8.44	22.19 1.07 -6.63	20.98 1.23 -5.05	20.04 1.32 -2.69	21.22 1.38 -3.62	20.98 1.35 -3.74	20.00 1.26 -3.89	20.32 1.27 -4.12	19.23 1.22 -3.46	19.90 1.27 -3.37	21.95 1.33 -4.22	29.92 1.59 -9.56	28.56 1.93 -3.70	26.40 1.88 -2.61	24.56 1.67 -3.44	21.69 1.35 -4.30	21.47 1.12 -5.79	20.83 0.98 -5.38
CPV_VALLEY___CC2 323722	16.86 0.69 -5.82	15.60 0.63 -5.46	14.81 0.64 -4.84	14.22 0.58 -4.97	15.38 0.68 -4.33	17.18 0.71 -6.08	20.13 0.81 -8.44	22.19 1.07 -6.63	20.98 1.23 -5.05	20.04 1.32 -2.69	21.22 1.38 -3.62	20.98 1.35 -3.74	20.00 1.26 -3.89	20.32 1.27 -4.12	19.23 1.22 -3.46	19.90 1.27 -3.37	21.95 1.33 -4.22	29.92 1.59 -9.56	28.56 1.93 -3.70	26.40 1.88 -2.61	24.56 1.67 -3.44	21.69 1.35 -4.30	21.47 1.12 -5.79	20.83 0.98 -5.38
CRESCENT___HYD 24018	20.35 0.76 -9.24	18.88 0.69 -8.68	17.68 0.69 -7.65	17.12 0.65 -7.80	17.96 0.80 -6.80	20.72 0.79 -9.55	25.01 0.88 -13.24	26.05 1.16 -10.40	23.82 1.21 -7.92	21.58 1.33 -4.21	23.30 1.35 -5.73	23.12 1.32 -5.92	22.31 1.25 -6.21	22.60 1.21 -6.46	21.15 1.18 -5.42	21.77 1.22 -5.28	24.24 1.28 -6.56	34.98 1.52 -14.69	30.47 1.86 -5.68	27.63 1.71 -4.01	26.27 1.54 -5.28	23.91 1.27 -6.60	24.61 1.15 -8.89	23.82 1.09 -8.27
CRUCIBLE_METL_DRP 24180	11.01 -0.02 -0.68	10.13 -0.02 -0.64	9.88 -0.03 -0.56	9.21 -0.03 -0.58	10.85 -0.01 -0.50	11.11 0.02 -0.71	11.98 0.11 -0.98	15.44 0.16 -0.79	15.40 0.10 -0.61	16.47 0.11 -0.32	16.87 0.21 -0.44	16.51 0.18 -0.45	15.51 0.18 -0.47	15.58 0.15 -0.49	15.08 0.12 -0.41	15.77 0.11 -0.40	17.00 0.10 -0.49	20.08 0.23 -1.09	23.63 0.28 -0.42	22.47 0.26 -0.30	20.08 0.23 -0.39	16.71 0.18 -0.49	15.37 0.15 -0.66	15.21 0.13 -0.61
DANC___LFGE 323619	10.47 -0.27 -0.39	9.61 -0.27 -0.37	9.39 -0.27 -0.32	8.75 -0.24 -0.33	10.38 -0.27 -0.29	10.49 -0.30 -0.40	11.26 -0.20 -0.56	14.65 -0.28 -0.44	14.72 -0.31 -0.33	16.02 -0.19 -0.18	16.29 -0.16 -0.23	15.99 -0.14 -0.25	14.92 -0.19 -0.26	15.04 -0.16 -0.27	14.50 -0.28 -0.23	15.18 -0.31 -0.22	16.27 -0.39 -0.26	19.05 -0.34 -0.62	22.92 -0.25 -0.24	21.82 -0.26 -0.17	19.36 -0.31 -0.22	16.06 -0.26 -0.28	14.71 -0.23 -0.38	14.55 -0.26 -0.35
DANSKAMMER___1 23586	18.31 0.98 -6.98	16.96 0.89 -6.55	15.99 0.87 -5.78	15.39 0.80 -5.93	16.46 0.93 -5.17	18.60 0.97 -7.25	22.05 1.10 -10.05	23.84 1.45 -7.90	22.39 1.67 -6.02	21.00 1.76 -3.20	22.45 1.85 -4.38	22.21 1.79 -4.53	21.32 1.68 -4.79	21.57 1.73 -4.91	20.34 1.67 -4.12	21.00 1.72 -4.01	23.32 1.85 -5.06	32.27 2.23 -11.28	30.00 2.71 -4.36	27.61 2.63 -3.07	25.84 2.33 -4.05	23.02 1.91 -5.07	22.97 1.59 -6.82	22.20 1.39 -6.34
DANSKAMMER___2 23589	18.31 0.98 -6.98	16.96 0.89 -6.55	15.99 0.87 -5.78	15.39 0.80 -5.93	16.46 0.93 -5.17	18.60 0.97 -7.25	22.05 1.10 -10.05	23.84 1.45 -7.90	22.39 1.67 -6.02	21.00 1.76 -3.20	22.45 1.85 -4.38	22.21 1.79 -4.53	21.32 1.68 -4.79	21.57 1.73 -4.91	20.34 1.67 -4.12	21.00 1.72 -4.01	23.32 1.85 -5.06	32.27 2.23 -11.28	30.00 2.71 -4.36	27.61 2.63 -3.07	25.84 2.33 -4.05	23.02 1.91 -5.07	22.97 1.59 -6.82	22.20 1.39 -6.34
DANSKAMMER___3 23590	18.31 0.98 -6.98	16.96 0.89 -6.55	15.99 0.87 -5.78	15.39 0.80 -5.93	16.46 0.93 -5.17	18.60 0.97 -7.25	22.05 1.10 -10.05	23.84 1.45 -7.90	22.39 1.67 -6.02	21.00 1.76 -3.20	22.45 1.85 -4.38	22.21 1.79 -4.53	21.32 1.68 -4.79	21.57 1.73 -4.91	20.34 1.67 -4.12	21.00 1.72 -4.01	23.32 1.85 -5.06	32.27 2.23 -11.28	30.00 2.71 -4.36	27.61 2.63 -3.07	25.84 2.33 -4.05	23.02 1.91 -5.07	22.97 1.59 -6.82	22.20 1.39 -6.34
DANSKAMMER___4 23591	18.31 0.98 -6.98	16.96 0.89 -6.55	15.99 0.87 -5.78	15.39 0.80 -5.93	16.46 0.93 -5.17	18.60 0.97 -7.25	22.05 1.10 -10.05	23.84 1.45 -7.90	22.39 1.67 -6.02	21.00 1.76 -3.20	22.45 1.85 -4.38	22.21 1.79 -4.53	21.32 1.68 -4.79	21.57 1.73 -4.91	20.34 1.67 -4.12	21.00 1.72 -4.01	23.32 1.85 -5.06	32.27 2.23 -11.28	30.00 2.71 -4.36	27.61 2.63 -3.07	25.84 2.33 -4.05	23.02 1.91 -5.07	22.97 1.59 -6.82	22.20 1.39 -6.34
DANSKAMMER___DIESEL 23592	18.31 0.98 -6.98	16.96 0.89 -6.55	15.99 0.87 -5.78	15.39 0.80 -5.93	16.46 0.93 -5.17	18.60 0.97 -7.25	22.05 1.10 -10.05	23.84 1.45 -7.90	22.39 1.67 -6.02	21.00 1.76 -3.20	22.45 1.85 -4.38	22.21 1.79 -4.53	21.32 1.68 -4.79	21.57 1.73 -4.91	20.34 1.67 -4.12	21.00 1.72 -4.01	23.32 1.85 -5.06	32.27 2.23 -11.28	30.00 2.71 -4.36	27.61 2.63 -3.07	25.84 2.33 -4.05	23.02 1.91 -5.07	22.97 1.59 -6.82	22.20 1.39 -6.34
DASHVILLE___HYD 23610	18.08 0.65 -7.08	16.76 0.60 -6.65	15.79 0.58 -5.87	15.20 0.54 -6.00	16.21 0.62 -5.23	18.37 0.64 -7.34	21.80 0.73 -10.18	23.43 0.94 -8.00	21.90 1.12 -6.09	20.45 1.17 -3.24	21.84 1.22 -4.40	21.62 1.18 -4.55	20.75 1.11 -4.78	21.07 1.17 -4.97	19.84 1.12 -4.17	20.48 1.16 -4.06	22.79 1.41 -4.98	31.62 1.69 -11.16	29.32 2.07 -4.31	26.97 2.01 -3.04	25.25 1.79 -4.01	22.52 1.46 -5.02	22.53 1.21 -6.75	21.78 1.04 -6.28
DELAWARE___LFGE 323621	13.73 0.44 -2.94	12.67 0.40 -2.76	12.17 0.39 -2.44	11.52 0.36 -2.49	12.97 0.45 -2.17	13.88 0.45 -3.05	15.68 0.57 -4.22	18.57 0.75 -3.33	18.05 0.82 -2.53	18.31 0.93 -1.35	19.03 0.97 -1.83	18.72 0.94 -1.89	17.70 0.86 -1.99	17.87 0.87 -2.07	17.08 0.80 -1.73	17.76 0.81 -1.69	19.37 0.87 -2.10	24.56 1.09 -4.70	26.13 1.38 -1.82	24.51 1.31 -1.28	22.31 1.17 -1.69	19.07 0.91 -2.11	18.21 0.80 -2.85	17.82 0.71 -2.65
DOGLEVILLE___HYD 23807	10.51 0.35 0.19	9.66 0.32 0.18	9.51 0.33 0.16	8.83 0.33 0.16	10.65 0.44 0.14	10.62 0.44 0.20	11.11 0.49 0.27	14.84 0.59 0.24	15.08 0.57 0.18	16.55 0.61 0.10	16.69 0.60 0.13	16.32 0.57 0.14	15.24 0.53 0.14	15.32 0.54 0.15	14.92 0.49 0.13	15.63 0.49 0.12	16.81 0.54 0.14	19.11 0.64 0.29	23.65 0.82 0.11	22.60 0.77 0.08	20.01 0.66 0.10	16.43 0.51 0.13	14.84 0.45 0.18	14.73 0.43 0.16
DUNKIRK___1 23563	11.30 -0.19 -1.13	10.42 -0.16 -1.06	10.09 -0.19 -0.94	9.47 -0.15 -0.96	11.04 -0.16 -0.84	11.50 -0.06 -1.17	12.72 0.20 -1.63	16.03 0.25 -1.29	15.81 0.13 -0.99	16.66 0.10 -0.52	17.32 0.39 -0.71	17.00 0.38 -0.74	16.04 0.42 -0.77	16.05 0.31 -0.80	15.45 0.23 -0.67	16.03 0.11 -0.66	17.35 0.13 -0.81	21.07 0.49 -1.81	24.37 0.69 -0.74	22.93 0.52 -0.49	20.72 0.62 -0.65	17.29 0.43 -0.82	16.05 0.39 -1.10	15.64 0.16 -1.02
DUNKIRK___2 23564	11.30 -0.19 -1.13	10.42 -0.16 -1.06	10.09 -0.19 -0.94	9.47 -0.15 -0.96	11.04 -0.16 -0.84	11.50 -0.06 -1.17	12.72 0.20 -1.63	16.03 0.25 -1.29	15.81 0.13 -0.99	16.66 0.10 -0.52	17.32 0.39 -0.71	17.00 0.38 -0.74	16.04 0.42 -0.77	16.05 0.31 -0.80	15.45 0.23 -0.67	16.03 0.11 -0.66	17.35 0.13 -0.81	21.07 0.49 -1.81	24.37 0.69 -0.74	22.93 0.52 -0.49	20.72 0.62 -0.65	17.29 0.43 -0.82	16.05 0.39 -1.10	15.64 0.16 -1.02



DUNKIRK___3 23565	11.27 -0.20 -1.12	10.40 -0.16 -1.05	10.08 -0.19 -0.93	9.46 -0.16 -0.95	11.02 -0.17 -0.83	11.47 -0.07 -1.16	12.69 0.18 -1.61	15.96 0.19 -1.28	15.76 0.09 -0.97	16.59 0.03 -0.52	17.25 0.32 -0.70	16.95 0.33 -0.73	15.97 0.36 -0.76	15.98 0.25 -0.79	15.40 0.19 -0.67	15.96 0.05 -0.65	17.29 0.08 -0.80	20.97 0.41 -1.79	24.24 0.57 -0.73	22.84 0.44 -0.49	20.64 0.54 -0.64	17.22 0.37 -0.81	15.98 0.34 -1.09	15.60 0.13 -1.01
DUNKIRK___4 23566	11.27 -0.20 -1.12	10.40 -0.16 -1.05	10.08 -0.19 -0.93	9.46 -0.16 -0.95	11.02 -0.17 -0.83	11.47 -0.07 -1.16	12.69 0.18 -1.61	15.96 0.19 -1.28	15.76 0.09 -0.97	16.59 0.03 -0.52	17.25 0.32 -0.70	16.95 0.33 -0.73	15.97 0.36 -0.76	15.98 0.25 -0.79	15.40 0.19 -0.67	15.96 0.05 -0.65	17.29 0.08 -0.80	20.97 0.41 -1.79	24.24 0.57 -0.73	22.84 0.44 -0.49	20.64 0.54 -0.64	17.22 0.37 -0.81	15.98 0.34 -1.09	15.60 0.13 -1.01
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.20 1.07 -6.78	16.85 0.97 -6.37	15.83 0.92 -5.57	15.23 0.84 -5.72	16.32 0.97 -4.99	18.41 1.02 -7.00	21.78 1.18 -9.71	23.69 1.57 -7.63	22.40 1.79 -5.91	21.24 1.91 -3.29	23.05 2.01 -4.82	22.91 1.95 -5.07	22.75 1.84 -6.06	21.57 1.85 -4.79	20.32 1.79 -3.98	21.03 1.86 -3.91	24.05 1.98 -5.67	32.07 2.33 -10.98	29.98 2.80 -4.24	27.65 2.74 -3.00	25.84 2.43 -3.95	22.95 1.97 -4.93	22.87 1.66 -6.64	22.12 1.48 -6.17
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.84 0.84 -6.66	16.53 0.76 -6.25	15.62 0.76 -5.52	15.02 0.69 -5.67	16.11 0.81 -4.94	18.16 0.84 -6.93	21.47 0.97 -9.61	23.32 1.28 -7.56	21.92 1.47 -5.76	20.65 1.55 -3.06	22.02 1.64 -4.16	21.78 1.59 -4.30	20.87 1.50 -4.51	21.15 1.52 -4.69	19.95 1.47 -3.94	20.63 1.53 -3.84	22.85 1.64 -4.81	31.50 1.95 -10.78	29.49 2.39 -4.17	27.17 2.32 -2.94	25.39 2.06 -3.87	22.56 1.67 -4.85	22.49 1.40 -6.52	21.74 1.22 -6.06
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.35 1.21 -6.79	17.01 1.12 -6.37	16.00 1.07 -5.58	15.37 0.98 -5.73	16.51 1.15 -5.00	18.57 1.17 -7.01	21.84 1.23 -9.72	23.75 1.62 -7.64	22.41 1.79 -5.92	21.26 1.92 -3.30	23.19 2.03 -4.94	22.95 1.99 -5.07	22.77 1.86 -6.06	21.63 1.87 -4.83	20.46 1.80 -4.11	21.12 1.88 -3.98	24.15 2.00 -5.75	32.10 2.35 -10.99	30.03 2.84 -4.25	27.89 2.76 -3.22	26.05 2.45 -4.15	22.99 2.01 -4.94	22.92 1.70 -6.65	22.24 1.59 -6.18
EAST HAMPTON___GT 23717	19.56 2.43 -6.78	18.13 2.25 -6.37	17.10 2.17 -5.59	16.40 1.99 -5.74	17.68 2.33 -4.99	19.93 2.54 -7.00	23.98 2.85 -10.23	26.43 3.87 -8.08	25.91 4.10 -7.12	26.23 4.27 -5.93	28.28 4.46 -7.60	26.00 4.30 -5.81	25.45 4.00 -6.60	24.84 4.02 -5.89	24.41 3.87 -5.99	24.92 4.03 -5.63	29.35 4.46 -8.49	36.72 5.52 -12.44	36.00 6.70 -6.37	34.64 6.31 -6.42	33.10 5.56 -8.09	30.26 4.54 -9.67	26.90 4.03 -8.30	24.80 3.79 -6.55
EAST RIVER___6 23660	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.87 1.26 -9.72	23.82 1.69 -7.64	24.92 1.92 -8.30	26.20 2.05 -8.11	23.33 2.16 -4.95	25.04 2.10 -7.06	25.05 1.98 -8.22	22.80 1.99 -5.88	20.57 1.91 -4.11	21.97 1.98 -4.73	25.06 2.12 -6.54	32.24 2.48 -10.99	30.17 2.98 -4.25	28.05 2.91 -3.23	26.20 2.59 -4.16	23.09 2.10 -4.95	22.99 1.78 -6.65	22.24 1.59 -6.18
EAST RIVER___7 23524	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.87 1.26 -9.72	23.82 1.69 -7.64	24.92 1.92 -8.30	26.20 2.05 -8.11	23.33 2.16 -4.95	25.04 2.10 -7.06	25.05 1.98 -8.22	22.80 1.99 -5.88	20.57 1.91 -4.11	21.97 1.98 -4.73	25.06 2.12 -6.54	32.24 2.48 -10.99	30.17 2.98 -4.25	28.05 2.91 -3.23	26.20 2.59 -4.16	23.09 2.10 -4.95	22.99 1.78 -6.65	22.24 1.59 -6.18
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.15 1.02 -6.78	16.81 0.93 -6.36	15.78 0.88 -5.56	15.19 0.81 -5.71	16.28 0.94 -4.98	18.35 0.98 -6.99	21.70 1.12 -9.69	23.60 1.49 -7.62	22.21 1.72 -5.80	20.95 1.83 -3.09	22.36 1.91 -4.23	22.13 1.87 -4.37	21.23 1.75 -4.63	21.44 1.78 -4.73	20.22 1.70 -3.97	20.90 1.77 -3.87	23.21 1.89 -4.92	31.93 2.21 -10.95	29.83 2.66 -4.23	27.50 2.61 -2.99	25.70 2.31 -3.94	22.84 1.88 -4.92	22.78 1.59 -6.63	22.03 1.40 -6.16
EAST_HAMPTON___DIESEL 23722	19.57 2.44 -6.78	18.13 2.25 -6.37	17.10 2.17 -5.59	16.40 1.99 -5.74	17.68 2.33 -4.99	19.93 2.54 -7.00	23.99 2.86 -10.23	26.43 3.87 -8.08	25.92 4.11 -7.12	26.23 4.27 -5.93	28.28 4.46 -7.60	26.00 4.30 -5.81	25.47 4.01 -6.60	24.84 4.02 -5.89	24.41 3.87 -5.99	24.92 4.03 -5.63	29.37 4.48 -8.49	36.72 5.52 -12.44	36.00 6.70 -6.37	34.66 6.33 -6.42	33.10 5.56 -8.09	30.27 4.56 -9.67	26.90 4.03 -8.30	24.80 3.79 -6.55
EAST_RIVER___1 323558	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.49 1.10 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	24.75 1.91 -8.14	25.86 2.04 -7.79	23.30 2.14 -4.94	24.89 2.08 -6.93	24.89 1.96 -8.08	22.71 1.97 -5.80	20.54 1.89 -4.11	21.90 1.97 -4.67	24.98 2.10 -6.48	32.22 2.46 -10.99	30.14 2.96 -4.25	28.01 2.89 -3.21	26.16 2.57 -4.15	23.08 2.08 -4.95	22.97 1.76 -6.65	22.22 1.58 -6.18
EAST_RIVER___2 323559	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.87 1.26 -9.72	23.82 1.69 -7.64	24.92 1.92 -8.30	26.20 2.05 -8.11	23.33 2.16 -4.95	25.04 2.10 -7.06	25.05 1.98 -8.22	22.80 1.99 -5.88	20.57 1.91 -4.11	21.97 1.98 -4.73	25.06 2.12 -6.54	32.24 2.48 -10.99	30.17 2.98 -4.25	28.05 2.91 -3.23	26.20 2.59 -4.16	23.09 2.10 -4.95	22.99 1.78 -6.65	22.24 1.59 -6.18
EAST___DELAWARE_HYD 23607	17.36 0.85 -6.17	16.07 0.77 -5.79	15.21 0.76 -5.11	14.60 0.70 -5.24	15.75 0.82 -4.57	17.65 0.85 -6.41	20.76 0.98 -8.89	22.75 1.28 -6.99	21.50 1.48 -5.32	20.44 1.57 -2.83	21.69 1.62 -3.85	21.44 1.57 -3.98	20.50 1.47 -4.17	20.81 1.54 -4.34	19.66 1.47 -3.64	20.34 1.53 -3.55	22.48 1.67 -4.41	30.69 2.05 -9.88	29.28 2.52 -3.82	27.06 2.45 -2.69	25.16 2.16 -3.55	22.23 1.75 -4.44	22.01 1.47 -5.98	21.29 1.27 -5.56
ELEC_TRO_TEK 24086	18.33 1.20 -6.79	16.99 1.11 -6.37	16.04 1.10 -5.59	15.40 1.00 -5.74	16.50 1.15 -4.99	18.58 1.19 -7.01	26.08 1.38 -13.80	27.45 1.83 -11.14	26.69 2.04 -9.95	27.17 2.05 -9.08	27.92 2.19 -9.51	26.94 2.14 -8.91	26.37 2.04 -9.48	25.92 2.05 -8.94	25.47 1.96 -8.96	25.76 2.05 -8.45	29.20 2.15 -10.65	34.91 2.52 -13.63	36.55 3.07 -10.54	34.30 2.96 -9.44	31.69 2.64 -9.59	29.85 2.15 -11.66	26.69 1.91 -10.22	25.30 1.73 -9.10
ELLENBURG_WT_PWR 323604	9.87 -0.48 0.00	9.08 -0.44 0.00	8.92 -0.42 0.00	8.26 -0.40 0.00	9.83 -0.53 0.00	9.82 -0.56 0.00	10.16 -0.73 0.00	13.53 -0.96 0.00	13.69 -1.00 0.00	14.94 -1.09 0.00	15.01 -1.14 0.07	14.77 -1.11 0.00	13.81 -1.04 0.00	13.98 -0.96 0.00	13.62 -0.93 0.00	14.29 -0.98 0.00	15.35 -1.05 0.00	17.43 -1.33 0.00	21.38 -1.56 0.00	20.40 -1.51 0.00	18.09 -1.36 0.00	14.98 -1.06 0.00	13.59 -0.98 0.00	13.55 -0.91 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	11.14 -0.30 -1.09	10.28 -0.26 -1.02	9.97 -0.27 -0.90	9.35 -0.23 -0.92	10.89 -0.27 -0.80	11.33 -0.19 -1.13	12.50 0.04 -1.56	15.69 -0.04 -1.24	15.48 -0.16 -0.95	16.30 -0.24 -0.50	16.94 0.03 -0.68	16.64 0.05 -0.71	15.70 0.10 -0.74	15.71 0.00 -0.77	15.14 -0.06 -0.65	15.70 -0.20 -0.63	17.00 -0.18 -0.78	20.59 0.08 -1.74	23.74 0.09 -0.71	22.36 -0.02 -0.48	20.23 0.15 -0.63	16.89 0.06 -0.78	15.71 0.09 -1.06	15.37 -0.07 -0.98
EMPIRE_CC_1 323656	19.50 0.60 -8.55	18.10 0.56 -8.03	16.97 0.55 -7.08	16.39 0.51 -7.22	17.27 0.62 -6.29	19.84 0.62 -8.83	23.71 0.58 -12.24	24.86 0.75 -9.62	22.86 0.84 -7.33	20.88 0.95 -3.90	22.51 0.99 -5.30	22.33 0.97 -5.48	21.51 0.91 -5.74	21.81 0.90 -5.98	20.42 0.86 -5.01	21.05 0.90 -4.88	23.31 0.85 -6.05	33.33 0.99 -13.57	29.42 1.24 -5.24	26.75 1.14 -3.70	25.36 1.03 -4.88	22.99 0.85 -6.10	23.53 0.76 -8.21	22.92 0.82 -7.63
EMPIRE_CC_2 323658	19.50 0.60 -8.55	18.10 0.56 -8.03	16.97 0.55 -7.08	16.39 0.51 -7.22	17.27 0.62 -6.29	19.84 0.62 -8.83	23.71 0.58 -12.24	24.86 0.75 -9.62	22.86 0.84 -7.33	20.88 0.95 -3.90	22.51 0.99 -5.30	22.33 0.97 -5.48	21.51 0.91 -5.74	21.81 0.90 -5.98	20.42 0.86 -5.01	21.05 0.90 -4.88	23.31 0.85 -6.05	33.33 0.99 -13.57	29.42 1.24 -5.24	26.75 1.14 -3.70	25.36 1.03 -4.88	22.99 0.85 -6.10	23.53 0.76 -8.21	22.92 0.82 -7.63
ERIE_WT_PWR 323693	11.27 -0.20 -1.12	10.40 -0.16 -1.05	10.09 -0.18 -0.92	9.46 -0.15 -0.94	11.02 -0.17 -0.82	11.47 -0.07 -1.16	12.67 0.17 -1.60	15.91 0.14 -1.27	15.71 0.04 -0.97	16.54 -0.02 -0.52	17.18 0.26 -0.70	16.88 0.27 -0.73	15.93 0.31 -0.76	15.93 0.21 -0.79	15.36 0.15 -0.66	15.93 0.02 -0.65	17.25 0.05 -0.80	20.91 0.36 -1.79	24.13 0.46 -0.73	22.73 0.33 -0.49	20.56 0.47 -0.64	17.17 0.32 -0.80	15.95 0.31 -1.08	15.58 0.12 -1.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	12.08 0.22 -1.52	11.14 0.20 -1.43	10.78 0.18 -1.26	10.12 0.17 -1.29	11.71 0.23 -1.12	12.24 0.28 -1.57	13.50 0.42 -2.18	16.82 0.59 -1.74	16.58 0.56 -1.33	17.35 0.61 -0.70	17.91 0.73 -0.96	17.56 0.68 -0.99	16.52 0.62 -1.04	16.61 0.60 -1.08	15.99 0.54 -0.91	16.68 0.53 -0.88	18.08 0.59 -1.09	22.02 0.82 -2.43	24.93 1.06 -0.94	23.58 1.01 -0.66	21.20 0.88 -0.87	17.81 0.67 -1.09	16.59 0.55 -1.47	16.35 0.52 -1.37
E_CANADA_CAP_HY 24051	21.98 0.50 -11.14	20.42 0.45 -10.46	19.02 0.46 -9.22	18.52 0.44 -9.41	19.12 0.56 -8.20	22.42 0.52 -11.51	27.51 0.65 -15.97	27.88 0.84 -12.55	25.16 0.91 -9.56	22.16 1.04 -5.08	24.10 0.97 -6.91	23.93 0.91 -7.14	23.30 0.95 -7.49	23.65 0.93 -7.79	21.93 0.84 -6.54	22.52 0.88 -6.37	25.28 0.97 -7.91	37.63 1.14 -17.72	31.28 1.49 -6.85	28.12 1.38 -4.83	27.01 1.19 -6.37	24.92 0.91 -7.97	26.28 0.99 -10.73	25.30 0.87 -9.97
E_CANADA_MHWK_HY 24050	10.51 0.35 0.19	9.66 0.32 0.18	9.51 0.33 0.16	8.83 0.33 0.16	10.65 0.44 0.14	10.62 0.44 0.20	11.11 0.49 0.27	14.84 0.59 0.24	15.08 0.57 0.18	16.55 0.61 0.10	16.69 0.60 0.13	16.32 0.57 0.14	15.24 0.53 0.14	15.32 0.54 0.15	14.92 0.49 0.13	15.63 0.49 0.12	16.81 0.54 0.14	19.11 0.64 0.29	23.65 0.82 0.11	22.60 0.77 0.08	20.01 0.66 0.10	16.43 0.51 0.13	14.84 0.45 0.18	14.73 0.43 0.16
E_FISHKILL___LBMP 23776	18.11 0.94 -6.83	16.78 0.86 -6.41	15.80 0.82 -5.64	15.25 0.75 -5.83	16.32 0.88 -5.08	18.44 0.91 -7.14	21.82 1.04 -9.90	23.65 1.38 -7.78	22.19 1.57 -5.93	20.85 1.67 -3.15	22.38 1.77 -4.39	22.14 1.72 -4.54	21.35 1.60 -4.89	21.39 1.63 -4.83	20.17 1.57 -4.05	20.83 1.62 -3.95	23.23 1.71 -5.12	31.98 2.01 -11.20	29.70 2.43 -4.33	27.33 2.37 -3.05	25.58 2.10 -4.03	22.80 1.72 -5.04	22.79 1.44 -6.78	22.05 1.29 -6.30
FAR ROCKAWAY___4 23548	18.52 1.39 -6.79	17.17 1.28 -6.37	16.20 1.26 -5.60	15.55 1.14 -5.75	16.68 1.33 -4.99	18.78 1.38 -7.01	31.05 1.58 -18.58	31.81 2.09 -15.23	31.40 2.31 -14.40	33.41 2.32 -15.05	31.85 2.50 -13.13	31.38 2.43 -13.06	30.49 2.30 -13.34	30.25 2.30 -13.02	30.01 2.23 -13.24	30.16 2.31 -12.59	33.58 2.46 -14.72	36.87 2.89 -15.22	42.61 3.56 -16.11	38.79 3.40 -13.48	34.92 3.03 -12.44	33.92 2.47 -15.40	30.62 2.20 -13.85	29.00 2.01 -12.53
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.30 1.16 -6.79	16.94 1.06 -6.37	15.92 1.01 -5.57	15.30 0.92 -5.72	16.43 1.08 -4.99	18.50 1.11 -7.00	21.88 1.27 -9.72	23.82 1.69 -7.64	24.91 1.91 -8.31	26.20 2.05 -8.12	23.31 2.14 -4.95	25.04 2.10 -7.06	25.04 1.96 -8.22	22.78 1.97 -5.88	20.57 1.91 -4.11	21.96 1.97 -4.73	25.04 2.10 -6.54	32.22 2.46 -10.99	30.17 2.98 -4.25	28.03 2.89 -3.23	26.20 2.59 -4.16	23.09 2.10 -4.95	22.99 1.78 -6.65	22.24 1.59 -6.18
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.30 1.16 -6.79	16.94 1.06 -6.37	15.91 1.00 -5.57	15.30 0.92 -5.72	16.43 1.08 -4.99	18.50 1.11 -7.00	21.88 1.27 -9.72	23.82 1.69 -7.64	24.91 1.91 -8.31	26.20 2.05 -8.12	23.31 2.14 -4.95	25.04 2.10 -7.06	25.04 1.96 -8.22	22.78 1.97 -5.88	20.57 1.91 -4.11	21.96 1.97 -4.73	25.04 2.10 -6.54	32.22 2.46 -10.99	30.15 2.96 -4.25	28.03 2.89 -3.23	26.18 2.57 -4.16	23.08 2.08 -4.95	22.97 1.76 -6.65	22.24 1.59 -6.18
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.28 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.50 1.11 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	24.91 1.91 -8.31	26.19 2.04 -8.12	23.31 2.14 -4.95	25.03 2.08 -7.06	25.02 1.95 -8.22	22.78 1.97 -5.88	20.55 1.89 -4.11	21.96 1.97 -4.73	25.04 2.10 -6.54	32.22 2.46 -10.99	30.15 2.96 -4.25	28.03 2.89 -3.23	26.18 2.57 -4.16	23.08 2.08 -4.95	22.97 1.76 -6.65	22.24 1.59 -6.18
FARRAGUT___LBMP 323566	18.27 1.14 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.30 0.91 -5.72	16.41 1.06 -4.99	18.49 1.10 -7.00	21.86 1.25 -9.72	23.79 1.67 -7.64	24.90 1.90 -8.31	26.17 2.02 -8.12	23.28 2.11 -4.95	25.01 2.06 -7.06	25.01 1.93 -8.22	22.75 1.94 -5.88	20.54 1.88 -4.11	21.95 1.95 -4.73	25.01 2.07 -6.54	32.18 2.42 -10.99	30.12 2.94 -4.25	28.00 2.87 -3.23	26.16 2.55 -4.16	23.06 2.07 -4.95	22.96 1.75 -6.65	22.22 1.58 -6.18
FENNER___WINDPWR 24204	11.04 0.18 -0.52	10.15 0.15 -0.49	9.92 0.15 -0.43	9.24 0.14 -0.44	10.93 0.19 -0.38	11.12 0.20 -0.54	11.96 0.33 -0.75	15.67 0.43 -0.74	15.67 0.41 -0.57	16.80 0.47 -0.30	17.18 0.55 -0.41	16.82 0.51 -0.42	15.76 0.46 -0.44	15.84 0.45 -0.46	15.33 0.39 -0.39	16.04 0.40 -0.38	17.26 0.43 -0.43	20.24 0.64 -0.84	24.13 0.87 -0.32	22.95 0.81 -0.23	20.43 0.68 -0.30	16.93 0.51 -0.38	15.51 0.44 -0.51	15.33 0.39 -0.47
FIBERTEK___ENERGY 23856	11.01 -0.02 -0.68	10.13 -0.02 -0.64	9.88 -0.03 -0.56	9.21 -0.03 -0.58	10.85 -0.01 -0.50	11.11 0.02 -0.71	11.98 0.11 -0.98	15.44 0.16 -0.79	15.40 0.10 -0.61	16.47 0.11 -0.32	16.87 0.21 -0.44	16.51 0.18 -0.45	15.51 0.18 -0.47	15.58 0.15 -0.49	15.08 0.12 -0.41	15.77 0.11 -0.40	17.00 0.10 -0.49	20.08 0.23 -1.09	23.63 0.28 -0.42	22.47 0.26 -0.30	20.08 0.23 -0.39	16.71 0.18 -0.49	15.37 0.15 -0.66	15.21 0.13 -0.61



FITZPATRICK____ 23598	10.51 -0.26 -0.42	9.67 -0.24 -0.39	9.45 -0.23 -0.35	8.80 -0.22 -0.35	10.42 -0.25 -0.31	10.59 -0.23 -0.43	11.31 -0.19 -0.60	14.72 -0.25 -0.48	14.75 -0.31 -0.37	15.89 -0.34 -0.19	16.20 -0.29 -0.26	15.87 -0.29 -0.27	14.87 -0.27 -0.29	14.95 -0.28 -0.30	14.51 -0.29 -0.25	15.19 -0.32 -0.24	16.34 -0.36 -0.30	19.08 -0.36 -0.67	22.76 -0.44 -0.26	21.67 -0.42 -0.18	19.32 -0.37 -0.24	16.04 -0.31 -0.30	14.71 -0.26 -0.40	14.58 -0.26 -0.38
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.35 1.01 -6.99	17.00 0.92 -6.56	16.01 0.89 -5.79	15.41 0.81 -5.94	16.49 0.95 -5.17	18.63 0.99 -7.26	22.08 1.12 -10.07	23.88 1.48 -7.92	22.43 1.70 -6.03	21.04 1.80 -3.21	22.50 1.88 -4.39	22.25 1.83 -4.54	21.38 1.72 -4.81	21.61 1.76 -4.92	20.37 1.70 -4.12	21.05 1.77 -4.02	23.37 1.89 -5.08	32.34 2.27 -11.30	30.06 2.75 -4.37	27.68 2.69 -3.08	25.88 2.37 -4.06	23.06 1.94 -5.08	23.03 1.63 -6.84	22.24 1.42 -6.36
FORT ORANGE____ 23900	19.69 0.69 -8.65	18.27 0.64 -8.12	17.12 0.63 -7.16	16.54 0.58 -7.30	17.42 0.69 -6.36	20.01 0.70 -8.93	24.00 0.72 -12.39	25.12 0.90 -9.74	23.01 0.90 -7.41	20.96 0.98 -3.94	22.60 1.02 -5.36	22.41 0.99 -5.54	21.59 0.92 -5.81	21.91 0.93 -6.05	20.51 0.89 -5.07	21.12 0.92 -4.94	23.50 0.97 -6.13	33.65 1.14 -13.74	29.65 1.40 -5.31	26.97 1.31 -3.75	25.58 1.19 -4.94	23.18 0.96 -6.18	23.81 0.93 -8.32	23.19 1.00 -7.73
FORT_DRUM_COGEN 23780	10.29 -0.32 -0.27	9.44 -0.32 -0.25	9.24 -0.32 -0.22	8.60 -0.29 -0.22	10.24 -0.31 -0.20	10.28 -0.38 -0.27	11.02 -0.25 -0.38	14.41 -0.36 -0.28	14.54 -0.37 -0.21	16.00 -0.14 -0.11	16.18 -0.18 -0.14	15.89 -0.16 -0.16	14.75 -0.27 -0.17	14.90 -0.21 -0.17	14.32 -0.38 -0.15	15.01 -0.40 -0.14	16.05 -0.51 -0.15	18.77 -0.41 -0.42	22.87 -0.23 -0.16	21.76 -0.26 -0.11	19.25 -0.35 -0.15	15.91 -0.32 -0.19	14.53 -0.29 -0.25	14.37 -0.33 -0.24
FPL_FAR_ROCK_GT1 24212	18.52 1.39 -6.79	17.17 1.28 -6.37	16.20 1.26 -5.60	15.55 1.14 -5.75	16.68 1.33 -4.99	18.78 1.38 -7.01	31.05 1.58 -18.58	31.81 2.09 -15.23	31.40 2.31 -14.40	33.41 2.32 -15.05	31.85 2.50 -13.13	31.38 2.43 -13.06	30.49 2.30 -13.34	30.25 2.30 -13.02	30.01 2.23 -13.24	30.16 2.31 -12.59	33.58 2.46 -14.72	36.87 2.89 -15.22	42.61 3.56 -16.11	38.79 3.40 -13.48	34.92 3.03 -12.44	33.92 2.47 -15.40	30.62 2.20 -13.85	29.00 2.01 -12.53
FPL_FAR_ROCK_GT2 23815	18.52 1.39 -6.79	17.17 1.28 -6.37	16.20 1.26 -5.60	15.55 1.14 -5.75	16.68 1.33 -4.99	18.78 1.38 -7.01	31.05 1.58 -18.58	31.81 2.09 -15.23	31.40 2.31 -14.40	33.41 2.32 -15.05	31.85 2.50 -13.13	31.38 2.43 -13.06	30.49 2.30 -13.34	30.25 2.30 -13.02	30.01 2.23 -13.24	30.16 2.31 -12.59	33.58 2.46 -14.72	36.87 2.89 -15.22	42.61 3.56 -16.11	38.79 3.40 -13.48	34.92 3.03 -12.44	33.92 2.47 -15.40	30.62 2.20 -13.85	29.00 2.01 -12.53
FRANKLIN_FALL_HYD 24054	9.84 -0.51 0.00	9.05 -0.47 0.00	8.90 -0.44 0.00	8.24 -0.42 0.00	9.79 -0.57 0.00	9.77 -0.61 0.00	10.07 -0.82 0.00	13.39 -1.10 0.00	13.52 -1.18 0.00	14.78 -1.25 0.00	14.87 -1.28 0.07	14.63 -1.26 0.00	13.68 -1.17 0.00	13.89 -1.05 0.00	13.49 -1.06 0.00	14.13 -1.13 0.00	15.19 -1.21 0.00	17.26 -1.50 0.00	21.22 -1.72 0.00	20.24 -1.67 0.00	17.93 -1.52 0.00	14.90 -1.14 0.00	13.51 -1.05 0.00	13.47 -1.00 0.00
FREEPORT_EQUS_GT1 23764	18.46 1.32 -6.79	17.11 1.23 -6.37	16.14 1.21 -5.59	15.50 1.09 -5.74	16.61 1.26 -4.99	18.71 1.32 -7.00	25.78 1.52 -13.36	27.28 2.03 -10.76	26.70 2.23 -9.78	27.46 2.26 -9.17	28.20 2.42 -9.56	26.77 2.35 -8.53	26.20 2.21 -9.13	25.72 2.23 -8.56	25.38 2.15 -8.68	25.71 2.24 -8.20	29.48 2.38 -10.70	35.04 2.80 -13.48	36.38 3.42 -10.03	34.26 3.29 -9.07	32.00 2.92 -9.63	30.14 2.39 -11.71	26.95 2.11 -10.27	25.18 1.92 -8.79
FREEPORT____CT2 23818	18.46 1.32 -6.79	17.11 1.23 -6.37	16.14 1.21 -5.59	15.50 1.09 -5.74	16.61 1.26 -4.99	18.71 1.32 -7.00	25.78 1.52 -13.36	27.28 2.03 -10.76	26.70 2.23 -9.78	27.46 2.26 -9.17	28.20 2.42 -9.56	26.77 2.35 -8.53	26.20 2.21 -9.13	25.72 2.23 -8.56	25.38 2.15 -8.68	25.71 2.24 -8.20	29.48 2.38 -10.70	35.04 2.80 -13.48	36.38 3.42 -10.03	34.26 3.29 -9.07	32.00 2.92 -9.63	30.14 2.39 -11.71	26.95 2.11 -10.27	25.18 1.92 -8.79
FULTON COGEN____ 23766	10.74 -0.14 -0.54	9.86 -0.15 -0.50	9.63 -0.16 -0.44	8.98 -0.14 -0.45	10.60 -0.16 -0.40	10.82 -0.12 -0.56	11.60 -0.06 -0.77	15.05 -0.06 -0.62	15.07 -0.10 -0.48	16.18 -0.11 -0.25	16.53 -0.03 -0.34	16.19 -0.05 -0.36	15.18 -0.04 -0.37	15.26 -0.06 -0.39	14.79 -0.09 -0.33	15.46 -0.12 -0.32	16.66 -0.13 -0.39	19.55 -0.07 -0.86	23.18 -0.09 -0.33	22.08 -0.07 -0.23	19.68 -0.08 -0.31	16.36 -0.06 -0.39	15.03 -0.06 -0.52	14.89 -0.06 -0.48
FULTON____LFGE 323630	22.25 1.34 -10.57	20.64 1.21 -9.92	19.32 1.23 -8.75	18.77 1.18 -8.93	19.61 1.47 -7.78	22.68 1.37 -10.92	27.75 1.72 -15.14	28.64 2.25 -11.90	26.12 2.37 -9.06	23.45 2.60 -4.82	25.21 2.43 -6.55	24.98 2.32 -6.77	24.22 2.26 -7.10	24.52 2.20 -7.39	22.84 2.10 -6.20	23.49 2.18 -6.04	26.26 2.36 -7.50	38.46 2.89 -16.81	33.01 3.58 -6.50	29.84 3.35 -4.58	28.45 2.96 -6.04	25.94 2.34 -7.55	27.02 2.29 -10.17	26.01 2.10 -9.45
G.F.CEMENT____DRP 24184	20.63 1.04 -9.24	19.17 0.98 -8.67	17.97 0.98 -7.65	17.39 0.93 -7.80	18.31 1.15 -6.80	21.06 1.13 -9.54	25.41 1.28 -13.23	26.61 1.72 -10.40	24.39 1.78 -7.92	22.22 1.97 -4.21	23.89 1.95 -5.72	23.74 1.94 -5.92	22.92 1.86 -6.21	23.20 1.81 -6.46	21.72 1.76 -5.42	22.37 1.83 -5.28	24.84 1.89 -6.56	35.67 2.21 -14.69	31.34 2.73 -5.68	28.35 2.43 -4.01	26.91 2.18 -5.28	24.44 1.80 -6.60	25.09 1.63 -8.89	24.22 1.48 -8.28
GARDENVILLE____LBMP 24039	11.21 -0.25 -1.11	10.35 -0.21 -1.04	10.03 -0.23 -0.92	9.41 -0.19 -0.94	10.96 -0.22 -0.82	11.40 -0.14 -1.15	12.60 0.11 -1.59	15.81 0.06 -1.27	15.60 -0.06 -0.97	16.42 -0.13 -0.51	17.07 0.15 -0.70	16.77 0.16 -0.72	15.82 0.21 -0.76	15.83 0.11 -0.79	15.25 0.04 -0.66	15.82 -0.09 -0.64	17.13 -0.07 -0.80	20.75 0.21 -1.78	23.94 0.28 -0.72	22.55 0.15 -0.48	20.40 0.31 -0.64	17.03 0.19 -0.80	15.83 0.19 -1.08	15.48 0.01 -1.00
GENERAL____MILLS 23808	11.26 -0.21 -1.12	10.39 -0.17 -1.05	10.08 -0.19 -0.92	9.45 -0.16 -0.94	11.01 -0.18 -0.82	11.46 -0.08 -1.16	12.66 0.16 -1.60	15.89 0.13 -1.27	15.68 0.01 -0.97	16.52 -0.03 -0.52	17.17 0.24 -0.70	16.86 0.25 -0.73	15.90 0.28 -0.76	15.92 0.19 -0.79	15.34 0.13 -0.66	15.90 -0.02 -0.65	17.22 0.02 -0.80	20.87 0.32 -1.79	24.11 0.43 -0.73	22.70 0.31 -0.49	20.54 0.45 -0.64	17.13 0.29 -0.80	15.92 0.28 -1.08	15.57 0.10 -1.00
GE_PLASTICS____DRP 24183	19.65 0.59 -8.71	18.23 0.54 -8.18	17.08 0.53 -7.21	16.51 0.49 -7.35	17.37 0.60 -6.41	19.98 0.60 -9.00	23.99 0.62 -12.48	25.08 0.78 -9.81	22.95 0.79 -7.47	20.87 0.87 -3.97	22.53 0.91 -5.40	22.34 0.87 -5.58	21.54 0.83 -5.85	21.84 0.82 -6.09	20.44 0.79 -5.11	21.05 0.81 -4.98	23.44 0.87 -6.17	33.62 1.03 -13.82	29.54 1.26 -5.34	26.88 1.20 -3.77	25.49 1.07 -4.97	23.14 0.88 -6.21	23.76 0.83 -8.37	23.11 0.87 -7.78



GILBOA___1 23756	17.65 0.51 -6.79	16.36 0.47 -6.38	15.42 0.46 -5.62	14.82 0.42 -5.74	15.86 0.50 -5.00	17.92 0.52 -7.02	21.21 0.59 -9.73	22.91 0.77 -7.65	21.36 0.84 -5.83	20.05 0.91 -3.10	21.39 0.96 -4.21	21.18 0.94 -4.35	20.30 0.88 -4.57	20.57 0.88 -4.75	19.38 0.84 -3.99	20.02 0.87 -3.88	22.15 0.95 -4.80	30.65 1.13 -10.76	28.45 1.35 -4.16	26.16 1.31 -2.93	24.48 1.17 -3.87	21.84 0.96 -4.83	21.89 0.82 -6.51	21.27 0.75 -6.05
GILBOA___2 23757	17.65 0.51 -6.79	16.36 0.47 -6.38	15.42 0.46 -5.62	14.82 0.42 -5.74	15.86 0.50 -5.00	17.92 0.52 -7.02	21.21 0.59 -9.73	22.91 0.77 -7.65	21.36 0.84 -5.83	20.05 0.91 -3.10	21.39 0.96 -4.21	21.18 0.94 -4.35	20.30 0.88 -4.57	20.57 0.88 -4.75	19.38 0.84 -3.99	20.02 0.87 -3.88	22.15 0.95 -4.80	30.65 1.13 -10.76	28.45 1.35 -4.16	26.16 1.31 -2.93	24.48 1.17 -3.87	21.84 0.96 -4.83	21.89 0.82 -6.51	21.27 0.75 -6.05
GILBOA___3 23758	17.65 0.51 -6.79	16.36 0.47 -6.38	15.42 0.46 -5.62	14.82 0.42 -5.74	15.86 0.50 -5.00	17.92 0.52 -7.02	21.21 0.59 -9.73	22.91 0.77 -7.65	21.36 0.84 -5.83	20.05 0.91 -3.10	21.39 0.96 -4.21	21.18 0.94 -4.35	20.30 0.88 -4.57	20.57 0.88 -4.75	19.38 0.84 -3.99	20.02 0.87 -3.88	22.15 0.95 -4.80	30.65 1.13 -10.76	28.45 1.35 -4.16	26.16 1.31 -2.93	24.48 1.17 -3.87	21.84 0.96 -4.83	21.89 0.82 -6.51	21.27 0.75 -6.05
GILBOA___4 23759	17.65 0.51 -6.79	16.36 0.47 -6.38	15.42 0.46 -5.62	14.82 0.42 -5.74	15.86 0.50 -5.00	17.92 0.52 -7.02	21.21 0.59 -9.73	22.91 0.77 -7.65	21.36 0.84 -5.83	20.05 0.91 -3.10	21.39 0.96 -4.21	21.18 0.94 -4.35	20.30 0.88 -4.57	20.57 0.88 -4.75	19.38 0.84 -3.99	20.02 0.87 -3.88	22.15 0.95 -4.80	30.65 1.13 -10.76	28.45 1.35 -4.16	26.16 1.31 -2.93	24.48 1.17 -3.87	21.84 0.96 -4.83	21.89 0.82 -6.51	21.27 0.75 -6.05
GILBOA____ 23599	17.65 0.51 -6.79	16.36 0.47 -6.38	15.42 0.46 -5.62	14.82 0.42 -5.74	15.86 0.50 -5.00	17.92 0.52 -7.02	21.21 0.59 -9.73	22.91 0.77 -7.65	21.36 0.84 -5.83	20.05 0.91 -3.10	21.39 0.96 -4.21	21.18 0.94 -4.35	20.30 0.88 -4.57	20.57 0.88 -4.75	19.38 0.84 -3.99	20.02 0.87 -3.88	22.15 0.95 -4.80	30.65 1.13 -10.76	28.45 1.35 -4.16	26.16 1.31 -2.93	24.48 1.17 -3.87	21.84 0.96 -4.83	21.89 0.82 -6.51	21.27 0.75 -6.05
GINNA____ 23603	10.45 -0.69 -0.80	9.61 -0.65 -0.75	9.37 -0.64 -0.66	8.76 -0.57 -0.67	10.29 -0.65 -0.59	10.67 -0.54 -0.83	11.59 -0.45 -1.14	14.75 -0.65 -0.91	14.47 -0.93 -0.70	15.36 -1.04 -0.37	15.82 -0.91 -0.50	15.58 -0.83 -0.52	14.67 -0.73 -0.55	14.65 -0.85 -0.57	14.18 -0.84 -0.48	14.78 -0.95 -0.46	15.97 -1.00 -0.57	19.10 -0.94 -1.27	22.17 -1.26 -0.49	21.01 -1.25 -0.35	18.84 -1.07 -0.46	15.68 -0.93 -0.57	14.53 -0.80 -0.77	14.55 -0.64 -0.72
GLEN PARK____ 23778	10.30 -0.33 -0.28	9.45 -0.32 -0.26	9.26 -0.32 -0.23	8.61 -0.29 -0.24	10.25 -0.32 -0.21	10.28 -0.39 -0.29	11.07 -0.23 -0.40	14.46 -0.33 -0.30	14.59 -0.34 -0.23	16.05 -0.11 -0.12	16.23 -0.15 -0.15	15.95 -0.11 -0.17	14.81 -0.22 -0.18	14.96 -0.16 -0.19	14.34 -0.36 -0.16	15.04 -0.38 -0.15	16.08 -0.49 -0.17	18.85 -0.36 -0.45	22.95 -0.16 -0.17	21.83 -0.20 -0.12	19.32 -0.29 -0.16	15.95 -0.29 -0.20	14.56 -0.28 -0.27	14.40 -0.32 -0.25
GLENWOOD_IC_1_G5 23712	18.34 1.21 -6.79	16.99 1.11 -6.37	16.02 1.08 -5.59	15.39 0.99 -5.74	16.50 1.15 -4.99	18.58 1.19 -7.00	24.54 1.37 -12.28	26.15 1.83 -9.83	25.34 2.04 -8.61	25.53 2.12 -7.37	26.95 2.25 -8.48	25.68 2.21 -7.59	25.19 2.08 -8.25	24.66 2.09 -7.64	24.18 2.01 -7.63	24.53 2.09 -7.18	28.09 2.21 -9.48	34.49 2.61 -13.12	34.86 3.17 -8.76	33.10 3.04 -8.15	30.95 2.72 -8.78	28.84 2.21 -10.58	25.65 1.91 -9.18	24.21 1.73 -8.01
GLENWOOD_IC_2_G1 23688	18.28 1.15 -6.78	16.94 1.06 -6.37	15.95 1.02 -5.59	15.33 0.93 -5.74	16.43 1.08 -4.99	18.51 1.12 -7.00	23.22 1.30 -11.03	24.96 1.71 -8.76	23.84 1.94 -7.21	23.22 2.00 -5.18	25.51 2.14 -7.15	24.48 2.10 -6.50	24.08 1.98 -7.25	23.49 1.99 -6.57	22.85 1.91 -6.40	23.22 1.98 -5.97	26.48 2.10 -7.98	33.93 2.46 -12.70	33.22 2.98 -7.30	31.89 2.89 -7.09	29.77 2.59 -7.73	27.35 2.10 -9.20	24.21 1.81 -7.85	23.20 1.62 -7.12
GLENWOOD_IC_3_G1 23689	18.28 1.15 -6.78	16.94 1.06 -6.37	15.95 1.02 -5.59	15.33 0.93 -5.74	16.43 1.08 -4.99	18.51 1.12 -7.00	23.22 1.30 -11.03	24.96 1.71 -8.76	23.84 1.94 -7.21	23.22 2.00 -5.18	25.51 2.14 -7.15	24.48 2.10 -6.50	24.08 1.98 -7.25	23.49 1.99 -6.57	22.85 1.91 -6.40	23.22 1.98 -5.97	26.48 2.10 -7.98	33.93 2.46 -12.70	33.22 2.98 -7.30	31.89 2.89 -7.09	29.77 2.59 -7.73	27.35 2.10 -9.20	24.21 1.81 -7.85	23.20 1.62 -7.12
GLENWOOD___4 23550	18.34 1.21 -6.79	16.99 1.11 -6.37	16.02 1.08 -5.59	15.39 0.99 -5.74	16.50 1.15 -4.99	18.58 1.19 -7.00	24.54 1.37 -12.28	26.15 1.83 -9.83	25.34 2.04 -8.61	25.53 2.12 -7.37	26.95 2.25 -8.48	25.68 2.21 -7.59	25.19 2.08 -8.25	24.66 2.09 -7.64	24.18 2.01 -7.63	24.53 2.09 -7.18	28.09 2.21 -9.48	34.49 2.61 -13.12	34.86 3.17 -8.76	33.10 3.04 -8.15	30.95 2.72 -8.78	28.84 2.21 -10.58	25.65 1.91 -9.18	24.21 1.73 -8.01
GLENWOOD___5 23614	18.34 1.21 -6.79	16.99 1.11 -6.37	16.02 1.08 -5.59	15.39 0.99 -5.74	16.50 1.15 -4.99	18.58 1.19 -7.00	24.54 1.37 -12.28	26.15 1.83 -9.83	25.34 2.04 -8.61	25.53 2.12 -7.37	26.95 2.25 -8.48	25.68 2.21 -7.59	25.19 2.08 -8.25	24.66 2.09 -7.64	24.18 2.01 -7.63	24.53 2.09 -7.18	28.09 2.21 -9.48	34.49 2.61 -13.12	34.86 3.17 -8.76	33.10 3.04 -8.15	30.95 2.72 -8.78	28.84 2.21 -10.58	25.65 1.91 -9.18	24.21 1.73 -8.01
GLOBAL GREEN_PORT_GT1 23814	19.53 2.40 -6.78	18.10 2.22 -6.37	17.07 2.14 -5.59	16.36 1.96 -5.74	17.65 2.30 -4.99	19.88 2.49 -7.00	23.93 2.81 -10.23	26.38 3.81 -8.08	25.86 4.06 -7.12	26.17 4.20 -5.93	28.22 4.40 -7.60	25.93 4.24 -5.81	25.39 3.94 -6.60	24.78 3.96 -5.89	24.35 3.81 -5.99	24.86 3.97 -5.63	29.29 4.40 -8.49	36.63 5.42 -12.44	35.91 6.61 -6.37	34.57 6.24 -6.42	33.02 5.49 -8.09	30.21 4.49 -9.67	26.85 3.99 -8.30	24.74 3.73 -6.55
GLOBE___DSASP 323697	10.67 -0.70 -1.03	9.85 -0.63 -0.97	9.56 -0.64 -0.85	8.98 -0.55 -0.87	10.45 -0.67 -0.76	10.86 -0.59 -1.07	11.96 -0.41 -1.48	14.91 -0.75 -1.18	14.71 -0.88 -0.90	15.49 -1.03 -0.48	16.08 -0.79 -0.65	15.81 -0.75 -0.67	14.92 -0.64 -0.70	14.92 -0.75 -0.73	14.40 -0.76 -0.61	14.92 -0.95 -0.60	16.16 -0.98 -0.74	19.53 -0.88 -1.65	22.41 -1.17 -0.64	21.15 -1.20 -0.45	19.19 -0.86 -0.59	16.03 -0.75 -0.74	14.92 -0.64 -1.00	14.67 -0.72 -0.93
GOETHSLN___LBMP 323567	18.27 1.14 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.29 0.90 -5.72	16.41 1.06 -4.99	18.49 1.10 -7.00	21.87 1.26 -9.72	23.78 1.65 -7.64	24.87 1.87 -8.31	26.16 2.00 -8.12	23.26 2.09 -4.95	24.98 2.03 -7.06	25.00 1.92 -8.22	22.74 1.93 -5.88	20.51 1.85 -4.11	21.91 1.92 -4.73	24.99 2.05 -6.54	32.14 2.38 -10.99	30.03 2.84 -4.25	27.94 2.81 -3.23	26.14 2.53 -4.16	23.05 2.05 -4.95	22.93 1.72 -6.65	22.18 1.53 -6.18



GOODYEAR_LAKE_HYD 323669	12.78 0.45 -1.98	11.78 0.41 -1.86	11.38 0.40 -1.64	10.72 0.38 -1.68	12.29 0.47 -1.46	12.89 0.46 -2.05	14.36 0.62 -2.84	17.54 0.81 -2.24	17.30 0.90 -1.71	17.98 1.04 -0.91	18.51 1.05 -1.23	18.18 1.02 -1.28	17.13 0.94 -1.34	17.27 0.94 -1.39	16.56 0.84 -1.17	17.27 0.87 -1.14	18.75 0.93 -1.42	23.12 1.18 -3.17	25.72 1.56 -1.22	24.24 1.47 -0.86	21.87 1.28 -1.14	18.46 0.99 -1.42	17.35 0.87 -1.92	17.01 0.77 -1.78
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	12.81 0.24 -2.23	11.83 0.23 -2.09	11.39 0.21 -1.84	10.75 0.20 -1.89	12.25 0.25 -1.64	12.99 0.30 -2.31	14.51 0.42 -3.20	17.57 0.55 -2.53	17.16 0.54 -1.93	17.64 0.58 -1.02	18.31 0.70 -1.39	17.98 0.65 -1.44	16.97 0.61 -1.51	17.09 0.58 -1.57	16.39 0.52 -1.32	17.05 0.50 -1.28	18.55 0.56 -1.59	23.08 0.75 -3.56	25.25 0.94 -1.38	23.76 0.88 -0.97	21.55 0.82 -1.28	18.27 0.63 -1.60	17.26 0.54 -2.16	16.96 0.49 -2.00
GOUDEY___7 23579	12.82 0.25 -2.23	11.83 0.23 -2.09	11.40 0.22 -1.84	10.75 0.21 -1.89	12.26 0.26 -1.64	12.99 0.30 -2.31	14.53 0.44 -3.20	17.58 0.56 -2.53	17.18 0.56 -1.93	17.65 0.59 -1.02	18.33 0.71 -1.39	17.99 0.67 -1.44	16.99 0.62 -1.51	17.10 0.60 -1.57	16.40 0.54 -1.32	17.07 0.52 -1.28	18.55 0.56 -1.59	23.10 0.77 -3.56	25.28 0.96 -1.38	23.78 0.90 -0.97	21.57 0.84 -1.28	18.29 0.64 -1.60	17.26 0.54 -2.16	16.97 0.51 -2.00
GOUDEY___8 23580	12.81 0.24 -2.23	11.83 0.23 -2.09	11.39 0.21 -1.84	10.75 0.20 -1.89	12.25 0.25 -1.64	12.99 0.30 -2.31	14.51 0.42 -3.20	17.57 0.55 -2.53	17.16 0.54 -1.93	17.64 0.58 -1.02	18.31 0.70 -1.39	17.98 0.65 -1.44	16.97 0.61 -1.51	17.09 0.58 -1.57	16.39 0.52 -1.32	17.05 0.50 -1.28	18.55 0.56 -1.59	23.08 0.75 -3.56	25.25 0.94 -1.38	23.76 0.88 -0.97	21.55 0.82 -1.28	18.27 0.63 -1.60	17.26 0.54 -2.16	16.96 0.49 -2.00
GOWANUS_GT1_1 24077	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT1_2 24078	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT1_3 24079	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT1_4 24080	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT1_5 24084	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT1_6 24111	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT1_7 24112	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT1_8 24113	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT2_1 24114	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT2_2 24115	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT2_3 24116	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18



GOWANUS_GT2_4 24117	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT2_5 24118	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT2_6 24119	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT2_7 24120	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT2_8 24121	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT3_1 24122	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT3_2 24123	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT3_3 24124	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT3_4 24125	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT3_5 24126	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT3_6 24127	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT3_7 24128	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT3_8 24129	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT4_1 24130	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT4_2 24131	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18



GOWANUS_GT4_3 24132	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT4_4 24133	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT4_5 24134	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT4_6 24135	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT4_7 24136	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GOWANUS_GT4_8 24137	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GREENIDGE___3 23582	11.79 0.09 -1.35	10.86 0.09 -1.26	10.52 0.07 -1.12	9.87 0.07 -1.14	11.48 0.12 -0.99	12.00 0.22 -1.40	13.23 0.40 -1.94	16.58 0.55 -1.54	16.32 0.46 -1.17	17.12 0.47 -0.62	17.73 0.67 -0.85	17.37 0.60 -0.88	16.35 0.58 -0.92	16.40 0.51 -0.96	15.80 0.45 -0.80	16.46 0.41 -0.78	17.83 0.46 -0.97	21.65 0.73 -2.16	24.69 0.92 -0.83	23.33 0.83 -0.59	20.98 0.76 -0.77	17.57 0.56 -0.97	16.33 0.47 -1.30	16.13 0.45 -1.21
GREENIDGE___4 23583	11.79 0.09 -1.35	10.86 0.09 -1.26	10.52 0.07 -1.12	9.87 0.07 -1.14	11.48 0.12 -0.99	12.00 0.22 -1.40	13.23 0.40 -1.94	16.58 0.55 -1.54	16.32 0.46 -1.17	17.12 0.47 -0.62	17.73 0.67 -0.85	17.37 0.60 -0.88	16.35 0.58 -0.92	16.40 0.51 -0.96	15.80 0.45 -0.80	16.46 0.41 -0.78	17.83 0.46 -0.97	21.65 0.73 -2.16	24.69 0.92 -0.83	23.33 0.83 -0.59	20.98 0.76 -0.77	17.57 0.56 -0.97	16.33 0.47 -1.30	16.13 0.45 -1.21
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
GROVEVILLE___HYD 323602	18.35 1.01 -6.99	17.00 0.92 -6.56	16.01 0.89 -5.79	15.41 0.81 -5.94	16.49 0.95 -5.17	18.63 0.99 -7.26	22.08 1.12 -10.07	23.88 1.48 -7.92	22.43 1.70 -6.03	21.04 1.80 -3.21	22.50 1.88 -4.39	22.25 1.83 -4.54	21.38 1.72 -4.81	21.61 1.76 -4.92	20.37 1.70 -4.12	21.05 1.77 -4.02	23.37 1.89 -5.08	32.34 2.27 -11.30	30.06 2.75 -4.37	27.68 2.69 -3.08	25.88 2.37 -4.06	23.06 1.94 -5.08	23.03 1.63 -6.84	22.24 1.42 -6.36
HAMPSHIRE___PAPER_HYD 323593	9.83 -0.52 0.00	9.03 -0.48 0.00	8.86 -0.48 0.00	8.22 -0.44 0.00	9.83 -0.53 0.00	9.79 -0.59 0.00	10.26 -0.63 0.00	13.49 -1.00 0.00	13.69 -1.00 0.00	15.10 -0.93 0.00	15.18 -1.01 0.04	14.92 -0.97 0.00	13.87 -0.98 0.00	14.02 -0.91 0.00	13.54 -1.00 0.00	14.21 -1.05 0.00	15.21 -1.20 0.00	17.45 -1.31 0.00	21.51 -1.42 0.00	20.53 -1.38 0.00	18.15 -1.30 0.00	15.08 -0.96 0.00	13.73 -0.83 0.00	13.64 -0.82 0.00
HARDSCRABBLE_WT_PWR 323673	10.37 0.21 0.19	9.54 0.20 0.18	9.39 0.21 0.16	8.73 0.22 0.16	10.53 0.31 0.14	10.50 0.31 0.20	10.97 0.35 0.27	14.65 0.41 0.24	14.89 0.38 0.18	16.32 0.38 0.10	16.47 0.37 0.13	16.10 0.35 0.14	15.02 0.31 0.14	15.10 0.31 0.15	14.70 0.28 0.13	15.42 0.28 0.12	16.56 0.30 0.14	18.83 0.36 0.29	23.31 0.48 0.11	22.27 0.44 0.08	19.71 0.37 0.10	16.18 0.27 0.13	14.62 0.23 0.18	14.52 0.22 0.16
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.48 0.85 -6.28	16.19 0.78 -5.89	15.36 0.78 -5.23	14.76 0.72 -5.37	15.88 0.84 -4.68	17.84 0.88 -6.57	21.01 1.00 -9.12	22.99 1.33 -7.17	21.68 1.53 -5.46	20.56 1.62 -2.90	21.78 1.70 -3.85	21.52 1.65 -3.98	20.48 1.56 -4.07	20.97 1.58 -4.45	19.81 1.53 -3.73	20.49 1.59 -3.64	22.58 1.69 -4.49	31.12 2.03 -10.33	29.38 2.46 -3.99	27.11 2.39 -2.82	25.28 2.12 -3.71	22.40 1.72 -4.64	22.24 1.43 -6.25	21.52 1.24 -5.81
HARZA MOOSE___RIVER 24016	10.30 -0.05 0.00	9.46 -0.06 0.00	9.28 -0.06 0.00	8.61 -0.05 0.00	10.32 -0.04 0.00	10.31 -0.07 0.00	10.92 0.03 0.00	14.52 0.03 0.00	14.74 0.04 0.00	16.34 0.30 0.00	16.45 0.24 0.02	16.14 0.25 0.00	14.96 0.10 0.00	15.11 0.18 0.00	14.53 -0.01 0.00	15.25 -0.02 0.00	16.34 -0.07 0.00	18.82 0.06 0.00	23.19 0.25 0.00	22.11 0.20 0.00	19.57 0.12 0.00	16.11 0.06 0.00	14.62 0.06 0.00	14.48 0.01 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.34 1.20 -6.79	16.98 1.09 -6.37	15.96 1.05 -5.58	15.34 0.95 -5.73	16.47 1.12 -4.99	18.53 1.14 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.32 2.12 -4.98	25.48 2.06 -7.53	25.54 1.95 -8.74	23.03 1.96 -6.14	20.58 1.89 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.22 2.46 -11.00	30.15 2.96 -4.25	28.06 2.87 -3.28	26.21 2.55 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18



HEMPSTEAD____ 23647	18.36 1.23 -6.79	17.02 1.14 -6.37	16.05 1.12 -5.59	15.43 1.02 -5.74	16.53 1.18 -4.99	18.63 1.24 -7.00	24.91 1.42 -12.61	26.49 1.88 -10.12	25.82 2.10 -9.03	26.26 2.13 -8.09	27.42 2.29 -8.91	26.00 2.24 -7.87	25.48 2.11 -8.52	24.97 2.12 -7.92	24.58 2.05 -7.98	24.91 2.12 -7.52	28.62 2.25 -9.97	34.64 2.65 -13.23	35.31 3.23 -9.14	33.43 3.09 -8.43	31.33 2.76 -9.12	29.32 2.25 -11.03	26.16 1.98 -9.62	24.50 1.79 -8.25
HICKLING___1 23621	12.29 0.21 -1.74	11.35 0.21 -1.63	10.96 0.18 -1.44	10.31 0.17 -1.47	11.87 0.23 -1.28	12.51 0.32 -1.80	13.91 0.52 -2.50	17.13 0.67 -1.98	16.82 0.62 -1.51	17.48 0.64 -0.80	18.17 0.86 -1.09	17.79 0.78 -1.13	16.78 0.74 -1.18	16.83 0.67 -1.23	16.17 0.60 -1.03	16.82 0.55 -1.00	18.27 0.62 -1.24	22.46 0.92 -2.78	25.14 1.12 -1.08	23.70 1.03 -0.76	21.44 0.99 -1.00	18.05 0.75 -1.25	16.87 0.63 -1.68	16.61 0.58 -1.56
HICKLING___2 23622	12.29 0.21 -1.74	11.35 0.21 -1.63	10.96 0.18 -1.44	10.31 0.17 -1.47	11.87 0.23 -1.28	12.51 0.32 -1.80	13.91 0.52 -2.50	17.13 0.67 -1.98	16.82 0.62 -1.51	17.48 0.64 -0.80	18.17 0.86 -1.09	17.79 0.78 -1.13	16.78 0.74 -1.18	16.83 0.67 -1.23	16.17 0.60 -1.03	16.82 0.55 -1.00	18.27 0.62 -1.24	22.46 0.92 -2.78	25.14 1.12 -1.08	23.70 1.03 -0.76	21.44 0.99 -1.00	18.05 0.75 -1.25	16.87 0.63 -1.68	16.61 0.58 -1.56
HIGH FALLS___HY 23754	18.02 0.84 -6.84	16.69 0.76 -6.42	15.75 0.75 -5.66	15.15 0.69 -5.80	16.22 0.81 -5.05	18.32 0.84 -7.09	21.69 0.97 -9.83	23.48 1.26 -7.73	22.06 1.48 -5.89	20.74 1.57 -3.13	22.10 1.62 -4.25	21.86 1.57 -4.40	20.94 1.47 -4.61	21.27 1.54 -4.80	20.04 1.47 -4.03	20.71 1.53 -3.92	22.95 1.72 -4.83	31.67 2.08 -10.82	29.69 2.57 -4.18	27.36 2.50 -2.95	25.56 2.22 -3.89	22.70 1.80 -4.86	22.60 1.49 -6.55	21.82 1.27 -6.09
HILLBURN___GT 23639	17.57 0.86 -6.37	16.27 0.78 -5.98	15.45 0.80 -5.31	14.85 0.74 -5.45	15.97 0.86 -4.75	17.96 0.90 -6.67	21.17 1.04 -9.25	23.13 1.38 -7.27	21.80 1.57 -5.54	20.65 1.67 -2.94	21.87 1.75 -3.89	21.63 1.72 -4.02	20.55 1.60 -4.09	21.08 1.63 -4.51	19.91 1.57 -3.79	20.57 1.62 -3.69	22.66 1.72 -4.53	31.28 2.05 -10.47	29.46 2.48 -4.05	27.17 2.41 -2.85	25.37 2.16 -3.76	22.48 1.73 -4.71	22.36 1.46 -6.34	21.63 1.27 -5.89
HISHELDN_WT_PWR 323625	11.33 -0.23 -1.21	10.45 -0.20 -1.13	10.13 -0.21 -1.00	9.50 -0.18 -1.02	11.04 -0.21 -0.89	11.52 -0.11 -1.25	12.75 0.12 -1.73	15.92 0.06 -1.38	15.70 -0.04 -1.05	16.50 -0.10 -0.56	17.13 0.15 -0.76	16.83 0.16 -0.78	15.87 0.19 -0.82	15.88 0.09 -0.86	15.29 0.03 -0.72	15.87 -0.09 -0.70	17.20 -0.07 -0.87	20.89 0.19 -1.93	23.94 0.23 -0.77	22.57 0.13 -0.53	20.40 0.25 -0.69	17.05 0.14 -0.87	15.86 0.13 -1.17	15.57 0.01 -1.09
HOLTSVILLE_IC_1 23690	18.63 1.50 -6.78	17.27 1.39 -6.37	16.29 1.35 -5.59	15.64 1.24 -5.74	16.78 1.43 -4.99	18.92 1.53 -7.00	22.87 1.76 -10.22	24.90 2.35 -8.07	24.37 2.57 -7.11	24.55 2.60 -5.92	26.56 2.74 -7.59	24.35 2.67 -5.80	23.96 2.51 -6.59	23.35 2.54 -5.88	22.99 2.46 -5.98	23.45 2.56 -5.62	27.59 2.71 -8.48	34.43 3.23 -12.43	33.19 3.90 -6.36	32.02 3.70 -6.41	30.84 3.31 -8.08	28.42 2.71 -9.67	25.30 2.45 -8.29	23.24 2.24 -6.54
HOLTSVILLE_IC_10 23699	18.70 1.56 -6.78	17.34 1.46 -6.37	16.35 1.42 -5.59	15.69 1.29 -5.74	16.85 1.50 -4.99	18.99 1.60 -7.00	23.00 1.84 -10.27	25.06 2.46 -8.11	24.53 2.69 -7.15	24.73 2.73 -5.97	26.71 2.87 -7.62	24.52 2.80 -5.84	24.12 2.63 -6.63	23.51 2.66 -5.92	23.15 2.58 -6.02	23.61 2.69 -5.66	27.77 2.85 -8.51	34.63 3.42 -12.45	33.48 4.13 -6.41	32.28 3.92 -6.45	31.03 3.48 -8.10	28.61 2.87 -9.70	25.46 2.58 -8.32	23.41 2.37 -6.57
HOLTSVILLE_IC_2 23691	18.63 1.50 -6.78	17.27 1.39 -6.37	16.29 1.35 -5.59	15.64 1.24 -5.74	16.78 1.43 -4.99	18.92 1.53 -7.00	22.87 1.76 -10.22	24.90 2.35 -8.07	24.37 2.57 -7.11	24.55 2.60 -5.92	26.56 2.74 -7.59	24.35 2.67 -5.80	23.96 2.51 -6.59	23.35 2.54 -5.88	22.99 2.46 -5.98	23.45 2.56 -5.62	27.59 2.71 -8.48	34.43 3.23 -12.43	33.19 3.90 -6.36	32.02 3.70 -6.41	30.84 3.31 -8.08	28.42 2.71 -9.67	25.30 2.45 -8.29	23.24 2.24 -6.54
HOLTSVILLE_IC_3 23692	18.63 1.50 -6.78	17.27 1.39 -6.37	16.29 1.35 -5.59	15.64 1.24 -5.74	16.78 1.43 -4.99	18.92 1.53 -7.00	22.87 1.76 -10.22	24.90 2.35 -8.07	24.37 2.57 -7.11	24.55 2.60 -5.92	26.56 2.74 -7.59	24.35 2.67 -5.80	23.96 2.51 -6.59	23.35 2.54 -5.88	22.99 2.46 -5.98	23.45 2.56 -5.62	27.59 2.71 -8.48	34.43 3.23 -12.43	33.19 3.90 -6.36	32.02 3.70 -6.41	30.84 3.31 -8.08	28.42 2.71 -9.67	25.30 2.45 -8.29	23.24 2.24 -6.54
HOLTSVILLE_IC_4 23693	18.63 1.50 -6.78	17.27 1.39 -6.37	16.29 1.35 -5.59	15.64 1.24 -5.74	16.78 1.43 -4.99	18.92 1.53 -7.00	22.87 1.76 -10.22	24.90 2.35 -8.07	24.37 2.57 -7.11	24.55 2.60 -5.92	26.56 2.74 -7.59	24.35 2.67 -5.80	23.96 2.51 -6.59	23.35 2.54 -5.88	22.99 2.46 -5.98	23.45 2.56 -5.62	27.59 2.71 -8.48	34.43 3.23 -12.43	33.19 3.90 -6.36	32.02 3.70 -6.41	30.84 3.31 -8.08	28.42 2.71 -9.67	25.30 2.45 -8.29	23.24 2.24 -6.54
HOLTSVILLE_IC_5 23694	18.63 1.50 -6.78	17.27 1.39 -6.37	16.29 1.35 -5.59	15.64 1.24 -5.74	16.78 1.43 -4.99	18.92 1.53 -7.00	22.87 1.76 -10.22	24.90 2.35 -8.07	24.37 2.57 -7.11	24.55 2.60 -5.92	26.56 2.74 -7.59	24.35 2.67 -5.80	23.96 2.51 -6.59	23.35 2.54 -5.88	22.99 2.46 -5.98	23.45 2.56 -5.62	27.59 2.71 -8.48	34.43 3.23 -12.43	33.19 3.90 -6.36	32.02 3.70 -6.41	30.84 3.31 -8.08	28.42 2.71 -9.67	25.30 2.45 -8.29	23.24 2.24 -6.54
HOLTSVILLE_IC_6 23695	18.70 1.56 -6.78	17.34 1.46 -6.37	16.35 1.42 -5.59	15.69 1.29 -5.74	16.85 1.50 -4.99	18.99 1.60 -7.00	23.00 1.84 -10.27	25.06 2.46 -8.11	24.53 2.69 -7.15	24.73 2.73 -5.97	26.71 2.87 -7.62	24.52 2.80 -5.84	24.12 2.63 -6.63	23.51 2.66 -5.92	23.15 2.58 -6.02	23.61 2.69 -5.66	27.77 2.85 -8.51	34.63 3.42 -12.45	33.48 4.13 -6.41	32.28 3.92 -6.45	31.03 3.48 -8.10	28.61 2.87 -9.70	25.46 2.58 -8.32	23.41 2.37 -6.57
HOLTSVILLE_IC_7 23696	18.70 1.56 -6.78	17.34 1.46 -6.37	16.35 1.42 -5.59	15.69 1.29 -5.74	16.85 1.50 -4.99	18.99 1.60 -7.00	23.00 1.84 -10.27	25.06 2.46 -8.11	24.53 2.69 -7.15	24.73 2.73 -5.97	26.71 2.87 -7.62	24.52 2.80 -5.84	24.12 2.63 -6.63	23.51 2.66 -5.92	23.15 2.58 -6.02	23.61 2.69 -5.66	27.77 2.85 -8.51	34.63 3.42 -12.45	33.48 4.13 -6.41	32.28 3.92 -6.45	31.03 3.48 -8.10	28.61 2.87 -9.70	25.46 2.58 -8.32	23.41 2.37 -6.57
HOLTSVILLE_IC_8 23697	18.70 1.56 -6.78	17.34 1.46 -6.37	16.35 1.42 -5.59	15.69 1.29 -5.74	16.85 1.50 -4.99	18.99 1.60 -7.00	23.00 1.84 -10.27	25.06 2.46 -8.11	24.53 2.69 -7.15	24.73 2.73 -5.97	26.71 2.87 -7.62	24.52 2.80 -5.84	24.12 2.63 -6.63	23.51 2.66 -5.92	23.15 2.58 -6.02	23.61 2.69 -5.66	27.77 2.85 -8.51	34.63 3.42 -12.45	33.48 4.13 -6.41	32.28 3.92 -6.45	31.03 3.48 -8.10	28.61 2.87 -9.70	25.46 2.58 -8.32	23.41 2.37 -6.57



HOLTSVILLE_IC_9 23698	18.70 1.56 -6.78	17.34 1.46 -6.37	16.35 1.42 -5.59	15.69 1.29 -5.74	16.85 1.50 -4.99	18.99 1.60 -7.00	23.00 1.84 -10.27	25.06 2.46 -8.11	24.53 2.69 -7.15	24.73 2.73 -5.97	26.71 2.87 -7.62	24.52 2.80 -5.84	24.12 2.63 -6.63	23.51 2.66 -5.92	23.15 2.58 -6.02	23.61 2.69 -5.66	27.77 2.85 -8.51	34.63 3.42 -12.45	33.48 4.13 -6.41	32.28 3.92 -6.45	31.03 3.48 -8.10	28.61 2.87 -9.70	25.46 2.58 -8.32	23.41 2.37 -6.57
HOWARD_WT_PWR 323690	11.79 0.01 -1.43	10.87 0.02 -1.34	10.51 -0.01 -1.18	9.88 0.01 -1.21	11.44 0.03 -1.05	12.01 0.15 -1.48	13.33 0.39 -2.05	16.64 0.52 -1.63	16.39 0.46 -1.24	17.14 0.45 -0.66	17.85 0.73 -0.90	17.46 0.65 -0.93	16.45 0.62 -0.97	16.48 0.54 -1.01	15.83 0.44 -0.85	16.44 0.35 -0.83	17.84 0.41 -1.02	21.76 0.71 -2.28	24.73 0.89 -0.90	23.30 0.77 -0.62	21.03 0.76 -0.82	17.61 0.55 -1.03	16.38 0.44 -1.38	16.08 0.33 -1.28
HQ_GEN_CEDARS 23644	9.89 -0.46 0.00	9.10 -0.42 0.00	8.94 -0.40 0.00	8.28 -0.38 0.00	9.86 -0.50 0.00	9.83 -0.55 0.00	10.18 -0.71 0.00	13.36 -1.13 0.00	13.55 -1.15 0.00	14.82 -1.22 0.00	14.84 -1.31 0.07	14.61 -1.27 0.00	13.65 -1.20 0.00	13.80 -1.14 0.00	13.43 -1.12 0.00	14.12 -1.15 0.00	15.11 -1.30 0.00	17.19 -1.58 0.00	21.06 -1.88 0.00	20.11 -1.80 0.00	17.82 -1.63 0.00	14.84 -1.20 0.00	13.51 -1.05 0.00	13.48 -0.98 0.00
HQ_GEN_CEDARS_PROXY 323590	9.89 -0.46 0.00	9.10 -0.42 0.00	8.94 -0.40 0.00	8.28 -0.38 0.00	9.86 -0.50 0.00	9.84 -0.55 -0.01	10.18 -0.71 0.01	13.36 -1.13 0.00	13.55 -1.15 0.00	14.82 -1.22 0.00	14.84 -1.31 0.07	14.61 -1.27 0.00	13.65 -1.20 0.00	13.80 -1.14 0.00	13.43 -1.12 0.00	14.12 -1.15 0.00	15.11 -1.30 0.00	17.19 -1.58 0.00	21.06 -1.88 0.00	20.11 -1.80 0.00	17.82 -1.63 0.00	14.84 -1.20 0.00	13.51 -1.05 0.00	13.48 -0.98 0.00
HQ_GEN_IMPORT 323601	10.09 -0.26 0.00	9.28 -0.24 0.00	9.12 -0.22 0.00	8.45 -0.22 0.00	10.09 -0.27 0.00	10.09 -0.30 -0.01	10.48 -0.40 0.01	13.97 -0.52 0.00	14.15 -0.54 0.00	15.46 -0.58 0.00	15.54 -0.67 0.02	15.25 -0.64 0.00	14.24 -0.61 0.00	14.35 -0.58 0.00	14.01 -0.54 0.00	14.73 -0.53 0.00	15.81 -0.59 0.00	18.00 -0.77 0.00	22.00 -0.94 0.00	21.01 -0.90 0.00	18.65 -0.80 0.00	15.42 -0.63 0.00	14.01 -0.55 0.00	13.96 -0.51 0.00
HQ_GEN_WHEEL 23651	10.09 -0.26 0.00	9.28 -0.24 0.00	9.12 -0.22 0.00	8.45 -0.22 0.00	10.09 -0.27 0.00	10.09 -0.30 -0.01	10.48 -0.40 0.01	13.97 -0.52 0.00	14.15 -0.54 0.00	15.46 -0.58 0.00	15.54 -0.67 0.02	15.25 -0.64 0.00	14.24 -0.61 0.00	14.35 -0.58 0.00	14.01 -0.54 0.00	14.73 -0.53 0.00	15.81 -0.59 0.00	18.00 -0.77 0.00	22.00 -0.94 0.00	21.01 -0.90 0.00	18.65 -0.80 0.00	15.42 -0.63 0.00	14.01 -0.55 0.00	13.96 -0.51 0.00
HUDSON_AVE_GT_3 23810	18.30 1.16 -6.79	16.94 1.06 -6.37	15.92 1.01 -5.57	15.30 0.92 -5.72	16.43 1.08 -4.99	18.51 1.12 -7.00	21.88 1.27 -9.72	23.82 1.69 -7.64	24.91 1.91 -8.31	26.20 2.05 -8.12	23.31 2.14 -4.95	25.04 2.10 -7.06	25.04 1.96 -8.22	22.78 1.97 -5.88	20.57 1.91 -4.11	21.96 1.97 -4.73	25.04 2.10 -6.54	32.22 2.46 -10.99	30.17 2.98 -4.25	28.05 2.91 -3.23	26.20 2.59 -4.16	23.09 2.10 -4.95	22.99 1.78 -6.65	22.25 1.61 -6.18
HUDSON_AVE_GT_4 23540	18.30 1.16 -6.79	16.94 1.06 -6.37	15.92 1.01 -5.57	15.30 0.92 -5.72	16.43 1.08 -4.99	18.51 1.12 -7.00	21.88 1.27 -9.72	23.82 1.69 -7.64	24.91 1.91 -8.31	26.20 2.05 -8.12	23.31 2.14 -4.95	25.04 2.10 -7.06	25.04 1.96 -8.22	22.78 1.97 -5.88	20.57 1.91 -4.11	21.96 1.97 -4.73	25.04 2.10 -6.54	32.22 2.46 -10.99	30.17 2.98 -4.25	28.05 2.91 -3.23	26.20 2.59 -4.16	23.09 2.10 -4.95	22.99 1.78 -6.65	22.25 1.61 -6.18
HUDSON_AVE_GT_5 23657	18.30 1.16 -6.79	16.94 1.06 -6.37	15.92 1.01 -5.57	15.30 0.92 -5.72	16.43 1.08 -4.99	18.51 1.12 -7.00	21.88 1.27 -9.72	23.82 1.69 -7.64	24.91 1.91 -8.31	26.20 2.05 -8.12	23.31 2.14 -4.95	25.04 2.10 -7.06	25.04 1.96 -8.22	22.78 1.97 -5.88	20.57 1.91 -4.11	21.96 1.97 -4.73	25.04 2.10 -6.54	32.22 2.46 -10.99	30.17 2.98 -4.25	28.05 2.91 -3.23	26.20 2.59 -4.16	23.09 2.10 -4.95	22.99 1.78 -6.65	22.25 1.61 -6.18
HUDSON_AVE_10 24168	18.27 1.14 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.29 0.90 -5.72	16.41 1.06 -4.99	18.49 1.10 -7.00	21.86 1.25 -9.72	23.81 1.68 -7.64	24.86 1.87 -8.30	26.12 1.97 -8.12	23.25 2.08 -4.95	24.96 2.02 -7.06	24.96 1.89 -8.22	22.72 1.91 -5.88	20.51 1.85 -4.11	21.90 1.91 -4.73	24.98 2.03 -6.54	32.16 2.40 -10.99	30.10 2.91 -4.25	27.98 2.85 -3.23	26.14 2.53 -4.16	23.05 2.05 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
HUNTER_MOUNT___DRP 323613	18.80 0.90 -7.56	17.43 0.82 -7.09	16.37 0.77 -6.26	15.78 0.73 -6.39	16.80 0.87 -5.57	19.09 0.88 -7.82	22.70 0.97 -10.84	24.21 1.20 -8.52	22.54 1.35 -6.49	20.91 1.43 -3.45	22.34 1.43 -4.69	22.10 1.37 -4.85	21.23 1.29 -5.09	21.60 1.37 -5.29	20.33 1.34 -4.44	20.99 1.40 -4.33	23.35 1.61 -5.34	32.68 1.99 -11.93	30.02 2.48 -4.61	27.53 2.37 -3.25	25.82 2.08 -4.29	23.12 1.72 -5.36	23.28 1.50 -7.22	22.50 1.33 -6.71
HUNTINGTON_RES_REC 323705	18.52 1.39 -6.78	17.16 1.28 -6.37	16.19 1.26 -5.59	15.55 1.14 -5.74	16.68 1.33 -4.99	18.79 1.40 -7.00	22.79 1.62 -10.27	24.76 2.16 -8.12	24.24 2.40 -7.15	24.40 2.40 -5.96	26.40 2.56 -7.62	24.22 2.49 -5.84	23.84 2.35 -6.64	23.22 2.36 -5.92	22.86 2.28 -6.03	23.30 2.38 -5.66	27.44 2.52 -8.51	34.13 2.91 -12.45	32.91 3.56 -6.42	31.82 3.46 -6.45	30.66 3.11 -8.10	28.27 2.53 -9.70	25.16 2.27 -8.32	23.11 2.07 -6.58
HUNTLEY___63 23557	11.04 -0.36 -1.05	10.18 -0.32 -0.99	9.87 -0.34 -0.87	9.27 -0.29 -0.89	10.80 -0.33 -0.77	11.22 -0.25 -1.09	12.39 -0.01 -1.51	15.56 -0.13 -1.20	15.36 -0.25 -0.91	16.20 -0.32 -0.49	16.83 -0.05 -0.66	16.54 -0.03 -0.68	15.60 0.03 -0.72	15.60 -0.07 -0.75	15.04 -0.13 -0.63	15.60 -0.27 -0.61	16.89 -0.26 -0.75	20.45 0.00 -1.68	23.61 0.02 -0.65	22.28 -0.09 -0.46	20.15 0.10 -0.60	16.81 0.02 -0.76	15.62 0.04 -1.02	15.28 -0.13 -0.95
HUNTLEY___64 23558	11.04 -0.36 -1.05	10.18 -0.32 -0.99	9.87 -0.34 -0.87	9.27 -0.29 -0.89	10.80 -0.33 -0.77	11.22 -0.25 -1.09	12.39 -0.01 -1.51	15.56 -0.13 -1.20	15.36 -0.25 -0.91	16.20 -0.32 -0.49	16.83 -0.05 -0.66	16.54 -0.03 -0.68	15.60 0.03 -0.72	15.60 -0.07 -0.75	15.04 -0.13 -0.63	15.60 -0.27 -0.61	16.89 -0.26 -0.75	20.45 0.00 -1.68	23.61 0.02 -0.65	22.28 -0.09 -0.46	20.15 0.10 -0.60	16.81 0.02 -0.76	15.62 0.04 -1.02	15.28 -0.13 -0.95
HUNTLEY___65 23559	11.04 -0.36 -1.05	10.18 -0.32 -0.99	9.87 -0.34 -0.87	9.27 -0.29 -0.89	10.80 -0.33 -0.77	11.22 -0.25 -1.09	12.39 -0.01 -1.51	15.56 -0.13 -1.20	15.36 -0.25 -0.91	16.20 -0.32 -0.49	16.83 -0.05 -0.66	16.54 -0.03 -0.68	15.60 0.03 -0.72	15.60 -0.07 -0.75	15.04 -0.13 -0.63	15.60 -0.27 -0.61	16.89 -0.26 -0.75	20.45 0.00 -1.68	23.61 0.02 -0.65	22.28 -0.09 -0.46	20.15 0.10 -0.60	16.81 0.02 -0.76	15.62 0.04 -1.02	15.28 -0.13 -0.95



HUNTLEY___66 23560	11.04 -0.36 -1.05	10.18 -0.32 -0.99	9.87 -0.34 -0.87	9.27 -0.29 -0.89	10.80 -0.33 -0.77	11.22 -0.25 -1.09	12.39 -0.01 -1.51	15.56 -0.13 -1.20	15.36 -0.25 -0.91	16.20 -0.32 -0.49	16.83 -0.05 -0.66	16.54 -0.03 -0.68	15.60 0.03 -0.72	15.60 -0.07 -0.75	15.04 -0.13 -0.63	15.60 -0.27 -0.61	16.89 -0.26 -0.75	20.45 0.00 -1.68	23.61 0.02 -0.65	22.28 -0.09 -0.46	20.15 0.10 -0.60	16.81 0.02 -0.76	15.62 0.04 -1.02	15.28 -0.13 -0.95
HUNTLEY___67 23561	11.02 -0.39 -1.07	10.18 -0.34 -1.00	9.87 -0.35 -0.89	9.26 -0.30 -0.91	10.79 -0.36 -0.79	11.22 -0.27 -1.11	12.37 -0.05 -1.54	15.49 -0.22 -1.22	15.27 -0.35 -0.93	16.08 -0.45 -0.50	16.72 -0.18 -0.67	16.42 -0.16 -0.70	15.50 -0.09 -0.73	15.50 -0.19 -0.76	14.95 -0.23 -0.64	15.50 -0.38 -0.62	16.79 -0.38 -0.77	20.31 -0.17 -1.71	23.38 -0.25 -0.70	22.05 -0.33 -0.47	19.97 -0.10 -0.62	16.67 -0.14 -0.77	15.50 -0.10 -1.04	15.20 -0.23 -0.96
HUNTLEY___68 23562	11.02 -0.39 -1.07	10.18 -0.34 -1.00	9.87 -0.35 -0.89	9.26 -0.30 -0.91	10.79 -0.36 -0.79	11.22 -0.27 -1.11	12.37 -0.05 -1.54	15.49 -0.22 -1.22	15.27 -0.35 -0.93	16.08 -0.45 -0.50	16.72 -0.18 -0.67	16.42 -0.16 -0.70	15.50 -0.09 -0.73	15.50 -0.19 -0.76	14.95 -0.23 -0.64	15.50 -0.38 -0.62	16.79 -0.38 -0.77	20.31 -0.17 -1.71	23.38 -0.25 -0.70	22.05 -0.33 -0.47	19.97 -0.10 -0.62	16.67 -0.14 -0.77	15.50 -0.10 -1.04	15.20 -0.23 -0.96
HYLAND___LFGE 323620	11.67 0.14 -1.17	10.74 0.12 -1.10	10.42 0.10 -0.97	9.78 0.12 -1.00	11.42 0.20 -0.87	12.01 0.40 -1.22	13.26 0.68 -1.69	16.70 0.87 -1.34	16.23 0.51 -1.02	17.09 0.51 -0.54	17.74 0.78 -0.74	17.44 0.79 -0.76	16.46 0.80 -0.80	16.39 0.63 -0.83	15.83 0.58 -0.70	16.45 0.50 -0.68	17.85 0.61 -0.84	21.68 1.03 -1.88	24.83 1.17 -0.73	23.45 1.03 -0.51	21.08 0.95 -0.68	17.58 0.69 -0.85	16.33 0.63 -1.14	16.32 0.80 -1.06
INDECK___CORINTH 23802	20.60 0.94 -9.31	19.12 0.87 -8.73	17.92 0.88 -7.70	17.35 0.83 -7.86	18.24 1.04 -6.85	21.00 1.01 -9.61	25.36 1.14 -13.33	26.50 1.53 -10.47	24.26 1.59 -7.98	22.04 1.76 -4.24	23.73 1.74 -5.77	23.55 1.70 -5.96	22.80 1.69 -6.25	23.07 1.63 -6.50	21.59 1.59 -5.46	22.23 1.65 -5.32	24.66 1.66 -6.60	35.53 1.97 -14.80	31.09 2.43 -5.72	28.20 2.26 -4.03	26.81 2.04 -5.32	24.36 1.67 -6.65	25.06 1.54 -8.95	24.18 1.40 -8.32
INDECK___ILION 23567	10.35 0.19 0.19	9.51 0.17 0.18	9.36 0.18 0.16	8.67 0.17 0.16	10.45 0.23 0.14	10.42 0.23 0.20	10.89 0.27 0.27	14.58 0.33 0.24	14.85 0.34 0.18	16.31 0.37 0.10	16.47 0.37 0.13	16.11 0.37 0.14	15.04 0.33 0.14	15.11 0.33 0.15	14.71 0.29 0.13	15.45 0.31 0.12	16.59 0.33 0.14	18.87 0.39 0.29	23.33 0.50 0.11	22.31 0.48 0.08	19.76 0.41 0.10	16.23 0.32 0.13	14.66 0.28 0.18	14.56 0.26 0.16
INDECK___OLEAN 23982	11.84 0.24 -1.26	10.95 0.26 -1.18	10.61 0.22 -1.04	9.95 0.22 -1.07	11.57 0.28 -0.93	12.07 0.38 -1.30	13.34 0.64 -1.81	16.70 0.78 -1.44	16.46 0.68 -1.09	17.27 0.66 -0.58	17.95 0.94 -0.79	17.62 0.92 -0.82	16.60 0.89 -0.86	16.62 0.79 -0.89	15.98 0.68 -0.75	16.56 0.57 -0.73	17.96 0.66 -0.90	21.83 1.05 -2.01	25.06 1.31 -0.82	23.62 1.16 -0.55	21.42 1.25 -0.72	17.89 0.95 -0.90	16.61 0.83 -1.22	16.26 0.67 -1.13
INDECK___OSWEGO 23783	10.67 -0.20 -0.52	9.81 -0.19 -0.49	9.58 -0.19 -0.43	8.93 -0.17 -0.44	10.54 -0.20 -0.38	10.74 -0.18 -0.54	11.51 -0.12 -0.74	14.93 -0.16 -0.60	14.94 -0.21 -0.46	16.07 -0.21 -0.24	16.40 -0.15 -0.33	16.08 -0.14 -0.34	15.08 -0.13 -0.36	15.16 -0.15 -0.37	14.69 -0.17 -0.31	15.37 -0.20 -0.30	16.53 -0.25 -0.37	19.39 -0.21 -0.83	23.03 -0.23 -0.32	21.89 -0.24 -0.23	19.53 -0.21 -0.30	16.24 -0.18 -0.37	14.92 -0.15 -0.50	14.77 -0.16 -0.47
INDECK___YERKES 23781	11.05 -0.35 -1.05	10.19 -0.31 -0.99	9.88 -0.33 -0.87	9.27 -0.28 -0.89	10.81 -0.32 -0.77	11.23 -0.24 -1.09	12.40 0.00 -1.51	15.59 -0.10 -1.20	15.39 -0.22 -0.91	16.22 -0.31 -0.49	16.85 -0.03 -0.66	16.55 -0.02 -0.68	15.62 0.04 -0.72	15.63 -0.04 -0.75	15.07 -0.10 -0.63	15.61 -0.26 -0.61	16.93 -0.23 -0.75	20.48 0.04 -1.68	23.66 0.07 -0.65	22.30 -0.07 -0.46	20.17 0.12 -0.60	16.83 0.03 -0.76	15.64 0.06 -1.02	15.29 -0.12 -0.95
INDIAN POINT_GT_1 24139	17.84 0.86 -6.63	16.53 0.79 -6.22	15.68 0.81 -5.53	15.07 0.75 -5.67	16.16 0.86 -4.94	18.21 0.89 -6.93	21.54 1.04 -9.61	23.42 1.38 -7.56	22.04 1.59 -5.76	20.78 1.68 -3.06	21.97 1.78 -3.97	21.72 1.73 -4.10	20.54 1.62 -4.07	21.27 1.64 -4.69	20.06 1.57 -3.94	20.73 1.63 -3.84	22.75 1.74 -4.61	31.68 2.05 -10.87	29.61 2.48 -4.20	27.28 2.41 -2.96	25.52 2.16 -3.91	22.68 1.75 -4.88	22.60 1.46 -6.58	21.86 1.29 -6.11
INDIAN POINT_GT_2 23659	17.84 0.86 -6.63	16.53 0.79 -6.22	15.68 0.81 -5.53	15.07 0.75 -5.67	16.16 0.86 -4.94	18.21 0.89 -6.93	21.54 1.04 -9.61	23.42 1.38 -7.56	22.04 1.59 -5.76	20.78 1.68 -3.06	21.97 1.78 -3.97	21.72 1.73 -4.10	20.54 1.62 -4.07	21.27 1.64 -4.69	20.06 1.57 -3.94	20.73 1.63 -3.84	22.75 1.74 -4.61	31.68 2.05 -10.87	29.61 2.48 -4.20	27.28 2.41 -2.96	25.52 2.16 -3.91	22.68 1.75 -4.88	22.60 1.46 -6.58	21.86 1.29 -6.11
INDIAN POINT_GT_3 24019	17.84 0.86 -6.63	16.53 0.79 -6.22	15.68 0.81 -5.53	15.07 0.75 -5.67	16.16 0.86 -4.94	18.21 0.89 -6.93	21.54 1.04 -9.61	23.42 1.38 -7.56	22.04 1.59 -5.76	20.78 1.68 -3.06	21.97 1.78 -3.97	21.72 1.73 -4.10	20.54 1.62 -4.07	21.27 1.64 -4.69	20.06 1.57 -3.94	20.73 1.63 -3.84	22.75 1.74 -4.61	31.68 2.05 -10.87	29.61 2.48 -4.20	27.28 2.41 -2.96	25.52 2.16 -3.91	22.68 1.75 -4.88	22.60 1.46 -6.58	21.86 1.29 -6.11
INDIAN POINT___2 23530	17.57 0.78 -6.44	16.27 0.70 -6.05	15.57 0.78 -5.44	14.97 0.72 -5.59	16.07 0.84 -4.87	18.10 0.87 -6.84	21.37 1.00 -9.48	23.27 1.33 -7.46	21.91 1.54 -5.68	20.69 1.64 -3.02	21.96 1.74 -4.00	21.70 1.68 -4.13	20.63 1.57 -4.21	21.16 1.60 -4.63	19.97 1.54 -3.88	20.64 1.59 -3.78	22.74 1.69 -4.65	31.48 1.99 -10.73	29.49 2.41 -4.15	27.18 2.35 -2.92	25.41 2.10 -3.86	22.56 1.70 -4.82	22.47 1.41 -6.49	21.74 1.24 -6.03
INDIAN POINT___3 23531	17.91 0.88 -6.68	16.59 0.80 -6.27	15.65 0.77 -5.53	15.04 0.71 -5.67	16.13 0.83 -4.94	18.18 0.86 -6.94	21.50 0.99 -9.62	23.37 1.32 -7.56	21.98 1.53 -5.76	20.72 1.62 -3.06	21.86 1.70 -3.94	21.63 1.67 -4.07	20.42 1.56 -4.00	21.20 1.57 -4.70	20.00 1.51 -3.94	20.68 1.57 -3.84	22.65 1.67 -4.57	31.61 1.97 -10.87	29.50 2.36 -4.20	27.19 2.32 -2.96	25.42 2.06 -3.91	22.60 1.67 -4.89	22.54 1.40 -6.58	21.81 1.23 -6.12
IP CORINTH___1 23988	20.60 0.94 -9.31	19.12 0.87 -8.73	17.92 0.88 -7.70	17.35 0.83 -7.86	18.24 1.04 -6.85	21.00 1.01 -9.61	25.36 1.14 -13.33	26.50 1.53 -10.47	24.26 1.59 -7.98	22.04 1.76 -4.24	23.73 1.74 -5.77	23.55 1.70 -5.96	22.80 1.69 -6.25	23.07 1.63 -6.50	21.59 1.59 -5.46	22.23 1.65 -5.32	24.66 1.66 -6.60	35.53 1.97 -14.80	31.09 2.43 -5.72	28.20 2.26 -4.03	26.81 2.04 -5.32	24.36 1.67 -6.65	25.06 1.54 -8.95	24.18 1.40 -8.32



IP___TICONDEROGA 23804	20.70 1.45 -8.91	19.25 1.38 -8.36	18.09 1.38 -7.37	17.47 1.29 -7.51	18.52 1.62 -6.55	21.24 1.66 -9.19	25.49 1.85 -12.75	27.09 2.58 -10.02	24.93 2.60 -7.63	22.98 2.89 -4.06	24.63 2.89 -5.52	24.48 2.89 -5.70	23.49 2.66 -5.98	23.75 2.60 -6.22	22.36 2.59 -5.22	23.05 2.70 -5.09	25.59 2.87 -6.32	36.20 3.27 -14.17	32.43 4.01 -5.48	29.37 3.59 -3.86	27.79 3.25 -5.09	25.14 2.73 -6.37	25.41 2.27 -8.58	24.39 1.95 -7.97
ISLIP_RES_REC 323679	18.76 1.62 -6.78	17.38 1.50 -6.37	16.39 1.46 -5.59	15.73 1.33 -5.74	16.89 1.54 -4.99	19.04 1.65 -7.00	23.10 1.91 -10.30	25.18 2.55 -8.14	24.66 2.79 -7.17	24.86 2.82 -6.00	26.85 2.98 -7.64	24.65 2.89 -5.87	24.23 2.72 -6.66	23.63 2.75 -5.95	23.26 2.66 -6.05	23.73 2.78 -5.68	27.91 2.97 -8.54	34.79 3.57 -12.46	33.70 4.31 -6.45	32.48 4.10 -6.48	31.19 3.62 -8.12	28.73 2.97 -9.72	25.57 2.67 -8.34	23.52 2.46 -6.60
JARVIS____ 23743	10.22 0.06 0.19	9.39 0.06 0.18	9.24 0.06 0.16	8.55 0.05 0.16	10.29 0.07 0.14	10.26 0.07 0.20	10.72 0.10 0.27	14.38 0.13 0.24	14.64 0.13 0.18	16.10 0.16 0.10	16.26 0.16 0.13	15.92 0.18 0.14	14.86 0.15 0.14	14.93 0.15 0.15	14.55 0.13 0.13	15.26 0.12 0.12	16.41 0.15 0.14	18.66 0.19 0.29	23.05 0.23 0.11	22.05 0.22 0.08	19.54 0.19 0.10	16.06 0.14 0.13	14.52 0.13 0.18	14.42 0.12 0.16
JENNISON____1 23625	13.24 0.51 -2.39	12.21 0.46 -2.24	11.76 0.44 -1.98	11.10 0.42 -2.02	12.64 0.52 -1.76	13.39 0.53 -2.48	15.09 0.76 -3.43	18.23 1.03 -2.71	17.82 1.06 -2.07	18.40 1.27 -1.10	19.05 1.33 -1.49	18.72 1.29 -1.54	17.60 1.13 -1.62	17.75 1.13 -1.68	16.95 0.99 -1.41	17.63 0.99 -1.38	19.16 1.05 -1.71	24.01 1.43 -3.82	26.34 1.93 -1.48	24.77 1.82 -1.04	22.38 1.56 -1.37	18.95 1.19 -1.72	17.91 1.03 -2.31	17.55 0.94 -2.15
JENNISON____2 23626	13.24 0.51 -2.39	12.21 0.46 -2.24	11.76 0.44 -1.98	11.10 0.42 -2.02	12.64 0.52 -1.76	13.39 0.53 -2.48	15.09 0.76 -3.43	18.23 1.03 -2.71	17.82 1.06 -2.07	18.40 1.27 -1.10	19.05 1.33 -1.49	18.72 1.29 -1.54	17.60 1.13 -1.62	17.75 1.13 -1.68	16.95 0.99 -1.41	17.63 0.99 -1.38	19.16 1.05 -1.71	24.01 1.43 -3.82	26.34 1.93 -1.48	24.77 1.82 -1.04	22.38 1.56 -1.37	18.95 1.19 -1.72	17.91 1.03 -2.31	17.55 0.94 -2.15
JERICHO_RISE_WT_PWR 323719	9.81 -0.54 0.00	9.02 -0.50 0.00	8.87 -0.47 0.00	8.21 -0.45 0.00	9.78 -0.58 0.00	9.76 -0.62 0.00	10.09 -0.81 0.00	13.44 -1.04 0.00	13.61 -1.09 0.00	14.85 -1.19 0.00	14.90 -1.25 0.07	14.66 -1.22 0.00	13.71 -1.14 0.00	13.87 -1.06 0.00	13.52 -1.03 0.00	14.18 -1.08 0.00	15.24 -1.16 0.00	17.30 -1.46 0.00	21.22 -1.72 0.00	20.24 -1.67 0.00	17.95 -1.50 0.00	14.87 -1.17 0.00	13.49 -1.08 0.00	13.45 -1.01 0.00
KEDC_PORT_JEFF_GT2 24210	18.68 1.55 -6.78	17.32 1.44 -6.37	16.33 1.40 -5.59	15.68 1.27 -5.74	16.83 1.48 -4.99	18.97 1.58 -7.00	22.96 1.82 -10.25	25.02 2.43 -8.10	24.48 2.66 -7.13	24.67 2.69 -5.95	26.67 2.84 -7.61	24.46 2.75 -5.82	24.07 2.60 -6.62	23.47 2.63 -5.90	23.10 2.55 -6.01	23.56 2.66 -5.64	27.73 2.82 -8.50	34.57 3.36 -12.44	33.39 4.06 -6.39	32.22 3.88 -6.43	30.99 3.44 -8.09	28.55 2.82 -9.68	25.42 2.55 -8.31	23.35 2.33 -6.56
KEDC_PORT_JEFF_GT3 24211	18.68 1.55 -6.78	17.32 1.44 -6.37	16.33 1.40 -5.59	15.68 1.27 -5.74	16.83 1.48 -4.99	18.97 1.58 -7.00	22.96 1.82 -10.25	25.02 2.43 -8.10	24.48 2.66 -7.13	24.67 2.69 -5.95	26.67 2.84 -7.61	24.46 2.75 -5.82	24.07 2.60 -6.62	23.47 2.63 -5.90	23.10 2.55 -6.01	23.56 2.66 -5.64	27.73 2.82 -8.50	34.57 3.36 -12.44	33.39 4.06 -6.39	32.22 3.88 -6.43	30.99 3.44 -8.09	28.55 2.82 -9.68	25.42 2.55 -8.31	23.35 2.33 -6.56
KEDC_GLWD_GT4 24219	18.34 1.21 -6.79	16.99 1.11 -6.37	16.02 1.08 -5.59	15.39 0.99 -5.74	16.50 1.15 -4.99	18.58 1.19 -7.00	24.54 1.37 -12.28	26.15 1.83 -9.83	25.34 2.04 -8.61	25.53 2.12 -7.37	26.95 2.25 -8.48	25.68 2.21 -7.59	25.19 2.08 -8.25	24.66 2.09 -7.64	24.18 2.01 -7.63	24.53 2.09 -7.18	28.09 2.21 -9.48	34.49 2.61 -13.12	34.86 3.17 -8.76	33.10 3.04 -8.15	30.95 2.72 -8.78	28.84 2.21 -10.58	25.65 1.91 -9.18	24.21 1.73 -8.01
KEDC_GLWD_GT5 24220	18.34 1.21 -6.79	16.99 1.11 -6.37	16.02 1.08 -5.59	15.39 0.99 -5.74	16.50 1.15 -4.99	18.58 1.19 -7.00	24.54 1.37 -12.28	26.15 1.83 -9.83	25.34 2.04 -8.61	25.53 2.12 -7.37	26.95 2.25 -8.48	25.68 2.21 -7.59	25.19 2.08 -8.25	24.66 2.09 -7.64	24.18 2.01 -7.63	24.53 2.09 -7.18	28.09 2.21 -9.48	34.49 2.61 -13.12	34.86 3.17 -8.76	33.10 3.04 -8.15	30.95 2.72 -8.78	28.84 2.21 -10.58	25.65 1.91 -9.18	24.21 1.73 -8.01
KENSICO____ 23655	18.15 1.02 -6.78	16.81 0.93 -6.36	15.78 0.88 -5.56	15.19 0.81 -5.71	16.28 0.94 -4.98	18.35 0.98 -6.99	21.70 1.12 -9.69	23.60 1.49 -7.62	22.21 1.72 -5.80	20.95 1.83 -3.09	22.36 1.91 -4.23	22.13 1.87 -4.37	21.23 1.75 -4.63	21.44 1.78 -4.73	20.22 1.70 -3.97	20.90 1.77 -3.87	23.21 1.89 -4.92	31.93 2.21 -10.95	29.83 2.66 -4.23	27.50 2.61 -2.99	25.70 2.31 -3.94	22.84 1.88 -4.92	22.78 1.59 -6.63	22.03 1.40 -6.16
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.69 0.88 -6.46	16.38 0.80 -6.07	15.48 0.78 -5.36	14.87 0.72 -5.49	15.99 0.85 -4.78	17.98 0.88 -6.71	21.21 1.01 -9.31	23.11 1.30 -7.32	21.80 1.53 -5.57	20.62 1.62 -2.96	21.92 1.67 -4.03	21.67 1.62 -4.17	20.74 1.52 -4.37	21.06 1.58 -4.55	19.87 1.51 -3.81	20.57 1.59 -3.72	22.77 1.77 -4.60	31.21 2.14 -10.31	29.56 2.64 -3.98	27.28 2.56 -2.81	25.41 2.26 -3.71	22.52 1.84 -4.63	22.33 1.53 -6.24	21.58 1.32 -5.80
KIAC_JFK_GT1 23816	18.26 1.13 -6.79	16.92 1.04 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.49 1.10 -7.00	21.87 1.26 -9.72	23.84 1.71 -7.64	24.78 1.78 -8.30	26.01 1.86 -8.12	23.13 1.96 -4.95	24.82 1.87 -7.06	24.83 1.75 -8.22	22.60 1.79 -5.88	20.42 1.76 -4.11	21.79 1.80 -4.73	24.86 1.92 -6.54	32.12 2.36 -10.99	30.08 2.89 -4.25	27.89 2.76 -3.23	26.06 2.45 -4.16	23.03 2.04 -4.95	22.99 1.78 -6.65	22.22 1.58 -6.18
KIAC_JFK_GT2 23817	18.26 1.13 -6.79	16.92 1.04 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.49 1.10 -7.00	21.87 1.26 -9.72	23.84 1.71 -7.64	24.78 1.78 -8.30	26.01 1.86 -8.12	23.13 1.96 -4.95	24.82 1.87 -7.06	24.83 1.75 -8.22	22.60 1.79 -5.88	20.42 1.76 -4.11	21.79 1.80 -4.73	24.86 1.92 -6.54	32.12 2.36 -10.99	30.08 2.89 -4.25	27.89 2.76 -3.23	26.06 2.45 -4.16	23.03 2.04 -4.95	22.99 1.78 -6.65	22.22 1.58 -6.18
KINTIGH____ 23543	10.81 -0.44 -0.91	9.97 -0.40 -0.85	9.69 -0.40 -0.75	9.08 -0.36 -0.77	10.62 -0.41 -0.67	11.00 -0.32 -0.94	12.03 -0.16 -1.31	15.17 -0.36 -1.04	14.96 -0.53 -0.79	15.83 -0.63 -0.42	16.37 -0.42 -0.57	16.10 -0.38 -0.59	15.16 -0.31 -0.62	15.16 -0.42 -0.65	14.65 -0.44 -0.54	15.23 -0.56 -0.53	16.48 -0.57 -0.65	19.77 -0.45 -1.46	22.85 -0.64 -0.55	21.63 -0.68 -0.40	19.51 -0.47 -0.52	16.26 -0.43 -0.65	15.09 -0.35 -0.88	14.92 -0.36 -0.82



LEDERLE____ 23769	17.67 0.89 -6.44	16.36 0.81 -6.04	15.52 0.82 -5.36	14.92 0.75 -5.51	16.04 0.88 -4.80	18.04 0.92 -6.73	21.29 1.06 -9.34	23.24 1.40 -7.34	21.90 1.62 -5.59	20.73 1.72 -2.97	21.93 1.80 -3.91	21.68 1.75 -4.04	20.58 1.63 -4.09	21.15 1.66 -4.56	19.97 1.60 -3.83	20.65 1.66 -3.73	22.73 1.77 -4.55	31.44 2.10 -10.57	29.55 2.52 -4.09	27.27 2.47 -2.88	25.45 2.20 -3.80	22.57 1.78 -4.75	22.45 1.49 -6.40	21.72 1.30 -5.95
LINDEN COGEN____ 23786	18.27 1.14 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.29 0.90 -5.72	16.41 1.06 -4.99	18.49 1.10 -7.00	21.87 1.26 -9.72	23.77 1.64 -7.64	24.87 1.87 -8.31	26.14 1.99 -8.12	23.25 2.08 -4.95	24.98 2.03 -7.06	24.98 1.90 -8.22	22.72 1.91 -5.88	20.51 1.85 -4.11	21.91 1.92 -4.73	24.98 2.03 -6.54	32.12 2.36 -10.99	30.03 2.84 -4.25	27.94 2.81 -3.23	26.14 2.53 -4.16	23.03 2.04 -4.95	22.93 1.72 -6.65	22.18 1.53 -6.18
LIPA_MISC_IPP 23656	18.68 1.55 -6.78	17.32 1.44 -6.37	16.33 1.40 -5.59	15.68 1.27 -5.74	16.83 1.48 -4.99	18.97 1.58 -7.00	22.95 1.83 -10.23	25.01 2.45 -8.07	24.48 2.67 -7.11	24.65 2.69 -5.92	26.66 2.84 -7.60	24.44 2.75 -5.80	24.04 2.58 -6.60	23.45 2.63 -5.88	23.08 2.55 -5.99	23.54 2.66 -5.62	27.69 2.80 -8.49	34.56 3.36 -12.44	33.36 4.06 -6.36	32.18 3.86 -6.41	30.96 3.42 -8.08	28.52 2.81 -9.67	25.41 2.55 -8.30	23.35 2.34 -6.54
LISF____SOLAR 323691	18.72 1.58 -6.78	17.34 1.46 -6.37	16.36 1.43 -5.59	15.70 1.30 -5.74	16.86 1.51 -4.99	19.01 1.62 -7.00	22.99 1.86 -10.23	25.06 2.49 -8.08	24.53 2.72 -7.12	24.73 2.76 -5.93	26.71 2.89 -7.60	24.49 2.80 -5.81	24.09 2.63 -6.60	23.50 2.67 -5.89	23.13 2.59 -5.99	23.60 2.70 -5.63	27.76 2.87 -8.49	34.62 3.42 -12.44	33.44 4.13 -6.37	32.25 3.92 -6.42	31.02 3.48 -8.09	28.59 2.87 -9.67	25.47 2.61 -8.30	23.40 2.39 -6.55
LITTLE FALLS____HYD 24013	10.51 0.35 0.19	9.66 0.32 0.18	9.51 0.33 0.16	8.83 0.33 0.16	10.65 0.44 0.14	10.62 0.44 0.20	11.11 0.49 0.27	14.84 0.59 0.24	15.08 0.57 0.18	16.55 0.61 0.10	16.69 0.60 0.13	16.32 0.57 0.14	15.24 0.53 0.14	15.32 0.54 0.15	14.92 0.49 0.13	15.63 0.49 0.12	16.81 0.54 0.14	19.11 0.64 0.29	23.65 0.82 0.11	22.60 0.77 0.08	20.01 0.66 0.10	16.43 0.51 0.13	14.84 0.45 0.18	14.73 0.43 0.16
LI_NEWBRDGE____DRP 323616	18.37 1.24 -6.78	17.04 1.16 -6.37	16.08 1.15 -5.59	15.44 1.04 -5.74	16.55 1.20 -4.99	18.63 1.25 -7.00	22.14 1.44 -9.81	24.10 1.90 -7.72	23.58 2.12 -6.77	23.67 2.12 -5.52	25.84 2.27 -7.35	23.53 2.21 -5.44	23.21 2.09 -6.26	22.57 2.11 -5.53	22.22 2.04 -5.64	22.66 2.11 -5.29	26.83 2.21 -8.21	33.66 2.59 -12.30	31.98 3.17 -5.88	31.02 3.04 -6.06	30.06 2.72 -7.89	27.67 2.21 -9.42	24.59 1.98 -8.05	22.52 1.81 -6.24
LONG_LAKE_PHOENIX 24014	10.74 -0.14 -0.54	9.86 -0.15 -0.50	9.63 -0.16 -0.44	8.98 -0.14 -0.45	10.60 -0.16 -0.40	10.82 -0.12 -0.56	11.60 -0.06 -0.77	15.05 -0.06 -0.62	15.07 -0.10 -0.48	16.18 -0.11 -0.25	16.53 -0.03 -0.34	16.19 -0.05 -0.36	15.18 -0.04 -0.37	15.26 -0.06 -0.39	14.79 -0.09 -0.33	15.46 -0.12 -0.32	16.66 -0.13 -0.39	19.55 -0.07 -0.86	23.18 -0.09 -0.33	22.08 -0.07 -0.23	19.68 -0.08 -0.31	16.36 -0.06 -0.39	15.03 -0.06 -0.52	14.89 -0.06 -0.48
LOVETT____3 23632	17.67 0.86 -6.46	16.36 0.78 -6.06	15.52 0.79 -5.38	14.91 0.73 -5.52	16.02 0.85 -4.81	18.03 0.88 -6.76	21.28 1.01 -9.37	23.20 1.35 -7.37	21.85 1.54 -5.61	20.67 1.65 -2.98	21.88 1.74 -3.92	21.62 1.68 -4.05	20.53 1.59 -4.08	21.11 1.60 -4.58	19.93 1.54 -3.84	20.61 1.60 -3.74	22.65 1.69 -4.56	31.38 2.01 -10.61	29.47 2.43 -4.10	27.17 2.37 -2.89	25.36 2.10 -3.81	22.53 1.72 -4.77	22.41 1.43 -6.42	21.68 1.24 -5.97
LOVETT____4 23642	17.67 0.86 -6.46	16.36 0.78 -6.06	15.52 0.79 -5.38	14.91 0.73 -5.52	16.02 0.85 -4.81	18.03 0.88 -6.76	21.28 1.01 -9.37	23.20 1.35 -7.37	21.85 1.54 -5.61	20.67 1.65 -2.98	21.88 1.74 -3.92	21.62 1.68 -4.05	20.53 1.59 -4.08	21.11 1.60 -4.58	19.93 1.54 -3.84	20.61 1.60 -3.74	22.65 1.69 -4.56	31.38 2.01 -10.61	29.47 2.43 -4.10	27.17 2.37 -2.89	25.36 2.10 -3.81	22.53 1.72 -4.77	22.41 1.43 -6.42	21.68 1.24 -5.97
LOVETT____5 23593	17.67 0.86 -6.46	16.36 0.78 -6.06	15.52 0.79 -5.38	14.91 0.73 -5.52	16.02 0.85 -4.81	18.03 0.88 -6.76	21.28 1.01 -9.37	23.20 1.35 -7.37	21.85 1.54 -5.61	20.67 1.65 -2.98	21.88 1.74 -3.92	21.62 1.68 -4.05	20.53 1.59 -4.08	21.11 1.60 -4.58	19.93 1.54 -3.84	20.61 1.60 -3.74	22.65 1.69 -4.56	31.38 2.01 -10.61	29.47 2.43 -4.10	27.17 2.37 -2.89	25.36 2.10 -3.81	22.53 1.72 -4.77	22.41 1.43 -6.42	21.68 1.24 -5.97
LOWER RAQUET____HYD 24057	9.75 -0.60 0.00	8.95 -0.56 0.00	8.81 -0.53 0.00	8.16 -0.50 0.00	9.72 -0.64 0.00	9.67 -0.72 0.00	9.99 -0.90 0.00	13.03 -1.46 0.00	13.21 -1.48 0.00	14.51 -1.52 0.00	14.53 -1.64 0.06	14.30 -1.59 0.00	13.32 -1.53 0.00	13.50 -1.43 0.00	13.09 -1.45 0.00	13.75 -1.51 0.00	14.73 -1.67 0.00	16.78 -1.99 0.00	20.64 -2.29 0.00	19.70 -2.21 0.00	17.43 -2.02 0.00	14.63 -1.41 0.00	13.38 -1.18 0.00	13.34 -1.13 0.00
LOWER____HUDSON 24059	20.35 0.76 -9.24	18.88 0.69 -8.68	17.68 0.69 -7.65	17.12 0.65 -7.80	17.96 0.80 -6.80	20.72 0.79 -9.55	25.01 0.88 -13.24	26.05 1.16 -10.40	23.82 1.21 -7.92	21.58 1.33 -4.21	23.30 1.35 -5.73	23.12 1.32 -5.92	22.31 1.25 -6.21	22.60 1.21 -6.46	21.15 1.18 -5.42	21.77 1.22 -5.28	24.24 1.28 -6.56	34.98 1.52 -14.69	30.47 1.86 -5.68	27.63 1.71 -4.01	26.27 1.54 -5.28	23.91 1.27 -6.60	24.61 1.15 -8.89	23.82 1.09 -8.27
LWR____OSWEGATCHIE_HYD 23850	9.83 -0.52 0.00	9.03 -0.48 0.00	8.86 -0.48 0.00	8.22 -0.44 0.00	9.83 -0.53 0.00	9.79 -0.59 0.00	10.26 -0.63 0.00	13.49 -1.00 0.00	13.69 -1.00 0.00	15.10 -0.93 0.00	15.18 -1.01 0.04	14.92 -0.97 0.00	13.87 -0.98 0.00	14.02 -0.91 0.00	13.54 -1.00 0.00	14.21 -1.05 0.00	15.21 -1.20 0.00	17.45 -1.31 0.00	21.51 -1.42 0.00	20.53 -1.38 0.00	18.15 -1.30 0.00	15.08 -0.96 0.00	13.73 -0.83 0.00	13.64 -0.82 0.00
LYONS_FALL_HYD 23570	10.30 -0.05 0.00	9.46 -0.06 0.00	9.28 -0.06 0.00	8.61 -0.05 0.00	10.32 -0.04 0.00	10.31 -0.07 0.00	10.92 0.03 0.00	14.52 0.03 0.00	14.74 0.04 0.00	16.34 0.30 0.00	16.45 0.24 0.02	16.14 0.25 0.00	14.96 0.10 0.00	15.11 0.18 0.00	14.53 -0.01 0.00	15.25 -0.02 0.00	16.34 -0.07 0.00	18.82 0.06 0.00	23.19 0.25 0.00	22.11 0.20 0.00	19.57 0.12 0.00	16.11 0.06 0.00	14.62 0.06 0.00	14.48 0.01 0.00
MADISON____COUNTY_LFGE 323628	10.82 0.18 -0.29	9.94 0.15 -0.27	9.72 0.14 -0.24	9.05 0.14 -0.25	10.76 0.19 -0.22	10.88 0.19 -0.30	11.63 0.32 -0.42	15.42 0.41 -0.52	15.49 0.40 -0.40	16.69 0.45 -0.21	17.03 0.52 -0.29	16.68 0.49 -0.30	15.61 0.45 -0.31	15.69 0.43 -0.32	15.20 0.38 -0.27	15.91 0.38 -0.27	17.09 0.41 -0.28	19.86 0.62 -0.48	23.99 0.87 -0.18	22.83 0.79 -0.13	20.28 0.66 -0.17	16.76 0.50 -0.21	15.28 0.42 -0.29	15.12 0.39 -0.27



MAPLE_RIDGE_WT_1 323574	9.55 -0.34 0.46	8.77 -0.31 0.43	8.66 -0.30 0.38	7.99 -0.29 0.39	9.69 -0.33 0.34	9.58 -0.33 0.48	9.88 -0.35 0.66	13.49 -0.46 0.53	13.82 -0.47 0.40	15.31 -0.51 0.21	15.44 -0.52 0.26	15.07 -0.51 0.30	14.06 -0.48 0.32	14.14 -0.46 0.33	13.81 -0.47 0.28	14.49 -0.50 0.27	15.56 -0.56 0.29	17.43 -0.69 0.64	21.84 -0.85 0.25	20.92 -0.81 0.17	18.50 -0.72 0.23	15.16 -0.59 0.29	13.64 -0.54 0.39	13.58 -0.52 0.36
MAPLE_RIDGE_WT_2 323611	9.55 -0.34 0.46	8.77 -0.31 0.43	8.66 -0.30 0.38	7.99 -0.29 0.39	9.69 -0.33 0.34	9.58 -0.33 0.48	9.88 -0.35 0.66	13.49 -0.46 0.53	13.82 -0.47 0.40	15.31 -0.51 0.21	15.44 -0.52 0.26	15.07 -0.51 0.30	14.06 -0.48 0.32	14.14 -0.46 0.33	13.81 -0.47 0.28	14.49 -0.50 0.27	15.56 -0.56 0.29	17.43 -0.69 0.64	21.84 -0.85 0.25	20.92 -0.81 0.17	18.50 -0.72 0.23	15.16 -0.59 0.29	13.64 -0.54 0.39	13.58 -0.52 0.36
MARBLE_RIVER_WT_PWR 323696	9.81 -0.54 0.00	9.02 -0.50 0.00	8.86 -0.48 0.00	8.20 -0.46 0.00	9.77 -0.59 0.00	9.76 -0.62 0.00	10.09 -0.81 0.00	13.44 -1.04 0.00	13.59 -1.10 0.00	14.85 -1.19 0.00	14.90 -1.25 0.07	14.66 -1.22 0.00	13.71 -1.14 0.00	13.89 -1.05 0.00	13.52 -1.03 0.00	14.18 -1.08 0.00	15.24 -1.16 0.00	17.32 -1.44 0.00	21.22 -1.72 0.00	20.24 -1.67 0.00	17.95 -1.50 0.00	14.87 -1.17 0.00	13.49 -1.08 0.00	13.45 -1.01 0.00
MARSH_HILL_WT_PWR 323713	11.79 0.04 -1.40	10.88 0.05 -1.32	10.52 0.02 -1.16	9.89 0.03 -1.19	11.46 0.06 -1.04	12.02 0.18 -1.46	13.33 0.42 -2.02	16.65 0.56 -1.60	16.40 0.48 -1.22	17.16 0.48 -0.65	17.87 0.76 -0.88	17.48 0.68 -0.91	16.46 0.65 -0.96	16.50 0.57 -1.00	15.86 0.48 -0.83	16.47 0.40 -0.81	17.87 0.46 -1.01	21.78 0.77 -2.25	24.79 0.96 -0.89	23.35 0.83 -0.61	21.08 0.82 -0.81	17.65 0.59 -1.01	16.40 0.48 -1.36	16.12 0.39 -1.26
MG_INDUSTRY___DRP 24185	19.64 0.59 -8.70	18.22 0.54 -8.17	17.08 0.53 -7.20	16.51 0.50 -7.35	17.36 0.60 -6.40	19.98 0.60 -8.99	23.98 0.62 -12.46	25.07 0.78 -9.80	22.95 0.79 -7.46	20.87 0.87 -3.97	22.52 0.91 -5.39	22.35 0.89 -5.58	21.53 0.83 -5.85	21.84 0.82 -6.08	20.44 0.79 -5.10	21.06 0.82 -4.97	23.43 0.87 -6.16	33.61 1.03 -13.81	29.54 1.26 -5.34	26.88 1.20 -3.77	25.50 1.09 -4.96	23.13 0.88 -6.21	23.75 0.83 -8.36	23.10 0.87 -7.77
MID___OSWEGATCHIE_HYD 23849	9.83 -0.52 0.00	9.03 -0.48 0.00	8.86 -0.48 0.00	8.22 -0.44 0.00	9.83 -0.53 0.00	9.79 -0.59 0.00	10.26 -0.63 0.00	13.49 -1.00 0.00	13.69 -1.00 0.00	15.10 -0.93 0.00	15.18 -1.01 0.04	14.92 -0.97 0.00	13.87 -0.98 0.00	14.02 -0.91 0.00	13.54 -1.00 0.00	14.21 -1.05 0.00	15.21 -1.20 0.00	17.45 -1.31 0.00	21.51 -1.42 0.00	20.53 -1.38 0.00	18.15 -1.30 0.00	15.08 -0.96 0.00	13.73 -0.83 0.00	13.64 -0.82 0.00
MID___RAQUETTE_HYD 23851	9.75 -0.60 0.00	8.95 -0.56 0.00	8.81 -0.53 0.00	8.16 -0.50 0.00	9.72 -0.64 0.00	9.67 -0.72 0.00	9.99 -0.90 0.00	13.03 -1.46 0.00	13.21 -1.48 0.00	14.51 -1.52 0.00	14.53 -1.64 0.06	14.30 -1.59 0.00	13.32 -1.53 0.00	13.50 -1.43 0.00	13.09 -1.45 0.00	13.75 -1.51 0.00	14.73 -1.67 0.00	16.78 -1.99 0.00	20.64 -2.29 0.00	19.70 -2.21 0.00	17.43 -2.02 0.00	14.63 -1.41 0.00	13.38 -1.18 0.00	13.34 -1.13 0.00
MILLIKEN___1 23584	11.92 0.21 -1.37	10.99 0.19 -1.29	10.64 0.17 -1.14	9.99 0.16 -1.16	11.59 0.22 -1.01	12.07 0.27 -1.42	13.27 0.41 -1.97	16.64 0.58 -1.57	16.43 0.54 -1.20	17.27 0.59 -0.64	17.80 0.71 -0.86	17.43 0.65 -0.89	16.40 0.61 -0.94	16.49 0.58 -0.98	15.89 0.52 -0.82	16.58 0.52 -0.80	17.96 0.57 -0.99	21.76 0.81 -2.19	24.82 1.03 -0.85	23.47 0.96 -0.60	21.09 0.85 -0.79	17.69 0.66 -0.99	16.43 0.54 -1.33	16.20 0.51 -1.23
MILLIKEN___2 23585	11.92 0.21 -1.37	10.99 0.19 -1.29	10.64 0.17 -1.14	9.99 0.16 -1.16	11.59 0.22 -1.01	12.07 0.27 -1.42	13.27 0.41 -1.97	16.64 0.58 -1.57	16.43 0.54 -1.20	17.27 0.59 -0.64	17.80 0.71 -0.86	17.43 0.65 -0.89	16.40 0.61 -0.94	16.49 0.58 -0.98	15.89 0.52 -0.82	16.58 0.52 -0.80	17.96 0.57 -0.99	21.76 0.81 -2.19	24.82 1.03 -0.85	23.47 0.96 -0.60	21.09 0.85 -0.79	17.69 0.66 -0.99	16.43 0.54 -1.33	16.20 0.51 -1.23
MILLIKEN___DIESEL 23629	11.92 0.21 -1.37	10.99 0.19 -1.29	10.64 0.17 -1.14	9.99 0.16 -1.16	11.59 0.22 -1.01	12.07 0.27 -1.42	13.27 0.41 -1.97	16.64 0.58 -1.57	16.43 0.54 -1.20	17.27 0.59 -0.64	17.80 0.71 -0.86	17.43 0.65 -0.89	16.40 0.61 -0.94	16.49 0.58 -0.98	15.89 0.52 -0.82	16.58 0.52 -0.80	17.96 0.57 -0.99	21.76 0.81 -2.19	24.82 1.03 -0.85	23.47 0.96 -0.60	21.09 0.85 -0.79	17.69 0.66 -0.99	16.43 0.54 -1.33	16.20 0.51 -1.23
MILLSEAT___LFGE 323607	10.98 -0.34 -0.97	10.11 -0.31 -0.91	9.83 -0.32 -0.80	9.21 -0.28 -0.82	10.78 -0.30 -0.72	11.22 -0.17 -1.01	12.35 0.07 -1.39	15.56 -0.04 -1.11	15.23 -0.31 -0.85	16.08 -0.40 -0.45	16.69 -0.15 -0.61	16.44 -0.08 -0.63	15.50 -0.01 -0.66	15.46 -0.16 -0.69	14.94 -0.19 -0.58	15.49 -0.34 -0.56	16.79 -0.31 -0.70	20.25 -0.07 -1.55	23.38 -0.14 -0.58	22.09 -0.24 -0.42	19.95 -0.06 -0.56	16.61 -0.13 -0.70	15.43 -0.07 -0.94	15.30 -0.04 -0.87
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.98 0.94 -6.69	16.65 0.86 -6.28	15.73 0.83 -5.55	15.12 0.76 -5.69	16.21 0.89 -4.96	18.27 0.92 -6.96	21.60 1.06 -9.66	23.49 1.40 -7.59	22.09 1.62 -5.78	20.83 1.72 -3.07	22.00 1.82 -3.96	21.76 1.78 -4.09	20.54 1.66 -4.03	21.32 1.67 -4.72	20.12 1.61 -3.96	20.78 1.66 -3.85	22.77 1.77 -4.60	31.78 2.10 -10.91	29.68 2.52 -4.22	27.36 2.47 -2.97	25.57 2.20 -3.92	22.73 1.78 -4.90	22.67 1.50 -6.60	21.92 1.32 -6.14
MODEL_CITY_ENERGY 24167	10.75 -0.62 -1.02	9.91 -0.56 -0.96	9.63 -0.56 -0.85	9.03 -0.50 -0.87	10.52 -0.59 -0.75	10.95 -0.50 -1.06	12.06 -0.30 -1.47	15.09 -0.57 -1.17	14.86 -0.72 -0.89	15.66 -0.85 -0.47	16.25 -0.62 -0.64	15.98 -0.57 -0.67	15.08 -0.48 -0.70	15.08 -0.58 -0.73	14.56 -0.60 -0.61	15.08 -0.78 -0.59	16.33 -0.80 -0.74	19.71 -0.69 -1.64	22.69 -0.85 -0.60	21.46 -0.90 -0.45	19.42 -0.62 -0.59	16.22 -0.56 -0.74	15.09 -0.47 -0.99	14.82 -0.56 -0.92
MODERN_LFGE___ 323580	10.75 -0.62 -1.02	9.91 -0.56 -0.96	9.63 -0.56 -0.85	9.03 -0.50 -0.87	10.52 -0.59 -0.75	10.95 -0.50 -1.06	12.06 -0.30 -1.47	15.09 -0.57 -1.17	14.86 -0.72 -0.89	15.66 -0.85 -0.47	16.25 -0.62 -0.64	15.98 -0.57 -0.67	15.08 -0.48 -0.70	15.08 -0.58 -0.73	14.56 -0.60 -0.61	15.08 -0.78 -0.59	16.33 -0.80 -0.74	19.71 -0.69 -1.64	22.69 -0.85 -0.60	21.46 -0.90 -0.45	19.42 -0.62 -0.59	16.22 -0.56 -0.74	15.09 -0.47 -0.99	14.82 -0.56 -0.92
MOHAWK_PAPER___DRP 24187	19.98 0.69 -8.94	18.54 0.64 -8.39	17.38 0.64 -7.40	16.80 0.59 -7.55	17.65 0.71 -6.58	20.34 0.72 -9.23	24.44 0.74 -12.80	25.49 0.94 -10.06	23.43 1.07 -7.66	21.30 1.19 -4.08	22.96 1.20 -5.54	22.79 1.18 -5.73	21.98 1.11 -6.01	22.27 1.09 -6.25	20.84 1.05 -5.24	21.46 1.08 -5.11	23.91 1.13 -6.38	34.41 1.35 -14.29	30.11 1.65 -5.52	27.36 1.56 -3.90	25.99 1.40 -5.14	23.59 1.12 -6.42	24.26 1.05 -8.65	23.57 1.07 -8.04



MONGAUP___HYD 23641	17.42 0.96 -6.11	16.13 0.87 -5.74	15.29 0.86 -5.09	14.71 0.81 -5.23	15.84 0.92 -4.56	17.70 0.91 -6.40	20.61 0.85 -8.87	22.53 1.07 -6.98	21.31 1.31 -5.31	20.22 1.36 -2.82	21.39 1.40 -3.77	21.36 1.57 -3.90	20.35 1.49 -4.01	20.86 1.60 -4.33	19.71 1.53 -3.63	20.41 1.60 -3.54	22.41 1.61 -4.40	30.64 1.82 -10.05	29.07 2.25 -3.88	26.84 2.19 -2.74	25.01 1.94 -3.61	22.37 1.81 -4.52	22.26 1.62 -6.08	21.48 1.36 -5.65
MONTAUK___DIESEL 23721	19.56 2.43 -6.78	18.13 2.25 -6.37	17.10 2.17 -5.59	16.40 1.99 -5.74	17.68 2.33 -4.99	19.93 2.54 -7.00	23.98 2.85 -10.23	26.43 3.87 -8.08	25.91 4.10 -7.12	26.23 4.27 -5.93	28.28 4.46 -7.60	26.00 4.30 -5.81	25.45 4.00 -6.60	24.84 4.02 -5.89	24.41 3.87 -5.99	24.92 4.03 -5.63	29.35 4.46 -8.49	36.72 5.52 -12.44	36.00 6.70 -6.37	34.64 6.31 -6.42	33.10 5.56 -8.09	30.26 4.54 -9.67	26.90 4.03 -8.30	24.80 3.79 -6.55
MOTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.26 1.12 -6.79	16.90 1.02 -6.37	15.89 0.97 -5.57	15.27 0.88 -5.72	16.38 1.04 -4.99	18.46 1.07 -7.00	21.84 1.23 -9.72	23.75 1.62 -7.64	25.88 1.85 -9.34	28.21 1.97 -10.20	23.30 2.08 -5.00	25.82 2.02 -7.92	25.91 1.90 -9.15	23.19 1.91 -6.35	20.57 1.85 -4.17	22.25 1.91 -5.08	25.35 2.03 -6.91	32.15 2.38 -11.00	30.06 2.87 -4.25	28.04 2.81 -3.32	26.21 2.51 -4.25	23.04 2.04 -4.96	22.93 1.72 -6.65	22.18 1.53 -6.18
MUNSVILLE_WIND_PWR 323609	13.15 0.68 -2.12	12.10 0.60 -1.99	11.68 0.58 -1.76	11.01 0.55 -1.80	12.63 0.70 -1.57	13.27 0.69 -2.20	14.97 1.04 -3.05	18.32 1.42 -2.41	17.96 1.42 -1.84	18.78 1.76 -0.98	19.37 1.82 -1.33	19.01 1.75 -1.37	17.81 1.52 -1.44	17.97 1.54 -1.50	17.10 1.29 -1.26	17.83 1.34 -1.22	19.33 1.41 -1.52	24.09 1.93 -3.39	26.95 2.71 -1.31	25.35 2.52 -0.92	22.79 2.12 -1.22	19.17 1.60 -1.52	18.01 1.40 -2.05	17.67 1.30 -1.91
N SALMON___HYD 24042	9.84 -0.51 0.00	9.05 -0.47 0.00	8.90 -0.44 0.00	8.24 -0.42 0.00	9.79 -0.57 0.00	9.77 -0.61 0.00	10.07 -0.82 0.00	13.39 -1.10 0.00	13.52 -1.18 0.00	14.78 -1.25 0.00	14.87 -1.28 0.07	14.63 -1.26 0.00	13.68 -1.17 0.00	13.89 -1.05 0.00	13.49 -1.06 0.00	14.13 -1.13 0.00	15.19 -1.21 0.00	17.26 -1.50 0.00	21.22 -1.72 0.00	20.24 -1.67 0.00	17.93 -1.52 0.00	14.90 -1.14 0.00	13.51 -1.05 0.00	13.47 -1.00 0.00
N.E._GEN_SANDY PD 24062	19.36 0.87 -8.14	17.97 0.81 -7.64	16.86 0.78 -6.74	16.26 0.74 -6.86	17.22 0.88 -5.98	19.70 0.91 -8.40	23.53 1.00 -11.63	25.00 1.36 -9.15	23.12 1.46 -6.97	21.33 1.59 -3.71	22.91 1.64 -5.05	22.73 1.62 -5.22	21.85 1.50 -5.50	22.11 1.49 -5.68	20.77 1.45 -4.77	21.42 1.51 -4.64	23.80 1.61 -5.79	33.58 1.84 -12.97	30.20 2.25 -5.01	27.55 2.10 -3.54	26.00 1.89 -4.66	23.45 1.57 -5.83	23.74 1.33 -7.85	22.95 1.19 -7.30
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.67 0.87 -6.45	16.36 0.79 -6.06	15.52 0.80 -5.37	14.91 0.74 -5.52	16.03 0.86 -4.81	18.03 0.89 -6.75	21.27 1.02 -9.36	23.21 1.36 -7.36	21.87 1.57 -5.60	20.68 1.67 -2.98	21.89 1.75 -3.91	21.65 1.72 -4.05	20.54 1.60 -4.08	21.13 1.63 -4.57	19.94 1.56 -3.83	20.62 1.62 -3.73	22.68 1.72 -4.56	31.40 2.05 -10.59	29.49 2.46 -4.09	27.21 2.41 -2.89	25.40 2.14 -3.81	22.54 1.73 -4.76	22.43 1.46 -6.41	21.70 1.27 -5.96
NARROWS_GT1_1 24228	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT1_2 24229	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT1_3 24230	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT1_4 24231	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT1_5 24232	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT1_6 24233	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT1_7 24234	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT1_8 24235	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18



NARROWS_GT2_1 24236	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT2_2 24237	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT2_3 24238	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT2_4 24239	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT2_5 24240	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT2_6 24241	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT2_7 24242	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NARROWS_GT2_8 24243	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.80 0.90 -7.56	17.43 0.82 -7.09	16.37 0.77 -6.26	15.78 0.73 -6.39	16.80 0.87 -5.57	19.09 0.88 -7.82	22.70 0.97 -10.84	24.21 1.20 -8.52	22.54 1.35 -6.49	20.91 1.43 -3.45	22.34 1.43 -4.69	22.10 1.37 -4.85	21.23 1.29 -5.09	21.60 1.37 -5.29	20.33 1.34 -4.44	20.99 1.40 -4.33	23.35 1.61 -5.34	32.68 1.99 -11.93	30.02 2.48 -4.61	27.53 2.37 -3.25	25.82 2.08 -4.29	23.12 1.72 -5.36	23.28 1.50 -7.22	22.50 1.33 -6.71
NEG CAPITAL___MECHNVIL 23645	20.62 0.92 -9.35	19.15 0.86 -8.78	17.94 0.86 -7.74	17.37 0.81 -7.90	18.24 0.99 -6.88	21.01 0.97 -9.66	25.39 1.10 -13.40	26.47 1.45 -10.53	24.21 1.50 -8.02	21.97 1.67 -4.26	23.67 1.66 -5.80	23.50 1.62 -5.99	22.68 1.54 -6.29	22.98 1.51 -6.54	21.49 1.45 -5.49	22.12 1.51 -5.34	24.63 1.59 -6.64	35.51 1.88 -14.87	31.00 2.32 -5.75	28.11 2.15 -4.05	26.72 1.93 -5.35	24.31 1.59 -6.68	25.02 1.46 -9.00	24.19 1.36 -8.37
NEG CENTRAL_HIGH_ACRES 23767	10.76 -0.39 -0.80	9.90 -0.36 -0.75	9.64 -0.36 -0.66	9.01 -0.33 -0.68	10.60 -0.35 -0.59	10.97 -0.25 -0.83	11.91 -0.13 -1.15	15.17 -0.23 -0.92	14.95 -0.44 -0.70	15.89 -0.51 -0.37	16.37 -0.36 -0.51	16.09 -0.32 -0.52	15.14 -0.27 -0.55	15.15 -0.36 -0.57	14.65 -0.38 -0.48	15.27 -0.46 -0.47	16.50 -0.48 -0.58	19.69 -0.36 -1.28	22.93 -0.50 -0.50	21.73 -0.53 -0.35	19.48 -0.43 -0.46	16.22 -0.40 -0.58	15.00 -0.33 -0.78	14.94 -0.25 -0.72
NEG CENTRAL___DRP 24199	11.22 -0.01 -0.88	10.32 -0.02 -0.83	10.05 -0.03 -0.73	9.39 -0.02 -0.75	11.02 0.01 -0.65	11.38 0.08 -0.92	12.39 0.23 -1.27	15.81 0.30 -1.02	15.69 0.22 -0.78	16.67 0.22 -0.41	17.16 0.37 -0.56	16.80 0.33 -0.58	15.79 0.33 -0.61	15.84 0.27 -0.63	15.30 0.22 -0.53	15.96 0.18 -0.52	17.25 0.21 -0.64	20.59 0.41 -1.42	23.99 0.50 -0.55	22.76 0.46 -0.39	20.37 0.41 -0.51	16.97 0.29 -0.64	15.65 0.23 -0.86	15.49 0.23 -0.80
NEG CENTRAL___INDECK 23768	11.61 0.08 -1.18	10.68 0.07 -1.10	10.37 0.06 -0.97	9.73 0.07 -1.00	11.35 0.12 -0.87	11.92 0.31 -1.22	13.14 0.56 -1.69	16.53 0.70 -1.34	16.13 0.41 -1.02	16.98 0.40 -0.54	17.63 0.67 -0.74	17.32 0.67 -0.76	16.33 0.67 -0.80	16.29 0.52 -0.83	15.73 0.48 -0.70	16.34 0.40 -0.68	17.72 0.48 -0.84	21.49 0.85 -1.88	24.63 0.96 -0.73	23.28 0.85 -0.51	20.92 0.80 -0.68	17.47 0.58 -0.85	16.21 0.51 -1.14	16.15 0.62 -1.06
NEG CENTRAL___SENECA 23627	11.37 0.04 -0.98	10.48 0.04 -0.92	10.18 0.02 -0.82	9.53 0.03 -0.83	11.16 0.07 -0.73	11.57 0.17 -1.02	12.65 0.35 -1.41	16.08 0.46 -1.13	15.91 0.35 -0.86	16.84 0.35 -0.46	17.40 0.55 -0.62	17.04 0.51 -0.64	16.02 0.49 -0.67	16.04 0.40 -0.70	15.48 0.35 -0.59	16.16 0.32 -0.57	17.47 0.36 -0.71	20.96 0.62 -1.58	24.30 0.76 -0.61	23.02 0.68 -0.43	20.64 0.62 -0.57	17.20 0.45 -0.71	15.88 0.36 -0.95	15.73 0.38 -0.89
NEG CENTRAL___STATE_STREET 24147	11.27 0.06 -0.86	10.38 0.06 -0.81	10.09 0.04 -0.71	9.43 0.04 -0.73	11.07 0.07 -0.64	11.42 0.15 -0.89	12.39 0.26 -1.24	15.86 0.38 -0.99	15.76 0.31 -0.76	16.76 0.32 -0.40	17.22 0.45 -0.55	16.86 0.41 -0.57	15.85 0.40 -0.59	15.91 0.36 -0.62	15.39 0.32 -0.52	16.07 0.31 -0.50	17.35 0.33 -0.62	20.65 0.51 -1.38	24.13 0.67 -0.53	22.90 0.61 -0.38	20.47 0.53 -0.50	17.05 0.38 -0.62	15.72 0.32 -0.83	15.56 0.32 -0.78



NEG MILLWOOD___DRP 24198	18.37 1.06 -6.97	17.03 0.97 -6.54	16.03 0.92 -5.76	15.44 0.86 -5.92	16.50 0.98 -5.16	18.63 1.01 -7.24	22.09 1.17 -10.03	23.91 1.53 -7.89	22.49 1.79 -6.01	21.12 1.89 -3.19	22.61 1.99 -4.39	22.36 1.94 -4.54	21.48 1.81 -4.82	21.67 1.84 -4.90	20.43 1.77 -4.11	21.08 1.82 -4.00	23.46 1.97 -5.09	32.46 2.40 -11.29	30.19 2.89 -4.36	27.81 2.83 -3.08	26.00 2.49 -4.06	23.15 2.04 -5.07	23.08 1.69 -6.83	22.29 1.48 -6.35
NEG NORTH_FLCN_SEA 23793	9.93 -0.41 0.00	9.13 -0.38 0.00	8.99 -0.35 0.00	8.32 -0.35 0.00	9.88 -0.48 0.00	9.88 -0.51 0.00	10.21 -0.69 0.00	13.60 -0.88 0.00	13.75 -0.94 0.00	15.01 -1.03 0.00	15.10 -1.05 0.07	14.85 -1.03 0.00	13.89 -0.97 0.00	14.08 -0.85 0.00	13.69 -0.86 0.00	14.36 -0.90 0.00	15.43 -0.97 0.00	17.55 -1.22 0.00	21.51 -1.42 0.00	20.53 -1.38 0.00	18.21 -1.25 0.00	15.08 -0.96 0.00	13.66 -0.90 0.00	13.63 -0.84 0.00
NEG NORTH_KES_CHATEGAY 23792	9.83 -0.52 0.00	9.04 -0.48 0.00	8.89 -0.45 0.00	8.23 -0.43 0.00	9.79 -0.57 0.00	9.78 -0.60 0.00	10.10 -0.79 0.00	13.47 -1.01 0.00	13.62 -1.07 0.00	14.87 -1.17 0.00	14.92 -1.23 0.07	14.69 -1.19 0.00	13.74 -1.11 0.00	13.90 -1.03 0.00	13.54 -1.00 0.00	14.21 -1.05 0.00	15.27 -1.13 0.00	17.34 -1.43 0.00	21.26 -1.67 0.00	20.29 -1.62 0.00	17.99 -1.46 0.00	14.90 -1.14 0.00	13.51 -1.05 0.00	13.48 -0.98 0.00
NEG NORTH___ALICE_FALLS 23915	9.90 -0.44 0.00	9.10 -0.41 0.00	8.96 -0.38 0.00	8.29 -0.37 0.00	9.84 -0.52 0.00	9.85 -0.54 0.00	10.15 -0.74 0.00	13.55 -0.94 0.00	13.68 -1.01 0.00	14.94 -1.09 0.00	15.03 -1.12 0.07	14.81 -1.08 0.00	13.84 -1.01 0.00	14.05 -0.88 0.00	13.65 -0.90 0.00	14.30 -0.96 0.00	15.39 -1.02 0.00	17.49 -1.28 0.00	21.45 -1.49 0.00	20.49 -1.42 0.00	18.15 -1.30 0.00	15.03 -1.01 0.00	13.60 -0.96 0.00	13.57 -0.90 0.00
NEG NORTH___LWR_SARANAC 23913	9.90 -0.44 0.00	9.10 -0.41 0.00	8.96 -0.38 0.00	8.29 -0.37 0.00	9.84 -0.52 0.00	9.85 -0.54 0.00	10.15 -0.74 0.00	13.55 -0.94 0.00	13.68 -1.01 0.00	14.94 -1.09 0.00	15.03 -1.12 0.07	14.81 -1.08 0.00	13.84 -1.01 0.00	14.05 -0.88 0.00	13.65 -0.90 0.00	14.30 -0.96 0.00	15.39 -1.02 0.00	17.49 -1.28 0.00	21.45 -1.49 0.00	20.49 -1.42 0.00	18.15 -1.30 0.00	15.03 -1.01 0.00	13.60 -0.96 0.00	13.57 -0.90 0.00
NEG NORTH___PLATTSBURG 23628	9.90 -0.44 0.00	9.10 -0.41 0.00	8.96 -0.38 0.00	8.29 -0.37 0.00	9.84 -0.52 0.00	9.85 -0.54 0.00	10.15 -0.74 0.00	13.55 -0.94 0.00	13.68 -1.01 0.00	14.94 -1.09 0.00	15.03 -1.12 0.07	14.81 -1.08 0.00	13.84 -1.01 0.00	14.05 -0.88 0.00	13.65 -0.90 0.00	14.30 -0.96 0.00	15.39 -1.02 0.00	17.49 -1.28 0.00	21.45 -1.49 0.00	20.49 -1.42 0.00	18.15 -1.30 0.00	15.03 -1.01 0.00	13.60 -0.96 0.00	13.57 -0.90 0.00
NEG WEST_LEA_LOCKPORT 23791	10.88 -0.49 -1.01	10.03 -0.44 -0.95	9.74 -0.44 -0.84	9.13 -0.39 -0.86	10.65 -0.46 -0.75	11.08 -0.35 -1.05	12.21 -0.14 -1.46	15.30 -0.35 -1.16	15.08 -0.50 -0.88	15.90 -0.61 -0.47	16.50 -0.36 -0.64	16.23 -0.32 -0.66	15.31 -0.24 -0.69	15.30 -0.36 -0.72	14.77 -0.38 -0.60	15.30 -0.55 -0.59	16.57 -0.56 -0.73	20.01 -0.38 -1.62	23.06 -0.48 -0.61	21.78 -0.57 -0.44	19.72 -0.31 -0.58	16.45 -0.32 -0.73	15.30 -0.25 -0.98	15.03 -0.35 -0.91
NEG WEST___LANCASTR 23811	11.55 0.02 -1.18	10.67 0.05 -1.11	10.34 0.02 -0.98	9.70 0.03 -1.00	11.29 0.05 -0.87	11.76 0.15 -1.23	12.99 0.39 -1.70	16.27 0.43 -1.35	16.06 0.34 -1.03	16.87 0.29 -0.55	17.53 0.57 -0.74	17.23 0.57 -0.77	16.23 0.56 -0.81	16.24 0.46 -0.84	15.65 0.39 -0.70	16.23 0.28 -0.69	17.58 0.33 -0.85	21.34 0.67 -1.90	24.59 0.85 -0.81	23.15 0.72 -0.52	20.95 0.82 -0.68	17.49 0.59 -0.85	16.25 0.54 -1.15	15.91 0.38 -1.07
NEG_PENN_ALLEGHNY 23528	12.89 0.30 -2.24	11.89 0.28 -2.10	11.46 0.26 -1.85	10.81 0.25 -1.90	12.32 0.31 -1.65	13.07 0.36 -2.32	14.61 0.50 -3.21	17.70 0.67 -2.54	17.29 0.66 -1.93	17.77 0.70 -1.03	18.48 0.86 -1.40	18.13 0.79 -1.45	17.11 0.74 -1.52	17.21 0.70 -1.58	16.51 0.64 -1.32	17.18 0.63 -1.29	18.69 0.69 -1.60	23.27 0.92 -3.58	25.47 1.15 -1.38	23.96 1.07 -0.98	21.71 0.97 -1.29	18.42 0.77 -1.61	17.37 0.64 -2.17	17.07 0.59 -2.01
NEG___GEN_MONROE 24207	10.91 -0.28 -0.84	10.05 -0.25 -0.79	9.78 -0.25 -0.69	9.16 -0.22 -0.71	10.75 -0.23 -0.62	11.15 -0.10 -0.87	12.15 0.05 -1.20	15.42 -0.03 -0.96	15.16 -0.26 -0.73	16.09 -0.34 -0.39	16.61 -0.15 -0.53	16.34 -0.09 -0.55	15.40 -0.03 -0.57	15.37 -0.16 -0.60	14.87 -0.17 -0.50	15.46 -0.29 -0.49	16.73 -0.28 -0.60	20.01 -0.09 -1.34	23.24 -0.21 -0.51	22.01 -0.26 -0.37	19.78 -0.16 -0.48	16.45 -0.19 -0.60	15.22 -0.16 -0.81	15.13 -0.09 -0.75
NEPA___ENERGY 23901	11.27 -0.20 -1.12	10.40 -0.16 -1.05	10.08 -0.19 -0.93	9.46 -0.16 -0.95	11.02 -0.17 -0.83	11.47 -0.07 -1.16	12.69 0.18 -1.61	15.96 0.19 -1.28	15.76 0.09 -0.97	16.59 0.03 -0.52	17.25 0.32 -0.70	16.95 0.33 -0.73	15.97 0.36 -0.76	15.98 0.25 -0.79	15.40 0.19 -0.67	15.96 0.05 -0.65	17.29 0.08 -0.80	20.97 0.41 -1.79	24.24 0.57 -0.73	22.84 0.44 -0.49	20.64 0.54 -0.64	17.22 0.37 -0.81	15.98 0.34 -1.09	15.60 0.13 -1.01
NEVERSINK___HYD 23608	17.33 0.85 -6.13	16.04 0.77 -5.76	15.18 0.76 -5.09	14.58 0.70 -5.21	15.72 0.82 -4.54	17.60 0.84 -6.38	20.70 0.97 -8.84	22.70 1.26 -6.95	21.46 1.47 -5.29	20.41 1.55 -2.82	21.67 1.62 -3.83	21.40 1.56 -3.96	20.46 1.46 -4.15	20.78 1.52 -4.32	19.62 1.45 -3.62	20.30 1.51 -3.53	22.46 1.67 -4.39	30.62 2.03 -9.83	29.24 2.50 -3.80	27.02 2.43 -2.68	25.12 2.14 -3.53	22.21 1.75 -4.42	21.97 1.46 -5.95	21.25 1.26 -5.53
NEWTON___FALLS_HYD 23847	9.83 -0.52 0.00	9.03 -0.48 0.00	8.86 -0.48 0.00	8.22 -0.44 0.00	9.83 -0.53 0.00	9.79 -0.59 0.00	10.26 -0.63 0.00	13.49 -1.00 0.00	13.69 -1.00 0.00	15.10 -0.93 0.00	15.18 -1.01 0.04	14.92 -0.97 0.00	13.87 -0.98 0.00	14.02 -0.91 0.00	13.54 -1.00 0.00	14.21 -1.05 0.00	15.21 -1.20 0.00	17.45 -1.31 0.00	21.51 -1.42 0.00	20.53 -1.38 0.00	18.15 -1.30 0.00	15.08 -0.96 0.00	13.73 -0.83 0.00	13.64 -0.82 0.00
NIAGARA_115E_LBMP 323715	10.69 -0.69 -1.03	9.85 -0.63 -0.97	9.57 -0.63 -0.86	8.97 -0.56 -0.87	10.46 -0.66 -0.76	10.88 -0.57 -1.07	11.99 -0.38 -1.48	14.97 -0.70 -1.18	14.76 -0.84 -0.90	15.53 -0.98 -0.48	16.13 -0.75 -0.65	15.86 -0.70 -0.67	14.96 -0.59 -0.70	14.97 -0.70 -0.73	14.44 -0.73 -0.61	14.96 -0.90 -0.60	16.21 -0.93 -0.74	19.56 -0.86 -1.65	22.48 -1.05 -0.60	21.24 -1.12 -0.45	19.27 -0.78 -0.59	16.08 -0.71 -0.74	14.97 -0.60 -1.00	14.71 -0.68 -0.93
NIAGARA_115W_LBMP 323714	10.67 -0.70 -1.03	9.85 -0.63 -0.97	9.56 -0.64 -0.85	8.98 -0.55 -0.87	10.45 -0.67 -0.76	10.86 -0.59 -1.07	11.96 -0.41 -1.48	14.91 -0.75 -1.18	14.71 -0.88 -0.90	15.49 -1.03 -0.48	16.08 -0.79 -0.65	15.81 -0.75 -0.67	14.92 -0.64 -0.70	14.92 -0.75 -0.73	14.40 -0.76 -0.61	14.92 -0.95 -0.60	16.16 -0.98 -0.74	19.53 -0.88 -1.65	22.41 -1.17 -0.64	21.15 -1.20 -0.45	19.19 -0.86 -0.59	16.03 -0.75 -0.74	14.92 -0.64 -1.00	14.67 -0.72 -0.93



NIAGARA_230_LBMP 323716	10.83 -0.54 -1.02	9.99 -0.48 -0.96	9.70 -0.49 -0.84	9.10 -0.42 -0.86	10.60 -0.51 -0.75	11.02 -0.42 -1.05	12.12 -0.23 -1.46	15.13 -0.52 -1.16	14.92 -0.66 -0.89	15.72 -0.79 -0.47	16.31 -0.55 -0.64	16.04 -0.51 -0.66	15.12 -0.43 -0.69	15.12 -0.54 -0.72	14.60 -0.55 -0.61	15.14 -0.72 -0.59	16.40 -0.74 -0.73	19.79 -0.60 -1.63	22.71 -0.85 -0.62	21.48 -0.88 -0.44	19.45 -0.58 -0.59	16.25 -0.53 -0.73	15.11 -0.44 -0.99	14.89 -0.49 -0.92
NIAGARA____ 23760	10.69 -0.69 -1.03	9.85 -0.63 -0.97	9.56 -0.64 -0.85	8.98 -0.55 -0.87	10.45 -0.67 -0.76	10.87 -0.58 -1.07	11.98 -0.39 -1.48	15.01 -0.65 -1.17	14.79 -0.79 -0.89	15.60 -0.91 -0.48	16.17 -0.70 -0.65	15.90 -0.65 -0.67	15.01 -0.55 -0.70	15.01 -0.66 -0.73	14.48 -0.68 -0.61	15.01 -0.85 -0.60	16.27 -0.87 -0.74	19.62 -0.79 -1.64	22.54 -1.01 -0.62	21.31 -1.05 -0.45	19.30 -0.74 -0.59	16.12 -0.66 -0.74	15.01 -0.55 -1.00	14.71 -0.68 -0.93
NINE_MILE_1 23575	10.52 -0.26 -0.43	9.68 -0.24 -0.40	9.46 -0.23 -0.36	8.81 -0.22 -0.36	10.43 -0.25 -0.32	10.60 -0.23 -0.44	11.32 -0.19 -0.62	14.74 -0.25 -0.50	14.76 -0.31 -0.38	15.90 -0.34 -0.20	16.20 -0.29 -0.27	15.88 -0.29 -0.28	14.88 -0.27 -0.30	14.96 -0.28 -0.31	14.52 -0.29 -0.26	15.19 -0.32 -0.25	16.35 -0.36 -0.31	19.10 -0.36 -0.69	22.77 -0.44 -0.27	21.68 -0.42 -0.19	19.33 -0.37 -0.25	16.05 -0.31 -0.31	14.72 -0.26 -0.42	14.59 -0.26 -0.39
NINE_MILE_2 23744	10.52 -0.26 -0.43	9.68 -0.24 -0.40	9.46 -0.23 -0.35	8.81 -0.22 -0.36	10.43 -0.25 -0.32	10.60 -0.23 -0.44	11.32 -0.19 -0.62	14.74 -0.25 -0.49	14.76 -0.31 -0.38	15.90 -0.34 -0.20	16.20 -0.29 -0.27	15.88 -0.29 -0.28	14.88 -0.27 -0.30	14.96 -0.28 -0.31	14.51 -0.29 -0.26	15.19 -0.32 -0.25	16.35 -0.36 -0.31	19.09 -0.36 -0.69	22.76 -0.44 -0.26	21.68 -0.42 -0.19	19.33 -0.37 -0.25	16.05 -0.31 -0.31	14.72 -0.26 -0.41	14.59 -0.26 -0.39
NM_CAPITAL____DRP 24208	19.87 0.65 -8.87	18.44 0.60 -8.32	17.27 0.59 -7.34	16.70 0.55 -7.48	17.55 0.66 -6.52	20.21 0.67 -9.16	24.25 0.66 -12.70	25.29 0.83 -9.98	23.10 0.81 -7.60	20.96 0.88 -4.04	22.62 0.91 -5.49	22.45 0.89 -5.68	21.64 0.83 -5.96	21.95 0.82 -6.20	20.53 0.79 -5.20	21.15 0.82 -5.07	23.52 0.84 -6.28	33.83 0.99 -14.07	29.59 1.21 -5.44	26.88 1.14 -3.84	25.54 1.03 -5.06	23.20 0.83 -6.32	23.92 0.84 -8.51	23.32 0.94 -7.91
NM_CENTRAL____DRP 24181	10.87 -0.05 -0.58	10.01 -0.05 -0.54	9.76 -0.06 -0.48	9.10 -0.05 -0.49	10.74 -0.04 -0.43	10.98 0.00 -0.60	11.81 0.09 -0.83	15.30 0.12 -0.70	15.30 0.07 -0.53	16.38 0.06 -0.28	16.77 0.16 -0.39	16.41 0.13 -0.40	15.41 0.13 -0.42	15.47 0.11 -0.43	14.99 0.07 -0.36	15.68 0.06 -0.36	16.89 0.05 -0.43	19.87 0.17 -0.94	23.51 0.21 -0.36	22.36 0.20 -0.26	19.96 0.17 -0.34	16.58 0.11 -0.42	15.22 0.09 -0.57	15.07 0.07 -0.53
NM_FRONTIER____DRP 24179	10.67 -0.70 -1.03	9.85 -0.63 -0.97	9.56 -0.64 -0.85	8.98 -0.55 -0.87	10.45 -0.67 -0.76	10.86 -0.59 -1.07	11.96 -0.41 -1.48	14.91 -0.75 -1.18	14.71 -0.88 -0.90	15.49 -1.03 -0.48	16.08 -0.79 -0.65	15.81 -0.75 -0.67	14.92 -0.64 -0.70	14.92 -0.75 -0.73	14.40 -0.76 -0.61	14.92 -0.95 -0.60	16.16 -0.98 -0.74	19.53 -0.88 -1.65	22.41 -1.17 -0.64	21.15 -1.20 -0.45	19.19 -0.86 -0.59	16.03 -0.75 -0.74	14.92 -0.64 -1.00	14.67 -0.72 -0.93
NM_ST_REGIS____HYD 24053	9.76 -0.59 0.00	8.97 -0.54 0.00	8.83 -0.51 0.00	8.17 -0.49 0.00	9.73 -0.63 0.00	9.69 -0.70 0.00	10.00 -0.89 0.00	13.11 -1.38 0.00	13.27 -1.43 0.00	14.56 -1.47 0.00	14.60 -1.56 0.06	14.36 -1.53 0.00	13.40 -1.46 0.00	13.59 -1.34 0.00	13.18 -1.37 0.00	13.83 -1.44 0.00	14.83 -1.57 0.00	16.89 -1.88 0.00	20.76 -2.18 0.00	19.83 -2.08 0.00	17.55 -1.91 0.00	14.69 -1.35 0.00	13.40 -1.17 0.00	13.35 -1.11 0.00
NORTHPORT____1 23551	18.54 1.41 -6.78	17.19 1.31 -6.37	16.22 1.29 -5.59	15.57 1.17 -5.74	16.71 1.36 -4.99	18.81 1.42 -7.00	22.69 1.65 -10.14	24.67 2.17 -8.01	24.15 2.41 -7.04	24.30 2.42 -5.85	26.33 2.56 -7.55	24.13 2.51 -5.73	23.76 2.38 -6.53	23.15 2.40 -5.82	22.79 2.33 -5.92	23.23 2.41 -5.56	27.34 2.51 -8.43	34.16 2.98 -12.41	32.76 3.56 -6.27	31.65 3.40 -6.34	30.53 3.03 -8.05	28.16 2.50 -9.62	25.07 2.26 -8.25	23.02 2.07 -6.48
NORTHPORT____2 23552	18.54 1.41 -6.78	17.19 1.31 -6.37	16.22 1.29 -5.59	15.57 1.17 -5.74	16.71 1.36 -4.99	18.81 1.42 -7.00	22.69 1.65 -10.14	24.67 2.17 -8.01	24.15 2.41 -7.04	24.30 2.42 -5.85	26.33 2.56 -7.55	24.13 2.51 -5.73	23.76 2.38 -6.53	23.15 2.40 -5.82	22.79 2.33 -5.92	23.23 2.41 -5.56	27.34 2.51 -8.43	34.16 2.98 -12.41	32.76 3.56 -6.27	31.65 3.40 -6.34	30.53 3.03 -8.05	28.16 2.50 -9.62	25.07 2.26 -8.25	23.02 2.07 -6.48
NORTHPORT____3 23553	18.39 1.26 -6.78	17.05 1.17 -6.37	16.09 1.16 -5.59	15.45 1.05 -5.74	16.56 1.21 -4.99	18.66 1.27 -7.00	22.51 1.47 -10.15	24.44 1.94 -8.01	23.91 2.17 -7.04	24.05 2.18 -5.83	26.08 2.32 -7.54	23.89 2.27 -5.73	23.53 2.14 -6.53	22.90 2.15 -5.82	22.55 2.08 -5.92	22.99 2.17 -5.56	27.10 2.28 -8.42	33.65 2.48 -12.41	32.26 3.05 -6.27	31.30 3.04 -6.35	30.29 2.80 -8.04	27.93 2.28 -9.61	24.84 2.04 -8.24	22.80 1.85 -6.48
NORTHPORT____4 23650	18.39 1.26 -6.78	17.05 1.17 -6.37	16.09 1.16 -5.59	15.45 1.05 -5.74	16.56 1.21 -4.99	18.66 1.27 -7.00	22.51 1.47 -10.15	24.44 1.94 -8.01	23.91 2.17 -7.04	24.05 2.18 -5.83	26.08 2.32 -7.54	23.89 2.27 -5.73	23.53 2.14 -6.53	22.90 2.15 -5.82	22.55 2.08 -5.92	22.99 2.17 -5.56	27.10 2.28 -8.42	33.65 2.48 -12.41	32.26 3.05 -6.27	31.30 3.04 -6.35	30.29 2.80 -8.04	27.93 2.28 -9.61	24.84 2.04 -8.24	22.80 1.85 -6.48
NORTHPORT____IC 23718	18.54 1.41 -6.78	17.19 1.31 -6.37	16.22 1.29 -5.59	15.57 1.17 -5.74	16.71 1.36 -4.99	18.81 1.42 -7.00	22.69 1.65 -10.14	24.67 2.17 -8.01	24.15 2.41 -7.04	24.30 2.42 -5.85	26.33 2.56 -7.55	24.13 2.51 -5.73	23.76 2.38 -6.53	23.15 2.40 -5.82	22.79 2.33 -5.92	23.23 2.41 -5.56	27.34 2.51 -8.43	34.16 2.98 -12.41	32.76 3.56 -6.27	31.65 3.40 -6.34	30.53 3.03 -8.05	28.16 2.50 -9.62	25.07 2.26 -8.25	23.02 2.07 -6.48
NPX_GEN_1385_PROXY 323591	18.48 1.34 -6.78	17.13 1.25 -6.37	16.16 1.23 -5.59	15.52 1.12 -5.74	16.64 1.29 -4.99	18.74 1.35 -7.01	22.64 1.61 -10.14	24.52 2.03 -8.01	24.00 2.26 -7.04	24.14 2.26 -5.85	26.12 2.35 -7.55	24.00 2.38 -5.73	23.66 2.27 -6.53	23.06 2.31 -5.82	22.71 2.24 -5.92	23.16 2.34 -5.56	27.00 2.16 -8.43	33.88 2.70 -12.41	32.07 2.87 -6.27	30.00 2.74 -5.35	29.99 2.49 -8.05	27.80 2.13 -9.62	24.79 1.98 -8.25	22.80 1.85 -6.48
NPX_GEN_CSC 323557	18.72 1.58 -6.78	17.34 1.46 -6.37	16.36 1.43 -5.59	15.70 1.30 -5.74	16.86 1.51 -4.99	19.01 1.62 -7.01	22.97 1.86 -10.22	25.07 2.51 -8.08	24.52 2.72 -7.11	24.72 2.76 -5.92	26.71 2.89 -7.60	24.49 2.80 -5.80	24.08 2.63 -6.60	23.49 2.67 -5.88	23.12 2.59 -5.99	23.59 2.70 -5.62	27.76 2.87 -8.49	34.64 3.43 -12.44	33.45 4.15 -6.37	32.29 3.97 -6.41	31.03 3.50 -8.08	28.60 2.89 -9.67	25.47 2.61 -8.30	23.41 2.40 -6.54



NSINS_S_GLNS_FALLS 23858	20.66 1.08 -9.24	19.19 1.01 -8.67	18.00 1.01 -7.65	17.41 0.95 -7.80	18.34 1.18 -6.80	21.08 1.15 -9.54	25.44 1.32 -13.23	26.65 1.77 -10.40	24.43 1.82 -7.92	22.27 2.02 -4.21	23.94 1.99 -5.72	23.77 1.97 -5.92	22.96 1.90 -6.21	23.24 1.85 -6.46	21.77 1.80 -5.42	22.42 1.88 -5.28	24.89 1.93 -6.56	35.73 2.27 -14.69	31.41 2.80 -5.68	28.32 2.41 -4.01	26.89 2.16 -5.28	24.43 1.78 -6.60	25.09 1.63 -8.89	24.23 1.48 -8.29
NUCOR_STEEL____DRP 24197	11.21 0.04 -0.82	10.33 0.04 -0.77	10.05 0.03 -0.68	9.39 0.03 -0.70	11.02 0.05 -0.61	11.35 0.11 -0.85	12.29 0.22 -1.18	15.75 0.30 -0.95	15.65 0.23 -0.73	16.66 0.24 -0.39	17.12 0.37 -0.52	16.76 0.33 -0.54	15.75 0.33 -0.57	15.81 0.28 -0.59	15.29 0.25 -0.50	15.98 0.23 -0.48	17.24 0.25 -0.60	20.50 0.41 -1.32	23.97 0.53 -0.51	22.75 0.48 -0.36	20.35 0.43 -0.47	16.96 0.32 -0.59	15.62 0.26 -0.80	15.47 0.26 -0.74
NYISO_LBMP_REFERENCE 24008	10.35 0.00 0.00	9.51 0.00 0.00	9.34 0.00 0.00	8.66 0.00 0.00	10.36 0.00 0.00	10.39 0.00 0.00	10.89 0.00 0.00	14.49 0.00 0.00	14.69 0.00 0.00	16.04 0.00 0.00	16.22 0.00 0.00	15.89 0.00 0.00	14.85 0.00 0.00	14.93 0.00 0.00	14.55 0.00 0.00	15.26 0.00 0.00	16.40 0.00 0.00	18.77 0.00 0.00	22.94 0.00 0.00	21.91 0.00 0.00	19.45 0.00 0.00	16.04 0.00 0.00	14.56 0.00 0.00	14.46 0.00 0.00
NYPA_BRENTWD____GT 24164	18.63 1.50 -6.78	17.27 1.39 -6.37	16.30 1.36 -5.59	15.64 1.24 -5.74	16.79 1.44 -4.99	18.92 1.53 -7.00	22.99 1.76 -10.34	25.00 2.35 -8.17	24.47 2.57 -7.20	24.66 2.60 -6.03	26.64 2.76 -7.66	24.47 2.69 -5.90	24.07 2.53 -6.69	23.47 2.55 -5.98	23.10 2.47 -6.08	23.56 2.58 -5.71	27.69 2.72 -8.56	34.49 3.25 -12.47	33.35 3.92 -6.49	32.16 3.75 -6.51	30.91 3.33 -8.13	28.51 2.73 -9.74	25.37 2.45 -8.36	23.33 2.24 -6.62
NYPA_GOWANUS____GT5 24156	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NYPA_GOWANUS____GT6 24157	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18
NYPA_HARLEM__RVR__GT1 24160	18.40 1.25 -6.80	17.04 1.15 -6.37	16.01 1.08 -5.58	15.38 0.99 -5.73	16.52 1.16 -5.00	18.59 1.19 -7.01	21.87 1.26 -9.72	23.77 1.64 -7.64	22.69 1.85 -6.15	30.48 1.99 -12.46	23.25 2.09 -4.94	23.20 2.05 -5.26	23.04 1.92 -6.26	21.79 1.93 -4.93	20.52 1.86 -4.11	21.25 1.94 -4.05	24.29 2.07 -5.82	32.13 2.38 -10.99	30.05 2.87 -4.25	27.95 2.83 -3.22	26.11 2.51 -4.15	23.02 2.04 -4.94	22.96 1.75 -6.65	22.30 1.65 -6.18
NYPA_HARLEM__RVR__GT2 24161	18.40 1.25 -6.80	17.04 1.15 -6.37	16.01 1.08 -5.58	15.38 0.99 -5.73	16.52 1.16 -5.00	18.59 1.19 -7.01	21.87 1.26 -9.72	23.77 1.64 -7.64	22.69 1.85 -6.15	30.48 1.99 -12.46	23.25 2.09 -4.94	23.20 2.05 -5.26	23.04 1.92 -6.26	21.79 1.93 -4.93	20.52 1.86 -4.11	21.25 1.94 -4.05	24.29 2.07 -5.82	32.13 2.38 -10.99	30.05 2.87 -4.25	27.95 2.83 -3.22	26.11 2.51 -4.15	23.02 2.04 -4.94	22.96 1.75 -6.65	22.30 1.65 -6.18
NYPA_KENT____GT 24152	18.35 1.21 -6.79	16.97 1.09 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.46 1.11 -4.99	18.52 1.13 -7.00	21.86 1.25 -9.72	23.80 1.67 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.32 2.12 -4.98	25.48 2.06 -7.53	25.54 1.95 -8.74	23.03 1.96 -6.14	20.57 1.88 -4.15	22.14 1.95 -4.92	25.25 2.10 -6.75	32.24 2.48 -11.00	30.17 2.98 -4.25	28.08 2.89 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.28 1.63 -6.18
NYPA_POUCH1____GT 24155	18.35 1.21 -6.79	16.97 1.09 -6.37	15.95 1.04 -5.57	15.32 0.94 -5.72	16.45 1.10 -4.99	18.49 1.10 -7.00	21.82 1.21 -9.72	23.72 1.59 -7.64	25.36 1.79 -8.87	27.22 1.92 -9.26	23.23 2.03 -4.98	25.41 1.99 -7.53	25.45 1.86 -8.74	22.94 1.87 -6.14	20.50 1.80 -4.15	22.06 1.88 -4.92	25.17 2.02 -6.75	32.17 2.40 -11.00	30.10 2.91 -4.25	28.02 2.83 -3.28	26.17 2.51 -4.21	23.05 2.05 -4.95	22.96 1.75 -6.65	22.27 1.62 -6.18
NYPA_VERNON____GT2 24162	18.34 1.20 -6.79	16.97 1.09 -6.37	15.95 1.04 -5.57	15.33 0.94 -5.72	16.46 1.11 -4.99	18.53 1.14 -7.00	21.88 1.27 -9.72	23.82 1.69 -7.64	25.47 1.90 -8.87	27.34 2.04 -9.26	23.34 2.14 -4.98	25.50 2.08 -7.53	25.55 1.96 -8.74	23.04 1.97 -6.14	20.60 1.91 -4.15	22.16 1.97 -4.92	25.25 2.10 -6.75	32.24 2.48 -11.00	30.17 2.98 -4.25	28.08 2.89 -3.28	26.23 2.57 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.28 1.63 -6.18
NYPA_VERNON____GT3 24163	18.34 1.20 -6.79	16.97 1.09 -6.37	15.95 1.04 -5.57	15.33 0.94 -5.72	16.46 1.11 -4.99	18.53 1.14 -7.00	21.88 1.27 -9.72	23.82 1.69 -7.64	25.47 1.90 -8.87	27.34 2.04 -9.26	23.34 2.14 -4.98	25.50 2.08 -7.53	25.55 1.96 -8.74	23.04 1.97 -6.14	20.60 1.91 -4.15	22.16 1.97 -4.92	25.25 2.10 -6.75	32.24 2.48 -11.00	30.17 2.98 -4.25	28.08 2.89 -3.28	26.23 2.57 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.28 1.63 -6.18
NYPA__ASTORIA_CC1 323568	18.33 1.19 -6.79	16.97 1.09 -6.37	15.95 1.04 -5.57	15.33 0.94 -5.72	16.46 1.11 -4.99	18.53 1.14 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.32 2.12 -4.98	25.48 2.06 -7.53	25.52 1.93 -8.74	23.03 1.96 -6.14	20.58 1.89 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.20 2.44 -11.00	30.15 2.96 -4.25	28.06 2.87 -3.28	26.21 2.55 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18
NYPA__ASTORIA_CC2 323569	18.33 1.19 -6.79	16.97 1.09 -6.37	15.95 1.04 -5.57	15.33 0.94 -5.72	16.46 1.11 -4.99	18.53 1.14 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.32 2.12 -4.98	25.48 2.06 -7.53	25.52 1.93 -8.74	23.03 1.96 -6.14	20.58 1.89 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.20 2.44 -11.00	30.15 2.96 -4.25	28.06 2.87 -3.28	26.21 2.55 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18
NYPA__HOLTSVILL 23794	18.63 1.50 -6.78	17.27 1.39 -6.37	16.29 1.35 -5.59	15.64 1.24 -5.74	16.78 1.43 -4.99	18.92 1.53 -7.00	22.87 1.76 -10.22	24.90 2.35 -8.07	24.37 2.57 -7.11	24.55 2.60 -5.92	26.56 2.74 -7.59	24.35 2.67 -5.80	23.96 2.51 -6.59	23.35 2.54 -5.88	22.99 2.46 -5.98	23.45 2.56 -5.62	27.59 2.71 -8.48	34.43 3.23 -12.43	33.19 3.90 -6.36	32.02 3.70 -6.41	30.84 3.31 -8.08	28.42 2.71 -9.67	25.30 2.45 -8.29	23.24 2.24 -6.54



NYPA_____HELLGATE_GT1 24158	18.39 1.25 -6.79	17.04 1.15 -6.37	16.01 1.08 -5.58	15.38 0.99 -5.73	16.52 1.16 -5.00	18.59 1.19 -7.01	21.87 1.26 -9.72	23.77 1.64 -7.64	27.00 1.85 -10.45	21.78 1.99 -3.75	23.25 2.09 -4.94	26.78 2.05 -8.84	26.93 1.92 -10.16	23.67 1.93 -6.81	20.52 1.86 -4.11	22.59 1.94 -5.39	25.71 2.07 -7.24	32.13 2.38 -10.99	30.05 2.87 -4.25	27.95 2.83 -3.22	26.11 2.51 -4.15	23.02 2.04 -4.94	22.96 1.75 -6.65	22.31 1.65 -6.20
NYPA_____HELLGATE_GT2 24159	18.39 1.25 -6.79	17.04 1.15 -6.37	16.01 1.08 -5.58	15.38 0.99 -5.73	16.52 1.16 -5.00	18.59 1.19 -7.01	21.87 1.26 -9.72	23.77 1.64 -7.64	27.00 1.85 -10.45	21.78 1.99 -3.75	23.25 2.09 -4.94	26.78 2.05 -8.84	26.93 1.92 -10.16	23.67 1.93 -6.81	20.52 1.86 -4.11	22.59 1.94 -5.39	25.71 2.07 -7.24	32.13 2.38 -10.99	30.05 2.87 -4.25	27.95 2.83 -3.22	26.11 2.51 -4.15	23.02 2.04 -4.94	22.96 1.75 -6.65	22.31 1.65 -6.20
NYS_BARGE___HYD 23848	10.86 -0.50 -1.01	10.01 -0.45 -0.94	9.72 -0.46 -0.83	9.12 -0.40 -0.85	10.64 -0.47 -0.74	11.06 -0.36 -1.04	12.18 -0.15 -1.44	15.29 -0.35 -1.15	15.06 -0.51 -0.88	15.88 -0.63 -0.47	16.48 -0.37 -0.63	16.21 -0.33 -0.65	15.29 -0.25 -0.69	15.29 -0.36 -0.71	14.76 -0.39 -0.60	15.30 -0.55 -0.58	16.57 -0.56 -0.72	19.98 -0.39 -1.61	23.06 -0.48 -0.60	21.78 -0.57 -0.44	19.72 -0.31 -0.58	16.43 -0.34 -0.72	15.28 -0.26 -0.97	15.02 -0.35 -0.91
O.H_GEN_BRUCE 24063	11.04 -0.42 -1.11	10.19 -0.37 -1.05	9.88 -0.38 -0.92	9.28 -0.33 -0.94	10.79 -0.39 -0.82	11.24 -0.30 -1.16	12.37 -0.12 -1.59	15.41 -0.35 -1.27	15.18 -0.48 -0.97	15.96 -0.59 -0.52	16.55 -0.37 -0.70	16.28 -0.33 -0.72	15.35 -0.27 -0.76	15.35 -0.37 -0.79	14.82 -0.39 -0.66	15.36 -0.55 -0.65	16.65 -0.56 -0.80	20.16 -0.39 -1.79	23.03 -0.60 -0.69	21.76 -0.64 -0.49	19.72 -0.37 -0.64	16.49 -0.35 -0.80	15.37 -0.28 -1.08	15.12 -0.35 -1.00
OAK ORCHARD___HYD 24046	10.95 -0.23 -0.83	10.07 -0.22 -0.78	9.81 -0.21 -0.69	9.17 -0.19 -0.70	10.77 -0.20 -0.61	11.17 -0.07 -0.86	12.17 0.09 -1.19	15.45 0.01 -0.95	15.20 -0.22 -0.73	16.13 -0.29 -0.39	16.63 -0.11 -0.52	16.36 -0.06 -0.54	15.42 0.00 -0.57	15.39 -0.13 -0.59	14.90 -0.15 -0.50	15.52 -0.23 -0.48	16.77 -0.23 -0.60	20.06 -0.04 -1.33	23.31 -0.14 -0.51	22.07 -0.20 -0.36	19.83 -0.10 -0.48	16.49 -0.14 -0.60	15.28 -0.09 -0.80	15.23 0.01 -0.75
OCC_CHEM___DRP 24175	10.72 -0.66 -1.03	9.88 -0.60 -0.97	9.60 -0.60 -0.85	9.02 -0.52 -0.87	10.49 -0.63 -0.76	10.90 -0.55 -1.07	12.00 -0.37 -1.48	14.97 -0.70 -1.18	14.77 -0.82 -0.90	15.55 -0.96 -0.48	16.14 -0.73 -0.65	15.87 -0.68 -0.67	14.98 -0.58 -0.70	14.98 -0.69 -0.73	14.46 -0.70 -0.61	14.99 -0.87 -0.60	16.24 -0.90 -0.74	19.63 -1.05 -1.65	22.52 -1.09 -0.64	21.26 -1.09 -0.45	19.27 -0.78 -0.59	16.10 -0.69 -0.74	15.00 -0.57 -1.00	14.73 -0.67 -0.93
OLIN_CORP_DRP 24177	10.75 -0.64 -1.04	9.91 -0.58 -0.98	9.62 -0.58 -0.86	9.02 -0.52 -0.88	10.52 -0.61 -0.77	10.93 -0.53 -1.08	12.05 -0.34 -1.49	15.05 -0.62 -1.19	14.83 -0.76 -0.91	15.62 -0.90 -0.48	16.21 -0.67 -0.65	15.94 -0.62 -0.68	15.04 -0.52 -0.71	15.05 -0.63 -0.74	14.51 -0.65 -0.62	15.04 -0.82 -0.60	16.30 -0.85 -0.75	19.66 -0.77 -1.67	22.58 -0.94 -0.59	21.38 -0.99 -0.45	19.37 -0.68 -0.60	16.17 -0.63 -0.75	15.06 -0.51 -1.01	14.79 -0.61 -0.94
OLIN_CORP_DSASP 323712	10.72 -0.66 -1.03	9.88 -0.60 -0.97	9.60 -0.60 -0.85	9.02 -0.52 -0.87	10.49 -0.63 -0.76	10.90 -0.55 -1.07	12.00 -0.37 -1.48	14.97 -0.70 -1.18	14.77 -0.82 -0.90	15.55 -0.96 -0.48	16.14 -0.73 -0.65	15.87 -0.68 -0.67	14.98 -0.58 -0.70	14.98 -0.69 -0.73	14.46 -0.70 -0.61	14.99 -0.87 -0.60	16.24 -0.90 -0.74	19.63 -1.05 -1.65	22.52 -1.09 -0.64	21.26 -1.09 -0.45	19.27 -0.78 -0.59	16.10 -0.69 -0.74	15.00 -0.57 -1.00	14.73 -0.67 -0.93
ONEIDA_HERK_LFGE 323681	10.39 0.04 0.00	9.54 0.03 0.00	9.37 0.03 0.00	8.69 0.03 0.00	10.41 0.05 0.00	10.41 0.02 0.00	11.03 0.14 0.00	14.66 0.17 0.00	14.90 0.21 0.00	16.50 0.47 0.00	16.62 0.41 0.01	16.30 0.41 0.00	15.12 0.27 0.00	15.26 0.33 0.00	14.68 0.13 0.00	15.40 0.14 0.00	16.50 0.10 0.00	19.03 0.26 0.00	23.40 0.46 0.00	22.32 0.42 0.00	19.76 0.31 0.00	16.27 0.22 0.00	14.75 0.19 0.00	14.62 0.16 0.00
ONONDAGA_REF_OCCRA 23987	11.10 0.01 -0.74	10.22 0.01 -0.69	9.95 0.00 -0.61	9.29 0.00 -0.62	10.92 0.02 -0.54	11.20 0.05 -0.76	12.10 0.15 -1.06	15.57 0.22 -0.87	15.52 0.16 -0.66	16.56 0.18 -0.35	16.98 0.28 -0.48	16.63 0.25 -0.49	15.61 0.24 -0.52	15.68 0.21 -0.54	15.18 0.18 -0.45	15.87 0.17 -0.44	17.12 0.18 -0.54	20.26 0.32 -1.17	23.80 0.41 -0.45	22.60 0.37 -0.32	20.20 0.33 -0.42	16.81 0.24 -0.53	15.48 0.20 -0.71	15.30 0.17 -0.66
ONONDAGA___COGEN 23986	11.01 -0.02 -0.68	10.13 -0.02 -0.64	9.88 -0.03 -0.56	9.21 -0.03 -0.58	10.85 -0.01 -0.50	11.11 0.02 -0.71	11.98 0.11 -0.98	15.44 0.16 -0.79	15.40 0.10 -0.61	16.47 0.11 -0.32	16.87 0.21 -0.44	16.51 0.18 -0.45	15.51 0.18 -0.47	15.58 0.15 -0.49	15.08 0.12 -0.41	15.77 0.11 -0.40	17.00 0.10 -0.49	20.08 0.23 -1.09	23.63 0.28 -0.42	22.47 0.26 -0.30	20.08 0.23 -0.39	16.71 0.18 -0.49	15.37 0.15 -0.66	15.21 0.13 -0.61
ONTARIO___LFGE 23819	11.37 0.04 -0.98	10.48 0.04 -0.92	10.18 0.02 -0.82	9.53 0.03 -0.83	11.16 0.07 -0.73	11.57 0.17 -1.02	12.65 0.35 -1.41	16.08 0.46 -1.13	15.91 0.35 -0.86	16.84 0.35 -0.46	17.40 0.55 -0.62	17.04 0.51 -0.64	16.02 0.49 -0.67	16.04 0.40 -0.70	15.48 0.35 -0.59	16.16 0.32 -0.57	17.47 0.36 -0.71	20.96 0.62 -1.58	24.30 0.76 -0.61	23.02 0.68 -0.43	20.64 0.62 -0.57	17.20 0.45 -0.71	15.88 0.36 -0.95	15.73 0.38 -0.89
ORANGEVILLE_WT_PWR 323706	11.41 -0.19 -1.25	10.53 -0.16 -1.17	10.20 -0.18 -1.04	9.57 -0.15 -1.06	11.12 -0.17 -0.92	11.61 -0.07 -1.30	12.84 0.15 -1.80	16.03 0.12 -1.43	15.81 0.03 -1.09	16.58 -0.03 -0.58	17.23 0.23 -0.79	16.92 0.22 -0.81	15.94 0.24 -0.85	15.97 0.15 -0.89	15.38 0.09 -0.74	15.96 -0.03 -0.72	17.30 0.00 -0.90	21.01 0.24 -2.00	24.05 0.32 -0.79	22.67 0.22 -0.55	20.50 0.33 -0.72	17.15 0.21 -0.90	15.96 0.19 -1.21	15.65 0.06 -1.13
OSWEGATCHIE___HYD 24044	9.83 -0.52 0.00	9.03 -0.48 0.00	8.86 -0.48 0.00	8.22 -0.44 0.00	9.83 -0.53 0.00	9.79 -0.59 0.00	10.26 -0.63 0.00	13.49 -1.00 0.00	13.69 -1.00 0.00	15.10 -0.93 0.00	15.18 -1.01 0.04	14.92 -0.97 0.00	13.87 -0.98 0.00	14.02 -0.91 0.00	13.54 -1.00 0.00	14.21 -1.05 0.00	15.21 -1.20 0.00	17.45 -1.31 0.00	21.51 -1.42 0.00	20.53 -1.38 0.00	18.15 -1.30 0.00	15.08 -0.96 0.00	13.73 -0.83 0.00	13.64 -0.82 0.00
OSWEGO___5 23606	10.66 -0.19 -0.49	9.81 -0.17 -0.46	9.57 -0.18 -0.41	8.92 -0.16 -0.42	10.55 -0.18 -0.36	10.74 -0.16 -0.51	11.49 -0.11 -0.71	14.91 -0.14 -0.57	14.94 -0.19 -0.43	16.04 -0.22 -0.23	16.37 -0.16 -0.31	16.05 -0.16 -0.32	15.05 -0.15 -0.34	15.12 -0.16 -0.35	14.67 -0.17 -0.30	15.34 -0.21 -0.29	16.53 -0.23 -0.36	19.35 -0.21 -0.79	22.99 -0.25 -0.31	21.88 -0.24 -0.22	19.52 -0.21 -0.28	16.22 -0.18 -0.35	14.88 -0.16 -0.48	14.75 -0.16 -0.44



OSWEGO___6 23613	10.66 -0.19 -0.49	9.81 -0.17 -0.46	9.57 -0.18 -0.41	8.92 -0.16 -0.42	10.55 -0.18 -0.36	10.74 -0.16 -0.51	11.49 -0.11 -0.71	14.91 -0.14 -0.57	14.94 -0.19 -0.43	16.04 -0.22 -0.23	16.37 -0.16 -0.31	16.05 -0.16 -0.32	15.05 -0.15 -0.34	15.12 -0.16 -0.35	14.67 -0.17 -0.30	15.34 -0.21 -0.29	16.53 -0.23 -0.36	19.35 -0.21 -0.79	22.99 -0.25 -0.31	21.88 -0.24 -0.22	19.52 -0.21 -0.28	16.22 -0.18 -0.35	14.88 -0.16 -0.48	14.75 -0.16 -0.44
OUTOKUMPU-AB___DRP 24206	11.04 -0.36 -1.05	10.18 -0.32 -0.99	9.87 -0.34 -0.87	9.27 -0.29 -0.89	10.80 -0.33 -0.77	11.22 -0.25 -1.09	12.39 -0.01 -1.51	15.56 -0.13 -1.20	15.36 -0.25 -0.91	16.20 -0.32 -0.49	16.83 -0.05 -0.66	16.54 -0.03 -0.68	15.60 0.03 -0.72	15.60 -0.07 -0.75	15.04 -0.13 -0.63	15.60 -0.27 -0.61	16.89 -0.26 -0.75	20.45 0.00 -1.68	23.61 0.02 -0.65	22.28 -0.09 -0.46	20.15 0.10 -0.60	16.81 0.02 -0.76	15.62 0.04 -1.02	15.28 -0.13 -0.95
OXBOW___ 24026	10.89 -0.50 -1.04	10.05 -0.44 -0.98	9.75 -0.45 -0.86	9.15 -0.39 -0.88	10.66 -0.47 -0.77	11.08 -0.38 -1.08	12.22 -0.16 -1.50	15.32 -0.36 -1.19	15.12 -0.48 -0.91	15.92 -0.59 -0.48	16.54 -0.34 -0.65	16.26 -0.30 -0.68	15.34 -0.22 -0.71	15.34 -0.33 -0.74	14.80 -0.36 -0.62	15.35 -0.52 -0.60	16.62 -0.53 -0.75	20.11 -0.32 -1.67	23.17 -0.41 -0.64	21.86 -0.50 -0.45	19.78 -0.27 -0.60	16.52 -0.27 -0.75	15.35 -0.22 -1.01	15.04 -0.36 -0.94
OXY_CHEM_DSASP 323612	10.72 -0.66 -1.03	9.88 -0.60 -0.97	9.60 -0.60 -0.85	9.02 -0.52 -0.87	10.49 -0.63 -0.76	10.90 -0.55 -1.07	12.00 -0.37 -1.48	14.97 -0.70 -1.18	14.77 -0.82 -0.90	15.55 -0.96 -0.48	16.14 -0.73 -0.65	15.87 -0.68 -0.67	14.98 -0.58 -0.70	14.98 -0.69 -0.73	14.46 -0.70 -0.61	14.99 -0.87 -0.60	16.24 -0.90 -0.74	19.63 -0.79 -1.65	22.52 -1.05 -0.64	21.26 -1.09 -0.45	19.27 -0.78 -0.59	16.10 -0.69 -0.74	15.00 -0.57 -1.00	14.73 -0.67 -0.93
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	10.72 -0.66 -1.03	9.88 -0.60 -0.97	9.60 -0.60 -0.85	9.02 -0.52 -0.87	10.49 -0.63 -0.76	10.90 -0.55 -1.07	12.00 -0.37 -1.48	14.97 -0.70 -1.18	14.77 -0.82 -0.90	15.55 -0.96 -0.48	16.14 -0.73 -0.65	15.87 -0.68 -0.67	14.98 -0.58 -0.70	14.98 -0.69 -0.73	14.46 -0.70 -0.61	14.99 -0.87 -0.60	16.24 -0.90 -0.74	19.63 -0.79 -1.65	22.52 -1.05 -0.64	21.26 -1.09 -0.45	19.27 -0.78 -0.59	16.10 -0.69 -0.74	15.00 -0.57 -1.00	14.73 -0.67 -0.93
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.35 1.21 -6.79	17.01 1.12 -6.37	15.99 1.06 -5.58	15.37 0.98 -5.73	16.50 1.14 -5.00	18.57 1.17 -7.01	21.84 1.23 -9.72	23.74 1.61 -7.64	22.41 1.79 -5.92	21.24 1.91 -3.30	23.17 2.01 -4.94	22.93 1.97 -5.07	22.76 1.84 -6.06	21.62 1.85 -4.83	20.44 1.79 -4.11	21.11 1.86 -3.98	24.14 1.98 -5.75	32.08 2.33 -10.99	30.01 2.82 -4.25	27.86 2.74 -3.22	26.03 2.43 -4.15	22.97 1.99 -4.94	22.90 1.69 -6.65	22.22 1.58 -6.18
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.38 1.24 -6.79	17.04 1.15 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.53 1.17 -5.00	18.60 1.20 -7.01	21.87 1.26 -9.72	23.80 1.67 -7.64	22.45 1.84 -5.92	21.31 1.97 -3.30	23.25 2.09 -4.94	23.01 2.05 -5.07	22.83 1.92 -6.06	21.69 1.93 -4.83	20.50 1.85 -4.11	21.17 1.92 -3.98	24.22 2.07 -5.75	32.19 2.44 -10.99	30.12 2.94 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.06 2.07 -4.94	22.98 1.76 -6.65	22.28 1.63 -6.18
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	11.45 -0.04 -1.14	10.58 -0.01 -1.07	10.25 -0.04 -0.95	9.61 -0.02 -0.97	11.20 0.00 -0.85	11.65 0.08 -1.19	12.87 0.34 -1.64	16.19 0.39 -1.31	15.98 0.29 -1.00	16.82 0.26 -0.53	17.48 0.53 -0.72	17.17 0.54 -0.74	16.19 0.55 -0.78	16.19 0.45 -0.81	15.59 0.36 -0.68	16.17 0.24 -0.66	17.52 0.30 -0.82	21.26 0.66 -1.83	24.62 0.85 -0.84	23.11 0.70 -0.50	20.93 0.82 -0.66	17.44 0.58 -0.82	16.20 0.52 -1.11	15.83 0.33 -1.03
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.37 1.06 -6.97	17.03 0.97 -6.54	16.03 0.92 -5.76	15.44 0.86 -5.92	16.50 0.98 -5.16	18.63 1.01 -7.24	22.09 1.17 -10.03	23.91 1.53 -7.89	22.49 1.79 -6.01	21.12 1.89 -3.19	22.61 1.99 -4.39	22.36 1.94 -4.54	21.48 1.81 -4.82	21.67 1.84 -4.90	20.43 1.77 -4.11	21.08 1.82 -4.00	23.46 1.97 -5.09	32.46 2.40 -11.29	30.19 2.89 -4.36	27.81 2.83 -3.08	26.00 2.49 -4.06	23.15 2.04 -5.07	23.08 1.69 -6.83	22.29 1.48 -6.35
PEEKSKILL___ 23653	17.84 0.86 -6.63	16.53 0.79 -6.22	15.68 0.81 -5.53	15.07 0.75 -5.67	16.16 0.86 -4.94	18.21 0.89 -6.93	21.54 1.04 -9.61	23.42 1.38 -7.56	22.04 1.59 -5.76	20.78 1.68 -3.06	21.97 1.78 -3.97	21.72 1.73 -4.10	20.54 1.62 -4.07	21.27 1.64 -4.69	20.06 1.57 -3.94	20.73 1.63 -3.84	22.75 1.74 -4.61	31.68 2.05 -10.87	29.61 2.48 -4.20	27.28 2.41 -2.96	25.52 2.16 -3.91	22.68 1.75 -4.88	22.60 1.46 -6.58	21.86 1.29 -6.11
PGE MADISON___WINDPWR 24146	13.15 0.68 -2.12	12.10 0.60 -1.99	11.68 0.58 -1.76	11.01 0.55 -1.80	12.63 0.70 -1.57	13.27 0.69 -2.20	14.97 1.04 -3.05	18.32 1.42 -2.41	17.96 1.42 -1.84	18.78 1.76 -0.98	19.37 1.82 -1.33	19.01 1.75 -1.37	17.81 1.52 -1.44	17.97 1.54 -1.50	17.10 1.29 -1.26	17.83 1.34 -1.22	19.33 1.41 -1.52	24.09 1.93 -3.39	26.95 2.71 -1.31	25.35 2.52 -0.92	22.79 2.12 -1.22	19.17 1.60 -1.52	18.01 1.40 -2.05	17.67 1.30 -1.91
PIERCEFIELD___HYD 23852	9.75 -0.60 0.00	8.95 -0.56 0.00	8.81 -0.53 0.00	8.16 -0.50 0.00	9.72 -0.64 0.00	9.67 -0.72 0.00	9.99 -0.90 0.00	13.03 -1.46 0.00	13.21 -1.48 0.00	14.51 -1.52 0.00	14.53 -1.64 0.06	14.30 -1.59 0.00	13.32 -1.53 0.00	13.50 -1.43 0.00	13.09 -1.45 0.00	13.75 -1.51 0.00	14.73 -1.67 0.00	16.78 -1.99 0.00	20.64 -2.29 0.00	19.70 -2.21 0.00	17.43 -2.02 0.00	14.63 -1.41 0.00	13.38 -1.18 0.00	13.34 -1.13 0.00
PINELAWN_CC_1 323563	18.52 1.39 -6.78	17.17 1.29 -6.37	16.20 1.27 -5.59	15.56 1.15 -5.74	16.69 1.34 -4.99	18.79 1.40 -7.00	23.55 1.62 -11.03	25.41 2.16 -8.76	24.87 2.38 -7.80	25.20 2.40 -6.76	26.87 2.55 -8.10	24.88 2.49 -6.50	24.45 2.35 -7.25	23.86 2.36 -6.57	23.51 2.28 -6.68	23.93 2.38 -6.29	28.00 2.54 -9.06	34.45 2.98 -12.70	33.89 3.65 -7.30	32.49 3.48 -7.09	31.04 3.11 -8.48	28.77 2.53 -10.19	25.63 2.26 -8.81	23.65 2.07 -7.12
PJM_GEN_HTP_PROXY 323702	18.26 1.13 -6.79	16.91 1.03 -6.37	15.89 0.98 -5.57	15.28 0.89 -5.72	16.39 1.05 -4.99	18.48 1.09 -7.01	21.84 1.24 -9.71	23.78 1.65 -7.64	24.26 1.88 -7.68	24.90 2.00 -6.86	23.25 2.11 -4.92	24.48 2.05 -6.54	24.45 1.93 -7.66	22.47 1.94 -5.59	20.49 1.86 -4.08	21.72 1.94 -4.51	24.78 2.07 -6.32	32.18 2.42 -10.99	30.10 2.91 -4.25	27.92 2.85 -3.17	26.08 2.53 -4.11	23.04 2.05 -4.95	22.94 1.73 -6.65	22.19 1.55 -6.18
PJM_GEN_KEystone 24065	14.25 0.28 -3.62	13.19 0.28 -3.40	12.62 0.27 -3.01	12.00 0.25 -3.09	13.34 0.29 -2.69	14.53 0.36 -3.79	16.65 0.52 -5.24	19.23 0.61 -4.13	18.63 0.62 -3.32	18.68 0.62 -2.02	19.28 0.78 -2.28	19.14 0.76 -2.50	18.21 0.73 -2.62	18.26 0.69 -2.64	17.35 0.64 -2.16	18.01 0.59 -2.16	19.76 0.66 -2.70	25.58 0.90 -5.91	26.29 1.06 -2.30	24.52 0.99 -1.63	22.58 0.99 -2.14	19.49 0.79 -2.66	18.80 0.66 -3.58	18.34 0.55 -3.33



PJM_GEN_NEPTUNE_PROXY 323594	18.37 1.24 -6.78	17.03 1.15 -6.37	16.08 1.15 -5.59	15.44 1.04 -5.74	16.54 1.19 -4.99	18.63 1.24 -7.01	21.93 1.43 -9.61	23.69 1.88 -7.32	22.84 2.10 -6.05	22.06 2.10 -3.93	24.86 2.25 -6.39	23.52 2.19 -5.44	23.20 2.08 -6.26	22.55 2.09 -5.53	21.92 2.02 -5.35	22.34 2.11 -4.97	25.74 2.21 -7.12	33.64 2.57 -12.30	31.96 3.14 -5.88	31.00 3.02 -6.06	29.29 2.70 -7.13	26.66 2.20 -8.42	23.20 1.98 -6.65	22.17 1.79 -5.91
PJM_GEN_VFT_PROXY 323633	18.27 1.14 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.29 0.90 -5.72	16.41 1.06 -4.99	18.49 1.10 -7.01	21.86 1.26 -9.71	23.77 1.64 -7.64	24.87 1.87 -8.31	26.14 1.99 -8.12	23.25 2.08 -4.95	24.98 2.03 -7.06	24.98 1.90 -8.22	22.72 1.91 -5.88	20.51 1.85 -4.11	21.91 1.92 -4.73	24.98 2.03 -6.54	32.12 2.36 -10.99	30.03 2.84 -4.25	27.94 2.81 -3.23	26.14 2.53 -4.16	23.03 2.04 -4.95	22.93 1.72 -6.65	22.18 1.53 -6.18
PLEASANTVLY___LBMP 24000	18.39 0.92 -7.12	17.03 0.84 -6.68	16.03 0.80 -5.88	15.39 0.75 -5.98	16.44 0.87 -5.21	18.60 0.90 -7.31	22.06 1.02 -10.14	23.82 1.36 -7.97	22.31 1.54 -6.07	20.92 1.65 -3.23	22.37 1.74 -4.41	22.15 1.70 -4.56	21.25 1.59 -4.81	21.48 1.60 -4.95	20.24 1.54 -4.15	20.91 1.60 -4.05	23.20 1.69 -5.11	32.16 1.99 -11.41	29.75 2.41 -4.41	27.34 2.32 -3.11	25.63 2.08 -4.10	22.87 1.70 -5.13	22.90 1.43 -6.90	22.16 1.27 -6.42
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.17 1.02 -6.80	16.84 0.94 -6.38	15.84 0.90 -5.60	15.25 0.82 -5.76	16.33 0.95 -5.02	18.42 0.99 -7.05	21.80 1.13 -9.78	23.68 1.51 -7.69	22.27 1.72 -5.85	20.98 1.83 -3.11	22.81 1.93 -4.66	22.58 1.87 -4.82	22.20 1.77 -5.57	21.48 1.78 -4.77	20.27 1.72 -4.00	20.94 1.77 -3.90	23.73 1.89 -5.45	32.04 2.21 -11.06	29.89 2.68 -4.27	27.53 2.61 -3.01	25.76 2.33 -3.97	22.90 1.89 -4.97	22.84 1.59 -6.69	22.10 1.42 -6.22
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.62 0.98 -7.29	17.25 0.89 -6.84	16.23 0.86 -6.03	15.63 0.80 -6.17	16.67 0.93 -5.38	18.90 0.97 -7.54	22.45 1.10 -10.46	24.16 1.45 -8.23	22.60 1.65 -6.26	21.11 1.75 -3.33	22.61 1.83 -4.56	22.38 1.78 -4.71	21.50 1.66 -4.98	21.74 1.70 -5.11	20.48 1.64 -4.29	21.15 1.71 -4.18	23.49 1.84 -5.25	32.66 2.19 -11.70	30.12 2.66 -4.52	27.68 2.58 -3.19	25.95 2.29 -4.21	23.18 1.88 -5.26	23.22 1.57 -7.08	22.44 1.39 -6.58
POLETTI____ 23519	18.26 1.13 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.30 0.91 -5.72	16.41 1.06 -4.99	18.49 1.10 -7.00	21.85 1.24 -9.72	23.77 1.64 -7.64	24.86 1.87 -8.30	26.14 1.99 -8.11	23.25 2.08 -4.95	24.98 2.03 -7.06	24.98 1.90 -8.22	22.72 1.91 -5.88	20.51 1.85 -4.11	21.91 1.92 -4.73	24.98 2.03 -6.54	32.14 2.38 -10.99	30.08 2.89 -4.25	27.96 2.83 -3.23	26.12 2.51 -4.16	23.03 2.04 -4.95	22.95 1.73 -6.65	22.21 1.56 -6.18
PORT_JEFF_3 23555	18.65 1.52 -6.78	17.29 1.41 -6.37	16.31 1.38 -5.59	15.66 1.26 -5.74	16.81 1.46 -4.99	18.94 1.55 -7.00	22.90 1.79 -10.23	24.95 2.39 -8.08	24.42 2.62 -7.11	24.61 2.65 -5.93	26.61 2.79 -7.60	24.39 2.70 -5.80	23.99 2.54 -6.60	23.40 2.58 -5.89	23.04 2.50 -5.99	23.50 2.61 -5.62	27.64 2.75 -8.49	34.49 3.28 -12.44	33.27 3.97 -6.37	32.11 3.79 -6.41	30.90 3.37 -8.08	28.47 2.76 -9.67	25.35 2.49 -8.30	23.29 2.28 -6.54
PORT_JEFF_4 23616	18.65 1.52 -6.78	17.29 1.41 -6.37	16.31 1.38 -5.59	15.66 1.26 -5.74	16.81 1.46 -4.99	18.94 1.55 -7.00	22.90 1.79 -10.23	24.95 2.39 -8.08	24.42 2.62 -7.11	24.61 2.65 -5.93	26.61 2.79 -7.60	24.39 2.70 -5.80	23.99 2.54 -6.60	23.40 2.58 -5.89	23.04 2.50 -5.99	23.50 2.61 -5.62	27.64 2.75 -8.49	34.49 3.28 -12.44	33.27 3.97 -6.37	32.11 3.79 -6.41	30.90 3.37 -8.08	28.47 2.76 -9.67	25.35 2.49 -8.30	23.29 2.28 -6.54
PORT_JEFF_IC 23713	18.68 1.55 -6.78	17.32 1.44 -6.37	16.33 1.40 -5.59	15.68 1.27 -5.74	16.83 1.48 -4.99	18.97 1.58 -7.00	22.96 1.82 -10.25	25.02 2.43 -8.10	24.48 2.66 -7.13	24.67 2.69 -5.95	26.67 2.84 -7.61	24.46 2.75 -5.82	24.07 2.60 -6.62	23.47 2.63 -5.90	23.10 2.55 -6.01	23.56 2.66 -5.64	27.73 2.82 -8.50	34.57 3.36 -12.44	33.39 4.06 -6.39	32.22 3.88 -6.43	30.99 3.44 -8.09	28.55 2.82 -9.68	25.42 2.55 -8.31	23.35 2.33 -6.56
PPL PILGRIM_ST_GT1 24216	18.63 1.50 -6.78	17.27 1.39 -6.37	16.30 1.36 -5.59	15.64 1.24 -5.74	16.79 1.44 -4.99	18.92 1.53 -7.00	22.99 1.76 -10.34	25.00 2.35 -8.17	24.47 2.57 -7.20	24.66 2.60 -6.03	26.64 2.76 -7.66	24.47 2.69 -5.90	24.07 2.53 -6.69	23.47 2.55 -5.98	23.10 2.47 -6.08	23.56 2.58 -5.71	27.69 2.72 -8.56	34.49 3.25 -12.47	33.35 3.92 -6.49	32.16 3.75 -6.51	30.91 3.33 -8.13	28.51 2.73 -9.74	25.37 2.45 -8.36	23.33 2.24 -6.62
PPL PILGRIM_ST_GT2 24217	18.63 1.50 -6.78	17.27 1.39 -6.37	16.30 1.36 -5.59	15.64 1.24 -5.74	16.79 1.44 -4.99	18.92 1.53 -7.00	22.99 1.76 -10.34	25.00 2.35 -8.17	24.47 2.57 -7.20	24.66 2.60 -6.03	26.64 2.76 -7.66	24.47 2.69 -5.90	24.07 2.53 -6.69	23.47 2.55 -5.98	23.10 2.47 -6.08	23.56 2.58 -5.71	27.69 2.72 -8.56	34.49 3.25 -12.47	33.35 3.92 -6.49	32.16 3.75 -6.51	30.91 3.33 -8.13	28.51 2.73 -9.74	25.37 2.45 -8.36	23.33 2.24 -6.62
PPL_SHRM_GT3 24213	18.70 1.57 -6.78	17.34 1.46 -6.37	16.35 1.42 -5.59	15.70 1.30 -5.74	16.86 1.51 -4.99	19.00 1.61 -7.00	22.99 1.86 -10.24	25.06 2.49 -8.08	24.53 2.72 -7.12	24.71 2.74 -5.93	26.70 2.87 -7.60	24.48 2.78 -5.81	24.08 2.62 -6.61	23.49 2.66 -5.89	23.12 2.58 -6.00	23.58 2.69 -5.63	27.75 2.85 -8.49	34.64 3.43 -12.44	33.47 4.15 -6.38	32.27 3.94 -6.42	31.04 3.50 -8.09	28.59 2.87 -9.68	25.46 2.59 -8.30	23.40 2.39 -6.55
PPL_SHRM_GT4 24214	18.70 1.57 -6.78	17.34 1.46 -6.37	16.35 1.42 -5.59	15.70 1.30 -5.74	16.86 1.51 -4.99	19.00 1.61 -7.00	22.99 1.86 -10.24	25.06 2.49 -8.08	24.53 2.72 -7.12	24.71 2.74 -5.93	26.70 2.87 -7.60	24.48 2.78 -5.81	24.08 2.62 -6.61	23.49 2.66 -5.89	23.12 2.58 -6.00	23.58 2.69 -5.63	27.75 2.85 -8.49	34.64 3.43 -12.44	33.47 4.15 -6.38	32.27 3.94 -6.42	31.04 3.50 -8.09	28.59 2.87 -9.68	25.46 2.59 -8.30	23.40 2.39 -6.55
PROJECT___ORANGE 1 24174	10.90 -0.04 -0.59	10.02 -0.05 -0.56	9.78 -0.06 -0.49	9.12 -0.04 -0.50	10.76 -0.04 -0.44	11.00 0.00 -0.62	11.83 0.09 -0.85	15.33 0.13 -0.72	15.31 0.07 -0.54	16.41 0.08 -0.29	16.78 0.16 -0.39	16.44 0.14 -0.41	15.41 0.13 -0.43	15.48 0.11 -0.44	15.01 0.09 -0.37	15.69 0.06 -0.36	16.91 0.07 -0.44	19.91 0.19 -0.96	23.54 0.23 -0.37	22.37 0.20 -0.26	19.97 0.17 -0.34	16.60 0.13 -0.43	15.25 0.10 -0.58	15.09 0.09 -0.54
PROJECT___ORANGE 2 24166	10.90 -0.04 -0.59	10.02 -0.05 -0.56	9.78 -0.06 -0.49	9.12 -0.04 -0.50	10.76 -0.04 -0.44	11.00 0.00 -0.62	11.83 0.09 -0.85	15.33 0.13 -0.72	15.31 0.07 -0.54	16.41 0.08 -0.29	16.78 0.16 -0.39	16.44 0.14 -0.41	15.41 0.13 -0.43	15.48 0.11 -0.44	15.01 0.09 -0.37	15.69 0.06 -0.36	16.91 0.07 -0.44	19.91 0.19 -0.96	23.54 0.23 -0.37	22.37 0.20 -0.26	19.97 0.17 -0.34	16.60 0.13 -0.43	15.25 0.10 -0.58	15.09 0.09 -0.54



PYRITES___HYD 24023	9.82 -0.53 0.00	9.02 -0.50 0.00	8.87 -0.47 0.00	8.22 -0.44 0.00	9.80 -0.56 0.00	9.73 -0.65 0.00	10.09 -0.81 0.00	13.23 -1.26 0.00	13.42 -1.28 0.00	14.75 -1.28 0.00	14.75 -1.41 0.06	14.52 -1.37 0.00	13.52 -1.34 0.00	13.71 -1.22 0.00	13.28 -1.27 0.00	13.95 -1.31 0.00	14.93 -1.48 0.00	17.02 -1.74 0.00	20.96 -1.97 0.00	20.02 -1.88 0.00	17.70 -1.75 0.00	14.79 -1.25 0.00	13.49 -1.08 0.00	13.44 -1.03 0.00
RAMAPO___LBMP 323565	17.59 0.82 -6.42	16.29 0.75 -6.03	15.47 0.77 -5.36	14.88 0.71 -5.50	15.98 0.83 -4.80	17.98 0.86 -6.73	21.22 0.99 -9.34	23.15 1.32 -7.34	21.80 1.51 -5.59	20.61 1.60 -2.97	21.83 1.69 -3.92	21.59 1.65 -4.05	20.51 1.54 -4.11	21.05 1.55 -4.56	19.87 1.50 -3.82	20.55 1.56 -3.73	22.61 1.64 -4.57	31.29 1.95 -10.57	29.38 2.36 -4.09	27.09 2.30 -2.88	25.29 2.04 -3.80	22.46 1.67 -4.75	22.34 1.38 -6.40	21.63 1.22 -5.95
RANKINE____ 23646	11.26 -0.21 -1.12	10.39 -0.17 -1.05	10.08 -0.19 -0.92	9.45 -0.16 -0.94	11.01 -0.18 -0.82	11.46 -0.08 -1.16	12.66 0.16 -1.60	15.89 0.13 -1.27	15.68 0.01 -0.97	16.52 -0.03 -0.52	17.17 0.24 -0.70	16.86 0.25 -0.73	15.90 0.28 -0.76	15.92 0.19 -0.79	15.34 0.13 -0.66	15.90 -0.02 -0.65	17.22 0.02 -0.80	20.87 0.32 -1.79	24.11 0.43 -0.73	22.70 0.31 -0.49	20.54 0.45 -0.64	17.13 0.29 -0.80	15.92 0.28 -1.08	15.57 0.10 -1.00
RAVENSWOOD_GT2_1 24244	18.28 1.14 -6.79	16.91 1.03 -6.37	15.89 0.98 -5.57	15.29 0.90 -5.72	16.39 1.05 -4.99	18.48 1.09 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.44 1.87 -8.87	27.29 1.99 -9.26	23.29 2.09 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.00 1.93 -6.14	20.56 1.86 -4.15	22.11 1.92 -4.92	25.20 2.05 -6.75	32.17 2.40 -11.00	30.10 2.91 -4.25	28.02 2.83 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.95 1.73 -6.65	22.21 1.56 -6.18
RAVENSWOOD_GT2_2 24245	18.28 1.14 -6.79	16.91 1.03 -6.37	15.89 0.98 -5.57	15.29 0.90 -5.72	16.39 1.05 -4.99	18.48 1.09 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.44 1.87 -8.87	27.29 1.99 -9.26	23.29 2.09 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.00 1.93 -6.14	20.56 1.86 -4.15	22.11 1.92 -4.92	25.20 2.05 -6.75	32.17 2.40 -11.00	30.10 2.91 -4.25	28.02 2.83 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.95 1.73 -6.65	22.21 1.56 -6.18
RAVENSWOOD_GT2_3 24246	18.28 1.14 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.29 0.90 -5.72	16.41 1.06 -4.99	18.48 1.09 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.52 1.93 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.22 2.07 -6.75	32.18 2.42 -11.00	30.10 2.91 -4.25	28.03 2.85 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
RAVENSWOOD_GT2_4 24247	18.28 1.14 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.29 0.90 -5.72	16.41 1.06 -4.99	18.48 1.09 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.52 1.93 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.22 2.07 -6.75	32.18 2.42 -11.00	30.10 2.91 -4.25	28.03 2.85 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
RAVENSWOOD_GT3_1 24248	18.28 1.14 -6.79	16.92 1.04 -6.37	15.89 0.98 -5.57	15.29 0.90 -5.72	16.41 1.06 -4.99	18.48 1.09 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.44 1.87 -8.87	27.30 2.00 -9.26	23.29 2.09 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.00 1.93 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.20 2.05 -6.75	32.17 2.40 -11.00	30.10 2.91 -4.25	28.03 2.85 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.95 1.73 -6.65	22.21 1.56 -6.18
RAVENSWOOD_GT3_2 24249	18.28 1.14 -6.79	16.92 1.04 -6.37	15.89 0.98 -5.57	15.29 0.90 -5.72	16.41 1.06 -4.99	18.48 1.09 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.44 1.87 -8.87	27.30 2.00 -9.26	23.29 2.09 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.00 1.93 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.20 2.05 -6.75	32.17 2.40 -11.00	30.10 2.91 -4.25	28.03 2.85 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.95 1.73 -6.65	22.21 1.56 -6.18
RAVENSWOOD_GT3_3 24250	18.29 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.49 1.10 -7.00	21.86 1.25 -9.72	23.80 1.67 -7.64	25.47 1.90 -8.87	27.32 2.02 -9.26	23.32 2.12 -4.98	25.48 2.06 -7.53	25.54 1.95 -8.74	23.03 1.96 -6.14	20.57 1.88 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.20 2.44 -11.00	30.12 2.94 -4.25	28.06 2.87 -3.28	26.23 2.57 -4.21	23.08 2.08 -4.95	22.98 1.76 -6.65	22.22 1.58 -6.18
RAVENSWOOD_GT3_4 24251	18.29 1.15 -6.79	16.93 1.05 -6.37	15.91 1.00 -5.57	15.30 0.91 -5.72	16.42 1.07 -4.99	18.49 1.10 -7.00	21.86 1.25 -9.72	23.80 1.67 -7.64	25.47 1.90 -8.87	27.32 2.02 -9.26	23.32 2.12 -4.98	25.48 2.06 -7.53	25.54 1.95 -8.74	23.03 1.96 -6.14	20.57 1.88 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.20 2.44 -11.00	30.12 2.94 -4.25	28.06 2.87 -3.28	26.23 2.57 -4.21	23.08 2.08 -4.95	22.98 1.76 -6.65	22.22 1.58 -6.18
RAVENSWOOD_GT_1 23729	18.34 1.20 -6.79	16.97 1.09 -6.37	15.95 1.04 -5.57	15.33 0.94 -5.72	16.46 1.11 -4.99	18.53 1.14 -7.00	21.88 1.27 -9.72	23.82 1.69 -7.64	25.47 1.90 -8.87	27.34 2.04 -9.26	23.34 2.14 -4.98	25.50 2.08 -7.53	25.55 1.96 -8.74	23.04 1.97 -6.14	20.60 1.91 -4.15	22.16 1.97 -4.92	25.25 2.10 -6.75	32.24 2.48 -11.00	30.17 2.98 -4.25	28.08 2.89 -3.28	26.23 2.57 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.28 1.63 -6.18
RAVENSWOOD_GT_10 24258	18.27 1.13 -6.79	16.91 1.03 -6.37	15.89 0.98 -5.57	15.29 0.90 -5.72	16.39 1.05 -4.99	18.48 1.09 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.44 1.87 -8.87	27.30 2.00 -9.26	23.29 2.09 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.00 1.93 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.20 2.05 -6.75	32.17 2.40 -11.00	30.10 2.91 -4.25	28.02 2.83 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.95 1.73 -6.65	22.21 1.56 -6.18
RAVENSWOOD_GT_11 24259	18.27 1.13 -6.79	16.91 1.03 -6.37	15.89 0.98 -5.57	15.29 0.90 -5.72	16.39 1.05 -4.99	18.48 1.09 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.44 1.87 -8.87	27.30 2.00 -9.26	23.29 2.09 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.00 1.93 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.20 2.05 -6.75	32.17 2.40 -11.00	30.10 2.91 -4.25	28.02 2.83 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.95 1.73 -6.65	22.21 1.56 -6.18
RAVENSWOOD_GT_4 24252	18.27 1.13 -6.79	16.90 1.02 -6.37	15.89 0.97 -5.57	15.28 0.89 -5.72	16.38 1.04 -4.99	18.47 1.08 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.44 1.87 -8.87	27.30 2.00 -9.26	23.29 2.09 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.00 1.93 -6.14	20.56 1.86 -4.15	22.11 1.92 -4.92	25.20 2.05 -6.75	32.17 2.40 -11.00	30.08 2.89 -4.25	28.02 2.83 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.95 1.73 -6.65	22.20 1.55 -6.18



RAVENSWOOD_GT_5 24254	18.27 1.13 -6.79	16.90 1.02 -6.37	15.89 0.97 -5.57	15.28 0.89 -5.72	16.38 1.04 -4.99	18.47 1.08 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.44 1.87 -8.87	27.30 2.00 -9.26	23.29 2.09 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.00 1.93 -6.14	20.56 1.86 -4.15	22.11 1.92 -4.92	25.20 2.05 -6.75	32.17 2.40 -11.00	30.08 2.89 -4.25	28.02 2.83 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.95 1.73 -6.65	22.20 1.55 -6.18
RAVENSWOOD_GT_6 24253	18.27 1.13 -6.79	16.90 1.02 -6.37	15.89 0.97 -5.57	15.28 0.89 -5.72	16.38 1.04 -4.99	18.47 1.08 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.44 1.87 -8.87	27.30 2.00 -9.26	23.29 2.09 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.00 1.93 -6.14	20.56 1.86 -4.15	22.11 1.92 -4.92	25.20 2.05 -6.75	32.17 2.40 -11.00	30.08 2.89 -4.25	28.02 2.83 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.95 1.73 -6.65	22.20 1.55 -6.18
RAVENSWOOD_GT_7 24255	18.27 1.13 -6.79	16.90 1.02 -6.37	15.89 0.97 -5.57	15.28 0.89 -5.72	16.38 1.04 -4.99	18.47 1.08 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.44 1.87 -8.87	27.30 2.00 -9.26	23.29 2.09 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.00 1.93 -6.14	20.56 1.86 -4.15	22.11 1.92 -4.92	25.20 2.05 -6.75	32.17 2.40 -11.00	30.08 2.89 -4.25	28.02 2.83 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.95 1.73 -6.65	22.20 1.55 -6.18
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.27 1.13 -6.79	16.91 1.03 -6.37	15.89 0.98 -5.57	15.29 0.90 -5.72	16.39 1.05 -4.99	18.48 1.09 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.44 1.87 -8.87	27.30 2.00 -9.26	23.29 2.09 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.00 1.93 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.20 2.05 -6.75	32.17 2.40 -11.00	30.10 2.91 -4.25	28.02 2.83 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.95 1.73 -6.65	22.21 1.56 -6.18
RAVENSWOOD_GT_9 24257	18.27 1.13 -6.79	16.91 1.03 -6.37	15.89 0.98 -5.57	15.29 0.90 -5.72	16.39 1.05 -4.99	18.48 1.09 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.44 1.87 -8.87	27.30 2.00 -9.26	23.29 2.09 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.00 1.93 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.20 2.05 -6.75	32.17 2.40 -11.00	30.10 2.91 -4.25	28.02 2.83 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.95 1.73 -6.65	22.21 1.56 -6.18
RAVENSWOOD___1 23533	18.33 1.19 -6.79	16.96 1.08 -6.37	15.95 1.04 -5.57	15.33 0.94 -5.72	16.46 1.11 -4.99	18.52 1.13 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.32 2.02 -9.26	23.32 2.12 -4.98	25.50 2.08 -7.53	25.54 1.95 -8.74	23.03 1.96 -6.14	20.58 1.89 -4.15	22.16 1.97 -4.92	25.25 2.10 -6.75	32.22 2.46 -11.00	30.17 2.98 -4.25	28.06 2.87 -3.28	26.23 2.57 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18
RAVENSWOOD___2 23534	18.33 1.19 -6.79	16.96 1.08 -6.37	15.94 1.03 -5.57	15.33 0.94 -5.72	16.45 1.10 -4.99	18.52 1.13 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.32 2.12 -4.98	25.48 2.06 -7.53	25.52 1.93 -8.74	23.03 1.96 -6.14	20.58 1.89 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.22 2.46 -11.00	30.15 2.96 -4.25	28.06 2.87 -3.28	26.21 2.55 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18
RAVENSWOOD___3 23535	18.28 1.14 -6.79	16.92 1.04 -6.37	15.89 0.98 -5.57	15.29 0.90 -5.72	16.41 1.06 -4.99	18.48 1.09 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.44 1.87 -8.87	27.30 2.00 -9.26	23.29 2.09 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.00 1.93 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.20 2.05 -6.75	32.18 2.42 -11.00	30.10 2.91 -4.25	28.03 2.85 -3.28	26.19 2.53 -4.21	23.05 2.05 -4.95	22.95 1.73 -6.65	22.21 1.56 -6.18
RAVENSWOOD___4 23820	18.33 1.19 -6.79	16.96 1.08 -6.37	15.94 1.03 -5.57	15.33 0.94 -5.72	16.45 1.10 -4.99	18.52 1.13 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.31 2.11 -4.98	25.48 2.06 -7.53	25.52 1.93 -8.74	23.01 1.94 -6.14	20.57 1.88 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.20 2.44 -11.00	30.15 2.96 -4.25	28.06 2.87 -3.28	26.21 2.55 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18
RCPL_TRUST___DRP 24196	18.27 1.14 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.29 0.90 -5.72	16.40 1.06 -4.99	18.48 1.09 -7.00	21.86 1.25 -9.71	23.79 1.67 -7.64	24.27 1.90 -7.68	24.92 2.02 -6.86	23.26 2.12 -4.92	24.51 2.08 -6.54	24.46 1.95 -7.66	22.48 1.96 -5.59	20.52 1.89 -4.08	21.73 1.95 -4.51	24.80 2.08 -6.32	32.19 2.44 -10.99	30.12 2.94 -4.25	27.95 2.87 -3.17	26.12 2.57 -4.11	23.06 2.07 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
RENSSELAER___COGEN 23796	19.76 0.64 -8.77	18.34 0.59 -8.23	17.18 0.58 -7.26	16.60 0.54 -7.41	17.47 0.65 -6.45	20.10 0.65 -9.06	24.11 0.65 -12.56	25.17 0.81 -9.87	23.01 0.79 -7.52	20.90 0.87 -4.00	22.55 0.89 -5.44	22.38 0.87 -5.62	21.57 0.82 -5.89	21.87 0.81 -6.13	20.46 0.77 -5.14	21.07 0.79 -5.01	23.45 0.84 -6.21	33.69 0.99 -13.93	29.53 1.21 -5.38	26.84 1.14 -3.80	25.49 1.03 -5.01	23.14 0.83 -6.26	23.82 0.83 -8.43	23.23 0.93 -7.83
REVERE_CPPR_DRP 24186	10.74 0.18 -0.21	9.87 0.15 -0.20	9.66 0.14 -0.18	8.98 0.14 -0.18	10.71 0.20 -0.16	10.77 0.17 -0.22	11.52 0.33 -0.31	14.91 0.42 0.00	15.16 0.47 0.00	16.87 0.83 0.00	16.97 0.76 0.01	16.65 0.76 0.00	15.40 0.55 0.00	15.58 0.64 0.00	14.93 0.38 0.00	15.65 0.38 0.00	16.76 0.36 0.00	19.73 0.62 -0.35	23.99 0.92 -0.14	22.84 0.83 -0.10	20.26 0.68 -0.13	16.71 0.51 -0.16	15.21 0.44 -0.21	15.05 0.39 -0.20
RIVERBAY____ 323610	18.38 1.24 -6.79	17.04 1.15 -6.37	16.01 1.09 -5.58	15.39 1.00 -5.73	16.53 1.17 -5.00	18.60 1.20 -7.01	21.87 1.26 -9.72	23.80 1.67 -7.64	22.45 1.84 -5.92	21.31 1.97 -3.30	23.25 2.09 -4.94	23.01 2.05 -5.07	22.83 1.92 -6.06	21.69 1.93 -4.83	20.50 1.85 -4.11	21.17 1.92 -3.98	24.22 2.07 -5.75	32.19 2.44 -10.99	30.12 2.94 -4.25	27.97 2.85 -3.22	26.13 2.53 -4.15	23.06 2.07 -4.94	22.98 1.76 -6.65	22.28 1.63 -6.18
ROCHESTER_9_IC 23652	10.96 -0.22 -0.83	10.09 -0.20 -0.77	9.82 -0.21 -0.68	9.19 -0.17 -0.70	10.79 -0.18 -0.61	11.19 -0.05 -0.86	12.19 0.11 -1.19	15.49 0.06 -0.95	15.22 -0.19 -0.72	16.16 -0.26 -0.38	16.66 -0.08 -0.52	16.41 -0.02 -0.54	15.45 0.03 -0.57	15.42 -0.10 -0.59	14.92 -0.12 -0.49	15.53 -0.21 -0.48	16.80 -0.20 -0.59	20.11 0.02 -1.32	23.36 -0.09 -0.51	22.12 -0.15 -0.36	19.87 -0.06 -0.48	16.53 -0.11 -0.59	15.31 -0.06 -0.80	15.25 0.04 -0.74
ROSETON___1 23587	17.87 0.89 -6.63	16.55 0.82 -6.22	15.62 0.79 -5.49	15.06 0.73 -5.67	16.15 0.85 -4.94	18.20 0.88 -6.93	21.51 1.00 -9.61	23.38 1.33 -7.56	21.96 1.51 -5.76	20.72 1.62 -3.06	22.15 1.70 -4.22	21.92 1.67 -4.37	21.07 1.56 -4.65	21.20 1.57 -4.69	20.00 1.51 -3.94	20.67 1.57 -3.84	23.00 1.62 -4.97	31.68 1.92 -11.00	29.50 2.32 -4.25	27.16 2.26 -3.00	25.41 2.00 -3.95	22.62 1.64 -4.94	22.59 1.37 -6.65	21.87 1.22 -6.19



ROSETON___2 23588	17.87 0.89 -6.63	16.55 0.82 -6.22	15.62 0.79 -5.49	15.06 0.73 -5.67	16.15 0.85 -4.94	18.20 0.88 -6.93	21.51 1.00 -9.61	23.38 1.33 -7.56	21.96 1.51 -5.76	20.72 1.62 -3.06	22.15 1.70 -4.22	21.92 1.67 -4.37	21.07 1.56 -4.65	21.20 1.57 -4.69	20.00 1.51 -3.94	20.67 1.57 -3.84	23.00 1.62 -4.97	31.68 1.92 -11.00	29.50 2.32 -4.25	27.16 2.26 -3.00	25.41 2.00 -3.95	22.62 1.64 -4.94	22.59 1.37 -6.65	21.87 1.22 -6.19
RUSSELL___1 23602	11.00 -0.18 -0.83	10.12 -0.17 -0.78	9.86 -0.17 -0.68	9.21 -0.15 -0.70	10.83 -0.13 -0.61	11.24 0.00 -0.86	12.25 0.17 -1.19	15.58 0.14 -0.95	15.28 -0.13 -0.72	16.23 -0.19 -0.38	16.74 0.00 -0.52	16.47 0.05 -0.54	15.53 0.10 -0.57	15.49 -0.03 -0.59	15.00 -0.04 -0.49	15.61 -0.14 -0.48	16.88 -0.11 -0.59	20.20 0.11 -1.32	23.47 0.02 -0.51	22.23 -0.04 -0.36	19.95 0.02 -0.48	16.60 -0.03 -0.59	15.36 0.00 -0.80	15.34 0.13 -0.74
RUSSELL___2 23532	11.00 -0.18 -0.83	10.12 -0.17 -0.78	9.86 -0.17 -0.68	9.21 -0.15 -0.70	10.83 -0.13 -0.61	11.24 0.00 -0.86	12.25 0.17 -1.19	15.58 0.14 -0.95	15.28 -0.13 -0.72	16.23 -0.19 -0.38	16.74 0.00 -0.52	16.47 0.05 -0.54	15.53 0.10 -0.57	15.49 -0.03 -0.59	15.00 -0.04 -0.49	15.61 -0.14 -0.48	16.88 -0.11 -0.59	20.20 0.11 -1.32	23.47 0.02 -0.51	22.23 -0.04 -0.36	19.95 0.02 -0.48	16.60 -0.03 -0.59	15.36 0.00 -0.80	15.34 0.13 -0.74
RUSSELL___3 23549	11.00 -0.18 -0.83	10.12 -0.17 -0.78	9.86 -0.17 -0.68	9.21 -0.15 -0.70	10.83 -0.13 -0.61	11.24 0.00 -0.86	12.25 0.17 -1.19	15.58 0.14 -0.95	15.28 -0.13 -0.72	16.23 -0.19 -0.38	16.74 0.00 -0.52	16.47 0.05 -0.54	15.53 0.10 -0.57	15.49 -0.03 -0.59	15.00 -0.04 -0.49	15.61 -0.14 -0.48	16.88 -0.11 -0.59	20.20 0.11 -1.32	23.47 0.02 -0.51	22.23 -0.04 -0.36	19.95 0.02 -0.48	16.60 -0.03 -0.59	15.36 0.00 -0.80	15.34 0.13 -0.74
RUSSELL___4 23556	11.00 -0.18 -0.83	10.12 -0.17 -0.78	9.86 -0.17 -0.68	9.21 -0.15 -0.70	10.83 -0.13 -0.61	11.24 0.00 -0.86	12.25 0.17 -1.19	15.58 0.14 -0.95	15.28 -0.13 -0.72	16.23 -0.19 -0.38	16.74 0.00 -0.52	16.47 0.05 -0.54	15.53 0.10 -0.57	15.49 -0.03 -0.59	15.00 -0.04 -0.49	15.61 -0.14 -0.48	16.88 -0.11 -0.59	20.20 0.11 -1.32	23.47 0.02 -0.51	22.23 -0.04 -0.36	19.95 0.02 -0.48	16.60 -0.03 -0.59	15.36 0.00 -0.80	15.34 0.13 -0.74
RUSSELL___STATION 23914	11.00 -0.18 -0.83	10.12 -0.17 -0.78	9.86 -0.17 -0.68	9.21 -0.15 -0.70	10.83 -0.13 -0.61	11.24 0.00 -0.86	12.25 0.17 -1.19	15.58 0.14 -0.95	15.28 -0.13 -0.72	16.23 -0.19 -0.38	16.74 0.00 -0.52	16.47 0.05 -0.54	15.53 0.10 -0.57	15.49 -0.03 -0.59	15.00 -0.04 -0.49	15.61 -0.14 -0.48	16.88 -0.11 -0.59	20.20 0.11 -1.32	23.47 0.02 -0.51	22.23 -0.04 -0.36	19.95 0.02 -0.48	16.60 -0.03 -0.59	15.36 0.00 -0.80	15.34 0.13 -0.74
S SALMON___HYD 24043	10.59 -0.22 -0.46	9.74 -0.21 -0.43	9.51 -0.21 -0.38	8.86 -0.19 -0.39	10.48 -0.22 -0.34	10.63 -0.23 -0.48	11.41 -0.14 -0.66	14.81 -0.20 -0.53	14.86 -0.24 -0.40	16.06 -0.19 -0.21	16.39 -0.11 -0.28	16.09 -0.09 -0.30	15.05 -0.12 -0.31	15.14 -0.12 -0.33	14.63 -0.19 -0.27	15.32 -0.21 -0.27	16.43 -0.29 -0.32	19.26 -0.24 -0.73	22.99 -0.23 -0.28	21.89 -0.22 -0.20	19.48 -0.23 -0.26	16.18 -0.19 -0.33	14.83 -0.17 -0.44	14.69 -0.19 -0.41
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	11.05 -0.36 -1.07	10.20 -0.31 -1.00	9.90 -0.33 -0.89	9.28 -0.29 -0.91	10.82 -0.33 -0.79	11.24 -0.25 -1.11	12.41 -0.02 -1.54	15.54 -0.17 -1.22	15.33 -0.29 -0.93	16.15 -0.38 -0.49	16.78 -0.11 -0.67	16.49 -0.09 -0.70	15.55 -0.03 -0.73	15.56 -0.13 -0.76	15.01 -0.17 -0.64	15.56 -0.32 -0.62	16.86 -0.31 -0.77	20.38 -0.09 -1.71	23.50 -0.14 -0.70	22.16 -0.22 -0.47	20.05 -0.02 -0.62	16.73 -0.08 -0.77	15.56 -0.04 -1.04	15.25 -0.17 -0.96
SELKIRK___I 23801	19.64 0.59 -8.70	18.22 0.54 -8.17	17.08 0.53 -7.20	16.51 0.50 -7.35	17.36 0.60 -6.40	19.98 0.60 -8.99	23.98 0.62 -12.46	25.07 0.78 -9.80	22.95 0.79 -7.46	20.87 0.87 -3.97	22.52 0.91 -5.39	22.35 0.89 -5.58	21.53 0.83 -5.85	21.84 0.82 -6.08	20.44 0.79 -5.10	21.06 0.82 -4.97	23.43 0.87 -6.16	33.61 1.03 -13.81	29.54 1.26 -5.34	26.88 1.20 -3.77	25.50 1.09 -4.96	23.13 0.88 -6.21	23.75 0.83 -8.36	23.10 0.87 -7.77
SELKIRK___II 23799	19.65 0.59 -8.71	18.23 0.54 -8.18	17.08 0.53 -7.21	16.51 0.49 -7.35	17.37 0.60 -6.41	19.98 0.60 -9.00	23.99 0.62 -12.48	25.08 0.78 -9.81	22.95 0.79 -7.47	20.87 0.87 -3.97	22.53 0.91 -5.40	22.34 0.87 -5.58	21.54 0.83 -5.85	21.84 0.82 -6.09	20.44 0.79 -5.11	21.05 0.81 -4.98	23.44 0.87 -6.17	33.62 1.03 -13.82	29.54 1.26 -5.34	26.88 1.20 -3.77	25.49 1.07 -4.97	23.14 0.88 -6.21	23.76 0.83 -8.37	23.11 0.87 -7.78
SENECA OSWGO___HYD 24041	10.74 -0.14 -0.54	9.86 -0.15 -0.50	9.63 -0.16 -0.44	8.98 -0.14 -0.45	10.60 -0.16 -0.40	10.82 -0.12 -0.56	11.60 -0.06 -0.77	15.05 -0.06 -0.62	15.07 -0.10 -0.48	16.18 -0.11 -0.25	16.53 -0.03 -0.34	16.19 -0.05 -0.36	15.18 -0.04 -0.37	15.26 -0.06 -0.39	14.79 -0.09 -0.33	15.46 -0.12 -0.32	16.66 -0.13 -0.39	19.55 -0.07 -0.86	23.18 -0.09 -0.33	22.08 -0.07 -0.23	19.68 -0.08 -0.31	16.36 -0.06 -0.39	15.03 -0.06 -0.52	14.89 -0.06 -0.48
SENECA___ENERGY 23797	11.10 -0.12 -0.87	10.22 -0.11 -0.82	9.94 -0.12 -0.72	9.30 -0.10 -0.74	10.91 -0.09 -0.64	11.27 -0.02 -0.91	12.24 0.10 -1.25	15.63 0.13 -1.01	15.51 0.04 -0.77	16.48 0.03 -0.41	16.94 0.16 -0.55	16.60 0.14 -0.57	15.60 0.15 -0.60	15.65 0.09 -0.63	15.13 0.06 -0.52	15.78 0.00 -0.51	17.05 0.02 -0.63	20.33 0.17 -1.40	23.68 0.21 -0.54	22.46 0.17 -0.38	20.11 0.15 -0.50	16.75 0.08 -0.63	15.45 0.04 -0.85	15.31 0.06 -0.79
SHOEMAKER___GT 23640	17.21 0.75 -6.11	15.93 0.68 -5.74	15.10 0.67 -5.09	14.51 0.62 -5.23	15.64 0.72 -4.56	17.53 0.75 -6.40	20.60 0.84 -8.87	22.56 1.10 -6.98	21.28 1.28 -5.31	20.22 1.36 -2.82	21.42 1.43 -3.77	21.18 1.40 -3.90	20.17 1.31 -4.01	20.61 1.34 -4.33	19.46 1.28 -3.63	20.15 1.34 -3.54	22.21 1.41 -4.40	30.49 1.67 -10.05	28.86 2.04 -3.88	26.62 1.97 -2.74	24.81 1.75 -3.61	22.00 1.44 -4.52	21.85 1.21 -6.08	21.17 1.06 -5.65
SHOREHAM_IC_1 23715	18.70 1.57 -6.78	17.34 1.46 -6.37	16.35 1.42 -5.59	15.70 1.30 -5.74	16.86 1.51 -4.99	19.00 1.61 -7.00	22.99 1.86 -10.24	25.06 2.49 -8.08	24.53 2.72 -7.12	24.71 2.74 -5.93	26.70 2.87 -7.60	24.48 2.78 -5.81	24.08 2.62 -6.61	23.49 2.66 -5.89	23.12 2.58 -6.00	23.58 2.69 -5.63	27.75 2.85 -8.49	34.64 3.43 -12.44	33.47 4.15 -6.38	32.27 3.94 -6.42	31.04 3.50 -8.09	28.59 2.87 -9.68	25.46 2.59 -8.30	23.40 2.39 -6.55
SHOREHAM_IC_2 23716	18.70 1.57 -6.78	17.34 1.46 -6.37	16.35 1.42 -5.59	15.70 1.30 -5.74	16.86 1.51 -4.99	19.00 1.61 -7.00	22.99 1.86 -10.24	25.06 2.49 -8.08	24.53 2.72 -7.12	24.71 2.74 -5.93	26.70 2.87 -7.60	24.48 2.78 -5.81	24.08 2.62 -6.61	23.49 2.66 -5.89	23.12 2.58 -6.00	23.58 2.69 -5.63	27.75 2.85 -8.49	34.64 3.43 -12.44	33.47 4.15 -6.38	32.27 3.94 -6.42	31.04 3.50 -8.09	28.59 2.87 -9.68	25.46 2.59 -8.30	23.40 2.39 -6.55



SISSONVILLE____ 23735	9.75 -0.60 0.00	8.95 -0.56 0.00	8.81 -0.53 0.00	8.16 -0.50 0.00	9.72 -0.64 0.00	9.67 -0.72 0.00	9.99 -0.90 0.00	13.03 -1.46 0.00	13.21 -1.48 0.00	14.51 -1.52 0.00	14.53 -1.64 0.06	14.30 -1.59 0.00	13.32 -1.53 0.00	13.50 -1.43 0.00	13.09 -1.45 0.00	13.75 -1.51 0.00	14.73 -1.67 0.00	16.78 -1.99 0.00	20.64 -2.29 0.00	19.70 -2.21 0.00	17.43 -2.02 0.00	14.63 -1.41 0.00	13.38 -1.18 0.00	13.34 -1.13 0.00
SITHE_IND_GS1 24169	10.53 -0.25 -0.43	9.69 -0.23 -0.41	9.48 -0.22 -0.36	8.82 -0.21 -0.37	10.44 -0.24 -0.32	10.62 -0.22 -0.45	11.34 -0.17 -0.62	14.76 -0.23 -0.50	14.78 -0.29 -0.38	15.90 -0.34 -0.20	16.22 -0.28 -0.27	15.90 -0.27 -0.28	14.90 -0.25 -0.30	14.98 -0.27 -0.31	14.53 -0.28 -0.26	15.20 -0.32 -0.25	16.37 -0.35 -0.31	19.12 -0.34 -0.69	22.79 -0.41 -0.27	21.68 -0.42 -0.19	19.35 -0.35 -0.25	16.05 -0.31 -0.31	14.74 -0.25 -0.42	14.61 -0.25 -0.39
SITHE_IND_GS2 24170	10.53 -0.25 -0.43	9.69 -0.23 -0.41	9.48 -0.22 -0.36	8.82 -0.21 -0.37	10.44 -0.24 -0.32	10.62 -0.22 -0.45	11.34 -0.17 -0.62	14.76 -0.23 -0.50	14.78 -0.29 -0.38	15.90 -0.34 -0.20	16.22 -0.28 -0.27	15.90 -0.27 -0.28	14.90 -0.25 -0.30	14.98 -0.27 -0.31	14.53 -0.28 -0.26	15.20 -0.32 -0.25	16.37 -0.35 -0.31	19.12 -0.34 -0.69	22.79 -0.41 -0.27	21.68 -0.42 -0.19	19.35 -0.35 -0.25	16.05 -0.31 -0.31	14.74 -0.25 -0.42	14.61 -0.25 -0.39
SITHE_IND_GS3 24171	10.53 -0.25 -0.43	9.69 -0.23 -0.41	9.48 -0.22 -0.36	8.82 -0.21 -0.37	10.44 -0.24 -0.32	10.62 -0.22 -0.45	11.34 -0.17 -0.62	14.76 -0.23 -0.50	14.78 -0.29 -0.38	15.90 -0.34 -0.20	16.22 -0.28 -0.27	15.90 -0.27 -0.28	14.90 -0.25 -0.30	14.98 -0.27 -0.31	14.53 -0.28 -0.26	15.20 -0.32 -0.25	16.37 -0.35 -0.31	19.12 -0.34 -0.69	22.79 -0.41 -0.27	21.68 -0.42 -0.19	19.35 -0.35 -0.25	16.05 -0.31 -0.31	14.74 -0.25 -0.42	14.61 -0.25 -0.39
SITHE_IND_GS4 24172	10.53 -0.25 -0.43	9.69 -0.23 -0.41	9.48 -0.22 -0.36	8.82 -0.21 -0.37	10.44 -0.24 -0.32	10.62 -0.22 -0.45	11.34 -0.17 -0.62	14.76 -0.23 -0.50	14.78 -0.29 -0.38	15.90 -0.34 -0.20	16.22 -0.28 -0.27	15.90 -0.27 -0.28	14.90 -0.25 -0.30	14.98 -0.27 -0.31	14.53 -0.28 -0.26	15.20 -0.32 -0.25	16.37 -0.35 -0.31	19.12 -0.34 -0.69	22.79 -0.41 -0.27	21.68 -0.42 -0.19	19.35 -0.35 -0.25	16.05 -0.31 -0.31	14.74 -0.25 -0.42	14.61 -0.25 -0.39
SITHE____BATAVIA 24024	11.03 -0.27 -0.95	10.16 -0.25 -0.89	9.88 -0.25 -0.79	9.25 -0.22 -0.81	10.84 -0.22 -0.70	11.30 -0.07 -0.99	12.41 0.15 -1.37	15.65 0.07 -1.09	15.32 -0.21 -0.83	16.19 -0.29 -0.44	16.77 -0.05 -0.60	16.52 0.02 -0.62	15.59 0.09 -0.65	15.54 -0.07 -0.68	15.03 -0.09 -0.57	15.59 -0.23 -0.55	16.87 -0.21 -0.68	20.35 0.06 -1.52	23.53 0.02 -0.57	22.24 -0.09 -0.42	20.06 0.06 -0.55	16.70 -0.03 -0.68	15.50 0.01 -0.92	15.39 0.07 -0.86
SITHE____INDEPEND 23800	10.53 -0.25 -0.43	9.69 -0.23 -0.41	9.48 -0.22 -0.36	8.82 -0.21 -0.37	10.44 -0.24 -0.32	10.62 -0.22 -0.45	11.34 -0.17 -0.62	14.76 -0.23 -0.50	14.78 -0.29 -0.38	15.90 -0.34 -0.20	16.22 -0.28 -0.27	15.90 -0.27 -0.28	14.90 -0.25 -0.30	14.98 -0.27 -0.31	14.53 -0.28 -0.26	15.20 -0.32 -0.25	16.37 -0.35 -0.31	19.12 -0.34 -0.69	22.79 -0.41 -0.27	21.68 -0.42 -0.19	19.35 -0.35 -0.25	16.05 -0.31 -0.31	14.74 -0.25 -0.42	14.61 -0.25 -0.39
SITHE____MASSENA 23902	9.91 -0.43 0.00	9.11 -0.40 0.00	8.96 -0.38 0.00	8.30 -0.36 0.00	9.88 -0.48 0.00	9.87 -0.52 0.00	10.21 -0.69 0.00	13.50 -0.99 0.00	13.68 -1.01 0.00	14.96 -1.07 0.00	14.98 -1.17 0.07	14.76 -1.13 0.00	13.78 -1.07 0.00	13.93 -1.00 0.00	13.57 -0.97 0.00	14.26 -1.01 0.00	15.29 -1.12 0.00	17.38 -1.39 0.00	21.28 -1.65 0.00	20.33 -1.58 0.00	18.01 -1.44 0.00	14.97 -1.07 0.00	13.60 -0.96 0.00	13.57 -0.90 0.00
SITHE____OGDNSBRG 24021	9.85 -0.50 0.00	9.06 -0.46 0.00	8.90 -0.44 0.00	8.25 -0.42 0.00	9.83 -0.53 0.00	9.77 -0.61 0.00	10.13 -0.76 0.00	13.33 -1.16 0.00	13.52 -1.18 0.00	14.83 -1.20 0.00	14.85 -1.31 0.06	14.61 -1.27 0.00	13.62 -1.23 0.00	13.80 -1.14 0.00	13.38 -1.16 0.00	14.07 -1.19 0.00	15.06 -1.34 0.00	17.15 -1.61 0.00	21.10 -1.84 0.00	20.16 -1.75 0.00	17.82 -1.63 0.00	14.86 -1.19 0.00	13.53 -1.03 0.00	13.48 -0.98 0.00
SITHE____STERLING 23777	10.82 0.18 -0.29	9.94 0.15 -0.27	9.72 0.14 -0.24	9.05 0.14 -0.25	10.76 0.19 -0.22	10.88 0.19 -0.30	11.63 0.32 -0.42	15.42 0.41 -0.52	15.49 0.40 -0.40	16.69 0.45 -0.21	17.03 0.52 -0.29	16.68 0.49 -0.30	15.61 0.45 -0.31	15.69 0.43 -0.32	15.20 0.38 -0.27	15.91 0.38 -0.27	17.09 0.41 -0.28	19.86 0.62 -0.48	23.99 0.87 -0.18	22.83 0.79 -0.13	20.28 0.66 -0.17	16.76 0.50 -0.21	15.28 0.42 -0.29	15.12 0.39 -0.27
SOUTH CAIRO____GT 23612	18.80 0.90 -7.56	17.43 0.82 -7.09	16.37 0.77 -6.26	15.78 0.73 -6.39	16.80 0.87 -5.57	19.09 0.88 -7.82	22.70 0.97 -10.84	24.21 1.20 -8.52	22.54 1.35 -6.49	20.91 1.43 -3.45	22.34 1.43 -4.69	22.10 1.37 -4.85	21.23 1.29 -5.09	21.60 1.37 -5.29	20.33 1.34 -4.44	20.99 1.40 -4.33	23.35 1.61 -5.34	32.68 1.99 -11.93	30.02 2.48 -4.61	27.53 2.37 -3.25	25.82 2.08 -4.29	23.12 1.72 -5.36	23.28 1.50 -7.22	22.50 1.33 -6.71
SOUTH HAMPTN____IC 23720	19.45 2.32 -6.78	18.02 2.14 -6.37	17.00 2.06 -5.59	16.30 1.90 -5.74	17.58 2.23 -4.99	19.81 2.42 -7.00	23.86 2.73 -10.23	26.26 3.69 -8.08	25.73 3.92 -7.12	26.02 4.06 -5.93	28.06 4.23 -7.60	25.78 4.08 -5.81	25.26 3.80 -6.60	24.65 3.82 -5.89	24.22 3.68 -5.99	24.74 3.85 -5.63	29.12 4.23 -8.49	36.42 5.22 -12.44	35.64 6.33 -6.37	34.31 5.98 -6.42	32.81 5.27 -8.09	30.02 4.30 -9.67	26.69 3.83 -8.30	24.60 3.59 -6.55
SOUTHOLD____IC 23719	19.53 2.40 -6.78	18.10 2.22 -6.37	17.07 2.14 -5.59	16.36 1.96 -5.74	17.65 2.30 -4.99	19.88 2.49 -7.00	23.93 2.81 -10.23	26.38 3.81 -8.08	25.86 4.06 -7.12	26.17 4.20 -5.93	28.22 4.40 -7.60	25.93 4.24 -5.81	25.39 3.94 -6.60	24.78 3.96 -5.89	24.35 3.81 -5.99	24.86 3.97 -5.63	29.29 4.40 -8.49	36.63 5.42 -12.44	35.91 6.61 -6.37	34.57 6.24 -6.42	33.02 5.49 -8.09	30.21 4.49 -9.67	26.85 3.99 -8.30	24.74 3.73 -6.55
ST LAWRENCE____ 23600	9.89 -0.46 0.00	9.10 -0.41 0.00	8.94 -0.40 0.00	8.29 -0.37 0.00	9.88 -0.48 0.00	9.87 -0.52 0.00	10.23 -0.66 0.00	13.60 -0.88 0.00	13.78 -0.91 0.00	15.06 -0.98 0.00	15.08 -1.07 0.07	14.84 -1.05 0.00	13.87 -0.98 0.00	13.99 -0.94 0.00	13.66 -0.89 0.00	14.36 -0.90 0.00	15.40 -1.00 0.00	17.49 -1.28 0.00	21.40 -1.54 0.00	20.44 -1.47 0.00	18.13 -1.32 0.00	15.02 -1.03 0.00	13.66 -0.90 0.00	13.63 -0.84 0.00
STATION 5_MISC_HYD 23604	10.96 -0.22 -0.83	10.09 -0.20 -0.77	9.82 -0.21 -0.68	9.19 -0.17 -0.70	10.79 -0.18 -0.61	11.19 -0.05 -0.86	12.19 0.11 -1.19	15.49 0.06 -0.95	15.22 -0.19 -0.72	16.16 -0.26 -0.38	16.66 -0.08 -0.52	16.41 -0.02 -0.54	15.45 0.03 -0.57	15.42 -0.10 -0.59	14.92 -0.12 -0.49	15.53 -0.21 -0.48	16.80 -0.20 -0.59	20.11 0.02 -1.32	23.36 -0.09 -0.51	22.12 -0.15 -0.36	19.87 -0.06 -0.48	16.53 -0.11 -0.59	15.31 -0.06 -0.80	15.25 0.04 -0.74



STA_168_34_KV_BK1_2_REV_LBMP_B 345032	11.07 -0.10 -0.83	10.18 -0.10 -0.77	9.92 -0.10 -0.68	9.27 -0.09 -0.70	10.91 -0.06 -0.61	11.29 0.05 -0.86	12.27 0.20 -1.19	15.67 0.23 -0.95	15.42 0.00 -0.72	16.39 -0.03 -0.38	16.87 0.13 -0.52	16.58 0.16 -0.54	15.60 0.18 -0.57	15.60 0.08 -0.59	15.09 0.04 -0.49	15.73 -0.02 -0.48	17.01 0.02 -0.59	20.31 0.23 -1.32	23.65 0.21 -0.51	22.42 0.15 -0.36	20.08 0.15 -0.48	16.72 0.08 -0.59	15.45 0.09 -0.80	15.41 0.20 -0.74
STA_56_34_KV_BUS2_REV_LBMP_B 345033	10.89 -0.28 -0.82	10.02 -0.26 -0.77	9.76 -0.26 -0.68	9.13 -0.23 -0.69	10.72 -0.24 -0.60	11.11 -0.12 -0.85	12.09 0.02 -1.17	15.38 -0.04 -0.94	15.11 -0.29 -0.71	16.06 -0.35 -0.38	16.54 -0.19 -0.52	16.29 -0.13 -0.53	15.34 -0.07 -0.56	15.32 -0.19 -0.58	14.83 -0.20 -0.49	15.43 -0.31 -0.48	16.70 -0.29 -0.59	19.96 -0.11 -1.31	23.19 -0.25 -0.51	21.96 -0.31 -0.36	19.73 -0.19 -0.47	16.41 -0.22 -0.59	15.20 -0.16 -0.79	15.14 -0.06 -0.74
STEEL___WIND 323596	11.27 -0.20 -1.12	10.40 -0.16 -1.05	10.09 -0.18 -0.92	9.46 -0.15 -0.94	11.02 -0.17 -0.82	11.47 -0.07 -1.16	12.67 0.17 -1.60	15.91 0.14 -1.27	15.71 0.04 -0.97	16.54 -0.02 -0.52	17.18 0.26 -0.70	16.88 0.27 -0.73	15.93 0.31 -0.76	15.93 0.21 -0.79	15.36 0.15 -0.66	15.93 0.02 -0.65	17.25 0.05 -0.80	20.91 0.36 -1.79	24.13 0.46 -0.73	22.73 0.33 -0.49	20.56 0.47 -0.64	17.17 0.32 -0.80	15.95 0.31 -1.08	15.58 0.12 -1.00
STEBEN_REC_LFGE 323667	11.90 0.06 -1.49	10.98 0.07 -1.40	10.62 0.04 -1.24	9.98 0.05 -1.26	11.54 0.08 -1.10	12.14 0.21 -1.55	13.51 0.47 -2.15	16.84 0.65 -1.70	16.55 0.56 -1.30	17.29 0.56 -0.69	18.02 0.86 -0.94	17.62 0.76 -0.97	16.60 0.73 -1.02	16.63 0.64 -1.06	15.97 0.54 -0.89	16.59 0.46 -0.86	18.00 0.52 -1.07	22.02 0.86 -2.39	24.95 1.08 -0.94	23.52 0.96 -0.65	21.24 0.93 -0.86	17.79 0.67 -1.07	16.56 0.55 -1.45	16.26 0.45 -1.34
STONY___BROOK 24151	18.66 1.53 -6.78	17.30 1.42 -6.37	16.32 1.39 -5.59	15.67 1.26 -5.74	16.82 1.47 -4.99	18.95 1.56 -7.00	22.96 1.81 -10.26	25.01 2.42 -8.10	24.47 2.64 -7.14	24.67 2.68 -5.95	26.66 2.82 -7.61	24.45 2.73 -5.83	24.05 2.57 -6.62	23.44 2.60 -5.91	23.08 2.52 -6.01	23.54 2.63 -5.65	27.71 2.80 -8.51	34.54 3.32 -12.45	33.38 4.04 -6.40	32.21 3.86 -6.44	30.99 3.44 -8.10	28.54 2.81 -9.69	25.40 2.52 -8.31	23.34 2.31 -6.56
STURGEON_POOL_HYD 23609	18.12 0.70 -7.07	16.78 0.64 -6.63	15.82 0.63 -5.85	15.22 0.57 -5.99	16.25 0.67 -5.22	18.40 0.70 -7.32	21.84 0.79 -10.16	23.50 1.03 -7.98	21.98 1.21 -6.08	20.53 1.27 -3.23	21.95 1.33 -4.39	21.72 1.29 -4.54	20.84 1.22 -4.77	21.15 1.25 -4.96	19.91 1.21 -4.16	20.57 1.25 -4.05	22.88 1.51 -4.97	31.70 1.80 -11.13	29.44 2.20 -4.30	27.09 2.15 -3.04	25.36 1.91 -4.00	22.60 1.56 -5.00	22.60 1.30 -6.74	21.84 1.11 -6.26
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.39 0.80 -6.24	16.09 0.72 -5.86	15.27 0.73 -5.20	14.67 0.67 -5.34	15.80 0.79 -4.66	17.74 0.82 -6.53	20.89 0.94 -9.06	22.84 1.23 -7.12	21.54 1.42 -5.43	20.43 1.51 -2.89	21.65 1.59 -3.84	21.39 1.54 -3.97	20.35 1.44 -4.06	20.82 1.46 -4.42	19.67 1.41 -3.71	20.35 1.47 -3.62	22.43 1.56 -4.47	30.87 1.84 -10.27	29.13 2.22 -3.97	26.88 2.17 -2.80	25.09 1.94 -3.69	22.23 1.57 -4.61	22.09 1.31 -6.21	21.38 1.14 -5.77
SYNERGY___BIOGAS 323694	11.03 -0.27 -0.95	10.16 -0.25 -0.89	9.88 -0.25 -0.79	9.25 -0.22 -0.81	10.84 -0.22 -0.70	11.30 -0.07 -0.99	12.41 0.15 -1.37	15.65 0.07 -1.09	15.32 -0.21 -0.83	16.19 -0.29 -0.44	16.77 -0.05 -0.60	16.52 0.02 -0.62	15.59 0.09 -0.65	15.54 -0.07 -0.68	15.03 -0.09 -0.57	15.59 -0.23 -0.55	16.87 -0.21 -0.68	20.35 0.06 -1.52	23.53 0.02 -0.57	22.24 -0.09 -0.42	20.06 0.06 -0.55	16.70 -0.03 -0.68	15.50 0.01 -0.92	15.39 0.07 -0.86
SYRACUSE___ENERGY_ST1 323597	11.01 -0.02 -0.68	10.13 -0.02 -0.64	9.88 -0.03 -0.56	9.21 -0.03 -0.58	10.85 -0.01 -0.50	11.11 0.02 -0.71	11.98 0.11 -0.98	15.44 0.16 -0.79	15.40 0.10 -0.61	16.47 0.11 -0.32	16.87 0.21 -0.44	16.51 0.18 -0.45	15.51 0.18 -0.47	15.58 0.15 -0.49	15.08 0.12 -0.41	15.77 0.11 -0.40	17.00 0.10 -0.49	20.08 0.23 -1.09	23.63 0.28 -0.42	22.47 0.26 -0.30	20.08 0.23 -0.39	16.71 0.18 -0.49	15.37 0.15 -0.66	15.21 0.13 -0.61
SYRACUSE___ENERGY_ST2 323598	11.01 -0.02 -0.68	10.13 -0.02 -0.64	9.88 -0.03 -0.56	9.21 -0.03 -0.58	10.85 -0.01 -0.50	11.11 0.02 -0.71	11.98 0.11 -0.98	15.44 0.16 -0.79	15.40 0.10 -0.61	16.47 0.11 -0.32	16.87 0.21 -0.44	16.51 0.18 -0.45	15.51 0.18 -0.47	15.58 0.15 -0.49	15.08 0.12 -0.41	15.77 0.11 -0.40	17.00 0.10 -0.49	20.08 0.23 -1.09	23.63 0.28 -0.42	22.47 0.26 -0.30	20.08 0.23 -0.39	16.71 0.18 -0.49	15.37 0.15 -0.66	15.21 0.13 -0.61
SYRACUSE___POWER 24017	11.06 0.00 -0.72	10.18 -0.01 -0.67	9.92 -0.02 -0.59	9.26 -0.01 -0.61	10.89 0.00 -0.53	11.17 0.04 -0.74	12.05 0.13 -1.03	15.52 0.19 -0.84	15.48 0.15 -0.64	16.54 0.16 -0.34	16.95 0.26 -0.46	16.59 0.22 -0.48	15.57 0.21 -0.50	15.64 0.18 -0.52	15.15 0.16 -0.44	15.83 0.14 -0.43	17.07 0.15 -0.52	20.19 0.28 -1.14	23.74 0.37 -0.44	22.55 0.33 -0.31	20.15 0.29 -0.41	16.76 0.21 -0.51	15.43 0.18 -0.69	15.26 0.16 -0.64
TRIGEN___CC 323695	18.33 1.20 -6.79	16.99 1.11 -6.37	16.04 1.10 -5.59	15.40 1.00 -5.74	16.50 1.15 -4.99	18.58 1.19 -7.01	26.08 1.38 -13.80	27.45 1.83 -11.14	26.69 2.04 -9.95	27.17 2.05 -9.08	27.92 2.19 -9.51	26.94 2.14 -8.91	26.37 2.04 -9.48	25.92 2.05 -8.94	25.47 1.96 -8.96	25.76 2.05 -8.45	29.20 2.15 -10.65	34.91 2.52 -13.63	36.55 3.07 -10.54	34.30 2.96 -9.44	31.69 2.64 -9.59	29.85 2.15 -11.66	26.69 1.91 -10.22	25.30 1.73 -9.10
UNION___PROCESSING_DRP 323587	10.95 -0.23 -0.83	10.07 -0.22 -0.78	9.81 -0.21 -0.69	9.17 -0.19 -0.70	10.77 -0.20 -0.61	11.17 -0.07 -0.86	12.17 0.09 -1.19	15.45 0.01 -0.95	15.20 -0.22 -0.73	16.13 -0.29 -0.39	16.63 -0.11 -0.52	16.36 -0.06 -0.54	15.42 0.00 -0.57	15.39 -0.13 -0.59	14.90 -0.15 -0.50	15.52 -0.23 -0.48	16.77 -0.23 -0.60	20.06 -0.04 -1.33	23.31 -0.14 -0.51	22.07 -0.20 -0.36	19.83 -0.10 -0.48	16.49 -0.14 -0.60	15.28 -0.09 -0.80	15.23 0.01 -0.75
UPPER HUDSON___HYD 24058	20.60 0.94 -9.31	19.12 0.87 -8.73	17.92 0.88 -7.70	17.35 0.83 -7.86	18.24 1.04 -6.85	21.00 1.01 -9.61	25.36 1.14 -13.33	26.50 1.53 -10.47	24.26 1.59 -7.98	22.04 1.76 -4.24	23.73 1.74 -5.77	23.55 1.70 -5.96	22.80 1.69 -6.25	23.07 1.63 -6.50	21.59 1.59 -5.46	22.23 1.65 -5.32	24.66 1.66 -6.60	35.53 1.97 -14.80	31.09 2.43 -5.72	28.20 2.26 -4.03	26.81 2.04 -5.32	24.36 1.67 -6.65	25.06 1.54 -8.95	24.18 1.40 -8.32
UPPER RAQUET___HYD 24056	9.75 -0.60 0.00	8.95 -0.56 0.00	8.81 -0.53 0.00	8.16 -0.50 0.00	9.72 -0.64 0.00	9.67 -0.72 0.00	9.99 -0.90 0.00	13.03 -1.46 0.00	13.21 -1.48 0.00	14.51 -1.52 0.00	14.53 -1.64 0.06	14.30 -1.59 0.00	13.32 -1.53 0.00	13.50 -1.43 0.00	13.09 -1.45 0.00	13.75 -1.51 0.00	14.73 -1.67 0.00	16.78 -1.99 0.00	20.64 -2.29 0.00	19.70 -2.21 0.00	17.43 -2.02 0.00	14.63 -1.41 0.00	13.38 -1.18 0.00	13.34 -1.13 0.00



VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	13.99 0.70 -2.94	12.91 0.64 -2.76	12.40 0.63 -2.44	11.74 0.59 -2.49	13.24 0.71 -2.17	14.11 0.67 -3.05	16.02 0.90 -4.22	19.02 1.20 -3.33	18.52 1.29 -2.53	18.94 1.55 -1.35	19.61 1.56 -1.83	19.29 1.51 -1.89	18.16 1.32 -1.99	18.36 1.36 -2.07	17.47 1.19 -1.73	18.19 1.24 -1.69	19.80 1.30 -2.10	25.14 1.67 -4.70	27.03 2.27 -1.82	25.36 2.17 -1.28	23.01 1.87 -1.69	19.63 1.47 -2.11	18.72 1.31 -2.85	18.33 1.22 -2.65
VISCHER___FERRY HYD 24020	20.35 0.76 -9.24	18.88 0.69 -8.68	17.68 0.69 -7.65	17.12 0.65 -7.80	17.96 0.80 -6.80	20.72 0.79 -9.55	25.01 0.88 -13.24	26.05 1.16 -10.40	23.82 1.21 -7.92	21.58 1.33 -4.21	23.30 1.35 -5.73	23.12 1.32 -5.92	22.31 1.25 -6.21	22.60 1.21 -6.46	21.15 1.18 -5.42	21.77 1.22 -5.28	24.24 1.28 -6.56	34.98 1.52 -14.69	30.47 1.86 -5.68	27.63 1.71 -4.01	26.27 1.54 -5.28	23.91 1.27 -6.60	24.61 1.15 -8.89	23.82 1.09 -8.27
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.69 0.88 -6.46	16.38 0.80 -6.07	15.54 0.81 -5.38	14.93 0.75 -5.53	16.05 0.87 -4.82	18.06 0.91 -6.76	21.31 1.05 -9.37	23.25 1.39 -7.37	21.91 1.60 -5.61	20.72 1.70 -2.98	21.92 1.78 -3.92	21.67 1.73 -4.05	20.56 1.62 -4.08	21.15 1.64 -4.58	19.97 1.59 -3.84	20.65 1.65 -3.74	22.72 1.76 -4.56	31.44 2.06 -10.61	29.54 2.50 -4.10	27.25 2.45 -2.89	25.44 2.18 -3.81	22.57 1.76 -4.77	22.45 1.47 -6.42	21.73 1.30 -5.96
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.27 1.14 -6.79	16.92 1.04 -6.37	15.90 0.99 -5.57	15.29 0.90 -5.72	16.40 1.06 -4.99	18.48 1.09 -7.00	21.86 1.25 -9.71	23.79 1.67 -7.64	24.27 1.90 -7.68	24.92 2.02 -6.86	23.26 2.12 -4.92	24.51 2.08 -6.54	24.46 1.95 -7.66	22.48 1.96 -5.59	20.52 1.89 -4.08	21.73 1.95 -4.51	24.80 2.08 -6.32	32.19 2.44 -10.99	30.12 2.94 -4.25	27.95 2.87 -3.17	26.12 2.57 -4.11	23.06 2.07 -4.95	22.96 1.75 -6.65	22.21 1.56 -6.18
WADING RIVER_IC_1 23522	18.72 1.58 -6.78	17.34 1.46 -6.37	16.36 1.43 -5.59	15.71 1.31 -5.74	16.86 1.51 -4.99	19.01 1.62 -7.00	22.99 1.87 -10.23	25.07 2.51 -8.08	24.54 2.73 -7.11	24.72 2.76 -5.92	26.72 2.90 -7.60	24.50 2.81 -5.80	24.10 2.64 -6.60	23.49 2.67 -5.88	23.12 2.59 -5.99	23.59 2.70 -5.62	27.78 2.89 -8.49	34.66 3.45 -12.44	33.48 4.18 -6.36	32.29 3.97 -6.41	31.06 3.52 -8.08	28.60 2.89 -9.67	25.48 2.62 -8.30	23.41 2.40 -6.54
WADING RIVER_IC_2 23547	18.72 1.58 -6.78	17.34 1.46 -6.37	16.36 1.43 -5.59	15.71 1.31 -5.74	16.86 1.51 -4.99	19.01 1.62 -7.00	22.99 1.87 -10.23	25.07 2.51 -8.08	24.54 2.73 -7.11	24.72 2.76 -5.92	26.72 2.90 -7.60	24.50 2.81 -5.80	24.10 2.64 -6.60	23.49 2.67 -5.88	23.12 2.59 -5.99	23.59 2.70 -5.62	27.78 2.89 -8.49	34.66 3.45 -12.44	33.48 4.18 -6.36	32.29 3.97 -6.41	31.06 3.52 -8.08	28.60 2.89 -9.67	25.48 2.62 -8.30	23.41 2.40 -6.54
WADING RIVER_IC_3 23601	18.72 1.58 -6.78	17.34 1.46 -6.37	16.36 1.43 -5.59	15.71 1.31 -5.74	16.86 1.51 -4.99	19.01 1.62 -7.00	22.99 1.87 -10.23	25.07 2.51 -8.08	24.54 2.73 -7.11	24.72 2.76 -5.92	26.72 2.90 -7.60	24.50 2.81 -5.80	24.10 2.64 -6.60	23.49 2.67 -5.88	23.12 2.59 -5.99	23.59 2.70 -5.62	27.78 2.89 -8.49	34.66 3.45 -12.44	33.48 4.18 -6.36	32.29 3.97 -6.41	31.06 3.52 -8.08	28.60 2.89 -9.67	25.48 2.62 -8.30	23.41 2.40 -6.54
WALDEN___HYDRO 24148	17.84 0.84 -6.66	16.53 0.76 -6.25	15.62 0.76 -5.52	15.02 0.69 -5.67	16.12 0.82 -4.94	18.17 0.85 -6.93	21.49 0.98 -9.61	23.34 1.29 -7.56	21.95 1.50 -5.76	20.68 1.59 -3.06	22.05 1.67 -4.16	21.81 1.62 -4.30	20.88 1.52 -4.51	21.18 1.55 -4.69	19.98 1.50 -3.94	20.66 1.56 -3.84	22.89 1.67 -4.81	31.56 2.01 -10.78	29.53 2.43 -4.17	27.22 2.37 -2.94	25.43 2.10 -3.87	22.61 1.72 -4.85	22.50 1.41 -6.52	21.76 1.23 -6.06
WARRENSBURG____ 23737	20.60 0.94 -9.31	19.12 0.87 -8.73	17.92 0.88 -7.70	17.35 0.83 -7.86	18.24 1.04 -6.85	21.00 1.01 -9.61	25.36 1.14 -13.33	26.50 1.53 -10.47	24.26 1.59 -7.98	22.04 1.76 -4.24	23.73 1.74 -5.77	23.55 1.70 -5.96	22.80 1.69 -6.25	23.07 1.63 -6.50	21.59 1.59 -5.46	22.23 1.65 -5.32	24.66 1.66 -6.60	35.53 1.97 -14.80	31.09 2.43 -5.72	28.20 2.26 -4.03	26.81 2.04 -5.32	24.36 1.67 -6.65	25.06 1.54 -8.95	24.18 1.40 -8.32
WATERSIDE___6 8 9 23538	18.33 1.19 -6.79	16.96 1.08 -6.37	15.94 1.03 -5.57	15.33 0.94 -5.72	16.45 1.10 -4.99	18.52 1.13 -7.00	21.87 1.26 -9.72	23.81 1.68 -7.64	25.45 1.88 -8.87	27.30 2.00 -9.26	23.31 2.11 -4.98	25.48 2.06 -7.53	25.52 1.93 -8.74	23.01 1.94 -6.14	20.57 1.88 -4.15	22.14 1.95 -4.92	25.23 2.08 -6.75	32.20 2.44 -11.00	30.15 2.96 -4.25	28.06 2.87 -3.28	26.21 2.55 -4.21	23.08 2.08 -4.95	22.99 1.78 -6.65	22.27 1.62 -6.18
WDELAWARE___HYD 323627	17.36 0.85 -6.16	16.07 0.77 -5.78	15.21 0.76 -5.11	14.60 0.70 -5.24	15.74 0.82 -4.56	17.64 0.85 -6.40	20.75 0.98 -8.88	22.75 1.28 -6.98	21.50 1.48 -5.32	20.44 1.57 -2.83	21.69 1.62 -3.84	21.43 1.57 -3.97	20.49 1.47 -4.17	20.81 1.54 -4.34	19.65 1.47 -3.64	20.33 1.53 -3.54	22.48 1.67 -4.40	30.68 2.05 -9.87	29.27 2.52 -3.81	27.05 2.45 -2.69	25.16 2.16 -3.55	22.23 1.75 -4.44	22.01 1.47 -5.97	21.29 1.27 -5.55
WEST BABYLON___IC 23714	18.63 1.50 -6.78	17.27 1.39 -6.37	16.30 1.36 -5.59	15.64 1.24 -5.74	16.79 1.44 -4.99	18.91 1.52 -7.00	23.68 1.75 -11.03	25.60 2.35 -8.76	25.06 2.57 -7.79	25.38 2.60 -6.75	27.08 2.76 -8.10	25.09 2.70 -6.50	24.64 2.54 -7.25	24.06 2.55 -6.57	23.70 2.47 -6.68	24.13 2.58 -6.28	28.21 2.75 -9.05	34.74 3.27 -12.70	34.21 3.97 -7.30	32.82 3.81 -7.09	31.31 3.38 -8.48	28.99 2.76 -10.19	25.82 2.46 -8.80	23.84 2.26 -7.12
WEST CANADA___HYD 24049	10.22 0.06 0.19	9.39 0.06 0.18	9.24 0.06 0.16	8.55 0.05 0.16	10.29 0.07 0.14	10.26 0.07 0.20	10.72 0.10 0.27	14.38 0.13 0.24	14.64 0.13 0.18	16.10 0.16 0.10	16.26 0.16 0.13	15.92 0.18 0.14	14.86 0.15 0.14	14.93 0.15 0.15	14.55 0.13 0.13	15.26 0.12 0.12	16.41 0.15 0.14	18.66 0.19 0.29	23.05 0.23 0.11	22.05 0.22 0.08	19.54 0.19 0.10	16.06 0.14 0.13	14.52 0.13 0.18	14.42 0.12 0.16
WESTERN_NY_WIND 24143	11.03 -0.28 -0.96	10.16 -0.26 -0.90	9.87 -0.26 -0.79	9.26 -0.22 -0.81	10.84 -0.23 -0.71	11.29 -0.08 -0.99	12.41 0.14 -1.37	15.64 0.06 -1.10	15.31 -0.22 -0.83	16.17 -0.31 -0.44	16.78 -0.05 -0.60	16.53 0.02 -0.62	15.58 0.07 -0.65	15.54 -0.07 -0.68	15.02 -0.10 -0.57	15.57 -0.24 -0.56	16.88 -0.21 -0.69	20.35 0.06 -1.53	23.51 0.00 -0.58	22.22 -0.11 -0.42	20.04 0.04 -0.55	16.68 -0.05 -0.69	15.49 0.00 -0.93	15.38 0.06 -0.86
WESTOVER___LESR 323668	12.82 0.25 -2.23	11.83 0.23 -2.09	11.40 0.22 -1.84	10.75 0.21 -1.89	12.26 0.26 -1.64	12.99 0.30 -2.31	14.53 0.44 -3.20	17.58 0.56 -2.53	17.18 0.56 -1.93	17.65 0.59 -1.02	18.33 0.71 -1.39	17.99 0.67 -1.44	16.99 0.62 -1.51	17.10 0.60 -1.57	16.40 0.54 -1.32	17.07 0.52 -1.28	18.55 0.56 -1.59	23.10 0.77 -3.56	25.28 0.96 -1.38	23.78 0.90 -0.97	21.57 0.84 -1.28	18.29 0.64 -1.60	17.26 0.54 -2.16	16.97 0.51 -2.00



WETHRSFD_WT_PWR 323626	11.43 -0.18 -1.26	10.55 -0.15 -1.18	10.22 -0.17 -1.05	9.59 -0.14 -1.07	11.14 -0.16 -0.93	11.63 -0.06 -1.31	12.88 0.17 -1.81	16.06 0.13 -1.44	15.84 0.04 -1.10	16.62 0.00 -0.58	17.26 0.24 -0.79	16.94 0.24 -0.82	15.98 0.27 -0.86	15.99 0.16 -0.89	15.41 0.12 -0.75	15.99 0.00 -0.73	17.34 0.03 -0.91	21.07 0.28 -2.02	24.08 0.34 -0.80	22.70 0.24 -0.55	20.53 0.35 -0.73	17.17 0.22 -0.91	15.99 0.20 -1.22	15.67 0.07 -1.14
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.67 0.86 -6.46	16.36 0.78 -6.06	15.51 0.79 -5.38	14.91 0.73 -5.52	16.02 0.85 -4.81	18.02 0.88 -6.76	21.28 1.01 -9.37	23.20 1.35 -7.37	21.85 1.54 -5.61	20.66 1.64 -2.98	21.88 1.74 -3.92	21.62 1.68 -4.05	20.51 1.57 -4.08	21.11 1.60 -4.58	19.93 1.54 -3.84	20.59 1.59 -3.74	22.65 1.69 -4.56	31.38 2.01 -10.60	29.44 2.41 -4.10	27.17 2.37 -2.89	25.36 2.10 -3.81	22.51 1.70 -4.77	22.41 1.43 -6.42	21.68 1.24 -5.97
YORK___WARBASSE 23770	18.36 1.22 -6.79	16.98 1.10 -6.37	15.96 1.05 -5.57	15.34 0.95 -5.72	16.47 1.12 -4.99	18.51 1.12 -7.00	21.85 1.24 -9.72	23.78 1.65 -7.64	25.42 1.85 -8.87	27.29 1.99 -9.26	23.31 2.11 -4.98	25.47 2.05 -7.53	25.51 1.92 -8.74	23.01 1.94 -6.14	20.56 1.86 -4.15	22.12 1.94 -4.92	25.23 2.08 -6.75	32.24 2.48 -11.00	30.19 3.00 -4.25	28.10 2.91 -3.28	26.25 2.59 -4.21	23.10 2.10 -4.95	23.01 1.79 -6.65	22.30 1.65 -6.18