

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/21/2024

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	23.70	23.28	22.58	24.48	24.21	24.88	35.10	32.82	21.85	28.39	26.95	31.11	25.95	24.02	32.57	35.21	21.51	22.29	22.51	21.64	21.07	21.77	22.23	18.82
24138	1.54	1.35	1.31	1.48	1.49	1.78	2.63	2.70	1.87	2.47	2.38	2.46	2.04	1.74	1.58	1.46	1.69	1.94	2.11	1.94	1.91	1.84	1.74	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.63	-10.54	-14.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	23.76	23.35	22.66	24.57	24.29	24.95	35.16	32.86	21.87	28.39	26.96	31.11	25.95	24.02	32.53	35.18	21.52	22.31	22.51	21.64	21.09	21.79	22.25	18.85
24260	1.60	1.42	1.39	1.56	1.57	1.85	2.69	2.74	1.90	2.47	2.38	2.47	2.05	1.74	1.58	1.48	1.70	1.95	2.12	1.95	1.92	1.86	1.76	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.63	-10.51	-14.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	23.76	23.35	22.66	24.57	24.29	24.95	35.16	32.86	21.87	28.39	26.96	31.11	25.95	24.02	32.53	35.18	21.52	22.31	22.51	21.64	21.09	21.79	22.25	18.85
24261	1.60	1.42	1.39	1.56	1.57	1.85	2.69	2.74	1.90	2.47	2.38	2.47	2.05	1.74	1.58	1.48	1.70	1.95	2.12	1.95	1.92	1.86	1.76	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.63	-10.51	-14.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	23.27	22.96	22.25	23.97	23.78	24.28	34.19	31.73	20.95	27.17	25.67	29.54	24.41	22.10	20.96	19.82	20.71	21.45	21.62	20.87	20.26	20.96	21.48	18.23
24011	1.11	1.03	0.98	0.97	1.06	1.17	1.73	1.62	0.97	1.25	1.10	0.89	0.50	0.44	0.51	0.60	0.88	1.10	1.23	1.17	1.09	1.03	0.99	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23.41	23.08	22.36	24.04	23.87	24.39	34.39	31.90	21.04	27.27	25.76	29.56	24.40	22.10	21.00	19.89	20.82	21.59	21.76	21.03	20.34	21.03	21.57	18.32
23798	1.25	1.15	1.09	1.03	1.14	1.29	1.93	1.78	1.06	1.35	1.19	0.90	0.49	0.45	0.55	0.67	1.00	1.23	1.36	1.33	1.17	1.10	1.08	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	23.27	22.96	22.25	23.97	23.78	24.28	34.19	31.73	20.95	27.17	25.67	29.54	24.41	22.10	20.96	19.82	20.71	21.45	21.62	20.87	20.26	20.96	21.48	18.23
24028	1.11	1.03	0.98	0.97	1.06	1.17	1.73	1.62	0.97	1.25	1.10	0.89	0.50	0.44	0.51	0.60	0.88	1.10	1.23	1.17	1.09	1.03	0.99	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23.84	23.56	22.87	24.70	24.44	24.80	34.75	32.32	21.47	27.88	26.38	30.41	25.36	23.07	23.48	22.72	21.29	21.89	22.07	21.23	20.95	21.72	22.26	18.90
23527	1.68	1.63	1.60	1.69	1.72	1.70	2.28	2.20	1.50	1.96	1.81	1.76	1.45	1.33	1.51	1.42	1.47	1.54	1.68	1.53	1.78	1.79	1.77	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-1.51	-2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	22.87	22.66	22.01	23.79	23.46	23.69	33.05	30.74	20.42	26.61	25.12	28.98	23.95	21.70	20.55	19.34	20.03	20.67	20.83	20.11	19.68	20.54	21.00	17.87
24190	0.71	0.73	0.74	0.79	0.74	0.58	0.59	0.62	0.45	0.69	0.54	0.33	0.04	0.05	0.10	0.13	0.21	0.31	0.44	0.41	0.51	0.61	0.50	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	21.88	21.78	21.13	22.88	22.55	22.81	32.13	29.67	19.63	25.63	24.35	28.66	24.03	21.78	20.58	19.26	19.47	19.76	19.85	19.28	17.44	19.17	18.48	17.18
355683	-0.28	-0.15	-0.14	-0.13	-0.17	-0.29	-0.34	-0.45	-0.34	-0.30	-0.23	0.01	0.12	0.13	0.13	0.04	-0.35	-0.59	-0.54	-0.43	-0.42	-0.34	-0.24	-0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	0.42	1.77	0.00
ALBANY_1_SOLAR	23.28	23.03	22.36	24.16	23.86	24.23	33.92	31.44	20.69	26.74	25.29	29.30	24.28	21.95	20.72	19.55	20.43	21.19	21.38	20.61	20.06	20.85	21.35	18.15
323833	1.12	1.10	1.08	1.16	1.14	1.13	1.46	1.32	0.72	0.81	0.72	0.65	0.37	0.30	0.27	0.33	0.61	0.84	0.98	0.91	0.89	0.92	0.86	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	23.27	23.03	22.35	24.16	23.86	24.22	33.92	31.43	20.69	26.74	25.29	29.30	24.28	21.95	20.72	19.54	20.43	21.19	21.37	20.60	20.06	20.85	21.35	18.14
323834	1.11	1.10	1.08	1.15	1.14	1.12	1.45	1.31	0.72	0.81	0.71	0.65	0.37	0.30	0.27	0.33	0.61	0.83	0.97	0.90	0.89	0.92	0.86	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	22.87	22.66	22.01	23.79	23.46	23.69	33.05	30.74	20.42	26.61	25.12	28.98	23.95	21.70	20.55	19.34	20.03	20.67	20.83	20.11	19.68	20.54	21.00	17.87
23571	0.71	0.73	0.74	0.79	0.74	0.58	0.59	0.62	0.45	0.69	0.54	0.33	0.04	0.05	0.10	0.13	0.21	0.31	0.44	0.41	0.51	0.61	0.50	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	22.87 0.71 0.00	22.66 0.73 0.00	22.01 0.74 0.00	23.79 0.79 0.00	23.46 0.74 0.00	23.69 0.58 0.00	33.05 0.59 0.00	30.74 0.62 0.00	20.42 0.45 0.00	26.61 0.69 0.00	25.12 0.54 0.00	28.98 0.33 0.00	23.95 0.04 0.00	21.70 0.05 0.00	20.55 0.10 0.00	19.34 0.13 0.00	20.03 0.21 0.00	20.67 0.31 0.00	20.83 0.44 0.00	20.11 0.41 0.00	19.68 0.51 0.00	20.54 0.61 0.00	21.00 0.50 0.00	17.87 0.47 0.00
ALBANY___3 23573	22.87 0.71 0.00	22.66 0.73 0.00	22.01 0.74 0.00	23.79 0.79 0.00	23.46 0.74 0.00	23.69 0.58 0.00	33.05 0.59 0.00	30.74 0.62 0.00	20.42 0.45 0.00	26.61 0.69 0.00	25.12 0.54 0.00	28.98 0.33 0.00	23.95 0.04 0.00	21.70 0.05 0.00	20.55 0.10 0.00	19.34 0.13 0.00	20.03 0.21 0.00	20.67 0.31 0.00	20.83 0.44 0.00	20.11 0.41 0.00	19.68 0.51 0.00	20.54 0.61 0.00	21.00 0.50 0.00	17.87 0.47 0.00
ALBANY___4 23574	22.87 0.71 0.00	22.66 0.73 0.00	22.01 0.74 0.00	23.79 0.79 0.00	23.46 0.74 0.00	23.69 0.58 0.00	33.05 0.59 0.00	30.74 0.62 0.00	20.42 0.45 0.00	26.61 0.69 0.00	25.12 0.54 0.00	28.98 0.33 0.00	23.95 0.04 0.00	21.70 0.05 0.00	20.55 0.10 0.00	19.34 0.13 0.00	20.03 0.21 0.00	20.67 0.31 0.00	20.83 0.44 0.00	20.11 0.41 0.00	19.68 0.51 0.00	20.54 0.61 0.00	21.00 0.50 0.00	17.87 0.47 0.00
ALBANY___LFGE 323615	23.05 0.89 0.00	22.83 0.90 0.00	22.17 0.89 0.00	23.95 0.95 0.00	23.64 0.92 0.00	23.92 0.81 0.00	33.43 0.96 0.00	31.10 0.98 0.00	20.65 0.68 0.00	26.89 0.97 0.00	25.39 0.82 0.00	29.32 0.67 0.00	24.21 0.30 0.00	21.93 0.29 0.00	20.76 0.31 0.00	19.55 0.33 0.00	20.27 0.45 0.00	20.94 0.58 0.00	21.10 0.71 0.00	20.33 0.64 0.00	19.88 0.71 0.00	20.71 0.78 0.00	21.17 0.68 0.00	18.00 0.60 0.00
ALCOA_PA_115KV_PL-6C 55860	21.96 -0.20 0.00	21.87 -0.06 0.00	21.21 -0.06 0.00	22.97 -0.04 0.00	22.64 -0.09 0.00	22.88 -0.22 0.00	32.24 -0.23 0.00	29.77 -0.35 0.00	19.67 -0.30 0.00	25.67 -0.26 0.00	24.37 -0.20 0.00	28.69 0.04 0.00	24.06 0.15 0.00	21.82 0.17 0.00	20.61 0.17 0.00	19.29 0.08 0.00	19.54 -0.28 0.00	19.87 -0.49 0.00	19.94 -0.45 0.00	19.32 -0.38 0.00	17.52 -0.39 1.26	19.31 -0.30 0.31	19.50 -0.19 0.80	18.20 -0.18 -0.98
ALCOA_RYNLDS___DRP 24188	21.96 -0.20 0.00	21.87 -0.06 0.00	21.21 -0.06 0.00	22.97 -0.04 0.00	22.64 -0.09 0.00	22.88 -0.22 0.00	32.24 -0.23 0.00	29.77 -0.35 0.00	19.67 -0.30 0.00	25.67 -0.26 0.00	24.37 -0.20 0.00	28.69 0.04 0.00	24.06 0.15 0.00	21.82 0.17 0.00	20.61 0.17 0.00	19.29 0.08 0.00	19.54 -0.28 0.00	19.87 -0.49 0.00	19.94 -0.45 0.00	19.32 -0.38 0.00	17.52 -0.39 1.26	19.31 -0.30 0.31	19.50 -0.19 0.80	18.20 -0.18 -0.98
ALCOA___DSASP 323711	21.96 -0.20 0.00	21.87 -0.06 0.00	21.21 -0.06 0.00	22.97 -0.04 0.00	22.64 -0.09 0.00	22.89 -0.22 0.00	32.24 -0.23 0.00	29.77 -0.35 0.00	19.67 -0.30 0.00	25.67 -0.26 0.00	24.37 -0.20 0.00	28.69 0.04 0.00	24.06 0.15 0.00	21.82 0.17 0.00	20.61 0.17 0.00	19.30 0.08 0.00	19.54 -0.28 0.00	19.87 -0.48 0.00	19.94 -0.45 0.00	19.32 -0.38 0.00	17.52 -0.39 1.26	19.31 -0.30 0.31	19.50 -0.19 0.80	18.20 -0.18 -0.98
ALLEGHENY___COGEN 23514	22.16 -0.12 -0.11	22.29 0.05 -0.31	21.52 -0.07 -0.31	23.28 0.03 -0.25	23.01 0.12 -0.17	23.39 0.09 -0.20	32.52 -0.01 -0.06	30.48 0.36 0.00	19.93 -0.04 0.00	25.20 -0.73 0.00	23.73 -0.85 0.00	27.48 -1.17 0.00	23.07 -0.83 0.00	20.77 -0.88 0.00	19.60 -0.85 0.00	18.76 -0.46 0.00	20.01 0.19 0.00	20.93 0.57 0.00	20.81 0.42 0.00	19.94 0.19 -0.05	19.29 0.12 0.00	19.76 -0.17 0.00	20.35 -0.14 0.00	17.30 -0.10 0.00
ALTAMONT_115KV_TB 2 55880	22.97 0.80 0.00	22.69 0.76 0.00	22.02 0.75 0.00	23.81 0.80 0.00	23.52 0.80 0.00	23.95 0.85 0.00	33.61 1.15 0.00	31.25 1.13 0.00	20.73 0.76 0.00	26.89 0.96 0.00	25.46 0.88 0.00	29.47 0.82 0.00	24.45 0.54 0.00	22.10 0.45 0.00	20.87 0.42 0.00	19.64 0.42 0.00	20.38 0.56 0.00	21.07 0.71 0.00	21.20 0.81 0.00	20.44 0.74 0.00	19.89 0.73 0.00	20.65 0.72 0.00	21.14 0.65 0.00	17.95 0.55 0.00
ALTONA_WT_PWR 323606	22.01 -0.16 0.00	21.94 0.01 0.00	21.11 -0.16 0.00	22.84 -0.16 0.00	22.60 -0.13 0.00	23.02 -0.08 0.00	32.35 -0.12 0.00	29.78 -0.34 0.00	19.63 -0.34 0.00	25.69 -0.23 0.00	24.45 -0.13 0.00	28.83 0.17 0.00	24.31 0.40 0.00	22.15 0.50 0.00	20.87 0.43 0.00	19.51 0.29 0.00	19.55 -0.27 0.00	20.16 -0.20 0.00	20.09 -0.31 0.00	19.08 -0.62 0.00	17.06 -0.82 1.29	15.02 -0.92 3.99	-17.48 -0.82 37.15	-21.06 -0.72 37.75
AMERICAN_REF_FUEL 24010	18.59 -2.20 1.37	16.23 -1.96 3.74	15.74 -1.85 3.69	18.11 -1.92 2.97	18.51 -2.20 2.01	18.32 -2.34 2.44	25.49 -4.17 2.81	22.02 -3.48 4.62	15.31 -2.28 2.38	21.80 -2.98 1.15	21.30 -2.89 0.39	24.01 -3.39 1.25	20.45 -2.72 0.74	18.67 -2.52 0.45	17.57 -2.39 0.49	16.29 -2.02 0.90	15.50 -1.69 2.63	17.70 -1.63 1.03	13.52 -1.91 4.96	17.03 -2.05 0.62	15.62 -1.89 1.66	16.47 -2.11 1.35	16.17 -2.28 2.05	13.49 -1.77 2.14
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.80 -1.60 1.76	15.48 -1.66 4.79	15.05 -1.49 4.72	17.71 -1.49 3.80	18.46 -1.69 2.58	18.39 -1.58 3.13	26.40 -2.49 3.58	22.05 -2.18 5.89	15.57 -1.37 3.04	22.96 -1.50 1.47	22.51 -1.57 0.50	25.16 -1.90 1.60	21.34 -1.63 0.94	19.53 -1.54 0.57	18.36 -1.46 0.63	16.97 -1.10 1.15	15.60 -0.87 3.35	18.46 -0.58 1.31	13.04 -1.03 6.32	17.66 -1.24 0.79	15.79 -1.27 2.11	16.67 -1.53 1.72	15.98 -1.89 2.61	13.38 -1.29 2.72
ARTHUR KILL_GT_1 23520	23.65 1.49 0.00	23.23 1.30 0.00	22.54 1.27 0.00	24.45 1.44 0.00	24.20 1.48 0.00	24.86 1.76 0.00	34.97 2.49 -0.01	32.68 2.55 -0.01	21.74 1.75 -0.02	107.84 2.22 -79.70	164.21 2.13 -137.51	30.93 2.21 -0.08	25.77 1.81 -0.05	23.87 1.57 -0.65	32.39 1.43 -10.52	35.04 1.33 -14.50	21.41 1.55 -0.04	111.40 1.78 -89.26	102.52 1.96 -80.17	132.68 1.79 -111.20	81.23 1.79 -60.28	59.38 1.77 -37.68	47.22 1.67 -25.06	18.82 1.40 -0.02
ARTHUR_KILL_2 23512	23.59 1.43 0.00	23.16 1.23 0.00	22.48 1.21 0.00	24.38 1.37 0.00	24.14 1.41 0.00	24.79 1.69 0.00	34.87 2.39 -0.01	32.58 2.46 -0.01	21.68 1.69 -0.02	107.76 2.14 -79.70	164.14 2.05 -137.51	30.84 2.12 -0.08	25.69 1.74 -0.05	23.81 1.50 -0.65	32.33 1.37 -10.52	34.98 1.27 -14.50	21.35 1.49 -0.04	111.33 1.72 -89.26	102.46 1.90 -80.17	132.62 1.72 -111.20	81.17 1.73 -60.28	59.32 1.71 -37.68	47.16 1.61 -25.06	18.77 1.35 -0.02
ARTHUR_KILL_3 23513	23.51 1.35 0.00	23.10 1.16 0.00	22.41 1.14 0.00	24.30 1.30 0.00	24.04 1.32 0.00	24.69 1.59 0.00	34.81 2.33 -0.01	32.53 2.40 -0.01	21.65 1.66 -0.02	107.76 2.15 -79.69	164.15 2.07 -137.51	30.82 2.10 -0.07	25.68 1.73 -0.05	23.76 1.46 -0.65	32.28 1.30 -10.52	34.94 1.22 -14.51	21.31 1.45 -0.03	108.84 1.72 -86.77	100.22 1.90 -77.93	129.53 1.74 -108.09	62.87 1.73 -41.97	46.79 1.65 -25.20	46.40 1.55 -24.35	18.68 1.27 -0.01

ARTHUR_KILL_COGEN 323718	23.65 1.49 0.00	23.23 1.30 0.00	22.54 1.27 0.00	24.45 1.44 0.00	24.20 1.48 0.00	24.86 1.76 0.00	34.97 2.49 -0.01	32.68 2.55 -0.01	21.74 1.75 -0.02	107.84 2.22 -79.70	164.21 2.13 -137.51	30.93 2.21 -0.08	25.77 1.81 -0.05	23.87 1.57 -0.65	32.39 1.43 -10.52	35.04 1.33 -14.50	21.41 1.55 -0.04	111.40 1.78 -89.26	102.52 1.96 -80.17	132.68 1.79 -111.20	81.23 1.79 -60.28	59.38 1.77 -37.68	47.22 1.67 -25.06	18.82 1.40 -0.02
ASHOKAN____ 23654	23.93 1.77 0.00	23.65 1.72 0.00	22.95 1.68 0.00	24.79 1.79 0.00	24.53 1.81 0.00	24.99 1.89 0.00	35.10 2.63 0.00	32.71 2.59 0.00	21.56 1.59 0.00	27.78 1.86 0.00	26.11 1.54 0.00	30.06 1.42 0.00	24.97 1.07 0.00	22.55 0.90 0.00	21.27 0.82 0.00	20.13 0.91 0.00	21.08 1.26 0.00	22.00 1.64 0.00	22.27 1.88 0.00	21.45 1.75 0.00	20.85 1.68 0.00	21.60 1.67 0.00	22.05 1.56 0.00	18.67 1.27 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.57 1.41 0.00	23.17 1.24 0.00	22.47 1.20 0.00	24.34 1.34 0.00	24.14 1.41 0.00	24.80 1.70 0.00	34.78 2.31 0.00	32.61 2.49 0.00	21.67 1.70 0.00	28.06 2.13 -0.01	26.58 2.00 -0.01	30.85 2.19 -0.01	25.75 1.83 -0.01	23.87 1.58 -0.63	32.39 1.43 -10.51	35.03 1.32 -14.50	21.29 1.46 -0.01	22.04 1.68 -0.01	22.23 1.83 -0.01	21.34 1.64 -0.01	20.86 1.68 -0.01	21.57 1.64 -0.01	22.03 1.53 -0.01	18.74 1.34 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.57 1.41 0.00	23.17 1.24 0.00	22.47 1.20 0.00	24.34 1.34 0.00	24.14 1.41 0.00	24.80 1.70 0.00	34.78 2.31 0.00	32.61 2.49 0.00	21.67 1.70 0.00	28.06 2.13 -0.01	26.58 2.00 -0.01	30.85 2.19 -0.01	25.75 1.83 -0.01	23.87 1.58 -0.63	32.39 1.43 -10.51	35.03 1.32 -14.50	21.29 1.46 -0.01	22.04 1.68 -0.01	22.23 1.83 -0.01	21.34 1.64 -0.01	20.86 1.68 -0.01	21.57 1.64 -0.01	22.03 1.53 -0.01	18.74 1.34 0.00
ASTORIA_GT2_1 24094	23.58 1.42 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.36 1.35 0.00	24.15 1.43 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.62 2.50 0.00	21.69 1.71 0.00	28.11 2.19 -0.01	26.68 2.09 -0.01	30.86 2.21 -0.01	25.77 1.85 -0.01	23.88 1.59 -0.63	32.39 1.43 -10.51	35.04 1.33 -14.50	21.30 1.48 -0.01	22.07 1.70 -0.01	22.25 1.85 -0.01	21.38 1.68 -0.01	20.87 1.70 -0.01	21.59 1.65 -0.01	22.04 1.54 -0.01	18.74 1.34 0.00
ASTORIA_GT2_2 24095	23.58 1.42 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.36 1.35 0.00	24.15 1.43 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.62 2.50 0.00	21.69 1.71 0.00	28.11 2.19 -0.01	26.68 2.09 -0.01	30.86 2.21 -0.01	25.77 1.85 -0.01	23.88 1.59 -0.63	32.39 1.43 -10.51	35.04 1.33 -14.50	21.30 1.48 -0.01	22.07 1.70 -0.01	22.25 1.85 -0.01	21.38 1.68 -0.01	20.87 1.70 -0.01	21.59 1.65 -0.01	22.04 1.54 -0.01	18.74 1.34 0.00
ASTORIA_GT2_3 24096	23.58 1.42 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.36 1.35 0.00	24.15 1.43 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.62 2.50 0.00	21.69 1.71 0.00	28.11 2.19 -0.01	26.68 2.09 -0.01	30.86 2.21 -0.01	25.77 1.85 -0.01	23.88 1.59 -0.63	32.39 1.43 -10.51	35.04 1.33 -14.50	21.30 1.48 -0.01	22.07 1.70 -0.01	22.25 1.85 -0.01	21.38 1.68 -0.01	20.87 1.70 -0.01	21.59 1.65 -0.01	22.04 1.54 -0.01	18.74 1.34 0.00
ASTORIA_GT2_4 24097	23.58 1.42 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.36 1.35 0.00	24.15 1.43 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.62 2.50 0.00	21.69 1.71 0.00	28.11 2.19 -0.01	26.68 2.09 -0.01	30.86 2.21 -0.01	25.77 1.85 -0.01	23.88 1.59 -0.63	32.39 1.43 -10.51	35.04 1.33 -14.50	21.30 1.48 -0.01	22.07 1.70 -0.01	22.25 1.85 -0.01	21.38 1.68 -0.01	20.87 1.70 -0.01	21.59 1.65 -0.01	22.04 1.54 -0.01	18.74 1.34 0.00
ASTORIA_GT3_1 24098	23.58 1.42 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.36 1.35 0.00	24.15 1.43 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.62 2.50 0.00	21.69 1.71 0.00	28.11 2.19 -0.01	26.68 2.09 -0.01	30.86 2.21 -0.01	25.77 1.85 -0.01	23.88 1.59 -0.63	32.39 1.43 -10.51	35.04 1.33 -14.50	21.30 1.48 -0.01	22.07 1.70 -0.01	22.25 1.85 -0.01	21.38 1.68 -0.01	20.87 1.70 -0.01	21.59 1.65 -0.01	22.04 1.54 -0.01	18.74 1.34 0.00
ASTORIA_GT3_2 24099	23.58 1.42 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.36 1.35 0.00	24.15 1.43 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.62 2.50 0.00	21.69 1.71 0.00	28.11 2.19 -0.01	26.68 2.09 -0.01	30.86 2.21 -0.01	25.77 1.85 -0.01	23.88 1.59 -0.63	32.39 1.43 -10.51	35.04 1.33 -14.50	21.30 1.48 -0.01	22.07 1.70 -0.01	22.25 1.85 -0.01	21.38 1.68 -0.01	20.87 1.70 -0.01	21.59 1.65 -0.01	22.04 1.54 -0.01	18.74 1.34 0.00
ASTORIA_GT3_3 24100	23.58 1.42 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.36 1.35 0.00	24.15 1.43 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.62 2.50 0.00	21.69 1.71 0.00	28.11 2.19 -0.01	26.68 2.09 -0.01	30.86 2.21 -0.01	25.77 1.85 -0.01	23.88 1.59 -0.63	32.39 1.43 -10.51	35.04 1.33 -14.50	21.30 1.48 -0.01	22.07 1.70 -0.01	22.25 1.85 -0.01	21.38 1.68 -0.01	20.87 1.70 -0.01	21.59 1.65 -0.01	22.04 1.54 -0.01	18.74 1.34 0.00
ASTORIA_GT3_4 24101	23.58 1.42 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.36 1.35 0.00	24.15 1.43 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.62 2.50 0.00	21.69 1.71 0.00	28.11 2.19 -0.01	26.68 2.09 -0.01	30.86 2.21 -0.01	25.77 1.85 -0.01	23.88 1.59 -0.63	32.39 1.43 -10.51	35.04 1.33 -14.50	21.30 1.48 -0.01	22.07 1.70 -0.01	22.25 1.85 -0.01	21.38 1.68 -0.01	20.87 1.70 -0.01	21.59 1.65 -0.01	22.04 1.54 -0.01	18.74 1.34 0.00
ASTORIA_GT4_1 24102	23.58 1.42 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.36 1.35 0.00	24.15 1.43 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.62 2.50 0.00	21.69 1.71 0.00	28.11 2.19 -0.01	26.68 2.09 -0.01	30.86 2.21 -0.01	25.77 1.85 -0.01	23.88 1.59 -0.63	32.39 1.43 -10.51	35.04 1.33 -14.50	21.30 1.48 -0.01	22.07 1.70 -0.01	22.25 1.85 -0.01	21.38 1.68 -0.01	20.87 1.70 -0.01	21.59 1.65 -0.01	22.04 1.54 -0.01	18.74 1.34 0.00
ASTORIA_GT4_2 24103	23.58 1.42 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.36 1.35 0.00	24.15 1.43 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.62 2.50 0.00	21.69 1.71 0.00	28.11 2.19 -0.01	26.68 2.09 -0.01	30.86 2.21 -0.01	25.77 1.85 -0.01	23.88 1.59 -0.63	32.39 1.43 -10.51	35.04 1.33 -14.50	21.30 1.48 -0.01	22.07 1.70 -0.01	22.25 1.85 -0.01	21.38 1.68 -0.01	20.87 1.70 -0.01	21.59 1.65 -0.01	22.04 1.54 -0.01	18.74 1.34 0.00
ASTORIA_GT4_3 24104	23.58 1.42 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.36 1.35 0.00	24.15 1.43 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.62 2.50 0.00	21.69 1.71 0.00	28.11 2.19 -0.01	26.68 2.09 -0.01	30.86 2.21 -0.01	25.77 1.85 -0.01	23.88 1.59 -0.63	32.39 1.43 -10.51	35.04 1.33 -14.50	21.30 1.48 -0.01	22.07 1.70 -0.01	22.25 1.85 -0.01	21.38 1.68 -0.01	20.87 1.70 -0.01	21.59 1.65 -0.01	22.04 1.54 -0.01	18.74 1.34 0.00

ASTORIA_GT4_4 24105	23.58 1.42 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.36 1.35 0.00	24.15 1.43 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.62 2.50 0.00	21.69 1.71 0.00	28.11 2.19 -0.01	26.68 2.09 -0.01	30.86 2.21 -0.01	25.77 1.85 -0.01	23.88 1.59 -0.63	32.39 1.43 -10.51	35.04 1.33 -14.50	21.30 1.48 -0.01	22.07 1.70 -0.01	22.25 1.85 -0.01	21.38 1.68 -0.01	20.87 1.70 -0.01	21.59 1.65 -0.01	22.04 1.54 -0.01	18.74 1.34 0.00
ASTORIA_GT_1 23523	23.62 1.46 0.00	23.22 1.29 0.00	22.51 1.24 0.00	24.39 1.39 0.00	24.19 1.47 0.00	24.85 1.75 0.00	34.86 2.38 0.00	32.69 2.57 0.00	21.73 1.76 0.00	28.13 2.20 -0.01	26.65 2.07 -0.01	30.93 2.28 -0.01	25.81 1.90 -0.01	23.93 1.64 -0.63	32.44 1.48 -10.51	35.08 1.37 -14.50	21.35 1.52 -0.01	22.10 1.74 -0.01	22.29 1.89 -0.01	21.40 1.70 -0.01	20.91 1.73 -0.01	21.62 1.68 -0.01	22.07 1.58 -0.01	18.78 1.37 0.00
ASTORIA_GT_10 24110	23.63 1.47 0.00	23.22 1.29 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.18 1.45 0.00	24.84 1.73 0.00	34.95 2.48 0.00	32.72 2.60 0.00	21.77 1.80 0.00	42.13 2.29 -13.91	50.77 2.19 -24.00	30.95 2.29 -0.01	25.82 1.91 -0.01	23.92 1.63 -0.63	32.43 1.47 -10.51	35.08 1.37 -14.50	21.39 1.57 -0.01	37.31 1.80 -15.15	35.95 1.96 -13.61	40.34 1.77 -18.87	31.17 1.77 -10.23	28.04 1.72 -6.39	26.35 1.61 -4.25	18.76 1.35 0.00
ASTORIA_GT_11 24225	23.63 1.47 0.00	23.22 1.29 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.18 1.45 0.00	24.84 1.73 0.00	34.95 2.48 0.00	32.72 2.60 0.00	21.77 1.80 0.00	42.13 2.29 -13.91	50.77 2.19 -24.00	30.95 2.29 -0.01	25.82 1.91 -0.01	23.92 1.63 -0.63	32.43 1.47 -10.51	35.08 1.37 -14.50	21.39 1.57 -0.01	37.31 1.80 -15.15	35.95 1.96 -13.61	40.34 1.77 -18.87	31.17 1.77 -10.23	28.04 1.72 -6.39	26.35 1.61 -4.25	18.76 1.35 0.00
ASTORIA_GT_12 24226	23.63 1.47 0.00	23.22 1.29 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.18 1.45 0.00	24.84 1.73 0.00	34.95 2.48 0.00	32.72 2.60 0.00	21.77 1.80 0.00	42.13 2.29 -13.91	50.77 2.19 -24.00	30.95 2.29 -0.01	25.82 1.91 -0.01	23.92 1.63 -0.63	32.43 1.47 -10.51	35.08 1.37 -14.50	21.39 1.57 -0.01	37.31 1.80 -15.15	35.95 1.96 -13.61	40.34 1.77 -18.87	31.17 1.77 -10.23	28.04 1.72 -6.39	26.35 1.61 -4.25	18.76 1.35 0.00
ASTORIA_GT_13 24227	23.63 1.47 0.00	23.22 1.29 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.18 1.45 0.00	24.84 1.73 0.00	34.95 2.48 0.00	32.72 2.60 0.00	21.77 1.80 0.00	42.13 2.29 -13.91	50.77 2.19 -24.00	30.95 2.29 -0.01	25.82 1.91 -0.01	23.92 1.63 -0.63	32.43 1.47 -10.51	35.08 1.37 -14.50	21.39 1.57 -0.01	37.31 1.80 -15.15	35.95 1.96 -13.61	40.34 1.77 -18.87	31.17 1.77 -10.23	28.04 1.72 -6.39	26.35 1.61 -4.25	18.76 1.35 0.00
ASTORIA_GT_5 24106	23.62 1.46 0.00	23.22 1.29 0.00	22.52 1.25 0.00	24.39 1.39 0.00	24.19 1.47 0.00	24.85 1.75 0.00	34.86 2.39 0.00	32.68 2.56 0.00	21.73 1.75 0.00	28.18 2.25 -0.01	26.73 2.15 -0.01	30.93 2.27 -0.01	25.82 1.90 -0.01	23.92 1.64 -0.63	32.43 1.48 -10.51	35.08 1.37 -14.50	21.35 1.52 -0.01	22.12 1.76 -0.01	22.30 1.90 -0.01	21.43 1.72 -0.01	20.91 1.74 -0.01	21.63 1.69 -0.01	22.08 1.58 -0.01	18.77 1.37 0.00
ASTORIA_GT_7 24107	23.62 1.46 0.00	23.22 1.29 0.00	22.52 1.25 0.00	24.39 1.39 0.00	24.19 1.47 0.00	24.85 1.75 0.00	34.86 2.39 0.00	32.68 2.56 0.00	21.73 1.75 0.00	28.18 2.25 -0.01	26.73 2.15 -0.01	30.93 2.27 -0.01	25.82 1.90 -0.01	23.92 1.64 -0.63	32.43 1.48 -10.51	35.08 1.37 -14.50	21.35 1.52 -0.01	22.12 1.76 -0.01	22.30 1.90 -0.01	21.43 1.72 -0.01	20.91 1.74 -0.01	21.63 1.69 -0.01	22.08 1.58 -0.01	18.77 1.37 0.00
ASTORIA_GT_8 24108	23.62 1.46 0.00	23.22 1.29 0.00	22.52 1.25 0.00	24.39 1.39 0.00	24.19 1.47 0.00	24.85 1.75 0.00	34.86 2.39 0.00	32.68 2.56 0.00	21.73 1.75 0.00	28.18 2.25 -0.01	26.73 2.15 -0.01	30.93 2.27 -0.01	25.82 1.90 -0.01	23.92 1.64 -0.63	32.43 1.48 -10.51	35.08 1.37 -14.50	21.35 1.52 -0.01	22.12 1.76 -0.01	22.30 1.90 -0.01	21.43 1.72 -0.01	20.91 1.74 -0.01	21.63 1.69 -0.01	22.08 1.58 -0.01	18.77 1.37 0.00
ASTORIA___2 24149	23.58 1.42 0.00	23.18 1.25 0.00	22.47 1.20 0.00	24.35 1.35 0.00	24.15 1.42 0.00	24.81 1.71 0.00	34.79 2.32 0.00	32.62 2.50 0.00	21.69 1.71 0.00	28.07 2.14 -0.01	26.59 2.01 -0.01	30.87 2.21 -0.01	25.76 1.84 -0.01	23.88 1.59 -0.63	32.39 1.44 -10.51	35.04 1.33 -14.50	21.30 1.48 -0.01	22.05 1.69 -0.01	22.24 1.84 -0.01	21.36 1.65 -0.01	20.86 1.69 -0.01	21.58 1.64 -0.01	22.04 1.53 -0.01	18.75 1.35 0.00
ASTORIA___3 23516	23.63 1.47 0.00	23.22 1.29 0.00	22.52 1.25 0.00	24.42 1.41 0.00	24.18 1.45 0.00	24.83 1.73 0.00	34.95 2.48 0.00	32.72 2.60 0.00	21.77 1.79 0.00	42.11 2.28 -13.91	50.75 2.17 -24.00	30.96 2.29 -0.01	25.81 1.90 -0.01	23.92 1.63 -0.63	32.43 1.48 -10.51	35.07 1.36 -14.50	21.40 1.57 -0.01	37.30 1.80 -15.15	35.96 1.96 -13.61	40.34 1.77 -18.87	31.17 1.77 -10.23	28.04 1.72 -6.39	26.36 1.61 -4.25	18.76 1.36 0.00
ASTORIA___4 23517	23.63 1.47 0.00	23.22 1.29 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.18 1.45 0.00	24.84 1.73 0.00	34.95 2.48 0.00	32.72 2.60 0.00	21.77 1.80 0.00	42.13 2.29 -13.91	50.77 2.19 -24.00	30.95 2.29 -0.01	25.82 1.91 -0.01	23.92 1.63 -0.63	32.43 1.47 -10.51	35.08 1.37 -14.50	21.39 1.57 -0.01	37.31 1.80 -15.15	35.95 1.96 -13.61	40.34 1.77 -18.87	31.17 1.77 -10.23	28.04 1.72 -6.39	26.35 1.61 -4.25	18.76 1.35 0.00
ASTORIA___5 23518	23.63 1.47 0.00	23.22 1.29 0.00	22.52 1.25 0.00	24.42 1.41 0.00	24.18 1.45 0.00	24.83 1.73 0.00	34.95 2.48 0.00	32.72 2.60 0.00	21.77 1.79 0.00	42.11 2.28 -13.91	50.75 2.17 -24.00	30.96 2.29 -0.01	25.81 1.90 -0.01	23.92 1.63 -0.63	32.43 1.48 -10.51	35.07 1.36 -14.50	21.40 1.57 -0.01	37.30 1.80 -15.15	35.96 1.96 -13.61	40.34 1.77 -18.87	31.17 1.77 -10.23	28.04 1.72 -6.39	26.36 1.61 -4.25	18.76 1.36 0.00
AST_ENERGY_2_CC3 323677	23.60 1.43 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.40 0.00	24.78 1.67 0.00	34.91 2.44 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.18 2.26 0.00	26.76 2.19 0.00	30.88 2.23 0.00	25.75 1.84 0.00	23.84 1.56 -0.63	32.38 1.41 -10.52	35.03 1.30 -14.51	21.36 1.54 0.00	22.13 1.78 0.00	22.35 1.96 0.00	21.50 1.80 0.00	20.95 1.78 0.00	21.64 1.71 0.00	22.10 1.61 0.00	18.72 1.32 0.00
AST_ENERGY_2_CC4 323678	23.60 1.43 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.40 0.00	24.78 1.67 0.00	34.91 2.44 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.18 2.26 0.00	26.76 2.19 0.00	30.88 2.23 0.00	25.75 1.84 0.00	23.84 1.56 -0.63	32.38 1.41 -10.52	35.03 1.30 -14.51	21.36 1.54 0.00	22.13 1.78 0.00	22.35 1.96 0.00	21.50 1.80 0.00	20.95 1.78 0.00	21.64 1.71 0.00	22.10 1.61 0.00	18.72 1.32 0.00

ATHENS_STG_1 23668	23.12 0.96 0.00	22.80 0.87 0.00	22.12 0.85 0.00	23.91 0.91 0.00	23.65 0.92 0.00	24.13 1.03 0.00	33.92 1.46 0.00	31.58 1.47 0.00	20.98 1.01 0.00	27.21 1.28 0.00	25.79 1.21 0.00	29.83 1.18 0.00	24.82 0.92 0.00	22.52 0.77 -0.09	22.73 0.71 -1.58	22.07 0.67 -2.18	20.65 0.83 0.00	21.36 1.00 0.00	21.51 1.11 0.00	20.72 1.02 0.00	20.18 1.01 0.00	20.90 0.97 0.00	21.41 0.91 0.00	18.16 0.76 0.00
ATHENS_STG_2 23670	23.12 0.96 0.00	22.80 0.87 0.00	22.12 0.85 0.00	23.91 0.91 0.00	23.65 0.92 0.00	24.13 1.03 0.00	33.92 1.46 0.00	31.58 1.47 0.00	20.98 1.01 0.00	27.21 1.28 0.00	25.79 1.21 0.00	29.83 1.18 0.00	24.82 0.92 0.00	22.52 0.77 -0.09	22.73 0.71 -1.58	22.07 0.67 -2.18	20.65 0.83 0.00	21.36 1.00 0.00	21.51 1.11 0.00	20.72 1.02 0.00	20.18 1.01 0.00	20.90 0.97 0.00	21.41 0.91 0.00	18.16 0.76 0.00
ATHENS_STG_3 23677	23.12 0.96 0.00	22.80 0.87 0.00	22.12 0.85 0.00	23.91 0.91 0.00	23.65 0.92 0.00	24.13 1.03 0.00	33.92 1.46 0.00	31.58 1.47 0.00	20.98 1.01 0.00	27.21 1.28 0.00	25.79 1.21 0.00	29.83 1.18 0.00	24.82 0.92 0.00	22.52 0.77 -0.09	22.73 0.71 -1.58	22.07 0.67 -2.18	20.65 0.83 0.00	21.36 1.00 0.00	21.51 1.11 0.00	20.72 1.02 0.00	20.18 1.01 0.00	20.90 0.97 0.00	21.41 0.91 0.00	18.16 0.76 0.00
AUBURN___LFGE 323710	22.02 -0.14 0.00	21.80 -0.13 0.00	21.02 -0.25 0.00	22.71 -0.29 0.00	22.54 -0.18 0.00	23.01 -0.10 0.00	32.32 -0.15 0.01	30.41 0.29 0.00	20.13 0.16 0.00	25.52 -0.41 0.00	23.99 -0.59 0.00	27.81 -0.84 0.00	23.19 -0.72 0.00	21.02 -0.63 0.00	19.86 -0.59 0.00	18.77 -0.44 0.00	19.60 -0.22 0.00	20.32 -0.03 0.00	20.27 -0.12 0.00	19.50 -0.20 0.00	18.96 -0.21 0.00	19.62 -0.31 0.00	20.20 -0.30 0.00	17.20 -0.21 0.00
BABYLON_RES_REC 323704	45.08 1.99 -20.93	23.69 1.76 0.00	23.25 1.77 -0.21	31.02 1.98 -6.03	57.67 2.00 -32.94	25.25 2.15 0.00	35.45 2.99 0.00	37.70 2.87 -4.72	24.05 1.95 -2.13	28.45 2.52 0.00	28.68 2.60 -1.50	31.35 2.70 0.00	26.09 2.18 0.00	24.14 1.85 -0.64	34.64 1.82 -12.38	87.23 1.73 -66.28	41.61 1.94 -19.84	22.42 2.06 0.00	25.39 2.32 -2.69	22.71 2.12 -0.89	21.36 2.08 -0.11	22.67 2.05 -0.69	22.54 2.04 0.00	23.44 1.76 -4.28
BABYLON___69_KV_BK2 356345	45.35 2.25 -20.93	23.93 2.00 0.00	23.50 2.02 -0.21	31.29 2.25 -6.03	57.94 2.27 -32.94	25.53 2.42 0.00	35.83 3.37 0.00	50.56 3.19 -17.24	29.93 2.16 -7.79	28.72 2.79 0.00	28.93 2.85 -1.50	31.63 2.99 0.00	26.34 2.43 0.00	24.32 2.03 -0.64	34.81 1.99 -12.38	87.41 1.92 -66.28	47.67 2.13 -25.71	22.61 2.26 0.00	32.58 2.51 -9.67	25.28 2.32 -3.26	21.84 2.27 -0.40	22.86 2.24 -0.69	22.73 2.24 0.00	23.63 1.94 -4.28
BALL_HILL_WT_PWR 323825	18.98 -1.47 1.71	15.85 -1.42 4.66	15.34 -1.35 4.59	17.97 -1.33 3.70	18.74 -1.48 2.50	18.54 -1.51 3.05	26.35 -2.64 3.48	22.28 -2.10 5.73	15.66 -1.36 2.95	22.85 -1.64 1.43	22.42 -1.67 0.48	25.08 -2.01 1.56	21.31 -1.68 0.92	19.52 -1.57 0.56	18.34 -1.50 0.61	16.91 -1.19 1.12	15.65 -0.90 3.26	18.38 -0.69 1.28	13.20 -1.04 6.15	17.75 -1.18 0.77	15.98 -1.13 2.06	16.90 -1.35 1.68	16.35 -1.60 2.54	13.55 -1.20 2.65
BARON_WINDS___WT_PWR 323822	22.30 -0.84 -0.97	23.99 -0.59 -2.65	23.16 -0.73 -2.61	24.41 -0.70 -2.11	23.66 -0.49 -1.43	24.26 -0.58 -1.74	33.48 -0.93 -1.95	32.69 -0.67 -3.25	21.22 -0.43 -1.68	26.22 -0.51 -0.81	24.21 -0.64 -0.27	28.57 -0.97 -0.88	23.66 -0.77 -0.52	21.25 -0.72 -0.32	20.08 -0.71 -0.35	19.31 -0.54 -0.63	21.40 -0.27 -1.86	21.07 -0.01 -0.72	23.66 -0.23 -3.49	19.79 -0.35 -0.44	19.91 -0.42 -1.17	20.08 -0.81 -0.95	21.17 -0.77 -1.44	18.27 -0.64 -1.51
BARRETT_IC_1 23704	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.77 -6.03	57.42 1.75 -32.94	25.01 1.90 0.00	35.09 2.62 0.00	32.62 2.50 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.51 2.42 -1.51	31.19 2.53 -0.01	25.98 2.07 -0.01	24.02 1.73 -0.64	34.46 1.64 -12.38	87.02 1.52 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.98 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.21 1.53 -4.28
BARRETT_IC_10 23701	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.77 -6.03	57.42 1.75 -32.94	25.01 1.90 0.00	35.09 2.62 0.00	32.62 2.50 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.51 2.42 -1.51	31.19 2.53 -0.01	25.98 2.07 -0.01	24.02 1.73 -0.64	34.46 1.64 -12.38	87.02 1.52 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.98 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.21 1.53 -4.28
BARRETT_IC_11 23702	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.77 -6.03	57.42 1.75 -32.94	25.01 1.90 0.00	35.09 2.62 0.00	32.62 2.50 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.51 2.42 -1.51	31.19 2.53 -0.01	25.98 2.07 -0.01	24.02 1.73 -0.64	34.46 1.64 -12.38	87.02 1.52 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.98 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.21 1.53 -4.28
BARRETT_IC_12 23703	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.77 -6.03	57.42 1.75 -32.94	25.01 1.90 0.00	35.09 2.62 0.00	32.62 2.50 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.51 2.42 -1.51	31.19 2.53 -0.01	25.98 2.07 -0.01	24.02 1.73 -0.64	34.46 1.64 -12.38	87.02 1.52 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.98 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.21 1.53 -4.28
BARRETT_IC_2 23705	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.77 -6.03	57.42 1.75 -32.94	25.01 1.90 0.00	35.09 2.62 0.00	32.62 2.50 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.51 2.42 -1.51	31.19 2.53 -0.01	25.98 2.07 -0.01	24.02 1.73 -0.64	34.46 1.64 -12.38	87.02 1.52 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.98 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.21 1.53 -4.28
BARRETT_IC_3 23706	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.77 -6.03	57.42 1.75 -32.94	25.01 1.90 0.00	35.09 2.62 0.00	32.62 2.50 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.51 2.42 -1.51	31.19 2.53 -0.01	25.98 2.07 -0.01	24.02 1.73 -0.64	34.46 1.64 -12.38	87.02 1.52 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.98 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.21 1.53 -4.28
BARRETT_IC_4 23707	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.77 -6.03	57.42 1.75 -32.94	25.01 1.90 0.00	35.09 2.62 0.00	32.62 2.50 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.51 2.42 -1.51	31.19 2.53 -0.01	25.98 2.07 -0.01	24.02 1.73 -0.64	34.46 1.64 -12.38	87.02 1.52 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.98 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.21 1.53 -4.28

BARRETT_IC_5 23708	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.77 -6.03	57.42 1.75 -32.94	25.01 1.90 0.00	35.09 2.62 0.00	32.62 2.50 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.51 2.42 -1.51	31.19 2.53 -0.01	25.98 2.07 -0.01	24.02 1.73 -0.64	34.46 1.64 -12.38	87.02 1.52 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.98 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.21 1.53 -4.28
BARRETT_IC_6 23709	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.77 -6.03	57.42 1.75 -32.94	25.01 1.90 0.00	35.09 2.62 0.00	32.62 2.50 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.51 2.42 -1.51	31.19 2.53 -0.01	25.98 2.07 -0.01	24.02 1.73 -0.64	34.46 1.64 -12.38	87.02 1.52 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.98 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.21 1.53 -4.28
BARRETT_IC_7 23710	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.78 -6.03	57.42 1.75 -32.94	25.01 1.91 0.00	35.09 2.62 0.00	32.62 2.51 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.50 2.42 -1.50	31.18 2.53 0.00	25.98 2.07 0.00	24.02 1.73 -0.64	34.47 1.64 -12.38	87.03 1.53 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.97 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.20 1.52 -4.28
BARRETT_IC_8 23711	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.77 -6.03	57.42 1.75 -32.94	25.01 1.90 0.00	35.09 2.62 0.00	32.62 2.50 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.51 2.42 -1.51	31.19 2.53 -0.01	25.98 2.07 -0.01	24.02 1.73 -0.64	34.46 1.64 -12.38	87.02 1.52 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.98 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.21 1.53 -4.28
BARRETT_IC_9 23700	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.77 -6.03	57.42 1.75 -32.94	25.01 1.90 0.00	35.09 2.62 0.00	32.62 2.50 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.51 2.42 -1.51	31.19 2.53 -0.01	25.98 2.07 -0.01	24.02 1.73 -0.64	34.46 1.64 -12.38	87.02 1.52 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.98 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.21 1.53 -4.28
BARRETT___1 23545	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.77 -6.03	57.42 1.75 -32.94	25.01 1.90 0.00	35.09 2.62 0.00	32.62 2.50 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.51 2.42 -1.51	31.19 2.53 -0.01	25.98 2.07 -0.01	24.02 1.73 -0.64	34.46 1.64 -12.38	87.02 1.52 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.98 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.21 1.53 -4.28
BARRETT___2 23546	44.87 1.78 -20.93	23.46 1.53 0.00	23.04 1.56 -0.21	30.81 1.77 -6.03	57.42 1.75 -32.94	25.01 1.90 0.00	35.09 2.62 0.00	32.62 2.50 0.00	21.74 1.77 0.00	28.29 2.37 0.00	28.51 2.42 -1.51	31.19 2.53 -0.01	25.98 2.07 -0.01	24.02 1.73 -0.64	34.46 1.64 -12.38	87.02 1.52 -66.28	39.12 1.66 -17.63	22.13 1.78 0.00	22.43 1.98 -0.05	21.52 1.83 0.00	20.98 1.81 0.00	22.44 1.82 -0.69	22.27 1.78 0.00	23.21 1.53 -4.28
BATAVIA__115KV_TB1 55881	21.00 -1.16 0.00	20.90 -1.03 0.00	20.27 -1.00 0.00	22.02 -0.99 0.00	21.55 -1.18 0.00	21.89 -1.21 0.00	30.11 -2.34 0.02	28.39 -1.73 0.00	18.75 -1.22 0.00	24.15 -1.77 0.00	22.74 -1.84 0.00	26.41 -2.24 0.00	22.20 -1.71 0.00	19.96 -1.69 0.00	18.86 -1.59 0.00	18.11 -1.11 0.00	19.09 -0.73 0.00	19.79 -0.56 0.00	19.63 -0.76 0.00	18.76 -0.94 0.00	18.31 -0.86 0.00	18.86 -1.07 0.00	19.25 -1.25 0.00	16.44 -0.96 0.00
BAYONEEC___CTG1 323682	23.59 1.43 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.40 0.00	24.77 1.67 0.00	34.91 2.44 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.17 2.25 0.00	26.74 2.17 0.00	30.87 2.22 0.00	25.74 1.83 0.00	23.83 1.55 -0.63	32.37 1.40 -10.52	35.03 1.30 -14.51	21.35 1.53 0.00	22.13 1.78 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.94 1.78 0.00	21.64 1.71 0.00	22.11 1.62 0.00	18.73 1.33 0.00
BAYONEEC___CTG10 323750	23.59 1.43 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.40 0.00	24.77 1.67 0.00	34.91 2.44 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.17 2.25 0.00	26.74 2.17 0.00	30.87 2.22 0.00	25.74 1.83 0.00	23.83 1.55 -0.63	32.37 1.40 -10.52	35.03 1.30 -14.51	21.35 1.53 0.00	22.13 1.78 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.94 1.78 0.00	21.64 1.71 0.00	22.11 1.62 0.00	18.73 1.33 0.00
BAYONEEC___CTG2 323683	23.59 1.43 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.40 0.00	24.77 1.67 0.00	34.91 2.44 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.17 2.25 0.00	26.74 2.17 0.00	30.87 2.22 0.00	25.74 1.83 0.00	23.83 1.55 -0.63	32.37 1.40 -10.52	35.03 1.30 -14.51	21.35 1.53 0.00	22.13 1.78 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.94 1.78 0.00	21.64 1.71 0.00	22.11 1.62 0.00	18.73 1.33 0.00
BAYONEEC___CTG3 323684	23.59 1.43 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.40 0.00	24.77 1.67 0.00	34.91 2.44 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.17 2.25 0.00	26.74 2.17 0.00	30.87 2.22 0.00	25.74 1.83 0.00	23.83 1.55 -0.63	32.37 1.40 -10.52	35.03 1.30 -14.51	21.35 1.53 0.00	22.13 1.78 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.94 1.78 0.00	21.64 1.71 0.00	22.11 1.62 0.00	18.73 1.33 0.00
BAYONEEC___CTG4 323685	23.59 1.43 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.40 0.00	24.77 1.67 0.00	34.91 2.44 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.17 2.25 0.00	26.74 2.17 0.00	30.87 2.22 0.00	25.74 1.83 0.00	23.83 1.55 -0.63	32.37 1.40 -10.52	35.03 1.30 -14.51	21.35 1.53 0.00	22.13 1.78 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.94 1.78 0.00	21.64 1.71 0.00	22.11 1.62 0.00	18.73 1.33 0.00
BAYONEEC___CTG5 323686	23.59 1.43 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.40 0.00	24.77 1.67 0.00	34.91 2.44 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.17 2.25 0.00	26.74 2.17 0.00	30.87 2.22 0.00	25.74 1.83 0.00	23.83 1.55 -0.63	32.37 1.40 -10.52	35.03 1.30 -14.51	21.35 1.53 0.00	22.13 1.78 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.94 1.78 0.00	21.64 1.71 0.00	22.11 1.62 0.00	18.73 1.33 0.00
BAYONEEC___CTG6 323687	23.59 1.43 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.40 0.00	24.77 1.67 0.00	34.91 2.44 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.17 2.25 0.00	26.74 2.17 0.00	30.87 2.22 0.00	25.74 1.83 0.00	23.83 1.55 -0.63	32.37 1.40 -10.52	35.03 1.30 -14.51	21.35 1.53 0.00	22.13 1.78 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.94 1.78 0.00	21.64 1.71 0.00	22.11 1.62 0.00	18.73 1.33 0.00

BAYONEEC___CTG7 323688	23.59 1.43 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.40 0.00	24.77 1.67 0.00	34.91 2.44 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.17 2.25 0.00	26.74 2.17 0.00	30.87 2.22 0.00	25.74 1.83 0.00	23.83 1.55 -0.63	32.37 1.40 -10.52	35.03 1.30 -14.51	21.35 1.53 0.00	22.13 1.78 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.94 1.78 0.00	21.64 1.71 0.00	22.11 1.62 0.00	18.73 1.33 0.00
BAYONEEC___CTG8 323689	23.59 1.43 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.40 0.00	24.77 1.67 0.00	34.91 2.44 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.17 2.25 0.00	26.74 2.17 0.00	30.87 2.22 0.00	25.74 1.83 0.00	23.83 1.55 -0.63	32.37 1.40 -10.52	35.03 1.30 -14.51	21.35 1.53 0.00	22.13 1.78 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.94 1.78 0.00	21.64 1.71 0.00	22.11 1.62 0.00	18.73 1.33 0.00
BAYONEEC___CTG9 323749	23.59 1.43 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.40 0.00	24.77 1.67 0.00	34.91 2.44 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.17 2.25 0.00	26.74 2.17 0.00	30.87 2.22 0.00	25.74 1.83 0.00	23.83 1.55 -0.63	32.37 1.40 -10.52	35.03 1.30 -14.51	21.35 1.53 0.00	22.13 1.78 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.94 1.78 0.00	21.64 1.71 0.00	22.11 1.62 0.00	18.73 1.33 0.00
BEACON___LESR 323632	23.26 1.10 0.00	22.99 1.06 0.00	22.30 1.03 0.00	24.15 1.15 0.00	23.81 1.09 0.00	24.17 1.07 0.00	33.83 1.36 0.00	31.45 1.34 0.00	20.85 0.87 0.00	27.12 1.19 0.00	25.53 0.96 0.00	29.49 0.84 0.00	24.34 0.43 0.00	22.00 0.35 0.00	20.86 0.41 0.00	19.67 0.46 0.00	20.44 0.62 0.00	21.16 0.80 0.00	21.33 0.94 0.00	20.57 0.87 0.00	20.08 0.91 0.00	20.95 1.02 0.00	21.36 0.87 0.00	18.14 0.74 0.00
BEAVER RIVER___HYD 24048	21.97 -0.19 0.00	21.62 -0.31 0.00	20.92 -0.35 0.00	22.72 -0.28 0.00	22.43 -0.29 0.00	23.05 -0.05 0.00	32.42 -0.05 0.00	30.02 -0.10 0.00	19.52 -0.45 0.00	24.99 -0.93 0.00	23.55 -1.03 0.00	27.40 -1.25 0.00	22.75 -1.15 0.00	20.79 -0.86 0.00	19.69 -0.75 0.00	18.56 -0.66 0.00	19.26 -0.57 0.00	20.12 -0.23 0.00	20.07 -0.32 0.00	19.21 -0.49 0.00	18.18 -0.63 0.36	19.32 -0.70 -0.09	21.28 -0.75 -1.53	18.88 -0.67 -2.16
BEEBEE_GT_13 23619	21.04 -1.13 0.00	20.83 -1.10 0.00	20.19 -1.08 0.00	21.92 -1.09 0.00	21.56 -1.16 0.00	21.89 -1.22 0.00	30.40 -2.05 0.02	28.54 -1.58 0.00	18.90 -1.07 0.00	24.41 -1.52 0.00	23.10 -1.47 0.00	26.84 -1.81 0.00	22.41 -1.50 0.00	20.29 -1.36 0.00	19.18 -1.27 0.00	18.23 -0.99 0.00	19.12 -0.70 0.00	19.78 -0.57 0.00	19.63 -0.76 0.00	18.81 -0.89 0.00	18.34 -0.82 0.00	18.96 -0.98 0.00	19.36 -1.13 0.00	16.50 -0.90 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.88 1.72 0.00	23.44 1.51 0.00	22.74 1.47 0.00	24.65 1.64 0.00	24.40 1.68 0.00	25.07 1.97 0.00	35.30 2.83 -0.01	33.04 2.91 -0.01	21.99 2.01 -0.02	110.47 2.57 -81.98	168.50 2.47 -141.45	31.32 2.60 -0.08	26.10 2.15 -0.05	24.16 1.86 -0.65	32.65 1.69 -10.52	35.29 1.58 -14.50	21.66 1.80 -0.04	111.67 2.05 -89.26	102.77 2.21 -80.17	132.92 2.02 -111.20	81.45 2.01 -60.28	59.58 1.97 -37.68	47.41 1.86 -25.06	18.98 1.56 -0.02
BETHLEHEM___GRP 23843	22.87 0.71 0.00	22.66 0.73 0.00	22.01 0.74 0.00	23.79 0.79 0.00	23.46 0.74 0.00	23.69 0.58 0.00	33.05 0.59 0.00	30.74 0.62 0.00	20.42 0.45 0.00	26.61 0.69 0.00	25.12 0.54 0.00	28.98 0.33 0.00	23.95 0.04 0.00	21.70 0.05 0.00	20.55 0.10 0.00	19.34 0.13 0.00	20.03 0.21 0.00	20.67 0.31 0.00	20.83 0.44 0.00	20.11 0.41 0.00	19.68 0.51 0.00	20.54 0.61 0.00	21.00 0.50 0.00	17.87 0.47 0.00
BETHLEHEM___GS1 323560	22.87 0.71 0.00	22.66 0.73 0.00	22.01 0.74 0.00	23.79 0.78 0.00	23.46 0.74 0.00	23.69 0.58 0.00	33.05 0.58 0.00	30.74 0.62 0.00	20.42 0.44 0.00	26.61 0.69 0.00	25.12 0.54 0.00	28.98 0.33 0.00	23.95 0.04 0.00	21.70 0.05 0.00	20.54 0.10 0.00	19.34 0.13 0.00	20.03 0.21 0.00	20.67 0.31 0.00	20.84 0.45 0.00	20.11 0.41 0.00	19.68 0.52 0.00	20.54 0.61 0.00	21.00 0.51 0.00	17.87 0.47 0.00
BETHLEHEM___GS2 323561	22.87 0.71 0.00	22.66 0.73 0.00	22.01 0.74 0.00	23.79 0.78 0.00	23.46 0.74 0.00	23.69 0.58 0.00	33.05 0.58 0.00	30.74 0.62 0.00	20.42 0.44 0.00	26.61 0.69 0.00	25.12 0.54 0.00	28.98 0.33 0.00	23.95 0.04 0.00	21.70 0.05 0.00	20.54 0.10 0.00	19.34 0.13 0.00	20.03 0.21 0.00	20.67 0.31 0.00	20.84 0.45 0.00	20.11 0.41 0.00	19.68 0.52 0.00	20.54 0.61 0.00	21.00 0.51 0.00	17.87 0.47 0.00
BETHLEHEM___GS3 323562	22.87 0.71 0.00	22.66 0.73 0.00	22.01 0.74 0.00	23.79 0.78 0.00	23.46 0.74 0.00	23.69 0.58 0.00	33.05 0.58 0.00	30.74 0.62 0.00	20.42 0.44 0.00	26.61 0.69 0.00	25.12 0.54 0.00	28.98 0.33 0.00	23.95 0.04 0.00	21.70 0.05 0.00	20.54 0.10 0.00	19.34 0.13 0.00	20.03 0.21 0.00	20.67 0.31 0.00	20.84 0.45 0.00	20.11 0.41 0.00	19.68 0.52 0.00	20.54 0.61 0.00	21.00 0.51 0.00	17.87 0.47 0.00
BETHLEHEM___STEEL 23779	20.73 -1.43 0.00	20.59 -1.34 0.00	19.96 -1.32 0.00	21.70 -1.31 0.00	21.24 -1.49 0.00	21.53 -1.58 0.00	29.51 -2.94 0.02	27.84 -2.27 0.00	18.48 -1.50 0.00	24.03 -1.89 0.00	22.71 -1.86 0.00	26.45 -2.20 0.00	22.14 -1.76 0.00	20.02 -1.63 0.00	18.89 -1.56 0.00	17.98 -1.23 0.00	18.92 -0.90 0.00	19.58 -0.78 0.00	19.34 -1.05 0.00	18.49 -1.21 0.00	18.02 -1.15 0.00	18.57 -1.36 0.00	18.96 -1.54 0.00	16.19 -1.22 0.00
BETHLHEM_115KV_TB1 79974	22.89 0.73 0.00	22.68 0.75 0.00	22.02 0.75 0.00	23.81 0.80 0.00	23.49 0.76 0.00	23.71 0.61 0.00	33.09 0.63 0.00	30.77 0.66 0.00	20.44 0.47 0.00	26.64 0.71 0.00	25.14 0.57 0.00	29.01 0.36 0.00	23.96 0.05 0.00	21.72 0.07 0.00	20.56 0.12 0.00	19.36 0.14 0.00	20.05 0.23 0.00	20.69 0.34 0.00	20.86 0.47 0.00	20.13 0.43 0.00	19.70 0.54 0.00	20.56 0.63 0.00	21.02 0.52 0.00	17.88 0.48 0.00
BETHPAGE_CC_5 323564	45.01 1.92 -20.93	23.61 1.68 0.00	23.17 1.69 -0.21	30.93 1.89 -6.03	57.54 1.87 -32.94	25.14 2.03 0.00	35.30 2.83 0.00	32.85 2.73 0.00	21.85 1.88 0.00	28.38 2.45 0.00	28.62 2.54 -1.50	31.30 2.65 0.00	26.06 2.15 0.00	24.11 1.82 -0.64	34.58 1.76 -12.38	87.17 1.67 -66.28	39.28 1.83 -17.63	22.30 1.95 0.00	22.63 2.18 -0.05	21.70 2.00 0.00	21.14 1.97 0.00	22.57 1.95 -0.69	22.45 1.95 0.00	23.35 1.67 -4.28
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.88 -1.28 0.00	20.75 -1.19 0.00	20.09 -1.18 0.00	21.85 -1.15 0.00	21.40 -1.33 0.00	21.69 -1.41 0.00	29.75 -2.70 0.02	28.08 -2.04 0.00	18.63 -1.34 0.00	24.23 -1.69 0.00	22.90 -1.68 0.00	26.66 -1.99 0.00	22.32 -1.59 0.00	20.18 -1.47 0.00	19.04 -1.41 0.00	18.12 -1.09 0.00	19.06 -0.76 0.00	19.72 -0.63 0.00	19.49 -0.90 0.00	18.64 -1.06 0.00	18.15 -1.02 0.00	18.71 -1.22 0.00	19.10 -1.40 0.00	16.29 -1.11 0.00

BINGHAMTON___COGEN 23790	22.22 0.06 0.00	22.00 0.07 0.00	21.29 0.02 0.00	23.04 0.03 0.00	22.79 0.07 0.00	23.24 0.14 0.00	32.60 0.14 0.01	30.44 0.32 0.00	20.19 0.21 0.00	26.11 0.18 0.00	24.64 0.06 0.00	28.56 -0.09 0.00	23.81 -0.09 0.00	21.55 -0.10 0.00	20.33 -0.11 0.00	19.18 -0.03 0.00	19.99 0.17 0.00	20.74 0.38 0.00	20.71 0.32 0.00	19.95 0.25 0.00	19.38 0.22 0.00	20.05 0.12 0.00	20.55 0.05 0.00	17.48 0.08 0.00
BIXINCNT_115KV_LOAD 355685	21.24 -0.92 0.00	21.07 -0.86 0.00	20.32 -0.95 0.00	22.13 -0.88 0.00	21.72 -1.00 0.00	22.11 -0.99 0.00	30.41 -2.04 0.02	28.65 -1.47 0.00	19.03 -0.95 0.00	24.89 -1.04 0.00	23.57 -1.00 0.00	27.44 -1.21 0.00	22.92 -0.99 0.00	20.68 -0.97 0.00	19.53 -0.91 0.00	18.58 -0.64 0.00	19.49 -0.33 0.00	20.14 -0.22 0.00	19.88 -0.51 0.00	18.92 -0.78 0.00	18.22 -0.94 0.00	18.95 -0.99 0.00	19.32 -1.18 0.00	16.33 -1.07 0.00
BLACK RIVER___HYD 24047	22.01 -0.15 0.00	21.62 -0.31 0.00	20.89 -0.38 0.00	22.67 -0.34 0.00	22.44 -0.29 0.00	23.17 0.06 0.00	32.58 0.11 0.00	30.15 0.03 0.00	19.53 -0.44 0.00	24.89 -1.04 0.00	23.43 -1.15 0.00	27.16 -1.49 0.00	22.45 -1.46 0.00	20.57 -1.08 0.00	19.44 -1.00 0.00	18.37 -0.84 0.00	19.26 -0.56 0.00	20.28 -0.08 0.00	20.19 -0.20 0.00	19.29 -0.42 0.00	18.35 -0.56 0.25	19.37 -0.63 -0.06	20.83 -0.74 -1.08	18.23 -0.68 -1.51
BLACKRVR_115KV_TB2 79977	22.01 -0.15 0.00	21.62 -0.31 0.00	20.89 -0.38 0.00	22.67 -0.34 0.00	22.44 -0.29 0.00	23.17 0.06 0.00	32.58 0.11 0.00	30.15 0.03 0.00	19.53 -0.44 0.00	24.89 -1.04 0.00	23.43 -1.15 0.00	27.16 -1.49 0.00	22.45 -1.46 0.00	20.57 -1.09 0.00	19.44 -1.00 0.00	18.37 -0.84 0.00	19.26 -0.56 0.00	20.27 -0.08 0.00	20.19 -0.20 0.00	19.29 -0.41 0.00	18.35 -0.56 0.25	19.37 -0.63 -0.06	20.83 -0.74 -1.08	18.23 -0.68 -1.51
BLISS_WT_PWR 323608	19.39 -1.00 1.77	16.15 -0.95 4.83	15.49 -1.02 4.76	18.21 -0.96 3.84	19.06 -1.07 2.60	18.85 -1.09 3.16	26.73 -2.14 3.60	22.62 -1.57 5.93	15.91 -1.00 3.06	23.38 -1.07 1.48	23.06 -1.02 0.50	25.82 -1.22 1.61	21.94 -1.02 0.95	20.06 -1.01 0.58	18.87 -0.95 0.63	17.38 -0.67 1.16	16.10 -0.34 3.38	18.78 -0.25 1.32	13.36 -0.66 6.37	18.01 -0.89 0.80	15.95 -1.09 2.13	17.10 -1.09 1.74	16.54 -1.32 2.63	13.42 -1.23 2.74
BLUESTONE___WT_PWR 323821	23.20 0.62 -0.43	24.20 1.11 -1.16	22.92 0.51 -1.14	24.51 0.58 -0.92	24.37 1.02 -0.62	24.41 0.55 -0.76	34.24 0.92 -0.85	32.27 0.70 -1.45	21.18 0.46 -0.75	26.84 0.55 -0.36	25.15 0.45 -0.12	29.52 0.48 -0.39	24.66 0.52 -0.23	22.20 0.40 -0.14	21.02 0.42 -0.15	20.02 0.52 -0.28	21.50 0.85 -0.83	21.62 0.94 -0.32	22.48 0.53 -1.56	20.17 0.27 -0.20	19.96 0.27 -0.52	20.67 0.31 -0.43	21.61 0.47 -0.64	18.70 0.63 -0.67
BLUE_CIRC_CHEM_DRP 24182	23.08 0.92 0.00	22.84 0.90 0.00	22.17 0.89 0.00	23.96 0.95 0.00	23.66 0.93 0.00	24.04 0.94 0.00	33.67 1.20 0.00	31.24 1.12 0.00	20.65 0.68 0.00	26.74 0.81 0.00	25.31 0.74 0.00	29.33 0.68 0.00	24.30 0.40 0.00	21.98 0.33 0.00	20.75 0.31 0.00	19.55 0.34 0.00	20.36 0.54 0.00	21.06 0.71 0.00	21.20 0.81 0.00	20.45 0.75 0.00	19.90 0.73 0.00	20.68 0.75 0.00	21.19 0.69 0.00	18.01 0.61 0.00
BOC_GAS_DRP 24189	22.91 0.74 0.00	22.63 0.70 0.00	21.95 0.68 0.00	23.74 0.73 0.00	23.45 0.73 0.00	23.88 0.78 0.00	33.52 1.05 0.00	31.17 1.05 0.00	20.69 0.72 0.00	26.85 0.92 0.00	25.43 0.86 0.00	29.45 0.80 0.00	24.42 0.52 0.00	22.09 0.44 0.00	20.85 0.40 0.00	19.61 0.39 0.00	20.34 0.52 0.00	21.01 0.65 0.00	21.13 0.74 0.00	20.38 0.68 0.00	19.82 0.65 0.00	20.58 0.65 0.00	21.08 0.58 0.00	17.90 0.50 0.00
BOONVILLE_115KV_TB1 79983	22.57 0.40 0.00	22.25 0.32 0.00	21.56 0.28 0.00	23.37 0.36 0.00	23.08 0.35 0.00	23.62 0.52 0.00	33.23 0.77 0.00	30.86 0.75 0.00	20.26 0.29 0.00	26.07 0.14 0.00	24.61 0.04 0.00	28.59 -0.06 0.00	23.78 -0.13 0.00	21.60 -0.05 0.00	20.43 -0.01 0.00	19.27 0.06 0.00	20.01 0.18 0.00	20.79 0.43 0.00	20.80 0.41 0.00	19.99 0.29 0.00	19.28 0.20 0.09	20.12 0.14 -0.05	21.22 0.08 -0.65	18.26 0.04 -0.82
BORALEX_4TH_BRANCH 23824	23.84 1.68 0.00	23.56 1.63 0.00	22.87 1.60 0.00	24.70 1.69 0.00	24.44 1.72 0.00	24.80 1.70 0.00	34.75 2.29 0.00	32.32 2.20 0.00	21.48 1.50 0.00	27.88 1.96 0.00	26.38 1.81 0.00	30.41 1.76 0.00	25.36 1.45 0.00	23.07 1.33 -0.09	23.48 1.51 -1.51	22.73 1.42 -2.09	21.29 1.47 0.00	21.89 1.54 0.00	22.07 1.68 0.00	21.22 1.52 0.00	20.95 1.78 0.00	21.72 1.79 0.00	22.26 1.77 0.00	18.90 1.50 0.00
BOWLINE___1 23526	23.45 1.29 0.00	23.04 1.11 0.00	22.38 1.10 0.00	24.26 1.26 0.00	24.01 1.28 0.00	24.59 1.49 0.00	34.64 2.17 0.00	32.31 2.20 0.00	21.48 1.51 0.00	27.84 1.92 0.00	26.42 1.85 0.00	30.53 1.87 0.00	25.43 1.52 0.00	22.06 1.28 0.87	7.03 1.16 14.58	0.17 1.07 20.12	21.11 1.29 0.00	21.92 1.56 0.00	22.12 1.73 0.00	21.27 1.58 0.00	20.72 1.55 0.00	21.43 1.50 0.00	21.92 1.43 0.00	18.57 1.17 0.00
BOWLINE___2 23595	23.45 1.29 0.00	23.04 1.11 0.00	22.38 1.10 0.00	24.26 1.26 0.00	24.01 1.28 0.00	24.59 1.49 0.00	34.64 2.17 0.00	32.31 2.20 0.00	21.48 1.51 0.00	27.84 1.92 0.00	26.42 1.85 0.00	30.53 1.87 0.00	25.43 1.52 0.00	22.06 1.28 0.87	7.01 1.16 14.60	0.15 1.07 20.13	21.10 1.28 0.00	21.91 1.55 0.00	22.12 1.73 0.00	21.28 1.58 0.00	20.72 1.56 0.00	21.43 1.50 0.00	21.92 1.43 0.00	18.57 1.17 0.00
BRADY___115KV_TB2 356060	22.12 -0.04 0.00	22.02 0.09 0.00	21.37 0.09 0.00	23.13 0.12 0.00	22.80 0.07 0.00	23.06 -0.05 0.00	32.52 0.05 0.00	30.03 -0.09 0.00	19.75 -0.22 0.00	25.69 -0.23 0.00	24.36 -0.21 0.00	28.67 0.02 0.00	24.03 0.13 0.00	21.83 0.18 0.00	20.63 0.19 0.00	19.30 0.08 0.00	19.54 -0.28 0.00	19.97 -0.38 0.00	20.08 -0.31 0.00	19.44 -0.25 0.00	17.69 -0.29 1.19	19.59 -0.20 0.14	21.21 -0.07 -0.79	19.88 -0.09 -2.56
BRANSCOMB___SOLAR 323811	23.30 1.14 0.00	23.01 1.08 0.00	22.32 1.05 0.00	24.09 1.08 0.00	23.85 1.13 0.00	24.31 1.21 0.00	34.18 1.71 0.00	31.73 1.61 0.00	20.95 0.98 0.00	27.13 1.21 0.00	25.65 1.08 0.00	29.62 0.97 0.00	24.54 0.63 0.00	22.20 0.54 0.00	21.04 0.60 0.00	19.88 0.67 0.00	20.72 0.90 0.00	21.45 1.09 0.00	21.60 1.21 0.00	20.82 1.12 0.00	20.30 1.13 0.00	21.03 1.10 0.00	21.56 1.06 0.00	18.28 0.88 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	45.28 2.19 -20.93	23.86 1.93 0.00	23.42 1.94 -0.21	31.22 2.18 -6.03	57.89 2.22 -32.94	25.45 2.35 0.00	35.72 3.25 0.00	48.30 3.09 -15.09	28.88 2.09 -6.82	28.63 2.70 0.00	28.82 2.74 -1.50	31.49 2.84 0.00	26.22 2.32 0.00	24.22 1.93 -0.64	34.72 1.90 -12.38	87.33 1.83 -66.28	46.59 2.07 -24.70	22.49 2.14 0.00	31.28 2.41 -8.47	24.78 2.23 -2.85	21.69 2.18 -0.35	22.77 2.15 -0.69	22.64 2.15 0.00	23.57 1.89 -4.28

BRISTLHL_115KV_TB1 79998	21.46 -0.70 0.00	21.22 -0.72 0.00	20.56 -0.72 0.00	22.22 -0.78 0.00	21.96 -0.76 0.00	22.38 -0.72 0.00	31.37 -1.10 0.00	29.16 -0.96 0.00	19.36 -0.61 0.00	24.94 -0.99 0.00	23.58 -1.00 0.00	27.37 -1.28 0.00	22.82 -1.09 0.00	20.68 -0.97 0.00	19.55 -0.90 0.00	18.46 -0.75 0.00	19.26 -0.56 0.00	19.91 -0.45 0.00	19.86 -0.53 0.00	19.13 -0.57 0.00	18.59 -0.58 0.00	19.27 -0.67 0.00	19.74 -0.76 0.00	16.83 -0.58 0.00
BROOKHAVEN___DRP 24191	45.24 2.14 -20.94	23.82 1.89 0.00	23.40 1.91 -0.21	31.20 2.16 -6.03	57.87 2.20 -32.94	25.42 2.31 -0.01	35.63 3.15 0.00	116.31 2.96 -83.23	59.57 1.98 -37.62	28.50 2.58 0.00	28.75 2.67 -1.50	31.40 2.75 0.00	26.14 2.23 0.00	24.13 1.84 -0.64	34.59 1.77 -12.38	87.26 1.76 -66.28	78.41 1.98 -56.61	22.35 1.99 0.00	69.18 2.32 -46.47	37.56 2.12 -15.74	23.20 2.09 -1.94	22.66 2.05 -0.69	22.58 2.08 0.00	23.56 1.88 -4.28
BROOKLYN_NAVY_YARD 23515	23.60 1.44 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.39 0.00	24.79 1.69 0.00	34.94 2.47 0.00	32.65 2.53 0.00	21.72 1.75 0.00	28.21 2.29 0.00	26.78 2.21 0.00	30.90 2.26 0.00	25.78 1.87 0.00	23.87 1.59 -0.63	32.39 1.42 -10.52	35.05 1.32 -14.51	21.38 1.56 0.00	22.17 1.81 0.00	22.39 1.99 0.00	21.53 1.83 0.00	20.97 1.81 0.00	21.67 1.74 0.00	22.13 1.64 0.00	18.74 1.34 0.00
BROOKLYN___ARMY_DRP 323595	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
BROOKVLE_69_KV_TB1 55790	45.10 2.00 -20.93	23.72 1.79 0.00	23.26 1.77 -0.21	31.03 1.99 -6.03	57.67 2.00 -32.94	25.29 2.18 0.00	35.53 3.06 0.00	33.08 2.96 0.00	22.02 2.04 0.00	28.60 2.68 0.00	28.77 2.69 -1.50	31.49 2.84 0.00	26.22 2.31 0.00	24.25 1.96 -0.64	34.69 1.87 -12.38	87.24 1.74 -66.28	39.38 1.93 -17.63	22.43 2.07 0.00	22.68 2.24 -0.05	21.75 2.05 0.00	21.21 2.04 0.00	22.70 2.08 -0.69	22.53 2.04 0.00	23.41 1.73 -4.28
BROOME_2_LFGE 323671	22.83 0.06 -0.60	23.64 0.06 -1.65	22.90 0.01 -1.62	24.34 0.03 -1.31	23.68 0.07 -0.88	24.31 0.13 -1.08	33.82 0.13 -1.22	32.50 0.32 -2.06	21.24 0.21 -1.06	26.61 0.18 -0.51	24.81 0.06 -0.17	29.12 -0.09 -0.56	24.14 -0.10 -0.33	21.75 -0.11 -0.20	20.55 -0.11 -0.22	19.58 -0.04 -0.40	21.16 0.17 -1.17	21.19 0.38 -0.46	22.92 0.31 -2.21	20.23 0.24 -0.28	20.12 0.21 -0.74	20.65 0.11 -0.60	21.45 0.04 -0.91	18.43 0.07 -0.95
BROOME___LFGE 323600	22.83 0.06 -0.60	23.64 0.06 -1.65	22.90 0.01 -1.62	24.34 0.03 -1.31	23.68 0.07 -0.88	24.31 0.13 -1.08	33.82 0.13 -1.22	32.50 0.32 -2.06	21.24 0.21 -1.06	26.61 0.18 -0.51	24.81 0.06 -0.17	29.12 -0.09 -0.56	24.14 -0.10 -0.33	21.75 -0.11 -0.20	20.55 -0.11 -0.22	19.58 -0.04 -0.40	21.16 0.17 -1.17	21.19 0.38 -0.46	22.92 0.31 -2.21	20.23 0.24 -0.28	20.12 0.21 -0.74	20.65 0.11 -0.60	21.45 0.04 -0.91	18.43 0.07 -0.95
BROWNFLS_115KV_TB 3_5 80003	21.81 -0.35 0.00	21.57 -0.37 0.00	20.89 -0.38 0.00	22.66 -0.35 0.00	22.33 -0.40 0.00	22.76 -0.34 0.00	32.04 -0.42 0.00	29.64 -0.48 0.00	19.37 -0.60 0.00	24.98 -0.94 0.00	23.61 -0.96 0.00	27.61 -1.04 0.00	23.03 -0.88 0.00	20.99 -0.66 0.00	19.86 -0.59 0.00	18.65 -0.57 0.00	19.13 -0.69 0.00	19.81 -0.55 0.00	19.81 -0.59 0.00	19.03 -0.66 0.00	17.72 -0.76 0.69	19.30 -0.78 -0.14	22.45 -0.73 -2.68	20.63 -0.63 -3.86
BROWNSV1_27_KV_LOAD 356125	23.85 1.68 0.00	23.43 1.50 0.00	22.73 1.46 0.00	24.64 1.64 0.00	24.36 1.64 0.00	25.03 1.93 0.00	35.29 2.82 0.00	32.98 2.86 0.00	21.95 1.98 0.00	28.50 2.57 0.00	27.06 2.48 0.00	31.23 2.58 0.00	26.05 2.14 0.00	24.11 1.83 -0.63	32.62 1.66 -10.52	35.28 1.55 -14.51	21.61 1.79 0.00	22.41 2.05 0.00	22.62 2.23 0.00	21.74 2.04 0.00	21.19 2.02 0.00	21.90 1.97 0.00	22.35 1.86 0.00	18.92 1.52 0.00
BURROWS___LYONSDAL 23803	22.42 0.26 0.00	22.08 0.15 0.00	21.39 0.12 0.00	23.20 0.20 0.00	22.92 0.19 0.00	23.49 0.39 0.00	33.03 0.57 0.00	30.66 0.55 0.00	20.08 0.10 0.00	25.79 -0.14 0.00	24.33 -0.24 0.00	28.28 -0.37 0.00	23.50 -0.40 0.00	21.39 -0.26 0.00	20.24 -0.20 0.00	19.09 -0.12 0.00	19.82 -0.01 0.00	20.62 0.27 0.00	20.61 0.22 0.00	19.77 0.08 0.00	18.99 -0.03 0.14	19.89 -0.10 -0.06	21.16 -0.16 -0.82	18.32 -0.16 -1.08
CAITHNESS_CC_1 323624	45.18 2.08 -20.94	23.76 1.83 0.00	23.34 1.85 -0.21	31.13 2.09 -6.03	57.80 2.14 -32.94	25.36 2.26 -0.01	35.53 3.06 0.00	114.43 2.88 -81.43	58.71 1.94 -36.81	28.45 2.53 0.00	28.69 2.61 -1.50	31.34 2.69 0.00	26.08 2.17 0.00	24.08 1.79 -0.64	34.56 1.73 -12.38	87.21 1.71 -66.28	77.52 1.93 -55.77	22.30 1.95 0.00	68.13 2.27 -45.47	37.17 2.07 -15.40	23.11 2.04 -1.90	22.62 2.01 -0.69	22.53 2.03 0.00	23.51 1.83 -4.28
CALPINE BETH_PAGE_GT4 24209	44.96 1.86 -20.93	23.57 1.64 0.00	23.12 1.64 -0.21	30.87 1.83 -6.03	57.45 1.78 -32.94	25.05 1.94 0.00	35.18 2.71 0.00	32.73 2.61 0.00	21.78 1.81 0.00	28.30 2.37 0.00	28.57 2.49 -1.50	31.25 2.60 0.00	26.02 2.12 0.00	24.06 1.78 -0.64	34.54 1.72 -12.38	87.12 1.62 -66.28	39.21 1.75 -17.63	22.23 1.88 0.00	22.55 2.10 -0.05	21.62 1.93 0.00	21.06 1.89 0.00	22.49 1.88 -0.69	22.40 1.91 0.00	23.31 1.63 -4.28
CALPINE_BETH_PAGE_GT_4 323586	44.96 1.86 -20.93	23.57 1.64 0.00	23.12 1.64 -0.21	30.87 1.83 -6.03	57.45 1.78 -32.94	25.04 1.94 0.00	35.17 2.71 0.00	32.73 2.61 0.00	21.78 1.80 0.00	28.29 2.37 0.00	28.57 2.49 -1.50	31.25 2.60 0.00	26.02 2.11 0.00	24.06 1.78 -0.64	34.54 1.71 -12.38	87.12 1.62 -66.28	39.20 1.75 -17.63	22.23 1.88 0.00	22.55 2.10 -0.05	21.63 1.93 0.00	21.06 1.90 0.00	22.49 1.88 -0.69	22.40 1.91 0.00	23.32 1.63 -4.28
CALPINE_BP_GT1 23823	44.96 1.86 -20.93	23.57 1.64 0.00	23.12 1.64 -0.21	30.87 1.83 -6.03	57.45 1.78 -32.94	25.04 1.94 0.00	35.17 2.71 0.00	32.73 2.61 0.00	21.78 1.80 0.00	28.29 2.37 0.00	28.57 2.49 -1.50	31.25 2.60 0.00	26.02 2.11 0.00	24.06 1.78 -0.64	34.54 1.71 -12.38	87.12 1.62 -66.28	39.20 1.75 -17.63	22.23 1.88 0.00	22.55 2.10 -0.05	21.63 1.93 0.00	21.06 1.90 0.00	22.49 1.88 -0.69	22.40 1.91 0.00	23.32 1.63 -4.28
CALSPAN___DRP 24200	20.73 -1.43 0.00	20.59 -1.34 0.00	19.96 -1.32 0.00	21.70 -1.31 0.00	21.24 -1.49 0.00	21.53 -1.58 0.00	29.51 -2.94 0.02	27.84 -2.27 0.00	18.48 -1.50 0.00	24.03 -1.89 0.00	22.71 -1.86 0.00	26.45 -2.20 0.00	22.14 -1.76 0.00	20.02 -1.63 0.00	18.89 -1.56 0.00	17.98 -1.23 0.00	18.92 -0.90 0.00	19.58 -0.78 0.00	19.34 -1.05 0.00	18.49 -1.21 0.00	18.02 -1.15 0.00	18.57 -1.36 0.00	18.96 -1.54 0.00	16.19 -1.22 0.00

CALVERTON___SOLAR 323806	45.32 2.22 -20.94	23.90 1.97 0.00	23.47 1.99 -0.21	31.27 2.24 -6.03	57.95 2.28 -32.94	25.50 2.40 -0.01	35.74 3.26 0.00	117.20 3.06 -84.03	59.97 2.02 -37.98	28.56 2.64 0.00	28.81 2.73 -1.50	31.47 2.82 0.00	26.19 2.28 0.00	24.18 1.89 -0.64	34.64 1.82 -12.38	87.32 1.82 -66.28	78.83 2.03 -56.98	22.40 2.05 0.00	69.69 2.39 -46.92	37.78 2.19 -15.89	23.27 2.15 -1.96	22.73 2.11 -0.69	22.64 2.14 0.00	23.62 1.94 -4.28
CANDIGU_WT_PWR 323617	22.30 -0.84 -0.97	23.99 -0.59 -2.65	23.16 -0.73 -2.61	24.41 -0.70 -2.11	23.66 -0.49 -1.43	24.26 -0.58 -1.74	33.48 -0.93 -1.95	32.69 -0.67 -3.25	21.22 -0.43 -1.68	26.22 -0.51 -0.81	24.21 -0.64 -0.27	28.57 -0.97 -0.88	23.66 -0.77 -0.52	21.25 -0.72 -0.32	20.08 -0.71 -0.35	19.31 -0.54 -0.63	21.40 -0.27 -1.86	21.07 -0.01 -0.72	23.66 -0.23 -3.49	19.79 -0.35 -0.44	19.91 -0.42 -1.17	20.08 -0.81 -0.95	21.17 -0.77 -1.44	18.27 -0.64 -1.51
CARR STREET_E_SYR 24060	21.64 -0.53 0.00	21.40 -0.53 0.00	20.74 -0.54 0.00	22.42 -0.59 0.00	22.15 -0.57 0.00	22.58 -0.53 0.00	31.63 -0.82 0.01	29.58 -0.54 0.00	19.63 -0.34 0.00	25.26 -0.67 0.00	23.88 -0.69 0.00	27.73 -0.92 0.00	23.10 -0.80 0.00	20.95 -0.71 0.00	19.79 -0.65 0.00	18.69 -0.52 0.00	19.48 -0.34 0.00	20.14 -0.22 0.00	20.09 -0.31 0.00	19.34 -0.36 0.00	18.80 -0.37 0.00	19.48 -0.45 0.00	19.96 -0.54 0.00	17.01 -0.39 0.00
CARTHAGE___PAPER 23857	22.15 -0.01 0.00	21.79 -0.14 0.00	21.07 -0.20 0.00	22.88 -0.13 0.00	22.62 -0.10 0.00	23.29 0.19 0.00	32.77 0.30 0.00	30.32 0.20 0.00	19.66 -0.31 0.00	25.10 -0.82 0.00	23.64 -0.94 0.00	27.47 -1.18 0.00	22.77 -1.14 0.00	20.85 -0.80 0.00	19.71 -0.74 0.00	18.60 -0.62 0.00	19.39 -0.43 0.00	20.35 -0.01 0.00	20.29 -0.10 0.00	19.40 -0.30 0.00	18.43 -0.45 0.29	19.49 -0.51 -0.07	21.17 -0.58 -1.25	18.62 -0.54 -1.76
CASSADAGA_WT_PWR 323784	19.09 -1.31 1.76	15.67 -1.45 4.81	15.38 -1.16 4.73	18.07 -1.12 3.82	18.71 -1.44 2.58	18.68 -1.28 3.14	26.98 -1.90 3.59	22.39 -1.82 5.90	15.80 -1.13 3.04	23.30 -1.15 1.47	22.93 -1.15 0.50	25.63 -1.42 1.60	21.67 -1.29 0.95	19.81 -1.26 0.58	18.61 -1.22 0.63	17.22 -0.84 1.15	15.83 -0.62 3.36	18.70 -0.34 1.32	13.25 -0.80 6.34	17.85 -1.05 0.80	15.95 -1.10 2.12	16.84 -1.36 1.73	16.13 -1.74 2.62	13.67 -1.00 2.73
CE_DUNWOOD___DRP 24194	23.56 1.40 0.00	23.16 1.23 0.00	22.48 1.21 0.00	24.37 1.37 0.00	24.11 1.38 0.00	24.70 1.60 0.00	34.78 2.32 0.00	32.45 2.34 0.00	21.58 1.61 0.00	28.00 2.08 0.00	26.58 2.00 0.00	30.69 2.04 0.00	25.59 1.69 0.00	23.76 1.43 -0.68	33.05 1.29 -11.31	36.02 1.21 -15.60	21.24 1.42 0.00	22.02 1.67 0.00	22.23 1.83 0.00	21.38 1.68 0.00	20.82 1.65 0.00	21.54 1.61 0.00	22.02 1.53 0.00	18.66 1.26 0.00
CE_MILLWOOD___DRP 24193	23.53 1.37 0.00	23.12 1.19 0.00	22.45 1.18 0.00	24.33 1.33 0.00	24.08 1.35 0.00	24.66 1.56 0.00	34.73 2.27 0.00	32.41 2.29 0.00	21.55 1.57 0.00	27.94 2.02 0.00	26.53 1.95 0.00	30.64 1.99 0.00	25.54 1.64 0.00	23.76 1.39 -0.72	33.74 1.25 -12.04	36.99 1.17 -16.61	21.20 1.38 0.00	21.99 1.63 0.00	22.19 1.80 0.00	21.34 1.64 0.00	20.79 1.62 0.00	21.50 1.57 0.00	21.99 1.50 0.00	18.63 1.24 0.00
CE_NYC2_DRP 24202	23.66 1.50 0.00	23.24 1.31 0.00	22.55 1.28 0.00	24.44 1.44 0.00	24.20 1.48 0.00	24.86 1.76 0.00	34.99 2.52 0.00	32.75 2.63 0.00	21.79 1.82 0.00	42.16 2.33 -13.91	50.81 2.23 -24.00	30.98 2.32 -0.01	25.85 1.93 -0.01	23.94 1.65 -0.63	32.45 1.50 -10.51	35.10 1.39 -14.50	21.42 1.59 -0.01	37.33 1.83 -15.15	35.98 1.98 -13.61	40.37 1.80 -18.87	31.19 1.79 -10.23	28.07 1.75 -6.39	26.38 1.63 -4.25	18.77 1.37 0.00
CE_NYC_DRP 24195	23.62 1.46 0.00	23.21 1.28 0.00	22.52 1.25 0.00	24.42 1.41 0.00	24.15 1.42 0.00	24.80 1.70 0.00	34.95 2.48 0.00	32.67 2.55 0.00	21.74 1.77 0.00	28.23 2.30 0.00	26.80 2.22 0.00	30.93 2.28 0.00	25.79 1.88 0.00	23.88 1.60 -0.63	32.41 1.44 -10.52	35.07 1.34 -14.52	21.39 1.57 0.00	22.17 1.82 0.00	22.38 1.99 0.00	21.52 1.82 0.00	20.97 1.81 0.00	21.67 1.74 0.00	22.13 1.64 0.00	18.74 1.34 0.00
CHAFFEE___LFGE 323603	19.18 -1.32 1.66	16.17 -1.22 4.54	15.64 -1.15 4.47	18.26 -1.14 3.60	18.96 -1.33 2.44	18.70 -1.43 2.97	26.39 -2.68 3.39	22.58 -1.95 5.58	15.78 -1.32 2.88	22.78 -1.76 1.39	22.33 -1.77 0.47	25.03 -2.10 1.52	21.33 -1.69 0.90	19.53 -1.57 0.55	18.35 -1.51 0.59	16.93 -1.19 1.09	15.81 -0.84 3.18	18.38 -0.73 1.25	13.39 -1.01 6.00	17.81 -1.14 0.75	16.10 -1.07 2.00	17.01 -1.29 1.63	16.54 -1.47 2.48	13.65 -1.17 2.58
CHATEAUG_35_KV_LOAD 355732	22.04 -0.12 0.00	21.98 0.05 0.00	21.16 -0.11 0.00	22.92 -0.09 0.00	22.61 -0.11 0.00	23.00 -0.10 0.00	32.35 -0.12 0.00	29.80 -0.31 0.00	19.64 -0.34 0.00	25.67 -0.26 0.00	24.40 -0.17 0.00	28.83 0.18 0.00	24.34 0.43 0.00	22.13 0.47 0.00	20.86 0.41 0.00	19.45 0.24 0.00	19.55 0.00 0.00	20.11 -0.24 0.00	20.06 -0.34 0.00	19.07 -0.63 0.00	17.10 -0.80 1.27	14.83 -0.87 4.23	-19.88 -0.77 39.61	-23.68 -0.68 40.40
CHATEAUG_WT_PWR 323614	21.96 -0.20 0.00	21.89 -0.04 0.00	21.05 -0.22 0.00	22.80 -0.20 0.00	22.53 -0.19 0.00	22.92 -0.18 0.00	32.23 -0.24 0.00	29.68 -0.44 0.00	19.55 -0.43 0.00	25.56 -0.36 0.00	24.30 -0.27 0.00	28.71 0.06 0.00	24.21 0.30 0.00	22.07 0.42 0.00	20.81 0.37 0.00	19.42 0.21 0.00	19.50 -0.32 0.00	20.07 -0.29 0.00	20.00 -0.40 0.00	18.98 -0.72 0.00	16.95 -0.92 1.29	14.95 -1.01 3.98	-17.48 -0.91 37.06	-21.04 -0.79 37.65
CHAT_HIGH_FALL_HYD 323578	22.04 -0.12 0.00	21.98 0.05 0.00	21.16 -0.11 0.00	22.92 -0.09 0.00	22.61 -0.11 0.00	23.00 -0.10 0.00	32.35 -0.12 0.00	29.80 -0.31 0.00	19.64 -0.34 0.00	25.67 -0.26 0.00	24.40 -0.17 0.00	28.83 0.18 0.00	24.34 0.43 0.00	22.13 0.47 0.00	20.86 0.41 0.00	19.45 0.24 0.00	19.55 -0.27 0.00	20.11 -0.24 0.00	20.06 -0.34 0.00	19.07 -0.63 0.00	17.10 -0.80 1.27	14.83 -0.87 4.23	-19.88 -0.77 39.61	-23.68 -0.68 40.40
CHAUTAUQUA___LFGE 323629	19.01 -1.41 1.75	15.75 -1.42 4.76	15.25 -1.33 4.69	17.93 -1.30 3.78	18.72 -1.45 2.56	18.60 -1.38 3.12	26.62 -2.29 3.56	22.39 -1.88 5.85	15.75 -1.20 3.02	23.09 -1.38 1.46	22.61 -1.47 0.49	25.26 -1.80 1.59	21.43 -1.54 0.94	19.64 -1.44 0.57	18.46 -1.37 0.62	17.03 -1.05 1.14	15.67 -0.82 3.33	18.53 -0.52 1.31	13.21 -0.90 6.29	17.87 -1.04 0.79	16.02 -1.04 2.10	16.92 -1.29 1.71	16.30 -1.59 2.60	13.56 -1.13 2.71
CHERRYST_13_KV_LD 356241	23.68 1.52 0.00	23.27 1.33 0.00	22.58 1.31 0.00	24.48 1.48 0.00	24.21 1.48 0.00	24.87 1.77 0.00	35.05 2.58 0.00	32.76 2.65 0.00	21.81 1.84 0.00	28.33 2.40 0.00	26.89 2.31 0.00	31.04 2.39 0.00	25.88 1.97 0.00	23.96 1.68 -0.63	32.49 1.52 -10.52	35.14 1.41 -14.52	21.46 1.64 0.00	22.25 1.89 0.00	22.45 2.06 0.00	21.58 1.89 0.00	21.03 1.86 0.00	21.72 1.79 0.00	22.19 1.70 0.00	18.79 1.39 0.00

CHESTROR_138KV_BK263 355645	23.31 1.15 0.00	22.93 1.00 0.00	22.26 0.99 0.00	24.13 1.13 0.00	23.86 1.14 0.00	24.42 1.31 0.00	34.38 1.92 0.00	32.05 1.94 0.00	21.30 1.33 0.00	27.60 1.68 0.00	26.18 1.61 0.00	30.25 1.60 0.00	25.22 1.31 0.00	22.20 1.10 0.55	12.24 0.98 9.19	7.45 0.91 12.67	20.94 1.12 0.00	21.73 1.38 0.00	21.92 1.53 0.00	21.09 1.40 0.00	20.55 1.38 0.00	21.26 1.33 0.00	21.75 1.26 0.00	18.43 1.03 0.00
CH_MIDHUDSON___DRP 24192	23.52 1.36 0.00	23.14 1.21 0.00	22.46 1.19 0.00	24.33 1.32 0.00	24.06 1.33 0.00	24.62 1.52 0.00	34.66 2.20 0.00	32.33 2.22 0.00	21.48 1.51 0.00	27.83 1.91 0.00	26.40 1.82 0.00	30.49 1.84 0.00	25.45 1.54 0.00	22.96 1.31 0.00	21.62 1.17 0.00	20.32 1.10 0.00	21.14 1.32 0.00	21.93 1.58 0.00	22.12 1.72 0.00	21.29 1.59 0.00	20.73 1.56 0.00	21.44 1.51 0.00	21.93 1.43 0.00	18.58 1.18 0.00
CH_MISC_IPPS 23765	23.65 1.49 0.00	23.26 1.33 0.00	22.58 1.31 0.00	24.46 1.45 0.00	24.20 1.48 0.00	24.77 1.67 0.00	34.90 2.43 0.00	32.56 2.45 0.00	21.62 1.65 0.00	28.01 2.08 0.00	26.57 1.99 0.00	30.70 2.06 0.00	25.59 1.69 0.00	23.09 1.43 0.00	21.73 1.29 0.00	20.43 1.21 0.00	21.27 1.45 0.00	22.09 1.73 0.00	22.28 1.89 0.00	21.45 1.75 0.00	20.88 1.71 0.00	21.58 1.65 0.00	22.06 1.57 0.00	18.69 1.29 0.00
CH_RES_BVR_FALLS 23983	21.61 -0.55 0.00	21.40 -0.54 0.00	20.77 -0.51 0.00	22.54 -0.47 0.00	22.25 -0.48 0.00	22.57 -0.53 0.00	31.82 -0.65 0.00	29.32 -0.79 0.00	19.40 -0.57 0.00	25.26 -0.67 0.00	23.95 -0.63 0.00	28.12 -0.53 0.00	23.58 -0.32 0.00	21.42 -0.23 0.00	20.25 -0.19 0.00	19.01 -0.21 0.00	19.45 -0.37 0.00	19.85 -0.51 0.00	19.78 -0.61 0.00	19.06 -0.64 0.00	16.47 -0.68 2.02	18.61 -0.67 0.65	17.11 -0.63 2.75	16.85 -0.54 0.00
CH_RES_NIAGARA 23895	18.61 -2.20 1.36	16.16 -2.07 3.71	15.67 -1.95 3.66	18.04 -2.02 2.95	18.53 -2.20 2.00	18.25 -2.42 2.43	25.50 -4.18 2.78	22.07 -3.47 4.58	15.30 -2.31 2.36	21.72 -3.06 1.14	21.20 -2.98 0.39	23.94 -3.47 1.24	20.35 -2.82 0.73	18.57 -2.63 0.45	17.49 -2.47 0.49	16.24 -2.08 0.89	15.52 -1.69 2.61	17.62 -1.71 1.02	13.51 -1.96 4.92	16.91 -2.18 0.62	15.61 -1.92 1.64	16.42 -2.16 1.34	16.16 -2.31 2.03	13.44 -1.84 2.12
CH_RES_SYRACUSE 23985	21.81 -0.35 0.00	21.59 -0.35 0.00	20.88 -0.39 0.00	22.56 -0.45 0.00	22.32 -0.41 0.00	22.76 -0.34 0.00	31.93 -0.54 0.01	30.04 -0.07 0.00	19.89 -0.08 0.00	25.32 -0.60 0.00	23.92 -0.66 0.00	27.78 -0.87 0.00	23.14 -0.76 0.00	20.99 -0.66 0.00	19.83 -0.61 0.00	18.73 -0.48 0.00	19.51 -0.31 0.00	20.17 -0.19 0.00	20.11 -0.28 0.00	19.37 -0.33 0.00	18.83 -0.33 0.00	19.51 -0.42 0.00	20.02 -0.48 0.00	17.06 -0.34 0.00
CLINTON_WT_PWR 323605	21.96 -0.20 0.00	21.89 -0.04 0.00	21.05 -0.22 0.00	22.80 -0.20 0.00	22.53 -0.19 0.00	22.92 -0.18 0.00	32.23 -0.24 0.00	29.68 -0.44 0.00	19.55 -0.43 0.00	25.56 -0.36 0.00	24.30 -0.27 0.00	28.71 0.06 0.00	24.21 0.30 0.00	22.07 0.42 0.00	20.81 0.37 0.00	19.42 0.21 0.00	19.50 -0.32 0.00	20.07 -0.29 0.00	20.00 -0.40 0.00	18.98 -0.72 0.00	16.95 -0.92 1.29	14.95 -1.01 3.98	-17.48 -0.91 37.06	-21.04 -0.79 37.65
CLINTON___LFGE 323618	22.26 0.10 0.00	22.20 0.27 0.00	21.36 0.08 0.00	23.11 0.10 0.00	22.88 0.15 0.00	23.30 0.20 0.00	32.78 0.31 0.00	30.21 0.09 0.00	19.91 -0.07 0.00	26.02 0.10 0.00	24.74 0.17 0.00	29.13 0.48 0.00	24.53 0.63 0.00	22.38 0.73 0.00	21.08 0.64 0.00	19.73 0.51 0.00	19.73 -0.09 0.00	20.42 0.06 0.00	20.38 -0.01 0.00	19.34 -0.36 0.00	17.31 -0.58 1.28	15.24 -0.65 4.04	-17.81 -0.57 37.73	-21.48 -0.51 38.37
COBBLENY_34_KV_TB1 80064	20.85 -1.31 0.00	20.72 -1.22 0.00	20.08 -1.19 0.00	21.84 -1.17 0.00	21.38 -1.35 0.00	21.68 -1.43 0.00	29.76 -2.69 0.02	28.15 -1.96 0.00	18.65 -1.32 0.00	24.16 -1.76 0.00	22.80 -1.78 0.00	26.54 -2.11 0.00	22.22 -1.69 0.00	20.08 -1.57 0.00	18.94 -1.51 0.00	18.03 -1.18 0.00	18.97 -0.85 0.00	19.63 -0.72 0.00	19.43 -0.96 0.00	18.58 -1.12 0.00	18.11 -1.06 0.00	18.65 -1.28 0.00	19.04 -1.45 0.00	16.25 -1.15 0.00
COFFEEN___115KV_TB3 355620	22.17 0.01 0.00	21.78 -0.15 0.00	21.05 -0.23 0.00	22.83 -0.18 0.00	22.61 -0.11 0.00	23.34 0.24 0.00	32.84 0.37 0.00	30.41 0.29 0.00	19.67 -0.30 0.00	24.99 -0.93 0.00	23.53 -1.05 0.00	27.25 -1.40 0.00	22.48 -1.43 0.00	20.61 -1.04 0.00	19.45 -0.99 0.00	18.39 -0.82 0.00	19.35 -0.47 0.00	20.47 0.11 0.00	20.41 0.02 0.00	19.50 -0.20 0.00	18.56 -0.37 0.24	19.56 -0.43 -0.06	20.98 -0.56 -1.04	18.33 -0.54 -1.47
COLDSPRG_115KV_BK1 355956	21.70 -0.45 0.00	21.44 -0.49 0.00	20.88 -0.40 0.00	22.73 -0.28 0.00	22.24 -0.49 0.00	22.68 -0.42 0.00	31.50 -0.95 0.02	29.50 -0.62 0.00	19.58 -0.39 0.00	25.60 -0.32 0.00	24.24 -0.34 0.00	28.16 -0.49 0.00	23.44 -0.46 0.00	21.17 -0.48 0.00	19.96 -0.49 0.00	18.99 -0.23 0.00	19.87 0.05 0.00	20.63 0.27 0.00	20.37 -0.02 0.00	19.48 -0.22 0.00	18.87 -0.29 0.00	19.46 -0.48 0.00	19.82 -0.68 0.00	17.08 -0.32 0.00
COLONIE_LFGE___ 323577	23.24 1.08 0.00	22.96 1.03 0.00	22.29 1.02 0.00	24.08 1.07 0.00	23.81 1.09 0.00	24.21 1.11 0.00	33.96 1.49 0.00	31.56 1.45 0.00	20.94 0.97 0.00	27.19 1.26 0.00	25.72 1.15 0.00	29.71 1.06 0.00	24.67 0.77 0.00	22.32 0.67 0.00	21.17 0.73 0.00	19.93 0.72 0.00	20.67 0.84 0.00	21.32 0.96 0.00	21.47 1.07 0.00	20.66 0.96 0.00	20.24 1.07 0.00	21.00 1.07 0.00	21.51 1.02 0.00	18.25 0.86 0.00
COOPERNY_115KV_TB1 80082	23.02 0.85 0.00	22.68 0.74 0.00	22.01 0.74 0.00	23.84 0.83 0.00	23.57 0.85 0.00	24.09 0.99 0.00	33.91 1.44 0.00	31.59 1.47 0.00	20.98 1.01 0.00	27.19 1.26 0.00	25.77 1.20 0.00	29.83 1.18 0.00	24.85 0.94 0.00	22.18 0.78 0.26	16.87 0.70 4.27	13.97 0.66 5.90	20.66 0.84 0.00	21.40 1.04 0.00	21.54 1.14 0.00	20.75 1.05 0.00	20.20 1.04 0.00	20.92 0.99 0.00	21.42 0.93 0.00	18.17 0.76 0.00
COPENHAGEN_WT_PWR 323753	21.83 -0.33 0.00	21.40 -0.53 0.00	20.67 -0.61 0.00	22.44 -0.56 0.00	22.21 -0.52 0.00	22.98 -0.12 0.00	32.30 -0.17 0.00	29.85 -0.27 0.00	19.35 -0.62 0.00	24.70 -1.23 0.00	23.24 -1.34 0.00	26.95 -1.69 0.00	22.25 -1.66 0.00	20.40 -1.25 0.00	19.32 -1.12 0.00	18.26 -0.95 0.00	19.11 -0.71 0.00	20.07 -0.29 0.00	19.94 -0.45 0.00	19.02 -0.68 0.00	18.12 -0.82 0.23	19.10 -0.88 -0.06	20.48 -1.00 -0.99	17.89 -0.90 -1.39
CORNELL_____ 23752	22.43 0.27 0.00	22.20 0.27 0.00	21.47 0.19 0.00	23.22 0.22 0.00	23.01 0.28 0.00	23.47 0.37 0.00	32.97 0.51 0.01	30.85 0.73 0.00	20.37 0.40 0.00	26.12 0.20 0.00	24.56 -0.02 0.00	28.44 -0.20 0.00	23.71 -0.20 0.00	21.47 -0.18 0.00	20.27 -0.17 0.00	19.17 -0.04 0.00	20.08 0.26 0.00	20.91 0.56 0.00	20.89 0.50 0.00	20.09 0.40 0.00	19.51 0.34 0.00	20.19 0.25 0.00	20.69 0.20 0.00	17.59 0.19 0.00

CORONA V_69_KV_TB1 355595	45.00 1.90 -20.93	23.60 1.67 0.00	23.15 1.67 -0.21	30.92 1.88 -6.03	57.54 1.88 -32.94	25.16 2.06 0.00	35.32 2.85 0.00	32.81 2.69 0.00	21.90 1.92 0.00	28.47 2.55 0.00	28.64 2.56 -1.50	31.33 2.68 0.00	26.10 2.19 0.00	24.14 1.86 -0.64	34.58 1.76 -12.38	87.15 1.66 -66.28	39.28 1.82 -17.63	22.32 1.96 0.00	22.58 2.13 -0.05	21.70 2.00 0.00	21.14 1.97 0.00	22.60 1.99 -0.69	22.42 1.93 0.00	23.32 1.64 -4.28
CORTLAND_115KV_TB3 80093	22.27 0.11 0.00	22.03 0.10 0.00	21.33 0.05 0.00	23.07 0.07 0.00	22.83 0.10 0.00	23.29 0.18 0.00	32.69 0.23 0.01	30.56 0.44 0.00	20.21 0.24 0.00	25.99 0.07 0.00	24.51 -0.06 0.00	28.42 -0.23 0.00	23.68 -0.23 0.00	21.45 -0.20 0.00	20.26 -0.19 0.00	19.13 -0.08 0.00	19.97 0.15 0.00	20.75 0.39 0.00	20.74 0.35 0.00	19.97 0.27 0.00	19.40 0.23 0.00	20.07 0.14 0.00	20.56 0.07 0.00	17.49 0.09 0.00
COXSACKIE__GT 23611	24.24 2.08 0.00	24.02 2.09 0.00	23.32 2.05 0.00	25.16 2.15 0.00	24.88 2.15 0.00	25.24 2.14 0.00	35.36 2.89 0.00	32.89 2.77 0.00	21.55 1.58 0.00	27.60 1.68 0.00	25.86 1.29 0.00	29.84 1.19 0.00	24.70 0.79 0.00	22.32 0.66 0.00	21.11 0.67 0.00	20.01 0.79 0.00	21.01 1.19 0.00	22.03 1.67 0.00	22.40 2.01 0.00	21.55 1.86 0.00	20.96 1.79 0.00	21.76 1.83 0.00	22.21 1.71 0.00	18.84 1.44 0.00
CPV_VALLEY__CC1 323721	23.12 0.96 0.00	22.75 0.82 0.00	22.09 0.82 0.00	23.93 0.92 0.00	23.67 0.95 0.00	24.20 1.10 0.00	34.07 1.60 0.00	31.76 1.64 0.00	21.11 1.14 0.00	27.36 1.43 0.00	25.95 1.38 0.00	30.01 1.36 0.00	25.01 1.10 0.00	22.21 0.92 0.36	15.29 0.82 5.98	11.73 0.76 8.25	20.77 0.95 0.00	21.52 1.17 0.00	21.70 1.31 0.00	20.90 1.20 0.00	20.35 1.18 0.00	21.06 1.13 0.00	21.56 1.06 0.00	18.27 0.87 0.00
CPV_VALLEY__CC2 323722	23.12 0.96 0.00	22.75 0.82 0.00	22.09 0.82 0.00	23.93 0.92 0.00	23.67 0.95 0.00	24.20 1.10 0.00	34.07 1.60 0.00	31.76 1.64 0.00	21.11 1.14 0.00	27.36 1.43 0.00	25.95 1.38 0.00	30.01 1.36 0.00	25.01 1.10 0.00	22.21 0.92 0.36	15.29 0.82 5.98	11.73 0.76 8.25	20.77 0.95 0.00	21.52 1.17 0.00	21.70 1.31 0.00	20.90 1.20 0.00	20.35 1.18 0.00	21.06 1.13 0.00	21.56 1.06 0.00	18.27 0.87 0.00
CRESCENT__HYD 24018	23.24 1.08 0.00	22.96 1.03 0.00	22.29 1.02 0.00	24.08 1.07 0.00	23.81 1.09 0.00	24.21 1.11 0.00	33.96 1.49 0.00	31.56 1.45 0.00	20.94 0.97 0.00	27.19 1.26 0.00	25.72 1.15 0.00	29.71 1.06 0.00	24.67 0.77 0.00	22.32 0.67 0.00	21.17 0.73 0.00	19.93 0.72 0.00	20.67 0.84 0.00	21.32 0.96 0.00	21.47 1.07 0.00	20.66 0.96 0.00	20.24 1.07 0.00	21.00 1.07 0.00	21.51 1.02 0.00	18.25 0.86 0.00
CRICKET__VALLEY_CC1 323756	23.34 1.17 0.00	22.96 1.03 0.00	22.28 1.01 0.00	24.12 1.12 0.00	23.84 1.12 0.00	24.39 1.29 0.00	34.32 1.85 0.00	32.00 1.88 0.00	21.27 1.30 0.00	27.58 1.66 0.00	26.16 1.58 0.00	30.18 1.53 0.00	25.32 1.41 0.00	23.05 1.20 -0.19	24.78 1.07 -3.26	24.72 1.01 -4.50	21.01 1.18 0.00	21.76 1.40 0.00	21.94 1.55 0.00	21.12 1.42 0.00	20.58 1.41 0.00	21.29 1.36 0.00	21.80 1.31 0.00	18.48 1.08 0.00
CRICKET__VALLEY_CC2 323757	23.34 1.17 0.00	22.96 1.03 0.00	22.28 1.01 0.00	24.12 1.12 0.00	23.84 1.12 0.00	24.39 1.29 0.00	34.32 1.85 0.00	32.00 1.88 0.00	21.27 1.30 0.00	27.58 1.66 0.00	26.16 1.58 0.00	30.18 1.53 0.00	25.32 1.41 0.00	23.05 1.20 -0.19	24.78 1.07 -3.26	24.72 1.01 -4.50	21.01 1.18 0.00	21.76 1.40 0.00	21.94 1.55 0.00	21.12 1.42 0.00	20.58 1.41 0.00	21.29 1.36 0.00	21.80 1.31 0.00	18.48 1.08 0.00
CRICKET__VALLEY_CC3 323758	23.34 1.17 0.00	22.96 1.03 0.00	22.28 1.01 0.00	24.12 1.12 0.00	23.84 1.12 0.00	24.39 1.29 0.00	34.32 1.85 0.00	32.00 1.88 0.00	21.27 1.30 0.00	27.58 1.66 0.00	26.16 1.58 0.00	30.18 1.53 0.00	25.32 1.41 0.00	23.05 1.20 -0.19	24.78 1.07 -3.26	24.72 1.01 -4.50	21.01 1.18 0.00	21.76 1.40 0.00	21.94 1.55 0.00	21.12 1.42 0.00	20.58 1.41 0.00	21.29 1.36 0.00	21.80 1.31 0.00	18.48 1.08 0.00
CRUCIBLE_METL_DRP 24180	21.81 -0.35 0.00	21.59 -0.34 0.00	20.88 -0.39 0.00	22.56 -0.45 0.00	22.32 -0.41 0.00	22.76 -0.35 0.00	31.93 -0.54 0.01	30.04 -0.07 0.00	19.89 -0.08 0.00	25.32 -0.60 0.00	23.92 -0.66 0.00	27.78 -0.87 0.00	23.15 -0.76 0.00	20.99 -0.66 0.00	19.83 -0.61 0.00	18.73 -0.48 0.00	19.51 -0.31 0.00	20.17 -0.19 0.00	20.11 -0.28 0.00	19.38 -0.32 0.00	18.83 -0.33 0.00	19.51 -0.42 0.00	20.02 -0.48 0.00	17.06 -0.34 0.00
DAHOWA__HYDRO 323763	23.34 1.17 0.00	23.04 1.11 0.00	22.35 1.07 0.00	24.10 1.10 0.00	23.88 1.15 0.00	24.35 1.25 0.00	34.25 1.78 0.00	31.79 1.67 0.00	20.99 1.02 0.00	27.19 1.27 0.00	25.69 1.12 0.00	29.64 0.99 0.00	24.54 0.63 0.00	22.19 0.54 0.00	21.05 0.60 0.00	19.89 0.68 0.00	20.75 0.93 0.00	21.49 1.13 0.00	21.65 1.26 0.00	20.87 1.17 0.00	20.33 1.16 0.00	21.06 1.13 0.00	21.57 1.08 0.00	18.30 0.90 0.00
DANC__LFGE 323619	21.69 -0.47 0.00	21.34 -0.59 0.00	20.64 -0.64 0.00	22.37 -0.64 0.00	22.12 -0.60 0.00	22.76 -0.34 0.00	31.93 -0.53 0.00	29.60 -0.52 0.00	19.36 -0.61 0.00	24.78 -1.14 0.00	23.38 -1.20 0.00	27.12 -1.54 0.00	22.47 -1.44 0.00	20.52 -1.14 0.00	19.40 -1.04 0.00	18.33 -0.88 0.00	19.16 -0.66 0.00	20.02 -0.34 0.00	19.92 -0.47 0.00	19.08 -0.62 0.00	18.30 -0.71 0.16	19.20 -0.77 -0.04	20.30 -0.88 -0.69	17.61 -0.75 -0.96
DANSKAMMER__1 23586	23.65 1.49 0.00	23.26 1.33 0.00	22.58 1.31 0.00	24.46 1.45 0.00	24.20 1.48 0.00	24.77 1.67 0.00	34.90 2.43 0.00	32.56 2.45 0.00	21.62 1.65 0.00	28.01 2.08 0.00	26.57 1.99 0.00	30.70 2.06 0.00	25.59 1.69 0.00	23.09 1.43 0.00	21.73 1.29 0.00	20.43 1.21 0.00	21.27 1.45 0.00	22.09 1.73 0.00	22.28 1.89 0.00	21.45 1.75 0.00	20.88 1.71 0.00	21.58 1.65 0.00	22.06 1.57 0.00	18.69 1.29 0.00
DANSKAMMER__2 23589	23.65 1.49 0.00	23.26 1.33 0.00	22.58 1.31 0.00	24.46 1.45 0.00	24.20 1.48 0.00	24.77 1.67 0.00	34.90 2.43 0.00	32.56 2.45 0.00	21.62 1.65 0.00	28.01 2.08 0.00	26.57 1.99 0.00	30.70 2.06 0.00	25.59 1.69 0.00	23.09 1.43 0.00	21.73 1.29 0.00	20.43 1.21 0.00	21.27 1.45 0.00	22.09 1.73 0.00	22.28 1.89 0.00	21.45 1.75 0.00	20.88 1.71 0.00	21.58 1.65 0.00	22.06 1.57 0.00	18.69 1.29 0.00
DANSKAMMER__3 23590	23.65 1.49 0.00	23.26 1.33 0.00	22.58 1.31 0.00	24.46 1.45 0.00	24.20 1.48 0.00	24.77 1.67 0.00	34.90 2.43 0.00	32.56 2.45 0.00	21.62 1.65 0.00	28.01 2.08 0.00	26.57 1.99 0.00	30.70 2.06 0.00	25.59 1.69 0.00	23.09 1.43 0.00	21.73 1.29 0.00	20.43 1.21 0.00	21.27 1.45 0.00	22.09 1.73 0.00	22.28 1.89 0.00	21.45 1.75 0.00	20.88 1.71 0.00	21.58 1.65 0.00	22.06 1.57 0.00	18.69 1.29 0.00

DANSKAMMER___4 23591	23.65 1.49 0.00	23.26 1.33 0.00	22.58 1.31 0.00	24.46 1.45 0.00	24.20 1.48 0.00	24.77 1.67 0.00	34.90 2.43 0.00	32.56 2.45 0.00	21.62 1.65 0.00	28.01 2.08 0.00	26.57 1.99 0.00	30.70 2.06 0.00	25.59 1.69 0.00	23.09 1.43 0.00	21.73 1.29 0.00	20.43 1.21 0.00	21.27 1.45 0.00	22.09 1.73 0.00	22.28 1.89 0.00	21.45 1.75 0.00	20.88 1.71 0.00	21.58 1.65 0.00	22.06 1.57 0.00	18.69 1.29 0.00
DANSKAMMER___DIESEL 23592	23.65 1.49 0.00	23.27 1.34 0.00	22.58 1.31 0.00	24.46 1.46 0.00	24.20 1.48 0.00	24.78 1.67 0.00	34.90 2.43 0.00	32.56 2.45 0.00	21.62 1.65 0.00	28.01 2.09 0.00	26.57 2.00 0.00	30.70 2.05 0.00	25.60 1.69 0.00	23.09 1.43 0.00	21.74 1.29 0.00	20.43 1.21 0.00	21.27 1.45 0.00	22.09 1.73 0.00	22.28 1.89 0.00	21.44 1.75 0.00	20.88 1.71 0.00	21.58 1.65 0.00	22.06 1.57 0.00	18.69 1.29 0.00
DARBY___SOLAR 323810	23.28 1.12 0.00	22.99 1.06 0.00	22.30 1.03 0.00	24.05 1.05 0.00	23.83 1.10 0.00	24.29 1.18 0.00	34.15 1.68 0.00	31.70 1.59 0.00	20.94 0.97 0.00	27.12 1.20 0.00	25.63 1.06 0.00	29.58 0.93 0.00	24.51 0.60 0.00	22.17 0.52 0.00	21.03 0.58 0.00	19.86 0.65 0.00	20.70 0.88 0.00	21.43 1.08 0.00	21.59 1.19 0.00	20.80 1.11 0.00	20.28 1.12 0.00	21.01 1.08 0.00	21.53 1.04 0.00	18.27 0.87 0.00
DASHVILLE___HYD 23610	23.46 1.30 0.00	23.06 1.13 0.00	22.39 1.11 0.00	24.25 1.25 0.00	23.99 1.27 0.00	24.59 1.49 0.00	34.66 2.19 0.00	32.36 2.25 0.00	21.51 1.53 0.00	27.86 1.94 0.00	26.44 1.86 0.00	30.49 1.85 0.00	25.43 1.53 0.00	22.95 1.30 0.00	21.56 1.12 0.00	20.26 1.05 0.00	21.09 1.27 0.00	21.92 1.57 0.00	22.11 1.72 0.00	21.28 1.58 0.00	20.70 1.54 0.00	21.39 1.46 0.00	21.87 1.38 0.00	18.52 1.12 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	45.75 2.65 -20.94	24.32 2.38 0.00	23.89 2.40 -0.21	31.72 2.68 -6.03	58.38 2.71 -32.94	25.93 2.83 -0.01	36.34 3.86 0.00	118.69 3.54 -85.03	60.61 2.21 -38.43	28.92 2.99 0.00	29.17 3.10 -1.50	31.86 3.21 0.00	26.58 2.67 0.00	24.53 2.24 -0.64	34.99 2.17 -12.38	87.69 2.20 -66.28	79.53 2.25 -57.45	22.63 2.28 0.00	70.53 2.66 -47.47	38.23 2.45 -16.08	23.55 2.40 -1.98	22.97 2.36 -0.69	22.93 2.43 0.00	23.92 2.24 -4.28
DELAWARE___LFGE 323621	22.94 0.78 0.00	22.68 0.75 0.00	21.97 0.70 0.00	23.74 0.74 0.00	23.51 0.79 0.00	23.97 0.87 0.00	33.73 1.27 0.00	31.34 1.23 0.00	20.79 0.81 0.00	26.90 0.97 0.00	25.45 0.88 0.00	29.53 0.88 0.00	24.61 0.70 0.00	22.24 0.59 0.00	20.97 0.52 0.00	19.72 0.50 0.00	20.52 0.70 0.00	21.23 0.87 0.00	21.28 0.89 0.00	20.53 0.83 0.00	19.96 0.79 0.00	20.68 0.75 0.00	21.20 0.71 0.00	18.00 0.60 0.00
DERFIELD_115KV_TB7 355931	22.37 0.20 0.00	22.11 0.18 0.00	21.44 0.17 0.00	23.19 0.19 0.00	22.92 0.19 0.00	23.33 0.22 0.00	32.78 0.31 0.00	30.42 0.30 0.00	20.17 0.20 0.00	26.16 0.23 0.00	24.78 0.21 0.00	28.81 0.16 0.00	24.00 0.10 0.00	21.73 0.08 0.00	20.52 0.08 0.00	19.30 0.08 0.00	19.97 0.15 0.00	20.57 0.22 0.00	20.63 0.24 0.00	19.91 0.20 0.00	19.44 0.21 -0.06	20.13 0.18 -0.02	20.73 0.15 -0.09	17.54 0.14 0.00
DOGLEVILLE___HYD 23807	22.84 0.68 0.00	22.55 0.62 0.00	21.89 0.62 0.00	23.64 0.64 0.00	23.45 0.72 0.00	23.87 0.76 0.00	33.57 1.10 0.00	31.18 1.06 0.00	20.56 0.59 0.00	26.56 0.63 0.00	25.13 0.55 0.00	28.90 0.25 0.00	23.99 0.08 0.00	21.64 -0.01 0.00	20.34 -0.10 0.00	19.17 -0.04 0.00	20.03 0.21 0.00	20.93 0.57 0.00	21.11 0.71 0.00	20.35 0.65 0.00	19.95 0.72 -0.06	20.68 0.73 -0.02	21.15 0.56 -0.09	17.89 0.49 0.00
DUNKIRK___115KV_TB_200 55889	20.77 -1.39 0.00	20.55 -1.39 0.00	19.94 -1.34 0.00	21.70 -1.30 0.00	21.28 -1.45 0.00	21.73 -1.37 0.00	30.14 -2.31 0.02	28.24 -1.87 0.00	18.78 -1.20 0.00	24.54 -1.38 0.00	23.08 -1.50 0.00	26.84 -1.81 0.00	22.36 -1.55 0.00	20.21 -1.44 0.00	19.08 -1.37 0.00	18.16 -1.05 0.00	18.99 -0.83 0.00	19.83 -0.53 0.00	19.54 -0.85 0.00	18.68 -1.02 0.00	18.15 -1.02 0.00	18.65 -1.28 0.00	18.95 -1.55 0.00	16.29 -1.11 0.00
DUNKIRK___1 23563	20.77 -1.39 0.00	20.55 -1.39 0.00	19.94 -1.34 0.00	21.70 -1.30 0.00	21.28 -1.45 0.00	21.73 -1.37 0.00	30.14 -2.31 0.02	28.24 -1.87 0.00	18.78 -1.20 0.00	24.54 -1.38 0.00	23.08 -1.50 0.00	26.84 -1.81 0.00	22.36 -1.55 0.00	20.21 -1.44 0.00	19.08 -1.37 0.00	18.16 -1.05 0.00	18.99 -0.83 0.00	19.83 -0.53 0.00	19.54 -0.85 0.00	18.68 -1.02 0.00	18.15 -1.02 0.00	18.65 -1.28 0.00	18.95 -1.55 0.00	16.29 -1.11 0.00
DUNKIRK___2 23564	20.77 -1.39 0.00	20.55 -1.39 0.00	19.94 -1.34 0.00	21.70 -1.30 0.00	21.28 -1.45 0.00	21.73 -1.37 0.00	30.14 -2.31 0.02	28.24 -1.87 0.00	18.78 -1.20 0.00	24.54 -1.38 0.00	23.08 -1.50 0.00	26.84 -1.81 0.00	22.36 -1.55 0.00	20.21 -1.44 0.00	19.08 -1.37 0.00	18.16 -1.05 0.00	18.99 -0.83 0.00	19.83 -0.53 0.00	19.54 -0.85 0.00	18.68 -1.02 0.00	18.15 -1.02 0.00	18.65 -1.28 0.00	18.95 -1.55 0.00	16.29 -1.11 0.00
DUNKIRK___3 23565	20.78 -1.38 0.00	20.58 -1.35 0.00	19.96 -1.31 0.00	21.72 -1.28 0.00	21.30 -1.43 0.00	21.72 -1.39 0.00	30.04 -2.41 0.02	28.19 -1.93 0.00	18.73 -1.24 0.00	24.44 -1.48 0.00	23.03 -1.55 0.00	26.77 -1.88 0.00	22.33 -1.58 0.00	20.18 -1.47 0.00	19.05 -1.40 0.00	18.13 -1.09 0.00	18.97 -0.84 0.00	19.77 -0.58 0.00	19.50 -0.89 0.00	18.65 -1.05 0.00	18.14 -1.03 0.00	18.67 -1.26 0.00	19.00 -1.50 0.00	16.30 -1.10 0.00
DUNKIRK___4 23566	20.78 -1.38 0.00	20.58 -1.35 0.00	19.96 -1.31 0.00	21.72 -1.28 0.00	21.30 -1.43 0.00	21.72 -1.39 0.00	30.04 -2.41 0.02	28.19 -1.93 0.00	18.73 -1.24 0.00	24.44 -1.48 0.00	23.03 -1.55 0.00	26.77 -1.88 0.00	22.33 -1.58 0.00	20.18 -1.47 0.00	19.05 -1.40 0.00	18.13 -1.09 0.00	18.97 -0.84 0.00	19.77 -0.58 0.00	19.50 -0.89 0.00	18.65 -1.05 0.00	18.14 -1.03 0.00	18.67 -1.26 0.00	19.00 -1.50 0.00	16.30 -1.10 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.59 1.42 0.00	23.19 1.26 0.00	22.50 1.23 0.00	24.39 1.39 0.00	24.13 1.40 0.00	24.73 1.63 0.00	34.83 2.36 0.00	32.50 2.38 0.00	21.61 1.64 0.00	28.05 2.13 0.00	26.63 2.06 0.00	30.75 2.10 0.00	25.64 1.74 0.00	23.75 1.47 -0.63	32.30 1.34 -10.52	34.97 1.25 -14.51	21.28 1.46 0.00	22.06 1.71 0.00	22.26 1.87 0.00	21.42 1.72 0.00	20.86 1.69 0.00	21.58 1.65 0.00	22.06 1.57 0.00	18.69 1.29 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.47 1.31 0.00	23.08 1.15 0.00	22.41 1.14 0.00	24.28 1.28 0.00	24.02 1.30 0.00	24.59 1.49 0.00	34.63 2.17 0.00	32.30 2.18 0.00	21.45 1.48 0.00	27.79 1.86 0.00	26.35 1.78 0.00	30.45 1.80 0.00	25.38 1.48 0.00	22.71 1.24 0.19	18.46 1.10 3.09	15.98 1.03 4.27	21.08 1.26 0.00	21.90 1.54 0.00	22.09 1.70 0.00	21.26 1.56 0.00	20.70 1.54 0.00	21.41 1.48 0.00	21.89 1.40 0.00	18.55 1.15 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	23.59 1.43 0.00	23.18 1.25 0.00	22.49 1.22 0.00	24.37 1.36 0.00	24.15 1.42 0.00	24.80 1.70 0.00	34.83 2.36 0.00	32.63 2.51 0.00	21.70 1.72 0.00	28.09 2.16 -0.01	26.65 2.06 -0.01	30.81 2.16 -0.01	25.72 1.80 -0.01	23.83 1.54 -0.63	32.35 1.39 -10.51	35.00 1.29 -14.50	21.29 1.46 -0.01	22.06 1.69 -0.01	22.24 1.84 -0.01	21.37 1.66 -0.01	20.85 1.68 -0.01	21.56 1.62 -0.01	22.01 1.51 -0.01	18.70 1.30 0.00
E179THST_13_KV_LOAD 356214	23.68 1.52 0.00	23.27 1.34 0.00	22.58 1.30 0.00	24.46 1.45 0.00	24.24 1.51 0.00	24.89 1.78 0.00	34.96 2.49 0.00	32.76 2.65 0.00	21.79 1.81 0.00	28.22 2.29 -0.01	26.77 2.18 -0.01	30.96 2.30 -0.01	25.84 1.92 -0.01	23.94 1.65 -0.63	32.45 1.49 -10.51	35.10 1.39 -14.50	21.39 1.56 -0.01	22.17 1.80 -0.01	22.36 1.96 -0.01	21.48 1.77 -0.01	20.97 1.80 -0.01	21.66 1.73 -0.01	22.11 1.61 -0.01	18.78 1.37 0.00
EAST HAMPTON___GT 23717	46.02 2.92 -20.94	24.59 2.65 0.00	24.15 2.67 -0.21	32.00 2.96 -6.03	58.64 2.97 -32.94	26.17 3.07 -0.01	36.67 4.19 0.00	118.97 3.76 -85.09	60.59 2.16 -38.46	29.04 3.11 0.00	29.34 3.26 -1.50	32.06 3.41 0.00	26.81 2.90 0.00	24.76 2.48 -0.64	35.23 2.41 -12.38	87.93 2.43 -66.28	79.58 2.28 -57.48	22.65 2.29 0.00	70.61 2.71 -47.51	38.30 2.51 -16.09	23.62 2.47 -1.98	23.02 2.40 -0.69	23.04 2.54 0.00	24.13 2.44 -4.28
EAST RIVER___6 23660	23.61 1.45 0.00	23.19 1.26 0.00	22.51 1.24 0.00	24.40 1.40 0.00	24.13 1.40 0.00	24.80 1.69 0.00	34.95 2.48 0.00	32.67 2.55 0.00	21.75 1.78 0.00	28.28 2.35 0.00	26.84 2.26 0.00	30.98 2.33 0.00	25.83 1.92 0.00	23.90 1.62 -0.63	32.44 1.47 -10.52	35.10 1.36 -14.52	21.42 1.60 0.00	22.20 1.84 0.00	22.40 2.01 0.00	21.54 1.84 0.00	20.98 1.82 0.00	21.67 1.74 0.00	22.13 1.64 0.00	18.74 1.34 0.00
EAST RIVER___7 23524	23.61 1.45 0.00	23.19 1.26 0.00	22.51 1.24 0.00	24.40 1.40 0.00	24.13 1.40 0.00	24.80 1.69 0.00	34.95 2.48 0.00	32.67 2.55 0.00	21.75 1.78 0.00	28.28 2.35 0.00	26.84 2.26 0.00	30.98 2.33 0.00	25.83 1.92 0.00	23.90 1.62 -0.63	32.44 1.47 -10.52	35.10 1.36 -14.52	21.42 1.60 0.00	22.20 1.84 0.00	22.40 2.01 0.00	21.54 1.84 0.00	20.98 1.82 0.00	21.67 1.74 0.00	22.13 1.64 0.00	18.74 1.34 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.56 1.40 0.00	23.16 1.23 0.00	22.48 1.21 0.00	24.37 1.37 0.00	24.11 1.38 0.00	24.70 1.60 0.00	34.78 2.32 0.00	32.45 2.34 0.00	21.58 1.61 0.00	28.00 2.08 0.00	26.58 2.00 0.00	30.69 2.04 0.00	25.59 1.69 0.00	23.76 1.43 -0.68	33.05 1.29 -11.31	36.02 1.21 -15.60	21.24 1.42 0.00	22.02 1.67 0.00	22.23 1.83 0.00	21.38 1.68 0.00	20.82 1.65 0.00	21.54 1.61 0.00	22.02 1.53 0.00	18.66 1.26 0.00
EAST_HAMPTON___DIESEL 23722	46.02 2.92 -20.94	24.58 2.65 0.00	24.15 2.67 -0.21	32.00 2.96 -6.03	58.64 2.97 -32.94	26.16 3.05 -0.01	36.66 4.19 0.00	118.95 3.75 -85.09	60.58 2.15 -38.46	29.01 3.09 0.00	29.33 3.25 -1.50	32.04 3.39 0.00	26.81 2.90 0.00	24.76 2.48 -0.64	35.23 2.41 -12.38	87.93 2.43 -66.28	79.58 2.27 -57.48	22.64 2.29 0.00	70.61 2.71 -47.51	38.31 2.51 -16.09	23.62 2.47 -1.98	23.02 2.41 -0.69	23.04 2.54 0.00	24.13 2.44 -4.28
EAST_PULASKI___ESR 323781	21.60 -0.57 0.00	21.31 -0.62 0.00	20.64 -0.64 0.00	22.32 -0.68 0.00	22.07 -0.65 0.00	22.58 -0.52 0.00	31.64 -0.83 0.00	29.38 -0.73 0.00	19.39 -0.58 0.00	24.91 -1.01 0.00	23.54 -1.04 0.00	27.30 -1.35 0.00	22.72 -1.19 0.00	20.65 -1.00 0.00	19.50 -0.94 0.00	18.42 -0.79 0.00	19.24 -0.58 0.00	19.98 -0.37 0.00	19.93 -0.46 0.00	19.15 -0.54 0.00	18.51 -0.58 0.08	19.26 -0.65 0.03	19.63 -0.75 0.11	16.80 -0.60 0.00
EAST_RIVER___1 323558	23.62 1.46 0.00	23.21 1.28 0.00	22.52 1.25 0.00	24.41 1.41 0.00	24.15 1.42 0.00	24.80 1.70 0.00	34.95 2.48 0.00	32.67 2.55 0.00	21.74 1.76 0.00	28.22 2.30 0.00	26.79 2.22 0.00	30.93 2.28 0.00	25.78 1.88 0.00	23.88 1.60 -0.63	32.41 1.44 -10.52	35.07 1.34 -14.52	21.39 1.57 0.00	22.17 1.82 0.00	22.38 1.99 0.00	21.52 1.83 0.00	20.97 1.81 0.00	21.67 1.74 0.00	22.13 1.64 0.00	18.74 1.34 0.00
EAST_RIVER___2 323559	23.61 1.45 0.00	23.19 1.26 0.00	22.51 1.24 0.00	24.40 1.40 0.00	24.13 1.40 0.00	24.80 1.69 0.00	34.95 2.48 0.00	32.67 2.55 0.00	21.75 1.78 0.00	28.28 2.35 0.00	26.84 2.26 0.00	30.98 2.33 0.00	25.83 1.92 0.00	23.90 1.62 -0.63	32.44 1.47 -10.52	35.10 1.36 -14.52	21.42 1.60 0.00	22.20 1.84 0.00	22.40 2.01 0.00	21.54 1.84 0.00	20.98 1.82 0.00	21.67 1.74 0.00	22.13 1.64 0.00	18.74 1.34 0.00
EAST___DELAWARE_HYD 23607	23.12 0.96 0.00	22.73 0.80 0.00	22.05 0.78 0.00	23.90 0.89 0.00	23.66 0.93 0.00	24.28 1.17 0.00	34.27 1.80 0.00	32.00 1.88 0.00	21.19 1.22 0.00	27.37 1.45 0.00	25.94 1.36 0.00	29.75 1.10 0.00	24.27 0.36 0.00	21.72 0.22 0.14	18.10 0.07 2.41	16.00 0.11 3.32	20.18 0.35 0.00	21.06 0.70 0.00	21.28 0.89 0.00	20.56 0.86 0.00	20.45 1.29 0.00	21.14 1.21 0.00	21.61 1.11 0.00	18.28 0.88 0.00
EIGHT_POINT___WT_PWR 323820	21.46 -0.92 -0.21	22.17 -0.33 -0.58	21.11 -0.73 -0.57	22.81 -0.65 -0.46	22.77 -0.27 -0.31	22.76 -0.72 -0.38	31.84 -1.03 -0.41	30.07 -0.75 -0.70	19.88 -0.46 -0.36	25.62 -0.49 -0.17	24.06 -0.57 -0.06	27.92 -0.92 -0.19	23.30 -0.72 -0.11	21.03 -0.69 -0.07	19.85 -0.68 -0.07	18.86 -0.49 -0.14	20.08 -0.14 -0.40	20.66 0.14 -0.16	20.98 -0.17 -0.76	19.33 -0.47 -0.10	18.84 -0.58 -0.25	19.12 -1.02 -0.21	20.10 -0.71 -0.31	17.23 -0.50 -0.33
ELBRIDGE_115KV_TB2 80188	21.70 -0.46 0.00	21.48 -0.45 0.00	20.77 -0.50 0.00	22.44 -0.56 0.00	22.22 -0.51 0.00	22.65 -0.45 0.00	31.80 -0.66 0.00	30.13 0.01 0.00	19.92 -0.05 0.00	25.14 -0.79 0.00	23.72 -0.86 0.00	27.54 -1.11 0.00	22.96 -0.95 0.00	20.82 -0.83 0.00	19.68 -0.77 0.00	18.58 -0.63 0.00	19.35 -0.47 0.00	20.00 -0.35 0.00	19.95 -0.44 0.00	19.22 -0.48 0.00	18.68 -0.48 0.00	19.36 -0.57 0.00	19.88 -0.61 0.00	16.95 -0.45 0.00
ELEC_TRO_TEK 24086	44.88 1.78 -20.93	23.50 1.57 0.00	23.05 1.56 -0.21	30.80 1.76 -6.03	57.43 1.77 -32.94	25.05 1.95 0.00	35.20 2.73 0.00	32.77 2.65 0.00	21.80 1.83 0.00	28.33 2.41 0.00	28.50 2.42 -1.50	31.18 2.53 0.00	25.97 2.06 0.00	24.03 1.74 -0.64	34.48 1.65 -12.38	87.05 1.55 -66.28	39.19 1.73 -17.63	22.24 1.89 0.00	22.54 2.09 -0.05	21.61 1.91 0.00	21.06 1.89 0.00	22.49 1.88 -0.69	22.32 1.83 0.00	23.24 1.56 -4.28
ELLENBURG_WT_PWR 323604	21.96 -0.20 0.00	21.89 -0.04 0.00	21.05 -0.22 0.00	22.80 -0.20 0.00	22.53 -0.19 0.00	22.92 -0.18 0.00	32.23 -0.24 0.00	29.68 -0.44 0.00	19.55 -0.43 0.00	25.56 -0.36 0.00	24.30 -0.27 0.00	28.71 0.06 0.00	24.21 0.30 0.00	22.07 0.42 0.00	20.81 0.37 0.00	19.42 0.21 0.00	19.50 -0.32 0.00	20.07 -0.29 0.00	20.00 -0.40 0.00	18.98 -0.72 0.00	16.95 -0.92 1.29	14.95 -1.01 3.98	-17.48 -0.91 37.06	-21.04 -0.79 37.65

ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.56 -1.60 0.00	20.42 -1.51 0.00	19.80 -1.47 0.00	21.53 -1.47 0.00	21.07 -1.66 0.00	21.35 -1.75 0.00	29.27 -3.18 0.02	27.61 -2.51 0.00	18.32 -1.65 0.00	23.82 -2.10 0.00	22.51 -2.06 0.00	26.22 -2.43 0.00	21.95 -1.96 0.00	19.84 -1.81 0.00	18.73 -1.72 0.00	17.83 -1.39 0.00	18.76 -1.06 0.00	19.40 -0.95 0.00	19.18 -1.22 0.00	18.32 -1.37 0.00	17.88 -1.29 0.00	18.42 -1.51 0.00	18.81 -1.68 0.00	16.07 -1.33 0.00
EMPIRE_CC_1 323656	23.05 0.89 0.00	22.80 0.87 0.00	22.15 0.87 0.00	23.93 0.93 0.00	23.65 0.92 0.00	24.04 0.93 0.00	33.60 1.13 0.00	31.21 1.09 0.00	20.81 0.84 0.00	27.12 1.19 0.00	25.68 1.10 0.00	29.63 0.98 0.00	24.33 0.42 0.00	22.10 0.36 -0.09	22.24 0.35 -1.44	21.56 0.36 -1.99	20.32 0.50 0.00	20.98 0.62 0.00	21.13 0.73 0.00	20.36 0.66 0.00	19.86 0.69 0.00	20.63 0.70 0.00	21.12 0.62 0.00	17.94 0.54 0.00
EMPIRE_CC_2 323658	23.05 0.89 0.00	22.80 0.87 0.00	22.15 0.87 0.00	23.93 0.93 0.00	23.65 0.92 0.00	24.04 0.93 0.00	33.60 1.13 0.00	31.21 1.09 0.00	20.81 0.84 0.00	27.12 1.19 0.00	25.68 1.10 0.00	29.63 0.98 0.00	24.33 0.42 0.00	22.10 0.36 -0.09	22.24 0.35 -1.44	21.56 0.36 -1.99	20.32 0.50 0.00	20.98 0.62 0.00	21.13 0.73 0.00	20.36 0.66 0.00	19.86 0.69 0.00	20.63 0.70 0.00	21.12 0.62 0.00	17.94 0.54 0.00
ENORWICH_115KV_TB1 80156	23.38 1.22 0.00	23.31 1.37 0.00	22.37 1.10 0.00	24.23 1.23 0.00	24.16 1.43 0.00	24.54 1.44 0.00	34.58 2.11 0.01	32.16 2.04 0.00	21.11 1.13 0.00	27.02 1.09 0.00	25.40 0.82 0.00	29.51 0.87 0.00	24.72 0.82 0.00	22.38 0.73 0.00	21.16 0.71 0.00	20.04 0.82 0.00	21.12 1.30 0.00	21.94 1.58 0.00	21.77 1.38 0.00	20.84 1.14 0.00	20.22 1.05 0.00	20.90 0.97 0.00	21.47 0.98 0.00	18.27 0.87 0.00
ERIE_ST__34_KV_TB1-2 80199	21.22 -0.95 0.00	21.10 -0.84 0.00	20.43 -0.84 0.00	22.23 -0.77 0.00	21.76 -0.97 0.00	22.06 -1.04 0.00	30.25 -2.20 0.02	28.55 -1.57 0.00	18.94 -1.04 0.00	24.60 -1.32 0.00	23.26 -1.31 0.00	27.08 -1.57 0.00	22.68 -1.23 0.00	20.51 -1.14 0.00	19.34 -1.10 0.00	18.41 -0.80 0.00	19.37 -0.45 0.00	20.02 -0.34 0.00	19.80 -0.60 0.00	18.95 -0.75 0.00	18.47 -0.70 0.00	19.04 -0.89 0.00	19.46 -1.04 0.00	16.61 -0.79 0.00
ERIE_WT_PWR 323693	19.18 -1.42 1.56	16.34 -1.33 4.27	15.80 -1.27 4.20	18.35 -1.27 3.39	18.97 -1.46 2.29	18.73 -1.58 2.79	26.37 -2.91 3.19	22.63 -2.24 5.25	15.78 -1.48 2.71	22.74 -1.88 1.31	22.29 -1.84 0.44	25.05 -2.17 1.42	21.31 -1.76 0.84	19.51 -1.63 0.51	18.33 -1.55 0.56	16.94 -1.25 1.03	15.94 -0.88 2.99	18.40 -0.78 1.17	13.67 -1.08 5.64	17.77 -1.22 0.71	16.13 -1.15 1.88	17.03 -1.36 1.54	16.61 -1.55 2.33	13.74 -1.23 2.43
ESPRGFLD_115KV_TB1 80157	22.99 0.83 0.00	22.77 0.84 0.00	22.09 0.82 0.00	23.86 0.86 0.00	23.60 0.88 0.00	24.12 1.01 0.00	34.02 1.56 0.00	31.61 1.50 0.00	20.88 0.91 0.00	26.88 0.96 0.00	25.40 0.82 0.00	29.70 1.05 0.00	24.82 0.91 0.00	22.49 0.84 0.00	21.14 0.69 0.00	19.88 0.66 0.00	20.71 0.89 0.00	21.45 1.09 0.00	21.38 0.99 0.00	20.60 0.89 0.00	19.97 0.80 0.00	20.69 0.76 0.00	21.24 0.74 0.00	18.05 0.65 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.40 0.24 0.00	22.18 0.25 0.00	21.44 0.16 0.00	23.20 0.19 0.00	22.98 0.25 0.00	23.44 0.34 0.00	32.92 0.47 0.01	30.81 0.69 0.00	20.35 0.38 0.00	26.09 0.16 0.00	24.53 -0.05 0.00	28.42 -0.23 0.00	23.69 -0.22 0.00	21.46 -0.19 0.00	20.26 -0.19 0.00	19.15 -0.06 0.00	20.06 0.24 0.00	20.88 0.52 0.00	20.86 0.47 0.00	20.07 0.37 0.00	19.48 0.32 0.00	20.16 0.23 0.00	20.67 0.17 0.00	17.57 0.17 0.00
ETNA____115KV_TB2 80207	22.40 0.24 0.00	22.18 0.25 0.00	21.44 0.16 0.00	23.20 0.19 0.00	22.98 0.25 0.00	23.44 0.34 0.00	32.92 0.47 0.01	30.81 0.69 0.00	20.35 0.38 0.00	26.09 0.16 0.00	24.53 -0.05 0.00	28.42 -0.23 0.00	23.69 -0.22 0.00	21.46 -0.19 0.00	20.26 -0.19 0.00	19.15 -0.06 0.00	20.06 0.24 0.00	20.88 0.52 0.00	20.86 0.47 0.00	20.07 0.37 0.00	19.48 0.32 0.00	20.16 0.23 0.00	20.67 0.17 0.00	17.57 0.17 0.00
EUCLID___115KV_TB2 356179	21.51 -0.66 0.00	21.28 -0.66 0.00	20.61 -0.66 0.00	22.28 -0.73 0.00	22.02 -0.71 0.00	22.43 -0.67 0.00	31.42 -1.03 0.01	29.35 -0.77 0.00	19.48 -0.49 0.00	25.08 -0.85 0.00	23.72 -0.85 0.00	27.55 -1.10 0.00	22.96 -0.95 0.00	20.82 -0.83 0.00	19.68 -0.77 0.00	18.57 -0.64 0.00	19.35 -0.48 0.00	19.99 -0.37 0.00	19.94 -0.46 0.00	19.20 -0.50 0.00	18.67 -0.49 0.00	19.35 -0.58 0.00	19.83 -0.67 0.00	16.90 -0.50 0.00
E_CANADA_CAP_HY 24051	23.07 0.91 0.00	22.86 0.93 0.00	22.21 0.94 0.00	24.02 1.02 0.00	23.70 0.97 0.00	24.22 1.12 0.00	34.15 1.69 0.00	31.70 1.58 0.00	20.90 0.93 0.00	26.84 0.91 0.00	25.37 0.80 0.00	29.76 1.11 0.00	24.87 0.96 0.00	22.56 0.91 0.00	21.19 0.74 0.00	19.87 0.65 0.00	20.68 0.86 0.00	21.41 1.05 0.00	21.36 0.97 0.00	20.60 0.90 0.00	19.99 0.82 0.00	20.75 0.83 0.00	21.32 0.83 0.00	18.12 0.72 0.00
E_CANADA_MHWK_HY 24050	22.84 0.68 0.00	22.55 0.62 0.00	21.89 0.62 0.00	23.64 0.64 0.00	23.45 0.72 0.00	23.87 0.76 0.00	33.57 1.10 0.00	31.18 1.06 0.00	20.56 0.59 0.00	26.56 0.63 0.00	25.13 0.55 0.00	28.90 0.25 0.00	23.99 0.08 0.00	21.64 -0.01 0.00	20.34 -0.10 0.00	19.17 -0.04 0.00	20.03 0.21 0.00	20.93 0.57 0.00	21.11 0.71 0.00	20.35 0.65 0.00	19.95 0.72 -0.06	20.68 0.73 -0.02	21.15 0.56 -0.09	17.89 0.49 0.00
E_FISHKILL___LBMP 23776	23.40 1.24 0.00	23.03 1.09 0.00	22.35 1.07 0.00	24.21 1.20 0.00	23.93 1.21 0.00	24.49 1.39 0.00	34.48 2.01 0.00	32.14 2.02 0.00	21.37 1.40 0.00	27.72 1.79 0.00	26.30 1.72 0.00	30.37 1.72 0.00	25.35 1.44 0.00	23.05 1.22 -0.18	24.52 1.10 -2.97	24.35 1.03 -4.10	21.04 1.22 0.00	21.81 1.45 0.00	21.98 1.59 0.00	21.16 1.46 0.00	20.62 1.45 0.00	21.33 1.40 0.00	21.83 1.33 0.00	18.50 1.10 0.00
FALCON___SEABRD_CC1 323796	22.03 -0.13 0.00	21.97 0.04 0.00	21.14 -0.14 0.00	22.86 -0.15 0.00	22.64 -0.08 0.00	23.07 -0.03 0.00	32.43 -0.04 0.00	29.86 -0.26 0.00	19.68 -0.30 0.00	25.78 -0.15 0.00	24.54 -0.03 0.00	28.90 0.25 0.00	24.36 0.45 0.00	22.22 0.57 0.00	20.94 0.50 0.00	19.60 0.38 0.00	19.61 -0.21 0.00	20.25 -0.10 0.00	20.20 -0.20 0.00	19.17 -0.53 0.00	17.13 -0.74 1.29	15.11 -0.81 4.01	-17.60 -0.72 37.37	-21.22 -0.63 37.99
FALCON___SEABRD_CC2 323797	22.03 -0.13 0.00	21.97 0.04 0.00	21.14 -0.14 0.00	22.86 -0.15 0.00	22.64 -0.08 0.00	23.07 -0.03 0.00	32.43 -0.04 0.00	29.86 -0.26 0.00	19.68 -0.30 0.00	25.78 -0.15 0.00	24.54 -0.03 0.00	28.90 0.25 0.00	24.36 0.45 0.00	22.22 0.57 0.00	20.94 0.50 0.00	19.60 0.38 0.00	19.61 -0.21 0.00	20.25 -0.10 0.00	20.20 -0.20 0.00	19.17 -0.53 0.00	17.13 -0.74 1.29	15.11 -0.81 4.01	-17.60 -0.72 37.37	-21.22 -0.63 37.99

FAR ROCKAWAY___4 23548	45.16 2.07 -20.93	23.76 1.83 0.00	23.30 1.82 -0.21	31.08 2.05 -6.03	57.70 2.03 -32.94	25.33 2.23 0.00	35.53 3.06 0.00	32.81 2.69 0.00	22.05 2.08 0.00	28.69 2.76 0.00	28.84 2.77 -1.50	31.58 2.93 0.00	26.30 2.40 0.00	24.32 2.03 -0.64	34.75 1.93 -12.38	87.32 1.82 -66.28	39.43 1.98 -17.63	22.42 2.06 0.00	22.59 2.14 -0.05	21.80 2.10 0.00	21.26 2.09 0.00	22.77 2.16 -0.69	22.58 2.09 0.00	23.45 1.77 -4.28
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.64 1.47 0.00	23.23 1.30 0.00	22.54 1.27 0.00	24.44 1.43 0.00	24.17 1.44 0.00	24.82 1.72 0.00	34.98 2.51 0.00	32.69 2.57 0.00	21.75 1.78 0.00	28.24 2.32 0.00	26.81 2.24 0.00	30.94 2.29 0.00	25.81 1.90 0.00	23.89 1.61 -0.63	32.42 1.45 -10.52	35.08 1.35 -14.51	21.40 1.58 0.00	22.19 1.83 0.00	22.40 2.01 0.00	21.54 1.84 0.00	20.99 1.82 0.00	21.68 1.75 0.00	22.15 1.66 0.00	18.75 1.35 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.66 1.50 0.00	23.25 1.31 0.00	22.56 1.29 0.00	24.45 1.45 0.00	24.18 1.46 0.00	24.84 1.74 0.00	35.01 2.54 0.00	32.71 2.59 0.00	21.77 1.79 0.00	28.26 2.34 0.00	26.83 2.25 0.00	30.96 2.31 0.00	25.82 1.91 0.00	23.90 1.62 -0.63	32.43 1.46 -10.52	35.09 1.36 -14.51	21.42 1.60 0.00	22.20 1.85 0.00	22.41 2.02 0.00	21.55 1.85 0.00	21.00 1.84 0.00	21.70 1.77 0.00	22.17 1.67 0.00	18.77 1.37 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.63 1.47 0.00	23.22 1.29 0.00	22.54 1.27 0.00	24.43 1.42 0.00	24.16 1.43 0.00	24.82 1.72 0.00	34.97 2.51 0.00	32.67 2.56 0.00	21.75 1.77 0.00	28.23 2.31 0.00	26.80 2.22 0.00	30.93 2.28 0.00	25.80 1.89 0.00	23.88 1.60 -0.63	32.41 1.44 -10.52	35.07 1.34 -14.51	21.39 1.57 0.00	22.18 1.82 0.00	22.39 1.99 0.00	21.52 1.83 0.00	20.97 1.81 0.00	21.68 1.75 0.00	22.14 1.65 0.00	18.75 1.35 0.00
FARRAGUT___LBMP 323566	23.61 1.45 0.00	23.21 1.27 0.00	22.52 1.25 0.00	24.41 1.41 0.00	24.15 1.42 0.00	24.80 1.70 0.00	34.95 2.48 0.00	32.65 2.53 0.00	21.73 1.75 0.00	28.21 2.28 0.00	26.77 2.20 0.00	30.90 2.25 0.00	25.77 1.86 0.00	23.86 1.57 -0.63	32.39 1.42 -10.52	35.05 1.32 -14.51	21.37 1.55 0.00	22.16 1.80 0.00	22.37 1.97 0.00	21.51 1.81 0.00	20.96 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.74 1.34 0.00
FENNER___WINDPWR 24204	22.46 0.31 0.00	22.19 0.26 0.00	21.49 0.22 0.00	23.26 0.26 0.00	23.00 0.28 0.00	23.45 0.35 0.00	32.97 0.50 0.01	30.72 0.60 0.00	20.29 0.32 0.00	26.06 0.14 0.00	24.63 0.05 0.00	28.64 -0.02 0.00	23.83 -0.08 0.00	21.60 -0.05 0.00	20.41 -0.04 0.00	19.29 0.07 0.00	20.07 0.25 0.00	20.82 0.47 0.00	20.84 0.45 0.00	20.06 0.36 0.00	19.48 0.32 0.00	20.17 0.24 0.00	20.64 0.15 0.00	17.53 0.13 0.00
FIBERTEK___ENERGY 23856	21.81 -0.35 0.00	21.59 -0.34 0.00	20.88 -0.39 0.00	22.56 -0.45 0.00	22.32 -0.41 0.00	22.76 -0.35 0.00	31.93 -0.54 0.01	30.04 -0.07 0.00	19.89 -0.08 0.00	25.32 -0.60 0.00	23.92 -0.66 0.00	27.78 -0.87 0.00	23.15 -0.76 0.00	20.99 -0.66 0.00	19.83 -0.61 0.00	18.73 -0.48 0.00	19.51 -0.31 0.00	20.17 -0.19 0.00	20.11 -0.28 0.00	19.38 -0.32 0.00	18.83 -0.33 0.00	19.51 -0.42 0.00	20.02 -0.48 0.00	17.06 -0.34 0.00
FITZPATRICK___ 23598	21.25 -0.91 0.00	21.03 -0.90 0.00	20.38 -0.90 0.00	22.02 -0.98 0.00	21.76 -0.96 0.00	22.16 -0.95 0.00	31.03 -1.43 0.00	28.84 -1.28 0.00	19.18 -0.79 0.00	24.76 -1.17 0.00	23.42 -1.15 0.00	27.23 -1.42 0.00	22.70 -1.20 0.00	20.60 -1.05 0.00	19.47 -0.98 0.00	18.36 -0.85 0.00	19.08 -0.75 0.00	19.67 -0.68 0.00	19.62 -0.78 0.00	18.91 -0.79 0.00	18.40 -0.76 0.00	19.08 -0.85 0.00	19.58 -0.92 0.00	16.70 -0.70 0.00
FLOWRFLD_69_KV_BK1 356044	45.22 2.11 -20.95	23.80 1.86 0.00	23.36 1.87 -0.21	31.15 2.11 -6.03	57.83 2.15 -32.95	25.40 2.29 -0.01	35.60 3.12 -0.01	190.32 2.96 -157.24	93.06 2.02 -71.07	28.56 2.63 0.00	28.79 2.71 -1.50	31.47 2.81 0.00	26.19 2.28 0.00	24.18 1.89 -0.64	34.66 1.83 -12.38	87.28 1.78 -66.28	113.08 1.99 -91.27	22.39 2.04 0.00	110.46 2.33 -87.75	51.54 2.11 -29.73	24.92 2.08 -3.66	22.67 2.05 -0.69	22.59 2.09 -0.01	23.53 1.84 -4.29
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.70 1.54 0.00	23.31 1.38 0.00	22.62 1.35 0.00	24.51 1.51 0.00	24.25 1.52 0.00	24.82 1.72 0.00	34.97 2.50 0.00	32.63 2.51 0.00	21.67 1.69 0.00	28.07 2.15 0.00	26.62 2.05 0.00	30.77 2.12 0.00	25.65 1.75 0.00	23.14 1.49 0.00	21.78 1.34 0.00	20.48 1.26 0.00	21.32 1.50 0.00	22.13 1.78 0.00	22.33 1.93 0.00	21.49 1.79 0.00	20.91 1.75 0.00	21.62 1.69 0.00	22.11 1.61 0.00	18.72 1.32 0.00
FORT ORANGE___ 23900	23.12 0.96 0.00	22.89 0.96 0.00	22.23 0.96 0.00	24.02 1.02 0.00	23.72 0.99 0.00	24.00 0.90 0.00	33.55 1.08 0.00	31.20 1.08 0.00	20.67 0.70 0.00	26.87 0.95 0.00	25.36 0.78 0.00	29.27 0.62 0.00	24.18 0.28 0.00	21.90 0.24 0.00	20.71 0.27 0.00	19.51 0.30 0.00	20.26 0.44 0.00	20.96 0.60 0.00	21.16 0.77 0.00	20.40 0.70 0.00	19.93 0.76 0.00	20.75 0.83 0.00	21.22 0.73 0.00	18.05 0.65 0.00
FORT_DRUM_COGEN 23780	22.01 -0.15 0.00	21.62 -0.31 0.00	20.89 -0.38 0.00	22.67 -0.33 0.00	22.44 -0.29 0.00	23.16 0.06 0.00	32.57 0.10 0.00	30.14 0.02 0.00	19.53 -0.44 0.00	24.90 -1.03 0.00	23.43 -1.15 0.00	27.18 -1.47 0.00	22.46 -1.44 0.00	20.58 -1.07 0.00	19.46 -0.99 0.00	18.39 -0.83 0.00	19.25 -0.57 0.00	20.26 -0.09 0.00	20.19 -0.20 0.00	19.28 -0.42 0.00	18.34 -0.56 0.26	19.36 -0.63 -0.06	20.86 -0.74 -1.11	18.28 -0.68 -1.56
FOX_HILLS___ESR 323835	23.69 1.53 0.00	23.26 1.33 0.00	22.58 1.30 0.00	24.48 1.47 0.00	24.24 1.51 0.00	24.89 1.79 0.00	35.03 2.56 -0.01	32.74 2.61 -0.01	21.79 1.80 -0.02	108.48 2.28 -80.28	165.29 2.20 -138.52	31.00 2.28 -0.08	25.84 1.88 -0.05	23.93 1.62 -0.65	32.44 1.48 -10.52	35.08 1.37 -14.50	21.45 1.59 -0.04	111.44 1.82 -89.26	102.54 1.98 -80.17	132.71 1.81 -111.20	81.27 1.82 -60.28	59.40 1.79 -37.68	47.24 1.69 -25.06	18.84 1.42 -0.02
FPL_FAR_ROCK_GT1 24212	45.16 2.06 -20.93	23.76 1.83 0.00	23.30 1.81 -0.21	31.08 2.04 -6.03	57.70 2.03 -32.94	25.33 2.22 0.00	35.53 3.06 0.00	32.81 2.70 0.00	22.05 2.08 0.00	28.69 2.76 0.00	28.85 2.76 -1.51	31.58 2.92 -0.01	26.30 2.39 -0.01	24.32 2.03 -0.64	34.75 1.93 -12.38	87.31 1.81 -66.28	39.43 1.98 -17.63	22.42 2.06 0.00	22.59 2.14 -0.05	21.81 2.11 0.00	21.26 2.09 0.00	22.78 2.16 -0.69	22.59 2.09 0.00	23.45 1.77 -4.28
FPL_FAR_ROCK_GT2 23815	45.16 2.06 -20.93	23.76 1.83 0.00	23.30 1.81 -0.21	31.08 2.04 -6.03	57.70 2.03 -32.94	25.33 2.22 0.00	35.53 3.06 0.00	32.81 2.70 0.00	22.05 2.08 0.00	28.69 2.76 0.00	28.85 2.76 -1.51	31.58 2.92 -0.01	26.30 2.39 -0.01	24.32 2.03 -0.64	34.75 1.93 -12.38	87.31 1.81 -66.28	39.43 1.98 -17.63	22.42 2.06 0.00	22.59 2.14 -0.05	21.81 2.11 0.00	21.26 2.09 0.00	22.78 2.16 -0.69	22.59 2.09 0.00	23.45 1.77 -4.28

FRANKLIN_FALL_HYD 24054	22.28 0.12 0.00	22.21 0.28 0.00	21.43 0.16 0.00	23.20 0.20 0.00	22.88 0.16 0.00	23.26 0.15 0.00	32.73 0.26 0.00	30.20 0.08 0.00	19.89 -0.08 0.00	25.94 0.01 0.00	24.61 0.03 0.00	29.04 0.39 0.00	24.44 0.53 0.00	22.22 0.57 0.00	20.97 0.52 0.00	19.55 0.33 0.00	19.65 -0.18 0.00	20.27 -0.09 0.00	20.25 -0.14 0.00	19.32 -0.38 0.00	17.43 -0.53 1.21	21.35 -0.57 -2.00	42.06 -0.47 -22.03	42.23 -0.42 -25.25
FREEPORT_EQUS_GT1 23764	45.03 1.94 -20.93	23.63 1.70 0.00	23.18 1.69 -0.21	30.94 1.90 -6.03	57.58 1.91 -32.94	25.19 2.09 0.00	35.37 2.91 0.00	32.92 2.80 0.00	21.90 1.93 0.00	28.46 2.53 0.00	28.65 2.58 -1.50	31.33 2.68 0.00	26.09 2.18 0.00	24.13 1.84 -0.64	34.60 1.77 -12.38	87.18 1.69 -66.28	39.32 1.87 -17.63	22.36 2.01 0.00	22.68 2.23 -0.05	21.75 2.05 0.00	21.19 2.02 0.00	22.61 2.00 -0.69	22.47 1.98 0.00	23.36 1.68 -4.28
FREEPORT___CT2 23818	45.03 1.94 -20.93	23.63 1.70 0.00	23.18 1.69 -0.21	30.94 1.90 -6.03	57.58 1.91 -32.94	25.19 2.09 0.00	35.37 2.91 0.00	32.92 2.80 0.00	21.90 1.93 0.00	28.46 2.53 0.00	28.65 2.58 -1.50	31.33 2.68 0.00	26.09 2.18 0.00	24.13 1.84 -0.64	34.60 1.77 -12.38	87.18 1.69 -66.28	39.32 1.87 -17.63	22.36 2.01 0.00	22.68 2.23 -0.05	21.75 2.05 0.00	21.19 2.02 0.00	22.61 2.00 -0.69	22.47 1.98 0.00	23.36 1.68 -4.28
FRESHKLS_33_KV_LOAD 356253	23.65 1.49 0.00	23.23 1.29 0.00	22.55 1.27 0.00	24.45 1.44 0.00	24.21 1.48 0.00	24.87 1.76 0.00	34.98 2.50 -0.01	32.68 2.55 -0.01	21.75 1.76 -0.02	107.83 2.22 -79.70	164.21 2.13 -137.51	30.92 2.20 -0.08	25.77 1.82 -0.05	23.87 1.57 -0.65	32.40 1.43 -10.52	35.04 1.33 -14.50	21.41 1.55 -0.04	111.38 1.77 -89.26	102.50 1.94 -80.17	132.67 1.77 -111.20	81.23 1.79 -60.28	59.37 1.77 -37.68	47.21 1.66 -25.06	18.81 1.39 -0.02
FULTON COGEN____ 23766	21.46 -0.70 0.00	21.22 -0.72 0.00	20.56 -0.72 0.00	22.22 -0.78 0.00	21.96 -0.76 0.00	22.38 -0.72 0.00	31.37 -1.10 0.00	29.16 -0.96 0.00	19.36 -0.61 0.00	24.94 -0.99 0.00	23.58 -1.00 0.00	27.37 -1.28 0.00	22.82 -1.09 0.00	20.68 -0.97 0.00	19.55 -0.90 0.00	18.46 -0.75 0.00	19.26 -0.56 0.00	19.91 -0.45 0.00	19.86 -0.53 0.00	19.13 -0.57 0.00	18.59 -0.58 0.00	19.27 -0.67 0.00	19.74 -0.76 0.00	16.83 -0.58 0.00
FULTON___LFGE 323630	24.27 2.11 0.00	24.01 2.08 0.00	23.31 2.04 0.00	25.19 2.19 0.00	24.93 2.20 0.00	25.53 2.43 0.00	36.08 3.61 0.00	33.51 3.39 0.00	21.68 1.70 0.00	27.20 1.27 0.00	25.48 0.90 0.00	30.03 1.38 0.00	25.20 1.29 0.00	22.82 1.17 0.00	21.07 0.62 0.00	19.88 0.67 0.00	21.11 1.29 0.00	22.58 2.23 0.00	22.78 2.38 0.00	21.92 2.22 0.00	21.24 2.08 0.00	21.94 2.01 0.00	22.43 1.94 0.00	19.02 1.62 0.00
G.F.CEMENT___DRP 24184	23.27 1.11 0.00	22.96 1.03 0.00	22.25 0.98 0.00	23.97 0.97 0.00	23.78 1.06 0.00	24.28 1.17 0.00	34.19 1.73 0.00	31.73 1.62 0.00	20.95 0.97 0.00	27.17 1.25 0.00	25.67 1.10 0.00	29.54 0.89 0.00	24.41 0.50 0.00	22.10 0.44 0.00	20.96 0.51 0.00	19.82 0.60 0.00	20.71 0.88 0.00	21.45 1.10 0.00	21.62 1.23 0.00	20.87 1.17 0.00	20.26 1.09 0.00	20.96 1.03 0.00	21.48 0.99 0.00	18.23 0.83 0.00
GARDENVILLE___LBMP 24039	20.66 -1.51 0.00	20.53 -1.41 0.00	19.89 -1.38 0.00	21.63 -1.37 0.00	21.17 -1.56 0.00	21.46 -1.64 0.00	29.43 -3.02 0.02	27.75 -2.37 0.00	18.41 -1.56 0.00	23.95 -1.97 0.00	22.63 -1.94 0.00	26.36 -2.29 0.00	22.06 -1.85 0.00	19.94 -1.71 0.00	18.81 -1.63 0.00	17.91 -1.31 0.00	18.85 -0.98 0.00	19.51 -0.85 0.00	19.27 -1.12 0.00	18.41 -1.28 0.00	17.95 -1.21 0.00	18.50 -1.43 0.00	18.89 -1.61 0.00	16.14 -1.27 0.00
GARDNVLA_35_KV_LD 355827	20.74 -1.42 0.00	20.60 -1.33 0.00	19.96 -1.32 0.00	21.70 -1.30 0.00	21.24 -1.48 0.00	21.53 -1.57 0.00	29.52 -2.93 0.02	27.87 -2.25 0.00	18.49 -1.48 0.00	24.06 -1.87 0.00	22.73 -1.84 0.00	26.47 -2.18 0.00	22.16 -1.74 0.00	20.04 -1.61 0.00	18.91 -1.54 0.00	18.00 -1.22 0.00	18.94 -0.88 0.00	19.60 -0.75 0.00	19.37 -1.02 0.00	18.52 -1.18 0.00	18.04 -1.12 0.00	18.59 -1.34 0.00	18.97 -1.52 0.00	16.19 -1.21 0.00
GELCKHM___115KV_LOAD 80723	21.63 -0.54 0.00	21.39 -0.54 0.00	20.72 -0.56 0.00	22.39 -0.61 0.00	22.13 -0.59 0.00	22.56 -0.54 0.00	31.62 -0.84 0.01	29.61 -0.51 0.00	19.64 -0.34 0.00	25.17 -0.75 0.00	23.80 -0.78 0.00	27.64 -1.01 0.00	23.03 -0.88 0.00	20.88 -0.77 0.00	19.74 -0.71 0.00	18.63 -0.58 0.00	19.41 -0.41 0.00	20.05 -0.31 0.00	20.00 -0.39 0.00	19.26 -0.44 0.00	18.73 -0.44 0.00	19.41 -0.52 0.00	19.90 -0.59 0.00	16.96 -0.44 0.00
GENERAL___MILLS 23808	20.73 -1.43 0.00	20.59 -1.34 0.00	19.96 -1.32 0.00	21.70 -1.31 0.00	21.24 -1.49 0.00	21.53 -1.58 0.00	29.51 -2.94 0.02	27.84 -2.27 0.00	18.48 -1.50 0.00	24.03 -1.89 0.00	22.71 -1.86 0.00	26.45 -2.20 0.00	22.14 -1.76 0.00	20.02 -1.63 0.00	18.89 -1.56 0.00	17.98 -1.23 0.00	18.92 -0.90 0.00	19.58 -0.78 0.00	19.34 -1.05 0.00	18.49 -1.21 0.00	18.02 -1.15 0.00	18.57 -1.36 0.00	18.96 -1.54 0.00	16.19 -1.22 0.00
GE_PLASTICS___DRP 24183	22.97 0.81 0.00	22.71 0.78 0.00	22.05 0.77 0.00	23.83 0.83 0.00	23.54 0.81 0.00	23.91 0.81 0.00	33.50 1.04 0.00	31.15 1.03 0.00	20.67 0.70 0.00	26.84 0.92 0.00	25.40 0.82 0.00	29.38 0.72 0.00	24.33 0.42 0.00	22.01 0.36 0.00	20.79 0.34 0.00	19.57 0.35 0.00	20.30 0.48 0.00	20.97 0.62 0.00	21.12 0.73 0.00	20.36 0.67 0.00	19.84 0.67 0.00	20.63 0.70 0.00	21.11 0.62 0.00	17.94 0.54 0.00
GILBOA___1 23756	22.97 0.81 0.00	22.68 0.75 0.00	22.00 0.73 0.00	23.72 0.72 0.00	23.46 0.73 0.00	23.91 0.81 0.00	33.60 1.13 0.00	31.28 1.16 0.00	20.77 0.79 0.00	26.93 1.00 0.00	25.51 0.93 0.00	29.54 0.89 0.00	24.56 0.65 0.00	22.20 0.55 0.00	20.95 0.50 0.00	19.70 0.49 0.00	20.46 0.64 0.00	21.14 0.79 0.00	21.26 0.87 0.00	20.49 0.79 0.00	19.95 0.78 0.00	20.67 0.74 0.00	21.18 0.69 0.00	17.98 0.58 0.00
GILBOA___2 23757	22.97 0.81 0.00	22.68 0.75 0.00	22.00 0.73 0.00	23.72 0.72 0.00	23.46 0.73 0.00	23.91 0.81 0.00	33.60 1.13 0.00	31.28 1.16 0.00	20.77 0.79 0.00	26.93 1.00 0.00	25.51 0.93 0.00	29.54 0.89 0.00	24.56 0.65 0.00	22.20 0.55 0.00	20.95 0.50 0.00	19.70 0.49 0.00	20.46 0.64 0.00	21.14 0.79 0.00	21.26 0.87 0.00	20.49 0.79 0.00	19.95 0.78 0.00	20.67 0.74 0.00	21.18 0.69 0.00	17.98 0.58 0.00
GILBOA___3 23758	22.97 0.81 0.00	22.68 0.75 0.00	22.00 0.73 0.00	23.72 0.72 0.00	23.46 0.73 0.00	23.91 0.81 0.00	33.60 1.13 0.00	31.28 1.16 0.00	20.77 0.79 0.00	26.93 1.00 0.00	25.51 0.93 0.00	29.54 0.89 0.00	24.56 0.65 0.00	22.20 0.55 0.00	20.95 0.50 0.00	19.70 0.49 0.00	20.46 0.64 0.00	21.14 0.79 0.00	21.26 0.87 0.00	20.49 0.79 0.00	19.95 0.78 0.00	20.67 0.74 0.00	21.18 0.69 0.00	17.98 0.58 0.00

GILBOA___4 23759	22.97 0.81 0.00	22.68 0.75 0.00	22.00 0.73 0.00	23.72 0.72 0.00	23.46 0.73 0.00	23.91 0.81 0.00	33.60 1.13 0.00	31.28 1.16 0.00	20.77 0.79 0.00	26.93 1.00 0.00	25.51 0.93 0.00	29.54 0.89 0.00	24.56 0.65 0.00	22.20 0.55 0.00	20.95 0.50 0.00	19.70 0.49 0.00	20.46 0.64 0.00	21.14 0.79 0.00	21.26 0.87 0.00	20.49 0.79 0.00	19.95 0.78 0.00	20.67 0.74 0.00	21.18 0.69 0.00	17.98 0.58 0.00
GILBOA____ 23599	22.98 0.81 0.00	22.68 0.75 0.00	22.00 0.73 0.00	23.72 0.72 0.00	23.46 0.73 0.00	23.92 0.81 0.00	33.60 1.14 0.00	31.28 1.16 0.00	20.77 0.80 0.00	26.93 1.01 0.00	25.51 0.94 0.00	29.54 0.89 0.00	24.57 0.66 0.00	22.21 0.55 0.00	20.95 0.50 0.00	19.71 0.49 0.00	20.46 0.64 0.00	21.14 0.79 0.00	21.26 0.87 0.00	20.49 0.79 0.00	19.95 0.78 0.00	20.68 0.74 0.00	21.18 0.69 0.00	17.98 0.58 0.00
GINNA____ 23603	19.67 -1.96 0.54	18.53 -1.94 1.46	17.96 -1.88 1.44	19.86 -1.98 1.16	19.93 -2.01 0.79	20.10 -2.05 0.96	28.25 -3.10 1.12	25.67 -2.61 1.84	17.26 -1.77 0.95	23.02 -2.45 0.46	22.04 -2.38 0.15	25.27 -2.88 0.50	21.19 -2.42 0.29	19.29 -2.18 0.18	18.22 -2.03 0.19	17.14 -1.71 0.36	17.29 -1.48 1.05	18.58 -1.37 0.41	16.88 -1.54 1.97	17.82 -1.64 0.24	16.95 -1.55 0.66	17.67 -1.72 0.54	17.78 -1.90 0.82	14.99 -1.56 0.85
GLEN PARK____ 23778	22.12 -0.05 0.00	21.72 -0.21 0.00	20.99 -0.28 0.00	22.77 -0.23 0.00	22.55 -0.18 0.00	23.28 0.18 0.00	32.75 0.28 0.00	30.33 0.21 0.00	19.62 -0.35 0.00	24.95 -0.98 0.00	23.48 -1.10 0.00	27.21 -1.44 0.00	22.45 -1.45 0.00	20.59 -1.06 0.00	19.44 -1.00 0.00	18.37 -0.84 0.00	19.31 -0.51 0.00	20.40 0.05 0.00	20.34 -0.05 0.00	19.42 -0.27 0.00	18.49 -0.43 0.24	19.50 -0.49 -0.06	20.92 -0.62 -1.05	18.30 -0.58 -1.48
GLENDALE_27_KV_LOAD 356172	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.53 1.53 0.00	24.29 1.56 0.00	24.95 1.85 0.00	35.13 2.66 0.00	32.88 2.76 0.00	21.89 1.92 0.00	42.37 2.45 -13.99	51.07 2.36 -24.14	31.13 2.47 -0.01	25.97 2.05 -0.01	24.04 1.76 -0.63	32.55 1.60 -10.51	35.19 1.48 -14.50	21.52 1.69 -0.01	37.53 1.94 -15.23	36.17 2.09 -13.68	40.59 1.91 -18.98	31.35 1.90 -10.29	28.21 1.85 -6.43	26.50 1.73 -4.28	18.85 1.45 0.00
GLENWOOD_IC_1_G5 23712	45.02 1.93 -20.93	23.64 1.71 0.00	23.19 1.71 -0.21	30.95 1.91 -6.03	57.58 1.92 -32.94	25.20 2.10 0.00	35.41 2.94 0.00	32.97 2.85 0.00	21.95 1.98 0.00	28.51 2.59 0.00	28.67 2.60 -1.50	31.38 2.73 0.00	26.14 2.23 0.00	24.17 2.23 -0.64	34.61 1.78 -12.38	87.12 1.63 -66.28	39.26 1.81 -17.63	22.31 1.95 0.00	22.53 2.08 -0.05	21.60 1.91 0.00	21.06 1.90 0.00	22.63 2.01 -0.69	22.46 1.97 0.00	23.35 1.67 -4.28
GLENWOOD_IC_2_G1 23688	44.90 1.80 -20.93	23.52 1.59 0.00	23.06 1.58 -0.21	30.81 1.78 -6.03	57.46 1.79 -32.94	25.07 1.97 0.00	35.22 2.76 0.00	32.80 2.68 0.00	21.83 1.86 0.00	28.36 2.44 0.00	28.52 2.44 -1.50	31.20 2.55 0.00	25.98 2.07 0.00	24.04 1.75 -0.64	34.49 1.67 -12.38	87.05 1.55 -66.28	39.20 1.74 -17.63	22.25 1.89 0.00	22.53 2.08 -0.05	21.61 1.91 0.00	21.06 1.89 0.00	22.52 1.90 -0.69	22.35 1.85 0.00	23.26 1.58 -4.28
GLENWOOD_IC_3_G1 23689	44.90 1.80 -20.93	23.52 1.59 0.00	23.06 1.58 -0.21	30.81 1.78 -6.03	57.46 1.79 -32.94	25.07 1.97 0.00	35.22 2.76 0.00	32.80 2.68 0.00	21.83 1.86 0.00	28.36 2.44 0.00	28.52 2.44 -1.50	31.20 2.55 0.00	25.98 2.07 0.00	24.04 1.75 -0.64	34.49 1.67 -12.38	87.05 1.55 -66.28	39.20 1.74 -17.63	22.25 1.89 0.00	22.53 2.08 -0.05	21.61 1.91 0.00	21.06 1.89 0.00	22.52 1.90 -0.69	22.35 1.85 0.00	23.26 1.58 -4.28
GLENWOOD___4 23550	45.02 1.93 -20.93	23.64 1.71 0.00	23.19 1.71 -0.21	30.95 1.91 -6.03	57.58 1.92 -32.94	25.20 2.10 0.00	35.41 2.94 0.00	32.97 2.85 0.00	21.95 1.98 0.00	28.51 2.59 0.00	28.67 2.60 -1.50	31.38 2.73 0.00	26.14 2.23 0.00	24.17 1.88 -0.64	34.61 1.79 -12.38	87.15 1.65 -66.28	39.28 1.83 -17.63	22.34 1.98 0.00	22.58 2.13 -0.05	21.66 1.96 0.00	21.11 1.94 0.00	22.63 2.01 -0.69	22.46 1.97 0.00	23.35 1.67 -4.28
GLENWOOD___5 23614	45.02 1.93 -20.93	23.64 1.71 0.00	23.19 1.71 -0.21	30.95 1.91 -6.03	57.58 1.92 -32.94	25.20 2.10 0.00	35.41 2.94 0.00	32.97 2.85 0.00	21.95 1.98 0.00	28.51 2.59 0.00	28.67 2.60 -1.50	31.38 2.73 0.00	26.14 2.23 0.00	24.17 1.88 -0.64	34.61 1.79 -12.38	87.15 1.65 -66.28	39.28 1.83 -17.63	22.34 1.98 0.00	22.58 2.13 -0.05	21.66 1.96 0.00	21.11 1.94 0.00	22.63 2.01 -0.69	22.46 1.97 0.00	23.35 1.67 -4.28
GLOBAL GREEN_PORT_GT1 23814	45.99 2.88 -20.94	24.54 2.61 0.00	24.11 2.62 -0.21	31.95 2.92 -6.03	58.61 2.94 -32.94	26.15 3.05 -0.01	36.66 4.18 0.00	118.94 3.65 -85.17	60.47 2.01 -38.50	29.07 3.15 0.00	29.36 3.28 -1.50	32.08 3.43 0.00	26.78 2.87 0.00	24.72 2.44 -0.64	35.20 2.37 -12.38	87.89 2.39 -66.28	79.43 2.08 -57.52	22.44 2.08 0.00	70.44 2.49 -47.55	38.10 2.30 -16.11	23.40 2.24 -1.99	22.79 2.18 -0.69	22.87 2.38 0.00	24.10 2.41 -4.28
GLOBE___DSASP 323697	19.94 -2.22 0.00	19.84 -2.09 0.00	19.26 -2.02 0.00	20.93 -2.08 0.00	20.47 -2.25 0.00	20.67 -2.43 0.00	28.20 -4.24 0.02	26.60 -3.52 0.00	17.61 -2.36 0.00	22.80 -3.13 0.00	21.52 -3.05 0.00	25.11 -3.54 0.00	21.02 -2.89 0.00	18.97 -2.68 0.00	17.93 -2.52 0.00	17.12 -2.09 0.00	18.09 -1.73 0.00	18.61 -1.74 0.00	18.44 -1.95 0.00	17.53 -2.16 0.00	17.22 -1.94 0.00	17.74 -2.19 0.00	18.21 -2.28 0.00	15.56 -1.84 0.00
GOETHSLN___LBMP 323567	23.50 1.34 0.00	23.08 1.15 0.00	22.41 1.14 0.00	24.30 1.29 0.00	24.04 1.31 0.00	24.68 1.58 0.00	34.79 2.32 0.00	32.50 2.39 0.00	21.63 1.66 0.00	28.07 2.14 0.00	26.64 2.06 0.00	30.74 2.10 0.00	25.63 1.72 0.00	23.73 1.45 -0.63	32.27 1.30 -10.52	34.94 1.21 -14.51	21.26 1.44 0.00	22.07 1.71 0.00	22.28 1.89 0.00	21.42 1.73 0.00	20.88 1.72 0.00	21.57 1.64 0.00	22.04 1.54 0.00	18.66 1.26 0.00
GOLAH___69_KV_TB 1_2 80279	21.12 -1.04 0.00	20.94 -0.99 0.00	20.30 -0.97 0.00	22.03 -0.97 0.00	21.65 -1.07 0.00	21.99 -1.11 0.00	30.49 -1.96 0.02	28.65 -1.47 0.00	18.95 -1.03 0.00	24.44 -1.49 0.00	23.10 -1.48 0.00	26.83 -1.82 0.00	22.42 -1.49 0.00	20.28 -1.37 0.00	19.16 -1.28 0.00	18.27 -0.94 0.00	19.20 -0.62 0.00	19.87 -0.48 0.00	19.73 -0.67 0.00	18.88 -0.82 0.00	18.42 -0.75 0.00	19.01 -0.91 0.00	19.42 -1.08 0.00	16.55 -0.85 0.00
GOODYEAR_LAKE_HYD 323669	23.04 0.88 0.00	22.79 0.86 0.00	22.09 0.82 0.00	23.85 0.85 0.00	23.64 0.91 0.00	24.12 1.02 0.00	33.98 1.51 0.00	31.59 1.47 0.00	20.92 0.95 0.00	27.03 1.10 0.00	25.54 0.97 0.00	29.71 1.06 0.00	24.78 0.87 0.00	22.40 0.75 0.00	21.10 0.66 0.00	19.86 0.65 0.00	20.69 0.87 0.00	21.43 1.08 0.00	21.43 1.04 0.00	20.65 0.95 0.00	20.05 0.89 0.00	20.77 0.84 0.00	21.28 0.79 0.00	18.08 0.68 0.00

GOUDEY___1 345031	22.27 0.10 0.00	22.04 0.11 0.00	21.32 0.05 0.00	23.08 0.07 0.00	22.84 0.11 0.00	23.28 0.18 0.00	32.66 0.19 0.01	30.49 0.38 0.00	20.23 0.25 0.00	26.15 0.23 0.00	24.67 0.10 0.00	28.62 -0.03 0.00	23.86 -0.05 0.00	21.59 -0.06 0.00	20.37 -0.07 0.00	19.22 0.00 0.00	20.02 0.20 0.00	20.77 0.42 0.00	20.75 0.36 0.00	19.98 0.28 0.00	19.42 0.25 0.00	20.08 0.16 0.00	20.58 0.09 0.00	17.51 0.11 0.00
GOUDEY___7 23579	22.28 0.12 0.00	22.06 0.13 0.00	21.34 0.07 0.00	23.09 0.09 0.00	22.86 0.13 0.00	23.30 0.20 0.00	32.69 0.22 0.01	30.53 0.41 0.00	20.25 0.27 0.00	26.18 0.25 0.00	24.70 0.12 0.00	28.64 -0.01 0.00	23.87 -0.03 0.00	21.61 -0.04 0.00	20.39 -0.06 0.00	19.24 0.02 0.00	20.04 0.22 0.00	20.80 0.44 0.00	20.77 0.37 0.00	20.00 0.30 0.00	19.44 0.27 0.00	20.10 0.17 0.00	20.60 0.11 0.00	17.52 0.12 0.00
GOUDEY___8 23580	22.27 0.10 0.00	22.04 0.11 0.00	21.32 0.05 0.00	23.08 0.07 0.00	22.84 0.11 0.00	23.28 0.18 0.00	32.66 0.19 0.01	30.49 0.38 0.00	20.23 0.25 0.00	26.15 0.23 0.00	24.67 0.10 0.00	28.62 -0.03 0.00	23.86 -0.05 0.00	21.59 -0.06 0.00	20.37 -0.07 0.00	19.22 0.00 0.00	20.02 0.20 0.00	20.77 0.42 0.00	20.75 0.36 0.00	19.98 0.28 0.00	19.42 0.25 0.00	20.08 0.16 0.00	20.58 0.09 0.00	17.51 0.11 0.00
GOWANUS_GT1_1 24077	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GOWANUS_GT1_2 24078	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GOWANUS_GT1_3 24079	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GOWANUS_GT1_4 24080	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GOWANUS_GT1_5 24084	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GOWANUS_GT1_6 24111	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GOWANUS_GT1_7 24112	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GOWANUS_GT1_8 24113	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GOWANUS_GT2_1 24114	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
GOWANUS_GT2_2 24115	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
GOWANUS_GT2_3 24116	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
GOWANUS_GT2_4 24117	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02

GOWANUS_GT2_5 24118	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
GOWANUS_GT2_6 24119	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
GOWANUS_GT2_7 24120	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
GOWANUS_GT2_8 24121	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
GOWANUS_GT3_1 24122	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
GOWANUS_GT3_2 24123	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
GOWANUS_GT3_3 24124	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0

GOWANUS_GT4_4 24133	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GOWANUS_GT4_5 24134	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GOWANUS_GT4_6 24135	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GOWANUS_GT4_7 24136	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GOWANUS_GT4_8 24137	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GREENBSH_115KV_TB3 55895	22.96 0.80 0.00	22.74 0.81 0.00	22.08 0.81 0.00	23.87 0.86 0.00	23.55 0.83 0.00	23.82 0.72 0.00	33.28 0.81 0.00	30.95 0.83 0.00	20.56 0.58 0.00	26.76 0.84 0.00	25.28 0.70 0.00	29.17 0.53 0.00	24.09 0.19 0.00	21.83 0.18 0.00	20.65 0.21 0.00	19.44 0.23 0.00	20.15 0.33 0.00	20.81 0.45 0.00	20.97 0.58 0.00	20.23 0.53 0.00	19.78 0.61 0.00	20.61 0.68 0.00	21.07 0.58 0.00	17.92 0.52 0.00
GREENDGE_115KV_TB5 80291	21.80 -0.36 0.00	21.67 -0.26 0.00	20.91 -0.36 0.00	22.67 -0.33 0.00	22.49 -0.24 0.00	22.89 -0.22 0.00	31.97 -0.49 0.01	30.01 -0.11 0.00	19.89 -0.08 0.00	25.49 -0.43 0.00	23.94 -0.63 0.00	27.56 -1.09 0.00	23.10 -0.80 0.00	20.93 -0.72 0.00	19.75 -0.70 0.00	18.72 -0.50 0.00	19.68 -0.15 0.00	20.54 0.19 0.00	20.44 0.04 0.00	19.62 -0.08 0.00	19.04 -0.13 0.00	19.59 -0.34 0.00	20.11 -0.39 0.00	17.11 -0.29 0.00
GREENIDGE___3 23582	21.80 -0.36 0.00	21.67 -0.26 0.00	20.91 -0.36 0.00	22.67 -0.33 0.00	22.49 -0.24 0.00	22.89 -0.22 0.00	31.97 -0.49 0.01	30.01 -0.11 0.00	19.89 -0.08 0.00	25.49 -0.43 0.00	23.94 -0.63 0.00	27.56 -1.09 0.00	23.10 -0.80 0.00	20.93 -0.72 0.00	19.75 -0.70 0.00	18.72 -0.50 0.00	19.68 -0.15 0.00	20.54 0.19 0.00	20.44 0.04 0.00	19.62 -0.08 0.00	19.04 -0.13 0.00	19.59 -0.34 0.00	20.11 -0.39 0.00	17.11 -0.29 0.00
GREENIDGE___4 23583	22.25 -0.36 -0.45	22.87 -0.27 -1.21	22.11 -0.36 -1.20	23.63 -0.34 -0.96	23.14 -0.24 -0.65	23.67 -0.23 -0.79	32.85 -0.50 -0.88	31.50 -0.11 -1.48	20.64 -0.09 -0.76	25.86 -0.44 -0.37	24.07 -0.63 -0.12	27.96 -1.10 -0.40	23.34 -0.81 -0.24	21.07 -0.73 -0.15	19.90 -0.70 -0.16	19.00 -0.50 -0.29	20.52 -0.15 -0.85	20.87 0.19 -0.33	22.02 0.03 -1.59	19.81 -0.09 -0.20	19.57 -0.14 -0.53	20.01 -0.35 -0.43	20.76 -0.39 -0.66	17.79 -0.30 -0.69
GREENLWN_69_KV_BK 3 55738	44.87 1.78 -20.93	23.51 1.57 0.00	23.07 1.58 -0.21	30.81 1.77 -6.03	57.47 1.80 -32.94	25.03 1.93 0.00	35.03 2.56 0.00	-6.38 2.43 38.93	4.13 1.75 17.60	28.27 2.34 0.00	28.47 2.39 -1.50	31.16 2.51 0.00	25.95 2.04 0.00	24.00 1.71 -0.64	34.47 1.65 -12.38	87.04 1.55 -66.28	20.91 1.69 0.60	22.14 1.78 0.00	0.78 2.04 21.65	14.18 1.84 7.36	20.09 1.83 0.91	22.42 1.81 -0.69	22.29 1.80 0.00	23.25 1.57 -4.28
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02
GRISSOM___SOLAR 323813	24.27 2.11 0.00	24.01 2.08 0.00	23.31 2.04 0.00	25.19 2.19 0.00	24.93 2.20 0.00	25.53 2.43 0.00	36.08 3.61 0.00	33.51 3.39 0.00	21.68 1.70 0.00	27.20 1.27 0.00	25.48 0.90 0.00	30.03 1.38 0.00	25.20 1.29 0.00	22.82 1.17 0.00	21.07 0.62 0.00	19.88 0.67 0.00	21.11 1.29 0.00	22.58 2.23 0.00	22.78 2.38 0.00	21.92 2.22 0.00	21.24 2.08 0.00	21.94 2.01 0.00	22.43 1.94 0.00	19.02 1.62 0.00
GROVEVILLE___HYD 323602	23.70 1.54 0.00	23.31 1.38 0.00	22.62 1.35 0.00	24.51 1.51 0.00	24.25 1.52 0.00	24.82 1.72 0.00	34.97 2.50 0.00	32.63 2.51 0.00	21.67 1.69 0.00	28.07 2.15 0.00	26.62 2.05 0.00	30.77 2.12 0.00	25.65 1.75 0.00	23.14 1.49 0.00	21.78 1.34 0.00	20.48 1.26 0.00	21.32 1.50 0.00	22.13 1.78 0.00	22.33 1.93 0.00	21.49 1.79 0.00	20.91 1.75 0.00	21.62 1.69 0.00	22.11 1.61 0.00	18.72 1.32 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.81 -0.35 0.00	21.59 -0.34 0.00	20.88 -0.39 0.00	22.56 -0.45 0.00	22.32 -0.41 0.00	22.76 -0.35 0.00	31.93 -0.54 0.01	30.04 -0.07 0.00	19.89 -0.08 0.00	25.32 -0.60 0.00	23.92 -0.66 0.00	27.78 -0.87 0.00	23.15 -0.76 0.00	20.99 -0.66 0.00	19.83 -0.61 0.00	18.73 -0.48 0.00	19.51 -0.31 0.00	20.17 -0.19 0.00	20.11 -0.28 0.00	19.38 -0.32 0.00	18.83 -0.33 0.00	19.51 -0.42 0.00	20.02 -0.48 0.00	17.06 -0.34 0.00
HAMLTNNY_34_KV_TB 80303	21.83 -0.33 0.00	21.61 -0.32 0.00	20.90 -0.37 0.00	22.59 -0.42 0.00	22.35 -0.37 0.00	22.81 -0.29 0.00	32.03 -0.44 0.00	30.35 0.23 0.00	20.06 0.09 0.00	25.26 -0.67 0.00	23.86 -0.71 0.00	27.70 -0.95 0.00	23.09 -0.82 0.00	20.93 -0.72 0.00	19.78 -0.67 0.00	18.69 -0.52 0.00	19.49 -0.33 0.00	20.15 -0.20 0.00	20.09 -0.30 0.00	19.35 -0.36 0.00	18.81 -0.35 0.00	19.49 -0.44 0.00	20.01 -0.49 0.00	17.06 -0.34 0.00

HAMPSHIRE___PAPER_HYD 323593	21.81 -0.35 0.00	21.57 -0.37 0.00	20.89 -0.38 0.00	22.66 -0.35 0.00	22.33 -0.39 0.00	22.76 -0.34 0.00	32.05 -0.42 0.00	29.64 -0.48 0.00	19.38 -0.60 0.00	24.98 -0.94 0.00	23.61 -0.96 0.00	27.61 -1.04 0.00	23.03 -0.88 0.00	20.99 -0.66 0.00	19.86 -0.59 0.00	18.65 -0.57 0.00	19.13 -0.69 0.00	19.81 -0.55 0.00	19.81 -0.59 0.00	19.04 -0.66 0.00	17.72 -0.76 0.69	19.30 -0.78 -0.14	22.45 -0.73 -2.68	20.63 -0.63 -3.86
HARDSCRABBLE_WT_PWR 323673	22.63 0.47 0.00	22.38 0.45 0.00	21.76 0.48 0.00	23.51 0.51 0.00	23.28 0.55 0.00	23.69 0.58 0.00	33.33 0.86 0.00	30.91 0.79 0.00	20.41 0.44 0.00	26.39 0.46 0.00	25.01 0.43 0.00	28.81 0.17 0.00	23.97 0.06 0.00	21.65 0.00 0.00	20.35 -0.09 0.00	19.18 -0.04 0.00	20.01 0.19 0.00	20.80 0.45 0.00	20.91 0.51 0.00	20.17 0.47 0.00	19.79 0.56 -0.06	20.49 0.54 -0.02	20.96 0.38 -0.09	17.76 0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.53 1.37 0.00	23.14 1.21 0.00	22.47 1.20 0.00	24.36 1.35 0.00	24.10 1.38 0.00	24.67 1.57 0.00	34.76 2.30 0.00	32.43 2.31 0.00	21.54 1.57 0.00	27.93 2.01 0.00	26.49 1.92 0.00	30.62 1.97 0.00	25.51 1.61 0.00	22.38 1.36 0.62	11.24 1.22 10.43	5.97 1.14 14.39	21.20 1.38 0.00	22.01 1.66 0.00	22.21 1.82 0.00	21.37 1.67 0.00	20.80 1.64 0.00	21.51 1.58 0.00	21.99 1.50 0.00	18.62 1.22 0.00
HARSNRAD_115KV_TB1 81005	20.30 -1.86 0.00	20.23 -1.70 0.00	19.62 -1.65 0.00	21.32 -1.68 0.00	20.81 -1.91 0.00	21.09 -2.01 0.00	28.78 -3.66 0.02	27.15 -2.97 0.00	18.00 -1.97 0.00	23.36 -2.57 0.00	22.06 -2.51 0.00	25.69 -2.96 0.00	21.55 -2.36 0.00	19.45 -2.20 0.00	18.36 -2.08 0.00	17.51 -1.71 0.00	18.45 -1.37 0.00	19.09 -1.27 0.00	18.88 -1.52 0.00	18.02 -1.68 0.00	17.61 -1.56 0.00	18.15 -1.78 0.00	18.54 -1.96 0.00	15.88 -1.52 0.00
HARZA MOOSE___RIVER 24016	22.42 0.26 0.00	22.08 0.15 0.00	21.39 0.12 0.00	23.20 0.20 0.00	22.92 0.19 0.00	23.49 0.39 0.00	33.03 0.57 0.00	30.66 0.55 0.00	20.08 0.10 0.00	25.79 -0.14 0.00	24.33 -0.24 0.00	28.28 -0.37 0.00	23.50 -0.40 0.00	21.39 -0.26 0.00	20.24 -0.20 0.00	19.09 -0.12 0.00	19.82 -0.01 0.00	20.62 0.27 0.00	20.61 0.22 0.00	19.77 0.08 0.00	18.99 -0.03 0.14	19.89 -0.10 -0.06	21.16 -0.16 -0.82	18.32 -0.16 -1.08
HDSNBRDG_115KV_BRDG_TB1 355580	21.63 -0.53 0.00	21.39 -0.54 0.00	20.72 -0.55 0.00	22.40 -0.61 0.00	22.14 -0.58 0.00	22.57 -0.53 0.00	31.62 -0.84 0.01	29.56 -0.56 0.00	19.62 -0.35 0.00	25.26 -0.67 0.00	23.88 -0.70 0.00	27.72 -0.93 0.00	23.10 -0.81 0.00	20.95 -0.71 0.00	19.79 -0.66 0.00	18.69 -0.53 0.00	19.48 -0.34 0.00	20.13 -0.22 0.00	20.09 -0.31 0.00	19.34 -0.36 0.00	18.80 -0.36 0.00	19.48 -0.45 0.00	19.96 -0.54 0.00	17.00 -0.40 0.00
HELLGATE_13_KV_LD 55870	23.64 1.48 0.00	23.23 1.30 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.18 1.46 0.00	24.84 1.74 0.00	34.95 2.48 0.00	32.73 2.61 0.00	21.78 1.80 0.00	42.13 2.30 -13.91	50.78 2.20 -24.00	30.96 2.29 -0.01	25.82 1.91 -0.01	23.92 1.63 -0.63	32.43 1.48 -10.51	35.08 1.37 -14.50	21.39 1.57 -0.01	37.31 1.81 -15.15	35.95 1.96 -13.61	40.34 1.77 -18.87	31.17 1.77 -10.23	28.04 1.72 -6.39	26.35 1.61 -4.25	18.76 1.36 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.64 1.48 0.00	23.23 1.30 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.18 1.46 0.00	24.84 1.74 0.00	34.95 2.48 0.00	32.73 2.61 0.00	21.78 1.80 0.00	42.13 2.30 -13.91	50.78 2.20 -24.00	30.96 2.29 -0.01	25.82 1.91 -0.01	23.92 1.63 -0.63	32.43 1.48 -10.51	35.08 1.37 -14.50	21.39 1.57 -0.01	37.31 1.81 -15.15	35.95 1.96 -13.61	40.34 1.77 -18.87	31.17 1.77 -10.23	28.04 1.72 -6.39	26.35 1.61 -4.25	18.76 1.36 0.00
HEMPSTEAD____ 23647	44.92 1.83 -20.93	23.55 1.61 0.00	23.09 1.61 -0.21	30.85 1.81 -6.03	57.49 1.82 -32.94	25.09 1.99 0.00	35.25 2.78 0.00	32.81 2.69 0.00	21.84 1.86 0.00	28.36 2.44 0.00	28.56 2.48 -1.50	31.24 2.59 0.00	26.02 2.11 0.00	24.07 1.78 -0.64	34.52 1.70 -12.38	87.09 1.60 -66.28	39.23 1.77 -17.63	22.27 1.91 0.00	22.56 2.11 -0.05	21.63 1.94 0.00	21.07 1.91 0.00	22.53 1.92 -0.69	22.37 1.88 0.00	23.28 1.60 -4.28
HEWLETT_69_KV_BK3 55828	45.06 1.97 -20.93	23.66 1.73 0.00	23.21 1.72 -0.21	30.99 1.95 -6.03	57.60 1.94 -32.94	25.23 2.13 0.00	35.40 2.94 0.00	32.81 2.69 0.00	21.96 1.99 0.00	28.56 2.64 0.00	28.73 2.65 -1.50	31.44 2.78 0.00	26.18 2.27 0.00	24.21 1.92 -0.64	34.65 1.82 -12.38	87.21 1.72 -66.28	39.33 1.88 -17.63	22.35 2.00 0.00	22.58 2.13 -0.05	21.74 2.04 0.00	21.18 2.02 0.00	22.67 2.05 -0.69	22.48 1.99 0.00	23.37 1.69 -4.28
HICKLING___1 23621	21.83 -0.33 0.00	21.70 -0.23 0.00	20.94 -0.33 0.00	22.70 -0.30 0.00	22.54 -0.19 0.00	22.97 -0.13 0.00	32.16 -0.30 0.01	30.07 -0.05 0.00	19.93 -0.04 0.00	25.82 -0.11 0.00	24.26 -0.32 0.00	28.06 -0.58 0.00	23.43 -0.47 0.00	21.22 -0.43 0.00	20.01 -0.44 0.00	18.92 -0.29 0.00	19.78 -0.04 0.00	20.64 0.29 0.00	20.52 0.13 0.00	19.74 0.04 0.00	19.13 -0.03 0.00	19.66 -0.27 0.00	20.18 -0.31 0.00	17.16 -0.23 0.00
HICKLING___2 23622	21.83 -0.33 0.00	21.70 -0.23 0.00	20.94 -0.33 0.00	22.70 -0.30 0.00	22.54 -0.19 0.00	22.97 -0.13 0.00	32.16 -0.30 0.01	30.07 -0.05 0.00	19.93 -0.04 0.00	25.82 -0.11 0.00	24.26 -0.32 0.00	28.06 -0.58 0.00	23.43 -0.47 0.00	21.22 -0.43 0.00	20.01 -0.44 0.00	18.92 -0.29 0.00	19.78 -0.04 0.00	20.64 0.29 0.00	20.52 0.13 0.00	19.74 0.04 0.00	19.13 -0.03 0.00	19.66 -0.27 0.00	20.18 -0.31 0.00	17.16 -0.23 0.00
HIGH FALLS___HY 23754	23.68 1.52 0.00	23.26 1.33 0.00	22.58 1.30 0.00	24.47 1.47 0.00	24.23 1.50 0.00	24.88 1.78 0.00	35.16 2.69 0.00	32.85 2.74 0.00	21.78 1.81 0.00	28.12 2.20 0.00	26.67 2.10 0.00	30.66 2.01 0.00	25.42 1.51 0.00	22.94 1.29 0.00	21.49 1.05 0.00	20.22 1.00 0.00	21.14 1.32 0.00	22.07 1.71 0.00	22.29 1.90 0.00	21.48 1.78 0.00	21.01 1.84 0.00	21.68 1.75 0.00	22.15 1.66 0.00	18.74 1.34 0.00
HILLBURN___GT 23639	23.50 1.34 0.00	23.10 1.17 0.00	22.44 1.16 0.00	24.33 1.32 0.00	24.09 1.36 0.00	24.66 1.56 0.00	34.77 2.30 0.00	32.44 2.32 0.00	21.56 1.59 0.00	27.95 2.02 0.00	26.52 1.95 0.00	30.64 1.99 0.00	25.52 1.61 0.00	22.28 1.36 0.72	9.60 1.23 12.08	3.70 1.14 16.66	21.19 1.36 0.00	22.00 1.64 0.00	22.21 1.81 0.00	21.36 1.66 0.00	20.80 1.63 0.00	21.51 1.58 0.00	21.99 1.50 0.00	18.63 1.23 0.00
HILLSIDE_115KV_TB1 80332	21.64 -0.52 0.00	21.48 -0.45 0.00	20.73 -0.55 0.00	22.47 -0.53 0.00	22.27 -0.45 0.00	22.73 -0.37 0.00	31.80 -0.66 0.01	29.75 -0.37 0.00	19.74 -0.23 0.00	25.59 -0.34 0.00	24.03 -0.54 0.00	27.82 -0.84 0.00	23.22 -0.69 0.00	21.04 -0.61 0.00	19.83 -0.61 0.00	18.73 -0.48 0.00	19.53 -0.29 0.00	20.36 0.01 0.00	20.26 -0.13 0.00	19.54 -0.16 0.00	18.96 -0.21 0.00	19.52 -0.41 0.00	20.01 -0.48 0.00	17.03 -0.37 0.00

HISHELDN_WT_PWR 323625	18.88 -1.81 1.48	16.19 -1.72 4.03	15.64 -1.66 3.97	18.12 -1.68 3.20	18.71 -1.85 2.17	18.50 -1.97 2.64	25.98 -3.47 3.02	22.34 -2.81 4.97	15.58 -1.83 2.56	22.42 -2.27 1.24	21.97 -2.19 0.42	24.70 -2.60 1.35	21.00 -2.11 0.80	19.20 -1.97 0.48	18.05 -1.87 0.53	16.74 -1.51 0.97	15.84 -1.15 2.83	18.18 -1.07 1.11	13.63 -1.43 5.33	17.41 -1.63 0.67	15.84 -1.54 1.78	16.68 -1.79 1.45	16.25 -2.04 2.20	13.46 -1.64 2.30
HOLTSVILLE_IC_1 23690	45.17 2.07 -20.94	23.75 1.82 0.00	23.33 1.85 -0.21	31.13 2.09 -6.03	57.80 2.12 -32.94	25.35 2.25 -0.01	35.55 3.07 0.00	111.62 2.90 -78.60	57.46 1.96 -35.53	28.47 2.55 0.00	28.70 2.62 -1.50	31.35 2.70 0.00	26.09 2.18 0.00	24.10 1.81 -0.64	34.58 1.75 -12.38	87.22 1.73 -66.28	76.20 1.94 -54.44	22.33 1.97 0.00	66.55 2.27 -43.89	36.63 2.07 -14.86	23.04 2.04 -1.83	22.62 2.01 -0.69	22.54 2.04 0.00	23.50 1.82 -4.28
HOLTSVILLE_IC_10 23699	45.28 2.18 -20.94	23.86 1.93 0.00	23.43 1.95 -0.21	31.23 2.20 -6.03	57.91 2.23 -32.94	25.48 2.37 -0.01	35.72 3.25 0.00	135.03 3.07 -101.84	68.07 2.07 -46.03	28.62 2.69 0.00	28.84 2.76 -1.50	31.51 2.86 0.00	26.23 2.32 0.00	24.21 1.92 -0.64	34.68 1.85 -12.38	87.32 1.82 -66.28	87.21 2.05 -65.33	22.45 2.10 0.00	79.61 2.37 -56.85	41.12 2.17 -19.26	23.70 2.16 -2.37	22.74 2.12 -0.69	22.65 2.15 0.00	23.59 1.90 -4.29
HOLTSVILLE_IC_2 23691	45.17 2.07 -20.94	23.75 1.82 0.00	23.33 1.85 -0.21	31.13 2.09 -6.03	57.80 2.12 -32.94	25.35 2.25 -0.01	35.55 3.07 0.00	111.62 2.90 -78.60	57.46 1.96 -35.53	28.47 2.55 0.00	28.70 2.62 -1.50	31.35 2.70 0.00	26.09 2.18 0.00	24.10 1.81 -0.64	34.58 1.75 -12.38	87.22 1.73 -66.28	76.20 1.94 -54.44	22.33 1.97 0.00	66.55 2.27 -43.89	36.63 2.07 -14.86	23.04 2.04 -1.83	22.62 2.01 -0.69	22.54 2.04 0.00	23.50 1.82 -4.28
HOLTSVILLE_IC_3 23692	45.17 2.07 -20.94	23.75 1.82 0.00	23.33 1.85 -0.21	31.13 2.09 -6.03	57.80 2.12 -32.94	25.35 2.25 -0.01	35.55 3.07 0.00	111.62 2.90 -78.60	57.46 1.96 -35.53	28.47 2.55 0.00	28.70 2.62 -1.50	31.35 2.70 0.00	26.09 2.18 0.00	24.10 1.81 -0.64	34.58 1.75 -12.38	87.22 1.73 -66.28	76.20 1.94 -54.44	22.33 1.97 0.00	66.55 2.27 -43.89	36.63 2.07 -14.86	23.04 2.04 -1.83	22.62 2.01 -0.69	22.54 2.04 0.00	23.50 1.82 -4.28
HOLTSVILLE_IC_4 23693	45.17 2.07 -20.94	23.75 1.82 0.00	23.33 1.85 -0.21	31.13 2.09 -6.03	57.80 2.12 -32.94	25.35 2.25 -0.01	35.55 3.07 0.00	111.62 2.90 -78.60	57.46 1.96 -35.53	28.47 2.55 0.00	28.70 2.62 -1.50	31.35 2.70 0.00	26.09 2.18 0.00	24.10 1.81 -0.64	34.58 1.75 -12.38	87.22 1.73 -66.28	76.20 1.94 -54.44	22.33 1.97 0.00	66.55 2.27 -43.89	36.63 2.07 -14.86	23.04 2.04 -1.83	22.62 2.01 -0.69	22.54 2.04 0.00	23.50 1.82 -4.28
HOLTSVILLE_IC_5 23694	45.17 2.07 -20.94	23.75 1.82 0.00	23.33 1.85 -0.21	31.13 2.09 -6.03	57.80 2.12 -32.94	25.35 2.25 -0.01	35.55 3.07 0.00	111.62 2.90 -78.60	57.46 1.96 -35.53	28.47 2.55 0.00	28.70 2.62 -1.50	31.35 2.70 0.00	26.09 2.18 0.00	24.10 1.81 -0.64	34.58 1.75 -12.38	87.22 1.73 -66.28	76.20 1.94 -54.44	22.33 1.97 0.00	66.55 2.27 -43.89	36.63 2.07 -14.86	23.04 2.04 -1.83	22.62 2.01 -0.69	22.54 2.04 0.00	23.50 1.82 -4.28
HOLTSVILLE_IC_6 23695	45.28 2.18 -20.94	23.86 1.93 0.00	23.43 1.95 -0.21	31.23 2.20 -6.03	57.91 2.23 -32.94	25.48 2.37 -0.01	35.72 3.25 0.00	135.03 3.07 -101.84	68.07 2.07 -46.03	28.62 2.69 0.00	28.84 2.76 -1.50	31.51 2.86 0.00	26.23 2.32 0.00	24.21 1.92 -0.64	34.68 1.85 -12.38	87.32 1.82 -66.28	87.21 2.05 -65.33	22.45 2.10 0.00	79.61 2.37 -56.85	41.12 2.17 -19.26	23.70 2.16 -2.37	22.74 2.12 -0.69	22.65 2.15 0.00	23.59 1.90 -4.29
HOLTSVILLE_IC_7 23696	45.28 2.18 -20.94	23.86 1.93 0.00	23.43 1.95 -0.21	31.23 2.20 -6.03	57.91 2.23 -32.94	25.48 2.37 -0.01	35.72 3.25 0.00	135.03 3.07 -101.84	68.07 2.07 -46.03	28.62 2.69 0.00	28.84 2.76 -1.50	31.51 2.86 0.00	26.23 2.32 0.00	24.21 1.92 -0.64	34.68 1.85 -12.38	87.32 1.82 -66.28	87.21 2.05 -65.33	22.45 2.10 0.00	79.61 2.37 -56.85	41.12 2.17 -19.26	23.70 2.16 -2.37	22.74 2.12 -0.69	22.65 2.15 0.00	23.59 1.90 -4.29
HOLTSVILLE_IC_8 23697	45.28 2.18 -20.94	23.86 1.93 0.00	23.43 1.95 -0.21	31.23 2.20 -6.03	57.91 2.23 -32.94	25.48 2.37 -0.01	35.72 3.25 0.00	135.03 3.07 -101.84	68.07 2.07 -46.03	28.62 2.69 0.00	28.84 2.76 -1.50	31.51 2.86 0.00	26.23 2.32 0.00	24.21 1.92 -0.64	34.68 1.85 -12.38	87.32 1.82 -66.28	87.21 2.05 -65.33	22.45 2.10 0.00	79.61 2.37 -56.85	41.12 2.17 -19.26	23.70 2.16 -2.37	22.74 2.12 -0.69	22.65 2.15 0.00	23.59 1.90 -4.29
HOLTSVILLE_IC_9 23698	45.28 2.18 -20.94	23.86 1.93 0.00	23.43 1.95 -0.21	31.23 2.20 -6.03	57.91 2.23 -32.94	25.48 2.37 -0.01	35.72 3.25 0.00	135.03 3.07 -101.84	68.07 2.07 -46.03	28.62 2.69 0.00	28.84 2.76 -1.50	31.51 2.86 0.00	26.23 2.32 0.00	24.21 1.92 -0.64	34.68 1.85 -12.38	87.32 1.82 -66.28	87.21 2.05 -65.33	22.45 2.10 0.00	79.61 2.37 -56.85	41.12 2.17 -19.26	23.70 2.16 -2.37	22.74 2.12 -0.69	22.65 2.15 0.00	23.59 1.90 -4.29
HOMER_HL_115KV_TB2 355744	21.78 -0.38 0.00	21.57 -0.36 0.00	20.95 -0.33 0.00	22.82 -0.19 0.00	22.36 -0.37 0.00	22.65 -0.45 0.00	31.27 -1.18 0.02	29.44 -0.67 0.00	19.50 -0.47 0.00	25.44 -0.48 0.00	24.18 -0.39 0.00	28.11 -0.54 0.00	23.47 -0.44 0.00	21.18 -0.46 0.00	19.98 -0.47 0.00	18.95 -0.27 0.00	19.87 0.05 0.00	20.51 0.15 0.00	20.35 -0.04 0.00	19.47 -0.23 0.00	18.91 -0.25 0.00	19.60 -0.33 0.00	20.09 -0.40 0.00	17.20 -0.20 0.00
HOWARD_WT_PWR 323690	21.53 -0.91 -0.28	22.33 -0.35 -0.76	21.30 -0.72 -0.75	22.96 -0.64 -0.60	22.84 -0.29 -0.40	22.87 -0.73 -0.49	31.97 -1.05 -0.54	30.28 -0.76 -0.92	19.98 -0.47 -0.48	25.65 -0.51 -0.23	24.07 -0.59 -0.08	27.97 -0.93 -0.25	23.32 -0.73 -0.15	21.04 -0.70 -0.09	19.86 -0.69 -0.10	18.90 -0.49 -0.18	20.21 -0.14 -0.53	20.71 0.14 -0.21	21.22 -0.17 -0.99	19.37 -0.46 -0.13	18.93 -0.57 -0.33	19.18 -1.02 -0.27	20.17 -0.73 -0.41	17.31 -0.51 -0.43
HQ_GEN_CEDARS 23644	21.93 -0.23 0.00	21.83 -0.10 0.00	21.18 -0.09 0.00	22.93 -0.07 0.00	22.59 -0.13 0.00	22.84 -0.26 0.00	32.17 -0.29 0.00	29.70 -0.41 0.00	19.62 -0.36 0.00	25.60 -0.33 0.00	24.31 -0.27 0.00	28.62 -0.04 0.00	23.99 0.08 0.00	21.76 0.11 0.00	20.56 0.11 0.00	19.24 0.02 0.00	19.48 -0.34 0.00	19.81 -0.54 0.00	19.89 -0.51 0.00	19.26 -0.43 0.00	17.49 -0.45 1.23	19.32 -0.36 0.24	20.11 -0.24 0.15	18.81 -0.22 -1.63
HQ_GEN_CEDARS_PROXY 323590	21.93 -0.23 0.00	21.83 -0.10 0.00	21.18 -0.09 0.00	22.93 -0.07 0.00	22.60 -0.13 0.00	22.84 -0.26 0.00	32.18 -0.29 0.00	29.70 -0.41 0.00	19.62 -0.35 0.00	25.60 -0.33 0.00	24.30 -0.27 0.00	28.62 -0.04 0.00	23.99 0.08 0.00	21.76 0.11 0.00	20.56 0.12 0.00	19.25 0.03 0.00	20.17 -0.34 -0.70	19.81 -0.54 0.00	19.89 -0.51 0.00	19.27 -0.43 0.00	17.49 -0.45 1.23	19.32 -0.36 0.24	22.16 -0.24 -1.91	18.81 -0.22 -1.63

HQ_GEN_IMPORT 323601	21.95 -0.21 0.00	21.78 -0.15 0.00	21.13 -0.14 0.00	22.87 -0.14 0.00	22.56 -0.16 0.00	22.84 -0.26 0.00	32.17 -0.30 0.00	29.73 -0.39 0.00	19.68 -0.30 0.00	25.66 -0.27 0.00	24.37 -0.21 0.00	28.65 0.00 0.00	24.02 0.11 0.00	21.77 0.11 0.00	20.56 0.11 0.00	19.25 0.04 0.00	19.63 -0.19 0.00	19.97 -0.38 0.00	20.00 -0.40 0.00	19.39 -0.31 0.00	18.53 -0.32 0.32	19.65 -0.24 0.05	20.16 -0.14 0.20	17.24 -0.15 0.00
HQ_GEN_WHEEL 23651	21.95 -0.21 0.00	21.78 -0.15 0.00	21.13 -0.14 0.00	22.87 -0.14 0.00	22.56 -0.16 0.00	22.84 -0.26 0.00	32.17 -0.30 0.00	29.73 -0.39 0.00	19.68 -0.30 0.00	25.66 -0.27 0.00	24.37 -0.21 0.00	28.65 0.00 0.00	24.02 0.11 0.00	21.77 0.11 0.00	20.56 0.11 0.00	19.25 0.04 0.00	19.63 -0.19 0.00	19.97 -0.38 0.00	20.00 -0.40 0.00	19.39 -0.31 0.00	18.53 -0.32 0.32	19.65 -0.24 0.05	20.16 -0.14 0.20	17.24 -0.15 0.00
HUDSON AVE_GT_3 23810	23.66 1.50 0.00	23.25 1.32 0.00	22.56 1.29 0.00	24.46 1.45 0.00	24.19 1.46 0.00	24.84 1.74 0.00	35.01 2.55 0.00	32.72 2.60 0.00	21.77 1.80 0.00	28.27 2.35 0.00	26.84 2.27 0.00	30.98 2.33 0.00	25.83 1.92 0.00	23.91 1.63 -0.63	32.44 1.47 -10.52	35.10 1.37 -14.51	21.42 1.60 0.00	22.21 1.85 0.00	22.42 2.03 0.00	21.56 1.87 0.00	21.01 1.84 0.00	21.71 1.78 0.00	22.17 1.68 0.00	18.78 1.38 0.00
HUDSON AVE_GT_4 23540	23.66 1.50 0.00	23.25 1.32 0.00	22.56 1.29 0.00	24.46 1.45 0.00	24.19 1.46 0.00	24.84 1.74 0.00	35.01 2.55 0.00	32.72 2.60 0.00	21.77 1.80 0.00	28.27 2.35 0.00	26.84 2.27 0.00	30.98 2.33 0.00	25.83 1.92 0.00	23.91 1.63 -0.63	32.44 1.47 -10.52	35.10 1.37 -14.51	21.42 1.60 0.00	22.21 1.85 0.00	22.42 2.03 0.00	21.56 1.87 0.00	21.01 1.84 0.00	21.71 1.78 0.00	22.17 1.68 0.00	18.78 1.38 0.00
HUDSON AVE_GT_5 23657	23.66 1.50 0.00	23.25 1.32 0.00	22.56 1.29 0.00	24.46 1.45 0.00	24.19 1.46 0.00	24.84 1.74 0.00	35.01 2.55 0.00	32.72 2.60 0.00	21.77 1.80 0.00	28.27 2.35 0.00	26.84 2.27 0.00	30.98 2.33 0.00	25.83 1.92 0.00	23.91 1.63 -0.63	32.44 1.47 -10.52	35.10 1.37 -14.51	21.42 1.60 0.00	22.21 1.85 0.00	22.42 2.03 0.00	21.56 1.87 0.00	21.01 1.84 0.00	21.71 1.78 0.00	22.17 1.68 0.00	18.78 1.38 0.00
HUDSON_AVE_10 24168	23.60 1.44 0.00	23.19 1.26 0.00	22.49 1.22 0.00	24.38 1.38 0.00	24.12 1.39 0.00	24.79 1.69 0.00	34.94 2.48 0.00	32.65 2.53 0.00	21.72 1.75 0.00	28.22 2.29 0.00	26.78 2.21 0.00	30.90 2.25 0.00	25.78 1.88 0.00	23.87 1.59 -0.63	32.39 1.42 -10.52	35.05 1.32 -14.51	21.38 1.56 0.00	22.17 1.82 0.00	22.38 1.99 0.00	21.53 1.83 0.00	20.97 1.80 0.00	21.67 1.74 0.00	22.13 1.64 0.00	18.74 1.34 0.00
HUDSON___115KV_TB 4 355613	23.53 1.37 0.00	23.31 1.37 0.00	22.62 1.35 0.00	24.44 1.43 0.00	24.15 1.42 0.00	24.47 1.37 0.00	34.24 1.78 0.00	31.82 1.71 0.00	21.00 1.03 0.00	27.16 1.24 0.00	25.58 1.01 0.00	29.53 0.88 0.00	24.43 0.52 0.00	22.09 0.44 0.00	20.89 0.44 0.00	19.72 0.50 0.00	20.57 0.74 0.00	21.37 1.01 0.00	21.60 1.21 0.00	20.83 1.14 0.00	20.31 1.15 0.00	21.12 1.19 0.00	21.59 1.09 0.00	18.34 0.93 0.00
HUNTER MOUNT___DRP 323613	23.71 1.55 0.00	23.50 1.57 0.00	22.81 1.53 0.00	24.62 1.61 0.00	24.33 1.60 0.00	24.65 1.55 0.00	34.50 2.03 0.00	32.04 1.92 0.00	21.10 1.13 0.00	27.22 1.30 0.00	25.59 1.02 0.00	29.56 0.91 0.00	24.46 0.55 0.00	22.12 0.47 0.00	20.94 0.49 0.00	19.79 0.58 0.00	20.67 0.85 0.00	21.51 1.15 0.00	21.76 1.37 0.00	20.98 1.28 0.00	20.43 1.27 0.00	21.25 1.32 0.00	21.71 1.21 0.00	18.44 1.04 0.00
HUNTINGTON_RES_REC 323705	45.02 1.94 -20.92	23.64 1.71 0.00	23.19 1.71 -0.21	30.96 1.93 -6.03	57.63 1.96 -32.94	25.18 2.09 0.01	35.27 2.81 0.00	-89.06 2.67 121.84	-33.23 1.86 55.07	28.38 2.45 0.00	28.60 2.52 -1.50	31.27 2.62 0.00	26.03 2.12 0.00	24.05 1.76 -0.64	34.52 1.70 -12.38	87.13 1.63 -66.28	-17.79 1.82 39.43	22.25 1.89 0.00	-45.33 2.17 67.90	-1.37 1.97 23.04	18.28 1.95 2.84	22.53 1.92 -0.68	22.42 1.93 0.00	23.37 1.69 -4.27
HUNTLEY___63 23557	20.51 -1.65 0.00	20.41 -1.52 0.00	19.81 -1.46 0.00	21.53 -1.47 0.00	21.05 -1.68 0.00	21.31 -1.79 0.00	29.14 -3.31 0.02	27.50 -2.62 0.00	18.22 -1.75 0.00	23.64 -2.29 0.00	22.32 -2.26 0.00	25.98 -2.67 0.00	21.76 -2.14 0.00	19.65 -2.00 0.00	18.58 -1.87 0.00	17.71 -1.51 0.00	18.66 -1.16 0.00	19.28 -1.08 0.00	19.07 -1.33 0.00	18.19 -1.51 0.00	17.79 -1.38 0.00	18.32 -1.60 0.00	18.74 -1.75 0.00	16.03 -1.37 0.00
HUNTLEY___64 23558	20.51 -1.65 0.00	20.41 -1.52 0.00	19.81 -1.46 0.00	21.53 -1.47 0.00	21.05 -1.68 0.00	21.31 -1.79 0.00	29.14 -3.31 0.02	27.50 -2.62 0.00	18.22 -1.75 0.00	23.64 -2.29 0.00	22.32 -2.26 0.00	25.98 -2.67 0.00	21.76 -2.14 0.00	19.65 -2.00 0.00	18.58 -1.87 0.00	17.71 -1.51 0.00	18.66 -1.16 0.00	19.28 -1.08 0.00	19.07 -1.33 0.00	18.19 -1.51 0.00	17.79 -1.38 0.00	18.32 -1.60 0.00	18.74 -1.75 0.00	16.03 -1.37 0.00
HUNTLEY___65 23559	20.51 -1.65 0.00	20.41 -1.52 0.00	19.81 -1.46 0.00	21.53 -1.47 0.00	21.05 -1.68 0.00	21.31 -1.79 0.00	29.14 -3.31 0.02	27.50 -2.62 0.00	18.22 -1.75 0.00	23.64 -2.29 0.00	22.32 -2.26 0.00	25.98 -2.67 0.00	21.76 -2.14 0.00	19.65 -2.00 0.00	18.58 -1.87 0.00	17.71 -1.51 0.00	18.66 -1.16 0.00	19.28 -1.08 0.00	19.07 -1.33 0.00	18.19 -1.51 0.00	17.79 -1.38 0.00	18.32 -1.60 0.00	18.74 -1.75 0.00	16.03 -1.37 0.00
HUNTLEY___66 23560	20.51 -1.65 0.00	20.41 -1.52 0.00	19.81 -1.46 0.00	21.53 -1.47 0.00	21.05 -1.68 0.00	21.31 -1.79 0.00	29.14 -3.31 0.02	27.50 -2.62 0.00	18.22 -1.75 0.00	23.64 -2.29 0.00	22.32 -2.26 0.00	25.98 -2.67 0.00	21.76 -2.14 0.00	19.65 -2.00 0.00	18.58 -1.87 0.00	17.71 -1.51 0.00	18.66 -1.16 0.00	19.28 -1.08 0.00	19.07 -1.33 0.00	18.19 -1.51 0.00	17.79 -1.38 0.00	18.32 -1.60 0.00	18.74 -1.75 0.00	16.03 -1.37 0.00
HUNTLEY___67 23561	20.38 -1.78 0.00	20.25 -1.68 0.00	19.63 -1.64 0.00	21.35 -1.65 0.00	20.89 -1.84 0.00	21.14 -1.96 0.00	28.97 -3.48 0.02	27.33 -2.79 0.00	18.13 -1.84 0.00	23.57 -2.35 0.00	22.29 -2.29 0.00	25.96 -2.69 0.00	21.74 -2.17 0.00	19.65 -2.00 0.00	18.55 -1.90 0.00	17.65 -1.56 0.00	18.58 -1.24 0.00	19.22 -1.14 0.00	19.00 -1.39 0.00	18.15 -1.55 0.00	17.72 -1.45 0.00	18.27 -1.66 0.00	18.65 -1.84 0.00	15.95 -1.46 0.00
HUNTLEY___68 23562	20.38 -1.78 0.00	20.25 -1.68 0.00	19.63 -1.64 0.00	21.35 -1.65 0.00	20.89 -1.84 0.00	21.14 -1.96 0.00	28.97 -3.48 0.02	27.33 -2.79 0.00	18.13 -1.84 0.00	23.57 -2.35 0.00	22.29 -2.29 0.00	25.96 -2.69 0.00	21.74 -2.17 0.00	19.65 -2.00 0.00	18.55 -1.90 0.00	17.65 -1.56 0.00	18.58 -1.24 0.00	19.22 -1.14 0.00	19.00 -1.39 0.00	18.15 -1.55 0.00	17.72 -1.45 0.00	18.27 -1.66 0.00	18.65 -1.84 0.00	15.95 -1.46 0.00

HYLAND___LFGE 323620	22.26 -0.01 -0.11	22.39 0.15 -0.31	21.61 0.03 -0.31	23.38 0.13 -0.25	23.12 0.22 -0.17	23.51 0.20 -0.20	32.69 0.16 -0.06	30.66 0.54 0.00	19.99 0.02 0.00	25.16 -0.76 0.00	23.69 -0.88 0.00	27.45 -1.20 0.00	23.04 -0.86 0.00	20.73 -0.92 0.00	19.56 -0.88 0.00	18.76 -0.46 0.00	20.05 0.23 0.00	21.01 0.66 0.00	20.92 0.53 0.00	20.04 0.29 -0.05	19.39 0.22 0.00	19.85 -0.07 0.00	20.45 -0.04 0.00	17.38 -0.02 0.00
INDECK___CORINTH 23802	22.87 0.71 0.00	22.56 0.63 0.00	21.87 0.60 0.00	23.56 0.56 0.00	23.37 0.65 0.00	23.86 0.76 0.00	33.62 1.15 0.00	31.20 1.09 0.00	20.60 0.63 0.00	26.78 0.86 0.00	25.31 0.73 0.00	29.16 0.51 0.00	24.07 0.16 0.00	21.79 0.13 0.00	20.64 0.19 0.00	19.51 0.29 0.00	20.37 0.54 0.00	21.08 0.73 0.00	21.25 0.85 0.00	20.51 0.81 0.00	19.92 0.75 0.00	20.61 0.68 0.00	21.12 0.62 0.00	17.91 0.51 0.00
INDECK___ILION 23567	22.60 0.44 0.00	22.33 0.40 0.00	21.67 0.40 0.00	23.42 0.41 0.00	23.18 0.46 0.00	23.60 0.50 0.00	33.18 0.71 0.00	30.81 0.69 0.00	20.38 0.41 0.00	26.39 0.46 0.00	24.99 0.42 0.00	28.92 0.27 0.00	24.06 0.15 0.00	21.75 0.10 0.00	20.51 0.06 0.00	19.30 0.09 0.00	20.05 0.23 0.00	20.78 0.42 0.00	20.88 0.49 0.00	20.14 0.44 0.00	19.70 0.46 -0.06	20.41 0.46 -0.02	20.95 0.36 -0.09	17.72 0.32 0.00
INDECK___OLEAN 23982	19.96 -0.39 1.81	16.64 -0.37 4.93	16.12 -0.30 4.86	18.92 -0.17 3.91	19.72 -0.35 2.65	19.39 -0.49 3.22	27.62 -1.18 3.67	23.40 -0.67 6.05	16.39 -0.47 3.12	23.94 -0.48 1.50	23.69 -0.38 0.51	26.48 -0.53 1.64	22.49 -0.45 0.97	20.58 -0.48 0.59	19.32 -0.49 0.64	17.74 -0.29 1.18	16.44 0.06 3.44	19.15 0.15 1.35	13.81 -0.09 6.49	18.63 -0.25 0.82	16.74 -0.26 2.17	17.82 -0.34 1.77	17.38 -0.43 2.68	14.39 -0.22 2.80
INDECK___OSWEGO 23783	21.38 -0.78 0.00	21.14 -0.79 0.00	20.48 -0.79 0.00	22.14 -0.87 0.00	21.88 -0.84 0.00	22.31 -0.79 0.00	31.25 -1.23 -0.01	28.97 -1.15 0.00	19.25 -0.72 0.00	24.81 -1.11 0.00	23.47 -1.11 0.00	27.25 -1.40 0.00	22.71 -1.20 0.00	20.60 -1.05 0.00	19.47 -0.98 0.00	18.37 -0.84 0.00	19.14 -0.68 0.00	19.78 -0.58 0.00	19.73 -0.66 0.00	19.00 -0.70 0.00	18.44 -0.69 0.04	19.14 -0.77 0.01	19.59 -0.85 0.05	16.75 -0.65 0.00
INDECK___YERKES 23781	19.14 -1.64 1.39	16.65 -1.51 3.78	16.15 -1.40 3.72	18.58 -1.42 3.00	19.07 -1.63 2.03	18.85 -1.78 2.47	26.37 -3.27 2.84	22.87 -2.58 4.67	15.85 -1.71 2.41	22.51 -2.25 1.16	21.96 -2.22 0.39	24.75 -2.63 1.27	21.05 -2.11 0.75	19.22 -1.98 0.46	18.11 -1.84 0.49	16.80 -1.50 0.91	16.04 -1.13 2.66	18.25 -1.07 1.04	14.04 -1.35 5.01	17.55 -1.52 0.63	16.12 -1.38 1.67	16.97 -1.59 1.37	16.66 -1.76 2.07	13.86 -1.39 2.16
INDIAN POINT_GT_1 24139	23.51 1.34 0.00	23.10 1.17 0.00	22.43 1.16 0.00	24.31 1.31 0.00	24.06 1.33 0.00	24.64 1.54 0.00	34.70 2.24 0.00	32.38 2.26 0.00	21.53 1.55 0.00	27.92 1.99 0.00	26.50 1.92 0.00	30.61 1.96 0.00	25.52 1.61 0.00	23.75 1.35 -0.75	34.24 1.23 -12.56	37.69 1.14 -17.33	21.17 1.35 0.00	21.97 1.61 0.00	22.17 1.77 0.00	21.32 1.63 0.00	20.77 1.61 0.00	21.48 1.55 0.00	21.97 1.48 0.00	18.62 1.22 0.00
INDIAN POINT_GT_2 23659	23.51 1.34 0.00	23.10 1.17 0.00	22.43 1.16 0.00	24.31 1.31 0.00	24.06 1.33 0.00	24.64 1.54 0.00	34.70 2.24 0.00	32.38 2.26 0.00	21.53 1.55 0.00	27.92 1.99 0.00	26.50 1.92 0.00	30.61 1.96 0.00	25.52 1.61 0.00	23.75 1.35 -0.75	34.24 1.23 -12.56	37.69 1.14 -17.33	21.17 1.35 0.00	21.97 1.61 0.00	22.17 1.77 0.00	21.32 1.63 0.00	20.77 1.61 0.00	21.48 1.55 0.00	21.97 1.48 0.00	18.62 1.22 0.00
INDIAN POINT_GT_3 24019	23.51 1.34 0.00	23.10 1.17 0.00	22.43 1.16 0.00	24.31 1.31 0.00	24.06 1.33 0.00	24.64 1.54 0.00	34.70 2.24 0.00	32.38 2.26 0.00	21.53 1.55 0.00	27.92 1.99 0.00	26.50 1.92 0.00	30.61 1.96 0.00	25.52 1.61 0.00	23.75 1.35 -0.75	34.24 1.23 -12.56	37.69 1.14 -17.33	21.17 1.35 0.00	21.97 1.61 0.00	22.17 1.77 0.00	21.32 1.63 0.00	20.77 1.61 0.00	21.48 1.55 0.00	21.97 1.48 0.00	18.62 1.22 0.00
INDIAN POINT___2 23530	23.47 1.31 0.00	23.07 1.14 0.00	22.40 1.13 0.00	24.29 1.28 0.00	24.03 1.31 0.00	24.61 1.51 0.00	34.67 2.20 0.00	32.35 2.23 0.00	21.50 1.53 0.00	27.89 1.97 0.00	26.47 1.89 0.00	30.57 1.92 0.00	25.47 1.57 0.00	23.91 1.32 -0.94	37.36 1.20 -15.72	42.01 1.10 -21.69	21.14 1.32 0.00	21.94 1.59 0.00	22.15 1.75 0.00	21.30 1.60 0.00	20.75 1.58 0.00	21.46 1.53 0.00	21.95 1.46 0.00	18.60 1.20 0.00
INDIAN POINT___3 23531	23.49 1.33 0.00	23.08 1.15 0.00	22.42 1.14 0.00	24.30 1.29 0.00	24.04 1.32 0.00	24.62 1.52 0.00	34.68 2.21 0.00	32.35 2.23 0.00	21.51 1.53 0.00	27.89 1.97 0.00	26.47 1.90 0.00	30.58 1.93 0.00	25.49 1.59 0.00	23.75 1.33 -0.77	34.47 1.21 -12.81	38.01 1.12 -17.68	21.15 1.33 0.00	21.95 1.60 0.00	22.15 1.75 0.00	21.30 1.60 0.00	20.75 1.59 0.00	21.46 1.53 0.00	21.95 1.46 0.00	18.60 1.20 0.00
INGHAM_C_115KV_TB7 356103	22.84 0.68 0.00	22.55 0.62 0.00	21.89 0.62 0.00	23.64 0.64 0.00	23.45 0.72 0.00	23.87 0.77 0.00	33.57 1.10 0.00	31.18 1.06 0.00	20.56 0.59 0.00	26.56 0.63 0.00	25.13 0.55 0.00	28.90 0.25 0.00	23.99 0.08 0.00	21.64 -0.01 0.00	20.34 -0.10 0.00	19.17 -0.04 0.00	20.03 0.21 0.00	20.93 0.57 0.00	21.11 0.72 0.00	20.35 0.65 0.00	19.95 0.72 -0.06	20.68 0.73 -0.02	21.14 0.56 -0.09	17.89 0.49 0.00
IP CORINTH___1 23988	22.99 0.83 0.00	22.69 0.75 0.00	22.00 0.73 0.00	23.69 0.69 0.00	23.50 0.77 0.00	24.00 0.90 0.00	33.80 1.33 0.00	31.37 1.25 0.00	20.72 0.75 0.00	26.93 1.00 0.00	25.44 0.87 0.00	29.31 0.66 0.00	24.21 0.30 0.00	21.91 0.26 0.00	20.75 0.30 0.00	19.61 0.40 0.00	20.47 0.65 0.00	21.20 0.85 0.00	21.36 0.97 0.00	20.62 0.92 0.00	20.02 0.86 0.00	20.72 0.79 0.00	21.22 0.73 0.00	18.00 0.60 0.00
IP___TICONDEROGA 23804	24.22 2.06 0.00	23.85 1.92 0.00	23.08 1.81 0.00	24.71 1.70 0.00	24.56 1.83 0.00	25.13 2.02 0.00	35.57 3.10 0.00	32.90 2.78 0.00	21.64 1.67 0.00	28.02 2.09 0.00	26.44 1.87 0.00	30.04 1.39 0.00	24.73 0.83 0.00	22.47 0.81 0.00	21.50 1.05 0.00	20.46 1.24 0.00	21.47 1.65 0.00	22.30 1.95 0.00	22.49 2.10 0.00	21.82 2.12 0.00	20.90 1.73 0.00	21.55 1.62 0.00	22.19 1.70 0.00	18.90 1.51 0.00
ISLIP_RES_REC 323679	45.39 2.29 -20.94	23.96 2.03 0.00	23.54 2.05 -0.21	31.34 2.30 -6.03	58.01 2.34 -32.94	25.59 2.48 -0.01	35.89 3.42 0.00	125.52 3.24 -92.16	63.80 2.18 -41.66	28.77 2.84 0.00	28.98 2.90 -1.50	31.67 3.02 0.00	26.36 2.45 0.00	24.32 2.03 -0.64	34.78 1.95 -12.38	87.42 1.93 -66.28	82.78 2.17 -60.79	22.58 2.23 0.00	74.35 2.50 -51.45	39.41 2.29 -17.43	23.57 2.26 -2.15	22.84 2.22 -0.69	22.75 2.25 0.00	23.67 1.98 -4.29

JAMAICA__27_KV_LOAD 355505	23.74 1.58 0.00	23.32 1.39 0.00	22.61 1.34 0.00	24.51 1.50 0.00	24.25 1.52 0.00	24.99 1.88 0.00	35.21 2.75 0.00	32.90 2.79 0.00	21.88 1.91 0.00	28.46 2.54 0.00	27.01 2.44 0.00	31.17 2.51 0.00	26.02 2.11 0.00	24.07 1.80 -0.63	32.55 1.58 -10.52	35.20 1.48 -14.51	21.58 1.75 0.00	22.37 2.02 0.00	22.60 2.21 0.00	21.74 2.04 0.00	21.16 1.99 0.00	21.87 1.94 0.00	22.32 1.82 0.00	18.90 1.50 0.00
JANIS__SOLAR 323808	23.28 0.74 -0.37	23.76 0.81 -1.01	22.92 0.65 -1.00	24.54 0.73 -0.80	24.13 0.86 -0.54	24.68 0.91 -0.66	34.55 1.34 -0.75	32.81 1.42 -1.28	21.32 0.68 -0.66	26.62 0.37 -0.32	24.75 0.06 -0.11	28.94 -0.06 -0.35	24.09 -0.03 -0.20	21.76 -0.02 -0.12	20.58 0.00 -0.13	19.63 0.17 -0.25	21.20 0.65 -0.73	21.70 1.06 -0.28	22.72 0.95 -1.37	20.66 0.79 -0.17	20.33 0.71 -0.46	20.92 0.62 -0.37	21.64 0.58 -0.57	18.51 0.52 -0.59
JARVIS____ 23743	22.37 0.20 0.00	22.11 0.18 0.00	21.44 0.17 0.00	23.19 0.18 0.00	22.92 0.19 0.00	23.33 0.22 0.00	32.78 0.31 0.00	30.42 0.30 0.00	20.17 0.20 0.00	26.16 0.23 0.00	24.78 0.21 0.00	28.81 0.16 0.00	24.00 0.10 0.00	21.74 0.09 0.00	20.52 0.08 0.00	19.30 0.08 0.00	19.97 0.15 0.00	20.57 0.22 0.00	20.63 0.24 0.00	19.91 0.20 0.00	19.44 0.21 -0.06	20.13 0.18 -0.02	20.73 0.15 -0.09	17.54 0.14 0.00
JENNISON____1 23625	22.96 0.79 0.00	23.00 1.07 0.00	21.96 0.69 0.00	23.78 0.78 0.00	23.77 1.05 0.00	23.96 0.85 0.00	33.76 1.29 0.00	31.31 1.19 0.00	20.70 0.73 0.00	26.73 0.80 0.00	25.22 0.65 0.00	29.32 0.67 0.00	24.52 0.61 0.00	22.16 0.51 0.00	20.94 0.49 0.00	19.80 0.59 0.00	20.75 0.92 0.00	21.46 1.11 0.00	21.25 0.85 0.00	20.35 0.66 0.00	19.79 0.62 0.00	20.53 0.60 0.00	21.15 0.66 0.00	18.08 0.68 0.00
JENNISON____2 23626	22.96 0.79 0.00	23.00 1.07 0.00	21.96 0.69 0.00	23.78 0.78 0.00	23.77 1.05 0.00	23.96 0.85 0.00	33.76 1.29 0.00	31.31 1.19 0.00	20.70 0.73 0.00	26.73 0.80 0.00	25.22 0.65 0.00	29.32 0.67 0.00	24.52 0.61 0.00	22.16 0.51 0.00	20.94 0.49 0.00	19.80 0.59 0.00	20.75 0.92 0.00	21.46 1.11 0.00	21.25 0.85 0.00	20.35 0.66 0.00	19.79 0.62 0.00	20.53 0.60 0.00	21.15 0.66 0.00	18.08 0.68 0.00
JERICOHO_RISE_WT_PWR 323719	21.96 -0.20 0.00	21.89 -0.04 0.00	21.08 -0.20 0.00	22.83 -0.18 0.00	22.52 -0.20 0.00	22.91 -0.19 0.00	32.22 -0.24 0.00	29.67 -0.45 0.00	19.55 -0.42 0.00	25.58 -0.34 0.00	24.33 -0.24 0.00	28.76 0.11 0.00	24.25 0.34 0.00	22.08 0.43 0.00	20.82 0.37 0.00	19.41 0.20 0.00	19.50 -0.33 0.00	20.03 -0.33 0.00	19.95 -0.44 0.00	18.98 -0.72 0.00	17.01 -0.89 1.27	14.73 -0.97 4.23	-20.02 -0.85 39.66	-23.80 -0.75 40.45
KATONAH__115KV_46KV_TB4 355592	23.67 1.50 0.00	23.28 1.35 0.00	22.60 1.33 0.00	24.49 1.49 0.00	24.23 1.50 0.00	24.82 1.72 0.00	34.98 2.51 0.00	32.63 2.52 0.00	21.69 1.71 0.00	28.12 2.20 0.00	26.68 2.11 0.00	30.81 2.16 0.00	25.70 1.79 0.00	23.54 1.52 -0.37	27.95 1.38 -6.12	28.95 1.28 -8.45	21.33 1.51 0.00	22.13 1.78 0.00	22.33 1.94 0.00	21.48 1.78 0.00	20.92 1.75 0.00	21.62 1.69 0.00	22.10 1.61 0.00	18.72 1.32 0.00
KCE_NY_1 323755	23.32 1.16 0.00	23.03 1.10 0.00	22.36 1.08 0.00	24.12 1.12 0.00	23.87 1.15 0.00	24.34 1.24 0.00	34.25 1.78 0.00	31.80 1.68 0.00	21.01 1.03 0.00	27.25 1.33 0.00	25.74 1.16 0.00	29.78 1.13 0.00	24.66 0.75 0.00	22.31 0.66 0.00	21.14 0.70 0.00	19.99 0.77 0.00	20.78 0.96 0.00	21.51 1.15 0.00	21.63 1.23 0.00	20.85 1.15 0.00	20.32 1.15 0.00	21.07 1.14 0.00	21.58 1.09 0.00	18.29 0.89 0.00
KCE_NY_6_ESR 323823	19.18 -1.42 1.56	16.34 -1.33 4.27	15.80 -1.27 4.20	18.35 -1.27 3.39	18.97 -1.46 2.29	18.73 -1.58 2.79	26.37 -2.91 3.19	22.63 -2.24 5.25	15.78 -1.48 2.71	22.74 -1.88 1.31	22.29 -1.84 0.44	25.05 -2.17 1.42	21.31 -1.76 0.84	19.51 -1.63 0.51	18.33 -1.55 0.56	16.94 -1.25 1.03	15.94 -0.88 2.99	18.40 -0.78 1.17	13.67 -1.08 5.64	17.77 -1.22 0.71	16.13 -1.15 1.88	17.03 -1.36 1.54	16.61 -1.55 2.33	13.74 -1.23 2.43
KEDC_PORT_JEFF_GT2 24210	45.25 2.15 -20.94	23.83 1.90 0.00	23.40 1.92 -0.21	31.20 2.16 -6.03	57.87 2.20 -32.94	25.44 2.33 -0.01	35.67 3.19 0.00	153.21 3.01 -120.08	76.29 2.04 -54.28	28.58 2.66 0.00	28.81 2.73 -1.50	31.48 2.83 0.00	26.20 2.29 0.00	24.18 1.90 -0.64	34.66 1.83 -12.38	87.29 1.80 -66.28	95.69 2.00 -73.87	22.36 2.00 0.00	89.71 2.30 -67.02	44.50 2.09 -22.71	24.03 2.07 -2.80	22.65 2.04 -0.69	22.62 2.12 0.00	23.57 1.88 -4.29
KEDC_PORT_JEFF_GT3 24211	45.25 2.15 -20.94	23.83 1.90 0.00	23.40 1.92 -0.21	31.20 2.16 -6.03	57.87 2.20 -32.94	25.44 2.33 -0.01	35.67 3.19 0.00	153.21 3.01 -120.08	76.29 2.04 -54.28	28.58 2.66 0.00	28.81 2.73 -1.50	31.48 2.83 0.00	26.20 2.29 0.00	24.18 1.90 -0.64	34.66 1.83 -12.38	87.29 1.80 -66.28	95.69 2.00 -73.87	22.36 2.00 0.00	89.71 2.30 -67.02	44.50 2.09 -22.71	24.03 2.07 -2.80	22.65 2.04 -0.69	22.62 2.12 0.00	23.57 1.88 -4.29
KEDC_GLWD_GT4 24219	45.02 1.93 -20.93	23.64 1.71 0.00	23.19 1.70 -0.21	30.95 1.90 -6.03	57.58 1.92 -32.94	25.20 2.09 0.00	35.41 2.94 0.00	32.98 2.86 0.00	21.94 1.97 0.00	28.51 2.59 0.00	28.67 2.59 -1.50	31.38 2.73 0.00	26.13 2.23 0.00	24.16 1.88 -0.64	34.61 1.78 -12.38	87.12 1.62 -66.28	39.26 1.81 -17.63	22.30 1.95 0.00	22.53 2.08 -0.05	21.60 1.91 0.00	21.07 1.90 0.00	22.63 2.01 -0.69	22.46 1.97 0.00	23.35 1.67 -4.28
KEDC_GLWD_GT5 24220	45.02 1.93 -20.93	23.64 1.71 0.00	23.19 1.70 -0.21	30.95 1.90 -6.03	57.58 1.92 -32.94	25.20 2.09 0.00	35.41 2.94 0.00	32.98 2.86 0.00	21.94 1.97 0.00	28.51 2.59 0.00	28.67 2.59 -1.50	31.38 2.73 0.00	26.13 2.23 0.00	24.16 1.88 -0.64	34.61 1.78 -12.38	87.12 1.62 -66.28	39.26 1.81 -17.63	22.30 1.95 0.00	22.53 2.08 -0.05	21.60 1.91 0.00	21.07 1.90 0.00	22.63 2.01 -0.69	22.46 1.97 0.00	23.35 1.67 -4.28
KENSICO____ 23655	23.56 1.40 0.00	23.16 1.23 0.00	22.48 1.21 0.00	24.37 1.37 0.00	24.11 1.38 0.00	24.70 1.60 0.00	34.78 2.32 0.00	32.45 2.34 0.00	21.58 1.61 0.00	28.00 2.08 0.00	26.58 2.00 0.00	30.69 2.04 0.00	25.59 1.69 0.00	23.76 1.43 -0.68	33.05 1.29 -11.31	36.02 1.21 -15.60	21.24 1.42 0.00	22.02 1.67 0.00	22.23 1.83 0.00	21.38 1.68 0.00	20.82 1.65 0.00	21.54 1.61 0.00	22.02 1.53 0.00	18.66 1.26 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.70 1.54 0.00	23.29 1.35 0.00	22.60 1.33 0.00	24.49 1.49 0.00	24.25 1.52 0.00	24.88 1.78 0.00	35.11 2.65 0.00	32.81 2.69 0.00	21.73 1.76 0.00	28.06 2.13 0.00	26.61 2.03 0.00	30.58 1.93 0.00	25.30 1.40 0.00	22.73 1.19 0.11	19.53 0.97 1.89	17.55 0.93 2.60	21.06 1.24 0.00	21.99 1.64 0.00	22.23 1.83 0.00	21.41 1.72 0.00	20.98 1.82 0.00	21.67 1.74 0.00	22.15 1.65 0.00	18.73 1.33 0.00

23816	23.66 1.50 0.00	23.24 1.31 0.00	22.54 1.27 0.00	24.42 1.42 0.00	24.16 1.44 0.00	24.89 1.79 0.00	35.08 2.62 0.00	32.78 2.66 0.00	21.80 1.83 0.00	28.36 2.43 0.00	26.92 2.34 0.00	31.05 2.40 0.00	25.93 2.02 0.00	24.00 1.71 -0.63	32.48 1.51 -10.52	35.14 1.41 -14.51	21.50 1.68 0.00	22.29 1.94 0.00	22.51 2.12 0.00	21.65 1.96 0.00	21.08 1.92 0.00	21.79 1.86 0.00	22.24 1.75 0.00	18.83 1.44 0.00
23817	23.66 1.50 0.00	23.24 1.31 0.00	22.54 1.27 0.00	24.42 1.42 0.00	24.16 1.44 0.00	24.89 1.79 0.00	35.08 2.62 0.00	32.78 2.66 0.00	21.80 1.83 0.00	28.36 2.43 0.00	26.92 2.34 0.00	31.05 2.40 0.00	25.93 2.02 0.00	24.00 1.71 -0.63	32.48 1.51 -10.52	35.14 1.41 -14.51	21.50 1.68 0.00	22.29 1.94 0.00	22.51 2.12 0.00	21.65 1.96 0.00	21.08 1.92 0.00	21.79 1.86 0.00	22.24 1.75 0.00	18.83 1.44 0.00
323774	23.66 1.50 0.00	23.24 1.31 0.00	22.54 1.27 0.00	24.42 1.42 0.00	24.17 1.44 0.00	24.89 1.79 0.00	35.08 2.61 0.00	32.78 2.66 0.00	21.80 1.83 0.00	28.36 2.44 0.00	26.93 2.35 0.00	31.05 2.40 0.00	25.92 2.01 0.00	24.00 1.71 -0.63	32.48 1.51 -10.52	35.14 1.41 -14.51	21.50 1.68 0.00	22.29 1.94 0.00	22.52 2.13 0.00	21.67 1.97 0.00	21.09 1.92 0.00	21.79 1.86 0.00	22.24 1.75 0.00	18.83 1.44 0.00
23543	20.36 -1.80 0.00	20.19 -1.74 0.00	19.59 -1.68 0.00	21.29 -1.71 0.00	20.87 -1.86 0.00	21.13 -1.98 0.00	29.11 -3.34 0.02	27.39 -2.73 0.00	18.16 -1.81 0.00	23.58 -2.35 0.00	22.32 -2.25 0.00	25.98 -2.67 0.00	21.73 -2.18 0.00	19.65 -2.00 0.00	18.55 -1.90 0.00	17.64 -1.58 0.00	18.52 -1.30 0.00	19.16 -1.19 0.00	18.95 -1.45 0.00	18.10 -1.60 0.00	17.71 -1.46 0.00	18.31 -1.62 0.00	18.71 -1.78 0.00	15.98 -1.43 0.00
80397	22.26 0.10 0.00	22.20 0.27 0.00	21.36 0.08 0.00	23.11 0.10 0.00	22.87 0.15 0.00	23.30 0.20 0.00	32.77 0.30 0.00	30.21 0.09 0.00	19.90 -0.07 0.00	26.02 0.10 0.00	24.75 0.17 0.00	29.13 0.48 0.00	24.54 0.63 0.00	22.38 0.72 0.00	21.08 0.64 0.00	19.73 0.51 0.00	19.73 -0.09 0.00	20.42 0.06 0.00	20.38 -0.01 0.00	19.34 -0.36 0.00	17.31 -0.58 1.28	15.24 -0.65 4.04	-17.81 -0.57 37.73	-21.48 -0.51 38.37
323717	24.22 2.06 0.00	23.85 1.92 0.00	23.08 1.81 0.00	24.71 1.70 0.00	24.56 1.83 0.00	25.13 2.02 0.00	35.57 3.10 0.00	32.90 2.78 0.00	21.64 1.67 0.00	28.02 2.09 0.00	26.44 1.87 0.00	30.04 1.39 0.00	24.73 0.83 0.00	22.47 0.81 0.00	21.49 1.05 0.00	20.46 1.24 0.00	21.47 1.65 0.00	22.30 1.94 0.00	22.49 2.10 0.00	21.82 2.12 0.00	20.90 1.73 0.00	21.55 1.62 0.00	22.19 1.70 0.00	18.91 1.51 0.00
80681	21.76 -0.40 0.00	21.64 -0.29 0.00	20.99 -0.28 0.00	22.73 -0.27 0.00	22.36 -0.37 0.00	22.58 -0.52 0.00	31.84 -0.63 0.00	29.39 -0.73 0.00	19.35 -0.63 0.00	25.19 -0.74 0.00	23.90 -0.68 0.00	28.12 -0.52 0.00	23.58 -0.33 0.00	21.42 -0.23 0.00	20.24 -0.21 0.00	18.93 -0.28 0.00	19.15 -0.67 0.00	19.55 -0.80 0.00	19.62 -0.77 0.00	18.97 -0.73 1.08	17.32 -0.76 1.08	19.32 -0.70 -0.10	22.89 -0.54 -2.94	21.65 -0.46 -4.70
23769	23.57 1.41 0.00	23.15 1.22 0.00	22.49 1.22 0.00	24.39 1.38 0.00	24.14 1.41 0.00	24.73 1.62 0.00	34.84 2.37 0.00	32.51 2.39 0.00	21.61 1.64 0.00	28.02 2.10 0.00	26.59 2.02 0.00	30.72 2.07 0.00	25.59 1.68 0.00	22.26 1.42 0.81	8.23 1.29 13.51	1.80 1.22 18.64	21.27 1.45 0.00	22.10 1.74 0.00	22.27 1.87 0.00	21.41 1.71 0.00	20.86 1.69 0.00	21.56 1.63 0.00	22.05 1.56 0.00	18.67 1.27 0.00
355974	21.62 -0.54 0.00	21.33 -0.60 0.00	20.64 -0.63 0.00	22.34 -0.66 0.00	22.09 -0.63 0.00	22.62 -0.48 0.00	31.70 -0.77 0.00	29.45 -0.66 0.00	19.40 -0.58 0.00	24.90 -1.03 0.00	23.52 -1.06 0.00	27.29 -1.36 0.00	22.67 -1.23 0.00	20.63 -1.02 0.00	19.49 -0.95 0.00	18.41 -0.80 0.00	19.23 -0.59 0.00	20.00 -0.35 0.00	19.95 -0.45 0.00	19.15 -0.54 0.00	18.48 -0.59 0.10	19.25 -0.65 0.03	19.60 -0.76 0.13	16.79 -0.61 0.00
23786	23.49 1.33 0.00	23.08 1.15 0.00	22.39 1.12 0.00	24.29 1.28 0.00	24.02 1.30 0.00	24.67 1.57 0.00	34.77 2.30 0.00	32.49 2.37 0.00	21.61 1.64 0.00	28.05 2.12 0.00	26.62 2.05 0.00	30.73 2.08 0.00	25.62 1.71 0.00	23.72 1.44 -0.63	32.26 1.29 -10.52	34.93 1.20 -14.51	21.26 1.43 0.00	22.05 1.70 0.00	22.28 1.88 0.00	21.42 1.72 0.00	20.88 1.71 0.00	21.56 1.63 0.00	22.03 1.54 0.00	18.66 1.26 0.00
356055	45.21 2.12 -20.93	23.81 1.88 0.00	23.37 1.89 -0.21	31.15 2.11 -6.03	57.79 2.12 -32.94	25.38 2.28 0.00	35.64 3.17 0.00	40.32 3.04 -7.17	25.28 2.07 -3.24	28.61 2.68 0.00	28.82 2.74 -1.50	31.52 2.87 0.00	26.24 2.33 0.00	24.25 1.96 -0.64	34.73 1.91 -12.38	87.33 1.84 -66.28	42.84 2.03 -20.99	22.52 2.16 0.00	26.86 2.42 -4.05	23.27 2.22 -1.36	21.51 2.18 -0.17	22.77 2.15 -0.69	22.62 2.13 0.00	23.52 1.84 -4.28
23656	45.24 2.14 -20.94	23.82 1.89 0.00	23.40 1.91 -0.21	31.20 2.16 -6.03	57.87 2.20 -32.94	25.42 2.31 -0.01	35.63 3.15 0.00	116.31 2.96 -83.23	59.57 1.98 -37.62	28.50 2.58 0.00	28.75 2.67 -1.50	31.40 2.75 0.00	26.14 2.23 0.00	24.13 1.84 -0.64	34.59 1.77 -12.38	87.26 1.76 -66.28	78.41 1.98 -56.61	22.35 1.99 0.00	69.18 2.32 -46.47	37.56 2.12 -15.74	23.20 2.09 -1.94	22.66 2.05 -0.69	22.58 2.08 0.00	23.56 1.88 -4.28
323691	45.29 2.19 -20.94	23.86 1.93 0.00	23.44 1.96 -0.21	31.24 2.20 -6.03	57.92 2.25 -32.94	25.48 2.37 -0.01	35.70 3.22 0.00	120.59 3.02 -87.45	61.50 2.00 -39.53	28.55 2.62 0.00	28.78 2.71 -1.50	31.45 2.80 0.00	26.16 2.25 0.00	24.15 1.86 -0.64	34.60 1.78 -12.38	87.29 1.80 -66.28	80.43 2.02 -58.59	22.40 2.04 0.00	71.59 2.37 -48.82	38.41 2.18 -16.54	23.34 2.14 -2.04	22.72 2.10 -0.69	22.63 2.13 0.00	23.60 1.92 -4.28
24013	22.84 0.68 0.00	22.55 0.62 0.00	21.89 0.62 0.00	23.64 0.64 0.00	23.45 0.72 0.00	23.87 0.77 0.00	33.57 1.10 0.00	31.18 1.06 0.00	20.56 0.59 0.00	26.56 0.63 0.00	25.13 0.55 0.00	28.90 0.25 0.00	23.99 0.08 0.00	21.64 -0.01 0.00	20.34 -0.10 0.00	19.17 -0.04 0.00	20.03 0.21 0.00	20.93 0.57 0.00	21.11 0.72 0.00	20.35 0.65 0.00	19.95 0.72 -0.06	20.68 0.73 -0.02	21.14 0.56 -0.09	17.89 0.49 0.00
356100	22.03 -0.13 0.00	21.93 0.00 0.00	21.27 0.00 0.00	23.03 0.02 0.00	22.68 -0.04 0.00	22.91 -0.19 0.00	32.33 -0.14 0.00	29.86 -0.26 0.00	19.61 -0.36 0.00	25.47 -0.45 0.00	24.13 -0.44 0.00	28.39 -0.26 0.00	23.79 -0.11 0.00	21.64 -0.01 0.00	20.46 0.01 0.00	19.14 -0.08 0.00	19.33 -0.49 0.00	19.80 -0.55 0.00	19.92 -0.47 0.00	19.26 -0.44 0.00	17.62 -0.49 1.06	19.67 -0.42 -0.15	23.68 -0.25 -3.44	22.37 -0.23 -5.21

LI_NEWBRDGE___DRP 323616	44.79 1.70 -20.93	23.42 1.48 0.00	22.98 1.49 -0.21	30.72 1.68 -6.03	57.37 1.70 -32.94	24.96 1.86 0.00	35.05 2.58 0.00	32.62 2.50 0.00	21.71 1.74 0.00	28.20 2.28 0.00	28.38 2.30 -1.50	31.03 2.38 0.00	25.85 1.95 0.00	23.92 1.63 -0.64	34.38 1.56 -12.38	86.97 1.47 -66.28	39.11 1.65 -17.63	22.14 1.79 0.00	22.44 2.00 -0.05	21.53 1.83 0.00	20.98 1.81 0.00	22.40 1.79 -0.69	22.24 1.75 0.00	23.18 1.50 -4.28
LOCKPORT_115KV_TB60_63_64 80432	20.32 -1.85 0.00	20.27 -1.66 0.00	19.66 -1.61 0.00	21.37 -1.64 0.00	20.84 -1.88 0.00	21.13 -1.97 0.00	28.83 -3.61 0.02	27.18 -2.94 0.00	18.03 -1.95 0.00	23.36 -2.56 0.00	22.06 -2.51 0.00	25.69 -2.96 0.00	21.55 -2.36 0.00	19.45 -2.20 0.00	18.36 -2.09 0.00	17.51 -1.70 0.00	18.46 -1.36 0.00	19.10 -1.25 0.00	18.89 -1.50 0.00	18.04 -1.66 0.00	17.62 -1.54 0.00	18.16 -1.77 0.00	18.56 -1.93 0.00	15.91 -1.49 0.00
LOCKPORT___CC1 323769	19.02 -1.88 1.26	16.79 -1.71 3.44	16.28 -1.61 3.39	18.62 -1.65 2.73	18.98 -1.89 1.85	18.83 -2.03 2.25	26.24 -3.65 2.58	22.91 -2.95 4.25	15.83 -1.95 2.19	22.30 -2.56 1.06	21.72 -2.50 0.36	24.55 -2.95 1.15	20.88 -2.35 0.68	19.04 -2.20 0.42	17.92 -2.08 0.45	16.67 -1.72 0.83	16.04 -1.35 2.42	18.13 -1.28 0.95	14.27 -1.55 4.57	17.42 -1.71 0.57	16.07 -1.57 1.53	16.90 -1.78 1.25	16.63 -1.97 1.89	13.89 -1.54 1.97
LOCKPORT___CC2 323770	19.02 -1.88 1.26	16.79 -1.71 3.44	16.28 -1.61 3.39	18.62 -1.65 2.73	18.98 -1.89 1.85	18.83 -2.03 2.25	26.24 -3.65 2.58	22.91 -2.95 4.25	15.83 -1.95 2.19	22.30 -2.56 1.06	21.72 -2.50 0.36	24.55 -2.95 1.15	20.88 -2.35 0.68	19.04 -2.20 0.42	17.92 -2.08 0.45	16.67 -1.72 0.83	16.04 -1.35 2.42	18.13 -1.28 0.95	14.27 -1.55 4.57	17.42 -1.71 0.57	16.07 -1.57 1.53	16.90 -1.78 1.25	16.63 -1.97 1.89	13.89 -1.54 1.97
LOCKPORT___CC3 323771	19.02 -1.88 1.26	16.79 -1.71 3.44	16.28 -1.61 3.39	18.62 -1.65 2.73	18.98 -1.89 1.85	18.83 -2.03 2.25	26.24 -3.65 2.58	22.91 -2.95 4.25	15.83 -1.95 2.19	22.30 -2.56 1.06	21.72 -2.50 0.36	24.55 -2.95 1.15	20.88 -2.35 0.68	19.04 -2.20 0.42	17.92 -2.08 0.45	16.67 -1.72 0.83	16.04 -1.35 2.42	18.13 -1.28 0.95	14.27 -1.55 4.57	17.42 -1.71 0.57	16.07 -1.57 1.53	16.90 -1.78 1.25	16.63 -1.97 1.89	13.89 -1.54 1.97
LONG_LAKE_PHOENIX 24014	21.46 -0.70 0.00	21.22 -0.72 0.00	20.56 -0.72 0.00	22.22 -0.78 0.00	21.96 -0.76 0.00	22.38 -0.72 0.00	31.37 -1.10 0.00	29.16 -0.96 0.00	19.36 -0.61 0.00	24.94 -0.99 0.00	23.58 -1.00 0.00	27.37 -1.28 0.00	22.82 -1.09 0.00	20.68 -0.90 0.00	19.55 -0.90 0.00	18.46 -0.75 0.00	19.26 -0.56 0.00	19.91 -0.45 0.00	19.86 -0.53 0.00	19.13 -0.57 0.00	18.59 -0.58 0.00	19.27 -0.67 0.00	19.74 -0.76 0.00	16.83 -0.58 0.00
LOVETT___3 23632	23.46 1.30 0.00	23.06 1.13 0.00	22.40 1.12 0.00	24.28 1.28 0.00	24.03 1.31 0.00	24.61 1.51 0.00	34.67 2.21 0.00	32.35 2.23 0.00	21.50 1.53 0.00	27.87 1.95 0.00	26.45 1.87 0.00	30.55 1.91 0.00	25.46 1.55 0.00	22.12 1.31 0.84	7.58 1.18 14.04	0.97 1.12 19.37	21.18 1.36 0.00	21.99 1.64 0.00	22.14 1.75 0.00	21.29 1.59 0.00	20.74 1.57 0.00	21.45 1.52 0.00	21.94 1.45 0.00	18.59 1.19 0.00
LOVETT___4 23642	23.46 1.30 0.00	23.06 1.13 0.00	22.40 1.12 0.00	24.28 1.28 0.00	24.03 1.31 0.00	24.61 1.51 0.00	34.67 2.21 0.00	32.35 2.23 0.00	21.50 1.53 0.00	27.87 1.95 0.00	26.45 1.87 0.00	30.55 1.91 0.00	25.46 1.55 0.00	22.12 1.31 0.84	7.58 1.18 14.04	0.97 1.12 19.37	21.18 1.36 0.00	21.99 1.64 0.00	22.14 1.75 0.00	21.29 1.59 0.00	20.74 1.57 0.00	21.45 1.52 0.00	21.94 1.45 0.00	18.59 1.19 0.00
LOVETT___5 23593	23.46 1.30 0.00	23.06 1.13 0.00	22.40 1.12 0.00	24.28 1.28 0.00	24.03 1.31 0.00	24.61 1.51 0.00	34.67 2.21 0.00	32.35 2.23 0.00	21.50 1.53 0.00	27.87 1.95 0.00	26.45 1.87 0.00	30.55 1.91 0.00	25.46 1.55 0.00	22.12 1.31 0.84	7.58 1.18 14.04	0.97 1.12 19.37	21.18 1.36 0.00	21.99 1.64 0.00	22.14 1.75 0.00	21.29 1.59 0.00	20.74 1.57 0.00	21.45 1.52 0.00	21.94 1.45 0.00	18.59 1.19 0.00
LOWER RAQUET___HYD 24057	21.70 -0.46 0.00	21.59 -0.34 0.00	20.93 -0.34 0.00	22.66 -0.34 0.00	22.29 -0.44 0.00	22.50 -0.60 0.00	31.73 -0.74 0.00	29.28 -0.83 0.00	19.26 -0.71 0.00	25.06 -0.87 0.00	23.76 -0.81 0.00	27.97 -0.68 0.00	23.45 -0.46 0.00	21.31 -0.34 0.00	20.14 -0.31 0.00	18.84 -0.38 0.00	19.04 -0.78 0.00	19.47 -0.88 0.00	19.54 -0.85 0.00	18.88 -0.82 0.00	17.27 -0.86 1.04	19.33 -0.81 -0.20	23.77 -0.64 -3.92	22.55 -0.53 -5.68
LOWER___HUDSON 24059	23.24 1.08 0.00	22.96 1.03 0.00	22.29 1.02 0.00	24.08 1.07 0.00	23.81 1.09 0.00	24.21 1.11 0.00	33.96 1.49 0.00	31.56 1.45 0.00	20.94 0.97 0.00	27.19 1.26 0.00	25.72 1.15 0.00	29.71 1.06 0.00	24.67 0.77 0.00	22.32 0.67 0.00	21.17 0.73 0.00	19.93 0.72 0.00	20.67 0.84 0.00	21.32 0.96 0.00	21.47 1.07 0.00	20.66 0.96 0.00	20.24 1.07 0.00	21.00 1.07 0.00	21.51 1.02 0.00	18.25 0.86 0.00
LOWVILLE_115KV_TB2 356335	22.15 -0.01 0.00	21.77 -0.16 0.00	21.09 -0.19 0.00	22.92 -0.09 0.00	22.61 -0.11 0.00	23.25 0.14 0.00	32.68 0.21 0.00	30.29 0.17 0.00	19.70 -0.27 0.00	25.23 -0.70 0.00	23.76 -0.81 0.00	27.63 -1.03 0.00	22.95 -0.96 0.00	20.96 -0.69 0.00	19.88 -0.57 0.00	18.73 -0.48 0.00	19.43 -0.38 0.00	20.31 -0.05 0.00	20.24 -0.15 0.00	19.37 -0.34 0.00	18.43 -0.48 0.25	19.44 -0.57 -0.07	21.05 -0.62 -1.18	18.46 -0.57 -1.63
LUTHERFT_115KV_GLOB_FND_222 355753	23.32 1.16 0.00	23.03 1.10 0.00	22.35 1.07 0.00	24.12 1.11 0.00	23.88 1.15 0.00	24.35 1.25 0.00	34.22 1.76 0.00	31.78 1.67 0.00	21.02 1.04 0.00	27.24 1.32 0.00	25.75 1.17 0.00	29.78 1.13 0.00	24.67 0.76 0.00	22.32 0.67 0.00	21.14 0.70 0.00	19.96 0.75 0.00	20.77 0.94 0.00	21.49 1.13 0.00	21.62 1.23 0.00	20.84 1.14 0.00	20.31 1.15 0.00	21.05 1.12 0.00	21.56 1.07 0.00	18.29 0.89 0.00
LUTHERNY_35_KV_BK2 355980	23.32 1.16 0.00	23.03 1.10 0.00	22.36 1.08 0.00	24.12 1.12 0.00	23.87 1.15 0.00	24.34 1.24 0.00	34.25 1.78 0.00	31.80 1.69 0.00	21.01 1.03 0.00	27.25 1.33 0.00	25.74 1.16 0.00	29.78 1.13 0.00	24.66 0.76 0.00	22.31 0.66 0.00	21.14 0.70 0.00	19.99 0.77 0.00	20.78 0.96 0.00	21.51 1.16 0.00	21.63 1.23 0.00	20.85 1.16 0.00	20.32 1.15 0.00	21.07 1.14 0.00	21.58 1.08 0.00	18.29 0.89 0.00
LWR___OSWEGATCHIE_HYD 23850	21.81 -0.35 0.00	21.57 -0.37 0.00	20.89 -0.38 0.00	22.66 -0.35 0.00	22.33 -0.40 0.00	22.76 -0.34 0.00	32.04 -0.42 0.00	29.64 -0.48 0.00	19.37 -0.60 0.00	24.98 -0.94 0.00	23.61 -0.96 0.00	27.61 -1.04 0.00	23.03 -0.88 0.00	20.99 -0.66 0.00	19.86 -0.59 0.00	18.65 -0.57 0.00	19.13 -0.69 0.00	19.81 -0.55 0.00	19.81 -0.59 0.00	19.03 -0.66 0.00	17.72 -0.76 0.69	19.30 -0.78 -0.14	22.45 -0.73 -2.68	20.63 -0.63 -3.86

LYONS_FALL_HYD 23570	22.42 0.26 0.00	22.08 0.15 0.00	21.39 0.12 0.00	23.21 0.20 0.00	22.92 0.19 0.00	23.49 0.39 0.00	33.03 0.57 0.00	30.66 0.54 0.00	20.08 0.10 0.00	25.79 -0.14 0.00	24.33 -0.24 0.00	28.28 -0.38 0.00	23.50 -0.40 0.00	21.39 -0.26 0.00	20.24 -0.20 0.00	19.09 -0.12 0.00	19.82 -0.01 0.00	20.62 0.27 0.00	20.61 0.22 0.00	19.77 0.07 0.00	18.99 -0.03 0.14	19.89 -0.10 -0.06	21.16 -0.16 -0.82	18.32 -0.16 -1.08
MADISON___COUNTY_LFGE 323628	22.72 0.56 0.00	22.44 0.51 0.00	21.75 0.48 0.00	23.53 0.53 0.00	23.27 0.55 0.00	23.75 0.65 0.00	33.42 0.95 0.00	31.11 0.99 0.00	20.51 0.54 0.00	26.34 0.42 0.00	24.89 0.31 0.00	28.91 0.26 0.00	24.05 0.14 0.00	21.79 0.14 0.00	20.58 0.13 0.00	19.44 0.23 0.00	20.24 0.42 0.00	21.04 0.68 0.00	21.09 0.69 0.00	20.29 0.60 0.00	19.71 0.54 0.00	20.41 0.48 0.00	20.89 0.40 0.00	17.73 0.33 0.00
MALONE___115KV_TB1 356076	22.28 0.12 0.00	22.21 0.28 0.00	21.43 0.16 0.00	23.20 0.20 0.00	22.88 0.16 0.00	23.26 0.15 0.00	32.73 0.26 0.00	30.20 0.08 0.00	19.89 -0.08 0.00	25.94 0.01 0.00	24.61 0.03 0.00	29.04 0.39 0.00	24.44 0.53 0.00	22.22 0.57 0.00	20.97 0.52 0.00	19.55 0.33 0.00	19.65 -0.18 0.00	20.27 -0.09 0.00	20.25 -0.14 0.00	19.32 -0.38 0.00	17.43 -0.53 1.21	21.35 -0.57 -2.00	42.06 -0.47 -22.03	42.23 -0.42 -25.25
MAPLEWOD_115KV_TB3 80458	23.16 1.00 0.00	22.91 0.98 0.00	22.25 0.98 0.00	24.05 1.04 0.00	23.75 1.02 0.00	24.09 0.99 0.00	33.73 1.26 0.00	31.36 1.25 0.00	20.83 0.86 0.00	27.08 1.15 0.00	25.59 1.02 0.00	29.55 0.90 0.00	24.38 0.47 0.00	22.07 0.42 0.00	20.88 0.43 0.00	19.66 0.45 0.00	20.42 0.59 0.00	21.11 0.75 0.00	21.25 0.86 0.00	20.48 0.79 0.00	20.00 0.84 0.00	20.80 0.87 0.00	21.27 0.78 0.00	18.07 0.67 0.00
MAPLE_RIDGE_WT_1 323574	21.55 -0.61 0.00	21.29 -0.64 0.00	20.67 -0.60 0.00	22.45 -0.55 0.00	22.18 -0.55 0.00	22.52 -0.58 0.00	31.76 -0.70 0.00	29.24 -0.88 0.00	19.35 -0.62 0.00	25.16 -0.76 0.00	23.84 -0.74 0.00	27.96 -0.69 0.00	23.45 -0.46 0.00	21.32 -0.33 0.00	20.16 -0.29 0.00	18.94 -0.28 0.00	19.45 -0.37 0.00	19.88 -0.48 0.00	19.77 -0.62 0.00	19.00 -0.69 0.00	16.19 -0.75 2.23	18.45 -0.76 0.72	16.72 -0.74 3.03	16.76 -0.64 0.00
MAPLE_RIDGE_WT_2 323611	21.55 -0.61 0.00	21.29 -0.64 0.00	20.67 -0.60 0.00	22.45 -0.55 0.00	22.18 -0.55 0.00	22.52 -0.58 0.00	31.76 -0.70 0.00	29.24 -0.88 0.00	19.35 -0.62 0.00	25.16 -0.76 0.00	23.84 -0.74 0.00	27.96 -0.69 0.00	23.45 -0.46 0.00	21.32 -0.33 0.00	20.16 -0.29 0.00	18.94 -0.28 0.00	19.45 -0.37 0.00	19.88 -0.48 0.00	19.77 -0.62 0.00	19.00 -0.69 0.00	16.19 -0.75 2.23	18.45 -0.76 0.72	16.72 -0.74 3.03	16.76 -0.64 0.00
MARBLE_RIVER_WT_PWR 323696	21.96 -0.20 0.00	21.89 -0.04 0.00	21.07 -0.20 0.00	22.81 -0.20 0.00	22.53 -0.19 0.00	22.93 -0.17 0.00	32.24 -0.23 0.00	29.70 -0.42 0.00	19.57 -0.40 0.00	25.60 -0.33 0.00	24.34 -0.23 0.00	28.74 0.09 0.00	24.22 0.32 0.00	22.07 0.41 0.00	20.80 0.36 0.00	19.43 0.22 0.00	19.50 -0.32 0.00	20.07 -0.29 0.00	20.00 -0.40 0.00	19.01 -0.69 0.00	16.99 -0.88 1.29	14.98 -0.98 3.98	-17.43 -0.86 37.06	-21.00 -0.76 37.65
MARSHVLE_115KV_TB1 80742	23.14 0.97 0.00	22.92 1.00 0.00	22.26 0.99 0.00	24.08 1.07 0.00	23.75 1.03 0.00	24.28 1.18 0.00	34.24 1.78 0.00	31.79 1.68 0.00	20.95 0.98 0.00	26.88 0.96 0.00	25.41 0.84 0.00	29.78 1.14 0.00	24.88 0.98 0.00	22.56 0.91 0.00	21.19 0.74 0.00	19.88 0.67 0.00	20.71 0.89 0.00	21.47 1.11 0.00	21.44 1.04 0.00	20.67 0.97 0.00	20.06 0.89 0.00	20.82 0.89 0.00	21.38 0.89 0.00	18.16 0.76 0.00
MARSH_HILL_WT_PWR 323713	21.46 -0.92 -0.21	22.17 -0.33 -0.58	21.11 -0.73 -0.57	22.81 -0.65 -0.46	22.77 -0.27 -0.31	22.76 -0.72 -0.38	31.84 -1.03 -0.41	30.07 -0.75 -0.70	19.88 -0.46 -0.36	25.62 -0.49 -0.17	24.06 -0.57 -0.06	27.92 -0.92 -0.19	23.30 -0.72 -0.11	21.03 -0.69 -0.07	19.85 -0.68 -0.07	18.86 -0.49 -0.14	20.08 -0.14 -0.40	20.66 0.14 -0.16	20.98 -0.17 -0.76	19.33 -0.47 -0.10	18.84 -0.58 -0.25	19.12 -1.02 -0.21	20.10 -0.71 -0.31	17.23 -0.50 -0.33
MCINTYRE_115KV_TB2 80467	22.22 0.06 0.00	22.13 0.20 0.00	21.47 0.20 0.00	23.25 0.24 0.00	22.93 0.20 0.00	23.17 0.06 0.00	32.71 0.24 0.00	30.20 0.09 0.00	19.81 -0.16 0.00	25.73 -0.19 0.00	24.36 -0.21 0.00	28.68 0.03 0.00	24.04 0.13 0.00	21.87 0.22 0.00	20.68 0.23 0.00	19.33 0.12 0.00	19.52 -0.30 0.00	20.00 -0.35 0.00	20.15 -0.24 0.00	19.51 -0.19 0.00	17.84 -0.24 1.10	19.85 -0.15 -0.07	23.18 0.01 -2.68	21.81 -0.03 -4.45
MECO____69_KV_BK1 80468	24.27 2.11 0.00	24.01 2.08 0.00	23.31 2.04 0.00	25.19 2.19 0.00	24.93 2.20 0.00	25.54 2.43 0.00	36.08 3.61 0.00	33.51 3.39 0.00	21.68 1.70 0.00	27.20 1.28 0.00	25.48 0.91 0.00	30.03 1.38 0.00	25.20 1.29 0.00	22.82 1.17 0.00	21.07 0.62 0.00	19.88 0.67 0.00	21.11 1.29 0.00	22.58 2.23 0.00	22.78 2.39 0.00	21.92 2.22 0.00	21.24 2.08 0.00	21.94 2.01 0.00	22.44 1.94 0.00	19.02 1.62 0.00
MENANDS___115KV_TB5 355628	23.08 0.92 0.00	22.85 0.92 0.00	22.18 0.91 0.00	23.98 0.97 0.00	23.67 0.95 0.00	23.98 0.88 0.00	33.53 1.06 0.00	31.17 1.05 0.00	20.72 0.75 0.00	26.97 1.05 0.00	25.49 0.91 0.00	29.42 0.77 0.00	24.27 0.36 0.00	21.98 0.33 0.00	20.79 0.34 0.00	19.57 0.36 0.00	20.30 0.48 0.00	20.97 0.61 0.00	21.12 0.73 0.00	20.36 0.66 0.00	19.90 0.73 0.00	20.71 0.78 0.00	21.18 0.69 0.00	18.00 0.60 0.00
MG INDUSTRY___DRP 24185	23.08 0.92 0.00	22.84 0.90 0.00	22.17 0.89 0.00	23.96 0.95 0.00	23.66 0.93 0.00	24.04 0.94 0.00	33.67 1.20 0.00	31.24 1.12 0.00	20.65 0.68 0.00	26.74 0.81 0.00	25.31 0.74 0.00	29.33 0.68 0.00	24.30 0.40 0.00	21.98 0.33 0.00	20.75 0.31 0.00	19.55 0.34 0.00	20.36 0.54 0.00	21.06 0.71 0.00	21.20 0.81 0.00	20.45 0.75 0.00	19.90 0.73 0.00	20.68 0.75 0.00	21.19 0.69 0.00	18.01 0.61 0.00
MID___OSWEGATCHIE_HYD 23849	21.81 -0.35 0.00	21.57 -0.37 0.00	20.89 -0.38 0.00	22.66 -0.35 0.00	22.33 -0.40 0.00	22.76 -0.34 0.00	32.04 -0.42 0.00	29.64 -0.48 0.00	19.37 -0.60 0.00	24.98 -0.94 0.00	23.61 -0.96 0.00	27.61 -1.04 0.00	23.03 -0.88 0.00	20.99 -0.66 0.00	19.86 -0.59 0.00	18.65 -0.57 0.00	19.13 -0.69 0.00	19.81 -0.55 0.00	19.81 -0.59 0.00	19.03 -0.66 0.00	17.72 -0.76 0.69	19.30 -0.78 -0.14	22.45 -0.73 -2.68	20.63 -0.63 -3.86
MID___RAQUETTE_HYD 23851	21.70 -0.46 0.00	21.59 -0.34 0.00	20.93 -0.34 0.00	22.66 -0.34 0.00	22.29 -0.44 0.00	22.50 -0.60 0.00	31.73 -0.74 0.00	29.28 -0.83 0.00	19.26 -0.71 0.00	25.06 -0.87 0.00	23.76 -0.81 0.00	27.97 -0.68 0.00	23.45 -0.46 0.00	21.31 -0.34 0.00	20.13 -0.31 0.00	18.83 -0.38 0.00	19.04 -0.78 0.00	19.47 -0.88 0.00	19.54 -0.85 0.00	18.88 -0.82 0.00	17.27 -0.86 1.04	19.32 -0.81 -0.20	23.77 -0.64 -3.92	22.55 -0.53 -5.68

MILLIKEN___1 23584	22.40 0.23 0.00	22.17 0.24 0.00	21.42 0.15 0.00	23.17 0.17 0.00	22.96 0.24 0.00	23.44 0.33 0.00	32.92 0.46 0.01	30.84 0.72 0.00	20.37 0.40 0.00	26.05 0.12 0.00	24.48 -0.10 0.00	28.36 -0.29 0.00	23.64 -0.27 0.00	21.41 -0.24 0.00	20.22 -0.23 0.00	19.12 -0.10 0.00	20.01 0.19 0.00	20.83 0.48 0.00	20.81 0.41 0.00	20.02 0.32 0.00	19.44 0.27 0.00	20.11 0.18 0.00	20.64 0.14 0.00	17.55 0.15 0.00
MILLIKEN___2 23585	22.40 0.23 0.00	22.17 0.24 0.00	21.42 0.15 0.00	23.17 0.17 0.00	22.96 0.24 0.00	23.44 0.33 0.00	32.92 0.46 0.01	30.84 0.72 0.00	20.37 0.40 0.00	26.05 0.12 0.00	24.48 -0.10 0.00	28.36 -0.29 0.00	23.64 -0.27 0.00	21.41 -0.24 0.00	20.22 -0.23 0.00	19.12 -0.10 0.00	20.01 0.19 0.00	20.83 0.48 0.00	20.81 0.41 0.00	20.02 0.32 0.00	19.44 0.27 0.00	20.11 0.18 0.00	20.64 0.14 0.00	17.55 0.15 0.00
MILLIKEN___DIESEL 23629	22.40 0.23 0.00	22.17 0.24 0.00	21.42 0.15 0.00	23.17 0.17 0.00	22.96 0.24 0.00	23.44 0.33 0.00	32.92 0.46 0.01	30.84 0.72 0.00	20.37 0.40 0.00	26.05 0.12 0.00	24.48 -0.10 0.00	28.36 -0.29 0.00	23.64 -0.27 0.00	21.41 -0.24 0.00	20.22 -0.23 0.00	19.12 -0.10 0.00	20.01 0.19 0.00	20.83 0.48 0.00	20.81 0.41 0.00	20.02 0.32 0.00	19.44 0.27 0.00	20.11 0.18 0.00	20.64 0.14 0.00	17.55 0.15 0.00
MILLSEAT___LFGE 323607	19.62 -1.40 1.14	17.59 -1.24 3.11	17.06 -1.15 3.06	19.37 -1.17 2.47	19.67 -1.39 1.67	19.60 -1.47 2.03	27.38 -2.74 2.35	24.15 -2.10 3.86	16.54 -1.44 1.99	22.94 -2.02 0.96	22.20 -2.05 0.33	25.13 -2.47 1.05	21.37 -1.92 0.62	19.41 -1.87 0.38	18.29 -1.75 0.41	17.16 -1.30 0.75	16.70 -0.92 2.20	18.70 -0.80 0.86	15.22 -1.03 4.14	17.98 -1.20 0.52	16.69 -1.09 1.39	17.49 -1.30 1.13	17.29 -1.49 1.71	14.46 -1.16 1.79
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.53 1.37 0.00	23.12 1.19 0.00	22.45 1.18 0.00	24.33 1.33 0.00	24.08 1.35 0.00	24.66 1.56 0.00	34.73 2.27 0.00	32.41 2.29 0.00	21.55 1.57 0.00	27.94 2.02 0.00	26.53 1.95 0.00	30.64 1.99 0.00	25.54 1.64 0.00	23.76 1.39 -0.72	33.74 1.25 -12.04	36.99 1.17 -16.61	21.20 1.38 0.00	21.99 1.63 0.00	22.19 1.80 0.00	21.34 1.64 0.00	20.79 1.62 0.00	21.50 1.57 0.00	21.99 1.50 0.00	18.63 1.24 0.00
MILLWOOD_13_KV_LOAD 356217	23.58 1.42 0.00	23.18 1.25 0.00	22.51 1.24 0.00	24.39 1.39 0.00	24.14 1.41 0.00	24.73 1.62 0.00	34.83 2.36 0.00	32.50 2.38 0.00	21.60 1.63 0.00	28.02 2.10 0.00	26.60 2.03 0.00	30.73 2.08 0.00	25.62 1.71 0.00	23.82 1.45 -0.72	33.80 1.31 -12.04	37.04 1.22 -16.61	21.26 1.44 0.00	22.06 1.70 0.00	22.26 1.86 0.00	21.41 1.71 0.00	20.85 1.68 0.00	21.56 1.63 0.00	22.05 1.55 0.00	18.67 1.27 0.00
MODEL_CITY_ENERGY 24167	18.75 -2.10 1.31	16.48 -1.87 3.58	15.99 -1.75 3.53	18.33 -1.83 2.84	18.70 -2.10 1.93	18.53 -2.24 2.34	25.77 -4.01 2.69	22.38 -3.31 4.42	15.51 -2.18 2.28	21.96 -2.86 1.10	21.42 -2.78 0.37	24.18 -3.27 1.20	20.57 -2.62 0.71	18.78 -2.44 0.43	17.67 -2.31 0.47	16.42 -1.93 0.86	15.71 -1.59 2.52	17.85 -1.52 0.99	13.84 -1.80 4.75	17.16 -1.95 0.59	15.79 -1.79 1.59	16.62 -2.01 1.30	16.35 -2.18 1.96	13.66 -1.70 2.05
MODERN_LFGE___ 323580	18.75 -2.10 1.31	16.48 -1.87 3.58	15.99 -1.75 3.53	18.33 -1.83 2.84	18.70 -2.10 1.93	18.53 -2.24 2.34	25.77 -4.01 2.69	22.38 -3.31 4.42	15.51 -2.18 2.28	21.96 -2.86 1.10	21.42 -2.78 0.37	24.18 -3.27 1.20	20.57 -2.62 0.71	18.78 -2.44 0.43	17.67 -2.31 0.47	16.42 -1.93 0.86	15.71 -1.59 2.52	17.85 -1.52 0.99	13.84 -1.80 4.75	17.16 -1.95 0.59	15.79 -1.79 1.59	16.62 -2.01 1.30	16.35 -2.18 1.96	13.66 -1.70 2.05
MOHAWK_PAPER___DRP 24187	23.16 1.00 0.00	22.91 0.98 0.00	22.25 0.98 0.00	24.05 1.04 0.00	23.75 1.02 0.00	24.09 0.99 0.00	33.73 1.26 0.00	31.36 1.25 0.00	20.83 0.86 0.00	27.08 1.15 0.00	25.59 1.02 0.00	29.55 0.90 0.00	24.38 0.47 0.00	22.07 0.42 0.00	20.88 0.43 0.00	19.66 0.45 0.00	20.42 0.59 0.00	21.11 0.75 0.00	21.25 0.86 0.00	20.48 0.79 0.00	20.00 0.84 0.00	20.80 0.87 0.00	21.27 0.78 0.00	18.07 0.67 0.00
MOHICAN___35_KV_115KV_LD 80490	23.27 1.11 0.00	22.96 1.03 0.00	22.25 0.98 0.00	23.97 0.97 0.00	23.78 1.06 0.00	24.28 1.17 0.00	34.19 1.73 0.00	31.73 1.62 0.00	20.95 0.97 0.00	27.17 1.25 0.00	25.67 1.10 0.00	29.54 0.89 0.00	24.41 0.50 0.00	22.10 0.44 0.00	20.96 0.51 0.00	19.82 0.60 0.00	20.71 0.88 0.00	21.45 1.10 0.00	21.62 1.23 0.00	20.87 1.17 0.00	20.26 1.09 0.00	20.96 1.03 0.00	21.48 0.99 0.00	18.23 0.83 0.00
MONGAUP___HYD 23641	23.38 1.22 0.00	23.02 1.08 0.00	22.41 1.14 0.00	24.20 1.19 0.00	23.93 1.20 0.00	24.45 1.35 0.00	34.35 1.88 0.00	31.96 1.84 0.00	21.16 1.19 0.00	27.39 1.47 0.00	26.10 1.52 0.00	30.12 1.47 0.00	25.13 1.23 0.00	22.12 0.98 0.51	12.79 0.78 8.44	8.26 0.69 11.64	20.71 0.89 0.00	21.64 1.28 0.00	21.86 1.47 0.00	21.07 1.38 0.00	20.52 1.35 0.00	21.42 1.49 0.00	21.82 1.33 0.00	18.55 1.15 0.00
MONTAUK___DIESEL 23721	46.02 2.92 -20.94	24.59 2.66 0.00	24.15 2.67 -0.21	32.00 2.96 -6.03	58.64 2.97 -32.94	26.17 3.07 -0.01	36.67 4.20 0.00	118.96 3.75 -85.09	60.59 2.16 -38.46	29.04 3.11 0.00	29.34 3.27 -1.50	32.07 3.41 0.00	26.81 2.91 0.00	24.76 2.48 -0.64	35.24 2.41 -12.38	87.93 2.43 -66.28	79.58 2.28 -57.48	22.65 2.29 0.00	70.61 2.71 -47.51	38.30 2.51 -16.09	23.61 2.46 -1.98	23.02 2.40 -0.69	23.03 2.54 0.00	24.13 2.44 -4.28
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.86 -1.30 0.00	20.50 -1.44 0.00	20.10 -1.18 0.00	21.88 -1.13 0.00	21.29 -1.44 0.00	21.84 -1.26 0.00	30.55 -1.90 0.02	28.29 -1.83 0.00	18.85 -1.13 0.00	24.77 -1.15 0.00	23.42 -1.16 0.00	27.23 -1.42 0.00	22.63 -1.28 0.00	20.40 -1.25 0.00	19.25 -1.20 0.00	18.39 -0.83 0.00	19.19 -0.63 0.00	20.03 -0.33 0.00	19.64 -0.76 0.00	18.67 -1.03 0.00	18.08 -1.09 0.00	18.57 -1.35 0.00	18.78 -1.71 0.00	16.43 -0.97 0.00
MORTIMER_115KV_TB3 55949	21.01 -1.15 0.00	20.81 -1.12 0.00	20.17 -1.10 0.00	21.89 -1.11 0.00	21.53 -1.20 0.00	21.86 -1.24 0.00	30.35 -2.10 0.02	28.50 -1.62 0.00	18.87 -1.10 0.00	24.37 -1.55 0.00	23.07 -1.51 0.00	26.80 -1.85 0.00	22.37 -1.53 0.00	20.26 -1.39 0.00	19.14 -1.30 0.00	18.19 -1.02 0.00	19.09 -0.73 0.00	19.76 -0.60 0.00	19.61 -0.79 0.00	18.78 -0.92 0.00	18.32 -0.85 0.00	18.92 -1.01 0.00	19.33 -1.16 0.00	16.48 -0.92 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.63 1.47 0.00	23.22 1.29 0.00	22.54 1.27 0.00	24.43 1.42 0.00	24.16 1.44 0.00	24.80 1.70 0.00	34.95 2.48 0.00	32.64 2.53 0.00	21.72 1.75 0.00	28.19 2.26 0.00	26.76 2.18 0.00	30.89 2.24 0.00	25.76 1.85 0.00	23.85 1.57 -0.63	32.36 1.42 -10.49	35.01 1.32 -14.48	21.37 1.54 0.00	22.14 1.79 0.00	22.35 1.96 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.65 1.72 0.00	22.12 1.63 0.00	18.73 1.34 0.00

MUNSVILLE_WIND_PWR 323609	23.88 1.32 -0.40	24.48 1.46 -1.08	23.53 1.19 -1.07	25.19 1.33 -0.86	24.85 1.54 -0.58	25.37 1.56 -0.71	35.56 2.29 -0.80	33.68 2.20 -1.36	21.90 1.22 -0.70	27.46 1.19 -0.34	25.62 0.92 -0.11	30.02 1.00 -0.37	25.08 0.95 -0.22	22.64 0.85 -0.13	21.43 0.84 -0.14	20.41 0.93 -0.27	22.04 1.44 -0.78	22.36 1.70 -0.30	23.35 1.49 -1.47	21.12 1.23 -0.19	20.79 1.13 -0.49	21.37 1.04 -0.40	22.14 1.05 -0.61	18.95 0.91 -0.63
N SALMON___HYD 24042	22.28 0.12 0.00	22.21 0.28 0.00	21.43 0.15 0.00	23.20 0.20 0.00	22.88 0.16 0.00	23.26 0.15 0.00	32.74 0.27 0.00	30.20 0.09 0.00	19.89 -0.08 0.00	25.94 0.02 0.00	24.61 0.03 0.00	29.04 0.39 0.00	24.44 0.54 0.00	22.22 0.57 0.00	20.97 0.52 0.00	19.55 0.34 0.00	19.65 -0.18 0.00	20.27 -0.08 0.00	20.25 -0.14 0.00	19.32 -0.38 0.00	17.43 -0.52 1.21	21.35 -0.57 -2.00	42.06 -0.46 -22.03	42.23 -0.42 -25.25
N.AKRON___115KV_KNAPP 355671	20.76 -1.40 0.00	20.69 -1.24 0.00	20.07 -1.20 0.00	21.81 -1.20 0.00	21.31 -1.42 0.00	21.64 -1.47 0.00	29.66 -2.78 0.02	27.97 -2.15 0.00	18.50 -1.47 0.00	23.90 -2.03 0.00	22.52 -2.06 0.00	26.19 -2.46 0.00	22.08 -1.83 0.00	19.80 -1.85 0.00	18.70 -1.75 0.00	17.91 -1.31 0.00	18.88 -0.94 0.00	19.56 -0.80 0.00	19.38 -1.01 0.00	18.51 -1.19 0.00	18.07 -1.10 0.00	18.61 -1.32 0.00	19.01 -1.49 0.00	16.26 -1.14 0.00
N.BELMOR_69_KV_BK1 55787	45.00 1.91 -20.93	23.61 1.68 0.00	23.16 1.67 -0.21	30.91 1.88 -6.03	57.55 1.88 -32.94	25.16 2.05 0.00	35.33 2.87 0.00	32.89 2.77 0.00	21.88 1.91 0.00	28.42 2.50 0.00	28.62 2.54 -1.50	31.30 2.65 0.00	26.07 2.16 0.00	24.11 1.82 -0.64	34.58 1.75 -12.38	87.16 1.66 -66.28	39.29 1.83 -17.63	22.34 1.99 0.00	22.65 2.20 -0.05	21.72 2.02 0.00	21.16 1.99 0.00	22.59 1.98 -0.69	22.44 1.95 0.00	23.34 1.66 -4.28
N.E_GEN_SANDY PD 24062	31.61 1.19 -8.26	26.66 1.10 -3.62	37.37 1.08 -15.02	32.95 1.18 -8.76	29.61 1.18 -5.70	43.44 1.27 -19.06	56.08 1.76 -21.86	42.68 1.75 -10.82	24.10 1.21 -2.91	28.07 1.58 -0.57	26.38 1.49 -0.31	30.85 1.45 -0.75	26.13 1.51 -0.70	23.48 1.30 -0.54	25.46 1.26 -3.75	27.38 1.18 -6.99	27.16 1.32 -6.02	36.14 1.43 -14.35	42.96 1.60 -20.97	26.87 1.42 -5.75	32.29 1.54 -11.57	25.87 1.51 -4.42	27.67 1.48 -5.70	27.26 1.22 -8.64
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.51 1.34 0.00	23.09 1.16 0.00	22.43 1.16 0.00	24.32 1.31 0.00	24.07 1.34 0.00	24.65 1.55 0.00	34.74 2.27 0.00	32.41 2.29 0.00	21.54 1.57 0.00	27.92 2.00 0.00	26.50 1.93 0.00	30.62 1.97 0.00	25.51 1.60 0.00	22.17 1.34 0.82	7.89 1.22 13.77	1.36 1.14 19.00	21.19 1.37 0.00	22.01 1.65 0.00	22.19 1.79 0.00	21.33 1.64 0.00	20.78 1.62 0.00	21.49 1.56 0.00	21.98 1.49 0.00	18.62 1.22 0.00
N.QUEENS_27_KV_LOAD 356247	23.62 1.46 0.00	23.22 1.29 0.00	22.52 1.25 0.00	24.39 1.39 0.00	24.19 1.47 0.00	24.85 1.75 0.00	34.86 2.39 0.00	32.68 2.56 0.00	21.73 1.75 0.00	28.18 2.25 -0.01	26.73 2.15 -0.01	30.93 2.27 -0.01	25.82 1.90 -0.01	23.92 1.64 -0.63	32.43 1.48 -10.51	35.08 1.37 -14.50	21.35 1.52 -0.01	22.12 1.76 -0.01	22.30 1.90 -0.01	21.43 1.72 -0.01	20.91 1.74 -0.01	21.63 1.69 -0.01	22.08 1.58 -0.01	18.77 1.37 0.00
N.TROY___115KV_TB1 355778	23.24 1.08 0.00	22.96 1.03 0.00	22.29 1.02 0.00	24.08 1.08 0.00	23.81 1.09 0.00	24.21 1.11 0.00	33.96 1.49 0.00	31.56 1.45 0.00	20.95 0.97 0.00	27.19 1.26 0.00	25.72 1.15 0.00	29.72 1.07 0.00	24.68 0.77 0.00	22.32 0.67 0.00	21.18 0.73 0.00	19.93 0.72 0.00	20.67 0.85 0.00	21.31 0.96 0.00	21.46 1.07 0.00	20.66 0.96 0.00	20.24 1.07 0.00	21.00 1.07 0.00	21.51 1.02 0.00	18.25 0.86 0.00
NARROWS_GT1_1 24228	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT1_2 24229	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT1_3 24230	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT1_4 24231	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT1_5 24232	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT1_6 24233	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT1_7 24234	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02

NARROWS_GT1_8 24235	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT2_1 24236	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT2_2 24237	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT2_3 24238	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT2_4 24239	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT2_5 24240	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT2_6 24241	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT2_7 24242	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NARROWS_GT2_8 24243	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.15 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.57 -10.52	35.17 1.46 -14.50	21.53 1.68 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.90 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.71 1.55 0.00	23.50 1.57 0.00	22.81 1.53 0.00	24.62 1.61 0.00	24.33 1.60 0.00	24.65 1.55 0.00	34.50 2.03 0.00	32.04 1.92 0.00	21.10 1.13 0.00	27.22 1.30 0.00	25.59 1.02 0.00	29.56 0.91 0.00	24.46 0.55 0.00	22.12 0.47 0.00	20.94 0.49 0.00	19.79 0.58 0.00	20.67 0.85 0.00	21.51 1.15 0.00	21.76 1.37 0.00	20.98 1.28 0.00	20.43 1.27 0.00	21.25 1.32 0.00	21.71 1.21 0.00	18.44 1.04 0.00
NCHELSEA_115KV_TR2 355582	23.66 1.50 0.00	23.27 1.34 0.00	22.59 1.32 0.00	24.48 1.47 0.00	24.21 1.48 0.00	24.79 1.69 0.00	34.92 2.45 0.00	32.57 2.45 0.00	21.63 1.66 0.00	28.02 2.10 0.00	26.58 2.00 0.00	30.71 2.06 0.00	25.62 1.71 0.00	23.10 1.45 0.00	21.75 1.30 0.00	20.44 1.22 0.00	21.28 1.46 0.00	22.10 1.75 0.00	22.29 1.90 0.00	21.45 1.76 0.00	20.89 1.72 0.00	21.59 1.66 0.00	22.08 1.58 0.00	18.69 1.30 0.00
NEG CAPITAL___MECHNVIL 23645	23.35 1.19 0.00	23.06 1.12 0.00	22.36 1.09 0.00	24.16 1.15 0.00	23.91 1.18 0.00	24.37 1.27 0.00	34.25 1.78 0.00	31.82 1.71 0.00	21.05 1.08 0.00	27.28 1.36 0.00	25.80 1.22 0.00	29.82 1.17 0.00	24.73 0.82 0.00	22.37 0.72 0.00	21.20 0.75 0.00	20.01 0.79 0.00	20.81 0.98 0.00	21.53 1.18 0.00	21.68 1.29 0.00	20.88 1.18 0.00	20.37 1.20 0.00	21.11 1.18 0.00	21.61 1.11 0.00	18.32 0.92 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.31 -1.36 0.49	19.27 -1.33 1.34	18.67 -1.28 1.32	20.59 -1.35 1.06	20.62 -1.39 0.72	20.82 -1.41 0.88	29.23 -2.21 1.03	26.69 -1.75 1.68	17.91 -1.20 0.87	23.76 -1.74 0.42	22.73 -1.70 0.14	26.09 -2.10 0.46	21.87 -1.76 0.27	19.89 -1.60 0.16	18.78 -1.49 0.18	17.67 -1.21 0.33	17.91 -0.95 0.96	19.16 -0.83 0.37	17.59 -1.00 1.81	18.37 -1.11 0.22	17.51 -1.05 0.60	18.24 -1.20 0.49	18.39 -1.35 0.75	15.53 -1.10 0.78
NEG CENTRAL___DRP 24199	21.79 -0.37 0.00	21.60 -0.33 0.00	20.87 -0.40 0.00	22.59 -0.41 0.00	22.38 -0.34 0.00	22.81 -0.29 0.00	31.96 -0.50 0.01	30.14 0.02 0.00	19.93 -0.05 0.00	25.36 -0.57 0.00	23.86 -0.71 0.00	27.60 -1.05 0.00	23.06 -0.85 0.00	20.89 -0.76 0.00	19.73 -0.72 0.00	18.68 -0.54 0.00	19.57 -0.26 0.00	20.34 -0.01 0.00	20.26 -0.13 0.00	19.46 -0.23 0.00	18.91 -0.26 0.00	19.53 -0.40 0.00	20.03 -0.46 0.00	17.06 -0.34 0.00
NEG CENTRAL___INDECK 23768	21.96 -0.31 -0.12	22.11 -0.15 -0.32	21.34 -0.25 -0.32	23.10 -0.17 -0.25	22.81 -0.09 -0.17	23.18 -0.13 -0.21	32.17 -0.37 -0.07	30.14 0.02 0.00	19.79 -0.18 0.00	25.26 -0.67 0.00	23.80 -0.77 0.00	27.57 -1.08 0.00	23.15 -0.76 0.00	20.84 -0.82 0.00	19.66 -0.79 0.00	18.75 -0.47 0.00	19.92 0.10 0.00	20.77 0.41 0.00	20.60 0.20 0.00	19.74 -0.01 -0.06	19.10 -0.07 0.00	19.58 -0.35 0.00	20.16 -0.33 0.00	17.15 -0.25 0.00

NEG CENTRAL___SENECA 23627	21.80 -0.36 0.00	21.63 -0.30 0.00	20.90 -0.37 0.00	22.65 -0.36 0.00	22.44 -0.29 0.00	22.87 -0.24 0.00	31.98 -0.47 0.01	30.09 -0.03 0.00	19.91 -0.07 0.00	25.47 -0.46 0.00	23.93 -0.64 0.00	27.63 -1.02 0.00	23.11 -0.79 0.00	20.93 -0.72 0.00	19.76 -0.69 0.00	18.73 -0.48 0.00	19.68 -0.15 0.00	20.51 0.15 0.00	20.41 0.02 0.00	19.59 -0.11 0.00	19.03 -0.14 0.00	19.61 -0.32 0.00	20.10 -0.40 0.00	17.10 -0.30 0.00
NEG CENTRAL___STATE_STREET 24147	22.02 -0.14 0.00	21.80 -0.13 0.00	21.02 -0.25 0.00	22.71 -0.29 0.00	22.54 -0.18 0.00	23.01 -0.10 0.00	32.32 -0.15 0.01	30.41 0.29 0.00	20.13 0.16 0.00	25.52 -0.41 0.00	23.99 -0.59 0.00	27.81 -0.84 0.00	23.19 -0.72 0.00	21.02 -0.63 0.00	19.86 -0.59 0.00	18.77 -0.44 0.00	19.60 -0.22 0.00	20.32 -0.03 0.00	20.27 -0.12 0.00	19.50 -0.20 0.00	18.96 -0.21 0.00	19.62 -0.31 0.00	20.20 -0.30 0.00	17.20 -0.21 0.00
NEG MILLWOOD___DRP 24198	23.77 1.61 0.00	23.39 1.46 0.00	22.69 1.42 0.00	24.60 1.60 0.00	24.34 1.61 0.00	24.94 1.84 0.00	35.14 2.68 0.00	32.79 2.68 0.00	21.78 1.81 0.00	28.21 2.28 0.00	26.75 2.17 0.00	30.90 2.25 0.00	25.77 1.86 0.00	23.42 1.58 -0.18	24.93 1.43 -3.05	24.76 1.34 -4.20	21.40 1.58 0.00	22.22 1.87 0.00	22.43 2.04 0.00	21.58 1.89 0.00	21.01 1.84 0.00	21.71 1.78 0.00	22.18 1.69 0.00	18.79 1.39 0.00
NEG NORTH_FLCN_SEA 23793	22.03 -0.13 0.00	21.97 0.04 0.00	21.13 -0.14 0.00	22.86 -0.15 0.00	22.64 -0.08 0.00	23.07 -0.03 0.00	32.42 -0.04 0.00	29.86 -0.26 0.00	19.67 -0.30 0.00	25.78 -0.15 0.00	24.54 -0.03 0.00	28.90 0.25 0.00	24.36 0.45 0.00	22.22 0.57 0.00	20.94 0.50 0.00	19.59 0.38 0.00	19.61 -0.21 0.00	20.25 -0.10 0.00	20.20 -0.20 0.00	19.17 -0.53 0.00	17.13 -0.74 1.29	15.11 -0.81 4.01	-17.60 -0.72 37.37	-21.21 -0.63 37.99
NEG NORTH_KES_CHATEGAY 23792	22.04 -0.12 0.00	21.98 0.05 0.00	21.16 -0.11 0.00	22.92 -0.09 0.00	22.61 -0.11 0.00	23.00 -0.10 0.00	32.35 -0.12 0.00	29.80 -0.31 0.00	19.64 -0.34 0.00	25.67 -0.26 0.00	24.40 -0.17 0.00	28.83 0.18 0.00	24.34 0.43 0.00	22.13 0.47 0.00	20.86 0.41 0.00	19.45 0.24 0.00	19.55 -0.27 0.00	20.11 -0.24 0.00	20.06 -0.34 0.00	19.07 -0.63 0.00	17.10 -0.80 1.27	14.83 -0.87 4.23	-19.88 -0.77 39.61	-23.68 -0.68 40.40
NEG NORTH___ALICE_FALLS 23915	22.26 0.10 0.00	22.20 0.27 0.00	21.36 0.08 0.00	23.11 0.10 0.00	22.87 0.15 0.00	23.30 0.20 0.00	32.77 0.30 0.00	30.21 0.09 0.00	19.90 -0.07 0.00	26.02 0.10 0.00	24.75 0.17 0.00	29.13 0.48 0.00	24.54 0.63 0.00	22.38 0.72 0.00	21.08 0.64 0.00	19.73 0.51 0.00	19.73 -0.09 0.00	20.42 0.06 0.00	20.38 -0.01 0.00	19.34 -0.36 0.00	17.31 -0.58 1.28	15.24 -0.65 4.04	-17.81 -0.57 37.73	-21.48 -0.51 38.37
NEG NORTH___LWR_SARANAC 23913	22.26 0.10 0.00	22.20 0.27 0.00	21.36 0.08 0.00	23.11 0.10 0.00	22.87 0.15 0.00	23.30 0.20 0.00	32.77 0.30 0.00	30.21 0.09 0.00	19.90 -0.07 0.00	26.02 0.10 0.00	24.75 0.17 0.00	29.13 0.48 0.00	24.54 0.63 0.00	22.38 0.72 0.00	21.08 0.64 0.00	19.73 0.51 0.00	19.73 -0.09 0.00	20.42 0.06 0.00	20.38 -0.01 0.00	19.34 -0.36 0.00	17.31 -0.58 1.28	15.24 -0.65 4.04	-17.81 -0.57 37.73	-21.48 -0.51 38.37
NEG NORTH___PLATTSBURG 23628	22.26 0.10 0.00	22.20 0.27 0.00	21.36 0.08 0.00	23.11 0.10 0.00	22.88 0.15 0.00	23.30 0.20 0.00	32.78 0.31 0.00	30.21 0.09 0.00	19.91 -0.07 0.00	26.02 0.10 0.00	24.74 0.17 0.00	29.13 0.48 0.00	24.53 0.63 0.00	22.38 0.73 0.00	21.08 0.64 0.00	19.73 0.51 0.00	19.73 -0.09 0.00	20.42 0.06 0.00	20.38 -0.01 0.00	19.34 -0.36 0.00	17.31 -0.58 1.28	15.24 -0.65 4.04	-17.81 -0.57 37.73	-21.48 -0.51 38.37
NEG WEST_LEA_LOCKPORT 23791	20.30 -1.86 0.00	20.23 -1.70 0.00	19.62 -1.65 0.00	21.32 -1.68 0.00	20.81 -1.91 0.00	21.09 -2.01 0.00	28.78 -3.66 0.02	27.15 -2.97 0.00	18.00 -1.97 0.00	23.36 -2.57 0.00	22.06 -2.51 0.00	25.69 -2.96 0.00	21.55 -2.36 0.00	19.45 -2.20 0.00	18.36 -2.08 0.00	17.51 -1.71 0.00	18.45 -1.37 0.00	19.09 -1.27 0.00	18.88 -1.52 0.00	18.02 -1.68 0.00	17.61 -1.56 0.00	18.15 -1.78 0.00	18.54 -1.96 0.00	15.88 -1.52 0.00
NEG WEST___LANCASTR 23811	21.47 -0.69 0.00	21.34 -0.59 0.00	20.68 -0.60 0.00	22.49 -0.52 0.00	22.03 -0.69 0.00	22.33 -0.77 0.00	30.63 -1.82 0.02	28.91 -1.21 0.00	19.17 -0.80 0.00	24.92 -1.01 0.00	23.56 -1.01 0.00	27.44 -1.21 0.00	22.99 -0.92 0.00	20.78 -0.88 0.00	19.59 -0.86 0.00	18.62 -0.60 0.00	19.59 -0.24 0.00	20.23 -0.13 0.00	20.00 -0.39 0.00	19.15 -0.55 0.00	18.66 -0.51 0.00	19.27 -0.66 0.00	19.71 -0.78 0.00	16.83 -0.57 0.00
NEG_PENN_ALLEGHNY 23528	22.88 0.11 -0.61	23.69 0.11 -1.65	22.96 0.06 -1.63	24.39 0.08 -1.31	23.73 0.12 -0.89	24.37 0.18 -1.08	33.89 0.21 -1.22	32.59 0.40 -2.07	21.31 0.27 -1.07	26.69 0.25 -0.51	24.88 0.13 -0.17	29.21 -0.01 -0.56	24.20 -0.04 -0.33	21.81 -0.04 -0.20	20.61 -0.06 -0.22	19.63 0.01 -0.40	21.21 0.21 -1.18	21.24 0.43 -0.46	22.97 0.36 -2.22	20.27 0.29 -0.28	20.16 0.25 -0.74	20.69 0.16 -0.60	21.50 0.08 -0.92	18.46 0.10 -0.96
NEG___GEN_MONROE 24207	21.12 -1.04 0.00	20.94 -0.99 0.00	20.30 -0.97 0.00	22.03 -0.97 0.00	21.65 -1.07 0.00	21.99 -1.11 0.00	30.49 -1.96 0.02	28.65 -1.47 0.00	18.95 -1.03 0.00	24.44 -1.49 0.00	23.10 -1.48 0.00	26.83 -1.82 0.00	22.42 -1.49 0.00	20.28 -1.37 0.00	19.16 -1.28 0.00	18.27 -0.94 0.00	19.20 -0.62 0.00	19.87 -0.48 0.00	19.73 -0.67 0.00	18.88 -0.82 0.00	18.42 -0.75 0.00	19.01 -0.91 0.00	19.42 -1.08 0.00	16.55 -0.85 0.00
NEPA___ENERGY 23901	20.83 -1.33 0.00	20.62 -1.32 0.00	19.96 -1.31 0.00	21.73 -1.28 0.00	21.36 -1.36 0.00	21.80 -1.30 0.00	30.20 -2.25 0.02	28.34 -1.78 0.00	18.83 -1.14 0.00	24.57 -1.36 0.00	23.08 -1.50 0.00	26.81 -1.84 0.00	22.35 -1.55 0.00	20.23 -1.42 0.00	19.09 -1.36 0.00	18.12 -1.10 0.00	18.92 -0.90 0.00	19.77 -0.59 0.00	19.53 -0.86 0.00	18.75 -0.95 0.00	18.23 -0.94 0.00	18.76 -1.17 0.00	19.12 -1.38 0.00	16.38 -1.02 0.00
NEVERSink___HYD 23608	23.32 1.16 0.00	22.93 1.00 0.00	22.25 0.98 0.00	24.11 1.10 0.00	23.87 1.14 0.00	24.48 1.38 0.00	34.56 2.09 0.00	32.27 2.15 0.00	21.37 1.40 0.00	27.61 1.68 0.00	26.16 1.58 0.00	30.00 1.35 0.00	24.42 0.51 0.00	21.85 0.34 0.15	18.17 0.19 2.47	16.04 0.23 3.41	20.30 0.48 0.00	21.17 0.82 0.00	21.40 1.01 0.00	20.68 0.98 0.00	20.63 1.46 0.00	21.32 1.39 0.00	21.80 1.30 0.00	18.44 1.04 0.00
NEWKRMKL_115KV_TB1 55635	23.00 0.84 0.00	22.78 0.85 0.00	22.12 0.85 0.00	23.91 0.90 0.00	23.59 0.87 0.00	23.85 0.75 0.00	33.32 0.85 0.00	30.98 0.86 0.00	20.58 0.61 0.00	26.81 0.88 0.00	25.31 0.74 0.00	29.22 0.57 0.00	24.13 0.22 0.00	21.87 0.22 0.00	20.70 0.25 0.00	19.49 0.28 0.00	20.20 0.38 0.00	20.86 0.50 0.00	21.01 0.62 0.00	20.26 0.57 0.00	19.82 0.65 0.00	20.66 0.73 0.00	21.11 0.62 0.00	17.96 0.56 0.00

NEWTON___FALLS_HYD 23847	21.81 -0.35 0.00	21.57 -0.37 0.00	20.89 -0.38 0.00	22.66 -0.35 0.00	22.33 -0.40 0.00	22.76 -0.34 0.00	32.04 -0.42 0.00	29.64 -0.48 0.00	19.37 -0.60 0.00	24.98 -0.94 0.00	23.61 -0.96 0.00	27.61 -1.04 0.00	23.03 -0.88 0.00	20.99 -0.66 0.00	19.86 -0.59 0.00	18.65 -0.57 0.00	19.13 -0.69 0.00	19.81 -0.55 0.00	19.81 -0.59 0.00	19.03 -0.66 0.00	17.72 -0.76 0.69	19.30 -0.78 -0.14	22.45 -0.73 -2.68	20.63 -0.63 -3.86
NGRID_A1_DSASP 323792	18.61 -2.20 1.36	16.16 -2.07 3.71	15.67 -1.95 3.66	18.04 -2.02 2.95	18.53 -2.20 2.00	18.25 -2.42 2.43	25.50 -4.18 2.78	22.07 -3.47 4.58	15.30 -2.31 2.36	21.72 -3.06 1.14	21.20 -2.98 0.39	23.94 -3.47 1.24	20.35 -2.82 0.73	18.57 -2.63 0.45	17.49 -2.47 0.49	16.24 -2.08 0.89	15.52 -1.69 2.61	17.62 -1.71 1.02	13.51 -1.96 4.92	16.91 -2.18 0.62	15.61 -1.92 1.64	16.42 -2.16 1.34	16.16 -2.31 2.03	13.44 -1.84 2.12
NGRID_A2_DSASP 323793	18.61 -2.20 1.36	16.16 -2.07 3.71	15.67 -1.95 3.66	18.04 -2.02 2.95	18.53 -2.20 2.00	18.25 -2.42 2.43	25.50 -4.18 2.78	22.07 -3.47 4.58	15.30 -2.31 2.36	21.72 -3.06 1.14	21.20 -2.98 0.39	23.94 -3.47 1.24	20.35 -2.82 0.73	18.57 -2.63 0.45	17.49 -2.47 0.49	16.24 -2.08 0.89	15.52 -1.69 2.61	17.62 -1.71 1.02	13.51 -1.96 4.92	16.91 -2.18 0.62	15.61 -1.92 1.64	16.42 -2.16 1.34	16.16 -2.31 2.03	13.44 -1.84 2.12
NGRID_A4_DSASP 323807	18.61 -2.20 1.36	16.16 -2.07 3.71	15.67 -1.95 3.66	18.04 -2.02 2.95	18.53 -2.20 2.00	18.25 -2.42 2.43	25.50 -4.18 2.78	22.07 -3.47 4.58	15.30 -2.31 2.36	21.72 -3.06 1.14	21.20 -2.98 0.39	23.94 -3.47 1.24	20.35 -2.82 0.73	18.57 -2.63 0.45	17.49 -2.47 0.49	16.24 -2.08 0.89	15.52 -1.69 2.61	17.62 -1.71 1.02	13.51 -1.96 4.92	16.91 -2.18 0.62	15.61 -1.92 1.64	16.42 -2.16 1.34	16.16 -2.31 2.03	13.44 -1.84 2.12
NIAGARA_115E_LBMP 323715	18.58 -2.23 1.35	16.27 -1.98 3.68	15.79 -1.86 3.62	18.14 -1.95 2.92	18.51 -2.24 1.98	18.33 -2.37 2.40	25.46 -4.25 2.76	22.04 -3.54 4.54	15.31 -2.32 2.34	21.75 -3.04 1.13	21.25 -2.94 0.38	23.97 -3.45 1.23	20.40 -2.78 0.73	18.64 -2.57 0.44	17.54 -2.43 0.48	16.27 -2.06 0.89	15.51 -1.73 2.59	17.67 -1.67 1.01	13.57 -1.95 4.88	17.00 -2.09 0.61	15.61 -1.93 1.63	16.45 -2.15 1.33	16.17 -2.32 2.02	13.51 -1.79 2.10
NIAGARA_115W_LBMP 323714	18.57 -2.23 1.36	16.13 -2.10 3.70	15.65 -1.97 3.65	18.01 -2.06 2.94	18.51 -2.23 1.99	18.22 -2.46 2.42	25.45 -4.24 2.78	22.02 -3.52 4.57	15.26 -2.35 2.36	21.67 -3.11 1.14	21.15 -3.04 0.39	23.88 -3.52 1.24	20.30 -2.87 0.73	18.52 -2.68 0.45	17.44 -2.52 0.49	16.21 -2.12 0.89	15.49 -1.73 2.60	17.57 -1.76 1.02	13.49 -2.00 4.91	16.87 -2.21 0.61	15.57 -1.96 1.64	16.39 -2.20 1.34	16.13 -2.34 2.03	13.41 -1.87 2.11
NIAGARA_230_LBMP 323716	18.76 -2.07 1.34	16.31 -1.97 3.65	15.80 -1.88 3.60	18.19 -1.92 2.90	18.66 -2.11 1.96	18.43 -2.29 2.39	25.79 -3.94 2.74	22.39 -3.23 4.50	15.52 -2.13 2.32	22.05 -2.75 1.12	21.56 -2.64 0.38	24.32 -3.11 1.22	20.68 -2.32 0.72	18.89 -2.32 0.44	17.78 -2.19 0.48	16.48 -1.86 0.88	15.73 -1.53 2.56	17.89 -1.46 1.00	13.82 -1.74 4.83	17.21 -1.88 0.60	15.82 -1.73 1.62	16.69 -1.92 1.32	16.39 -2.11 2.00	13.64 -1.68 2.08
NIAGARA___115KV_198_GIBSON 55903	19.94 -2.22 0.00	19.84 -2.09 0.00	19.26 -2.02 0.00	20.93 -2.08 0.00	20.47 -2.25 0.00	20.67 -2.43 0.00	28.20 -4.24 0.02	26.60 -3.52 0.00	17.61 -2.36 0.00	22.80 -3.13 0.00	21.52 -3.05 0.00	25.11 -3.54 0.00	21.02 -2.89 0.00	18.97 -2.68 0.00	17.93 -2.52 0.00	17.12 -2.09 0.00	18.09 -1.73 0.00	18.61 -1.74 0.00	18.44 -1.95 0.00	17.53 -2.16 0.00	17.22 -1.94 0.00	17.74 -2.19 0.00	18.21 -2.28 0.00	15.56 -1.84 0.00
NIAGARA____ 23760	18.75 -2.07 1.34	16.30 -1.97 3.66	15.79 -1.88 3.61	18.18 -1.92 2.91	18.65 -2.11 1.97	18.42 -2.29 2.39	25.78 -3.94 2.75	22.37 -3.23 4.52	15.51 -2.13 2.33	22.05 -2.75 1.12	21.55 -2.64 0.38	24.31 -3.11 1.23	20.68 -2.50 0.72	18.89 -2.32 0.44	17.77 -2.19 0.48	16.48 -1.86 0.88	15.72 -1.53 2.58	17.88 -1.46 1.01	13.80 -1.74 4.85	17.21 -1.88 0.61	15.82 -1.73 1.62	16.68 -1.92 1.32	16.38 -2.11 2.00	13.63 -1.68 2.09
NINE_MILE_1 23575	21.24 -0.92 0.00	21.02 -0.91 0.00	20.38 -0.90 0.00	22.02 -0.99 0.00	21.76 -0.97 0.00	22.15 -0.95 0.00	30.93 -1.44 0.10	28.83 -1.29 0.00	19.18 -0.79 0.00	24.75 -1.18 0.00	23.42 -1.15 0.00	27.23 -1.42 0.00	22.70 -1.21 0.00	20.59 -1.06 0.00	19.47 -0.98 0.00	18.35 -0.86 0.00	19.07 -0.75 0.00	19.67 -0.69 0.00	19.61 -0.78 0.00	18.91 -0.79 0.00	18.40 -0.77 0.00	19.08 -0.85 0.00	19.57 -0.92 0.00	16.69 -0.71 0.00
NINE_MILE_2 23744	21.24 -0.92 0.00	21.02 -0.91 0.00	20.38 -0.90 0.00	22.02 -0.98 0.00	21.76 -0.96 0.00	22.15 -0.95 0.00	30.93 -1.44 0.10	28.83 -1.29 0.00	19.18 -0.79 0.00	24.76 -1.17 0.00	23.42 -1.15 0.00	27.23 -1.42 0.00	22.70 -1.21 0.00	20.59 -1.05 0.00	19.47 -0.98 0.00	18.35 -0.86 0.00	19.08 -0.75 0.00	19.67 -0.68 0.00	19.62 -0.78 0.00	18.91 -0.79 0.00	18.40 -0.76 0.00	19.08 -0.85 0.00	19.57 -0.92 0.00	16.69 -0.71 0.00
NM_CAPITAL___DRP 24208	23.04 0.88 0.00	22.81 0.88 0.00	22.15 0.88 0.00	23.94 0.94 0.00	23.63 0.91 0.00	23.92 0.82 0.00	33.44 0.97 0.00	31.10 0.98 0.00	20.67 0.69 0.00	26.91 0.98 0.00	25.42 0.84 0.00	29.34 0.69 0.00	24.20 0.30 0.00	21.92 0.27 0.00	20.75 0.30 0.00	19.53 0.32 0.00	20.25 0.42 0.00	20.91 0.55 0.00	21.06 0.67 0.00	20.31 0.61 0.00	19.85 0.69 0.00	20.67 0.74 0.00	21.14 0.64 0.00	17.97 0.57 0.00
NM_CENTRAL___DRP 24181	21.65 -0.51 0.00	21.41 -0.52 0.00	20.75 -0.53 0.00	22.42 -0.58 0.00	22.16 -0.57 0.00	22.59 -0.51 0.00	31.65 -0.80 0.01	29.59 -0.52 0.00	19.64 -0.34 0.00	25.26 -0.67 0.00	23.88 -0.69 0.00	27.73 -0.92 0.00	23.10 -0.81 0.00	20.95 -0.70 0.00	19.79 -0.65 0.00	18.70 -0.52 0.00	19.48 -0.34 0.00	20.14 -0.21 0.00	20.09 -0.30 0.00	19.35 -0.36 0.00	18.81 -0.36 0.00	19.49 -0.44 0.00	19.96 -0.53 0.00	17.01 -0.39 0.00
NM_FRONTIER___DRP 24179	19.94 -2.22 0.00	19.84 -2.09 0.00	19.26 -2.02 0.00	20.93 -2.08 0.00	20.47 -2.25 0.00	20.67 -2.43 0.00	28.20 -4.24 0.02	26.60 -3.52 0.00	17.61 -2.36 0.00	22.80 -3.13 0.00	21.52 -3.05 0.00	25.11 -3.54 0.00	21.02 -2.89 0.00	18.97 -2.68 0.00	17.93 -2.52 0.00	17.12 -2.09 0.00	18.09 -1.73 0.00	18.61 -1.74 0.00	18.44 -1.95 0.00	17.53 -2.16 0.00	17.22 -1.94 0.00	17.74 -2.19 0.00	18.21 -2.28 0.00	15.56 -1.84 0.00
NM_ST_REGIS___HYD 24053	21.86 -0.30 0.00	21.76 -0.17 0.00	21.07 -0.20 0.00	22.82 -0.19 0.00	22.45 -0.27 0.00	22.71 -0.40 0.00	32.01 -0.46 0.00	29.54 -0.58 0.00	19.43 -0.54 0.00	25.30 -0.62 0.00	24.00 -0.57 0.00	28.28 -0.37 0.00	23.73 -0.18 0.00	21.57 -0.08 0.00	20.38 -0.07 0.00	19.04 -0.18 0.00	19.21 -0.61 0.00	19.69 -0.67 0.00	19.73 -0.66 0.00	19.00 -0.70 0.00	17.32 -0.77 1.07	19.76 -0.74 -0.57	27.55 -0.59 -7.65	26.61 -0.50 -9.71

NORTHPORT___1 23551	45.06 1.96 -20.93	23.65 1.71 0.00	23.21 1.72 -0.21	30.99 1.95 -6.03	57.67 2.00 -32.94	25.18 2.07 0.00	35.32 2.85 0.00	39.41 2.70 -6.60	24.78 1.83 -2.98	28.26 2.33 0.00	28.48 2.40 -1.50	31.09 2.44 0.00	25.89 1.99 0.00	23.93 1.65 -0.64	34.49 1.67 -12.38	87.11 1.62 -66.28	42.36 1.81 -20.72	22.17 1.82 0.00	26.22 2.09 -3.74	22.89 1.95 -1.25	21.24 1.92 -0.15	22.52 1.91 -0.69	22.40 1.90 0.00	23.38 1.70 -4.28
NORTHPORT___2 23552	45.06 1.96 -20.93	23.65 1.71 0.00	23.21 1.72 -0.21	30.99 1.95 -6.03	57.67 2.00 -32.94	25.18 2.07 0.00	35.32 2.85 0.00	39.41 2.70 -6.60	24.78 1.83 -2.98	28.26 2.33 0.00	28.48 2.40 -1.50	31.09 2.44 0.00	25.89 1.99 0.00	23.93 1.65 -0.64	34.49 1.67 -12.38	87.11 1.62 -66.28	42.36 1.81 -20.72	22.17 1.82 0.00	26.22 2.09 -3.74	22.89 1.95 -1.25	21.24 1.92 -0.15	22.52 1.91 -0.69	22.40 1.90 0.00	23.38 1.70 -4.28
NORTHPORT___3 23553	44.84 1.75 -20.93	23.47 1.54 0.00	23.04 1.56 -0.21	30.77 1.73 -6.03	57.43 1.77 -32.94	24.97 1.87 0.00	34.92 2.45 0.00	16.96 2.31 15.47	14.67 1.69 7.00	28.20 2.28 0.00	28.41 2.33 -1.50	31.11 2.46 0.00	25.90 2.00 0.00	23.96 1.67 -0.64	34.44 1.61 -12.38	87.00 1.51 -66.28	31.84 1.63 -10.39	22.06 1.71 0.00	13.78 1.96 8.57	18.54 1.76 2.93	20.57 1.77 0.36	22.36 1.75 -0.69	22.25 1.76 0.00	23.23 1.55 -4.28
NORTHPORT___4 23650	44.84 1.75 -20.93	23.47 1.54 0.00	23.04 1.56 -0.21	30.77 1.73 -6.03	57.43 1.77 -32.94	24.97 1.87 0.00	34.92 2.45 0.00	16.96 2.31 15.47	14.67 1.69 7.00	28.20 2.28 0.00	28.41 2.33 -1.50	31.11 2.46 0.00	25.90 2.00 0.00	23.96 1.67 -0.64	34.44 1.61 -12.38	87.00 1.51 -66.28	31.84 1.63 -10.39	22.06 1.71 0.00	13.78 1.96 8.57	18.54 1.76 2.93	20.57 1.77 0.36	22.36 1.75 -0.69	22.25 1.76 0.00	23.23 1.55 -4.28
NORTHPORT___IC 23718	45.06 1.96 -20.93	23.65 1.72 0.00	23.21 1.72 -0.21	31.00 1.96 -6.03	57.67 2.00 -32.94	25.18 2.08 0.00	35.32 2.85 0.00	39.41 2.70 -6.60	24.78 1.83 -2.98	28.26 2.33 0.00	28.48 2.40 -1.50	31.09 2.44 0.00	25.90 1.99 0.00	23.93 1.65 -0.64	34.49 1.67 -12.38	87.12 1.62 -66.28	42.36 1.81 -20.72	22.17 1.82 0.00	26.22 2.09 -3.74	22.89 1.94 -1.25	21.24 1.92 -0.15	22.52 1.90 -0.69	22.39 1.90 0.00	23.38 1.70 -4.28
NORTH___COUNTRY_ESR 323785	21.96 -0.20 0.00	21.89 -0.04 0.00	21.08 -0.20 0.00	22.83 -0.18 0.00	22.52 -0.20 0.00	22.91 -0.19 0.00	32.22 -0.24 0.00	29.67 -0.45 0.00	19.55 -0.42 0.00	25.58 -0.34 0.00	24.33 -0.24 0.00	28.76 0.11 0.00	24.25 0.34 0.00	22.08 0.43 0.00	20.82 0.37 0.00	19.41 0.20 0.00	19.50 -0.33 0.00	20.03 -0.33 0.00	19.95 -0.44 0.00	18.98 -0.72 0.00	17.01 -0.89 1.27	14.73 -0.97 4.23	-20.02 -0.85 39.66	-23.80 -0.75 40.45
NPX_GEN_1385_PROXY 323591	45.21 2.12 -20.93	23.82 1.89 0.00	23.38 1.89 -0.21	31.27 2.23 -6.03	59.47 2.64 -34.10	25.59 2.49 0.00	59.90 3.76 -23.67	63.46 3.55 -29.78	25.29 2.34 -2.98	28.62 2.69 0.00	28.69 2.61 -1.50	31.13 2.48 0.00	25.97 2.06 0.00	23.71 1.43 -0.64	34.30 1.48 -12.38	87.06 1.57 -66.28	43.33 2.09 -21.42	22.17 1.82 0.00	26.30 2.18 -3.74	40.96 2.22 -19.04	40.83 2.19 -19.47	22.80 2.18 -0.69	24.55 2.00 -2.06	23.44 1.76 -4.28
NPX_GEN_CSC 323557	45.30 2.20 -20.94	23.88 1.95 0.00	23.46 1.97 -0.21	31.26 2.22 -6.03	57.93 2.26 -32.94	25.48 2.37 -0.01	35.69 3.22 0.00	117.77 3.02 -84.62	60.24 2.02 -38.25	28.55 2.62 0.00	28.81 2.73 -1.50	31.47 2.82 0.00	26.19 2.28 0.00	24.18 1.89 -0.64	34.62 1.80 -12.38	87.31 1.81 -66.28	79.80 2.03 -57.96	22.37 2.01 0.00	70.02 2.38 -47.25	37.88 2.18 -16.00	23.28 2.14 -1.97	22.72 2.10 -0.69	24.70 2.14 -2.06	23.61 1.92 -4.28
NSINS_S_GLNS_FALLS 23858	23.18 1.02 0.00	22.87 0.94 0.00	22.17 0.90 0.00	23.88 0.87 0.00	23.69 0.97 0.00	24.18 1.09 0.00	34.08 1.61 0.00	31.62 1.51 0.00	20.88 0.90 0.00	27.10 1.18 0.00	25.61 1.03 0.00	29.49 0.84 0.00	24.36 0.45 0.00	22.05 0.40 0.00	20.90 0.45 0.00	19.76 0.55 0.00	20.64 0.82 0.00	21.38 1.03 0.00	21.55 1.15 0.00	20.80 1.10 0.00	20.19 1.02 0.00	20.89 0.96 0.00	21.40 0.91 0.00	18.16 0.76 0.00
NUCOR_STEEL___DRP 24197	22.00 -0.16 0.00	21.79 -0.14 0.00	21.00 -0.27 0.00	22.68 -0.32 0.00	22.51 -0.21 0.00	22.98 -0.12 0.00	32.29 -0.17 0.01	30.39 0.27 0.00	20.13 0.16 0.00	25.49 -0.44 0.00	23.96 -0.62 0.00	27.79 -0.86 0.00	23.16 -0.74 0.00	20.99 -0.66 0.00	19.84 -0.61 0.00	18.75 -0.46 0.00	19.57 -0.25 0.00	20.27 -0.08 0.00	20.22 -0.17 0.00	19.46 -0.24 0.00	18.92 -0.25 0.00	19.59 -0.33 0.00	20.17 -0.32 0.00	17.18 -0.22 0.00
NUMBER_THREE_WT_PWR 323818	22.10 -0.06 0.00	21.71 -0.21 0.00	21.03 -0.24 0.00	22.86 -0.15 0.00	22.55 -0.17 0.00	23.20 0.10 0.00	32.60 0.13 0.00	30.22 0.10 0.00	19.64 -0.33 0.00	25.15 -0.77 0.00	23.69 -0.89 0.00	27.55 -1.11 0.00	22.89 -1.02 0.00	20.91 -0.74 0.00	19.84 -0.61 0.00	18.69 -0.53 0.00	19.39 -0.43 0.00	20.25 -0.11 0.00	20.18 -0.21 0.00	19.30 -0.40 0.00	18.35 -0.55 0.27	19.37 -0.63 -0.07	21.02 -0.69 -1.22	18.46 -0.63 -1.69
NYISO_LBMP_REFERENCE 24008	22.16 0.00 0.00	21.93 0.00 0.00	21.27 0.00 0.00	23.01 0.00 0.00	22.72 0.00 0.00	23.10 0.00 0.00	32.47 0.00 0.00	30.12 0.00 0.00	19.97 0.00 0.00	25.92 0.00 0.00	24.58 0.00 0.00	28.65 0.00 0.00	23.91 0.00 0.00	21.65 0.00 0.00	20.45 0.00 0.00	19.21 0.00 0.00	19.82 0.00 0.00	20.36 0.00 0.00	20.39 0.00 0.00	19.70 0.00 0.00	19.17 0.00 0.00	19.93 0.00 0.00	20.49 0.00 0.00	17.40 0.00 0.00
NYPA_BRENTWD___GT 24164	45.28 2.19 -20.93	23.86 1.93 0.00	23.42 1.94 -0.21	31.22 2.18 -6.03	57.88 2.22 -32.94	25.45 2.34 0.00	35.72 3.25 0.00	48.30 3.09 -15.09	28.88 2.09 -6.82	28.62 2.70 0.00	28.82 2.74 -1.50	31.50 2.85 0.00	26.22 2.31 0.00	24.22 1.93 -0.64	34.72 1.90 -12.38	87.33 1.83 -66.28	46.59 2.07 -24.70	22.49 2.13 0.00	31.28 2.41 -8.47	24.78 2.23 -2.85	21.70 2.18 -0.35	22.77 2.15 -0.69	22.64 2.15 0.00	23.57 1.89 -4.28
NYPA_GOWANUS___GT5 24156	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.14 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.44 1.83 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02
NYPA_GOWANUS___GT6 24157	23.75 1.59 0.00	23.33 1.40 0.00	22.63 1.36 0.00	24.54 1.53 0.00	24.29 1.57 0.00	24.95 1.85 0.00	35.12 2.65 -0.01	32.86 2.73 -0.01	21.88 1.89 -0.02	110.31 2.41 -81.98	168.33 2.30 -141.45	31.14 2.42 -0.08	25.95 2.00 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.64 2.08 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.44 1.83 -37.68	47.29 1.74 -25.06	18.88 1.47 -0.02

NYPA_HARLEM__RVR__GT1 24160	23.58 1.42 0.00	23.18 1.25 0.00	22.48 1.21 0.00	24.36 1.35 0.00	24.15 1.42 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.63 2.51 0.00	21.69 1.72 0.00	28.07 2.14 -0.01	26.59 2.01 -0.01	30.85 2.19 -0.01	25.75 1.83 -0.01	23.86 1.58 -0.63	32.38 1.43 -10.51	35.02 1.31 -14.50	21.29 1.46 -0.01	22.05 1.69 -0.01	22.23 1.83 -0.01	21.35 1.64 -0.01	20.86 1.69 -0.01	21.58 1.64 -0.01	22.03 1.53 -0.01	18.74 1.33 0.00
NYPA_HARLEM__RVR__GT2 24161	23.58 1.42 0.00	23.18 1.25 0.00	22.48 1.21 0.00	24.36 1.35 0.00	24.15 1.42 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.63 2.51 0.00	21.69 1.72 0.00	28.07 2.14 -0.01	26.59 2.01 -0.01	30.85 2.19 -0.01	25.75 1.83 -0.01	23.86 1.58 -0.63	32.38 1.43 -10.51	35.02 1.31 -14.50	21.29 1.46 -0.01	22.05 1.69 -0.01	22.23 1.83 -0.01	21.35 1.64 -0.01	20.86 1.69 -0.01	21.58 1.64 -0.01	22.03 1.53 -0.01	18.74 1.33 0.00
NYPA_KENT____GT 24152	23.72 1.56 0.00	23.30 1.36 0.00	22.60 1.33 0.00	24.49 1.49 0.00	24.25 1.52 0.00	24.91 1.81 0.00	35.07 2.60 -0.01	32.82 2.70 -0.01	21.84 1.86 -0.01	83.22 2.37 -54.93	121.62 2.27 -94.78	31.09 2.39 -0.05	25.91 1.98 -0.03	23.99 1.70 -0.65	32.50 1.54 -10.51	35.14 1.43 -14.50	21.49 1.64 -0.02	82.04 1.88 -59.81	76.14 2.03 -53.71	96.05 1.84 -74.51	61.39 1.84 -40.38	46.98 1.81 -25.25	38.98 1.70 -16.79	18.84 1.43 -0.01
NYPA_POUCH1____GT 24155	23.70 1.53 0.00	23.27 1.34 0.00	22.58 1.30 0.00	24.47 1.47 0.00	24.24 1.52 0.00	24.90 1.80 0.00	35.04 2.56 -0.01	32.74 2.61 -0.01	21.79 1.80 -0.02	107.77 2.28 -79.57	164.05 2.19 -137.29	31.00 2.28 -0.08	25.83 1.88 -0.05	23.92 1.62 -0.65	32.44 1.48 -10.52	35.08 1.37 -14.50	21.45 1.59 -0.04	111.44 1.82 -89.26	102.56 2.00 -80.17	132.72 1.82 -111.20	81.27 1.83 -60.28	59.41 1.80 -37.68	47.24 1.70 -25.06	18.84 1.42 -0.02
NYPA_VERNON____GT2 24162	23.67 1.51 0.00	23.26 1.33 0.00	22.56 1.29 0.00	24.45 1.45 0.00	24.22 1.49 0.00	24.88 1.77 0.00	35.01 2.54 0.00	32.79 2.67 0.00	21.81 1.84 -0.01	56.14 2.34 -27.88	74.91 2.23 -48.10	31.03 2.36 -0.03	25.88 1.95 -0.02	23.96 1.68 -0.64	32.48 1.52 -10.51	35.11 1.40 -14.50	21.44 1.61 -0.01	52.55 1.84 -30.35	49.66 2.00 -27.26	59.32 1.81 -37.81	41.47 1.81 -20.50	34.51 1.76 -12.81	30.67 1.65 -8.52	18.80 1.39 -0.01
NYPA_VERNON____GT3 24163	23.67 1.51 0.00	23.26 1.33 0.00	22.56 1.29 0.00	24.45 1.45 0.00	24.22 1.49 0.00	24.88 1.77 0.00	35.01 2.54 0.00	32.79 2.67 0.00	21.81 1.84 -0.01	56.14 2.34 -27.88	74.91 2.23 -48.10	31.03 2.36 -0.03	25.88 1.95 -0.02	23.96 1.68 -0.64	32.48 1.52 -10.51	35.11 1.40 -14.50	21.44 1.61 -0.01	52.55 1.84 -30.35	49.66 2.00 -27.26	59.32 1.81 -37.81	41.47 1.81 -20.50	34.51 1.76 -12.81	30.67 1.65 -8.52	18.80 1.39 -0.01
NYPA__ASTORIA_CC1 323568	23.63 1.47 0.00	23.22 1.29 0.00	22.52 1.25 0.00	24.42 1.41 0.00	24.18 1.45 0.00	24.83 1.73 0.00	34.95 2.48 0.00	32.72 2.60 0.00	21.77 1.79 0.00	42.11 2.28 -13.91	50.75 2.17 -24.00	30.96 2.29 -0.01	25.81 1.90 -0.01	23.92 1.63 -0.63	32.43 1.48 -10.51	35.07 1.36 -14.50	21.40 1.57 -0.01	37.30 1.80 -15.15	35.96 1.96 -13.61	40.34 1.77 -18.87	31.17 1.77 -10.23	28.04 1.72 -6.39	26.36 1.61 -4.25	18.76 1.36 0.00
NYPA__ASTORIA_CC2 323569	23.63 1.47 0.00	23.22 1.29 0.00	22.52 1.25 0.00	24.42 1.41 0.00	24.18 1.45 0.00	24.83 1.73 0.00	34.95 2.48 0.00	32.72 2.60 0.00	21.77 1.79 0.00	42.11 2.28 -13.91	50.75 2.17 -24.00	30.96 2.29 -0.01	25.81 1.90 -0.01	23.92 1.63 -0.63	32.43 1.48 -10.51	35.07 1.36 -14.50	21.40 1.57 -0.01	37.30 1.80 -15.15	35.96 1.96 -13.61	40.34 1.77 -18.87	31.17 1.77 -10.23	28.04 1.72 -6.39	26.36 1.61 -4.25	18.76 1.36 0.00
NYPA__HOLTSVILL 23794	45.17 2.07 -20.94	23.75 1.82 0.00	23.33 1.85 -0.21	31.13 2.09 -6.03	57.80 2.12 -32.94	25.35 2.25 -0.01	35.55 3.07 0.00	111.62 2.90 -78.60	57.46 1.96 -35.53	28.47 2.55 0.00	28.70 2.62 -1.50	31.35 2.70 0.00	26.09 2.18 0.00	24.10 1.81 -0.64	34.58 1.75 -12.38	87.22 1.73 -66.28	76.20 1.94 -54.44	22.33 1.97 0.00	66.55 2.27 -43.89	36.63 2.07 -14.86	23.04 2.04 -1.83	22.63 2.01 -0.69	22.54 2.04 0.00	23.50 1.82 -4.28
NYPA__HELLGATE_GT1 24158	23.58 1.42 0.00	23.18 1.25 0.00	22.48 1.21 0.00	24.36 1.35 0.00	24.15 1.42 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.63 2.51 0.00	21.69 1.72 0.00	28.07 2.14 -0.01	26.59 2.01 -0.01	30.85 2.19 -0.01	25.75 1.83 -0.01	23.86 1.58 -0.63	32.38 1.43 -10.51	35.03 1.32 -14.50	21.30 1.47 -0.01	22.05 1.69 -0.01	22.23 1.83 -0.01	21.35 1.64 -0.01	20.86 1.69 -0.01	21.58 1.64 -0.01	22.03 1.53 -0.01	18.74 1.33 0.00
NYPA__HELLGATE_GT2 24159	23.58 1.42 0.00	23.18 1.25 0.00	22.48 1.21 0.00	24.36 1.35 0.00	24.15 1.42 0.00	24.81 1.71 0.00	34.80 2.33 0.00	32.63 2.51 0.00	21.69 1.72 0.00	28.07 2.14 -0.01	26.59 2.01 -0.01	30.85 2.19 -0.01	25.75 1.83 -0.01	23.86 1.58 -0.63	32.38 1.43 -10.51	35.03 1.32 -14.50	21.30 1.47 -0.01	22.05 1.69 -0.01	22.23 1.83 -0.01	21.35 1.64 -0.01	20.86 1.69 -0.01	21.58 1.64 -0.01	22.03 1.53 -0.01	18.74 1.33 0.00
NYS_BARGE__HYD 23848	19.07 -1.86 1.24	16.88 -1.67 3.38	16.38 -1.56 3.33	18.71 -1.61 2.68	19.04 -1.87 1.82	18.90 -1.99 2.21	26.32 -3.61 2.54	23.02 -2.92 4.18	15.88 -1.93 2.16	22.33 -2.56 1.04	21.72 -2.50 0.35	24.56 -2.95 1.14	20.89 -2.35 0.67	19.03 -2.21 0.41	17.92 -2.08 0.44	16.69 -1.71 0.82	16.09 -1.35 2.38	18.16 -1.26 0.93	14.36 -1.54 4.49	17.45 -1.69 0.56	16.11 -1.56 1.50	16.93 -1.77 1.22	16.68 -1.96 1.86	13.94 -1.52 1.94
OAK ORCHARD__HYD 24046	20.35 -1.15 0.66	19.00 -1.12 1.81	18.41 -1.08 1.79	20.48 -1.09 1.44	20.57 -1.18 0.97	20.68 -1.23 1.19	28.98 -2.09 1.40	26.20 -1.61 2.30	17.69 -1.09 1.19	23.80 -1.55 0.57	22.88 -1.50 0.19	26.18 -1.84 0.63	22.01 -1.52 0.37	20.03 -1.39 0.22	18.90 -1.30 0.24	17.74 -1.02 0.45	17.79 -0.72 1.31	19.24 -0.61 0.51	17.11 -0.81 2.47	18.46 -0.93 0.30	17.48 -0.86 0.83	18.25 -1.01 0.67	18.30 -1.17 1.02	15.41 -0.93 1.07
OAKDALE__35_KV_LOAD 356122	22.21 0.05 0.00	21.98 0.05 0.00	21.27 0.00 0.00	23.02 0.01 0.00	22.78 0.06 0.00	23.22 0.12 0.00	32.57 0.11 0.01	30.41 0.29 0.00	20.16 0.19 0.00	26.08 0.15 0.00	24.62 0.04 0.00	28.55 -0.10 0.00	23.80 -0.10 0.00	21.55 -0.10 0.00	20.33 -0.12 0.00	19.18 -0.03 0.00	19.98 0.16 0.00	20.72 0.36 0.00	20.69 0.30 0.00	19.93 0.23 0.00	19.37 0.20 0.00	20.04 0.11 0.00	20.54 0.04 0.00	17.47 0.07 0.00
OCC_CHEM__DRP 24175	19.98 -2.18 0.00	19.87 -2.06 0.00	19.28 -1.99 0.00	20.95 -2.05 0.00	20.51 -2.22 0.00	20.70 -2.40 0.00	28.24 -4.20 0.02	26.65 -3.47 0.00	17.64 -2.33 0.00	22.85 -3.07 0.00	21.57 -3.00 0.00	25.17 -3.48 0.00	21.07 -2.83 0.00	19.02 -2.63 0.00	17.97 -2.47 0.00	17.16 -2.06 0.00	18.12 -1.70 0.00	18.65 -1.70 0.00	18.47 -1.92 0.00	17.57 -2.12 0.00	17.26 -1.91 0.00	17.78 -2.15 0.00	18.24 -2.25 0.00	15.59 -1.81 0.00

OH_GEN_PROXY 24063	18.74 -2.03 1.39	16.21 -1.93 3.79	15.70 -1.84 3.73	18.12 -1.88 3.01	18.63 -2.06 2.04	18.39 -2.23 2.48	25.80 -3.83 2.84	22.33 -3.12 4.67	15.51 -2.06 2.41	22.12 -2.65 1.16	21.64 -2.54 0.39	24.40 -2.98 1.27	20.75 -2.41 0.75	18.96 -2.12 0.46	17.83 -2.12 0.49	16.51 -1.79 0.91	16.39 -1.47 1.97	17.92 -1.40 1.04	13.71 -1.66 5.02	17.26 -1.81 0.63	15.83 -1.66 1.68	16.71 -1.85 1.37	18.44 -2.03 0.02	13.61 -1.62 2.16
OLIN_CORP_DRP 24177	19.99 -2.18 0.00	19.98 -1.95 0.00	19.38 -1.89 0.00	21.06 -1.94 0.00	20.50 -2.23 0.00	20.79 -2.32 0.00	28.26 -4.18 0.02	26.63 -3.49 0.00	17.68 -2.30 0.00	22.93 -2.99 0.00	21.68 -2.90 0.00	25.25 -3.40 0.00	21.17 -2.74 0.00	19.13 -2.52 0.00	18.06 -2.39 0.00	17.20 -2.02 0.00	18.12 -1.70 0.00	18.74 -1.62 0.00	18.52 -1.88 0.00	17.67 -2.03 0.00	17.29 -1.88 0.00	17.83 -2.10 0.00	18.23 -2.26 0.00	15.66 -1.74 0.00
OLIN_CORP_DSASP 323712	18.61 -2.20 1.36	16.16 -2.07 3.71	15.67 -1.95 3.66	18.04 -2.02 2.95	18.53 -2.20 2.00	18.25 -2.42 2.43	25.50 -4.18 2.78	22.07 -3.47 4.58	15.30 -2.31 2.36	21.72 -3.06 1.14	21.20 -2.98 0.39	23.94 -3.47 1.24	20.35 -2.82 0.73	18.57 -2.63 0.45	17.49 -2.47 0.49	16.24 -2.08 0.89	15.52 -1.69 2.61	17.62 -1.71 1.02	13.51 -1.96 4.92	16.91 -2.18 0.62	15.61 -1.92 1.64	16.42 -2.16 1.34	16.16 -2.31 2.03	13.44 -1.84 2.12
ONEIDA_HERK_LFGE 323681	22.57 0.41 0.00	22.26 0.32 0.00	21.57 0.30 0.00	23.38 0.37 0.00	23.09 0.36 0.00	23.63 0.52 0.00	33.24 0.77 0.00	30.88 0.76 0.00	20.28 0.31 0.00	26.10 0.17 0.00	24.65 0.08 0.00	28.63 -0.02 0.00	23.81 -0.10 0.00	21.63 -0.02 0.00	20.45 0.01 0.00	19.29 0.07 0.00	20.02 0.20 0.00	20.79 0.43 0.00	20.81 0.42 0.00	19.99 0.30 0.00	19.30 0.21 0.08	20.14 0.16 -0.05	21.21 0.10 -0.62	18.24 0.06 -0.78
ONEIDA___115KV_TB4 55905	22.72 0.56 0.00	22.44 0.51 0.00	21.75 0.48 0.00	23.53 0.53 0.00	23.27 0.55 0.00	23.75 0.65 0.00	33.42 0.95 0.00	31.11 0.99 0.00	20.51 0.54 0.00	26.34 0.42 0.00	24.89 0.31 0.00	28.91 0.26 0.00	24.05 0.14 0.00	21.79 0.14 0.00	20.58 0.13 0.00	19.44 0.23 0.00	20.24 0.42 0.00	21.04 0.68 0.00	21.09 0.69 0.00	20.29 0.60 0.00	19.71 0.54 0.00	20.41 0.48 0.00	20.89 0.40 0.00	17.73 0.33 0.00
ONONDAGA_REF_OCCRA 23987	21.85 -0.31 0.00	21.62 -0.32 0.00	20.93 -0.34 0.00	22.63 -0.37 0.00	22.37 -0.35 0.00	22.81 -0.29 0.00	31.99 -0.47 0.01	29.94 -0.18 0.00	19.85 -0.12 0.00	25.49 -0.44 0.00	24.08 -0.49 0.00	27.96 -0.70 0.00	23.29 -0.62 0.00	21.11 -0.54 0.00	19.95 -0.50 0.00	18.83 -0.38 0.00	19.63 -0.19 0.00	20.32 -0.03 0.00	20.29 -0.10 0.00	19.53 -0.16 0.00	18.99 -0.18 0.00	19.67 -0.27 0.00	20.15 -0.34 0.00	17.16 -0.24 0.00
ONONDAGA___COGEN 23986	21.81 -0.35 0.00	21.59 -0.34 0.00	20.88 -0.39 0.00	22.56 -0.45 0.00	22.32 -0.41 0.00	22.76 -0.35 0.00	31.93 -0.54 0.01	30.04 -0.07 0.00	19.89 -0.08 0.00	25.32 -0.60 0.00	23.92 -0.66 0.00	27.78 -0.87 0.00	23.15 -0.76 0.00	20.99 -0.66 0.00	19.83 -0.61 0.00	18.73 -0.48 0.00	19.51 -0.31 0.00	20.17 -0.19 0.00	20.11 -0.28 0.00	19.38 -0.32 0.00	18.83 -0.33 0.00	19.51 -0.42 0.00	20.02 -0.48 0.00	17.06 -0.34 0.00
ONTARIO___LFGE 23819	21.80 -0.36 0.00	21.63 -0.30 0.00	20.90 -0.37 0.00	22.65 -0.36 0.00	22.44 -0.29 0.00	22.86 -0.24 0.00	31.98 -0.47 0.01	30.09 -0.03 0.00	19.90 -0.07 0.00	25.46 -0.46 0.00	23.93 -0.64 0.00	27.63 -1.02 0.00	23.12 -0.79 0.00	20.93 -0.72 0.00	19.75 -0.70 0.00	18.72 -0.49 0.00	19.68 -0.14 0.00	20.50 0.15 0.00	20.40 0.01 0.00	19.58 -0.12 0.00	19.02 -0.15 0.00	19.61 -0.32 0.00	20.09 -0.41 0.00	17.10 -0.31 0.00
ORANGEVILLE_WT_PWR 323706	18.83 -1.85 1.48	16.14 -1.76 4.03	15.59 -1.71 3.97	18.07 -1.74 3.20	18.65 -1.91 2.17	18.45 -2.01 2.64	25.90 -3.55 3.02	22.28 -2.87 4.97	15.54 -1.87 2.56	22.39 -2.30 1.24	21.94 -2.22 0.42	24.67 -2.63 1.35	20.97 -2.14 0.80	19.18 -1.99 0.48	18.02 -1.90 0.53	16.71 -1.53 0.97	15.82 -1.18 2.83	18.15 -1.09 1.11	13.60 -1.46 5.33	17.36 -1.67 0.67	15.80 -1.59 1.78	16.62 -1.85 1.45	16.18 -2.11 2.20	13.39 -1.71 2.30
ORANGEVILLE___ESR 323794	18.83 -1.85 1.48	16.14 -1.76 4.03	15.59 -1.71 3.97	18.07 -1.74 3.20	18.65 -1.91 2.17	18.45 -2.01 2.64	25.90 -3.55 3.02	22.28 -2.87 4.97	15.54 -1.87 2.56	22.39 -2.30 1.24	21.94 -2.22 0.42	24.67 -2.63 1.35	20.97 -2.14 0.80	19.18 -1.99 0.48	18.02 -1.90 0.53	16.71 -1.53 0.97	15.82 -1.18 2.83	18.15 -1.09 1.11	13.60 -1.46 5.33	17.36 -1.67 0.67	15.80 -1.59 1.78	16.62 -1.85 1.45	16.18 -2.11 2.20	13.39 -1.71 2.30
OSWEGATCHIE___HYD 24044	21.81 -0.35 0.00	21.57 -0.37 0.00	20.89 -0.38 0.00	22.66 -0.35 0.00	22.33 -0.39 0.00	22.76 -0.34 0.00	32.05 -0.42 0.00	29.64 -0.48 0.00	19.38 -0.60 0.00	24.98 -0.94 0.00	23.61 -0.96 0.00	27.61 -1.04 0.00	23.03 -0.88 0.00	20.99 -0.66 0.00	19.86 -0.59 0.00	18.65 -0.57 0.00	19.13 -0.69 0.00	19.81 -0.55 0.00	19.81 -0.59 0.00	19.04 -0.66 0.00	17.72 -0.76 0.69	19.30 -0.78 -0.14	22.45 -0.73 -2.68	20.63 -0.63 -3.86
OSWEGO___5 23606	21.41 -0.75 0.00	21.19 -0.74 0.00	20.53 -0.74 0.00	22.19 -0.81 0.00	21.93 -0.80 0.00	22.34 -0.76 0.00	31.32 -1.18 -0.03	29.01 -1.11 0.00	19.28 -0.69 0.00	24.92 -1.00 0.00	23.58 -0.99 0.00	27.41 -1.24 0.00	22.85 -1.06 0.00	20.72 -0.92 0.00	19.59 -0.86 0.00	18.47 -0.75 0.00	19.20 -0.62 0.00	19.80 -0.55 0.00	19.76 -0.63 0.00	19.05 -0.65 0.00	18.53 -0.63 0.00	19.21 -0.72 0.00	19.71 -0.78 0.00	16.81 -0.59 0.00
OSWEGO___6 23613	21.41 -0.75 0.00	21.19 -0.74 0.00	20.53 -0.74 0.00	22.19 -0.81 0.00	21.93 -0.80 0.00	22.34 -0.76 0.00	31.32 -1.18 -0.03	29.01 -1.11 0.00	19.28 -0.69 0.00	24.92 -1.00 0.00	23.58 -0.99 0.00	27.41 -1.24 0.00	22.85 -1.06 0.00	20.72 -0.92 0.00	19.59 -0.86 0.00	18.47 -0.75 0.00	19.20 -0.62 0.00	19.80 -0.55 0.00	19.76 -0.63 0.00	19.05 -0.65 0.00	18.53 -0.63 0.00	19.21 -0.72 0.00	19.71 -0.78 0.00	16.81 -0.59 0.00
OUTOKUMPU-AB___DRP 24206	20.51 -1.65 0.00	20.41 -1.52 0.00	19.81 -1.46 0.00	21.53 -1.47 0.00	21.05 -1.68 0.00	21.31 -1.79 0.00	29.14 -3.31 0.02	27.50 -2.62 0.00	18.22 -1.75 0.00	23.64 -2.29 0.00	22.32 -2.26 0.00	25.98 -2.67 0.00	21.76 -2.14 0.00	19.65 -2.00 0.00	18.58 -1.87 0.00	17.71 -1.51 0.00	18.66 -1.16 0.00	19.28 -1.08 0.00	19.07 -1.33 0.00	18.19 -1.51 0.00	17.79 -1.38 0.00	18.32 -1.60 0.00	18.74 -1.75 0.00	16.03 -1.37 0.00
OXBOW___BTM 323836	18.87 -1.92 1.37	16.40 -1.78 3.74	15.91 -1.67 3.69	18.31 -1.72 2.97	18.80 -1.91 2.01	18.55 -2.10 2.45	25.94 -3.72 2.81	22.48 -3.02 4.62	15.58 -2.01 2.38	22.12 -2.65 1.15	21.58 -2.60 0.39	24.35 -3.05 1.25	20.70 -2.46 0.74	18.90 -2.30 0.45	17.80 -2.15 0.49	16.52 -1.79 0.90	15.78 -1.41 2.63	17.94 -1.39 1.03	13.78 -1.65 4.96	17.24 -1.84 0.62	15.87 -1.64 1.66	16.70 -1.88 1.35	16.41 -2.03 2.05	13.64 -1.62 2.14

OXBOW____ 24026	20.25 -1.91 0.00	20.15 -1.78 0.00	19.55 -1.72 0.00	21.26 -1.75 0.00	20.79 -1.94 0.00	21.02 -2.08 0.00	28.71 -3.73 0.02	27.09 -3.02 0.00	17.95 -2.03 0.00	23.26 -2.66 0.00	21.96 -2.61 0.00	25.60 -3.05 0.00	21.44 -2.47 0.00	19.35 -2.30 0.00	18.29 -2.16 0.00	17.45 -1.77 0.00	18.41 -1.41 0.00	18.98 -1.37 0.00	18.79 -1.60 0.00	17.90 -1.80 0.00	17.54 -1.63 0.00	18.07 -1.86 0.00	18.51 -1.99 0.00	15.82 -1.58 0.00
OXY_CHEM_DSASP 323612	19.98 -2.18 0.00	19.87 -2.06 0.00	19.28 -1.99 0.00	20.95 -2.05 0.00	20.51 -2.22 0.00	20.70 -2.40 0.00	28.24 -4.20 0.02	26.65 -3.47 0.00	17.64 -2.33 0.00	22.85 -3.07 0.00	21.57 -3.00 0.00	25.17 -3.48 0.00	21.07 -2.83 0.00	19.02 -2.63 0.00	17.97 -2.47 0.00	17.16 -2.06 0.00	18.12 -1.70 0.00	18.65 -1.70 0.00	18.47 -1.92 0.00	17.57 -2.12 0.00	17.26 -1.91 0.00	17.78 -2.15 0.00	18.24 -2.25 0.00	15.59 -1.81 0.00
OZONE_PARK_ESR 323760	23.85 1.69 0.00	23.43 1.50 0.00	22.73 1.46 0.00	24.64 1.64 0.00	24.36 1.64 0.00	25.03 1.93 0.00	35.29 2.82 0.00	32.99 2.87 0.00	21.95 1.98 0.00	28.50 2.57 0.00	27.05 2.47 0.00	31.22 2.57 0.00	26.05 2.14 0.00	24.10 1.82 -0.63	32.61 1.65 -10.52	35.28 1.55 -14.51	21.61 1.79 0.00	22.41 2.05 0.00	22.62 2.23 0.00	21.74 2.05 0.00	21.19 2.02 0.00	21.90 1.97 0.00	22.35 1.86 0.00	18.92 1.52 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.98 -2.18 0.00	19.87 -2.06 0.00	19.28 -1.99 0.00	20.95 -2.05 0.00	20.51 -2.22 0.00	20.70 -2.40 0.00	28.24 -4.20 0.02	26.65 -3.47 0.00	17.64 -2.33 0.00	22.85 -3.07 0.00	21.57 -3.00 0.00	25.17 -3.48 0.00	21.07 -2.83 0.00	19.02 -2.63 0.00	17.97 -2.47 0.00	17.16 -2.06 0.00	18.12 -1.70 0.00	18.65 -1.70 0.00	18.47 -1.92 0.00	17.57 -2.12 0.00	17.26 -1.91 0.00	17.78 -2.15 0.00	18.24 -2.25 0.00	15.59 -1.81 0.00
PACKARD__115KV_DUPONT_184 80571	19.98 -2.18 0.00	19.87 -2.06 0.00	19.28 -1.99 0.00	20.95 -2.05 0.00	20.51 -2.22 0.00	20.70 -2.40 0.00	28.24 -4.20 0.02	26.65 -3.47 0.00	17.64 -2.33 0.00	22.85 -3.07 0.00	21.57 -3.00 0.00	25.17 -3.48 0.00	21.07 -2.83 0.00	19.02 -2.63 0.00	17.97 -2.47 0.00	17.16 -2.06 0.00	18.12 -1.70 0.00	18.65 -1.70 0.00	18.47 -1.92 0.00	17.57 -2.12 0.00	17.26 -1.91 0.00	17.78 -2.15 0.00	18.24 -2.25 0.00	15.59 -1.81 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.57 1.41 0.00	23.18 1.25 0.00	22.48 1.21 0.00	24.36 1.36 0.00	24.15 1.42 0.00	24.79 1.69 0.00	34.82 2.35 0.00	32.61 2.49 0.00	21.69 1.71 0.00	28.08 2.15 -0.01	26.63 2.05 -0.01	30.80 2.14 -0.01	25.70 1.79 -0.01	23.82 1.53 -0.63	32.33 1.38 -10.51	34.99 1.28 -14.50	21.27 1.44 -0.01	22.05 1.68 -0.01	22.23 1.83 -0.01	21.36 1.65 -0.01	20.85 1.67 -0.01	21.55 1.61 -0.01	22.00 1.51 -0.01	18.69 1.28 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.78 1.62 0.00	23.38 1.45 0.00	22.69 1.42 0.00	24.58 1.58 0.00	24.38 1.65 0.00	25.05 1.94 0.00	35.18 2.71 0.00	32.92 2.80 0.00	21.87 1.90 0.00	28.32 2.39 -0.01	26.78 2.20 -0.01	30.98 2.32 -0.01	25.86 1.94 -0.01	23.96 1.68 -0.63	32.47 1.51 -10.51	35.11 1.40 -14.50	21.39 1.56 -0.01	22.15 1.79 -0.01	22.38 1.98 -0.01	21.50 1.79 -0.01	21.10 1.92 -0.01	21.66 1.72 -0.01	22.09 1.59 -0.01	18.77 1.37 0.00
PATROON__115KV_TB1 80586	23.05 0.89 0.00	22.83 0.90 0.00	22.17 0.90 0.00	23.95 0.95 0.00	23.64 0.91 0.00	23.92 0.82 0.00	33.43 0.96 0.00	31.10 0.98 0.00	20.65 0.68 0.00	26.89 0.97 0.00	25.39 0.82 0.00	29.32 0.67 0.00	24.21 0.30 0.00	21.93 0.29 0.00	20.77 0.32 0.00	19.55 0.34 0.00	20.27 0.45 0.00	20.94 0.58 0.00	21.09 0.70 0.00	20.33 0.64 0.00	19.88 0.71 0.00	20.71 0.78 0.00	21.17 0.68 0.00	18.00 0.60 0.00
PATTRSNVILLE__SOLAR 323815	23.07 0.91 0.00	22.80 0.87 0.00	22.12 0.85 0.00	23.91 0.90 0.00	23.63 0.91 0.00	24.10 1.00 0.00	33.90 1.43 0.00	31.50 1.38 0.00	20.83 0.85 0.00	26.93 1.00 0.00	25.48 0.91 0.00	29.56 0.91 0.00	24.54 0.63 0.00	22.22 0.57 0.00	20.96 0.52 0.00	19.72 0.51 0.00	20.52 0.70 0.00	21.28 0.92 0.00	21.38 0.99 0.00	20.61 0.91 0.00	20.05 0.88 0.00	20.79 0.86 0.00	21.30 0.81 0.00	18.08 0.68 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.24 -0.92 0.00	21.11 -0.82 0.00	20.46 -0.82 0.00	22.25 -0.75 0.00	21.79 -0.94 0.00	22.09 -1.02 0.00	30.28 -2.16 0.02	28.58 -1.53 0.00	18.96 -1.02 0.00	24.63 -1.29 0.00	23.29 -1.29 0.00	27.11 -1.53 0.00	22.71 -1.19 0.00	20.53 -1.12 0.00	19.36 -1.08 0.00	18.42 -0.80 0.00	19.38 -0.44 0.00	20.03 -0.33 0.00	19.81 -0.59 0.00	18.95 -0.74 0.00	18.47 -0.69 0.00	19.06 -0.87 0.00	19.48 -1.01 0.00	16.63 -0.77 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.77 1.61 0.00	23.39 1.46 0.00	22.69 1.42 0.00	24.60 1.60 0.00	24.34 1.61 0.00	24.94 1.84 0.00	35.14 2.68 0.00	32.79 2.68 0.00	21.78 1.81 0.00	28.21 2.28 0.00	26.75 2.17 0.00	30.90 2.25 0.00	25.77 1.86 0.00	23.42 1.58 -0.18	24.93 1.43 -3.05	24.76 1.34 -4.20	21.40 1.58 0.00	22.22 1.87 0.00	22.43 2.04 0.00	21.58 1.89 0.00	21.01 1.84 0.00	21.71 1.78 0.00	22.18 1.69 0.00	18.79 1.39 0.00
PEEKSKILL____ 23653	23.50 1.34 0.00	23.10 1.17 0.00	22.43 1.15 0.00	24.31 1.30 0.00	24.05 1.33 0.00	24.64 1.53 0.00	34.71 2.24 0.00	32.37 2.26 0.00	21.53 1.55 0.00	27.91 1.99 0.00	26.49 1.92 0.00	30.61 1.96 0.00	25.51 1.60 0.00	23.75 1.35 -0.75	34.24 1.23 -12.56	37.68 1.14 -17.33	21.17 1.35 0.00	21.97 1.61 0.00	22.17 1.78 0.00	21.32 1.62 0.00	20.77 1.61 0.00	21.48 1.55 0.00	21.97 1.48 0.00	18.62 1.22 0.00
PGE MADISON__WINDPWR 24146	23.88 1.32 -0.40	24.48 1.46 -1.08	23.53 1.19 -1.07	25.19 1.33 -0.86	24.85 1.54 -0.58	25.37 1.56 -0.71	35.56 2.29 -0.80	33.68 2.20 -1.36	21.90 1.22 -0.70	27.46 1.19 -0.34	25.62 0.92 -0.11	30.02 1.00 -0.37	25.08 0.95 -0.22	22.64 0.85 -0.13	21.43 0.84 -0.14	20.41 0.93 -0.27	22.04 1.44 -0.78	22.36 1.70 -0.30	23.35 1.49 -1.47	21.12 1.23 -0.19	20.79 1.13 -0.49	21.37 1.04 -0.40	22.14 1.05 -0.61	18.95 0.91 -0.63
PIERCEFIELD__HYD 23852	21.70 -0.46 0.00	21.59 -0.34 0.00	20.93 -0.34 0.00	22.66 -0.34 0.00	22.29 -0.44 0.00	22.50 -0.60 0.00	31.73 -0.74 0.00	29.28 -0.83 0.00	19.26 -0.71 0.00	25.06 -0.87 0.00	23.76 -0.81 0.00	27.97 -0.68 0.00	23.45 -0.46 0.00	21.31 -0.34 0.00	20.13 -0.31 0.00	18.83 -0.38 0.00	19.04 -0.78 0.00	19.47 -0.88 0.00	19.54 -0.85 0.00	18.88 -0.82 0.00	17.27 -0.86 1.04	19.32 -0.81 -0.20	23.77 -0.64 -3.92	22.55 -0.53 -5.68
PINELAWN_CC_1 323563	45.08 1.99 -20.93	23.69 1.76 0.00	23.25 1.77 -0.21	31.02 1.98 -6.03	57.67 2.00 -32.94	25.25 2.15 0.00	35.45 2.99 0.00	37.70 2.87 -4.72	24.05 1.95 -2.13	28.45 2.52 0.00	28.68 2.60 -1.50	31.35 2.70 0.00	26.09 2.18 0.00	24.14 1.85 -0.64	34.64 1.82 -12.38	87.23 1.73 -66.28	41.61 1.94 -19.84	22.42 2.06 0.00	25.39 2.32 -2.69	22.71 2.12 -0.89	21.36 2.08 -0.11	22.67 2.05 -0.69	22.54 2.04 0.00	23.44 1.76 -4.28

PJM_GEN_HTP_PROXY 323702	23.60 1.44 0.00	23.19 1.26 0.00	22.50 1.23 0.00	24.40 1.39 0.00	24.13 1.40 0.00	24.78 1.68 0.00	34.92 2.45 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.17 2.25 0.00	26.75 2.17 0.00	30.87 2.22 0.00	25.74 1.83 0.00	23.84 1.55 -0.63	32.39 1.40 -10.54	35.05 1.30 -14.53	21.35 1.53 0.00	22.13 1.78 0.00	22.34 1.95 0.00	21.49 1.79 0.00	20.94 1.77 0.00	21.64 1.71 0.00	22.11 1.61 0.00	18.72 1.32 0.00
PJM_GEN_KEystone 24065	20.92 0.05 1.29	18.37 -0.03 3.53	17.79 0.00 3.48	20.30 0.10 2.80	20.88 0.06 1.90	20.91 0.11 2.31	29.85 0.00 2.62	26.08 0.28 4.32	17.96 0.21 2.23	25.14 0.29 1.07	24.49 0.28 0.36	27.61 0.14 1.17	23.31 0.09 0.69	20.34 0.01 1.33	4.91 -0.03 15.51	-2.37 0.02 21.60	17.63 0.26 2.46	19.87 0.48 0.96	16.23 0.47 4.64	19.46 0.34 0.58	17.97 0.36 1.55	18.92 0.26 1.27	18.74 0.17 1.92	15.57 0.16 2.00
PJM_GEN_NEPTUNE_PROXY 323594	44.78 1.69 -20.93	23.40 1.47 0.00	22.96 1.47 -0.21	30.70 1.66 -6.03	57.35 1.68 -32.94	24.94 1.84 0.00	35.03 2.56 0.00	32.60 2.48 0.00	21.70 1.72 0.00	28.18 2.26 0.00	28.36 2.28 -1.50	31.01 2.36 0.00	25.83 1.92 0.00	23.90 1.61 -0.64	34.37 1.54 -12.38	86.95 1.46 -66.28	39.09 1.64 -17.63	22.12 1.77 0.00	22.43 1.99 -0.05	21.52 1.82 0.00	20.97 1.80 0.00	22.39 1.78 -0.69	22.23 1.74 0.00	23.17 1.49 -4.28
PJM_GEN_VFT_PROXY 323633	23.49 1.33 0.00	23.08 1.15 0.00	22.39 1.12 0.00	24.29 1.28 0.00	24.02 1.30 0.00	24.67 1.57 0.00	34.77 2.30 0.00	32.49 2.37 0.00	21.61 1.64 0.00	28.05 2.12 0.00	26.62 2.05 0.00	30.73 2.08 0.00	25.62 1.71 0.00	23.72 1.44 -0.63	32.26 1.29 -10.52	34.93 1.20 -14.51	21.26 1.43 0.00	22.05 1.70 0.00	22.28 1.88 0.00	21.42 1.72 0.00	20.88 1.71 0.00	21.56 1.63 0.00	22.03 1.54 0.00	18.66 1.26 0.00
PLATSBRG_115KV_PMLD1 355749	22.09 -0.07 0.00	22.03 0.10 0.00	21.20 -0.08 0.00	22.92 -0.08 0.00	22.71 -0.02 0.00	23.13 0.03 0.00	32.51 0.05 0.00	29.94 -0.18 0.00	19.73 -0.24 0.00	25.83 -0.09 0.00	24.57 0.00 0.00	28.94 0.29 0.00	24.40 0.49 0.00	22.25 0.60 0.00	20.97 0.52 0.00	19.62 0.40 0.00	19.64 -0.18 0.00	20.28 -0.08 0.00	20.22 -0.17 0.00	19.19 -0.51 0.00	17.16 -0.72 1.29	15.13 -0.79 4.01	-17.57 -0.69 37.37	-21.18 -0.60 37.98
PLEASANTVLY___LBMP 24000	23.39 1.23 0.00	23.02 1.08 0.00	22.34 1.06 0.00	24.19 1.18 0.00	23.92 1.20 0.00	24.47 1.37 0.00	34.43 1.96 0.00	32.11 1.99 0.00	21.35 1.37 0.00	27.68 1.75 0.00	26.25 1.68 0.00	30.32 1.67 0.00	25.32 1.41 0.00	23.05 1.20 -0.20	24.84 1.08 -3.31	24.80 1.01 -4.57	21.02 1.20 0.00	21.78 1.42 0.00	21.96 1.57 0.00	21.13 1.43 0.00	20.59 1.42 0.00	21.31 1.38 0.00	21.81 1.31 0.00	18.48 1.08 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.54 1.38 0.00	23.15 1.22 0.00	22.47 1.20 0.00	24.36 1.36 0.00	24.09 1.36 0.00	24.67 1.57 0.00	34.74 2.28 0.00	32.41 2.29 0.00	21.56 1.59 0.00	27.96 2.03 0.00	26.54 1.97 0.00	30.65 2.00 0.00	25.57 1.66 0.00	23.52 1.39 -0.47	29.57 1.27 -7.86	31.22 1.17 -10.84	21.21 1.39 0.00	21.98 1.62 0.00	22.19 1.80 0.00	21.36 1.66 0.00	20.82 1.65 0.00	21.51 1.58 0.00	21.99 1.50 0.00	18.64 1.24 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	23.54 1.38 0.00	23.15 1.22 0.00	22.47 1.20 0.00	24.36 1.36 0.00	24.09 1.36 0.00	24.67 1.57 0.00	34.74 2.28 0.00	32.41 2.29 0.00	21.56 1.59 0.00	27.96 2.03 0.00	26.54 1.97 0.00	30.65 2.00 0.00	25.57 1.66 0.00	23.52 1.39 -0.47	29.57 1.27 -7.86	31.22 1.17 -10.84	21.21 1.39 0.00	21.98 1.62 0.00	22.19 1.80 0.00	21.36 1.66 0.00	20.82 1.65 0.00	21.51 1.58 0.00	21.99 1.50 0.00	18.64 1.24 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.58 1.42 0.00	23.20 1.27 0.00	22.51 1.24 0.00	24.39 1.39 0.00	24.11 1.39 0.00	24.69 1.58 0.00	34.76 2.29 0.00	32.44 2.32 0.00	21.54 1.57 0.00	27.88 1.96 0.00	26.43 1.85 0.00	30.53 1.88 0.00	25.49 1.58 0.00	22.99 1.34 0.00	21.63 1.19 0.00	20.34 1.13 0.00	21.18 1.36 0.00	22.02 1.66 0.00	22.20 1.81 0.00	21.38 1.69 0.00	20.79 1.63 0.00	21.50 1.57 0.00	21.98 1.49 0.00	18.62 1.22 0.00
POLETTI____ 23519	23.60 1.43 0.00	23.19 1.26 0.00	22.50 1.23 0.00	24.39 1.39 0.00	24.13 1.40 0.00	24.78 1.67 0.00	34.91 2.45 0.00	32.62 2.50 0.00	21.71 1.74 0.00	28.19 2.27 0.00	26.76 2.18 0.00	30.88 2.23 0.00	25.76 1.85 0.00	23.85 1.57 -0.63	32.38 1.41 -10.52	35.03 1.31 -14.51	21.36 1.54 0.00	22.14 1.78 0.00	22.35 1.96 0.00	21.50 1.80 0.00	20.95 1.78 0.00	21.64 1.71 0.00	22.10 1.61 0.00	18.72 1.32 0.00
POMONA___ESR 323819	23.51 1.34 0.00	23.09 1.16 0.00	22.43 1.16 0.00	24.31 1.31 0.00	24.07 1.34 0.00	24.65 1.54 0.00	34.74 2.27 0.00	32.41 2.29 0.00	21.54 1.57 0.00	27.92 2.00 0.00	26.50 1.92 0.00	30.62 1.97 0.00	25.50 1.60 0.00	22.17 1.34 0.82	7.89 1.22 13.77	1.36 1.14 19.00	21.19 1.37 0.00	22.00 1.65 0.00	22.19 1.79 0.00	21.34 1.64 0.00	20.78 1.62 0.00	21.49 1.56 0.00	21.98 1.49 0.00	18.62 1.22 0.00
PORT_JEFF_3 23555	45.26 2.15 -20.94	23.83 1.90 0.00	23.41 1.92 -0.21	31.20 2.16 -6.03	57.88 2.21 -32.94	25.44 2.33 -0.01	35.67 3.19 0.00	126.63 3.02 -93.49	64.27 2.04 -42.26	28.58 2.66 0.00	28.81 2.73 -1.50	31.47 2.82 0.00	26.19 2.28 0.00	24.18 1.89 -0.64	34.65 1.83 -12.38	87.30 1.80 -66.28	83.25 2.01 -61.42	22.39 2.03 0.00	74.92 2.33 -52.20	39.51 2.13 -17.68	23.45 2.10 -2.18	22.68 2.07 -0.69	22.62 2.12 0.00	23.56 1.88 -4.29
PORT_JEFF_4 23616	45.26 2.15 -20.94	23.83 1.90 0.00	23.41 1.92 -0.21	31.20 2.16 -6.03	57.88 2.21 -32.94	25.44 2.33 -0.01	35.67 3.19 0.00	126.63 3.02 -93.49	64.27 2.04 -42.26	28.58 2.66 0.00	28.81 2.73 -1.50	31.47 2.82 0.00	26.19 2.28 0.00	24.18 1.89 -0.64	34.65 1.83 -12.38	87.30 1.80 -66.28	83.25 2.01 -61.42	22.39 2.03 0.00	74.92 2.33 -52.20	39.51 2.13 -17.68	23.45 2.10 -2.18	22.68 2.07 -0.69	22.62 2.12 0.00	23.56 1.88 -4.29
PORT_JEFF_IC 23713	45.26 2.15 -20.94	23.83 1.90 0.00	23.40 1.92 -0.21	31.20 2.16 -6.03	57.87 2.20 -32.94	25.44 2.33 -0.01	35.67 3.19 0.00	153.21 3.01 -120.08	76.29 2.04 -54.28	28.58 2.66 0.00	28.81 2.73 -1.50	31.48 2.82 0.00	26.20 2.30 0.00	24.18 1.90 -0.64	34.66 1.83 -12.38	87.30 1.80 -66.28	95.69 2.00 -73.87	22.36 2.01 0.00	89.71 2.29 -67.02	44.50 2.09 -22.71	24.03 2.07 -2.80	22.65 2.04 -0.69	22.62 2.12 0.00	23.56 1.88 -4.29
PPL PILGRIM_ST_GT1 24216	45.28 2.19 -20.93	23.86 1.93 0.00	23.42 1.94 -0.21	31.22 2.18 -6.03	57.88 2.22 -32.94	25.45 2.34 0.00	35.72 3.25 0.00	48.30 3.09 -15.09	28.88 2.09 -6.82	28.62 2.70 0.00	28.82 2.74 -1.50	31.50 2.85 0.00	26.22 2.31 0.00	24.22 1.93 -0.64	34.72 1.90 -12.38	87.33 1.83 -66.28	46.59 2.07 -24.70	22.49 2.13 0.00	31.28 2.41 -8.47	24.78 2.23 -2.85	21.70 2.18 -0.35	22.77 2.15 -0.69	22.64 2.15 0.00	23.57 1.89 -4.28

PPL PILGRIM_ST_GT2 24217	45.28 2.19 -20.93	23.86 1.93 0.00	23.42 1.94 -0.21	31.22 2.18 -6.03	57.88 2.22 -32.94	25.45 2.34 0.00	35.72 3.25 0.00	48.30 3.09 -15.09	28.88 2.09 -6.82	28.62 2.70 0.00	28.82 2.74 -1.50	31.50 2.85 0.00	26.22 2.31 0.00	24.22 1.93 -0.64	34.72 1.90 -12.38	87.33 1.83 -66.28	46.59 2.07 -24.70	22.49 2.13 0.00	31.28 2.41 -8.47	24.78 2.23 -2.85	21.70 2.18 -0.35	22.77 2.15 -0.69	22.64 2.15 0.00	23.57 1.89 -4.28
PPL_SHRM_GT3 24213	45.36 2.26 -20.94	23.93 2.00 0.00	23.51 2.03 -0.21	31.32 2.28 -6.03	57.99 2.32 -32.94	25.54 2.43 -0.01	35.77 3.30 0.00	127.67 3.10 -94.45	64.72 2.06 -42.69	28.58 2.66 0.00	28.86 2.78 -1.50	31.53 2.88 0.00	26.23 2.32 0.00	24.20 1.92 -0.64	34.65 1.82 -12.38	87.34 1.85 -66.28	83.76 2.07 -61.87	22.41 2.06 0.00	75.56 2.44 -52.73	39.80 2.24 -17.86	23.57 2.20 -2.20	22.78 2.16 -0.69	22.68 2.18 0.00	23.65 1.96 -4.29
PPL_SHRM_GT4 24214	45.36 2.26 -20.94	23.93 2.00 0.00	23.51 2.03 -0.21	31.32 2.28 -6.03	57.99 2.32 -32.94	25.54 2.43 -0.01	35.77 3.30 0.00	127.67 3.10 -94.45	64.72 2.06 -42.69	28.58 2.66 0.00	28.86 2.78 -1.50	31.53 2.88 0.00	26.23 2.32 0.00	24.20 1.92 -0.64	34.65 1.82 -12.38	87.34 1.85 -66.28	83.76 2.07 -61.87	22.41 2.06 0.00	75.56 2.44 -52.73	39.80 2.24 -17.86	23.57 2.20 -2.20	22.78 2.16 -0.69	22.68 2.18 0.00	23.65 1.96 -4.29
PROJECT___ORANGE 1 24174	21.66 -0.50 0.00	21.42 -0.51 0.00	20.76 -0.51 0.00	22.44 -0.57 0.00	22.17 -0.55 0.00	22.61 -0.50 0.00	31.68 -0.78 0.01	29.61 -0.51 0.00	19.65 -0.32 0.00	25.29 -0.64 0.00	23.91 -0.66 0.00	27.76 -0.89 0.00	23.13 -0.78 0.00	20.97 -0.68 0.00	19.82 -0.63 0.00	18.71 -0.50 0.00	19.51 -0.32 0.00	20.17 -0.19 0.00	20.11 -0.28 0.00	19.37 -0.34 0.00	18.83 -0.34 0.00	19.50 -0.43 0.00	19.98 -0.51 0.00	17.02 -0.38 0.00
PROJECT___ORANGE 2 24166	21.66 -0.50 0.00	21.42 -0.51 0.00	20.76 -0.51 0.00	22.44 -0.57 0.00	22.17 -0.55 0.00	22.61 -0.50 0.00	31.68 -0.78 0.01	29.61 -0.51 0.00	19.65 -0.32 0.00	25.29 -0.64 0.00	23.91 -0.66 0.00	27.76 -0.89 0.00	23.13 -0.78 0.00	20.97 -0.68 0.00	19.82 -0.63 0.00	18.71 -0.50 0.00	19.51 -0.32 0.00	20.17 -0.19 0.00	20.11 -0.28 0.00	19.37 -0.34 0.00	18.83 -0.34 0.00	19.50 -0.43 0.00	19.98 -0.51 0.00	17.02 -0.38 0.00
PUCKETT___SOLAR 323809	23.10 0.39 -0.55	23.90 0.47 -1.49	23.06 0.32 -1.47	24.56 0.37 -1.19	24.01 0.48 -0.80	24.55 0.47 -0.98	34.25 0.68 -1.10	32.74 0.75 -1.87	21.34 0.41 -0.96	26.71 0.32 -0.46	24.88 0.15 -0.16	29.19 0.03 -0.51	24.23 0.02 -0.30	21.83 -0.01 -0.18	20.63 -0.02 -0.20	19.69 0.11 -0.37	21.30 0.42 -1.07	21.45 0.68 -0.42	22.98 0.58 -2.01	20.42 0.46 -0.25	20.26 0.42 -0.67	20.83 0.36 -0.55	21.65 0.33 -0.83	18.60 0.33 -0.86
PYRITES___HYD 24023	22.17 0.01 0.00	22.08 0.14 0.00	21.42 0.14 0.00	23.18 0.17 0.00	22.85 0.12 0.00	23.08 -0.03 0.00	32.59 0.12 0.00	30.10 -0.02 0.00	19.75 -0.23 0.00	25.64 -0.29 0.00	24.27 -0.30 0.00	28.54 -0.11 0.00	23.91 0.01 0.00	21.77 0.12 0.00	20.58 0.14 0.00	19.25 0.04 0.00	19.43 -0.39 0.00	19.92 -0.43 0.00	20.07 -0.33 0.00	19.41 -0.29 0.00	17.75 -0.35 1.07	19.80 -0.27 -0.14	23.68 -0.11 -3.30	22.35 -0.12 -5.07
QUAKERRD_115KV_BK1 80622	20.68 -1.48 0.00	20.47 -1.46 0.00	19.84 -1.44 0.00	21.51 -1.50 0.00	21.19 -1.53 0.00	21.53 -1.57 0.00	30.00 -2.45 0.02	28.13 -1.98 0.00	18.63 -1.34 0.00	24.04 -1.88 0.00	22.74 -1.84 0.00	26.41 -2.25 0.00	22.02 -1.88 0.00	19.96 -1.70 0.00	18.87 -1.58 0.00	17.91 -1.31 0.00	18.75 -1.07 0.00	19.41 -0.95 0.00	19.28 -1.11 0.00	18.48 -1.21 0.00	18.02 -1.15 0.00	18.63 -1.30 0.00	19.05 -1.45 0.00	16.23 -1.18 0.00
QUENSBRY_115KV_TB8 356137	23.20 1.04 0.00	22.88 0.95 0.00	22.18 0.90 0.00	23.87 0.87 0.00	23.69 0.96 0.00	24.20 1.10 0.00	34.10 1.64 0.00	31.65 1.53 0.00	20.89 0.92 0.00	27.12 1.20 0.00	25.62 1.05 0.00	29.48 0.83 0.00	24.33 0.42 0.00	22.03 0.38 0.00	20.88 0.44 0.00	19.76 0.54 0.00	20.65 0.83 0.00	21.40 1.05 0.00	21.57 1.17 0.00	20.83 1.13 0.00	20.19 1.02 0.00	20.88 0.95 0.00	21.40 0.91 0.00	18.16 0.76 0.00
RAMAPO___LBMP 323565	23.42 1.25 0.00	23.02 1.08 0.00	22.35 1.07 0.00	24.23 1.23 0.00	23.99 1.26 0.00	24.55 1.45 0.00	34.59 2.13 0.00	32.27 2.15 0.00	21.45 1.48 0.00	27.80 1.88 0.00	26.39 1.81 0.00	30.48 1.83 0.00	25.39 1.48 0.00	22.10 1.24 0.79	8.32 1.12 13.25	1.98 1.03 18.27	21.07 1.25 0.00	21.89 1.53 0.00	22.08 1.69 0.00	21.24 1.54 0.00	20.69 1.52 0.00	21.40 1.47 0.00	21.89 1.40 0.00	18.55 1.15 0.00
RANKINE____ 23646	20.73 -1.43 0.00	20.59 -1.34 0.00	19.96 -1.32 0.00	21.70 -1.31 0.00	21.24 -1.49 0.00	21.53 -1.58 0.00	29.51 -2.94 0.02	27.84 -2.27 0.00	18.48 -1.50 0.00	24.03 -1.89 0.00	22.71 -1.86 0.00	26.45 -2.20 0.00	22.14 -1.76 0.00	20.02 -1.63 0.00	18.89 -1.56 0.00	17.98 -1.23 0.00	18.92 -0.90 0.00	19.58 -0.78 0.00	19.34 -1.05 0.00	18.49 -1.21 0.00	18.02 -1.15 0.00	18.57 -1.36 0.00	18.96 -1.54 0.00	16.19 -1.22 0.00
RAVENSWOOD_GT2_1 24244	23.63 1.46 0.00	23.21 1.28 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.16 1.43 0.00	24.81 1.71 0.00	34.95 2.48 0.00	32.65 2.54 0.00	21.73 1.76 0.00	28.20 2.27 0.00	26.76 2.19 0.00	30.90 2.25 0.00	25.77 1.86 0.00	23.86 1.58 -0.63	32.38 1.42 -10.51	35.03 1.32 -14.50	21.37 1.55 0.00	22.15 1.80 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.74 1.34 0.00
RAVENSWOOD_GT2_2 24245	23.63 1.46 0.00	23.21 1.28 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.16 1.43 0.00	24.81 1.71 0.00	34.95 2.48 0.00	32.65 2.54 0.00	21.73 1.76 0.00	28.20 2.27 0.00	26.76 2.19 0.00	30.90 2.25 0.00	25.77 1.86 0.00	23.86 1.58 -0.63	32.38 1.42 -10.51	35.03 1.32 -14.50	21.37 1.55 0.00	22.15 1.80 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.74 1.34 0.00
RAVENSWOOD_GT2_3 24246	23.64 1.47 0.00	23.22 1.29 0.00	22.54 1.27 0.00	24.43 1.43 0.00	24.16 1.44 0.00	24.82 1.71 0.00	34.96 2.49 0.00	32.66 2.54 0.00	21.73 1.76 0.00	28.20 2.28 0.00	26.77 2.20 0.00	30.90 2.25 0.00	25.77 1.86 0.00	23.86 1.58 -0.63	32.38 1.43 -10.51	35.03 1.33 -14.49	21.37 1.55 0.00	22.16 1.80 0.00	22.37 1.97 0.00	21.51 1.81 0.00	20.96 1.79 0.00	21.66 1.73 0.00	22.13 1.63 0.00	18.74 1.34 0.00
RAVENSWOOD_GT2_4 24247	23.64 1.47 0.00	23.22 1.29 0.00	22.54 1.27 0.00	24.43 1.43 0.00	24.16 1.44 0.00	24.82 1.71 0.00	34.96 2.49 0.00	32.66 2.54 0.00	21.73 1.76 0.00	28.20 2.28 0.00	26.77 2.20 0.00	30.90 2.25 0.00	25.77 1.86 0.00	23.86 1.58 -0.63	32.38 1.43 -10.51	35.03 1.33 -14.49	21.37 1.55 0.00	22.16 1.80 0.00	22.37 1.97 0.00	21.51 1.81 0.00	20.96 1.79 0.00	21.66 1.73 0.00	22.13 1.63 0.00	18.74 1.34 0.00

RAVENSWOOD_GT3_1 24248	23.63 1.46 0.00	23.21 1.28 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.16 1.43 0.00	24.81 1.71 0.00	34.95 2.48 0.00	32.65 2.54 0.00	21.73 1.76 0.00	28.20 2.27 0.00	26.77 2.19 0.00	30.90 2.25 0.00	25.77 1.86 0.00	23.86 1.58 -0.63	32.38 1.42 -10.51	35.03 1.32 -14.50	21.37 1.55 0.00	22.15 1.80 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.74 1.34 0.00
RAVENSWOOD_GT3_2 24249	23.63 1.46 0.00	23.21 1.28 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.16 1.43 0.00	24.81 1.71 0.00	34.95 2.48 0.00	32.65 2.54 0.00	21.73 1.76 0.00	28.20 2.27 0.00	26.77 2.19 0.00	30.90 2.25 0.00	25.77 1.86 0.00	23.86 1.58 -0.63	32.38 1.42 -10.51	35.03 1.32 -14.50	21.37 1.55 0.00	22.15 1.80 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.74 1.34 0.00
RAVENSWOOD_GT3_3 24250	23.66 1.50 0.00	23.25 1.32 0.00	22.56 1.29 0.00	24.46 1.45 0.00	24.19 1.46 0.00	24.84 1.74 0.00	34.99 2.53 0.00	32.70 2.58 0.00	21.76 1.79 0.00	28.24 2.31 0.00	26.81 2.24 0.00	30.94 2.29 0.00	25.81 1.90 0.00	23.89 1.61 -0.63	32.41 1.46 -10.51	35.07 1.36 -14.49	21.40 1.58 0.00	22.18 1.83 0.00	22.39 2.00 0.00	21.54 1.84 0.00	20.98 1.82 0.00	21.68 1.75 0.00	22.15 1.66 0.00	18.76 1.36 0.00
RAVENSWOOD_GT3_4 24251	23.66 1.50 0.00	23.25 1.32 0.00	22.56 1.29 0.00	24.46 1.45 0.00	24.19 1.46 0.00	24.84 1.74 0.00	34.99 2.53 0.00	32.70 2.58 0.00	21.76 1.79 0.00	28.24 2.31 0.00	26.81 2.24 0.00	30.94 2.29 0.00	25.81 1.90 0.00	23.89 1.61 -0.63	32.41 1.46 -10.51	35.07 1.36 -14.49	21.40 1.58 0.00	22.18 1.83 0.00	22.39 2.00 0.00	21.54 1.84 0.00	20.98 1.82 0.00	21.68 1.75 0.00	22.15 1.66 0.00	18.76 1.36 0.00
RAVENSWOOD_GT_1 23729	23.67 1.51 0.00	23.26 1.33 0.00	22.57 1.29 0.00	24.46 1.45 0.00	24.22 1.49 0.00	24.88 1.78 0.00	35.02 2.55 0.00	32.79 2.67 0.00	21.82 1.84 -0.01	56.16 2.35 -27.88	74.93 2.25 -48.10	31.04 2.36 -0.03	25.89 1.96 -0.02	23.96 1.67 -0.64	32.48 1.52 -10.51	35.11 1.40 -14.50	21.44 1.61 -0.01	52.56 1.85 -30.35	49.65 2.00 -27.26	59.32 1.81 -37.81	41.47 1.81 -20.50	34.51 1.76 -12.81	30.67 1.65 -8.52	18.79 1.39 -0.01
RAVENSWOOD_GT_10 24258	23.63 1.46 0.00	23.22 1.28 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.16 1.43 0.00	24.81 1.71 0.00	34.95 2.48 0.00	32.65 2.54 0.00	21.73 1.76 0.00	28.20 2.28 0.00	26.77 2.19 0.00	30.90 2.25 0.00	25.77 1.86 0.00	23.86 1.58 -0.63	32.38 1.43 -10.51	35.03 1.32 -14.50	21.37 1.55 0.00	22.15 1.80 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.74 1.34 0.00
RAVENSWOOD_GT_11 24259	23.63 1.46 0.00	23.22 1.28 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.16 1.43 0.00	24.81 1.71 0.00	34.95 2.48 0.00	32.65 2.54 0.00	21.73 1.76 0.00	28.20 2.28 0.00	26.77 2.19 0.00	30.90 2.25 0.00	25.77 1.86 0.00	23.86 1.58 -0.63	32.38 1.43 -10.51	35.03 1.32 -14.50	21.37 1.55 0.00	22.15 1.80 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.74 1.34 0.00
RAVENSWOOD_GT_4 24252	23.62 1.46 0.00	23.21 1.28 0.00	22.53 1.25 0.00	24.42 1.42 0.00	24.16 1.43 0.00	24.80 1.70 0.00	34.95 2.48 0.00	32.64 2.53 0.00	21.72 1.75 0.00	28.19 2.27 0.00	26.76 2.18 0.00	30.89 2.24 0.00	25.76 1.85 0.00	23.85 1.57 -0.63	32.37 1.42 -10.51	35.03 1.32 -14.50	21.37 1.55 0.00	22.15 1.79 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.73 1.34 0.00
RAVENSWOOD_GT_5 24254	23.62 1.46 0.00	23.21 1.28 0.00	22.53 1.25 0.00	24.42 1.42 0.00	24.16 1.43 0.00	24.80 1.70 0.00	34.95 2.48 0.00	32.64 2.53 0.00	21.72 1.75 0.00	28.19 2.27 0.00	26.76 2.18 0.00	30.89 2.24 0.00	25.76 1.85 0.00	23.85 1.57 -0.63	32.37 1.42 -10.51	35.03 1.32 -14.50	21.37 1.55 0.00	22.15 1.79 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.73 1.34 0.00
RAVENSWOOD_GT_6 24253	23.62 1.46 0.00	23.21 1.28 0.00	22.53 1.25 0.00	24.42 1.42 0.00	24.16 1.43 0.00	24.80 1.70 0.00	34.95 2.48 0.00	32.64 2.53 0.00	21.72 1.75 0.00	28.19 2.27 0.00	26.76 2.18 0.00	30.89 2.24 0.00	25.76 1.85 0.00	23.85 1.57 -0.63	32.37 1.42 -10.51	35.03 1.32 -14.50	21.37 1.55 0.00	22.15 1.79 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.73 1.34 0.00
RAVENSWOOD_GT_7 24255	23.62 1.46 0.00	23.21 1.28 0.00	22.53 1.25 0.00	24.42 1.42 0.00	24.16 1.43 0.00	24.80 1.70 0.00	34.95 2.48 0.00	32.64 2.53 0.00	21.72 1.75 0.00	28.19 2.27 0.00	26.76 2.18 0.00	30.89 2.24 0.00	25.76 1.85 0.00	23.85 1.57 -0.63	32.37 1.42 -10.51	35.03 1.32 -14.50	21.37 1.55 0.00	22.15 1.79 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.73 1.34 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.63 1.46 0.00	23.22 1.28 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.16 1.43 0.00	24.81 1.71 0.00	34.95 2.48 0.00	32.65 2.54 0.00	21.73 1.76 0.00	28.20 2.28 0.00	26.77 2.19 0.00	30.90 2.25 0.00	25.77 1.86 0.00	23.86 1.58 -0.63	32.38 1.43 -10.51	35.03 1.32 -14.50	21.37 1.55 0.00	22.15 1.80 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.74 1.34 0.00
RAVENSWOOD_GT_9 24257	23.63 1.46 0.00	23.22 1.28 0.00	22.53 1.26 0.00	24.42 1.42 0.00	24.16 1.43 0.00	24.81 1.71 0.00	34.95 2.48 0.00	32.65 2.54 0.00	21.73 1.76 0.00	28.20 2.28 0.00	26.77 2.19 0.00	30.90 2.25 0.00	25.77 1.86 0.00	23.86 1.58 -0.63	32.38 1.43 -10.51	35.03 1.32 -14.50	21.37 1.55 0.00	22.15 1.80 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.74 1.34 0.00
RAVENSWOOD___1 23533	23.66 1.50 0.00	23.25 1.32 0.00	22.55 1.28 0.00	24.45 1.44 0.00	24.20 1.48 0.00	24.86 1.76 0.00	35.00 2.53 0.00	32.76 2.64 0.00	21.79 1.82 0.00	42.28 2.32 -14.04	51.01 2.22 -24.22	30.99 2.33 -0.01	25.85 1.93 -0.01	23.94 1.66 -0.63	32.46 1.50 -10.51	35.10 1.39 -14.50	21.42 1.60 -0.01	37.47 1.83 -15.28	36.11 1.99 -13.73	40.54 1.80 -19.04	31.28 1.80 -10.32	28.13 1.75 -6.45	26.42 1.64 -4.29	18.78 1.38 0.00
RAVENSWOOD___2 23534	23.64 1.48 0.00	23.24 1.31 0.00	22.54 1.27 0.00	24.43 1.43 0.00	24.19 1.46 0.00	24.84 1.73 0.00	34.97 2.50 0.00	32.73 2.61 0.00	21.77 1.80 0.00	28.22 2.30 0.00	26.77 2.20 0.00	30.96 2.31 0.00	25.82 1.91 0.00	23.91 1.63 -0.63	32.44 1.48 -10.51	35.08 1.37 -14.50	21.40 1.58 0.00	22.17 1.81 0.00	22.37 1.98 0.00	21.49 1.79 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.13 1.63 0.00	18.77 1.37 0.00

RAVENSWOOD___3 23535	23.62 1.46 0.00	23.22 1.29 0.00	22.52 1.25 0.00	24.42 1.42 0.00	24.15 1.43 0.00	24.80 1.70 0.00	34.95 2.48 0.00	32.65 2.54 0.00	21.72 1.75 0.00	28.19 2.27 0.00	26.76 2.19 0.00	30.89 2.24 0.00	25.76 1.85 0.00	23.85 1.57 -0.63	32.38 1.42 -10.51	35.03 1.32 -14.49	21.37 1.55 0.00	22.14 1.79 0.00	22.36 1.97 0.00	21.50 1.80 0.00	20.95 1.79 0.00	21.66 1.72 0.00	22.12 1.63 0.00	18.74 1.34 0.00
RAVENSWOOD___4 23820	23.64 1.48 0.00	23.24 1.31 0.00	22.54 1.27 0.00	24.43 1.43 0.00	24.19 1.46 0.00	24.84 1.73 0.00	34.97 2.50 0.00	32.73 2.61 0.00	21.77 1.80 0.00	28.22 2.30 0.00	26.77 2.20 0.00	30.96 2.31 0.00	25.82 1.91 0.00	23.91 1.63 -0.63	32.44 1.48 -10.51	35.08 1.37 -14.50	21.40 1.58 0.00	22.17 1.81 0.00	22.37 1.98 0.00	21.49 1.79 0.00	20.95 1.79 0.00	21.66 1.73 0.00	22.13 1.63 0.00	18.77 1.37 0.00
RCPL_TRUST___DRP 24196	23.62 1.46 0.00	23.21 1.28 0.00	22.52 1.25 0.00	24.42 1.42 0.00	24.15 1.42 0.00	24.81 1.71 0.00	34.97 2.50 0.00	32.67 2.55 0.00	21.74 1.77 0.00	28.24 2.31 0.00	26.80 2.23 0.00	30.93 2.28 0.00	25.80 1.89 0.00	23.88 1.60 -0.63	32.43 1.45 -10.54	35.10 1.35 -14.53	21.39 1.57 0.00	22.18 1.82 0.00	22.38 1.99 0.00	21.52 1.82 0.00	20.97 1.81 0.00	21.67 1.74 0.00	22.14 1.65 0.00	18.74 1.34 0.00
RED___ROCHESTER 323720	20.47 -1.02 0.67	19.11 -1.00 1.82	18.51 -0.96 1.80	20.59 -0.97 1.45	20.69 -1.06 0.98	20.81 -1.10 1.19	29.17 -1.89 1.40	26.39 -1.42 2.31	17.81 -0.97 1.19	23.95 -1.40 0.58	23.02 -1.36 0.19	26.34 -1.69 0.63	22.13 -1.41 0.37	20.15 -1.28 0.23	19.02 -1.18 0.25	17.86 -0.91 0.45	17.91 -0.60 1.32	19.37 -0.47 0.51	17.24 -0.67 2.48	18.60 -0.80 0.30	17.61 -0.73 0.83	18.37 -0.88 0.68	18.42 -1.05 1.02	15.49 -0.84 1.07
REGAN___SOLAR 323812	24.27 2.11 0.00	24.01 2.08 0.00	23.31 2.04 0.00	25.19 2.19 0.00	24.93 2.20 0.00	25.53 2.43 0.00	36.08 3.61 0.00	33.51 3.39 0.00	21.68 1.70 0.00	27.20 1.27 0.00	25.48 0.90 0.00	30.03 1.38 0.00	25.20 1.29 0.00	22.82 1.17 0.00	21.07 0.62 0.00	19.88 0.67 0.00	21.11 1.29 0.00	22.58 2.23 0.00	22.78 2.38 0.00	21.92 2.22 0.00	21.24 2.08 0.00	21.94 2.01 0.00	22.43 1.94 0.00	19.02 1.62 0.00
RENSSELAER___COGEN 23796	22.96 0.80 0.00	22.74 0.81 0.00	22.08 0.81 0.00	23.86 0.86 0.00	23.55 0.83 0.00	23.82 0.72 0.00	33.28 0.81 0.00	30.95 0.83 0.00	20.55 0.58 0.00	26.76 0.84 0.00	25.28 0.70 0.00	29.17 0.52 0.00	24.09 0.19 0.00	21.83 0.18 0.00	20.65 0.20 0.00	19.44 0.23 0.00	20.15 0.33 0.00	20.81 0.45 0.00	20.98 0.59 0.00	20.23 0.53 0.00	19.78 0.61 0.00	20.61 0.68 0.00	21.08 0.58 0.00	17.92 0.52 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.33 2.16 0.00	23.96 2.03 0.00	23.21 1.94 0.00	24.86 1.85 0.00	24.69 1.96 0.00	25.25 2.15 0.00	35.76 3.29 0.00	33.11 2.99 0.00	21.77 1.79 0.00	28.17 2.24 0.00	26.58 2.00 0.00	30.18 1.53 0.00	24.84 0.93 0.00	22.56 0.90 0.00	21.59 1.14 0.00	20.55 1.34 0.00	21.56 1.74 0.00	22.39 2.04 0.00	22.62 2.22 0.00	21.94 2.24 0.00	21.01 1.84 0.00	21.66 1.73 0.00	22.29 1.80 0.00	18.98 1.59 0.00
REVERE_CPPR_DRP 24186	22.94 0.78 0.00	22.64 0.70 0.00	21.93 0.66 0.00	23.74 0.73 0.00	23.47 0.74 0.00	23.99 0.89 0.00	33.77 1.31 0.00	31.43 1.31 0.00	20.68 0.70 0.00	26.54 0.61 0.00	25.05 0.48 0.00	29.08 0.43 0.00	24.19 0.28 0.00	21.93 0.28 0.00	20.72 0.27 0.00	19.59 0.37 0.00	20.39 0.57 0.00	21.23 0.88 0.00	21.29 0.90 0.00	20.47 0.77 0.00	19.82 0.68 0.04	20.55 0.63 0.01	20.99 0.55 0.05	17.84 0.44 0.00
REYNOLDS_115KV_TB3 80639	23.09 0.93 0.00	22.85 0.92 0.00	22.19 0.91 0.00	23.98 0.97 0.00	23.68 0.95 0.00	24.01 0.90 0.00	33.57 1.10 0.00	31.22 1.10 0.00	20.76 0.78 0.00	27.01 1.09 0.00	25.54 0.96 0.00	29.48 0.83 0.00	24.29 0.38 0.00	21.99 0.34 0.00	20.80 0.36 0.00	19.58 0.36 0.00	20.31 0.49 0.00	20.97 0.62 0.00	21.12 0.73 0.00	20.37 0.67 0.00	19.89 0.73 0.00	20.69 0.76 0.00	21.17 0.68 0.00	17.99 0.59 0.00
RIVERBAY____ 323610	23.78 1.62 0.00	23.38 1.45 0.00	22.69 1.42 0.00	24.58 1.58 0.00	24.38 1.65 0.00	25.05 1.94 0.00	35.18 2.71 0.00	32.92 2.80 0.00	21.87 1.90 0.00	28.32 2.39 -0.01	26.78 2.20 -0.01	30.98 2.32 -0.01	25.86 1.94 -0.01	23.96 1.68 -0.63	32.47 1.51 -10.51	35.11 1.40 -14.50	21.39 1.56 -0.01	22.15 1.79 -0.01	22.38 1.98 -0.01	21.50 1.79 -0.01	21.10 1.92 -0.01	21.66 1.72 -0.01	22.09 1.59 -0.01	18.77 1.37 0.00
RIVERSDE_115KV_TB3 55908	23.04 0.88 0.00	22.81 0.88 0.00	22.15 0.88 0.00	23.94 0.94 0.00	23.63 0.91 0.00	23.92 0.82 0.00	33.44 0.97 0.00	31.10 0.98 0.00	20.67 0.69 0.00	26.91 0.98 0.00	25.42 0.84 0.00	29.34 0.69 0.00	24.20 0.30 0.00	21.92 0.27 0.00	20.75 0.30 0.00	19.53 0.32 0.00	20.25 0.42 0.00	20.91 0.55 0.00	21.06 0.67 0.00	20.31 0.61 0.00	19.85 0.69 0.00	20.67 0.74 0.00	21.14 0.64 0.00	17.97 0.57 0.00
ROARING___BROOK_WT_PWR 323790	21.55 -0.61 0.00	21.29 -0.64 0.00	20.67 -0.60 0.00	22.45 -0.55 0.00	22.18 -0.55 0.00	22.52 -0.58 0.00	31.76 -0.70 0.00	29.24 -0.88 0.00	19.35 -0.62 0.00	25.16 -0.76 0.00	23.84 -0.74 0.00	27.96 -0.69 0.00	23.45 -0.46 0.00	21.32 -0.33 0.00	20.16 -0.29 0.00	18.94 -0.28 0.00	19.45 -0.37 0.00	19.88 -0.48 0.00	19.77 -0.62 0.00	19.00 -0.69 0.00	16.19 -0.75 2.23	18.45 -0.76 0.72	16.72 -0.74 3.03	16.76 -0.64 0.00
ROCHESRG_115KV_T4 355643	20.92 -1.25 0.00	20.72 -1.22 0.00	20.08 -1.19 0.00	21.79 -1.21 0.00	21.43 -1.29 0.00	21.76 -1.34 0.00	30.20 -2.25 0.02	28.35 -1.77 0.00	18.79 -1.18 0.00	24.27 -1.65 0.00	22.97 -1.60 0.00	26.70 -1.95 0.00	22.29 -1.62 0.00	20.18 -1.47 0.00	19.07 -1.38 0.00	18.12 -1.09 0.00	19.00 -0.82 0.00	19.65 -0.70 0.00	19.51 -0.89 0.00	18.68 -1.02 0.00	18.22 -0.94 0.00	18.84 -1.09 0.00	19.25 -1.25 0.00	16.41 -0.99 0.00
ROCHESTER_9_IC 23652	21.04 -1.13 0.00	20.83 -1.10 0.00	20.19 -1.08 0.00	21.92 -1.09 0.00	21.56 -1.16 0.00	21.89 -1.22 0.00	30.40 -2.05 0.02	28.54 -1.58 0.00	18.90 -1.07 0.00	24.41 -1.52 0.00	23.10 -1.47 0.00	26.84 -1.81 0.00	22.41 -1.50 0.00	20.29 -1.36 0.00	19.18 -1.27 0.00	18.23 -0.99 0.00	19.12 -0.70 0.00	19.78 -0.57 0.00	19.63 -0.76 0.00	18.81 -0.89 0.00	18.34 -0.82 0.00	18.96 -0.98 0.00	19.36 -1.13 0.00	16.50 -0.90 0.00
ROCKVIEW_13_KV_LD 356306	23.64 1.48 0.00	23.23 1.30 0.00	22.55 1.28 0.00	24.44 1.44 0.00	24.18 1.45 0.00	24.78 1.67 0.00	34.90 2.44 0.00	32.57 2.46 0.00	21.67 1.69 0.00	28.11 2.19 0.00	26.70 2.13 0.00	30.82 2.17 0.00	25.71 1.80 0.00	23.80 1.53 -0.63	32.36 1.39 -10.52	35.02 1.30 -14.51	21.33 1.51 0.00	22.11 1.76 0.00	22.33 1.94 0.00	21.49 1.79 0.00	20.94 1.77 0.00	21.63 1.70 0.00	22.11 1.62 0.00	18.73 1.33 0.00

ROME____115KV_TB2 80656	22.94 0.78 0.00	22.64 0.70 0.00	21.93 0.66 0.00	23.74 0.73 0.00	23.47 0.74 0.00	23.99 0.89 0.00	33.77 1.31 0.00	31.43 1.31 0.00	20.68 0.70 0.00	26.54 0.61 0.00	25.05 0.48 0.00	29.08 0.43 0.00	24.19 0.28 0.00	21.93 0.28 0.00	20.72 0.27 0.00	19.59 0.37 0.00	20.39 0.57 0.00	21.23 0.88 0.00	21.29 0.90 0.00	20.47 0.77 0.00	19.82 0.68 0.04	20.55 0.63 0.01	20.99 0.55 0.05	17.84 0.44 0.00
ROSETON____1 23587	23.35 1.19 0.00	22.98 1.05 0.00	22.30 1.03 0.00	24.16 1.15 0.00	23.89 1.16 0.00	24.44 1.34 0.00	34.41 1.94 0.00	32.08 1.97 0.00	21.32 1.35 0.00	27.66 1.73 0.00	26.23 1.65 0.00	30.31 1.66 0.00	25.27 1.37 0.00	22.81 1.15 0.00	21.49 1.04 0.00	20.19 0.98 0.00	20.99 1.16 0.00	21.75 1.40 0.00	21.93 1.54 0.00	21.11 1.41 0.00	20.57 1.40 0.00	21.28 1.35 0.00	21.78 1.28 0.00	18.46 1.06 0.00
ROSETON____2 23588	23.35 1.19 0.00	22.98 1.05 0.00	22.30 1.03 0.00	24.16 1.15 0.00	23.89 1.16 0.00	24.44 1.34 0.00	34.41 1.94 0.00	32.08 1.97 0.00	21.32 1.35 0.00	27.66 1.73 0.00	26.23 1.65 0.00	30.31 1.66 0.00	25.27 1.37 0.00	22.81 1.15 0.00	21.49 1.04 0.00	20.19 0.98 0.00	20.99 1.16 0.00	21.75 1.40 0.00	21.93 1.54 0.00	21.11 1.41 0.00	20.57 1.40 0.00	21.28 1.35 0.00	21.78 1.28 0.00	18.46 1.06 0.00
ROTTRDAM_115KV_TB3 80664	22.99 0.82 0.00	22.70 0.77 0.00	22.03 0.76 0.00	23.80 0.80 0.00	23.53 0.81 0.00	23.99 0.89 0.00	33.71 1.25 0.00	31.33 1.22 0.00	20.76 0.79 0.00	26.90 0.98 0.00	25.47 0.90 0.00	29.50 0.86 0.00	24.49 0.58 0.00	22.15 0.50 0.00	20.92 0.48 0.00	19.70 0.48 0.00	20.46 0.64 0.00	21.16 0.80 0.00	21.27 0.88 0.00	20.51 0.81 0.00	19.96 0.80 0.00	20.70 0.77 0.00	21.21 0.72 0.00	18.00 0.60 0.00
RUSSELL____1 23602	21.13 -1.03 0.00	20.93 -1.00 0.00	20.28 -0.99 0.00	22.02 -0.99 0.00	21.66 -1.07 0.00	22.00 -1.11 0.00	30.55 -1.90 0.02	28.69 -1.43 0.00	19.00 -0.98 0.00	24.52 -1.40 0.00	23.21 -1.37 0.00	26.96 -1.69 0.00	22.50 -1.41 0.00	20.37 -1.28 0.00	19.26 -1.19 0.00	18.31 -0.90 0.00	19.22 -0.60 0.00	19.89 -0.46 0.00	19.74 -0.65 0.00	18.92 -0.78 0.00	18.45 -0.72 0.00	19.05 -0.88 0.00	19.45 -1.04 0.00	16.57 -0.83 0.00
RUSSELL____2 23532	21.13 -1.03 0.00	20.93 -1.00 0.00	20.28 -0.99 0.00	22.02 -0.99 0.00	21.66 -1.07 0.00	22.00 -1.11 0.00	30.55 -1.90 0.02	28.69 -1.43 0.00	19.00 -0.98 0.00	24.52 -1.40 0.00	23.21 -1.37 0.00	26.96 -1.69 0.00	22.50 -1.41 0.00	20.37 -1.28 0.00	19.26 -1.19 0.00	18.31 -0.90 0.00	19.22 -0.60 0.00	19.89 -0.46 0.00	19.74 -0.65 0.00	18.92 -0.78 0.00	18.45 -0.72 0.00	19.05 -0.88 0.00	19.45 -1.04 0.00	16.57 -0.83 0.00
RUSSELL____3 23549	21.13 -1.03 0.00	20.93 -1.00 0.00	20.28 -0.99 0.00	22.02 -0.99 0.00	21.66 -1.07 0.00	22.00 -1.11 0.00	30.55 -1.90 0.02	28.69 -1.43 0.00	19.00 -0.98 0.00	24.52 -1.40 0.00	23.21 -1.37 0.00	26.96 -1.69 0.00	22.50 -1.41 0.00	20.37 -1.28 0.00	19.26 -1.19 0.00	18.31 -0.90 0.00	19.22 -0.60 0.00	19.89 -0.46 0.00	19.74 -0.65 0.00	18.92 -0.78 0.00	18.45 -0.72 0.00	19.05 -0.88 0.00	19.45 -1.04 0.00	16.57 -0.83 0.00
RUSSELL____4 23556	21.13 -1.03 0.00	20.93 -1.00 0.00	20.28 -0.99 0.00	22.02 -0.99 0.00	21.66 -1.07 0.00	22.00 -1.11 0.00	30.55 -1.90 0.02	28.69 -1.43 0.00	19.00 -0.98 0.00	24.52 -1.40 0.00	23.21 -1.37 0.00	26.96 -1.69 0.00	22.50 -1.41 0.00	20.37 -1.28 0.00	19.26 -1.19 0.00	18.31 -0.90 0.00	19.22 -0.60 0.00	19.89 -0.46 0.00	19.74 -0.65 0.00	18.92 -0.78 0.00	18.45 -0.72 0.00	19.05 -0.88 0.00	19.45 -1.04 0.00	16.57 -0.83 0.00
RUSSELL____STATION 23914	21.13 -1.03 0.00	20.93 -1.00 0.00	20.28 -0.99 0.00	22.02 -0.99 0.00	21.66 -1.07 0.00	22.00 -1.11 0.00	30.55 -1.90 0.02	28.69 -1.43 0.00	19.00 -0.98 0.00	24.52 -1.40 0.00	23.21 -1.37 0.00	26.96 -1.69 0.00	22.50 -1.41 0.00	20.37 -1.28 0.00	19.26 -1.19 0.00	18.31 -0.90 0.00	19.22 -0.60 0.00	19.89 -0.46 0.00	19.74 -0.65 0.00	18.92 -0.78 0.00	18.45 -0.72 0.00	19.05 -0.88 0.00	19.45 -1.04 0.00	16.57 -0.83 0.00
S SALMON____HYD 24043	21.62 -0.54 0.00	21.33 -0.60 0.00	20.65 -0.62 0.00	22.35 -0.66 0.00	22.09 -0.63 0.00	22.62 -0.48 0.00	31.70 -0.77 0.00	29.45 -0.66 0.00	19.40 -0.57 0.00	24.90 -1.03 0.00	23.52 -1.05 0.00	27.29 -1.36 0.00	22.68 -1.23 0.00	20.63 -1.02 0.00	19.49 -0.95 0.00	18.41 -0.80 0.00	19.23 -0.59 0.00	20.00 -0.35 0.00	19.94 -0.45 0.00	19.15 -0.55 0.00	18.48 -0.59 0.10	19.25 -0.65 0.03	19.60 -0.76 0.13	16.79 -0.62 0.00
S.PERRY__115KV_TB1 80734	21.85 -0.31 0.00	21.79 -0.14 0.00	21.02 -0.26 0.00	22.83 -0.18 0.00	22.63 -0.09 0.00	22.97 -0.13 0.00	32.09 -0.36 0.02	30.14 0.02 0.00	19.79 -0.18 0.00	25.26 -0.67 0.00	23.80 -0.78 0.00	27.57 -1.08 0.00	23.15 -0.76 0.00	20.83 -0.82 0.00	19.66 -0.79 0.00	18.75 -0.46 0.00	19.92 0.10 0.00	20.77 0.42 0.00	20.62 0.22 0.00	19.70 0.00 0.00	19.11 -0.06 0.00	19.58 -0.35 0.00	20.18 -0.31 0.00	17.16 -0.24 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.44 -1.72 0.00	20.30 -1.63 0.00	19.68 -1.59 0.00	21.41 -1.60 0.00	20.95 -1.78 0.00	21.20 -1.90 0.00	29.06 -3.39 0.02	27.41 -2.71 0.00	18.19 -1.78 0.00	23.64 -2.28 0.00	22.35 -2.23 0.00	26.03 -2.62 0.00	21.80 -2.10 0.00	19.70 -1.95 0.00	18.60 -1.85 0.00	17.70 -1.51 0.00	18.63 -1.19 0.00	19.27 -1.08 0.00	19.06 -1.33 0.00	18.21 -1.49 0.00	17.78 -1.39 0.00	18.33 -1.60 0.00	18.71 -1.78 0.00	15.99 -1.41 0.00
SAWYER__23_KV_LOAD 55526	20.44 -1.72 0.00	20.30 -1.63 0.00	19.68 -1.59 0.00	21.41 -1.60 0.00	20.95 -1.78 0.00	21.20 -1.90 0.00	29.06 -3.39 0.02	27.41 -2.71 0.00	18.19 -1.78 0.00	23.64 -2.28 0.00	22.35 -2.23 0.00	26.03 -2.62 0.00	21.80 -2.10 0.00	19.70 -1.95 0.00	18.60 -1.85 0.00	17.70 -1.51 0.00	18.63 -1.19 0.00	19.27 -1.08 0.00	19.06 -1.33 0.00	18.21 -1.49 0.00	17.78 -1.39 0.00	18.33 -1.60 0.00	18.71 -1.78 0.00	15.99 -1.41 0.00
SELKIRK____I 23801	23.08 0.92 0.00	22.83 0.90 0.00	22.16 0.89 0.00	23.96 0.95 0.00	23.66 0.93 0.00	24.03 0.93 0.00	33.67 1.20 0.00	31.23 1.12 0.00	20.65 0.67 0.00	26.74 0.81 0.00	25.31 0.73 0.00	29.33 0.68 0.00	24.30 0.40 0.00	21.98 0.33 0.00	20.75 0.30 0.00	19.55 0.34 0.00	20.36 0.54 0.00	21.06 0.70 0.00	21.21 0.82 0.00	20.45 0.75 0.00	19.90 0.74 0.00	20.68 0.75 0.00	21.19 0.70 0.00	18.01 0.61 0.00
SELKIRK____II 23799	22.97 0.81 0.00	22.71 0.78 0.00	22.05 0.78 0.00	23.83 0.83 0.00	23.54 0.81 0.00	23.91 0.81 0.00	33.50 1.04 0.00	31.15 1.03 0.00	20.67 0.69 0.00	26.84 0.92 0.00	25.40 0.82 0.00	29.38 0.72 0.00	24.33 0.42 0.00	22.01 0.36 0.00	20.79 0.34 0.00	19.57 0.35 0.00	20.30 0.48 0.00	20.97 0.62 0.00	21.12 0.73 0.00	20.36 0.67 0.00	19.84 0.68 0.00	20.63 0.70 0.00	21.11 0.62 0.00	17.94 0.54 0.00

SENECA OSWGO___HYD 24041	21.46 -0.70 0.00	21.22 -0.71 0.00	20.56 -0.71 0.00	22.23 -0.78 0.00	21.96 -0.76 0.00	22.38 -0.72 0.00	31.37 -1.10 0.00	29.16 -0.96 0.00	19.36 -0.61 0.00	24.94 -0.99 0.00	23.58 -1.00 0.00	27.37 -1.28 0.00	22.82 -1.09 0.00	20.68 -0.97 0.00	19.55 -0.90 0.00	18.46 -0.75 0.00	19.26 -0.56 0.00	19.90 -0.45 0.00	19.86 -0.54 0.00	19.13 -0.57 0.00	18.59 -0.58 0.00	19.26 -0.67 0.00	19.74 -0.76 0.00	16.83 -0.58 0.00
SENECA___115KV_TB3 355854	20.76 -1.40 0.00	20.63 -1.30 0.00	19.99 -1.29 0.00	21.74 -1.27 0.00	21.28 -1.45 0.00	21.56 -1.54 0.00	29.57 -2.88 0.02	27.90 -2.22 0.00	18.51 -1.46 0.00	24.08 -1.84 0.00	22.75 -1.82 0.00	26.50 -2.16 0.00	22.19 -1.72 0.00	20.06 -1.60 0.00	18.92 -1.53 0.00	18.01 -1.21 0.00	18.95 -0.87 0.00	19.61 -0.75 0.00	19.38 -1.01 0.00	18.53 -1.17 0.00	18.05 -1.11 0.00	18.60 -1.33 0.00	18.98 -1.51 0.00	16.21 -1.19 0.00
SENECA___ENERGY 23797	21.62 -0.54 0.00	21.42 -0.51 0.00	20.71 -0.56 0.00	22.41 -0.60 0.00	22.19 -0.53 0.00	22.61 -0.49 0.00	31.69 -0.77 0.01	29.90 -0.22 0.00	19.77 -0.20 0.00	25.14 -0.78 0.00	23.67 -0.91 0.00	27.39 -1.26 0.00	22.88 -1.03 0.00	20.73 -0.92 0.00	19.58 -0.87 0.00	18.52 -0.69 0.00	19.42 -0.40 0.00	20.16 -0.19 0.00	20.08 -0.31 0.00	19.29 -0.41 0.00	18.75 -0.42 0.00	19.37 -0.56 0.00	19.87 -0.63 0.00	16.92 -0.49 0.00
SHOEMAKER___GT 23640	23.24 1.08 0.00	22.88 0.95 0.00	22.21 0.93 0.00	24.05 1.05 0.00	23.79 1.07 0.00	24.32 1.22 0.00	34.23 1.76 0.00	31.90 1.79 0.00	21.18 1.20 0.00	27.45 1.52 0.00	26.04 1.46 0.00	30.09 1.44 0.00	25.09 1.18 0.00	22.13 0.98 0.51	12.87 0.86 8.44	8.38 0.80 11.64	20.83 1.01 0.00	21.62 1.26 0.00	21.80 1.41 0.00	21.00 1.30 0.00	20.45 1.28 0.00	21.17 1.24 0.00	21.66 1.17 0.00	18.36 0.96 0.00
SHOEMAKR_138KV_BK 111 55601	23.24 1.07 0.00	22.87 0.94 0.00	22.20 0.93 0.00	24.05 1.04 0.00	23.79 1.06 0.00	24.32 1.22 0.00	34.23 1.76 0.00	31.91 1.79 0.00	21.19 1.22 0.00	27.46 1.53 0.00	26.04 1.46 0.00	30.11 1.46 0.00	25.10 1.19 0.00	22.16 1.00 0.48	13.26 0.88 8.06	8.92 0.82 11.11	20.84 1.02 0.00	21.63 1.27 0.00	21.80 1.41 0.00	20.99 1.29 0.00	20.45 1.28 0.00	21.16 1.23 0.00	21.66 1.17 0.00	18.36 0.96 0.00
SHOREHAM_IC_1 23715	45.36 2.26 -20.94	23.93 2.00 0.00	23.51 2.03 -0.21	31.32 2.28 -6.03	57.99 2.32 -32.94	25.54 2.43 -0.01	35.77 3.30 0.00	127.67 3.10 -94.45	64.72 2.06 -42.69	28.58 2.66 0.00	28.86 2.78 -1.50	31.53 2.88 0.00	26.23 2.32 0.00	24.20 1.92 -0.64	34.65 1.82 -12.38	87.34 1.85 -66.28	83.76 2.07 -61.87	22.41 2.06 0.00	75.56 2.44 -52.73	39.80 2.24 -17.86	23.57 2.20 -2.20	22.78 2.16 -0.69	22.68 2.18 0.00	23.65 1.96 -4.29
SHOREHAM_IC_2 23716	45.36 2.26 -20.94	23.93 2.00 0.00	23.51 2.03 -0.21	31.32 2.28 -6.03	57.99 2.32 -32.94	25.54 2.43 -0.01	35.77 3.30 0.00	127.67 3.10 -94.45	64.72 2.06 -42.69	28.58 2.66 0.00	28.86 2.78 -1.50	31.53 2.88 0.00	26.23 2.32 0.00	24.20 1.92 -0.64	34.65 1.82 -12.38	87.34 1.85 -66.28	83.76 2.07 -61.87	22.41 2.06 0.00	75.56 2.44 -52.73	39.80 2.24 -17.86	23.57 2.20 -2.20	22.78 2.16 -0.69	22.68 2.18 0.00	23.65 1.96 -4.29
SISSONVILLE___ 23735	21.70 -0.46 0.00	21.59 -0.34 0.00	20.93 -0.34 0.00	22.66 -0.34 0.00	22.29 -0.44 0.00	22.50 -0.60 0.00	31.73 -0.74 0.00	29.28 -0.83 0.00	19.26 -0.71 0.00	25.06 -0.87 0.00	23.76 -0.81 0.00	27.97 -0.68 0.00	23.45 -0.46 0.00	21.31 -0.34 0.00	20.13 -0.31 0.00	18.83 -0.38 0.00	19.04 -0.78 0.00	19.47 -0.88 0.00	19.54 -0.85 0.00	18.88 -0.82 0.00	17.27 -0.86 1.04	19.32 -0.81 -0.20	23.77 -0.64 -3.92	22.55 -0.53 -5.68
SITHE_IND_GS1 24169	21.23 -0.94 0.00	21.01 -0.92 0.00	20.36 -0.91 0.00	22.00 -1.01 0.00	21.74 -0.99 0.00	22.13 -0.97 0.00	30.90 -1.47 0.09	28.80 -1.32 0.00	19.17 -0.80 0.00	24.73 -1.20 0.00	23.40 -1.18 0.00	27.20 -1.45 0.00	22.68 -1.23 0.00	20.58 -1.07 0.00	19.46 -0.99 0.00	18.35 -0.86 0.00	19.07 -0.76 0.00	19.66 -0.70 0.00	19.60 -0.79 0.00	18.89 -0.81 0.00	18.38 -0.78 0.00	19.06 -0.87 0.00	19.55 -0.94 0.00	16.69 -0.71 0.00
SITHE_IND_GS2 24170	21.23 -0.94 0.00	21.01 -0.92 0.00	20.36 -0.91 0.00	22.00 -1.01 0.00	21.74 -0.99 0.00	22.13 -0.97 0.00	30.90 -1.47 0.09	28.80 -1.32 0.00	19.17 -0.80 0.00	24.73 -1.20 0.00	23.40 -1.18 0.00	27.20 -1.45 0.00	22.68 -1.23 0.00	20.58 -1.07 0.00	19.46 -0.99 0.00	18.35 -0.86 0.00	19.07 -0.76 0.00	19.66 -0.70 0.00	19.60 -0.79 0.00	18.89 -0.81 0.00	18.38 -0.78 0.00	19.06 -0.87 0.00	19.55 -0.94 0.00	16.69 -0.71 0.00
SITHE_IND_GS3 24171	21.23 -0.94 0.00	21.01 -0.92 0.00	20.36 -0.91 0.00	22.00 -1.01 0.00	21.74 -0.99 0.00	22.13 -0.97 0.00	30.90 -1.47 0.09	28.80 -1.32 0.00	19.17 -0.80 0.00	24.73 -1.20 0.00	23.40 -1.18 0.00	27.20 -1.45 0.00	22.68 -1.23 0.00	20.58 -1.07 0.00	19.46 -0.99 0.00	18.35 -0.86 0.00	19.07 -0.76 0.00	19.66 -0.70 0.00	19.60 -0.79 0.00	18.89 -0.81 0.00	18.38 -0.78 0.00	19.06 -0.87 0.00	19.55 -0.94 0.00	16.69 -0.71 0.00
SITHE_IND_GS4 24172	21.23 -0.94 0.00	21.01 -0.92 0.00	20.36 -0.91 0.00	22.00 -1.01 0.00	21.74 -0.99 0.00	22.13 -0.97 0.00	30.90 -1.47 0.09	28.80 -1.32 0.00	19.17 -0.80 0.00	24.73 -1.20 0.00	23.40 -1.18 0.00	27.20 -1.45 0.00	22.68 -1.23 0.00	20.58 -1.07 0.00	19.46 -0.99 0.00	18.35 -0.86 0.00	19.07 -0.76 0.00	19.66 -0.70 0.00	19.60 -0.79 0.00	18.89 -0.81 0.00	18.38 -0.78 0.00	19.06 -0.87 0.00	19.55 -0.94 0.00	16.69 -0.71 0.00
SITHE___BATAVIA 24024	19.97 -1.13 1.06	18.04 -1.00 2.89	17.49 -0.93 2.85	19.78 -0.92 2.30	20.06 -1.12 1.56	20.03 -1.18 1.89	28.02 -2.26 2.19	24.87 -1.65 3.60	16.95 -1.16 1.86	23.31 -1.72 0.90	22.49 -1.78 0.30	25.49 -2.18 0.98	21.67 -1.66 0.58	19.65 -1.65 0.35	18.51 -1.55 0.38	17.43 -1.08 0.70	17.09 -0.68 2.05	19.01 -0.54 0.80	15.77 -0.75 3.87	18.29 -0.93 0.48	17.05 -0.83 1.29	17.84 -1.04 1.05	17.67 -1.23 1.60	14.78 -0.95 1.67
SITHE___INDEPEND 23800	21.22 -0.94 0.00	21.01 -0.92 0.00	20.36 -0.91 0.00	21.99 -1.01 0.00	21.73 -0.99 0.00	22.13 -0.98 0.00	30.90 -1.48 0.09	28.80 -1.32 0.00	19.17 -0.81 0.00	24.72 -1.20 0.00	23.40 -1.18 0.00	27.20 -1.45 0.00	22.67 -1.24 0.00	20.58 -1.07 0.00	19.46 -0.99 0.00	18.35 -0.86 0.00	19.06 -0.76 0.00	19.66 -0.70 0.00	19.60 -0.79 0.00	18.90 -0.80 0.00	18.39 -0.78 0.00	19.06 -0.87 0.00	19.56 -0.94 0.00	16.69 -0.71 0.00
SITHE___MASSENA 23902	21.96 -0.20 0.00	21.87 -0.06 0.00	21.21 -0.06 0.00	22.96 -0.04 0.00	22.64 -0.09 0.00	22.89 -0.22 0.00	32.23 -0.23 0.00	29.76 -0.36 0.00	19.67 -0.31 0.00	25.67 -0.26 0.00	24.37 -0.21 0.00	28.68 0.03 0.00	24.05 0.14 0.00	21.81 0.16 0.00	20.61 0.16 0.00	19.29 0.08 0.00	19.53 -0.28 0.00	19.86 -0.49 0.00	19.94 -0.45 0.00	19.32 -0.38 0.00	17.52 -0.39 1.26	19.31 -0.31 0.31	19.57 -0.19 0.73	18.26 -0.18 -1.05

SITHE___OGDNSBRG 24021	22.19 0.03 0.00	22.10 0.17 0.00	21.44 0.17 0.00	23.21 0.20 0.00	22.89 0.16 0.00	23.13 0.03 0.00	32.66 0.19 0.00	30.15 0.03 0.00	19.79 -0.18 0.00	25.72 -0.21 0.00	24.36 -0.21 0.00	28.68 0.03 0.00	24.04 0.13 0.00	21.86 0.21 0.00	20.66 0.22 0.00	19.33 0.11 0.00	19.53 -0.29 0.00	19.99 -0.36 0.00	20.13 -0.26 0.00	19.49 -0.21 0.00	17.79 -0.25 1.12	19.77 -0.16 -0.01	22.58 -0.02 -2.11	21.23 -0.05 -3.88
SITHE___STERLING 23777	22.72 0.56 0.00	22.44 0.51 0.00	21.75 0.48 0.00	23.53 0.53 0.00	23.27 0.54 0.00	23.76 0.65 0.00	33.42 0.95 0.00	31.11 0.99 0.00	20.51 0.54 0.00	26.34 0.41 0.00	24.89 0.31 0.00	28.91 0.26 0.00	24.05 0.14 0.00	21.79 0.14 0.00	20.58 0.14 0.00	19.44 0.22 0.00	20.24 0.42 0.00	21.04 0.68 0.00	21.08 0.69 0.00	20.29 0.59 0.00	19.70 0.54 0.00	20.41 0.47 0.00	20.89 0.39 0.00	17.73 0.33 0.00
SLEIGHT__34_KV_TB1 80719	21.27 -0.89 0.00	21.06 -0.87 0.00	20.39 -0.89 0.00	22.07 -0.93 0.00	21.80 -0.92 0.00	22.20 -0.90 0.00	31.02 -1.43 0.02	29.13 -0.98 0.00	19.28 -0.69 0.00	24.75 -1.17 0.00	23.37 -1.21 0.00	27.12 -1.53 0.00	22.60 -1.31 0.00	20.48 -1.17 0.00	19.35 -1.10 0.00	18.36 -0.85 0.00	19.23 -0.59 0.00	19.92 -0.43 0.00	19.81 -0.59 0.00	18.99 -0.71 0.00	18.49 -0.67 0.00	19.13 -0.80 0.00	19.57 -0.92 0.00	16.67 -0.73 0.00
SOUTH CAIRO___GT 23612	24.04 1.88 0.00	23.82 1.88 0.00	23.12 1.84 0.00	24.95 1.94 0.00	24.67 1.95 0.00	25.01 1.91 0.00	35.02 2.55 0.00	32.53 2.41 0.00	21.37 1.40 0.00	27.48 1.55 0.00	25.80 1.22 0.00	29.77 1.12 0.00	24.63 0.72 0.00	22.26 0.61 0.00	21.06 0.61 0.00	19.94 0.72 0.00	20.89 1.07 0.00	21.82 1.46 0.00	22.13 1.73 0.00	21.31 1.61 0.00	20.74 1.57 0.00	21.56 1.63 0.00	22.00 1.51 0.00	18.67 1.27 0.00
SOUTH HAMPTN___IC 23720	45.60 2.50 -20.94	24.17 2.24 0.00	23.75 2.26 -0.21	31.57 2.53 -6.03	58.24 2.57 -32.94	25.79 2.68 -0.01	36.14 3.66 0.00	118.52 3.39 -85.02	60.57 2.17 -38.43	28.81 2.89 0.00	29.07 2.99 -1.50	31.74 3.10 0.00	26.45 2.54 0.00	24.41 2.13 -0.64	34.88 2.05 -12.38	87.57 2.07 -66.28	79.47 2.20 -57.45	22.57 2.22 0.00	70.44 2.58 -47.47	38.15 2.38 -16.08	23.48 2.33 -1.98	22.91 2.29 -0.69	22.84 2.34 0.00	23.82 2.14 -4.28
SOUTHDOW_115KV_TB1 355954	21.53 -0.63 0.00	21.24 -0.69 0.00	20.71 -0.56 0.00	22.55 -0.45 0.00	22.03 -0.69 0.00	22.54 -0.57 0.00	31.39 -1.06 0.02	29.31 -0.80 0.00	19.48 -0.49 0.00	25.50 -0.42 0.00	24.10 -0.48 0.00	28.00 -0.65 0.00	23.29 -0.61 0.00	21.03 -0.62 0.00	19.84 -0.61 0.00	18.89 -0.33 0.00	19.75 -0.07 0.00	20.54 0.18 0.00	20.24 -0.15 0.00	19.35 -0.35 0.00	18.73 -0.44 0.00	19.27 -0.66 0.00	19.57 -0.93 0.00	16.91 -0.49 0.00
SOUTHOLD_69_KV_BK 2 55809	45.99 2.88 -20.94	24.54 2.61 0.00	24.11 2.63 -0.21	31.96 2.92 -6.03	58.61 2.94 -32.94	26.16 3.05 -0.01	36.66 4.18 0.00	118.94 3.65 -85.17	60.48 2.01 -38.50	29.08 3.15 0.00	29.36 3.28 -1.50	32.08 3.43 0.00	26.78 2.88 0.00	24.73 2.44 -0.64	35.20 2.38 -12.38	87.90 2.40 -66.28	79.42 2.08 -57.52	22.44 2.09 0.00	70.44 2.49 -47.55	38.10 2.29 -16.11	23.40 2.24 -1.99	22.80 2.18 -0.69	22.87 2.37 0.00	24.10 2.41 -4.28
SOUTHOLD___IC 23719	45.99 2.88 -20.94	24.54 2.61 0.00	24.11 2.62 -0.21	31.95 2.92 -6.03	58.61 2.94 -32.94	26.15 3.05 -0.01	36.66 4.18 0.00	118.94 3.65 -85.17	60.47 2.01 -38.50	29.07 3.15 0.00	29.36 3.28 -1.50	32.08 3.43 0.00	26.78 2.87 0.00	24.72 2.44 -0.64	35.20 2.37 -12.38	87.89 2.39 -66.28	79.43 2.08 -57.52	22.44 2.08 0.00	70.44 2.49 -47.55	38.10 2.30 -16.11	23.40 2.24 -1.99	22.79 2.18 -0.69	22.87 2.38 0.00	24.10 2.41 -4.28
SOUTH_FORK_WT_PWR 323839	46.02 2.92 -20.94	24.58 2.65 0.00	24.15 2.67 -0.21	32.00 2.96 -6.03	58.64 2.97 -32.94	26.16 3.05 -0.01	36.66 4.19 0.00	118.95 3.75 -85.09	60.58 2.15 -38.46	29.01 3.09 0.00	29.33 3.25 -1.50	32.04 3.39 0.00	26.81 2.90 0.00	24.76 2.48 -0.64	35.23 2.41 -12.38	87.93 2.43 -66.28	79.58 2.27 -57.48	22.64 2.29 0.00	70.61 2.71 -47.51	38.31 2.51 -16.09	23.62 2.47 -1.98	23.02 2.41 -0.69	23.04 2.54 0.00	24.13 2.44 -4.28
SPIERFLS_115KV_TB 1 80737	22.99 0.83 0.00	22.69 0.75 0.00	22.00 0.73 0.00	23.69 0.69 0.00	23.50 0.77 0.00	24.00 0.90 0.00	33.80 1.33 0.00	31.37 1.25 0.00	20.72 0.75 0.00	26.93 1.00 0.00	25.44 0.87 0.00	29.31 0.66 0.00	24.21 0.30 0.00	21.91 0.26 0.00	20.75 0.30 0.00	19.61 0.40 0.00	20.47 0.65 0.00	21.20 0.85 0.00	21.36 0.97 0.00	20.62 0.92 0.00	20.02 0.86 0.00	20.72 0.79 0.00	21.22 0.73 0.00	18.00 0.60 0.00
ST LAWRENCE____ 23600	21.75 -0.41 0.00	21.65 -0.28 0.00	21.00 -0.27 0.00	22.74 -0.27 0.00	22.42 -0.31 0.00	22.68 -0.42 0.00	31.94 -0.53 0.00	29.49 -0.63 0.00	19.51 -0.46 0.00	25.48 -0.45 0.00	24.20 -0.38 0.00	28.49 -0.16 0.00	23.90 -0.01 0.00	21.66 0.01 0.00	20.47 0.02 0.00	19.15 -0.06 0.00	19.44 -0.38 0.00	19.73 -0.62 0.00	19.77 -0.63 0.00	19.17 -0.53 0.00	17.33 -0.53 1.30	19.06 -0.45 0.42	18.37 -0.35 1.77	17.08 -0.32 0.00
STATE_CA_115KV_115_LB 55624	23.05 0.89 0.00	22.83 0.90 0.00	22.17 0.90 0.00	23.96 0.95 0.00	23.65 0.92 0.00	23.92 0.82 0.00	33.44 0.97 0.00	31.10 0.99 0.00	20.66 0.68 0.00	26.89 0.97 0.00	25.40 0.82 0.00	29.33 0.68 0.00	24.22 0.31 0.00	21.94 0.29 0.00	20.77 0.32 0.00	19.55 0.34 0.00	20.27 0.45 0.00	20.94 0.59 0.00	21.09 0.70 0.00	20.34 0.64 0.00	19.88 0.72 0.00	20.71 0.78 0.00	21.17 0.68 0.00	18.00 0.60 0.00
STATE_ST_34_KV_LOAD 55959	22.02 -0.14 0.00	21.80 -0.13 0.00	21.02 -0.25 0.00	22.71 -0.29 0.00	22.54 -0.18 0.00	23.01 -0.10 0.00	32.32 -0.15 0.01	30.41 0.29 0.00	20.13 0.16 0.00	25.52 -0.41 0.00	23.99 -0.59 0.00	27.81 -0.84 0.00	23.19 -0.72 0.00	21.02 -0.63 0.00	19.86 -0.59 0.00	18.77 -0.44 0.00	19.60 -0.22 0.00	20.32 -0.03 0.00	20.27 -0.12 0.00	19.50 -0.20 0.00	18.96 -0.21 0.00	19.62 -0.31 0.00	20.20 -0.30 0.00	17.20 -0.21 0.00
STATION 5_MISC_HYD 23604	20.37 -1.13 0.67	19.01 -1.09 1.82	18.42 -1.05 1.80	20.50 -1.06 1.45	20.59 -1.15 0.98	20.70 -1.21 1.19	29.02 -2.05 1.40	26.24 -1.57 2.31	17.72 -1.06 1.19	23.84 -1.51 0.57	22.92 -1.46 0.19	26.22 -1.80 0.63	22.04 -1.49 0.37	20.06 -1.36 0.23	18.94 -1.27 0.25	17.77 -0.99 0.45	17.81 -0.69 1.31	19.26 -0.58 0.51	17.13 -0.78 2.48	18.49 -0.91 0.30	17.51 -0.83 0.83	18.28 -0.98 0.68	18.33 -1.14 1.02	15.42 -0.91 1.07
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.48 -0.68 0.00	21.28 -0.65 0.00	20.61 -0.66 0.00	22.34 -0.67 0.00	22.05 -0.68 0.00	22.44 -0.66 0.00	31.31 -1.14 0.02	29.39 -0.72 0.00	19.44 -0.53 0.00	24.98 -0.95 0.00	23.55 -1.03 0.00	27.26 -1.39 0.00	22.75 -1.16 0.00	20.61 -1.04 0.00	19.49 -0.96 0.00	18.50 -0.71 0.00	19.43 -0.39 0.00	20.17 -0.18 0.00	20.07 -0.32 0.00	19.25 -0.45 0.00	18.73 -0.44 0.00	19.33 -0.60 0.00	19.76 -0.73 0.00	16.81 -0.59 0.00

STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.97 -1.19 0.00	20.77 -1.16 0.00	20.13 -1.14 0.00	21.84 -1.17 0.00	21.49 -1.23 0.00	21.83 -1.27 0.00	30.36 -2.09 0.02	28.50 -1.62 0.00	18.87 -1.10 0.00	24.37 -1.55 0.00	23.07 -1.51 0.00	26.78 -1.87 0.00	22.35 -1.55 0.00	20.24 -1.41 0.00	19.14 -1.31 0.00	18.18 -1.03 0.00	19.07 -0.75 0.00	19.73 -0.63 0.00	19.59 -0.81 0.00	18.77 -0.93 0.00	18.30 -0.87 0.00	18.91 -1.02 0.00	19.31 -1.18 0.00	16.45 -0.95 0.00
STA_56____34_KV_BUS2 355983	20.97 -1.19 0.00	20.77 -1.16 0.00	20.13 -1.14 0.00	21.84 -1.17 0.00	21.49 -1.23 0.00	21.83 -1.27 0.00	30.36 -2.09 0.02	28.50 -1.62 0.00	18.87 -1.10 0.00	24.37 -1.55 0.00	23.07 -1.51 0.00	26.78 -1.87 0.00	22.35 -1.55 0.00	20.24 -1.41 0.00	19.14 -1.31 0.00	18.18 -1.03 0.00	19.07 -0.75 0.00	19.73 -0.63 0.00	19.59 -0.81 0.00	18.77 -0.93 0.00	18.30 -0.87 0.00	18.91 -1.02 0.00	19.31 -1.18 0.00	16.45 -0.95 0.00
STA_67____115KV_BK2 355882	20.99 -1.17 0.00	20.79 -1.14 0.00	20.15 -1.12 0.00	21.87 -1.13 0.00	21.51 -1.21 0.00	21.84 -1.26 0.00	30.33 -2.12 0.02	28.47 -1.65 0.00	18.85 -1.12 0.00	24.35 -1.57 0.00	23.05 -1.52 0.00	26.78 -1.87 0.00	22.36 -1.55 0.00	20.24 -1.41 0.00	19.13 -1.31 0.00	18.19 -1.03 0.00	19.08 -0.74 0.00	19.74 -0.62 0.00	19.59 -0.80 0.00	18.76 -0.93 0.00	18.30 -0.87 0.00	18.91 -1.03 0.00	19.32 -1.17 0.00	16.46 -0.94 0.00
STA_7____115KV_9TRANS 80674	21.13 -1.03 0.00	20.93 -1.00 0.00	20.28 -0.99 0.00	22.02 -0.99 0.00	21.66 -1.07 0.00	22.00 -1.11 0.00	30.55 -1.90 0.02	28.69 -1.43 0.00	19.00 -0.98 0.00	24.52 -1.40 0.00	23.21 -1.37 0.00	26.96 -1.69 0.00	22.50 -1.41 0.00	20.37 -1.28 0.00	19.26 -1.19 0.00	18.31 -0.90 0.00	19.22 -0.60 0.00	19.89 -0.46 0.00	19.74 -0.65 0.00	18.92 -0.78 0.00	18.45 -0.72 0.00	19.05 -0.88 0.00	19.45 -1.04 0.00	16.57 -0.83 0.00
STA_82____115KV_TB1 80780	21.00 -1.16 0.00	20.80 -1.13 0.00	20.16 -1.11 0.00	21.88 -1.12 0.00	21.52 -1.20 0.00	21.85 -1.25 0.00	30.34 -2.11 0.02	28.49 -1.63 0.00	18.86 -1.11 0.00	24.36 -1.56 0.00	23.06 -1.52 0.00	26.79 -1.86 0.00	22.37 -1.54 0.00	20.25 -1.40 0.00	19.14 -1.31 0.00	18.19 -1.02 0.00	19.08 -0.74 0.00	19.75 -0.61 0.00	19.59 -0.80 0.00	18.77 -0.93 0.00	18.31 -0.86 0.00	18.92 -1.01 0.00	19.33 -1.17 0.00	16.47 -0.93 0.00
STEEL____WIND 323596	19.18 -1.42 1.56	16.34 -1.33 4.27	15.80 -1.27 4.20	18.35 -1.27 3.39	18.97 -1.46 2.29	18.73 -1.58 2.79	26.37 -2.91 3.19	22.63 -2.24 5.25	15.78 -1.48 2.71	22.74 -1.88 1.31	22.29 -1.84 0.44	25.05 -2.17 1.42	21.31 -1.76 0.84	19.51 -1.63 0.51	18.33 -1.55 0.56	16.94 -1.25 1.03	15.94 -0.88 2.99	18.40 -0.78 1.17	13.67 -1.08 5.64	17.77 -1.22 0.71	16.13 -1.15 1.88	17.03 -1.36 1.54	16.61 -1.55 2.33	13.74 -1.23 2.43
STEPHTWN_115KV_BK_2 55603	23.26 1.10 0.00	22.99 1.06 0.00	22.29 1.02 0.00	24.16 1.15 0.00	23.82 1.09 0.00	24.17 1.07 0.00	33.83 1.37 0.00	31.45 1.33 0.00	20.85 0.87 0.00	27.12 1.19 0.00	25.53 0.96 0.00	29.50 0.85 0.00	24.34 0.43 0.00	22.00 0.35 0.00	20.86 0.42 0.00	19.67 0.46 0.00	20.44 0.62 0.00	21.16 0.80 0.00	21.32 0.93 0.00	20.57 0.87 0.00	20.08 0.91 0.00	20.95 1.02 0.00	21.35 0.86 0.00	18.14 0.74 0.00
STEUBEN_REC_LFGE 323667	21.40 -0.76 0.00	21.66 -0.27 0.00	20.67 -0.60 0.00	22.51 -0.49 0.00	22.50 -0.22 0.00	22.52 -0.58 0.00	31.57 -0.89 0.01	29.53 -0.59 0.00	19.59 -0.38 0.00	25.48 -0.44 0.00	24.03 -0.55 0.00	27.77 -0.88 0.00	23.21 -0.69 0.00	20.98 -0.67 0.00	19.80 -0.65 0.00	18.77 -0.45 0.00	19.75 -0.07 0.00	20.58 0.22 0.00	20.32 -0.08 0.00	19.31 -0.39 0.00	18.66 -0.50 0.00	19.03 -0.90 0.00	19.87 -0.62 0.00	16.97 -0.43 0.00
STILLWATER____SOLAR 323814	23.31 1.14 0.00	23.02 1.09 0.00	22.33 1.06 0.00	24.10 1.10 0.00	23.86 1.14 0.00	24.33 1.22 0.00	34.20 1.73 0.00	31.75 1.63 0.00	20.98 1.01 0.00	27.20 1.27 0.00	25.70 1.13 0.00	29.70 1.05 0.00	24.62 0.71 0.00	22.27 0.62 0.00	21.11 0.66 0.00	19.93 0.72 0.00	20.75 0.93 0.00	21.47 1.11 0.00	21.61 1.21 0.00	20.82 1.13 0.00	20.30 1.14 0.00	21.05 1.12 0.00	21.56 1.06 0.00	18.28 0.88 0.00
STONY____BROOK 24151	45.21 2.10 -20.95	23.79 1.86 0.00	23.36 1.87 -0.21	31.15 2.10 -6.03	57.82 2.15 -32.95	25.39 2.28 -0.01	35.60 3.12 -0.01	177.79 2.96 -144.71	87.39 2.01 -65.41	28.55 2.63 0.00	28.78 2.70 -1.50	31.45 2.80 0.00	26.18 2.28 0.00	24.17 1.88 -0.64	34.65 1.82 -12.38	87.27 1.78 -66.28	107.21 1.99 -85.40	22.37 2.02 0.00	103.46 2.31 -80.76	49.16 2.09 -27.36	24.60 2.07 -3.37	22.65 2.03 -0.69	22.59 2.09 -0.01	23.53 1.84 -4.29
STURGEON_POOL_HYD 23609	23.48 1.32 0.00	23.07 1.14 0.00	22.40 1.12 0.00	24.27 1.26 0.00	24.00 1.28 0.00	24.63 1.52 0.00	34.72 2.25 0.00	32.42 2.31 0.00	21.56 1.59 0.00	27.94 2.01 0.00	26.53 1.95 0.00	30.60 1.95 0.00	25.52 1.61 0.00	23.02 1.37 0.00	21.63 1.19 0.00	20.32 1.10 0.00	21.14 1.32 0.00	21.97 1.61 0.00	22.15 1.76 0.00	21.32 1.63 0.00	20.75 1.58 0.00	21.43 1.50 0.00	21.92 1.43 0.00	18.56 1.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.35 1.19 0.00	22.97 1.04 0.00	22.30 1.03 0.00	24.17 1.17 0.00	23.91 1.18 0.00	24.47 1.37 0.00	34.46 1.99 0.00	32.14 2.02 0.00	21.36 1.39 0.00	27.68 1.75 0.00	26.25 1.68 0.00	30.34 1.69 0.00	25.28 1.38 0.00	22.22 1.15 0.58	11.78 1.04 9.71	6.78 0.97 13.40	21.00 1.18 0.00	21.79 1.44 0.00	21.98 1.59 0.00	21.15 1.45 0.00	20.61 1.44 0.00	21.31 1.38 0.00	21.81 1.31 0.00	18.47 1.07 0.00
SWANROAD_115KV_TB1 355699	19.99 -2.17 0.00	20.00 -1.93 0.00	19.41 -1.86 0.00	21.09 -1.92 0.00	20.51 -2.21 0.00	20.81 -2.30 0.00	28.27 -4.17 0.02	26.63 -3.49 0.00	17.68 -2.29 0.00	22.94 -2.99 0.00	21.67 -2.90 0.00	25.24 -3.41 0.00	21.16 -2.74 0.00	19.12 -2.53 0.00	18.06 -2.39 0.00	17.20 -2.02 0.00	18.13 -1.70 0.00	18.74 -1.61 0.00	18.53 -1.86 0.00	17.68 -2.01 0.00	17.29 -1.87 0.00	17.83 -2.10 0.00	18.24 -2.26 0.00	15.68 -1.72 0.00
SYNERGY____BIOGAS 323694	19.97 -1.13 1.06	18.04 -1.00 2.89	17.49 -0.93 2.85	19.78 -0.92 2.30	20.06 -1.12 1.56	20.03 -1.18 1.89	28.02 -2.26 2.19	24.87 -1.65 3.60	16.95 -1.16 1.86	23.31 -1.72 0.90	22.49 -1.78 0.30	25.49 -2.18 0.98	21.67 -1.66 0.58	19.65 -1.65 0.35	18.51 -1.55 0.38	17.43 -1.08 0.70	17.09 -0.68 2.05	19.01 -0.54 0.80	15.77 -0.75 3.87	18.29 -0.93 0.48	17.05 -0.83 1.29	17.84 -1.04 1.05	17.67 -1.23 1.60	14.78 -0.95 1.67
SYRACUSE____ENERGY_ST1 323597	21.81 -0.35 0.00	21.59 -0.34 0.00	20.88 -0.39 0.00	22.56 -0.45 0.00	22.32 -0.41 0.00	22.76 -0.35 0.00	31.93 -0.54 0.01	30.04 -0.07 0.00	19.89 -0.08 0.00	25.32 -0.60 0.00	23.92 -0.66 0.00	27.78 -0.87 0.00	23.15 -0.76 0.00	20.99 -0.66 0.00	19.83 -0.61 0.00	18.73 -0.48 0.00	19.51 -0.31 0.00	20.17 -0.19 0.00	20.11 -0.28 0.00	19.38 -0.32 0.00	18.83 -0.33 0.00	19.51 -0.42 0.00	20.02 -0.48 0.00	17.06 -0.34 0.00

SYRACUSE___ENERGY_ST2 323598	21.81 -0.35 0.00	21.59 -0.34 0.00	20.88 -0.39 0.00	22.56 -0.45 0.00	22.32 -0.41 0.00	22.76 -0.35 0.00	31.93 -0.54 0.01	30.04 -0.07 0.00	19.89 -0.08 0.00	25.32 -0.60 0.00	23.92 -0.66 0.00	27.78 -0.87 0.00	23.15 -0.76 0.00	20.99 -0.66 0.00	19.83 -0.61 0.00	18.73 -0.48 0.00	19.51 -0.31 0.00	20.17 -0.19 0.00	20.11 -0.28 0.00	19.38 -0.32 0.00	18.83 -0.33 0.00	19.51 -0.42 0.00	20.02 -0.48 0.00	17.06 -0.34 0.00
SYRACUSE___POWER 24017	21.82 -0.34 0.00	21.58 -0.35 0.00	20.90 -0.38 0.00	22.59 -0.41 0.00	22.34 -0.39 0.00	22.78 -0.32 0.00	31.93 -0.53 0.01	29.89 -0.23 0.00	19.81 -0.16 0.00	25.45 -0.48 0.00	24.05 -0.53 0.00	27.91 -0.73 0.00	23.26 -0.64 0.00	21.08 -0.57 0.00	19.92 -0.53 0.00	18.81 -0.40 0.00	19.61 -0.21 0.00	20.29 -0.06 0.00	20.25 -0.14 0.00	19.50 -0.20 0.00	18.95 -0.21 0.00	19.63 -0.30 0.00	20.12 -0.37 0.00	17.13 -0.27 0.00
TALLMAN__138KV_BK151 55660	23.48 1.32 0.00	23.06 1.13 0.00	22.41 1.13 0.00	24.30 1.29 0.00	24.05 1.32 0.00	24.63 1.53 0.00	34.70 2.24 0.00	32.38 2.26 0.00	21.52 1.55 0.00	27.91 1.98 0.00	26.48 1.91 0.00	30.59 1.94 0.00	25.48 1.57 0.00	22.19 1.32 0.78	8.66 1.19 12.98	2.43 1.11 17.90	21.15 1.33 0.00	21.97 1.62 0.00	22.17 1.77 0.00	21.31 1.62 0.00	20.76 1.60 0.00	21.47 1.54 0.00	21.96 1.47 0.00	18.61 1.20 0.00
TEALLAVE_115KV_TB7 355573	21.65 -0.51 0.00	21.41 -0.52 0.00	20.75 -0.53 0.00	22.42 -0.58 0.00	22.16 -0.57 0.00	22.59 -0.51 0.00	31.65 -0.80 0.01	29.59 -0.52 0.00	19.64 -0.34 0.00	25.26 -0.67 0.00	23.88 -0.69 0.00	27.73 -0.92 0.00	23.10 -0.81 0.00	20.95 -0.70 0.00	19.79 -0.65 0.00	18.70 -0.52 0.00	19.48 -0.34 0.00	20.14 -0.21 0.00	20.09 -0.30 0.00	19.35 -0.36 0.00	18.81 -0.36 0.00	19.49 -0.44 0.00	19.96 -0.53 0.00	17.01 -0.39 0.00
TELGRAPH_34_KV_EAST 80808	20.62 -1.55 0.00	20.55 -1.39 0.00	19.94 -1.33 0.00	21.67 -1.34 0.00	21.16 -1.57 0.00	21.48 -1.63 0.00	29.41 -3.04 0.02	27.73 -2.39 0.00	18.36 -1.61 0.00	23.75 -2.18 0.00	22.40 -2.17 0.00	26.06 -2.59 0.00	21.87 -2.04 0.00	19.71 -1.94 0.00	18.62 -1.83 0.00	17.78 -1.43 0.00	18.75 -1.07 0.00	19.42 -0.93 0.00	19.22 -1.17 0.00	18.35 -1.34 0.00	17.92 -1.25 0.00	18.47 -1.46 0.00	18.86 -1.63 0.00	16.15 -1.25 0.00
TEMPLE___115KV_TB 2 55572	21.66 -0.50 0.00	21.42 -0.51 0.00	20.76 -0.51 0.00	22.44 -0.57 0.00	22.17 -0.55 0.00	22.61 -0.50 0.00	31.68 -0.78 0.01	29.61 -0.51 0.00	19.65 -0.32 0.00	25.29 -0.64 0.00	23.91 -0.66 0.00	27.76 -0.89 0.00	23.13 -0.78 0.00	20.97 0.00 0.00	19.82 -0.63 0.00	18.71 -0.50 0.00	19.51 -0.32 0.00	20.17 -0.19 0.00	20.11 -0.28 0.00	19.37 0.00 0.00	18.83 -0.34 0.00	19.50 -0.43 0.00	19.98 -0.51 0.00	17.02 -0.38 0.00
TIANA____69_KV_BK 1 55817	45.53 2.43 -20.94	24.10 2.17 0.00	23.67 2.18 -0.21	31.49 2.45 -6.03	58.16 2.49 -32.94	25.72 2.61 -0.01	36.03 3.56 0.00	118.57 3.31 -85.15	60.61 2.15 -38.49	28.76 2.83 0.00	29.00 2.93 -1.50	31.69 3.04 0.00	26.38 2.47 0.00	24.34 2.06 -0.64	34.80 1.98 -12.38	87.50 2.00 -66.28	79.50 2.17 -57.51	22.55 2.19 0.00	70.48 2.54 -47.54	38.14 2.34 -16.10	23.44 2.29 -1.99	22.86 2.25 -0.69	22.79 2.29 0.00	23.76 2.08 -4.28
TILDEN___115KV_TB1 80814	21.82 -0.34 0.00	21.58 -0.35 0.00	20.90 -0.38 0.00	22.59 -0.41 0.00	22.34 -0.39 0.00	22.78 -0.32 0.00	31.93 -0.53 0.01	29.89 -0.23 0.00	19.81 -0.16 0.00	25.45 -0.48 0.00	24.05 -0.53 0.00	27.91 -0.73 0.00	23.26 -0.64 0.00	21.08 -0.57 0.00	19.92 -0.53 0.00	18.81 -0.40 0.00	19.61 -0.21 0.00	20.29 -0.06 0.00	20.25 -0.14 0.00	19.50 -0.20 0.00	18.95 -0.21 0.00	19.63 -0.30 0.00	20.12 -0.37 0.00	17.13 -0.27 0.00
TRIGEN___CC 323695	44.88 1.78 -20.93	23.50 1.57 0.00	23.05 1.56 -0.21	30.80 1.76 -6.03	57.43 1.77 -32.94	25.05 1.95 0.00	35.20 2.73 0.00	32.77 2.65 0.00	21.80 1.83 0.00	28.33 2.41 0.00	28.50 2.42 -1.50	31.18 2.53 0.00	25.97 2.06 0.00	24.03 1.74 -0.64	34.48 1.65 -12.38	87.05 1.55 -66.28	39.19 1.73 -17.63	22.24 1.89 0.00	22.54 2.09 -0.05	21.61 1.91 0.00	21.06 1.89 0.00	22.49 1.88 -0.69	22.32 1.83 0.00	23.24 1.56 -4.28
TRINITY__115KV__ 4 BK 55933	22.98 0.82 0.00	22.77 0.83 0.00	22.11 0.83 0.00	23.89 0.89 0.00	23.58 0.86 0.00	23.84 0.74 0.00	33.31 0.84 0.00	30.98 0.86 0.00	20.58 0.61 0.00	26.80 0.88 0.00	25.32 0.74 0.00	29.22 0.57 0.00	24.12 0.21 0.00	21.85 0.20 0.00	20.69 0.24 0.00	19.47 0.26 0.00	20.18 0.36 0.00	20.83 0.47 0.00	20.99 0.59 0.00	20.24 0.54 0.00	19.80 0.63 0.00	20.64 0.70 0.00	21.10 0.60 0.00	17.94 0.54 0.00
UNION___PROCESSING_DRP 323587	21.01 -1.15 0.00	20.81 -1.12 0.00	20.17 -1.10 0.00	21.89 -1.11 0.00	21.53 -1.20 0.00	21.86 -1.24 0.00	30.35 -2.10 0.02	28.50 -1.62 0.00	18.87 -1.10 0.00	24.37 -1.55 0.00	23.07 -1.51 0.00	26.80 -1.85 0.00	22.37 -1.53 0.00	20.26 -1.39 0.00	19.14 -1.30 0.00	18.19 -1.02 0.00	19.09 -0.73 0.00	19.76 -0.60 0.00	19.61 -0.79 0.00	18.78 -0.92 0.00	18.32 -0.85 0.00	18.92 -1.01 0.00	19.33 -1.16 0.00	16.48 -0.92 0.00
UPPER HUDSON___HYD 24058	22.99 0.83 0.00	22.69 0.75 0.00	21.99 0.72 0.00	23.69 0.68 0.00	23.50 0.77 0.00	24.00 0.90 0.00	33.80 1.33 0.00	31.37 1.25 0.00	20.72 0.75 0.00	26.93 1.00 0.00	25.44 0.86 0.00	29.31 0.66 0.00	24.20 0.30 0.00	21.91 0.26 0.00	20.75 0.30 0.00	19.61 0.40 0.00	20.47 0.65 0.00	21.20 0.85 0.00	21.37 0.97 0.00	20.62 0.92 0.00	20.02 0.86 0.00	20.72 0.79 0.00	21.22 0.73 0.00	18.00 0.60 0.00
UPPER RAQUET___HYD 24056	21.70 -0.46 0.00	21.59 -0.34 0.00	20.93 -0.34 0.00	22.66 -0.34 0.00	22.29 -0.44 0.00	22.50 -0.60 0.00	31.73 -0.74 0.00	29.28 -0.83 0.00	19.26 -0.71 0.00	25.06 -0.87 0.00	23.76 -0.81 0.00	27.97 -0.68 0.00	23.45 -0.46 0.00	21.31 -0.34 0.00	20.14 -0.31 0.00	18.84 -0.38 0.00	19.04 -0.78 0.00	19.47 -0.88 0.00	19.54 -0.85 0.00	18.88 -0.82 0.00	17.27 -0.86 1.04	19.33 -0.81 -0.20	23.77 -0.64 -3.92	22.55 -0.53 -5.68
VALLEY44_115KV_TB2 355964	21.69 -0.47 0.00	21.50 -0.44 0.00	20.86 -0.41 0.00	22.71 -0.30 0.00	22.26 -0.47 0.00	22.54 -0.56 0.00	31.07 -1.39 0.02	29.27 -0.85 0.00	19.40 -0.57 0.00	25.28 -0.65 0.00	24.02 -0.56 0.00	27.93 -0.72 0.00	23.34 -0.57 0.00	21.07 -0.58 0.00	19.87 -0.58 0.00	18.84 -0.37 0.00	19.77 -0.05 0.00	20.40 0.05 0.00	20.24 -0.16 0.00	19.37 -0.33 0.00	18.83 -0.34 0.00	19.51 -0.43 0.00	20.00 -0.50 0.00	17.11 -0.29 0.00
VALLEY___115KV_TB 1-4 80826	22.63 0.47 0.00	22.37 0.44 0.00	21.74 0.46 0.00	23.49 0.49 0.00	23.25 0.52 0.00	23.66 0.56 0.00	33.29 0.82 0.00	30.88 0.77 0.00	20.41 0.44 0.00	26.41 0.48 0.00	25.03 0.45 0.00	28.90 0.25 0.00	24.06 0.15 0.00	21.73 0.08 0.00	20.45 0.01 0.00	19.27 0.05 0.00	20.06 0.23 0.00	20.80 0.45 0.00	20.90 0.51 0.00	20.16 0.46 0.00	19.75 0.52 -0.06	20.45 0.50 -0.02	20.96 0.37 -0.09	17.76 0.35 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.35 1.19 0.00	23.09 1.16 0.00	22.38 1.11 0.00	24.19 1.18 0.00	23.96 1.24 0.00	24.46 1.36 0.00	34.40 1.94 0.00	31.54 1.43 0.00	20.89 0.92 0.00	27.00 1.08 0.00	25.77 1.20 0.00	29.98 1.33 0.00	24.94 1.03 0.00	22.53 0.88 0.00	21.22 0.78 0.00	19.86 0.65 0.00	20.78 0.96 0.00	21.51 1.16 0.00	21.58 1.19 0.00	20.81 1.12 0.00	20.24 1.08 0.00	20.99 1.06 0.00	21.51 1.01 0.00	18.24 0.84 0.00
VISCHER___FERRY HYD 24020	23.24 1.08 0.00	22.96 1.03 0.00	22.29 1.02 0.00	24.08 1.07 0.00	23.81 1.09 0.00	24.21 1.11 0.00	33.96 1.49 0.00	31.56 1.45 0.00	20.94 0.97 0.00	27.19 1.26 0.00	25.72 1.15 0.00	29.71 1.06 0.00	24.67 0.77 0.00	22.32 0.67 0.00	21.17 0.73 0.00	19.93 0.72 0.00	20.67 0.84 0.00	21.32 0.96 0.00	21.47 1.07 0.00	20.66 0.96 0.00	20.24 1.07 0.00	21.00 1.07 0.00	21.51 1.02 0.00	18.25 0.86 0.00
V_A_10_SYNC_DSASP 323832	19.28 -1.80 1.08	17.24 -1.74 2.95	16.71 -1.65 2.91	18.98 -1.68 2.34	19.30 -1.84 1.59	19.20 -1.97 1.93	26.91 -3.34 2.23	23.75 -2.71 3.65	16.29 -1.80 1.88	22.68 -2.34 0.91	22.03 -2.24 0.31	25.00 -2.66 0.99	21.15 -2.17 0.59	19.29 -2.00 0.36	18.17 -1.89 0.39	16.91 -1.59 0.72	16.45 -1.29 2.08	18.34 -1.20 0.82	14.99 -1.48 3.93	17.59 -1.62 0.49	16.39 -1.46 1.31	17.23 -1.63 1.07	17.07 -1.80 1.62	14.28 -1.43 1.69
V_CMM_10_SYNC_DSASP 323787	21.86 -0.30 0.00	21.76 -0.18 0.00	21.11 -0.16 0.00	22.85 -0.15 0.00	22.53 -0.20 0.00	22.78 -0.32 0.00	32.09 -0.38 0.00	29.63 -0.49 0.00	19.61 -0.36 0.00	25.60 -0.33 0.00	24.32 -0.26 0.00	28.63 -0.02 0.00	24.00 0.09 0.00	21.76 0.11 0.00	20.56 0.11 0.00	19.24 0.02 0.00	19.46 -0.36 0.00	19.76 -0.60 0.00	19.83 -0.56 0.00	19.26 -0.44 0.00	17.42 -0.45 1.30	19.15 -0.36 0.42	18.46 -0.26 1.77	17.16 -0.24 0.00
V_CMP_10_SYNC_DSASP 323788	22.09 -0.07 0.00	22.03 0.10 0.00	21.20 -0.08 0.00	22.92 -0.08 0.00	22.71 -0.02 0.00	23.13 0.03 0.00	32.52 0.05 0.00	29.94 -0.17 0.00	19.73 -0.24 0.00	25.83 -0.09 0.00	24.57 0.00 0.00	28.94 0.29 0.00	24.40 0.49 0.00	22.25 0.60 0.00	20.97 0.52 0.00	19.62 0.41 0.00	19.64 -0.18 0.00	20.28 -0.08 0.00	20.22 -0.17 0.00	19.20 -0.50 0.00	17.16 -0.72 1.29	15.13 -0.79 4.01	-17.57 -0.69 37.37	-21.19 -0.61 37.98
V_D_10_SYNC_DSASP 323841	21.96 -0.20 0.00	21.87 -0.06 0.00	21.21 -0.06 0.00	22.97 -0.04 0.00	22.64 -0.09 0.00	22.89 -0.22 0.00	32.24 -0.23 0.00	29.77 -0.35 0.00	19.67 -0.30 0.00	25.67 -0.26 0.00	24.37 -0.20 0.00	28.69 0.04 0.00	24.06 0.15 0.00	21.82 0.17 0.00	20.61 0.17 0.00	19.30 0.08 0.00	19.54 -0.28 0.00	19.87 -0.48 0.00	19.94 -0.45 0.00	19.32 -0.38 0.00	17.52 -0.39 1.26	19.31 -0.30 0.31	19.50 -0.19 0.80	18.20 -0.18 -0.98
V_E_10_SYNC_DSASP 323830	23.88 1.32 -0.40	24.48 1.46 -1.08	23.53 1.19 -1.07	25.19 1.33 -0.86	24.85 1.54 -0.58	25.37 1.56 -0.71	35.56 2.29 -0.80	33.68 2.20 -1.36	21.90 1.22 -0.70	27.46 1.19 -0.34	25.62 0.92 -0.11	30.02 1.00 -0.37	25.08 0.95 -0.22	22.64 0.85 -0.13	21.43 0.84 -0.14	20.41 0.93 -0.27	22.04 1.44 -0.78	22.36 1.70 -0.30	23.35 1.49 -1.47	21.12 1.23 -0.19	20.79 1.13 -0.49	21.37 1.04 -0.40	22.14 1.05 -0.61	18.95 0.91 -0.63
V_F_30_NSYNC___DSASP 323816	23.32 1.16 0.00	23.03 1.10 0.00	22.35 1.07 0.00	24.12 1.11 0.00	23.87 1.15 0.00	24.35 1.24 0.00	34.22 1.75 0.00	31.78 1.67 0.00	21.01 1.04 0.00	27.24 1.31 0.00	25.75 1.17 0.00	29.78 1.13 0.00	24.67 0.76 0.00	22.32 0.67 0.00	21.14 0.70 0.00	19.96 0.75 0.00	20.77 0.95 0.00	21.49 1.13 0.00	21.62 1.23 0.00	20.84 1.14 0.00	20.31 1.15 0.00	21.05 1.12 0.00	21.56 1.07 0.00	18.29 0.89 0.00
V_F_30_SYNC_DSASP 323786	23.05 0.89 0.00	22.83 0.90 0.00	22.17 0.90 0.00	23.95 0.95 0.00	23.64 0.91 0.00	23.92 0.82 0.00	33.43 0.96 0.00	31.10 0.98 0.00	20.65 0.68 0.00	26.89 0.97 0.00	25.39 0.82 0.00	29.32 0.67 0.00	24.21 0.30 0.00	21.93 0.29 0.00	20.77 0.32 0.00	19.55 0.34 0.00	20.27 0.45 0.00	20.94 0.58 0.00	21.09 0.70 0.00	20.33 0.64 0.00	19.88 0.71 0.00	20.71 0.78 0.00	21.17 0.68 0.00	18.00 0.60 0.00
V_XM_10_SYNC_DSASP 323789	22.09 -0.07 0.00	22.03 0.10 0.00	21.20 -0.08 0.00	22.92 -0.08 0.00	22.71 -0.02 0.00	23.13 0.03 0.00	32.52 0.05 0.00	29.94 -0.17 0.00	19.73 -0.24 0.00	25.83 -0.09 0.00	24.57 0.00 0.00	28.94 0.29 0.00	24.40 0.49 0.00	22.25 0.60 0.00	20.97 0.52 0.00	19.62 0.41 0.00	19.64 -0.18 0.00	20.28 -0.08 0.00	20.22 -0.17 0.00	19.20 -0.50 0.00	17.16 -0.72 1.29	15.13 -0.79 4.01	-17.57 -0.69 37.37	-21.19 -0.61 37.98
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.55 1.39 0.00	23.14 1.21 0.00	22.47 1.20 0.00	24.37 1.36 0.00	24.12 1.39 0.00	24.70 1.60 0.00	34.80 2.34 0.00	32.47 2.36 0.00	21.59 1.62 0.00	27.99 2.07 0.00	26.56 1.99 0.00	30.69 2.04 0.00	25.57 1.66 0.00	22.22 1.39 0.83	7.90 1.27 13.82	1.37 1.22 19.06	21.28 1.46 0.00	22.10 1.75 0.00	22.24 1.85 0.00	21.39 1.69 0.00	20.83 1.66 0.00	21.54 1.61 0.00	22.03 1.54 0.00	18.66 1.25 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.60 1.44 0.00	23.19 1.26 0.00	22.50 1.23 0.00	24.40 1.39 0.00	24.13 1.41 0.00	24.78 1.68 0.00	34.92 2.45 0.00	32.62 2.50 0.00	21.70 1.73 0.00	28.18 2.26 0.00	26.76 2.18 0.00	30.87 2.22 0.00	25.74 1.84 0.00	23.84 1.55 -0.63	32.39 1.40 -10.54	35.06 1.31 -14.53	21.35 1.53 0.00	22.13 1.78 0.00	22.34 1.95 0.00	21.48 1.79 0.00	20.94 1.77 0.00	21.64 1.71 0.00	22.11 1.61 0.00	18.72 1.32 0.00
W50THST__13_KV_LOAD 356117	23.71 1.54 0.00	23.28 1.35 0.00	22.58 1.31 0.00	24.49 1.49 0.00	24.22 1.50 0.00	24.89 1.79 0.00	35.11 2.64 0.00	32.82 2.70 0.00	21.85 1.88 0.00	28.39 2.47 0.00	26.96 2.38 0.00	31.12 2.47 0.00	25.95 2.05 0.00	24.03 1.75 -0.63	32.57 1.58 -10.54	35.22 1.47 -14.53	21.53 1.71 0.00	22.31 1.95 0.00	22.50 2.11 0.00	21.63 1.94 0.00	21.07 1.91 0.00	21.77 1.84 0.00	22.23 1.74 0.00	18.82 1.42 0.00
WADING RIVER_IC_1 23522	45.30 2.20 -20.94	23.88 1.95 0.00	23.46 1.97 -0.21	31.26 2.22 -6.03	57.93 2.26 -32.94	25.48 2.37 -0.01	35.70 3.22 0.00	117.77 3.02 -84.62	60.24 2.02 -38.25	28.55 2.62 0.00	28.81 2.73 -1.50	31.48 2.83 0.00	26.19 2.28 0.00	24.18 1.89 -0.64	34.62 1.80 -12.38	87.31 1.81 -66.28	79.11 2.03 -57.26	22.37 2.01 0.00	70.02 2.38 -47.25	37.89 2.18 -16.00	23.28 2.14 -1.97	22.72 2.10 -0.69	22.64 2.14 0.00	23.61 1.92 -4.28
WADING RIVER_IC_2 23547	45.30 2.20 -20.94	23.88 1.95 0.00	23.46 1.97 -0.21	31.26 2.22 -6.03	57.93 2.26 -32.94	25.48 2.37 -0.01	35.70 3.22 0.00	117.77 3.02 -84.62	60.24 2.02 -38.25	28.55 2.62 0.00	28.81 2.73 -1.50	31.48 2.83 0.00	26.19 2.28 0.00	24.18 1.89 -0.64	34.62 1.80 -12.38	87.31 1.81 -66.28	79.11 2.03 -57.26	22.37 2.01 0.00	70.02 2.38 -47.25	37.89 2.18 -16.00	23.28 2.14 -1.97	22.72 2.10 -0.69	22.64 2.14 0.00	23.61 1.92 -4.28

WADING RIVER_IC_3 23601	45.30 2.20 -20.94	23.88 1.95 0.00	23.46 1.97 -0.21	31.26 2.22 -6.03	57.93 2.26 -32.94	25.48 2.37 -0.01	35.70 3.22 0.00	117.77 3.02 -84.62	60.24 2.02 -38.25	28.55 2.62 0.00	28.81 2.73 -1.50	31.48 2.83 0.00	26.19 2.28 0.00	24.18 1.89 -0.64	34.62 1.80 -12.38	87.31 1.81 -66.28	79.11 2.03 -57.26	22.37 2.01 0.00	70.02 2.38 -47.25	37.89 2.18 -16.00	23.28 2.14 -1.97	22.72 2.10 -0.69	22.64 2.14 0.00	23.61 1.92 -4.28
WALDENNY_I2_KV_BK2 80841	20.74 -1.43 0.00	20.62 -1.32 0.00	19.98 -1.29 0.00	21.73 -1.28 0.00	21.25 -1.47 0.00	21.55 -1.56 0.00	29.52 -2.93 0.02	27.85 -2.27 0.00	18.48 -1.49 0.00	24.03 -1.89 0.00	22.71 -1.87 0.00	26.45 -2.20 0.00	22.14 -1.76 0.00	20.03 -1.63 0.00	18.89 -1.56 0.00	17.98 -1.23 0.00	18.93 -0.89 0.00	19.58 -0.78 0.00	19.35 -1.05 0.00	18.50 -1.20 0.00	18.03 -1.13 0.00	18.57 -1.36 0.00	18.96 -1.53 0.00	16.20 -1.20 0.00
WALDEN___HYDRO 24148	23.59 1.43 0.00	23.20 1.27 0.00	22.51 1.24 0.00	24.40 1.39 0.00	24.14 1.42 0.00	24.72 1.62 0.00	34.85 2.38 0.00	32.50 2.39 0.00	21.55 1.58 0.00	27.85 1.93 0.00	26.44 1.87 0.00	30.54 1.89 0.00	25.45 1.55 0.00	22.77 1.30 0.19	18.47 1.11 3.09	15.99 1.04 4.27	21.13 1.31 0.00	22.02 1.67 0.00	22.25 1.86 0.00	21.42 1.72 0.00	20.84 1.67 0.00	21.55 1.62 0.00	22.03 1.53 0.00	18.65 1.25 0.00
WARRENSBURG____ 23737	22.99 0.83 0.00	22.69 0.75 0.00	21.99 0.72 0.00	23.69 0.68 0.00	23.50 0.77 0.00	24.00 0.90 0.00	33.80 1.33 0.00	31.37 1.25 0.00	20.72 0.75 0.00	26.93 1.00 0.00	25.44 0.86 0.00	29.31 0.66 0.00	24.20 0.30 0.00	21.91 0.26 0.00	20.75 0.30 0.00	19.61 0.40 0.00	20.47 0.65 0.00	21.20 0.85 0.00	21.37 0.97 0.00	20.62 0.92 0.00	20.02 0.86 0.00	20.72 0.79 0.00	21.22 0.73 0.00	18.00 0.60 0.00
WATERSIDE___6 8 9 23538	23.65 1.48 0.00	23.23 1.30 0.00	22.55 1.27 0.00	24.44 1.43 0.00	24.19 1.47 0.00	24.84 1.74 0.00	34.97 2.50 0.00	32.73 2.61 0.00	21.78 1.80 0.00	28.24 2.32 0.00	26.79 2.22 0.00	30.95 2.31 0.00	25.82 1.92 0.00	23.91 1.63 -0.63	32.44 1.48 -10.51	35.08 1.37 -14.50	21.40 1.58 0.00	22.17 1.82 0.00	22.37 1.98 0.00	21.50 1.80 0.00	20.96 1.79 0.00	21.66 1.73 0.00	22.12 1.63 0.00	18.76 1.36 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.60 0.44 0.00	22.33 0.40 0.00	21.67 0.40 0.00	23.42 0.41 0.00	23.18 0.46 0.00	23.60 0.50 0.00	33.18 0.71 0.00	30.81 0.69 0.00	20.38 0.41 0.00	26.39 0.46 0.00	24.99 0.42 0.00	28.92 0.27 0.00	24.06 0.15 0.00	21.75 0.10 0.00	20.51 0.06 0.00	19.30 0.09 0.00	20.05 0.23 0.00	20.78 0.42 0.00	20.88 0.49 0.00	20.14 0.44 0.00	19.70 0.46 -0.06	20.41 0.46 -0.02	20.95 0.36 -0.09	17.72 0.32 0.00
WATSON___69_KV_BK 1 55734	45.40 2.30 -20.94	23.98 2.05 0.00	23.55 2.06 -0.21	31.35 2.31 -6.03	58.01 2.34 -32.94	25.59 2.49 -0.01	35.91 3.44 0.00	77.99 3.26 -44.62	42.33 2.20 -20.17	28.77 2.84 0.00	28.97 2.89 -1.50	31.67 3.02 0.00	26.37 2.47 0.00	24.34 2.05 -0.64	34.81 1.99 -12.38	87.43 1.94 -66.28	60.53 2.18 -38.53	22.63 2.28 0.00	47.88 2.55 -24.94	30.49 2.35 -8.44	22.52 2.31 -1.04	22.89 2.27 -0.69	22.77 2.27 0.00	23.67 1.99 -4.28
WDELAWARE___HYD 323627	23.15 0.99 0.00	22.76 0.82 0.00	22.08 0.81 0.00	23.92 0.92 0.00	23.69 0.96 0.00	24.30 1.20 0.00	34.30 1.83 0.00	32.03 1.91 0.00	21.21 1.24 0.00	27.40 1.47 0.00	25.96 1.39 0.00	29.78 1.13 0.00	24.28 0.37 0.00	21.74 0.23 0.14	18.11 0.08 2.42	16.00 0.12 3.34	20.19 0.37 0.00	21.07 0.71 0.00	21.29 0.90 0.00	20.57 0.87 0.00	20.47 1.31 0.00	21.16 1.24 0.00	21.63 1.14 0.00	18.30 0.90 0.00
WEST BABYLON___IC 23714	45.30 2.21 -20.93	23.89 1.96 0.00	23.46 1.97 -0.21	31.24 2.20 -6.03	57.88 2.22 -32.94	25.47 2.37 0.00	35.76 3.29 0.00	43.14 3.15 -9.87	26.56 2.13 -4.46	28.68 2.76 0.00	28.89 2.82 -1.50	31.60 2.95 0.00	26.31 2.40 0.00	24.30 2.01 -0.64	34.79 1.97 -12.38	87.39 1.89 -66.28	44.19 2.11 -22.26	22.58 2.23 0.00	28.44 2.49 -5.56	23.86 2.29 -1.87	21.65 2.25 -0.23	22.83 2.22 -0.69	22.70 2.21 0.00	23.59 1.91 -4.28
WEST CANADA___HYD 24049	22.37 0.20 0.00	22.11 0.18 0.00	21.44 0.17 0.00	23.19 0.18 0.00	22.92 0.19 0.00	23.33 0.22 0.00	32.78 0.31 0.00	30.42 0.30 0.00	20.17 0.20 0.00	26.16 0.23 0.00	24.78 0.21 0.00	28.81 0.16 0.00	24.00 0.10 0.00	21.74 0.09 0.00	20.52 0.08 0.00	19.30 0.08 0.00	19.97 0.15 0.00	20.57 0.22 0.00	20.63 0.24 0.00	19.91 0.20 0.00	19.44 0.21 -0.06	20.13 0.18 -0.02	20.73 0.15 -0.09	17.54 0.14 0.00
WESTERN_NY_WIND 24143	21.00 -1.16 0.00	20.90 -1.03 0.00	20.27 -1.00 0.00	22.02 -0.99 0.00	21.55 -1.18 0.00	21.89 -1.21 0.00	30.11 -2.34 0.02	28.39 -1.73 0.00	18.75 -1.22 0.00	24.15 -1.77 0.00	22.74 -1.84 0.00	26.41 -2.24 0.00	22.20 -1.71 0.00	19.96 -1.69 0.00	18.86 -1.59 0.00	18.11 -1.11 0.00	19.09 -0.73 0.00	19.79 -0.56 0.00	19.63 -0.76 0.00	18.76 -0.94 0.00	18.31 -0.86 0.00	18.86 -1.07 0.00	19.25 -1.25 0.00	16.44 -0.96 0.00
WESTOVER___LESR 323668	22.28 0.12 0.00	22.06 0.13 0.00	21.34 0.07 0.00	23.09 0.09 0.00	22.86 0.13 0.00	23.30 0.20 0.00	32.69 0.22 0.01	30.53 0.41 0.00	20.25 0.27 0.00	26.18 0.25 0.00	24.70 0.12 0.00	28.64 -0.01 0.00	23.87 -0.03 0.00	21.61 -0.04 0.00	20.39 -0.06 0.00	19.24 0.02 0.00	20.04 0.22 0.00	20.80 0.44 0.00	20.77 0.37 0.00	20.00 0.30 0.00	19.44 0.27 0.00	20.10 0.17 0.00	20.60 0.11 0.00	17.52 0.12 0.00
WETHRSFD_WT_PWR 323626	18.82 -1.86 1.48	16.13 -1.77 4.03	15.59 -1.72 3.97	18.06 -1.74 3.20	18.65 -1.91 2.17	18.45 -2.02 2.64	25.89 -3.56 3.02	22.28 -2.88 4.97	15.54 -1.88 2.56	22.39 -2.30 1.24	21.93 -2.22 0.42	24.67 -2.63 1.35	20.97 -2.14 0.80	19.17 -2.00 0.48	18.02 -1.90 0.53	16.71 -1.53 0.97	15.81 -1.18 2.83	18.15 -1.10 1.11	13.60 -1.46 5.33	17.36 -1.67 0.67	15.80 -1.59 1.78	16.62 -1.86 1.45	16.17 -2.12 2.20	13.38 -1.72 2.30
WHAVSTOR_138KV_BK127 55557	23.46 1.30 0.00	23.06 1.13 0.00	22.39 1.12 0.00	24.28 1.28 0.00	24.03 1.31 0.00	24.61 1.51 0.00	34.67 2.21 0.00	32.35 2.23 0.00	21.50 1.53 0.00	27.87 1.94 0.00	26.45 1.87 0.00	30.55 1.91 0.00	25.45 1.55 0.00	22.12 1.31 0.84	7.64 1.18 13.98	1.03 1.10 19.29	21.15 1.33 0.00	21.96 1.61 0.00	22.14 1.75 0.00	21.29 1.59 0.00	20.74 1.57 0.00	21.45 1.52 0.00	21.94 1.45 0.00	18.59 1.19 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.46 1.30 0.00	23.06 1.13 0.00	22.39 1.12 0.00	24.28 1.28 0.00	24.03 1.31 0.00	24.61 1.51 0.00	34.67 2.21 0.00	32.35 2.23 0.00	21.50 1.53 0.00	27.87 1.94 0.00	26.45 1.87 0.00	30.55 1.91 0.00	25.45 1.55 0.00	22.12 1.31 0.84	7.64 1.18 13.98	1.03 1.10 19.29	21.15 1.33 0.00	21.96 1.61 0.00	22.14 1.75 0.00	21.29 1.59 0.00	20.74 1.57 0.00	21.45 1.52 0.00	21.94 1.45 0.00	18.59 1.19 0.00

WHITEHAL_115KV_TB1 80871	23.84 1.68 0.00	23.46 1.53 0.00	22.68 1.41 0.00	24.26 1.25 0.00	24.14 1.41 0.00	24.70 1.59 0.00	34.90 2.43 0.00	32.30 2.18 0.00	21.29 1.31 0.00	27.57 1.64 0.00	26.04 1.47 0.00	29.57 0.92 0.00	24.39 0.48 0.00	22.15 0.50 0.00	21.18 0.73 0.00	20.14 0.93 0.00	21.13 1.31 0.00	21.93 1.57 0.00	22.09 1.69 0.00	21.44 1.74 0.00	20.54 1.37 0.00	21.22 1.29 0.00	21.85 1.36 0.00	18.63 1.23 0.00
WHITEPLN_13_KV_LOAD 356215	23.77 1.61 0.00	23.36 1.43 0.00	22.67 1.40 0.00	24.57 1.57 0.00	24.32 1.59 0.00	24.93 1.82 0.00	35.12 2.66 0.00	32.79 2.68 0.00	21.81 1.83 0.00	28.29 2.37 0.00	26.86 2.29 0.00	31.02 2.37 0.00	25.86 1.96 0.00	24.01 1.68 -0.68	33.28 1.52 -11.31	36.24 1.43 -15.60	21.47 1.65 0.00	22.28 1.92 0.00	22.48 2.09 0.00	21.60 1.90 0.00	21.04 1.87 0.00	21.75 1.82 0.00	22.23 1.74 0.00	18.82 1.42 0.00
WM_FLOYD_69_KV_BK2 356380	45.34 2.23 -20.94	23.91 1.97 0.00	23.48 2.00 -0.21	31.29 2.25 -6.03	57.96 2.29 -32.94	25.53 2.42 -0.01	35.77 3.30 0.00	123.23 3.09 -90.02	62.72 2.06 -40.69	28.61 2.69 0.00	28.85 2.77 -1.50	31.51 2.86 0.00	26.22 2.31 0.00	24.19 1.90 -0.64	34.65 1.82 -12.38	87.34 1.84 -66.28	81.68 2.06 -59.79	22.45 2.09 0.00	73.08 2.43 -50.26	38.94 2.22 -17.02	23.44 2.18 -2.10	22.76 2.15 -0.69	22.67 2.17 0.00	23.63 1.95 -4.29
WOODARD__115KV_TB2 355635	21.59 -0.57 0.00	21.36 -0.57 0.00	20.69 -0.58 0.00	22.37 -0.64 0.00	22.11 -0.62 0.00	22.53 -0.57 0.00	31.57 -0.89 0.01	29.53 -0.59 0.00	19.59 -0.38 0.00	25.16 -0.76 0.00	23.80 -0.78 0.00	27.64 -1.01 0.00	23.03 -0.88 0.00	20.88 -0.77 0.00	19.74 -0.71 0.00	18.63 -0.59 0.00	19.41 -0.41 0.00	20.05 -0.31 0.00	20.00 -0.39 0.00	19.27 -0.43 0.00	18.73 -0.44 0.00	19.41 -0.52 0.00	19.89 -0.60 0.00	16.95 -0.45 0.00
YORK__WARBASSE 23770	23.76 1.60 0.00	23.33 1.40 0.00	22.64 1.37 0.00	24.54 1.53 0.00	24.30 1.57 0.00	24.96 1.85 0.00	35.13 2.66 -0.01	32.86 2.73 -0.01	21.87 1.89 -0.02	110.32 2.42 -81.98	168.35 2.32 -141.45	31.14 2.42 -0.08	25.96 2.01 -0.05	24.03 1.72 -0.65	32.53 1.56 -10.52	35.17 1.46 -14.50	21.53 1.67 -0.04	111.53 1.91 -89.26	102.63 2.07 -80.17	132.79 1.89 -111.20	81.32 1.88 -60.28	59.45 1.84 -37.68	47.29 1.74 -25.06	18.88 1.46 -0.02