

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/26/2024

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	25.98	21.73	18.61	21.82	20.66	20.21	17.59	20.27	22.07	22.14	23.53	25.12	24.88	25.29	26.35	30.12	31.31	33.96	31.14	32.43	38.07	32.10	26.62	25.49
24138	1.75	1.44	1.17	1.23	1.13	1.23	1.14	1.30	1.52	1.58	1.83	2.05	2.02	2.12	2.20	2.67	2.69	2.76	2.42	2.19	2.51	2.16	1.78	1.71
	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
74TH STREET_GT_1	26.02	21.77	18.64	21.85	20.69	20.24	17.59	20.28	22.07	22.14	23.52	25.10	24.85	25.27	26.32	30.08	31.25	33.92	31.13	32.44	38.10	32.13	26.64	25.50
24260	1.80	1.48	1.20	1.26	1.16	1.26	1.15	1.31	1.52	1.58	1.83	2.03	1.99	2.10	2.18	2.63	2.64	2.72	2.41	2.21	2.53	2.18	1.80	1.73
	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
74TH STREET_GT_2	26.02	21.77	18.64	21.85	20.69	20.24	17.59	20.28	22.07	22.14	23.52	25.10	24.85	25.27	26.32	30.08	31.25	33.92	31.13	32.44	38.10	32.13	26.64	25.50
24261	1.80	1.48	1.20	1.26	1.16	1.26	1.15	1.31	1.52	1.58	1.83	2.03	1.99	2.10	2.18	2.63	2.64	2.72	2.41	2.21	2.53	2.18	1.80	1.73
	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 HUDSON___FALLS	25.78	21.46	18.45	21.76	20.66	20.15	17.59	20.26	21.84	21.63	22.63	24.02	23.81	24.13	25.22	28.92	30.10	33.33	30.99	32.48	38.29	32.12	26.67	25.45
24011	1.56	1.17	1.01	1.17	1.12	1.17	1.15	1.29	1.30	1.07	0.93	0.95	0.95	0.96	1.08	1.46	1.49	2.13	2.26	2.25	2.72	2.17	1.83	1.67
	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	25.98	21.55	18.51	21.84	20.74	20.24	17.73	20.43	22.01	21.74	22.71	24.09	23.88	24.21	25.32	29.12	30.28	33.62	31.24	32.67	38.53	32.32	26.90	25.64
23798	1.75	1.25	1.07	1.24	1.21	1.26	1.29	1.46	1.46	1.18	1.01	1.02	1.02	1.04	1.18	1.66	1.67	2.42	2.52	2.44	2.97	2.38	2.06	1.86
	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	25.78	21.46	18.45	21.76	20.66	20.15	17.59	20.26	21.84	21.63	22.63	24.02	23.81	24.13	25.22	28.92	30.10	33.33	30.99	32.48	38.29	32.12	26.67	25.45
24028	1.56	1.17	1.01	1.17	1.12	1.17	1.15	1.29	1.30	1.07	0.93	0.95	0.95	0.96	1.08	1.46	1.49	2.13	2.26	2.25	2.72	2.17	1.83	1.67
	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	25.51	21.43	18.48	21.77	20.66	20.14	17.43	20.04	21.67	21.49	22.61	23.99	23.78	24.11	25.07	28.43	29.61	32.65	30.25	31.97	37.59	31.59	26.24	25.20
23527	1.28	1.14	1.04	1.17	1.13	1.16	0.99	1.08	1.13	0.93	0.91	0.92	0.92	0.94	0.93	0.98	1.00	1.45	1.53	1.74	2.02	1.65	1.40	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	24.60	20.82	17.91	21.08	20.00	19.48	16.86	19.30	20.89	20.83	21.99	23.37	23.11	23.45	24.42	27.82	28.99	31.75	29.28	30.77	36.12	30.36	25.19	24.12
24190	0.37	0.53	0.47	0.49	0.46	0.50	0.42	0.33	0.34	0.27	0.29	0.30	0.24	0.28	0.28	0.37	0.38	0.55	0.56	0.54	0.55	0.41	0.35	0.34
	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	23.94	20.01	17.18	20.33	19.29	18.67	16.13	18.62	20.18	20.28	21.43	22.77	22.57	22.80	23.72	26.85	28.11	43.42	29.46	29.75	35.15	29.66	24.58	23.51
355683	-0.29	-0.28	-0.25	-0.26	-0.25	-0.32	-0.31	-0.34	-0.37	-0.28	-0.27	-0.29	-0.29	-0.37	-0.43	-0.60	-0.50	-0.68	-0.67	-0.48	-0.42	-0.28	-0.26	-0.26
	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	-12.90	-1.40	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	25.09	21.13	18.17	21.42	20.32	19.79	17.11	19.57	21.08	20.96	22.06	23.42	23.17	23.52	24.60	28.03	29.31	32.13	29.68	31.35	36.88	31.00	25.70	24.61
323833	0.86	0.83	0.74	0.82	0.78	0.81	0.67	0.61	0.54	0.40	0.37	0.35	0.31	0.36	0.46	0.58	0.70	0.93	0.96	1.12	1.31	1.06	0.87	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
ALBANY_2_SOLAR	25.08	21.12	18.17	21.41	20.32	19.78	17.11	19.57	21.07	20.95	22.06	23.42	23.17	23.52	24.60	28.02	29.30	32.12	29.67	31.34	36.86	30.99	25.69	24.60
323834	0.85	0.83	0.73	0.81	0.78	0.80	0.67	0.60	0.53	0.39	0.36	0.35	0.31	0.35	0.45	0.57	0.68	0.92	0.95	1.11	1.29	1.05	0.86	0.82
	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	24.60	20.82	17.91	21.08	20.00	19.48	16.86	19.30	20.89	20.83	21.99	23.37	23.11	23.45	24.42	27.82	28.99	31.75	29.28	30.77	36.12	30.36	25.19	24.12
23571	0.37	0.53	0.47	0.49	0.46	0.50	0.42	0.33	0.34	0.27	0.29	0.30	0.24	0.28	0.28	0.37	0.38	0.55	0.56	0.54	0.55	0.41	0.35	0.34
	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	24.60 0.37 0.00	20.82 0.53 0.00	17.91 0.47 0.00	21.08 0.49 0.00	20.00 0.46 0.00	19.48 0.50 0.00	16.86 0.42 0.00	19.30 0.33 0.00	20.89 0.34 0.00	20.83 0.27 0.00	21.99 0.29 0.00	23.37 0.30 0.00	23.11 0.24 0.00	23.45 0.28 0.00	24.42 0.28 0.00	27.82 0.37 0.00	28.99 0.38 0.00	31.75 0.55 0.00	29.28 0.56 0.00	30.77 0.54 0.00	36.12 0.55 0.00	30.36 0.41 0.00	25.19 0.35 0.00	24.12 0.34 0.00
ALBANY___3 23573	24.60 0.37 0.00	20.82 0.53 0.00	17.91 0.47 0.00	21.08 0.49 0.00	20.00 0.46 0.00	19.48 0.50 0.00	16.86 0.42 0.00	19.30 0.33 0.00	20.89 0.34 0.00	20.83 0.27 0.00	21.99 0.29 0.00	23.37 0.30 0.00	23.11 0.24 0.00	23.45 0.28 0.00	24.42 0.28 0.00	27.82 0.37 0.00	28.99 0.38 0.00	31.75 0.55 0.00	29.28 0.56 0.00	30.77 0.54 0.00	36.12 0.55 0.00	30.36 0.41 0.00	25.19 0.35 0.00	24.12 0.34 0.00
ALBANY___4 23574	24.60 0.37 0.00	20.82 0.53 0.00	17.91 0.47 0.00	21.08 0.49 0.00	20.00 0.46 0.00	19.48 0.50 0.00	16.86 0.42 0.00	19.30 0.33 0.00	20.89 0.34 0.00	20.83 0.27 0.00	21.99 0.29 0.00	23.37 0.30 0.00	23.11 0.24 0.00	23.45 0.28 0.00	24.42 0.28 0.00	27.82 0.37 0.00	28.99 0.38 0.00	31.75 0.55 0.00	29.28 0.56 0.00	30.77 0.54 0.00	36.12 0.55 0.00	30.36 0.41 0.00	25.19 0.35 0.00	24.12 0.34 0.00
ALBANY___LFGE 323615	24.86 0.63 0.00	20.99 0.69 0.00	18.05 0.61 0.00	21.25 0.66 0.00	20.16 0.62 0.00	19.64 0.65 0.00	17.01 0.56 0.00	19.49 0.53 0.00	21.10 0.56 0.00	21.05 0.49 0.00	22.23 0.53 0.00	23.62 0.55 0.00	23.38 0.52 0.00	23.73 0.56 0.00	24.72 0.58 0.00	28.16 0.71 0.00	29.35 0.74 0.00	32.16 0.96 0.00	29.65 0.93 0.00	31.16 0.93 0.00	36.56 0.99 0.00	30.72 0.78 0.00	25.48 0.64 0.00	24.40 0.62 0.00
ALCOA_PA_115KV_PL-6C 55860	23.99 -0.24 0.00	20.05 -0.24 0.00	17.21 -0.22 0.00	20.36 -0.23 0.00	19.33 -0.21 0.00	18.70 -0.28 0.00	16.17 -0.28 0.00	18.65 -0.31 0.00	20.21 -0.34 0.00	20.30 -0.26 0.00	21.45 -0.24 0.00	22.80 -0.27 0.00	22.60 -0.27 0.00	22.82 -0.35 0.00	23.73 -0.41 0.00	26.87 -0.58 0.00	28.12 -0.49 0.00	51.16 -0.82 -20.78	30.20 -0.78 -2.25	29.83 -0.40 0.00	35.24 -0.32 0.00	29.74 -0.20 0.00	24.65 -0.19 0.00	23.58 -0.20 0.00
ALCOA_RYNLDS___DRP 24188	23.99 -0.24 0.00	20.05 -0.24 0.00	17.21 -0.22 0.00	20.36 -0.23 0.00	19.33 -0.21 0.00	18.70 -0.28 0.00	16.17 -0.28 0.00	18.65 -0.31 0.00	20.21 -0.34 0.00	20.30 -0.26 0.00	21.45 -0.24 0.00	22.80 -0.27 0.00	22.60 -0.27 0.00	22.82 -0.35 0.00	23.73 -0.41 0.00	26.87 -0.58 0.00	28.12 -0.49 0.00	51.16 -0.82 -20.78	30.20 -0.78 -2.25	29.83 -0.40 0.00	35.24 -0.32 0.00	29.74 -0.20 0.00	24.65 -0.19 0.00	23.58 -0.20 0.00
ALCOA___DSASP 323711	23.99 -0.24 0.00	20.05 -0.24 0.00	17.22 -0.22 0.00	20.36 -0.23 0.00	19.33 -0.21 0.00	18.71 -0.28 0.00	16.17 -0.28 0.00	18.65 -0.31 0.00	20.21 -0.34 0.00	20.31 -0.26 0.00	21.45 -0.24 0.00	22.80 -0.27 0.00	22.60 -0.27 0.00	22.82 -0.35 0.00	23.73 -0.41 0.00	26.87 -0.58 0.00	28.12 -0.49 0.00	51.17 -0.82 -20.78	30.20 -0.78 -2.25	29.83 -0.40 0.00	35.25 -0.32 0.00	29.74 -0.20 0.00	24.65 -0.19 0.00	23.58 -0.20 0.00
ALLEGHENY___COGEN 23514	24.37 0.14 0.00	20.32 0.02 0.00	17.48 0.04 0.00	20.56 -0.04 0.00	19.58 0.05 0.00	19.17 0.19 0.00	16.60 0.15 0.00	19.30 0.34 0.00	20.47 -0.07 0.00	20.54 -0.02 0.00	21.74 0.04 0.00	23.09 0.03 0.00	22.88 0.02 0.00	23.25 0.09 0.00	24.33 0.19 0.00	27.62 0.17 0.00	28.48 -0.13 0.00	31.17 -0.03 0.00	28.59 -0.14 0.00	30.48 0.25 0.00	36.17 0.60 0.00	30.57 0.63 0.00	25.42 0.59 0.00	24.23 0.45 0.00
ALTAMONT_115KV_TB 2 55880	24.81 0.58 0.00	20.84 0.55 0.00	17.92 0.48 0.00	21.12 0.53 0.00	20.03 0.49 0.00	19.51 0.52 0.00	16.91 0.47 0.00	19.43 0.47 0.00	21.03 0.48 0.00	20.98 0.42 0.00	22.15 0.45 0.00	23.55 0.49 0.00	23.32 0.46 0.00	23.66 0.49 0.00	24.66 0.52 0.00	28.11 0.66 0.00	29.28 0.67 0.00	32.03 0.83 0.00	29.54 0.81 0.00	31.04 0.81 0.00	36.44 0.88 0.00	30.65 0.71 0.00	25.43 0.59 0.00	24.36 0.58 0.00
ALTONA_WT_PWR 323606	24.09 -0.13 0.00	20.08 -0.22 0.00	17.22 -0.22 0.00	20.35 -0.24 0.00	19.30 -0.24 0.00	18.48 -0.50 0.00	15.64 -0.80 0.00	18.07 -0.89 0.00	19.66 -0.88 0.00	19.77 -0.79 0.00	20.84 -0.86 0.00	22.11 -0.95 0.00	21.91 -0.96 0.00	21.97 -1.20 0.00	22.63 -1.51 0.00	25.75 -1.71 0.00	27.61 -1.01 0.00	24.26 -0.74 6.20	27.39 -0.66 0.67	30.09 -0.14 0.00	35.42 -0.15 0.00	29.68 -0.26 0.00	24.93 0.09 0.00	23.97 0.19 0.00
AMERICAN_REF_FUEL 24010	22.62 -1.60 0.00	18.92 -1.37 0.00	16.30 -1.14 0.00	19.11 -1.49 0.00	18.20 -1.33 0.00	17.78 -1.20 0.00	15.34 -1.11 0.00	17.97 -1.00 0.00	19.38 -1.16 0.00	19.52 -1.05 0.00	20.74 -0.96 0.00	21.99 -1.08 0.00	21.78 -1.08 0.00	22.00 -1.16 0.00	23.03 -1.12 0.00	25.93 -1.53 0.00	26.64 -1.97 0.00	29.13 -2.07 0.00	26.63 -2.09 0.00	28.15 -2.09 0.00	32.82 -2.75 0.00	27.80 -2.15 0.00	23.43 -1.41 0.00	22.50 -1.28 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.66 -0.57 0.00	19.69 -0.60 0.00	17.01 -0.43 0.00	19.97 -0.63 0.00	19.07 -0.46 0.00	18.71 -0.27 0.00	16.18 -0.26 0.00	19.15 0.19 0.00	20.58 0.04 0.00	20.69 0.13 0.00	21.87 0.17 0.00	23.23 0.16 0.00	23.00 0.13 0.00	23.33 0.16 0.00	24.46 0.32 0.00	27.58 0.13 0.00	28.21 -0.40 0.00	30.69 -0.51 0.00	28.06 -0.66 0.00	29.61 -0.62 0.00	34.66 -0.90 0.00	29.30 -0.64 0.00	24.53 -0.31 0.00	23.47 -0.31 0.00
ARTHUR KILL_GT_1 23520	25.90 1.68 0.00	21.68 1.39 0.00	18.54 1.10 0.00	21.73 1.14 0.00	20.59 1.05 0.00	20.14 1.16 0.00	17.49 1.05 0.00	20.12 1.16 0.00	21.91 1.37 0.00	21.99 1.42 0.00	23.37 1.67 0.00	24.87 1.80 0.00	24.64 1.78 0.00	25.06 1.90 0.00	26.13 1.98 0.00	38.92 2.36 -9.11	48.37 2.41 -17.35	33.73 2.52 -0.01	31.00 2.28 0.00	32.33 2.09 0.00	37.98 2.41 0.00	39.56 2.01 -7.60	26.50 1.65 -0.02	39.99 1.60 -14.60
ARTHUR_KILL_2 23512	25.81 1.59 0.00	21.61 1.32 0.00	18.48 1.04 0.00	21.66 1.07 0.00	20.52 0.99 0.00	20.07 1.09 0.00	17.44 0.99 0.00	20.05 1.09 0.00	21.84 1.29 0.00	21.91 1.35 0.00	23.28 1.59 0.00	24.79 1.73 0.00	24.57 1.71 0.00	24.98 1.81 0.00	26.04 1.89 0.00	38.81 2.25 -9.11	48.25 2.29 -17.35	33.60 2.39 -0.01	30.88 2.15 0.00	32.20 1.97 0.00	37.83 2.26 0.00	39.44 1.89 -7.60	26.40 1.54 -0.02	39.90 1.51 -14.60
ARTHUR_KILL_3 23513	25.83 1.61 0.00	21.63 1.34 0.00	18.51 1.07 0.00	21.70 1.11 0.00	20.55 1.02 0.00	20.10 1.12 0.00	17.44 1.00 0.00	20.09 1.13 0.00	21.86 1.32 0.00	21.92 1.36 0.00	23.25 1.55 0.00	24.83 1.76 0.00	24.58 1.72 0.00	24.99 1.82 0.00	26.05 1.90 0.00	36.68 2.32 -6.90	43.57 2.31 -12.64	33.57 2.36 0.00	30.81 2.08 0.00	32.10 1.87 0.00	37.69 2.13 0.00	35.94 1.86 -4.13	26.39 1.54 -0.01	36.35 1.49 -11.08

ARTHUR_KILL_COGEN 323718	25.90 1.68 0.00	21.68 1.39 0.00	18.54 1.10 0.00	21.73 1.14 0.00	20.59 1.05 0.00	20.14 1.16 0.00	17.49 1.05 0.00	20.12 1.16 0.00	21.91 1.37 0.00	21.99 1.42 0.00	23.37 1.67 0.00	24.87 1.80 0.00	24.64 1.78 0.00	25.06 1.90 0.00	26.13 1.98 0.00	38.92 2.36 -9.11	48.37 2.41 -17.35	33.73 2.52 -0.01	31.00 2.28 0.00	32.33 2.09 0.00	37.98 2.41 0.00	39.56 2.01 -7.60	26.50 1.65 -0.02	39.99 1.60 -14.60
ASHOKAN____ 23654	25.76 1.54 0.00	21.64 1.35 0.00	18.58 1.14 0.00	21.86 1.27 0.00	20.73 1.20 0.00	20.23 1.25 0.00	17.56 1.12 0.00	20.18 1.21 0.00	21.77 1.22 0.00	21.61 1.05 0.00	22.75 1.05 0.00	24.16 1.10 0.00	23.97 1.11 0.00	24.40 1.23 0.00	25.46 1.32 0.00	29.13 1.68 0.00	30.49 1.87 0.00	33.60 2.40 0.00	31.06 2.34 0.00	32.76 2.53 0.00	38.44 2.87 0.00	32.23 2.29 0.00	26.64 1.80 0.00	25.39 1.62 0.00
ASTORIA_EAST_ENERGY_CC1 323581	25.90 1.68 0.00	21.71 1.42 0.00	18.57 1.13 0.00	21.75 1.15 0.00	20.62 1.09 0.00	20.17 1.18 0.00	17.51 1.07 0.00	20.12 1.15 0.00	21.93 1.39 0.00	21.99 1.42 0.00	23.39 1.69 0.00	24.93 1.86 0.00	24.70 1.84 0.00	25.10 1.93 0.00	26.13 1.99 0.00	29.88 2.42 0.00	31.02 2.41 0.00	33.69 2.49 0.00	30.94 2.22 0.00	32.25 2.02 0.00	37.83 2.27 0.00	31.96 2.01 0.00	26.49 1.65 0.00	25.38 1.60 0.00
ASTORIA_EAST_ENERGY_CC2 323582	25.90 1.68 0.00	21.71 1.42 0.00	18.57 1.13 0.00	21.75 1.15 0.00	20.62 1.09 0.00	20.17 1.18 0.00	17.51 1.07 0.00	20.12 1.15 0.00	21.93 1.39 0.00	21.99 1.42 0.00	23.39 1.69 0.00	24.93 1.86 0.00	24.70 1.84 0.00	25.10 1.93 0.00	26.13 1.99 0.00	29.88 2.42 0.00	31.02 2.41 0.00	33.69 2.49 0.00	30.94 2.22 0.00	32.25 2.02 0.00	37.83 2.27 0.00	31.96 2.01 0.00	26.49 1.65 0.00	25.38 1.60 0.00
ASTORIA_GT2_1 24094	25.92 1.69 0.00	21.72 1.43 0.00	18.57 1.14 0.00	21.76 1.16 0.00	20.63 1.09 0.00	20.17 1.19 0.00	17.52 1.08 0.00	20.13 1.16 0.00	21.94 1.40 0.00	22.00 1.43 0.00	23.40 1.70 0.00	24.94 1.87 0.00	24.72 1.85 0.00	25.12 1.95 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.03 2.42 0.00	33.72 2.52 0.00	30.97 2.24 0.00	32.26 2.03 0.00	37.84 2.27 0.00	31.97 2.03 0.00	26.50 1.66 0.00	25.39 1.61 0.00
ASTORIA_GT2_2 24095	25.92 1.69 0.00	21.72 1.43 0.00	18.57 1.14 0.00	21.76 1.16 0.00	20.63 1.09 0.00	20.17 1.19 0.00	17.52 1.08 0.00	20.13 1.16 0.00	21.94 1.40 0.00	22.00 1.43 0.00	23.40 1.70 0.00	24.94 1.87 0.00	24.72 1.85 0.00	25.12 1.95 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.03 2.42 0.00	33.72 2.52 0.00	30.97 2.24 0.00	32.26 2.03 0.00	37.84 2.27 0.00	31.97 2.03 0.00	26.50 1.66 0.00	25.39 1.61 0.00
ASTORIA_GT2_3 24096	25.92 1.69 0.00	21.72 1.43 0.00	18.57 1.14 0.00	21.76 1.16 0.00	20.63 1.09 0.00	20.17 1.19 0.00	17.52 1.08 0.00	20.13 1.16 0.00	21.94 1.40 0.00	22.00 1.43 0.00	23.40 1.70 0.00	24.94 1.87 0.00	24.72 1.85 0.00	25.12 1.95 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.03 2.42 0.00	33.72 2.52 0.00	30.97 2.24 0.00	32.26 2.03 0.00	37.84 2.27 0.00	31.97 2.03 0.00	26.50 1.66 0.00	25.39 1.61 0.00
ASTORIA_GT2_4 24097	25.92 1.69 0.00	21.72 1.43 0.00	18.57 1.14 0.00	21.76 1.16 0.00	20.63 1.09 0.00	20.17 1.19 0.00	17.52 1.08 0.00	20.13 1.16 0.00	21.94 1.40 0.00	22.00 1.43 0.00	23.40 1.70 0.00	24.94 1.87 0.00	24.72 1.85 0.00	25.12 1.95 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.03 2.42 0.00	33.72 2.52 0.00	30.97 2.24 0.00	32.26 2.03 0.00	37.84 2.27 0.00	31.97 2.03 0.00	26.50 1.66 0.00	25.39 1.61 0.00
ASTORIA_GT3_1 24098	25.92 1.69 0.00	21.72 1.43 0.00	18.57 1.14 0.00	21.76 1.16 0.00	20.63 1.09 0.00	20.17 1.19 0.00	17.52 1.08 0.00	20.13 1.16 0.00	21.94 1.40 0.00	22.00 1.43 0.00	23.40 1.70 0.00	24.94 1.87 0.00	24.72 1.85 0.00	25.12 1.95 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.03 2.42 0.00	33.72 2.52 0.00	30.97 2.24 0.00	32.26 2.03 0.00	37.84 2.27 0.00	31.97 2.03 0.00	26.50 1.66 0.00	25.39 1.61 0.00
ASTORIA_GT3_2 24099	25.92 1.69 0.00	21.72 1.43 0.00	18.57 1.14 0.00	21.76 1.16 0.00	20.63 1.09 0.00	20.17 1.19 0.00	17.52 1.08 0.00	20.13 1.16 0.00	21.94 1.40 0.00	22.00 1.43 0.00	23.40 1.70 0.00	24.94 1.87 0.00	24.72 1.85 0.00	25.12 1.95 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.03 2.42 0.00	33.72 2.52 0.00	30.97 2.24 0.00	32.26 2.03 0.00	37.84 2.27 0.00	31.97 2.03 0.00	26.50 1.66 0.00	25.39 1.61 0.00
ASTORIA_GT3_3 24100	25.92 1.69 0.00	21.72 1.43 0.00	18.57 1.14 0.00	21.76 1.16 0.00	20.63 1.09 0.00	20.17 1.19 0.00	17.52 1.08 0.00	20.13 1.16 0.00	21.94 1.40 0.00	22.00 1.43 0.00	23.40 1.70 0.00	24.94 1.87 0.00	24.72 1.85 0.00	25.12 1.95 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.03 2.42 0.00	33.72 2.52 0.00	30.97 2.24 0.00	32.26 2.03 0.00	37.84 2.27 0.00	31.97 2.03 0.00	26.50 1.66 0.00	25.39 1.61 0.00
ASTORIA_GT3_4 24101	25.92 1.69 0.00	21.72 1.43 0.00	18.57 1.14 0.00	21.76 1.16 0.00	20.63 1.09 0.00	20.17 1.19 0.00	17.52 1.08 0.00	20.13 1.16 0.00	21.94 1.40 0.00	22.00 1.43 0.00	23.40 1.70 0.00	24.94 1.87 0.00	24.72 1.85 0.00	25.12 1.95 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.03 2.42 0.00	33.72 2.52 0.00	30.97 2.24 0.00	32.26 2.03 0.00	37.84 2.27 0.00	31.97 2.03 0.00	26.50 1.66 0.00	25.39 1.61 0.00
ASTORIA_GT4_1 24102	25.92 1.69 0.00	21.72 1.43 0.00	18.57 1.14 0.00	21.76 1.16 0.00	20.63 1.09 0.00	20.17 1.19 0.00	17.52 1.08 0.00	20.13 1.16 0.00	21.94 1.40 0.00	22.00 1.43 0.00	23.40 1.70 0.00	24.94 1.87 0.00	24.72 1.85 0.00	25.12 1.95 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.03 2.42 0.00	33.72 2.52 0.00	30.97 2.24 0.00	32.26 2.03 0.00	37.84 2.27 0.00	31.97 2.03 0.00	26.50 1.66 0.00	25.39 1.61 0.00
ASTORIA_GT4_2 24103	25.92 1.69 0.00	21.72 1.43 0.00	18.57 1.14 0.00	21.76 1.16 0.00	20.63 1.09 0.00	20.17 1.19 0.00	17.52 1.08 0.00	20.13 1.16 0.00	21.94 1.40 0.00	22.00 1.43 0.00	23.40 1.70 0.00	24.94 1.87 0.00	24.72 1.85 0.00	25.12 1.95 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.03 2.42 0.00	33.72 2.52 0.00	30.97 2.24 0.00	32.26 2.03 0.00	37.84 2.27 0.00	31.97 2.03 0.00	26.50 1.66 0.00	25.39 1.61 0.00
ASTORIA_GT4_3 24104	25.92 1.69 0.00	21.72 1.43 0.00	18.57 1.14 0.00	21.76 1.16 0.00	20.63 1.09 0.00	20.17 1.19 0.00	17.52 1.08 0.00	20.13 1.16 0.00	21.94 1.40 0.00	22.00 1.43 0.00	23.40 1.70 0.00	24.94 1.87 0.00	24.72 1.85 0.00	25.12 1.95 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.03 2.42 0.00	33.72 2.52 0.00	30.97 2.24 0.00	32.26 2.03 0.00	37.84 2.27 0.00	31.97 2.03 0.00	26.50 1.66 0.00	25.39 1.61 0.00

ASTORIA_GT4_4 24105	25.92 1.69 0.00	21.72 1.43 0.00	18.57 1.14 0.00	21.76 1.16 0.00	20.63 1.09 0.00	20.17 1.19 0.00	17.52 1.08 0.00	20.13 1.16 0.00	21.94 1.40 0.00	22.00 1.43 0.00	23.40 1.70 0.00	24.94 1.87 0.00	24.72 1.85 0.00	25.12 1.95 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.03 2.42 0.00	33.72 2.52 0.00	30.97 2.24 0.00	32.26 2.03 0.00	37.84 2.27 0.00	31.97 2.03 0.00	26.50 1.66 0.00	25.39 1.61 0.00
ASTORIA_GT_1 23523	25.96 1.74 0.00	21.75 1.46 0.00	18.60 1.17 0.00	21.79 1.20 0.00	20.66 1.13 0.00	20.21 1.23 0.00	17.55 1.11 0.00	20.16 1.20 0.00	21.99 1.45 0.00	22.05 1.48 0.00	23.45 1.75 0.00	25.00 1.93 0.00	24.78 1.92 0.00	25.17 2.00 0.00	26.21 2.07 0.00	29.96 2.51 0.00	31.12 2.50 0.00	33.80 2.60 0.00	31.04 2.31 0.00	32.35 2.12 0.00	37.94 2.38 0.00	32.04 2.10 0.00	26.56 1.72 0.00	25.44 1.66 0.00
ASTORIA_GT_10 24110	25.86 1.63 0.00	21.65 1.36 0.00	18.54 1.11 0.00	21.70 1.11 0.00	20.57 1.03 0.00	20.12 1.13 0.00	17.51 1.07 0.00	20.13 1.17 0.00	21.92 1.38 0.00	21.99 1.43 0.00	23.36 1.66 0.00	24.91 1.84 0.00	24.69 1.83 0.00	25.09 1.92 0.00	26.13 1.99 0.00	29.86 2.40 0.00	31.01 2.40 0.00	33.63 2.43 0.00	30.87 2.14 0.00	32.18 1.95 0.00	37.81 2.24 0.00	31.90 1.95 0.00	26.44 1.61 0.00	25.33 1.55 0.00
ASTORIA_GT_11 24225	25.86 1.63 0.00	21.65 1.36 0.00	18.54 1.11 0.00	21.70 1.11 0.00	20.57 1.03 0.00	20.12 1.13 0.00	17.51 1.07 0.00	20.13 1.17 0.00	21.92 1.38 0.00	21.99 1.43 0.00	23.36 1.66 0.00	24.91 1.84 0.00	24.69 1.83 0.00	25.09 1.92 0.00	26.13 1.99 0.00	29.86 2.40 0.00	31.01 2.40 0.00	33.63 2.43 0.00	30.87 2.14 0.00	32.18 1.95 0.00	37.81 2.24 0.00	31.90 1.95 0.00	26.44 1.61 0.00	25.33 1.55 0.00
ASTORIA_GT_12 24226	25.86 1.63 0.00	21.65 1.36 0.00	18.54 1.11 0.00	21.70 1.11 0.00	20.57 1.03 0.00	20.12 1.13 0.00	17.51 1.07 0.00	20.13 1.17 0.00	21.92 1.38 0.00	21.99 1.43 0.00	23.36 1.66 0.00	24.91 1.84 0.00	24.69 1.83 0.00	25.09 1.92 0.00	26.13 1.99 0.00	29.86 2.40 0.00	31.01 2.40 0.00	33.63 2.43 0.00	30.87 2.14 0.00	32.18 1.95 0.00	37.81 2.24 0.00	31.90 1.95 0.00	26.44 1.61 0.00	25.33 1.55 0.00
ASTORIA_GT_13 24227	25.86 1.63 0.00	21.65 1.36 0.00	18.54 1.11 0.00	21.70 1.11 0.00	20.57 1.03 0.00	20.12 1.13 0.00	17.51 1.07 0.00	20.13 1.17 0.00	21.92 1.38 0.00	21.99 1.43 0.00	23.36 1.66 0.00	24.91 1.84 0.00	24.69 1.83 0.00	25.09 1.92 0.00	26.13 1.99 0.00	29.86 2.40 0.00	31.01 2.40 0.00	33.63 2.43 0.00	30.87 2.14 0.00	32.18 1.95 0.00	37.81 2.24 0.00	31.90 1.95 0.00	26.44 1.61 0.00	25.33 1.55 0.00
ASTORIA_GT_5 24106	25.97 1.74 0.00	21.75 1.46 0.00	18.60 1.17 0.00	21.79 1.20 0.00	20.66 1.13 0.00	20.21 1.23 0.00	17.55 1.11 0.00	20.17 1.20 0.00	21.99 1.45 0.00	22.05 1.48 0.00	23.45 1.75 0.00	25.00 1.93 0.00	24.78 1.92 0.00	25.17 2.00 0.00	26.21 2.07 0.00	29.96 2.51 0.00	31.11 2.50 0.00	33.80 2.60 0.00	31.04 2.31 0.00	32.35 2.12 0.00	37.93 2.37 0.00	32.04 2.10 0.00	26.56 1.72 0.00	25.44 1.66 0.00
ASTORIA_GT_7 24107	25.97 1.74 0.00	21.75 1.46 0.00	18.60 1.17 0.00	21.79 1.20 0.00	20.66 1.13 0.00	20.21 1.23 0.00	17.55 1.11 0.00	20.17 1.20 0.00	21.99 1.45 0.00	22.05 1.48 0.00	23.45 1.75 0.00	25.00 1.93 0.00	24.78 1.92 0.00	25.17 2.00 0.00	26.21 2.07 0.00	29.96 2.51 0.00	31.11 2.50 0.00	33.80 2.60 0.00	31.04 2.31 0.00	32.35 2.12 0.00	37.93 2.37 0.00	32.04 2.10 0.00	26.56 1.72 0.00	25.44 1.66 0.00
ASTORIA_GT_8 24108	25.97 1.74 0.00	21.75 1.46 0.00	18.60 1.17 0.00	21.79 1.20 0.00	20.66 1.13 0.00	20.21 1.23 0.00	17.55 1.11 0.00	20.17 1.20 0.00	21.99 1.45 0.00	22.05 1.48 0.00	23.45 1.75 0.00	25.00 1.93 0.00	24.78 1.92 0.00	25.17 2.00 0.00	26.21 2.07 0.00	29.96 2.51 0.00	31.11 2.50 0.00	33.80 2.60 0.00	31.04 2.31 0.00	32.35 2.12 0.00	37.93 2.37 0.00	32.04 2.10 0.00	26.56 1.72 0.00	25.44 1.66 0.00
ASTORIA___2 24149	25.92 1.69 0.00	21.72 1.43 0.00	18.57 1.14 0.00	21.76 1.16 0.00	20.63 1.09 0.00	20.17 1.19 0.00	17.52 1.08 0.00	20.13 1.16 0.00	21.94 1.40 0.00	22.00 1.43 0.00	23.40 1.70 0.00	24.94 1.87 0.00	24.72 1.85 0.00	25.11 1.95 0.00	26.14 2.00 0.00	29.89 2.43 0.00	31.03 2.42 0.00	33.71 2.51 0.00	30.96 2.24 0.00	32.26 2.03 0.00	37.85 2.28 0.00	31.97 2.03 0.00	26.50 1.66 0.00	25.39 1.61 0.00
ASTORIA___3 23516	25.86 1.63 0.00	21.65 1.36 0.00	18.54 1.10 0.00	21.70 1.10 0.00	20.57 1.03 0.00	20.12 1.13 0.00	17.51 1.07 0.00	20.13 1.17 0.00	21.92 1.38 0.00	21.99 1.43 0.00	23.36 1.66 0.00	24.91 1.84 0.00	24.69 1.83 0.00	25.09 1.92 0.00	26.13 1.99 0.00	29.86 2.40 0.00	31.01 2.40 0.00	33.63 2.43 0.00	30.87 2.14 0.00	32.18 1.95 0.00	37.82 2.25 0.00	31.90 1.95 0.00	26.44 1.61 0.00	25.33 1.55 0.00
ASTORIA___4 23517	25.86 1.63 0.00	21.65 1.36 0.00	18.54 1.11 0.00	21.70 1.11 0.00	20.57 1.03 0.00	20.12 1.13 0.00	17.51 1.07 0.00	20.13 1.16 0.00	21.92 1.38 0.00	21.99 1.43 0.00	23.36 1.66 0.00	24.91 1.84 0.00	24.69 1.83 0.00	25.09 1.92 0.00	26.13 1.99 0.00	29.86 2.40 0.00	31.01 2.40 0.00	33.63 2.43 0.00	30.87 2.14 0.00	32.18 1.95 0.00	37.81 2.24 0.00	31.90 1.95 0.00	26.44 1.61 0.00	25.33 1.55 0.00
ASTORIA___5 23518	25.86 1.63 0.00	21.65 1.36 0.00	18.54 1.11 0.00	21.70 1.10 0.00	20.57 1.03 0.00	20.12 1.14 0.00	17.51 1.07 0.00	20.13 1.17 0.00	21.92 1.38 0.00	21.99 1.43 0.00	23.36 1.66 0.00	24.91 1.84 0.00	24.69 1.83 0.00	25.09 1.92 0.00	26.13 1.99 0.00	29.86 2.40 0.00	31.01 2.40 0.00	33.63 2.43 0.00	30.87 2.14 0.00	32.18 1.95 0.00	37.82 2.25 0.00	31.90 1.95 0.00	26.44 1.61 0.00	25.33 1.55 0.00
AST_ENERGY_2_CC3 323677	25.80 1.58 0.00	21.61 1.32 0.00	18.50 1.07 0.00	21.69 1.09 0.00	20.54 1.01 0.00	20.10 1.11 0.00	17.45 1.01 0.00	20.09 1.12 0.00	21.86 1.32 0.00	21.92 1.36 0.00	23.29 1.59 0.00	24.85 1.78 0.00	24.61 1.75 0.00	25.01 1.85 0.00	26.06 1.91 0.00	29.78 2.33 0.00	30.94 2.33 0.00	33.60 2.40 0.00	30.84 2.11 0.00	32.14 1.91 0.00	37.73 2.17 0.00	31.82 1.88 0.00	26.40 1.56 0.00	25.28 1.51 0.00
AST_ENERGY_2_CC4 323678	25.80 1.58 0.00	21.61 1.32 0.00	18.50 1.07 0.00	21.69 1.09 0.00	20.54 1.01 0.00	20.10 1.11 0.00	17.45 1.01 0.00	20.09 1.12 0.00	21.86 1.32 0.00	21.92 1.36 0.00	23.29 1.59 0.00	24.85 1.78 0.00	24.61 1.75 0.00	25.01 1.85 0.00	26.06 1.91 0.00	29.78 2.33 0.00	30.94 2.33 0.00	33.60 2.40 0.00	30.84 2.11 0.00	32.14 1.91 0.00	37.73 2.17 0.00	31.82 1.88 0.00	26.40 1.56 0.00	25.28 1.51 0.00

ATHENS_STG_1 23668	25.01 0.79 0.00	20.98 0.69 0.00	18.01 0.58 0.00	21.20 0.61 0.00	20.09 0.56 0.00	19.60 0.62 0.00	17.01 0.57 0.00	19.56 0.59 0.00	21.20 0.66 0.00	21.20 0.64 0.00	22.43 0.74 0.00	23.88 0.81 0.00	23.65 0.79 0.00	24.01 0.84 0.00	25.00 0.86 0.00	28.53 1.08 0.00	29.71 1.10 0.00	32.42 1.22 0.00	29.86 1.13 0.00	31.26 1.03 0.00	36.70 1.14 0.00	30.88 0.94 0.00	25.62 0.78 0.00	24.55 0.77 0.00
ATHENS_STG_2 23670	25.01 0.79 0.00	20.98 0.69 0.00	18.01 0.58 0.00	21.20 0.61 0.00	20.09 0.56 0.00	19.60 0.62 0.00	17.01 0.57 0.00	19.56 0.59 0.00	21.20 0.66 0.00	21.20 0.64 0.00	22.43 0.74 0.00	23.88 0.81 0.00	23.65 0.79 0.00	24.01 0.84 0.00	25.00 0.86 0.00	28.53 1.08 0.00	29.71 1.10 0.00	32.42 1.22 0.00	29.86 1.13 0.00	31.26 1.03 0.00	36.70 1.14 0.00	30.88 0.94 0.00	25.62 0.78 0.00	24.55 0.77 0.00
ATHENS_STG_3 23677	25.01 0.79 0.00	20.98 0.69 0.00	18.01 0.58 0.00	21.20 0.61 0.00	20.09 0.56 0.00	19.60 0.62 0.00	17.01 0.57 0.00	19.56 0.59 0.00	21.20 0.66 0.00	21.20 0.64 0.00	22.43 0.74 0.00	23.88 0.81 0.00	23.65 0.79 0.00	24.01 0.84 0.00	25.00 0.86 0.00	28.53 1.08 0.00	29.71 1.10 0.00	32.42 1.22 0.00	29.86 1.13 0.00	31.26 1.03 0.00	36.70 1.14 0.00	30.88 0.94 0.00	25.62 0.78 0.00	24.55 0.77 0.00
AUBURN___LFGE 323710	23.93 -0.30 0.00	20.04 -0.25 0.00	17.20 -0.24 0.00	20.30 -0.29 0.00	19.24 -0.30 0.00	18.91 -0.07 0.00	16.48 0.04 0.00	18.83 -0.13 0.00	20.34 -0.21 0.00	20.24 -0.32 0.00	21.36 -0.34 0.00	22.70 -0.37 0.00	22.51 -0.35 0.00	22.82 -0.35 0.00	23.78 -0.36 0.00	27.23 -0.23 0.00	28.72 0.11 0.00	28.87 -0.23 2.10	28.36 -0.14 0.23	30.59 0.36 0.00	35.77 0.21 0.00	29.66 -0.28 0.00	24.57 -0.26 0.00	23.41 -0.36 0.00
BABYLON_RES_REC 323704	27.42 1.86 -1.34	43.85 1.63 -21.92	18.70 1.26 0.00	21.89 1.30 0.00	20.60 1.06 0.00	20.13 1.15 0.00	17.55 1.10 0.00	20.27 1.31 0.00	22.00 1.45 0.00	22.02 1.46 0.00	27.44 1.95 -3.79	30.13 2.20 -4.86	31.71 2.03 -6.82	29.60 2.02 -4.41	25.86 1.71 0.00	29.49 2.03 0.00	30.76 2.15 0.00	33.50 2.30 0.00	30.78 2.06 0.00	32.01 1.77 0.00	37.65 2.09 0.00	31.97 2.02 0.00	26.62 1.79 0.00	25.62 1.84 0.00
BABYLON__69_KV_BK2 356345	27.69 2.13 -1.34	44.06 1.85 -21.92	18.87 1.44 0.00	22.09 1.49 0.00	20.77 1.23 0.00	20.29 1.31 0.00	17.70 1.25 0.00	20.46 1.50 0.00	22.21 1.67 0.00	22.23 1.67 0.00	27.69 2.21 -3.79	30.41 2.49 -4.85	32.11 2.44 -6.82	30.02 2.45 -4.41	26.28 2.13 0.00	30.19 2.74 0.00	31.50 2.88 0.00	34.33 3.12 -0.01	31.56 2.83 0.00	32.80 2.56 0.00	38.40 2.84 0.00	32.37 2.43 0.00	26.93 2.09 0.00	25.91 2.13 0.00
BALL_HILL_WT_PWR 323825	23.36 -0.87 0.00	19.48 -0.81 0.00	16.80 -0.63 0.00	19.74 -0.86 0.00	18.83 -0.71 0.00	18.44 -0.54 0.00	15.92 -0.52 0.00	18.73 -0.23 0.00	20.21 -0.33 0.00	20.35 -0.21 0.00	21.57 -0.13 0.00	22.91 -0.16 0.00	22.70 -0.16 0.00	23.02 -0.15 0.00	24.16 0.02 0.00	27.24 -0.22 0.00	27.88 -0.73 0.00	30.36 -0.84 0.00	27.76 -0.97 0.00	29.25 -0.98 0.00	34.19 -1.37 0.00	28.90 -1.05 0.00	24.19 -0.65 0.00	23.17 -0.61 0.00
BARON_WINDS___WT_PWR 323822	23.43 -0.79 0.00	19.57 -0.72 0.00	16.89 -0.55 0.00	19.93 -0.67 0.00	19.00 -0.54 0.00	18.61 -0.37 0.00	16.08 -0.36 0.00	18.75 -0.21 0.00	20.26 -0.28 0.00	20.38 -0.19 0.00	21.52 -0.17 0.00	22.89 -0.18 0.00	22.68 -0.18 0.00	23.05 -0.12 0.00	24.19 0.05 0.00	27.39 -0.07 0.00	28.21 -0.40 0.00	30.70 -0.50 0.00	28.18 -0.54 0.00	29.65 -0.58 0.00	34.75 -0.81 0.00	29.31 -0.64 0.00	24.39 -0.45 0.00	23.33 -0.45 0.00
BARRETT_IC_1 23704	27.22 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.91 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.81 1.88 -4.86	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.55 1.98 0.00	31.71 1.76 0.00	26.48 1.65 0.00	25.44 1.66 0.00
BARRETT_IC_10 23701	27.22 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.91 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.81 1.88 -4.86	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.55 1.98 0.00	31.71 1.76 0.00	26.48 1.65 0.00	25.44 1.66 0.00
BARRETT_IC_11 23702	27.22 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.91 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.81 1.88 -4.86	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.55 1.98 0.00	31.71 1.76 0.00	26.48 1.65 0.00	25.44 1.66 0.00
BARRETT_IC_12 23703	27.22 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.91 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.81 1.88 -4.86	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.55 1.98 0.00	31.71 1.76 0.00	26.48 1.65 0.00	25.44 1.66 0.00
BARRETT_IC_2 23705	27.22 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.91 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.81 1.88 -4.86	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.55 1.98 0.00	31.71 1.76 0.00	26.48 1.65 0.00	25.44 1.66 0.00
BARRETT_IC_3 23706	27.22 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.91 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.81 1.88 -4.86	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.55 1.98 0.00	31.71 1.76 0.00	26.48 1.65 0.00	25.44 1.66 0.00
BARRETT_IC_4 23707	27.22 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.91 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.81 1.88 -4.86	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.55 1.98 0.00	31.71 1.76 0.00	26.48 1.65 0.00	25.44 1.66 0.00

BARRETT_IC_5 23708	27.22 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.91 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.81 1.88 -4.86	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.55 1.98 0.00	31.71 1.76 0.00	26.48 1.65 0.00	25.44 1.66 0.00
BARRETT_IC_6 23709	27.22 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.91 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.81 1.88 -4.86	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.55 1.98 0.00	31.71 1.76 0.00	26.48 1.65 0.00	25.44 1.66 0.00
BARRETT_IC_7 23710	27.21 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.90 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.80 1.88 -4.85	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.54 1.98 0.00	31.71 1.77 0.00	26.48 1.65 0.00	25.44 1.66 0.00
BARRETT_IC_8 23711	27.22 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.91 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.81 1.88 -4.86	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.55 1.98 0.00	31.71 1.76 0.00	26.48 1.65 0.00	25.44 1.66 0.00
BARRETT_IC_9 23700	27.22 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.91 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.81 1.88 -4.86	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.55 1.98 0.00	31.71 1.76 0.00	26.48 1.65 0.00	25.44 1.66 0.00
BARRETT___1 23545	27.22 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.91 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.81 1.88 -4.86	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.55 1.98 0.00	31.71 1.76 0.00	26.48 1.65 0.00	25.44 1.66 0.00
BARRETT___2 23546	27.22 1.65 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.73 1.13 0.00	20.47 0.93 0.00	20.01 1.03 0.00	17.35 0.91 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.72 1.16 0.00	27.12 1.63 -3.79	29.81 1.88 -4.86	31.53 1.85 -6.82	29.51 1.93 -4.41	25.86 1.72 0.00	29.55 2.10 0.00	30.76 2.15 0.00	33.46 2.26 0.00	30.72 2.00 0.00	31.98 1.75 0.00	37.55 1.98 0.00	31.71 1.76 0.00	26.48 1.65 0.00	25.44 1.66 0.00
BATAVIA___115KV_TB1 55881	23.71 -0.51 0.00	19.80 -0.50 0.00	17.02 -0.42 0.00	19.96 -0.64 0.00	19.01 -0.53 0.00	18.59 -0.40 0.00	16.06 -0.39 0.00	18.77 -0.20 0.00	20.25 -0.29 0.00	20.35 -0.22 0.00	21.61 -0.08 0.00	22.94 -0.13 0.00	22.86 0.00 0.00	23.02 -0.15 0.00	24.13 -0.01 0.00	27.15 -0.30 0.00	27.96 -0.65 0.00	29.05 -0.58 1.57	27.96 -0.60 0.17	29.86 -0.37 0.00	34.88 -0.69 0.00	29.41 -0.53 0.00	24.60 -0.24 0.00	23.53 -0.25 0.00
BAYONEEC___CTG1 323682	25.85 1.63 0.00	21.64 1.35 0.00	18.53 1.09 0.00	21.72 1.13 0.00	20.57 1.03 0.00	20.12 1.14 0.00	17.47 1.03 0.00	20.12 1.16 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.32 1.62 0.00	24.88 1.82 0.00	24.65 1.79 0.00	25.05 1.88 0.00	26.10 1.96 0.00	29.83 2.38 0.00	31.00 2.38 0.00	33.64 2.44 0.00	30.88 2.15 0.00	32.17 1.94 0.00	37.78 2.21 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.32 1.55 0.00
BAYONEEC___CTG10 323750	25.85 1.63 0.00	21.64 1.35 0.00	18.53 1.09 0.00	21.72 1.13 0.00	20.57 1.03 0.00	20.12 1.14 0.00	17.47 1.03 0.00	20.12 1.16 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.32 1.62 0.00	24.88 1.82 0.00	24.65 1.79 0.00	25.05 1.88 0.00	26.10 1.96 0.00	29.83 2.38 0.00	31.00 2.38 0.00	33.64 2.44 0.00	30.88 2.15 0.00	32.17 1.94 0.00	37.78 2.21 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.32 1.55 0.00
BAYONEEC___CTG2 323683	25.85 1.63 0.00	21.64 1.35 0.00	18.53 1.09 0.00	21.72 1.13 0.00	20.57 1.03 0.00	20.12 1.14 0.00	17.47 1.03 0.00	20.12 1.16 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.32 1.62 0.00	24.88 1.82 0.00	24.65 1.79 0.00	25.05 1.88 0.00	26.10 1.96 0.00	29.83 2.38 0.00	31.00 2.38 0.00	33.64 2.44 0.00	30.88 2.15 0.00	32.17 1.94 0.00	37.78 2.21 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.32 1.55 0.00
BAYONEEC___CTG3 323684	25.85 1.63 0.00	21.64 1.35 0.00	18.53 1.09 0.00	21.72 1.13 0.00	20.57 1.03 0.00	20.12 1.14 0.00	17.47 1.03 0.00	20.12 1.16 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.32 1.62 0.00	24.88 1.82 0.00	24.65 1.79 0.00	25.05 1.88 0.00	26.10 1.96 0.00	29.83 2.38 0.00	31.00 2.38 0.00	33.64 2.44 0.00	30.88 2.15 0.00	32.17 1.94 0.00	37.78 2.21 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.32 1.55 0.00
BAYONEEC___CTG4 323685	25.85 1.63 0.00	21.64 1.35 0.00	18.53 1.09 0.00	21.72 1.13 0.00	20.57 1.03 0.00	20.12 1.14 0.00	17.47 1.03 0.00	20.12 1.16 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.32 1.62 0.00	24.88 1.82 0.00	24.65 1.79 0.00	25.05 1.88 0.00	26.10 1.96 0.00	29.83 2.38 0.00	31.00 2.38 0.00	33.64 2.44 0.00	30.88 2.15 0.00	32.17 1.94 0.00	37.78 2.21 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.32 1.55 0.00
BAYONEEC___CTG5 323686	25.85 1.63 0.00	21.64 1.35 0.00	18.53 1.09 0.00	21.72 1.13 0.00	20.57 1.03 0.00	20.12 1.14 0.00	17.47 1.03 0.00	20.12 1.16 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.32 1.62 0.00	24.88 1.82 0.00	24.65 1.79 0.00	25.05 1.88 0.00	26.10 1.96 0.00	29.83 2.38 0.00	31.00 2.38 0.00	33.64 2.44 0.00	30.88 2.15 0.00	32.17 1.94 0.00	37.78 2.21 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.32 1.55 0.00
BAYONEEC___CTG6 323687	25.85 1.63 0.00	21.64 1.35 0.00	18.53 1.09 0.00	21.72 1.13 0.00	20.57 1.03 0.00	20.12 1.14 0.00	17.47 1.03 0.00	20.12 1.16 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.32 1.62 0.00	24.88 1.82 0.00	24.65 1.79 0.00	25.05 1.88 0.00	26.10 1.96 0.00	29.83 2.38 0.00	31.00 2.38 0.00	33.64 2.44 0.00	30.88 2.15 0.00	32.17 1.94 0.00	37.78 2.21 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.32 1.55 0.00

BAYONEEC___CTG7 323688	25.85 1.63 0.00	21.64 1.35 0.00	18.53 1.09 0.00	21.72 1.13 0.00	20.57 1.03 0.00	20.12 1.14 0.00	17.47 1.03 0.00	20.12 1.16 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.32 1.62 0.00	24.88 1.82 0.00	24.65 1.79 0.00	25.05 1.88 0.00	26.10 1.96 0.00	29.83 2.38 0.00	31.00 2.38 0.00	33.64 2.44 0.00	30.88 2.15 0.00	32.17 1.94 0.00	37.78 2.21 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.32 1.55 0.00
BAYONEEC___CTG8 323689	25.85 1.63 0.00	21.64 1.35 0.00	18.53 1.09 0.00	21.72 1.13 0.00	20.57 1.03 0.00	20.12 1.14 0.00	17.47 1.03 0.00	20.12 1.16 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.32 1.62 0.00	24.88 1.82 0.00	24.65 1.79 0.00	25.05 1.88 0.00	26.10 1.96 0.00	29.83 2.38 0.00	31.00 2.38 0.00	33.64 2.44 0.00	30.88 2.15 0.00	32.17 1.94 0.00	37.78 2.21 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.32 1.55 0.00
BAYONEEC___CTG9 323749	25.85 1.63 0.00	21.64 1.35 0.00	18.53 1.09 0.00	21.72 1.13 0.00	20.57 1.03 0.00	20.12 1.14 0.00	17.47 1.03 0.00	20.12 1.16 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.32 1.62 0.00	24.88 1.82 0.00	24.65 1.79 0.00	25.05 1.88 0.00	26.10 1.96 0.00	29.83 2.38 0.00	31.00 2.38 0.00	33.64 2.44 0.00	30.88 2.15 0.00	32.17 1.94 0.00	37.78 2.21 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.32 1.55 0.00
BEACON___LESR 323632	24.95 0.72 0.00	21.04 0.75 0.00	18.08 0.64 0.00	21.29 0.69 0.00	20.18 0.64 0.00	19.67 0.69 0.00	17.06 0.62 0.00	19.61 0.65 0.00	21.22 0.67 0.00	21.13 0.57 0.00	22.30 0.61 0.00	23.72 0.65 0.00	23.46 0.60 0.00	23.78 0.61 0.00	24.90 0.75 0.00	28.34 0.89 0.00	29.53 0.92 0.00	32.38 1.18 0.00	29.85 1.13 0.00	31.33 1.09 0.00	36.75 1.18 0.00	30.89 0.94 0.00	25.59 0.75 0.00	24.51 0.73 0.00
BEAVER RIVER___HYD 24048	23.66 -0.56 0.00	19.54 -0.76 0.00	16.81 -0.63 0.00	19.85 -0.74 0.00	18.93 -0.60 0.00	18.60 -0.38 0.00	16.16 -0.28 0.00	18.71 -0.26 0.00	20.18 -0.36 0.00	20.17 -0.40 0.00	21.23 -0.46 0.00	22.50 -0.57 0.00	22.33 -0.53 0.00	22.59 -0.57 0.00	23.50 -0.64 0.00	26.74 -0.72 0.00	27.94 -0.68 0.00	-4.21 -0.74 34.67	24.47 -0.50 3.76	30.03 -0.20 0.00	35.22 -0.34 0.00	29.50 -0.44 0.00	24.33 -0.50 0.00	23.16 -0.62 0.00
BEEBEE_GT_13 23619	23.54 -0.69 0.00	19.68 -0.61 0.00	16.91 -0.52 0.00	19.88 -0.72 0.00	18.91 -0.63 0.00	18.46 -0.52 0.00	15.96 -0.48 0.00	18.57 -0.40 0.00	20.07 -0.47 0.00	20.17 -0.39 0.00	21.38 -0.32 0.00	22.71 -0.35 0.00	22.49 -0.37 0.00	22.82 -0.35 0.00	23.85 -0.29 0.00	27.01 -0.44 0.00	27.98 -0.63 0.00	28.96 -0.63 1.61	27.90 -0.66 0.17	29.65 -0.58 0.00	34.62 -0.95 0.00	29.14 -0.80 0.00	24.29 -0.54 0.00	23.23 -0.55 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.15 1.92 0.00	21.87 1.58 0.00	18.71 1.27 0.00	21.91 1.32 0.00	20.76 1.22 0.00	20.31 1.33 0.00	17.66 1.21 0.00	20.32 1.36 0.00	22.14 1.60 0.00	22.21 1.65 0.00	23.60 1.90 0.00	25.16 2.09 0.00	24.95 2.09 0.00	25.36 2.20 0.00	26.45 2.30 0.00	39.31 2.76 -9.11	48.74 2.77 -17.35	34.08 2.86 -0.01	31.27 2.55 0.00	32.61 2.38 0.00	38.31 2.74 0.00	39.90 2.35 -7.60	26.79 1.93 -0.02	40.24 1.86 -14.60
BETHLEHEM___GRP 23843	24.60 0.37 0.00	20.82 0.53 0.00	17.91 0.47 0.00	21.08 0.49 0.00	20.00 0.46 0.00	19.48 0.50 0.00	16.86 0.42 0.00	19.30 0.33 0.00	20.89 0.34 0.00	20.83 0.27 0.00	21.99 0.29 0.00	23.37 0.30 0.00	23.11 0.24 0.00	23.45 0.28 0.00	24.42 0.28 0.00	27.82 0.37 0.00	28.99 0.38 0.00	31.75 0.55 0.00	29.28 0.56 0.00	30.77 0.54 0.00	36.12 0.55 0.00	30.36 0.41 0.00	25.19 0.35 0.00	24.12 0.34 0.00
BETHLEHEM___GS1 323560	24.60 0.37 0.00	20.82 0.52 0.00	17.91 0.47 0.00	21.08 0.49 0.00	20.00 0.46 0.00	19.48 0.50 0.00	16.86 0.42 0.00	19.30 0.33 0.00	20.89 0.34 0.00	20.83 0.27 0.00	21.99 0.29 0.00	23.37 0.30 0.00	23.11 0.25 0.00	23.45 0.28 0.00	24.42 0.28 0.00	27.82 0.37 0.00	28.99 0.38 0.00	31.75 0.55 0.00	29.28 0.56 0.00	30.77 0.54 0.00	36.12 0.55 0.00	30.36 0.42 0.00	25.19 0.35 0.00	24.12 0.34 0.00
BETHLEHEM___GS2 323561	24.60 0.37 0.00	20.82 0.52 0.00	17.91 0.47 0.00	21.08 0.49 0.00	20.00 0.46 0.00	19.48 0.50 0.00	16.86 0.42 0.00	19.30 0.33 0.00	20.89 0.34 0.00	20.83 0.27 0.00	21.99 0.29 0.00	23.37 0.30 0.00	23.11 0.25 0.00	23.45 0.28 0.00	24.42 0.28 0.00	27.82 0.37 0.00	28.99 0.38 0.00	31.75 0.55 0.00	29.28 0.56 0.00	30.77 0.54 0.00	36.12 0.55 0.00	30.36 0.42 0.00	25.19 0.35 0.00	24.12 0.34 0.00
BETHLEHEM___GS3 323562	24.60 0.37 0.00	20.82 0.52 0.00	17.91 0.47 0.00	21.08 0.49 0.00	20.00 0.46 0.00	19.48 0.50 0.00	16.86 0.42 0.00	19.30 0.33 0.00	20.89 0.34 0.00	20.83 0.27 0.00	21.99 0.29 0.00	23.37 0.30 0.00	23.11 0.25 0.00	23.45 0.28 0.00	24.42 0.28 0.00	27.82 0.37 0.00	28.99 0.38 0.00	31.75 0.55 0.00	29.28 0.56 0.00	30.77 0.54 0.00	36.12 0.55 0.00	30.36 0.42 0.00	25.19 0.35 0.00	24.12 0.34 0.00
BETHLEHEM___STEEL 23779	23.32 -0.91 0.00	19.47 -0.83 0.00	16.76 -0.67 0.00	19.68 -0.92 0.00	18.75 -0.78 0.00	18.34 -0.64 0.00	15.83 -0.61 0.00	18.55 -0.41 0.00	20.07 -0.48 0.00	20.23 -0.33 0.00	21.48 -0.21 0.00	22.80 -0.27 0.00	22.59 -0.26 0.00	22.88 -0.28 0.00	24.00 -0.14 0.00	27.03 -0.43 0.00	27.69 -0.92 0.00	30.23 -0.97 0.00	27.63 -1.09 0.00	29.16 -1.07 0.00	34.02 -1.54 0.00	28.75 -1.20 0.00	24.11 -0.72 0.00	23.12 -0.66 0.00
BETHLHEM_115KV_TB1 79974	24.65 0.42 0.00	20.83 0.53 0.00	17.91 0.47 0.00	21.09 0.50 0.00	20.01 0.47 0.00	19.49 0.50 0.00	16.87 0.43 0.00	19.33 0.36 0.00	20.92 0.37 0.00	20.87 0.31 0.00	22.03 0.34 0.00	23.42 0.35 0.00	23.16 0.30 0.00	23.50 0.33 0.00	24.48 0.34 0.00	27.90 0.44 0.00	29.06 0.44 0.00	31.82 0.62 0.00	29.34 0.61 0.00	30.83 0.59 0.00	36.19 0.62 0.00	30.42 0.48 0.00	25.24 0.40 0.00	24.18 0.40 0.00
BETHPAGE_CC_5 323564	27.43 1.87 -1.34	43.83 1.62 -21.92	18.70 1.26 0.00	21.89 1.29 0.00	20.61 1.08 0.00	20.15 1.17 0.00	17.54 1.10 0.00	20.25 1.29 0.00	22.00 1.46 0.00	22.04 1.48 0.00	27.43 1.95 -3.79	30.14 2.21 -4.86	31.85 2.17 -6.82	29.78 2.20 -4.41	26.02 1.88 0.00	29.81 2.36 0.00	31.09 2.47 0.00	33.81 2.61 0.00	31.05 2.33 0.00	32.25 2.02 0.00	37.73 2.17 0.00	31.83 1.88 0.00	26.56 1.73 0.00	25.54 1.76 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.36 -0.86 0.00	19.50 -0.79 0.00	16.79 -0.64 0.00	19.71 -0.89 0.00	18.78 -0.75 0.00	18.38 -0.61 0.00	15.86 -0.58 0.00	18.59 -0.38 0.00	20.11 -0.43 0.00	20.28 -0.28 0.00	21.54 -0.16 0.00	22.87 -0.20 0.00	22.66 -0.20 0.00	22.96 -0.20 0.00	24.09 -0.06 0.00	27.13 -0.32 0.00	27.82 -0.79 0.00	30.37 -0.83 0.00	27.76 -0.96 0.00	29.28 -0.95 0.00	34.16 -1.41 0.00	28.85 -1.09 0.00	24.19 -0.65 0.00	23.17 -0.61 0.00

BINGHAMTON___COGEN 23790	23.94 -0.29 0.00	20.01 -0.28 0.00	17.22 -0.22 0.00	20.33 -0.27 0.00	19.32 -0.21 0.00	18.88 -0.11 0.00	16.35 -0.09 0.00	18.95 -0.01 0.00	20.52 -0.02 0.00	20.57 0.00 0.00	21.69 -0.01 0.00	23.08 0.01 0.00	22.88 0.02 0.00	23.23 0.07 0.00	24.32 0.18 0.00	27.64 0.18 0.00	28.67 0.06 0.00	31.18 -0.02 0.00	28.70 -0.02 0.00	30.13 -0.10 0.00	35.34 -0.22 0.00	29.78 -0.16 0.00	24.67 -0.16 0.00	23.59 -0.19 0.00
BIXINCNT_115KV_LOAD 355685	23.51 -0.71 0.00	19.63 -0.66 0.00	16.89 -0.54 0.00	19.87 -0.72 0.00	18.95 -0.59 0.00	18.58 -0.41 0.00	16.03 -0.41 0.00	18.78 -0.19 0.00	20.33 -0.21 0.00	20.50 -0.06 0.00	21.71 0.01 0.00	23.07 0.00 0.00	22.85 -0.01 0.00	23.18 0.02 0.00	24.33 0.19 0.00	27.44 -0.01 0.00	28.17 -0.45 0.00	30.64 -0.56 0.00	28.01 -0.72 0.00	29.49 -0.74 0.00	34.42 -1.14 0.00	29.08 -0.86 0.00	24.34 -0.50 0.00	23.30 -0.47 0.00
BLACK RIVER___HYD 24047	23.65 -0.57 0.00	19.49 -0.81 0.00	16.77 -0.67 0.00	19.82 -0.77 0.00	18.93 -0.61 0.00	18.64 -0.34 0.00	16.21 -0.24 0.00	18.76 -0.20 0.00	20.21 -0.34 0.00	20.16 -0.40 0.00	21.21 -0.48 0.00	22.43 -0.64 0.00	22.30 -0.56 0.00	22.61 -0.56 0.00	23.47 -0.67 0.00	26.75 -0.71 0.00	27.92 -0.69 0.00	6.17 -0.72 24.32	25.64 -0.45 2.64	30.11 -0.12 0.00	35.38 -0.18 0.00	29.59 -0.35 0.00	24.35 -0.48 0.00	23.14 -0.64 0.00
BLACKRVR_115KV_TB2 79977	23.65 -0.57 0.00	19.49 -0.81 0.00	16.77 -0.67 0.00	19.82 -0.77 0.00	18.93 -0.61 0.00	18.64 -0.34 0.00	16.21 -0.24 0.00	18.76 -0.20 0.00	20.21 -0.34 0.00	20.16 -0.40 0.00	21.21 -0.48 0.00	22.43 -0.64 0.00	22.30 -0.56 0.00	22.60 -0.56 0.00	23.47 -0.67 0.00	26.75 -0.71 0.00	27.92 -0.69 0.00	6.17 -0.72 24.32	25.64 -0.45 2.64	30.11 -0.12 0.00	35.38 -0.18 0.00	29.59 -0.35 0.00	24.35 -0.48 0.00	23.14 -0.64 0.00
BLISS_WT_PWR 323608	23.49 -0.73 0.00	19.62 -0.68 0.00	16.89 -0.55 0.00	19.86 -0.74 0.00	18.94 -0.60 0.00	18.57 -0.42 0.00	16.03 -0.41 0.00	18.80 -0.17 0.00	20.34 -0.21 0.00	20.50 -0.06 0.00	21.71 0.02 0.00	23.08 0.01 0.00	22.86 0.00 0.00	23.19 0.02 0.00	24.34 0.20 0.00	27.45 0.00 0.00	28.17 -0.45 0.00	30.64 -0.56 0.00	28.00 -0.72 0.00	29.48 -0.75 0.00	34.39 -1.17 0.00	29.06 -0.88 0.00	24.32 -0.51 0.00	23.29 -0.49 0.00
BLUESTONE___WT_PWR 323821	24.56 0.33 0.00	20.62 0.33 0.00	17.73 0.30 0.00	21.41 0.82 0.00	20.25 0.72 0.00	19.48 0.49 0.00	16.84 0.40 0.00	19.15 0.19 0.00	21.12 0.57 0.00	21.43 0.86 0.00	22.48 0.78 0.00	24.10 1.03 0.00	23.86 1.00 0.00	24.26 1.09 0.00	25.38 1.24 0.00	29.05 1.60 0.00	30.32 1.71 0.00	33.12 1.91 0.00	30.76 2.04 0.00	32.46 2.22 0.00	37.67 2.11 0.00	30.95 1.01 0.00	25.56 0.72 0.00	24.48 0.70 0.00
BLUE_CIRC_CHEM_DRP 24182	24.89 0.66 0.00	20.96 0.67 0.00	18.04 0.61 0.00	21.26 0.66 0.00	20.17 0.63 0.00	19.64 0.66 0.00	17.00 0.56 0.00	19.47 0.50 0.00	21.01 0.47 0.00	20.93 0.36 0.00	22.06 0.36 0.00	23.43 0.36 0.00	23.19 0.32 0.00	23.53 0.36 0.00	24.55 0.41 0.00	27.96 0.51 0.00	29.19 0.57 0.00	31.96 0.76 0.00	29.50 0.78 0.00	31.09 0.86 0.00	36.54 0.98 0.00	30.73 0.79 0.00	25.49 0.65 0.00	24.41 0.64 0.00
BOC_GAS_DRP 24189	24.73 0.51 0.00	20.80 0.50 0.00	17.88 0.44 0.00	21.07 0.48 0.00	19.98 0.44 0.00	19.45 0.47 0.00	16.86 0.42 0.00	19.38 0.41 0.00	20.98 0.43 0.00	20.94 0.38 0.00	22.12 0.42 0.00	23.52 0.45 0.00	23.29 0.43 0.00	23.63 0.46 0.00	24.62 0.47 0.00	28.04 0.59 0.00	29.21 0.60 0.00	31.94 0.74 0.00	29.43 0.70 0.00	30.91 0.67 0.00	36.30 0.73 0.00	30.53 0.58 0.00	25.33 0.49 0.00	24.27 0.49 0.00
BOONVILLE_115KV_TB1 79983	24.35 0.13 0.00	20.25 -0.05 0.00	17.41 -0.03 0.00	20.54 -0.06 0.00	19.54 0.00 0.00	19.12 0.13 0.00	16.60 0.15 0.00	19.18 0.22 0.00	20.72 0.18 0.00	20.71 0.15 0.00	21.82 0.12 0.00	23.18 0.11 0.00	22.99 0.13 0.00	23.30 0.14 0.00	24.29 0.15 0.00	27.63 0.17 0.00	28.82 0.21 0.00	18.27 0.30 13.22	27.68 0.39 1.43	30.76 0.53 0.00	36.10 0.54 0.00	30.30 0.35 0.00	25.06 0.22 0.00	23.87 0.10 0.00
BORALEX_4TH_BRANCH 23824	25.51 1.28 0.00	21.43 1.14 0.00	18.48 1.04 0.00	21.77 1.17 0.00	20.66 1.13 0.00	20.14 1.16 0.00	17.43 0.99 0.00	20.05 1.08 0.00	21.67 1.13 0.00	21.49 0.93 0.00	22.61 0.91 0.00	23.99 0.92 0.00	23.78 0.92 0.00	24.11 0.94 0.00	25.07 0.93 0.00	28.43 0.98 0.00	29.61 1.00 0.00	32.65 1.45 0.00	30.25 1.53 0.00	31.97 1.74 0.00	37.59 2.02 0.00	31.59 1.65 0.00	26.24 1.40 0.00	25.20 1.42 0.00
BOWLINE___1 23526	25.45 1.23 0.00	21.30 1.01 0.00	18.24 0.80 0.00	21.42 0.82 0.00	20.28 0.75 0.00	19.83 0.85 0.00	17.23 0.79 0.00	19.86 0.90 0.00	21.58 1.03 0.00	21.63 1.07 0.00	22.94 1.24 0.00	24.46 1.39 0.00	24.24 1.38 0.00	24.62 1.45 0.00	25.64 1.50 0.00	29.28 1.82 0.00	30.45 1.84 0.00	33.10 1.90 0.00	30.41 1.69 0.00	31.72 1.49 0.00	37.23 1.66 0.00	31.35 1.40 0.00	26.02 1.19 0.00	24.96 1.19 0.00
BOWLINE___2 23595	25.47 1.25 0.00	21.32 1.02 0.00	18.24 0.81 0.00	21.42 0.83 0.00	20.29 0.75 0.00	19.84 0.85 0.00	17.24 0.80 0.00	19.86 0.90 0.00	21.60 1.05 0.00	21.65 1.08 0.00	22.96 1.26 0.00	24.48 1.42 0.00	24.26 1.40 0.00	24.64 1.47 0.00	25.67 1.53 0.00	29.32 1.87 0.00	30.50 1.89 0.00	33.16 1.96 0.00	30.46 1.73 0.00	31.78 1.54 0.00	37.29 1.72 0.00	31.40 1.45 0.00	26.06 1.22 0.00	24.98 1.21 0.00
BRADY___115KV_TB2 356060	24.07 -0.15 0.00	20.10 -0.19 0.00	17.25 -0.19 0.00	20.41 -0.18 0.00	19.37 -0.16 0.00	18.76 -0.22 0.00	16.21 -0.23 0.00	18.65 -0.31 0.00	20.14 -0.40 0.00	20.24 -0.32 0.00	21.37 -0.33 0.00	22.70 -0.37 0.00	22.50 -0.37 0.00	22.71 -0.45 0.00	23.63 -0.52 0.00	26.75 -0.71 0.00	28.00 -0.61 0.00	-88.73 -0.95 118.98	14.98 -0.85 12.89	29.94 -0.29 0.00	35.51 -0.05 0.00	29.97 0.03 0.00	24.80 -0.03 0.00	23.70 -0.08 0.00
BRANSCOMB___SOLAR 323811	25.56 1.33 0.00	21.36 1.07 0.00	18.37 0.93 0.00	21.66 1.06 0.00	20.55 1.02 0.00	20.04 1.06 0.00	17.43 0.99 0.00	20.03 1.07 0.00	21.59 1.05 0.00	21.42 0.86 0.00	22.49 0.79 0.00	23.88 0.81 0.00	23.68 0.82 0.00	24.03 0.86 0.00	25.08 0.93 0.00	28.67 1.22 0.00	29.87 1.25 0.00	32.96 1.76 0.00	30.58 1.86 0.00	32.15 1.92 0.00	37.84 2.28 0.00	31.77 1.82 0.00	26.35 1.51 0.00	25.20 1.42 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	27.46 1.90 -1.34	43.92 1.71 -21.92	18.75 1.31 0.00	21.94 1.35 0.00	20.64 1.10 0.00	20.16 1.18 0.00	17.58 1.14 0.00	20.33 1.36 0.00	22.05 1.51 0.00	22.05 1.49 0.00	27.54 2.05 -3.79	30.25 2.33 -4.85	31.94 2.27 -6.82	29.76 2.18 -4.41	25.89 1.75 0.00	29.87 2.41 0.00	31.18 2.57 0.00	34.00 2.78 -0.02	31.23 2.51 0.00	32.49 2.26 0.00	38.03 2.47 0.00	32.03 2.08 0.00	26.64 1.80 0.00	25.70 1.93 0.00

BRISTLHL_115KV_TB1 79998	23.41 -0.82 0.00	19.61 -0.69 0.00	16.85 -0.59 0.00	19.87 -0.72 0.00	18.88 -0.66 0.00	18.38 -0.61 0.00	15.90 -0.54 0.00	18.41 -0.56 0.00	19.91 -0.63 0.00	19.89 -0.67 0.00	20.90 -0.80 0.00	22.18 -0.89 0.00	21.97 -0.89 0.00	22.30 -0.86 0.00	23.28 -0.86 0.00	26.45 -1.01 0.00	27.51 -1.10 0.00	26.77 -1.01 3.42	27.44 -0.91 0.37	29.31 -0.92 0.00	34.34 -1.23 0.00	28.88 -1.06 0.00	23.95 -0.89 0.00	22.90 -0.88 0.00
BROOKHAVEN___DRP 24191	27.14 1.58 -1.34	43.67 1.46 -21.92	18.52 1.08 0.00	21.68 1.09 0.00	20.40 0.87 0.00	19.90 0.92 0.00	17.41 0.97 0.00	20.16 1.19 0.00	21.86 1.31 0.00	21.80 1.24 0.00	27.25 1.76 -3.79	29.99 2.06 -4.85	31.73 2.05 -6.82	29.69 2.11 -4.41	25.88 1.74 0.00	29.71 2.26 0.00	31.03 2.42 0.00	33.75 2.55 0.00	31.05 2.33 0.00	32.31 2.08 0.00	37.78 2.22 0.00	31.78 1.84 0.00	26.44 1.60 0.00	25.49 1.72 0.00
BROOKLYN_NAVY_YARD 23515	25.84 1.61 0.00	21.63 1.34 0.00	18.52 1.08 0.00	21.72 1.12 0.00	20.57 1.03 0.00	20.12 1.13 0.00	17.47 1.03 0.00	20.11 1.14 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.32 1.62 0.00	24.89 1.82 0.00	24.66 1.80 0.00	25.06 1.89 0.00	26.11 1.97 0.00	29.85 2.40 0.00	31.01 2.40 0.00	33.68 2.48 0.00	30.89 2.17 0.00	32.21 1.97 0.00	37.77 2.20 0.00	31.86 1.92 0.00	26.41 1.58 0.00	25.32 1.54 0.00
BROOKLYN___ARMY_DRP 323595	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
BROOKVLE_69_KV_TB1 55790	27.52 1.96 -1.34	43.88 1.66 -21.92	18.74 1.31 0.00	21.95 1.35 0.00	20.69 1.15 0.00	20.22 1.24 0.00	17.60 1.16 0.00	20.32 1.35 0.00	22.09 1.55 0.00	22.14 1.58 0.00	27.52 2.03 -3.79	30.24 2.31 -4.85	31.97 2.29 -6.82	29.95 2.38 -4.41	26.39 2.24 0.00	30.16 2.70 0.00	31.36 2.74 0.00	34.09 2.89 0.00	31.26 2.54 0.00	32.50 2.27 0.00	38.08 2.52 0.00	32.08 2.14 0.00	26.80 1.96 0.00	25.71 1.93 0.00
BROOME_2_LFGE 323671	23.94 -0.29 0.00	20.01 -0.28 0.00	17.22 -0.22 0.00	20.33 -0.27 0.00	19.32 -0.21 0.00	18.88 -0.11 0.00	16.35 -0.09 0.00	18.96 -0.01 0.00	20.52 -0.02 0.00	20.57 0.00 0.00	21.69 -0.01 0.00	23.08 0.01 0.00	22.88 0.02 0.00	23.23 0.07 0.00	24.32 0.18 0.00	27.64 0.19 0.00	28.67 0.06 0.00	31.18 -0.02 0.00	28.70 -0.02 0.00	30.13 -0.10 0.00	35.34 -0.23 0.00	29.78 -0.16 0.00	24.67 -0.17 0.00	23.59 -0.19 0.00
BROOME___LFGE 323600	23.94 -0.29 0.00	20.01 -0.28 0.00	17.22 -0.22 0.00	20.33 -0.27 0.00	19.32 -0.21 0.00	18.88 -0.11 0.00	16.35 -0.09 0.00	18.96 -0.01 0.00	20.52 -0.02 0.00	20.57 0.00 0.00	21.69 -0.01 0.00	23.08 0.01 0.00	22.88 0.02 0.00	23.23 0.07 0.00	24.32 0.18 0.00	27.64 0.19 0.00	28.67 0.06 0.00	31.18 -0.02 0.00	28.70 -0.02 0.00	30.13 -0.10 0.00	35.34 -0.23 0.00	29.78 -0.16 0.00	24.67 -0.17 0.00	23.59 -0.19 0.00
BROWNFLS_115KV_TB_3_5 80003	23.46 -0.76 0.00	19.46 -0.83 0.00	16.72 -0.71 0.00	19.77 -0.83 0.00	18.81 -0.72 0.00	18.37 -0.61 0.00	15.92 -0.52 0.00	18.42 -0.55 0.00	19.89 -0.66 0.00	19.92 -0.64 0.00	21.00 -0.69 0.00	22.27 -0.79 0.00	22.10 -0.76 0.00	22.33 -0.83 0.00	23.22 -0.93 0.00	26.36 -1.09 0.00	27.59 -1.02 0.00	-32.17 -1.26 62.11	21.00 -1.00 6.73	29.63 -0.60 0.00	34.81 -0.75 0.00	29.23 -0.71 0.00	24.15 -0.68 0.00	23.03 -0.75 0.00
BROWNSV1_27_KV_LOAD 356125	26.14 1.91 0.00	21.87 1.58 0.00	18.71 1.27 0.00	21.93 1.33 0.00	20.77 1.23 0.00	20.31 1.33 0.00	17.65 1.21 0.00	20.34 1.37 0.00	22.14 1.59 0.00	22.21 1.64 0.00	23.59 1.89 0.00	25.17 2.10 0.00	24.93 2.07 0.00	25.35 2.18 0.00	26.41 2.27 0.00	30.20 2.74 0.00	31.38 2.77 0.00	34.08 2.88 0.00	31.26 2.54 0.00	32.58 2.34 0.00	38.26 2.69 0.00	32.27 2.32 0.00	26.76 1.92 0.00	25.61 1.84 0.00
BURROWS___LYONSDAL 23803	24.19 -0.03 0.00	20.07 -0.22 0.00	17.25 -0.19 0.00	20.37 -0.23 0.00	19.38 -0.15 0.00	19.00 0.02 0.00	16.50 0.06 0.00	19.08 0.12 0.00	20.61 0.07 0.00	20.60 0.04 0.00	21.70 0.00 0.00	23.04 -0.03 0.00	22.85 -0.01 0.00	23.14 -0.02 0.00	24.12 -0.03 0.00	27.44 -0.02 0.00	28.62 0.01 0.00	13.84 0.08 17.43	27.04 0.20 1.89	30.60 0.37 0.00	35.90 0.33 0.00	30.10 0.15 0.00	24.88 0.04 0.00	23.70 -0.08 0.00
CAITHNESS_CC_1 323624	27.14 1.58 -1.34	43.67 1.46 -21.92	18.52 1.08 0.00	21.68 1.09 0.00	20.40 0.87 0.00	19.91 0.92 0.00	17.40 0.96 0.00	20.14 1.17 0.00	21.84 1.30 0.00	21.80 1.23 0.00	27.24 1.76 -3.79	29.98 2.05 -4.86	31.70 2.03 -6.82	29.65 2.08 -4.41	25.84 1.70 0.00	29.66 2.21 0.00	30.97 2.36 0.00	33.67 2.47 0.00	30.98 2.26 0.00	32.24 2.01 0.00	37.70 2.13 0.00	31.73 1.78 0.00	26.40 1.56 0.00	25.46 1.68 0.00
CALPINE BETH_PAGE_GT4 24209	27.43 1.87 -1.34	43.83 1.62 -21.92	18.70 1.26 0.00	21.90 1.30 0.00	20.62 1.08 0.00	20.16 1.17 0.00	17.55 1.10 0.00	20.25 1.29 0.00	22.01 1.46 0.00	22.04 1.48 0.00	27.43 1.94 -3.79	30.13 2.21 -4.85	31.85 2.17 -6.82	29.74 2.17 -4.41	26.03 1.88 0.00	29.81 2.36 0.00	31.08 2.47 0.00	33.81 2.61 0.00	31.05 2.32 0.00	32.26 2.03 0.00	37.77 2.20 0.00	31.85 1.91 0.00	26.62 1.79 0.00	25.59 1.81 0.00
CALPINE_BETH_PAGE_GT_4 323586	27.43 1.87 -1.34	43.83 1.62 -21.92	18.70 1.26 0.00	21.90 1.30 0.00	20.62 1.08 0.00	20.16 1.17 0.00	17.55 1.10 0.00	20.25 1.29 0.00	22.01 1.46 0.00	22.04 1.48 0.00	27.43 1.94 -3.79	30.14 2.21 -4.86	31.85 2.17 -6.82	29.74 2.17 -4.41	26.03 1.88 0.00	29.81 2.36 0.00	31.08 2.47 0.00	33.81 2.61 0.00	31.05 2.32 0.00	32.26 2.03 0.00	37.78 2.21 0.00	31.86 1.91 0.00	26.62 1.79 0.00	25.59 1.81 0.00
CALPINE_BP_GT1 23823	27.43 1.87 -1.34	43.83 1.62 -21.92	18.70 1.26 0.00	21.90 1.30 0.00	20.62 1.08 0.00	20.16 1.17 0.00	17.55 1.10 0.00	20.25 1.29 0.00	22.01 1.46 0.00	22.04 1.48 0.00	27.43 1.94 -3.79	30.14 2.21 -4.86	31.85 2.17 -6.82	29.74 2.17 -4.41	26.03 1.88 0.00	29.81 2.36 0.00	31.08 2.47 0.00	33.81 2.61 0.00	31.05 2.32 0.00	32.26 2.03 0.00	37.78 2.21 0.00	31.86 1.91 0.00	26.62 1.79 0.00	25.59 1.81 0.00
CALSPAN___DRP 24200	23.32 -0.91 0.00	19.47 -0.83 0.00	16.76 -0.67 0.00	19.68 -0.92 0.00	18.75 -0.78 0.00	18.34 -0.64 0.00	15.83 -0.61 0.00	18.55 -0.41 0.00	20.07 -0.48 0.00	20.23 -0.33 0.00	21.48 -0.21 0.00	22.80 -0.27 0.00	22.59 -0.26 0.00	22.88 -0.28 0.00	24.00 -0.14 0.00	27.03 -0.43 0.00	27.69 -0.92 0.00	30.23 -0.97 0.00	27.63 -1.09 0.00	29.16 -1.07 0.00	34.02 -1.54 0.00	28.75 -1.20 0.00	24.11 -0.72 0.00	23.12 -0.66 0.00

CALVERTON___SOLAR 323806	27.16 1.60 -1.34	43.70 1.48 -21.92	18.53 1.09 0.00	21.70 1.10 0.00	20.41 0.88 0.00	19.91 0.93 0.00	17.44 1.00 0.00	20.19 1.22 0.00	21.89 1.35 0.00	21.84 1.28 0.00	27.29 1.81 -3.79	30.06 2.13 -4.86	31.79 2.12 -6.82	29.76 2.19 -4.41	25.97 1.83 0.00	29.82 2.37 0.00	31.16 2.55 0.00	33.87 2.67 0.00	31.18 2.46 0.00	32.45 2.22 0.00	37.94 2.37 0.00	31.91 1.96 0.00	26.54 1.70 0.00	25.57 1.79 0.00
CANDIGU_WT_PWR 323617	23.43 -0.79 0.00	19.57 -0.72 0.00	16.89 -0.55 0.00	19.93 -0.67 0.00	19.00 -0.54 0.00	18.61 -0.37 0.00	16.08 -0.36 0.00	18.75 -0.21 0.00	20.26 -0.28 0.00	20.38 -0.19 0.00	21.52 -0.17 0.00	22.89 -0.18 0.00	22.68 -0.18 0.00	23.05 -0.12 0.00	24.19 0.05 0.00	27.39 -0.07 0.00	28.21 -0.40 0.00	30.70 -0.50 0.00	28.18 -0.54 0.00	29.65 -0.58 0.00	34.75 -0.81 0.00	29.31 -0.64 0.00	24.39 -0.45 0.00	23.33 -0.45 0.00
CARR STREET_E_SYR 24060	23.55 -0.68 0.00	19.72 -0.57 0.00	16.95 -0.49 0.00	19.99 -0.61 0.00	18.98 -0.55 0.00	18.55 -0.44 0.00	16.08 -0.36 0.00	18.58 -0.39 0.00	20.11 -0.43 0.00	20.12 -0.45 0.00	21.17 -0.52 0.00	22.49 -0.58 0.00	22.31 -0.55 0.00	22.64 -0.53 0.00	23.64 -0.50 0.00	26.87 -0.58 0.00	28.00 -0.61 0.00	27.70 -0.71 2.79	27.78 -0.64 0.30	29.58 -0.65 0.00	34.63 -0.94 0.00	29.08 -0.86 0.00	24.11 -0.72 0.00	23.05 -0.73 0.00
CARTHAGE___PAPER 23857	23.82 -0.41 0.00	19.65 -0.65 0.00	16.90 -0.53 0.00	19.98 -0.62 0.00	19.06 -0.47 0.00	18.75 -0.24 0.00	16.29 -0.16 0.00	18.85 -0.11 0.00	20.31 -0.24 0.00	20.27 -0.30 0.00	21.33 -0.37 0.00	22.59 -0.48 0.00	22.44 -0.42 0.00	22.72 -0.44 0.00	23.61 -0.53 0.00	26.88 -0.57 0.00	28.08 -0.53 0.00	2.33 -0.55 28.32	25.37 -0.29 3.07	30.28 0.06 0.00	35.57 0.00 0.00	29.77 -0.17 0.00	24.54 -0.30 0.00	23.33 -0.45 0.00
CASSADAGA_WT_PWR 323784	23.87 -0.35 0.00	19.87 -0.42 0.00	17.15 -0.28 0.00	20.15 -0.45 0.00	19.24 -0.30 0.00	18.89 -0.10 0.00	16.34 -0.10 0.00	19.43 0.46 0.00	20.82 0.28 0.00	20.90 0.34 0.00	22.03 0.33 0.00	23.41 0.34 0.00	23.19 0.32 0.00	23.55 0.38 0.00	24.72 0.58 0.00	27.92 0.47 0.00	28.55 -0.06 0.00	30.99 -0.21 0.00	28.34 -0.39 0.00	29.85 -0.38 0.00	34.99 -0.58 0.00	29.54 -0.41 0.00	24.66 -0.18 0.00	23.58 -0.20 0.00
CE_DUNWOOD___DRP 24194	25.66 1.44 0.00	21.48 1.19 0.00	18.39 0.95 0.00	21.58 0.99 0.00	20.44 0.90 0.00	19.99 1.00 0.00	17.36 0.92 0.00	20.01 1.04 0.00	21.75 1.20 0.00	21.79 1.23 0.00	23.14 1.44 0.00	24.68 1.61 0.00	24.45 1.59 0.00	24.84 1.67 0.00	25.86 1.72 0.00	29.55 2.10 0.00	30.74 2.13 0.00	33.42 2.22 0.00	30.71 1.99 0.00	32.02 1.79 0.00	37.58 2.01 0.00	31.66 1.72 0.00	26.27 1.43 0.00	25.17 1.39 0.00
CE_MILLWOOD___DRP 24193	25.61 1.38 0.00	21.43 1.14 0.00	18.35 0.91 0.00	21.54 0.94 0.00	20.40 0.86 0.00	19.94 0.96 0.00	17.32 0.88 0.00	19.96 1.00 0.00	21.70 1.15 0.00	21.74 1.18 0.00	23.07 1.38 0.00	24.61 1.54 0.00	24.38 1.52 0.00	24.77 1.60 0.00	25.79 1.65 0.00	29.47 2.02 0.00	30.66 2.04 0.00	33.34 2.14 0.00	30.64 1.91 0.00	31.96 1.73 0.00	37.49 1.93 0.00	31.58 1.64 0.00	26.21 1.37 0.00	25.11 1.34 0.00
CE_NYC2_DRP 24202	25.87 1.65 0.00	21.66 1.37 0.00	18.55 1.11 0.00	21.72 1.12 0.00	20.58 1.05 0.00	20.13 1.15 0.00	17.52 1.08 0.00	20.14 1.18 0.00	21.94 1.39 0.00	22.00 1.44 0.00	23.38 1.68 0.00	24.93 1.86 0.00	24.70 1.84 0.00	25.11 1.94 0.00	26.15 2.01 0.00	29.88 2.43 0.00	31.03 2.42 0.00	33.66 2.46 0.00	30.90 2.17 0.00	32.20 1.97 0.00	37.84 2.27 0.00	31.92 1.98 0.00	26.46 1.62 0.00	25.35 1.57 0.00
CE_NYC_DRP 24195	25.87 1.65 0.00	21.66 1.37 0.00	18.54 1.10 0.00	21.74 1.15 0.00	20.59 1.05 0.00	20.14 1.15 0.00	17.49 1.04 0.00	20.14 1.17 0.00	21.92 1.37 0.00	21.98 1.42 0.00	23.35 1.65 0.00	24.92 1.85 0.00	24.68 1.82 0.00	25.08 1.91 0.00	26.13 1.99 0.00	29.86 2.40 0.00	31.03 2.42 0.00	33.69 2.49 0.00	30.92 2.20 0.00	32.21 1.98 0.00	37.82 2.25 0.00	31.90 1.96 0.00	26.46 1.62 0.00	25.34 1.56 0.00
CHAFFEE___LFGE 323603	23.42 -0.81 0.00	19.53 -0.76 0.00	16.82 -0.61 0.00	19.74 -0.85 0.00	18.82 -0.72 0.00	18.41 -0.57 0.00	15.90 -0.54 0.00	18.67 -0.30 0.00	20.19 -0.35 0.00	20.35 -0.21 0.00	21.61 -0.08 0.00	22.94 -0.12 0.00	22.74 -0.12 0.00	23.04 -0.13 0.00	24.16 0.02 0.00	27.23 -0.22 0.00	27.90 -0.71 0.00	30.44 -0.76 0.00	27.84 -0.88 0.00	29.35 -0.88 0.00	34.22 -1.34 0.00	28.94 -1.01 0.00	24.26 -0.58 0.00	23.23 -0.55 0.00
CHATEAUG_35_KV_LOAD 355732	23.90 -0.32 0.00	19.92 -0.37 0.00	17.09 -0.35 0.00	20.20 -0.39 0.00	19.18 -0.36 0.00	18.46 -0.52 0.00	15.78 -0.66 0.00	18.25 -0.71 0.00	19.83 -0.71 0.00	19.95 -0.62 0.00	21.03 -0.67 0.00	22.36 -0.71 0.00	22.14 -0.72 0.00	22.22 -0.95 0.00	22.95 -1.19 0.00	26.05 -1.41 0.00	27.66 -0.96 0.00	16.47 -0.91 13.82	26.41 -0.82 1.50	29.86 -0.37 0.00	35.18 -0.38 0.00	29.57 -0.37 0.00	24.68 -0.16 0.00	23.67 -0.10 0.00
CHATEAUG_WT_PWR 323614	24.13 -0.09 0.00	20.11 -0.18 0.00	17.24 -0.19 0.00	20.37 -0.23 0.00	19.31 -0.22 0.00	18.45 -0.54 0.00	15.52 -0.92 0.00	17.93 -1.04 0.00	19.55 -1.00 0.00	19.67 -0.90 0.00	20.68 -1.01 0.00	21.95 -1.12 0.00	21.74 -1.13 0.00	21.73 -1.44 0.00	22.29 -1.85 0.00	25.40 -2.05 0.00	27.42 -1.19 0.00	22.92 -0.81 7.47	27.20 -0.71 0.81	30.15 -0.07 0.00	35.49 -0.07 0.00	29.71 -0.24 0.00	25.02 0.18 0.00	24.08 0.30 0.00
CHAT_HIGH_FALL_HYD 323578	23.90 -0.32 0.00	19.92 -0.37 0.00	17.09 -0.35 0.00	20.20 -0.39 0.00	19.18 -0.36 0.00	18.46 -0.52 0.00	15.78 -0.66 0.00	18.25 -0.71 0.00	19.83 -0.71 0.00	19.95 -0.62 0.00	21.03 -0.67 0.00	22.36 -0.71 0.00	22.14 -0.72 0.00	22.22 -0.95 0.00	22.95 -1.19 0.00	26.05 -1.41 0.00	27.66 -0.96 0.00	16.47 -0.91 13.82	26.41 -0.82 1.50	29.86 -0.37 0.00	35.18 -0.38 0.00	29.57 -0.37 0.00	24.68 -0.16 0.00	23.67 -0.10 0.00
CHAUTAUQUA___LFGE 323629	23.57 -0.66 0.00	19.63 -0.66 0.00	16.94 -0.49 0.00	19.91 -0.68 0.00	19.01 -0.53 0.00	18.64 -0.35 0.00	16.10 -0.34 0.00	19.02 0.06 0.00	20.48 -0.07 0.00	20.60 0.04 0.00	21.80 0.10 0.00	23.16 0.10 0.00	22.93 0.07 0.00	23.28 0.11 0.00	24.45 0.30 0.00	27.57 0.12 0.00	28.20 -0.41 0.00	30.66 -0.54 0.00	28.04 -0.68 0.00	29.54 -0.69 0.00	34.58 -0.98 0.00	29.23 -0.72 0.00	24.44 -0.40 0.00	23.39 -0.39 0.00
CHERRYST_13_KV_LD 356241	25.95 1.72 0.00	21.72 1.43 0.00	18.59 1.16 0.00	21.80 1.21 0.00	20.65 1.11 0.00	20.20 1.22 0.00	17.55 1.10 0.00	20.21 1.25 0.00	22.00 1.46 0.00	22.08 1.51 0.00	23.45 1.75 0.00	25.04 1.97 0.00	24.79 1.93 0.00	25.20 2.04 0.00	26.26 2.12 0.00	30.00 2.54 0.00	31.17 2.56 0.00	33.83 2.63 0.00	31.04 2.31 0.00	32.33 2.10 0.00	37.95 2.39 0.00	32.02 2.07 0.00	26.54 1.71 0.00	25.41 1.64 0.00

CHESTROR_138KV_BK263 355645	25.32 1.09 0.00	21.18 0.88 0.00	18.14 0.71 0.00	21.32 0.72 0.00	20.20 0.66 0.00	19.73 0.75 0.00	17.14 0.70 0.00	19.76 0.79 0.00	21.46 0.91 0.00	21.49 0.92 0.00	22.77 1.07 0.00	24.27 1.20 0.00	24.06 1.20 0.00	24.43 1.26 0.00	25.47 1.33 0.00	29.09 1.63 0.00	30.28 1.66 0.00	32.97 1.77 0.00	30.31 1.59 0.00	31.68 1.44 0.00	37.16 1.60 0.00	31.28 1.33 0.00	25.94 1.10 0.00	24.85 1.07 0.00
CH_MIDHUDSON___DRP 24192	25.60 1.37 0.00	21.41 1.12 0.00	18.35 0.91 0.00	21.56 0.96 0.00	20.42 0.89 0.00	19.95 0.97 0.00	17.34 0.90 0.00	19.98 1.01 0.00	21.69 1.15 0.00	21.71 1.15 0.00	23.02 1.32 0.00	24.53 1.46 0.00	24.31 1.45 0.00	24.70 1.54 0.00	25.73 1.58 0.00	29.42 1.96 0.00	30.62 2.01 0.00	33.39 2.19 0.00	30.73 2.01 0.00	32.08 1.85 0.00	37.61 2.05 0.00	31.64 1.70 0.00	26.23 1.40 0.00	25.12 1.34 0.00
CH_MISC_IPPS 23765	25.73 1.50 0.00	21.51 1.22 0.00	18.42 0.99 0.00	21.64 1.05 0.00	20.50 0.96 0.00	20.03 1.05 0.00	17.41 0.97 0.00	20.07 1.11 0.00	21.80 1.26 0.00	21.83 1.27 0.00	23.15 1.45 0.00	24.68 1.62 0.00	24.47 1.61 0.00	24.88 1.72 0.00	25.93 1.79 0.00	29.65 2.20 0.00	30.89 2.27 0.00	33.66 2.46 0.00	30.97 2.24 0.00	32.32 2.09 0.00	37.89 2.33 0.00	31.87 1.92 0.00	26.41 1.57 0.00	25.26 1.49 0.00
CH_RES_BVR_FALLS 23983	23.82 -0.40 0.00	19.87 -0.42 0.00	17.08 -0.36 0.00	20.16 -0.44 0.00	19.19 -0.35 0.00	18.64 -0.35 0.00	16.14 -0.31 0.00	18.65 -0.32 0.00	20.25 -0.29 0.00	20.31 -0.25 0.00	21.45 -0.25 0.00	22.79 -0.28 0.00	22.58 -0.28 0.00	22.82 -0.35 0.00	23.75 -0.39 0.00	26.96 -0.49 0.00	28.17 -0.45 0.00	35.11 -0.55 -4.45	28.67 -0.54 -0.48	29.75 -0.48 0.00	35.03 -0.54 0.00	29.48 -0.47 0.00	24.45 -0.39 0.00	23.39 -0.39 0.00
CH_RES_NIAGARA 23895	22.66 -1.56 0.00	18.97 -1.33 0.00	16.32 -1.11 0.00	19.14 -1.46 0.00	18.23 -1.30 0.00	17.79 -1.19 0.00	15.35 -1.09 0.00	17.96 -1.00 0.00	19.41 -1.14 0.00	19.54 -1.02 0.00	20.74 -0.96 0.00	21.79 -1.28 0.00	21.57 -1.29 0.00	21.81 -1.36 0.00	22.82 -1.33 0.00	25.70 -1.75 0.00	26.50 -2.11 0.00	28.97 -2.23 0.00	26.31 -2.42 0.00	27.81 -2.42 0.00	32.44 -3.13 0.00	27.47 -2.47 0.00	23.28 -1.56 0.00	22.47 -1.30 0.00
CH_RES_SYRACUSE 23985	23.71 -0.51 0.00	19.87 -0.43 0.00	17.07 -0.37 0.00	20.13 -0.47 0.00	19.11 -0.43 0.00	18.76 -0.22 0.00	16.33 -0.11 0.00	18.65 -0.31 0.00	20.17 -0.38 0.00	20.15 -0.41 0.00	21.21 -0.49 0.00	22.52 -0.55 0.00	22.34 -0.52 0.00	22.68 -0.49 0.00	23.66 -0.48 0.00	26.98 -0.47 0.00	28.47 -0.15 0.00	28.19 -0.50 2.51	28.02 -0.44 0.27	30.20 -0.03 0.00	35.32 -0.24 0.00	29.31 -0.63 0.00	24.28 -0.56 0.00	23.19 -0.58 0.00
CLINTON_WT_PWR 323605	24.13 -0.09 0.00	20.11 -0.18 0.00	17.24 -0.19 0.00	20.37 -0.23 0.00	19.31 -0.22 0.00	18.45 -0.54 0.00	15.52 -0.92 0.00	17.93 -1.04 0.00	19.55 -1.00 0.00	19.67 -0.90 0.00	20.68 -1.01 0.00	21.95 -1.12 0.00	21.74 -1.13 0.00	21.73 -1.44 0.00	22.29 -1.85 0.00	25.40 -2.05 0.00	27.42 -1.19 0.00	22.92 -0.81 7.47	27.20 -0.71 0.81	30.15 -0.07 0.00	35.49 -0.07 0.00	29.71 -0.24 0.00	25.02 0.18 0.00	24.08 0.30 0.00
CLINTON___LFGE 323618	24.38 0.15 0.00	20.33 0.04 0.00	17.42 -0.01 0.00	20.58 -0.01 0.00	19.49 -0.05 0.00	18.64 -0.35 0.00	15.64 -0.80 0.00	18.02 -0.95 0.00	19.60 -0.94 0.00	19.69 -0.87 0.00	20.75 -0.94 0.00	22.02 -1.05 0.00	21.81 -1.05 0.00	21.88 -1.29 0.00	22.50 -1.64 0.00	25.65 -1.81 0.00	27.63 -0.98 0.00	22.17 -0.53 8.50	27.38 -0.42 0.92	30.36 0.13 0.00	35.77 0.21 0.00	29.94 -0.01 0.00	25.20 0.36 0.00	24.31 0.53 0.00
COBBLENY_34_KV_TB1 80064	23.42 -0.81 0.00	19.53 -0.76 0.00	16.82 -0.61 0.00	19.74 -0.85 0.00	18.82 -0.72 0.00	18.41 -0.57 0.00	15.90 -0.54 0.00	18.65 -0.32 0.00	20.19 -0.35 0.00	20.35 -0.21 0.00	21.61 -0.09 0.00	22.94 -0.13 0.00	22.74 -0.12 0.00	23.03 -0.14 0.00	24.16 0.02 0.00	27.23 -0.23 0.00	27.90 -0.71 0.00	30.44 -0.76 0.00	27.84 -0.89 0.00	29.35 -0.88 0.00	34.24 -1.32 0.00	28.94 -1.01 0.00	24.26 -0.57 0.00	23.23 -0.55 0.00
COFFEEN___115KV_TB3 355620	23.79 -0.44 0.00	19.60 -0.69 0.00	16.87 -0.57 0.00	19.94 -0.66 0.00	19.04 -0.49 0.00	18.75 -0.23 0.00	16.30 -0.14 0.00	18.86 -0.11 0.00	20.28 -0.27 0.00	20.22 -0.34 0.00	21.26 -0.44 0.00	22.46 -0.61 0.00	22.34 -0.52 0.00	22.67 -0.49 0.00	23.52 -0.63 0.00	26.82 -0.63 0.00	28.00 -0.61 0.00	7.00 -0.59 23.60	25.86 -0.31 2.56	30.31 0.08 0.00	35.70 0.13 0.00	29.85 -0.09 0.00	24.54 -0.30 0.00	23.30 -0.48 0.00
COLDSPRG_115KV_BK1 355956	24.06 -0.16 0.00	20.04 -0.25 0.00	17.28 -0.16 0.00	20.31 -0.28 0.00	19.39 -0.15 0.00	19.03 0.05 0.00	16.49 0.05 0.00	19.81 0.84 0.00	21.21 0.67 0.00	21.26 0.70 0.00	22.30 0.60 0.00	23.66 0.59 0.00	23.46 0.60 0.00	23.82 0.66 0.00	25.02 0.88 0.00	28.30 0.84 0.00	28.98 0.37 0.00	31.50 0.30 0.00	28.83 0.11 0.00	30.35 0.12 0.00	35.51 -0.05 0.00	29.94 -0.01 0.00	24.93 0.09 0.00	23.81 0.03 0.00
COLONIE_LFGE___ 323577	25.19 0.97 0.00	21.14 0.84 0.00	18.19 0.75 0.00	21.44 0.84 0.00	20.34 0.80 0.00	19.81 0.83 0.00	17.18 0.74 0.00	19.76 0.79 0.00	21.36 0.82 0.00	21.25 0.69 0.00	22.39 0.69 0.00	23.78 0.71 0.00	23.56 0.70 0.00	23.90 0.73 0.00	24.90 0.76 0.00	28.36 0.91 0.00	29.55 0.93 0.00	32.48 1.28 0.00	30.02 1.30 0.00	31.59 1.36 0.00	37.10 1.54 0.00	31.18 1.24 0.00	25.87 1.03 0.00	24.80 1.02 0.00
COOPERNY_115KV_TB1 80082	25.00 0.77 0.00	20.92 0.62 0.00	17.93 0.49 0.00	21.11 0.51 0.00	20.01 0.47 0.00	19.51 0.53 0.00	16.94 0.49 0.00	19.52 0.55 0.00	21.20 0.65 0.00	21.24 0.68 0.00	22.49 0.80 0.00	23.97 0.90 0.00	23.76 0.90 0.00	24.11 0.94 0.00	25.14 1.00 0.00	28.69 1.24 0.00	29.87 1.26 0.00	32.55 1.35 0.00	29.95 1.23 0.00	31.35 1.12 0.00	36.75 1.18 0.00	30.85 0.90 0.00	25.57 0.74 0.00	24.50 0.72 0.00
COPENHAGEN_WT_PWR 323753	23.49 -0.74 0.00	19.31 -0.98 0.00	16.63 -0.81 0.00	19.67 -0.93 0.00	18.80 -0.74 0.00	18.53 -0.45 0.00	16.13 -0.31 0.00	18.70 -0.27 0.00	20.16 -0.38 0.00	20.12 -0.44 0.00	21.17 -0.53 0.00	22.39 -0.68 0.00	22.25 -0.62 0.00	22.54 -0.63 0.00	23.41 -0.73 0.00	26.66 -0.79 0.00	27.82 -0.79 0.00	7.99 -0.86 22.35	25.70 -0.60 2.42	29.90 -0.33 0.00	35.06 -0.50 0.00	29.30 -0.65 0.00	24.13 -0.71 0.00	22.93 -0.85 0.00
CORNELL_____ 23752	24.21 -0.01 0.00	20.26 -0.04 0.00	17.40 -0.04 0.00	20.55 -0.04 0.00	19.52 -0.02 0.00	19.08 0.10 0.00	16.57 0.12 0.00	19.13 0.17 0.00	20.66 0.11 0.00	20.63 0.07 0.00	21.70 0.00 0.00	23.05 -0.02 0.00	22.86 0.00 0.00	23.22 0.05 0.00	24.30 0.15 0.00	27.66 0.20 0.00	28.84 0.23 0.00	29.73 0.18 1.65	28.83 0.28 0.18	30.70 0.47 0.00	35.99 0.42 0.00	30.20 0.26 0.00	24.99 0.15 0.00	23.83 0.05 0.00

CORONA__69_KV_TB1 355595	27.44 1.88 -1.34	43.81 1.60 -21.92	18.69 1.26 0.00	21.89 1.29 0.00	20.64 1.11 0.00	20.18 1.19 0.00	17.53 1.08 0.00	20.20 1.24 0.00	21.95 1.41 0.00	21.99 1.43 0.00	27.34 1.85 -3.79	29.99 2.07 -4.85	31.72 2.05 -6.82	29.72 2.15 -4.41	26.17 2.02 0.00	29.97 2.52 0.00	31.16 2.55 0.00	33.90 2.70 0.00	31.12 2.39 0.00	32.38 2.15 0.00	37.98 2.41 0.00	32.02 2.08 0.00	26.70 1.86 0.00	25.65 1.87 0.00
CORTLAND__115KV_TB3 80093	24.15 -0.08 0.00	20.19 -0.10 0.00	17.34 -0.09 0.00	20.48 -0.12 0.00	19.45 -0.08 0.00	19.02 0.03 0.00	16.50 0.06 0.00	19.08 0.12 0.00	20.61 0.06 0.00	20.59 0.03 0.00	21.68 -0.02 0.00	23.04 -0.03 0.00	22.84 -0.02 0.00	23.20 0.03 0.00	24.26 0.12 0.00	27.57 0.12 0.00	28.70 0.08 0.00	29.01 0.04 2.23	28.58 0.10 0.24	30.40 0.17 0.00	35.70 0.14 0.00	30.05 0.10 0.00	24.88 0.04 0.00	23.75 -0.03 0.00
COXSACKIE__GT 23611	25.89 1.66 0.00	21.80 1.50 0.00	18.75 1.31 0.00	22.09 1.49 0.00	20.97 1.43 0.00	20.44 1.46 0.00	17.71 1.27 0.00	20.30 1.33 0.00	21.80 1.25 0.00	21.48 0.92 0.00	22.53 0.84 0.00	23.91 0.84 0.00	23.78 0.92 0.00	24.18 1.01 0.00	25.28 1.14 0.00	29.02 1.57 0.00	30.30 1.69 0.00	33.61 2.41 0.00	31.09 2.36 0.00	32.92 2.69 0.00	38.69 3.12 0.00	32.45 2.50 0.00	26.80 1.96 0.00	25.55 1.77 0.00
CPV__VALLEY__CC1 323721	25.11 0.89 0.00	21.01 0.72 0.00	18.00 0.57 0.00	21.17 0.58 0.00	20.06 0.52 0.00	19.59 0.61 0.00	17.01 0.57 0.00	19.61 0.64 0.00	21.29 0.75 0.00	21.33 0.77 0.00	22.60 0.90 0.00	24.09 1.02 0.00	23.87 1.01 0.00	24.22 1.05 0.00	25.25 1.10 0.00	28.83 1.38 0.00	30.00 1.38 0.00	32.66 1.46 0.00	30.03 1.30 0.00	31.39 1.16 0.00	36.82 1.26 0.00	30.99 1.05 0.00	25.71 0.87 0.00	24.65 0.87 0.00
CPV__VALLEY__CC2 323722	25.11 0.89 0.00	21.01 0.72 0.00	18.00 0.57 0.00	21.17 0.58 0.00	20.06 0.52 0.00	19.59 0.61 0.00	17.01 0.57 0.00	19.61 0.64 0.00	21.29 0.75 0.00	21.33 0.77 0.00	22.60 0.90 0.00	24.09 1.02 0.00	23.87 1.01 0.00	24.22 1.05 0.00	25.25 1.10 0.00	28.83 1.38 0.00	30.00 1.38 0.00	32.66 1.46 0.00	30.03 1.30 0.00	31.39 1.16 0.00	36.82 1.26 0.00	30.99 1.05 0.00	25.71 0.87 0.00	24.65 0.87 0.00
CRESCENT__HYD 24018	25.19 0.97 0.00	21.14 0.84 0.00	18.19 0.75 0.00	21.44 0.84 0.00	20.34 0.80 0.00	19.81 0.83 0.00	17.18 0.74 0.00	19.76 0.79 0.00	21.36 0.82 0.00	21.25 0.69 0.00	22.39 0.69 0.00	23.78 0.71 0.00	23.56 0.70 0.00	23.90 0.73 0.00	24.90 0.76 0.00	28.36 0.91 0.00	29.55 0.93 0.00	32.48 1.28 0.00	30.02 1.30 0.00	31.59 1.36 0.00	37.10 1.54 0.00	31.18 1.24 0.00	25.87 1.03 0.00	24.80 1.02 0.00
CRICKET__VALLEY_CC1 323756	25.38 1.15 0.00	21.22 0.93 0.00	18.21 0.77 0.00	21.41 0.81 0.00	20.30 0.76 0.00	19.83 0.85 0.00	17.22 0.78 0.00	19.81 0.85 0.00	21.50 0.96 0.00	21.47 0.91 0.00	22.73 1.04 0.00	24.20 1.13 0.00	23.98 1.12 0.00	24.36 1.19 0.00	25.32 1.18 0.00	28.96 1.51 0.00	30.14 1.52 0.00	32.93 1.73 0.00	30.36 1.63 0.00	31.71 1.48 0.00	37.21 1.64 0.00	31.26 1.32 0.00	25.95 1.11 0.00	24.86 1.08 0.00
CRICKET__VALLEY_CC2 323757	25.38 1.15 0.00	21.22 0.93 0.00	18.21 0.77 0.00	21.41 0.81 0.00	20.30 0.76 0.00	19.83 0.85 0.00	17.22 0.78 0.00	19.81 0.85 0.00	21.50 0.96 0.00	21.47 0.91 0.00	22.73 1.04 0.00	24.20 1.13 0.00	23.98 1.12 0.00	24.36 1.19 0.00	25.32 1.18 0.00	28.96 1.51 0.00	30.14 1.52 0.00	32.93 1.73 0.00	30.36 1.63 0.00	31.71 1.48 0.00	37.21 1.64 0.00	31.26 1.32 0.00	25.95 1.11 0.00	24.86 1.08 0.00
CRICKET__VALLEY_CC3 323758	25.38 1.15 0.00	21.22 0.93 0.00	18.21 0.77 0.00	21.41 0.81 0.00	20.30 0.76 0.00	19.83 0.85 0.00	17.22 0.78 0.00	19.81 0.85 0.00	21.50 0.96 0.00	21.47 0.91 0.00	22.73 1.04 0.00	24.20 1.13 0.00	23.98 1.12 0.00	24.36 1.19 0.00	25.32 1.18 0.00	28.96 1.51 0.00	30.14 1.52 0.00	32.93 1.73 0.00	30.36 1.63 0.00	31.71 1.48 0.00	37.21 1.64 0.00	31.26 1.32 0.00	25.95 1.11 0.00	24.86 1.08 0.00
CRUCIBLE__METL_DRP 24180	23.71 -0.51 0.00	19.87 -0.43 0.00	17.07 -0.37 0.00	20.13 -0.47 0.00	19.11 -0.43 0.00	18.76 -0.22 0.00	16.33 -0.11 0.00	18.65 -0.31 0.00	20.17 -0.38 0.00	20.15 -0.41 0.00	21.21 -0.49 0.00	22.52 -0.55 0.00	22.34 -0.52 0.00	22.68 -0.49 0.00	23.66 -0.48 0.00	26.98 -0.47 0.00	28.47 -0.15 0.00	28.19 -0.50 2.51	28.02 -0.43 0.27	30.20 -0.03 0.00	35.32 -0.24 0.00	29.31 -0.63 0.00	24.28 -0.56 0.00	23.20 -0.58 0.00
DAHOWA__HYDRO 323763	25.67 1.44 0.00	21.43 1.14 0.00	18.43 0.99 0.00	21.72 1.13 0.00	20.62 1.08 0.00	20.11 1.13 0.00	17.51 1.07 0.00	20.14 1.17 0.00	21.71 1.16 0.00	21.52 0.96 0.00	22.57 0.87 0.00	23.96 0.89 0.00	23.76 0.90 0.00	24.10 0.93 0.00	25.17 1.02 0.00	28.80 1.35 0.00	30.01 1.39 0.00	33.15 1.95 0.00	30.77 2.05 0.00	32.33 2.09 0.00	38.05 2.49 0.00	31.94 2.00 0.00	26.49 1.66 0.00	25.32 1.54 0.00
DANC__LFGE 323619	23.39 -0.83 0.00	19.38 -0.91 0.00	16.67 -0.77 0.00	19.69 -0.90 0.00	18.77 -0.76 0.00	18.42 -0.56 0.00	16.00 -0.44 0.00	18.53 -0.43 0.00	20.00 -0.55 0.00	19.97 -0.60 0.00	21.00 -0.70 0.00	22.24 -0.83 0.00	22.08 -0.78 0.00	22.39 -0.78 0.00	23.30 -0.84 0.00	26.51 -0.94 0.00	27.64 -0.98 0.00	14.75 -1.00 15.45	26.27 -0.78 1.67	29.61 -0.62 0.00	34.71 -0.85 0.00	29.08 -0.87 0.00	24.00 -0.84 0.00	22.86 -0.91 0.00
DANSKAMMER__1 23586	25.73 1.50 0.00	21.51 1.22 0.00	18.42 0.99 0.00	21.64 1.05 0.00	20.50 0.96 0.00	20.03 1.05 0.00	17.41 0.97 0.00	20.07 1.11 0.00	21.80 1.26 0.00	21.83 1.27 0.00	23.15 1.45 0.00	24.68 1.62 0.00	24.47 1.61 0.00	24.88 1.72 0.00	25.93 1.79 0.00	29.65 2.20 0.00	30.89 2.27 0.00	33.66 2.46 0.00	30.97 2.24 0.00	32.32 2.09 0.00	37.89 2.33 0.00	31.87 1.92 0.00	26.41 1.57 0.00	25.26 1.49 0.00
DANSKAMMER__2 23589	25.73 1.50 0.00	21.51 1.22 0.00	18.42 0.99 0.00	21.64 1.05 0.00	20.50 0.96 0.00	20.03 1.05 0.00	17.41 0.97 0.00	20.07 1.11 0.00	21.80 1.26 0.00	21.83 1.27 0.00	23.15 1.45 0.00	24.68 1.62 0.00	24.47 1.61 0.00	24.88 1.72 0.00	25.93 1.79 0.00	29.65 2.20 0.00	30.89 2.27 0.00	33.66 2.46 0.00	30.97 2.24 0.00	32.32 2.09 0.00	37.89 2.33 0.00	31.87 1.92 0.00	26.41 1.57 0.00	25.26 1.49 0.00
DANSKAMMER__3 23590	25.73 1.50 0.00	21.51 1.22 0.00	18.42 0.99 0.00	21.64 1.05 0.00	20.50 0.96 0.00	20.03 1.05 0.00	17.41 0.97 0.00	20.07 1.11 0.00	21.80 1.26 0.00	21.83 1.27 0.00	23.15 1.45 0.00	24.68 1.62 0.00	24.47 1.61 0.00	24.88 1.72 0.00	25.93 1.79 0.00	29.65 2.20 0.00	30.89 2.27 0.00	33.66 2.46 0.00	30.97 2.24 0.00	32.32 2.09 0.00	37.89 2.33 0.00	31.87 1.92 0.00	26.41 1.57 0.00	25.26 1.49 0.00

DANSKAMMER___4 23591	25.73 1.50 0.00	21.51 1.22 0.00	18.42 0.99 0.00	21.64 1.05 0.00	20.50 0.96 0.00	20.03 1.05 0.00	17.41 0.97 0.00	20.07 1.11 0.00	21.80 1.26 0.00	21.83 1.27 0.00	23.15 1.45 0.00	24.68 1.62 0.00	24.47 1.61 0.00	24.88 1.72 0.00	25.93 1.79 0.00	29.65 2.20 0.00	30.89 2.27 0.00	33.66 2.46 0.00	30.97 2.24 0.00	32.32 2.09 0.00	37.89 2.33 0.00	31.87 1.92 0.00	26.41 1.57 0.00	25.26 1.49 0.00
DANSKAMMER___DIESEL 23592	25.73 1.50 0.00	21.51 1.22 0.00	18.43 0.99 0.00	21.64 1.05 0.00	20.50 0.96 0.00	20.04 1.06 0.00	17.41 0.97 0.00	20.08 1.11 0.00	21.80 1.26 0.00	21.83 1.27 0.00	23.15 1.45 0.00	24.68 1.62 0.00	24.47 1.61 0.00	24.88 1.72 0.00	25.93 1.79 0.00	29.65 2.20 0.00	30.89 2.28 0.00	33.66 2.46 0.00	30.97 2.24 0.00	32.32 2.09 0.00	37.89 2.33 0.00	31.87 1.92 0.00	26.40 1.57 0.00	25.26 1.49 0.00
DARBY___SOLAR 323810	25.56 1.33 0.00	21.35 1.06 0.00	18.36 0.92 0.00	21.65 1.06 0.00	20.54 1.01 0.00	20.03 1.05 0.00	17.43 0.98 0.00	20.04 1.08 0.00	21.61 1.07 0.00	21.44 0.87 0.00	22.49 0.79 0.00	23.87 0.80 0.00	23.68 0.82 0.00	24.01 0.84 0.00	25.07 0.93 0.00	28.67 1.21 0.00	29.87 1.26 0.00	32.98 1.78 0.00	30.59 1.87 0.00	32.15 1.92 0.00	37.84 2.28 0.00	31.77 1.82 0.00	26.36 1.52 0.00	25.20 1.42 0.00
DASHVILLE___HYD 23610	25.52 1.29 0.00	21.32 1.03 0.00	18.26 0.82 0.00	21.44 0.85 0.00	20.31 0.77 0.00	19.84 0.86 0.00	17.25 0.81 0.00	19.91 0.94 0.00	21.62 1.08 0.00	21.67 1.11 0.00	22.99 1.29 0.00	24.50 1.43 0.00	24.29 1.43 0.00	24.70 1.53 0.00	25.72 1.58 0.00	29.42 1.97 0.00	30.62 2.01 0.00	33.35 2.15 0.00	30.68 1.95 0.00	32.00 1.77 0.00	37.52 1.96 0.00	31.55 1.61 0.00	26.15 1.31 0.00	25.03 1.25 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	27.37 1.81 -1.34	43.82 1.61 -21.92	18.61 1.18 0.00	21.77 1.17 0.00	20.48 0.95 0.00	20.02 1.04 0.00	17.52 1.08 0.00	20.37 1.41 0.00	22.24 1.69 0.00	22.31 1.74 0.00	27.84 2.35 -3.79	30.75 2.83 -4.85	32.54 2.86 -6.82	30.55 2.98 -4.41	26.79 2.64 0.00	30.75 3.30 0.00	32.14 3.52 0.00	34.79 3.59 0.00	32.04 3.32 0.00	33.44 3.20 0.00	39.03 3.47 0.00	32.79 2.85 0.00	27.25 2.41 0.00	26.23 2.45 0.00
DELAWARE___LFGE 323621	24.58 0.36 0.00	20.57 0.28 0.00	17.67 0.23 0.00	20.91 0.32 0.00	19.83 0.29 0.00	19.29 0.30 0.00	16.73 0.29 0.00	19.30 0.33 0.00	20.94 0.40 0.00	21.00 0.44 0.00	22.19 0.49 0.00	23.61 0.54 0.00	23.39 0.53 0.00	23.72 0.55 0.00	24.78 0.63 0.00	28.22 0.77 0.00	29.38 0.77 0.00	32.02 0.82 0.00	29.50 0.78 0.00	30.99 0.75 0.00	36.38 0.81 0.00	30.61 0.67 0.00	25.37 0.53 0.00	24.28 0.50 0.00
DERFIELD_115KV_TB7 355931	24.30 0.07 0.00	20.35 0.06 0.00	17.50 0.06 0.00	20.65 0.06 0.00	19.59 0.06 0.00	19.06 0.08 0.00	16.52 0.07 0.00	19.04 0.08 0.00	20.63 0.08 0.00	20.62 0.06 0.00	21.75 0.05 0.00	23.12 0.06 0.00	22.91 0.05 0.00	23.24 0.07 0.00	24.22 0.08 0.00	27.56 0.11 0.00	28.69 0.08 0.00	29.23 0.13 2.11	28.64 0.14 0.23	30.35 0.12 0.00	35.66 0.10 0.00	30.02 0.07 0.00	24.91 0.07 0.00	23.85 0.07 0.00
DOGLEVILLE___HYD 23807	24.39 0.17 0.00	20.59 0.30 0.00	17.69 0.25 0.00	20.93 0.34 0.00	19.79 0.26 0.00	19.25 0.27 0.00	16.73 0.28 0.00	19.11 0.14 0.00	20.55 0.00 0.00	20.49 -0.08 0.00	21.57 -0.12 0.00	23.00 -0.07 0.00	22.77 -0.09 0.00	23.04 -0.12 0.00	24.07 -0.07 0.00	27.55 0.10 0.00	28.73 0.11 0.00	29.48 0.39 2.11	29.16 0.66 0.23	31.06 0.83 0.00	36.45 0.89 0.00	30.58 0.64 0.00	25.37 0.53 0.00	24.27 0.49 0.00
DUNKIRK___115KV_TB_200 55889	23.52 -0.70 0.00	19.59 -0.70 0.00	16.91 -0.53 0.00	19.87 -0.72 0.00	18.97 -0.57 0.00	18.60 -0.39 0.00	16.07 -0.38 0.00	18.94 -0.02 0.00	20.43 -0.11 0.00	20.55 -0.01 0.00	21.75 0.05 0.00	23.11 0.04 0.00	22.88 0.02 0.00	23.23 0.07 0.00	24.40 0.25 0.00	27.51 0.06 0.00	28.14 -0.47 0.00	30.61 -0.59 0.00	27.99 -0.74 0.00	29.49 -0.73 0.00	34.53 -1.04 0.00	29.17 -0.78 0.00	24.39 -0.45 0.00	23.35 -0.43 0.00
DUNKIRK___1 23563	23.52 -0.70 0.00	19.59 -0.70 0.00	16.91 -0.53 0.00	19.87 -0.72 0.00	18.97 -0.57 0.00	18.60 -0.39 0.00	16.07 -0.38 0.00	18.94 -0.02 0.00	20.43 -0.11 0.00	20.55 -0.01 0.00	21.75 0.05 0.00	23.11 0.04 0.00	22.88 0.02 0.00	23.23 0.07 0.00	24.40 0.25 0.00	27.51 0.06 0.00	28.14 -0.47 0.00	30.61 -0.59 0.00	27.99 -0.74 0.00	29.49 -0.73 0.00	34.53 -1.04 0.00	29.17 -0.78 0.00	24.39 -0.45 0.00	23.35 -0.43 0.00
DUNKIRK___2 23564	23.52 -0.70 0.00	19.59 -0.70 0.00	16.91 -0.53 0.00	19.87 -0.72 0.00	18.97 -0.57 0.00	18.60 -0.39 0.00	16.07 -0.38 0.00	18.94 -0.02 0.00	20.43 -0.11 0.00	20.55 -0.01 0.00	21.75 0.05 0.00	23.11 0.04 0.00	22.88 0.02 0.00	23.23 0.07 0.00	24.40 0.25 0.00	27.51 0.06 0.00	28.14 -0.47 0.00	30.61 -0.59 0.00	27.99 -0.74 0.00	29.49 -0.73 0.00	34.53 -1.04 0.00	29.17 -0.78 0.00	24.39 -0.45 0.00	23.35 -0.43 0.00
DUNKIRK___3 23565	23.40 -0.83 0.00	19.51 -0.78 0.00	16.82 -0.61 0.00	19.78 -0.82 0.00	18.87 -0.67 0.00	18.49 -0.49 0.00	15.96 -0.48 0.00	18.78 -0.19 0.00	20.28 -0.27 0.00	20.41 -0.15 0.00	21.62 -0.07 0.00	22.97 -0.10 0.00	22.75 -0.11 0.00	23.09 -0.08 0.00	24.25 0.11 0.00	27.35 -0.11 0.00	27.99 -0.62 0.00	30.46 -0.75 0.00	27.85 -0.88 0.00	29.33 -0.90 0.00	34.32 -1.25 0.00	28.99 -0.96 0.00	24.24 -0.60 0.00	23.21 -0.56 0.00
DUNKIRK___4 23566	23.40 -0.83 0.00	19.51 -0.78 0.00	16.82 -0.61 0.00	19.78 -0.82 0.00	18.87 -0.67 0.00	18.49 -0.49 0.00	15.96 -0.48 0.00	18.78 -0.19 0.00	20.28 -0.27 0.00	20.41 -0.15 0.00	21.62 -0.07 0.00	22.97 -0.10 0.00	22.75 -0.11 0.00	23.09 -0.08 0.00	24.25 0.11 0.00	27.35 -0.11 0.00	27.99 -0.62 0.00	30.46 -0.75 0.00	27.85 -0.88 0.00	29.33 -0.90 0.00	34.32 -1.25 0.00	28.99 -0.96 0.00	24.24 -0.60 0.00	23.21 -0.56 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.73 1.50 0.00	21.54 1.24 0.00	18.44 1.01 0.00	21.64 1.05 0.00	20.49 0.95 0.00	20.03 1.05 0.00	17.41 0.97 0.00	20.06 1.09 0.00	21.80 1.26 0.00	21.85 1.29 0.00	23.21 1.51 0.00	24.76 1.69 0.00	24.52 1.66 0.00	24.91 1.74 0.00	25.94 1.79 0.00	29.65 2.19 0.00	30.83 2.22 0.00	33.51 2.31 0.00	30.79 2.06 0.00	32.10 1.87 0.00	37.67 2.10 0.00	31.75 1.80 0.00	26.34 1.51 0.00	25.24 1.46 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.51 1.28 0.00	21.32 1.03 0.00	18.26 0.83 0.00	21.46 0.86 0.00	20.33 0.79 0.00	19.86 0.88 0.00	17.26 0.82 0.00	19.90 0.93 0.00	21.61 1.07 0.00	21.65 1.08 0.00	22.95 1.25 0.00	24.46 1.40 0.00	24.25 1.39 0.00	24.64 1.47 0.00	25.68 1.54 0.00	29.36 1.90 0.00	30.56 1.95 0.00	33.29 2.09 0.00	30.62 1.90 0.00	31.96 1.73 0.00	37.49 1.93 0.00	31.54 1.60 0.00	26.14 1.31 0.00	25.04 1.26 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	25.87 1.64 0.00	21.67 1.37 0.00	18.53 1.09 0.00	21.70 1.11 0.00	20.58 1.05 0.00	20.12 1.14 0.00	17.49 1.05 0.00	20.11 1.14 0.00	21.90 1.36 0.00	21.95 1.39 0.00	23.33 1.64 0.00	24.87 1.80 0.00	24.65 1.79 0.00	25.05 1.88 0.00	26.08 1.94 0.00	29.80 2.34 0.00	30.94 2.33 0.00	33.63 2.43 0.00	30.88 2.16 0.00	32.20 1.97 0.00	37.79 2.22 0.00	31.88 1.94 0.00	26.42 1.58 0.00	25.32 1.55 0.00
E179THST_13_KV_LOAD 356214	26.01 1.78 0.00	21.77 1.48 0.00	18.62 1.18 0.00	21.81 1.22 0.00	20.68 1.15 0.00	20.22 1.23 0.00	17.58 1.14 0.00	20.21 1.25 0.00	22.03 1.48 0.00	22.07 1.51 0.00	23.46 1.77 0.00	25.01 1.94 0.00	24.81 1.94 0.00	25.20 2.04 0.00	26.24 2.09 0.00	29.97 2.51 0.00	31.13 2.52 0.00	33.83 2.63 0.00	31.07 2.35 0.00	32.38 2.15 0.00	38.01 2.44 0.00	32.08 2.13 0.00	26.58 1.74 0.00	25.47 1.69 0.00
EAST HAMPTON___GT 23717	27.26 1.70 -1.34	43.70 1.48 -21.92	18.47 1.03 0.00	21.58 0.99 0.00	20.31 0.77 0.00	19.92 0.94 0.00	17.41 0.97 0.00	20.32 1.36 0.00	22.34 1.80 0.00	22.56 2.00 0.00	28.16 2.68 -3.79	31.21 3.28 -4.86	33.04 3.36 -6.82	31.07 3.49 -4.41	27.28 3.13 0.00	31.25 3.79 0.00	32.65 4.03 0.00	35.11 3.91 0.00	32.38 3.66 0.00	33.99 3.77 0.00	39.67 4.10 0.00	33.33 3.38 0.00	27.71 2.87 0.00	26.70 2.92 0.00
EAST RIVER___6 23660	25.94 1.72 0.00	21.71 1.42 0.00	18.58 1.15 0.00	21.79 1.19 0.00	20.63 1.10 0.00	20.18 1.20 0.00	17.51 1.07 0.00	20.14 1.17 0.00	21.94 1.39 0.00	22.00 1.44 0.00	23.38 1.68 0.00	24.97 1.90 0.00	24.72 1.86 0.00	25.13 1.97 0.00	26.18 2.04 0.00	29.91 2.46 0.00	31.08 2.46 0.00	33.72 2.52 0.00	30.95 2.22 0.00	32.24 2.01 0.00	37.87 2.31 0.00	31.94 2.00 0.00	26.49 1.65 0.00	25.34 1.57 0.00
EAST RIVER___7 23524	25.94 1.72 0.00	21.71 1.42 0.00	18.58 1.15 0.00	21.79 1.19 0.00	20.63 1.10 0.00	20.18 1.20 0.00	17.51 1.07 0.00	20.14 1.17 0.00	21.94 1.39 0.00	22.00 1.44 0.00	23.38 1.68 0.00	24.97 1.90 0.00	24.72 1.86 0.00	25.13 1.97 0.00	26.18 2.04 0.00	29.91 2.46 0.00	31.08 2.46 0.00	33.72 2.52 0.00	30.95 2.22 0.00	32.24 2.01 0.00	37.87 2.31 0.00	31.94 2.00 0.00	26.49 1.65 0.00	25.34 1.57 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.66 1.44 0.00	21.48 1.19 0.00	18.39 0.95 0.00	21.58 0.99 0.00	20.44 0.90 0.00	19.99 1.00 0.00	17.36 0.92 0.00	20.01 1.04 0.00	21.75 1.20 0.00	21.79 1.23 0.00	23.14 1.44 0.00	24.68 1.61 0.00	24.45 1.59 0.00	24.84 1.67 0.00	25.86 1.72 0.00	29.55 2.10 0.00	30.74 2.13 0.00	33.42 2.22 0.00	30.71 1.99 0.00	32.02 1.79 0.00	37.58 2.01 0.00	31.66 1.72 0.00	26.27 1.43 0.00	25.17 1.39 0.00
EAST_HAMPTON___DIESEL 23722	27.21 1.64 -1.34	43.64 1.43 -21.92	18.43 0.99 0.00	21.53 0.93 0.00	20.26 0.72 0.00	19.87 0.89 0.00	17.36 0.92 0.00	20.28 1.32 0.00	22.31 1.76 0.00	22.54 1.98 0.00	28.16 2.67 -3.79	31.21 3.28 -4.86	33.05 3.37 -6.82	31.07 3.49 -4.41	27.27 3.13 0.00	31.25 3.79 0.00	32.65 4.04 0.00	35.12 3.91 0.00	32.38 3.66 0.00	33.99 3.77 0.00	39.68 4.11 0.00	33.33 3.38 0.00	27.73 2.89 0.00	26.70 2.92 0.00
EAST_POINT___SOLAR 323840	25.52 1.30 0.00	21.25 0.96 0.00	18.24 0.80 0.00	21.57 0.98 0.00	20.46 0.92 0.00	19.92 0.93 0.00	17.23 0.79 0.00	19.36 0.40 0.00	20.65 0.10 0.00	20.66 0.10 0.00	21.80 0.10 0.00	23.14 0.07 0.00	23.00 0.14 0.00	23.23 0.07 0.00	24.51 0.37 0.00	28.20 0.75 0.00	29.52 0.91 0.00	32.22 1.01 0.00	29.98 1.25 0.00	31.98 1.75 0.00	37.84 2.27 0.00	31.91 1.97 0.00	26.42 1.58 0.00	25.22 1.44 0.00
EAST_PULASKI___ESR 323781	23.37 -0.86 0.00	19.49 -0.80 0.00	16.75 -0.69 0.00	19.77 -0.83 0.00	18.80 -0.73 0.00	18.36 -0.62 0.00	15.90 -0.54 0.00	18.41 -0.55 0.00	19.90 -0.65 0.00	19.86 -0.70 0.00	20.88 -0.82 0.00	22.13 -0.93 0.00	21.97 -0.90 0.00	22.29 -0.87 0.00	23.24 -0.91 0.00	26.42 -1.03 0.00	27.50 -1.11 0.00	21.64 -1.06 8.51	26.91 -0.89 0.92	29.39 -0.84 0.00	34.45 -1.11 0.00	28.92 -1.02 0.00	23.94 -0.90 0.00	22.85 -0.93 0.00
EAST_RIVER___1 323558	25.87 1.65 0.00	21.66 1.37 0.00	18.54 1.10 0.00	21.74 1.14 0.00	20.59 1.05 0.00	20.14 1.15 0.00	17.49 1.05 0.00	20.14 1.17 0.00	21.92 1.37 0.00	21.98 1.42 0.00	23.35 1.65 0.00	24.92 1.85 0.00	24.68 1.82 0.00	25.08 1.91 0.00	26.13 1.99 0.00	29.86 2.40 0.00	31.03 2.42 0.00	33.69 2.49 0.00	30.92 2.19 0.00	32.21 1.98 0.00	37.83 2.26 0.00	31.90 1.96 0.00	26.46 1.62 0.00	25.34 1.56 0.00
EAST_RIVER___2 323559	25.94 1.72 0.00	21.71 1.42 0.00	18.58 1.15 0.00	21.79 1.19 0.00	20.63 1.10 0.00	20.18 1.20 0.00	17.51 1.07 0.00	20.14 1.17 0.00	21.94 1.39 0.00	22.00 1.44 0.00	23.38 1.68 0.00	24.97 1.90 0.00	24.72 1.86 0.00	25.13 1.97 0.00	26.18 2.04 0.00	29.91 2.46 0.00	31.08 2.46 0.00	33.72 2.52 0.00	30.95 2.22 0.00	32.24 2.01 0.00	37.87 2.31 0.00	31.94 2.00 0.00	26.49 1.65 0.00	25.34 1.57 0.00
EAST___DELAWARE_HYD 23607	24.81 0.58 0.00	20.72 0.43 0.00	17.73 0.30 0.00	20.84 0.25 0.00	19.75 0.21 0.00	19.28 0.30 0.00	16.76 0.32 0.00	19.33 0.36 0.00	21.00 0.46 0.00	21.02 0.46 0.00	22.28 0.58 0.00	23.74 0.67 0.00	23.56 0.70 0.00	24.00 0.83 0.00	25.01 0.86 0.00	28.62 1.17 0.00	29.86 1.24 0.00	32.61 1.41 0.00	30.06 1.34 0.00	31.45 1.21 0.00	36.83 1.26 0.00	30.85 0.91 0.00	25.52 0.68 0.00	24.39 0.62 0.00
EIGHT_POINT___WT_PWR 323820	23.50 -0.73 0.00	19.64 -0.66 0.00	16.96 -0.47 0.00	20.04 -0.55 0.00	19.14 -0.40 0.00	18.75 -0.23 0.00	16.21 -0.23 0.00	18.87 -0.10 0.00	20.38 -0.17 0.00	20.50 -0.06 0.00	21.64 -0.05 0.00	23.05 -0.02 0.00	22.86 0.00 0.00	23.23 0.06 0.00	24.38 0.24 0.00	27.61 0.16 0.00	28.44 -0.17 0.00	30.98 -0.22 0.00	28.44 -0.28 0.00	29.99 -0.24 0.00	35.11 -0.45 0.00	29.59 -0.36 0.00	24.65 -0.18 0.00	23.61 -0.17 0.00
ELBRIDGE_115KV_TB2 80188	23.61 -0.62 0.00	19.78 -0.51 0.00	16.99 -0.44 0.00	20.05 -0.55 0.00	19.03 -0.51 0.00	18.75 -0.24 0.00	16.37 -0.07 0.00	18.54 -0.42 0.00	20.03 -0.52 0.00	19.98 -0.58 0.00	21.03 -0.67 0.00	22.34 -0.73 0.00	22.15 -0.71 0.00	22.47 -0.70 0.00	23.44 -0.71 0.00	26.82 -0.64 0.00	28.54 -0.07 0.00	28.24 -0.68 2.28	27.89 -0.59 0.25	30.34 0.11 0.00	35.48 -0.09 0.00	29.21 -0.73 0.00	24.18 -0.65 0.00	23.10 -0.68 0.00
ELEC_TRO_TEK 24086	27.27 1.71 -1.34	43.69 1.48 -21.92	18.59 1.16 0.00	21.78 1.19 0.00	20.54 1.00 0.00	20.08 1.09 0.00	17.46 1.01 0.00	20.13 1.17 0.00	21.87 1.33 0.00	21.91 1.35 0.00	27.25 1.76 -3.79	29.92 2.00 -4.85	31.65 1.97 -6.82	29.62 2.05 -4.41	26.04 1.90 0.00	29.77 2.32 0.00	31.00 2.38 0.00	33.72 2.51 0.00	30.95 2.23 0.00	32.20 1.97 0.00	37.74 2.17 0.00	31.82 1.88 0.00	26.51 1.68 0.00	25.47 1.69 0.00

ELLENBURG_WT_PWR 323604	24.13 -0.09 0.00	20.11 -0.18 0.00	17.24 -0.19 0.00	20.37 -0.23 0.00	19.31 -0.22 0.00	18.45 -0.54 0.00	15.52 -0.92 0.00	17.93 -1.04 0.00	19.55 -1.00 0.00	19.67 -0.90 0.00	20.68 -1.01 0.00	21.95 -1.12 0.00	21.74 -1.13 0.00	21.73 -1.44 0.00	22.29 -1.85 0.00	25.40 -2.05 0.00	27.42 -1.19 0.00	22.92 -0.81 7.47	27.20 -0.71 0.81	30.15 -0.07 0.00	35.49 -0.07 0.00	29.71 -0.24 0.00	25.02 0.18 0.00	24.08 0.30 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.24 -0.99 0.00	19.41 -0.88 0.00	16.72 -0.72 0.00	19.62 -0.98 0.00	18.70 -0.84 0.00	18.28 -0.70 0.00	15.78 -0.66 0.00	18.50 -0.47 0.00	20.00 -0.54 0.00	20.16 -0.41 0.00	21.41 -0.29 0.00	22.71 -0.36 0.00	22.50 -0.36 0.00	22.78 -0.39 0.00	23.89 -0.25 0.00	26.88 -0.58 0.00	27.49 -1.12 0.00	30.00 -1.20 0.00	27.41 -1.32 0.00	28.92 -1.31 0.00	33.76 -1.81 0.00	28.54 -1.41 0.00	23.96 -0.87 0.00	22.99 -0.79 0.00
EMPIRE_CC_1 323656	24.91 0.69 0.00	20.94 0.65 0.00	18.02 0.58 0.00	21.23 0.63 0.00	20.14 0.60 0.00	19.61 0.62 0.00	16.99 0.55 0.00	19.52 0.55 0.00	21.12 0.57 0.00	21.02 0.45 0.00	22.18 0.48 0.00	23.55 0.48 0.00	23.30 0.44 0.00	23.61 0.45 0.00	24.57 0.43 0.00	27.98 0.53 0.00	29.12 0.51 0.00	31.94 0.74 0.00	29.49 0.76 0.00	30.99 0.76 0.00	36.40 0.83 0.00	30.59 0.65 0.00	25.40 0.57 0.00	24.43 0.65 0.00
EMPIRE_CC_2 323658	24.91 0.69 0.00	20.94 0.65 0.00	18.02 0.58 0.00	21.23 0.63 0.00	20.14 0.60 0.00	19.61 0.62 0.00	16.99 0.55 0.00	19.52 0.55 0.00	21.12 0.57 0.00	21.02 0.45 0.00	22.18 0.48 0.00	23.55 0.48 0.00	23.30 0.44 0.00	23.61 0.45 0.00	24.57 0.43 0.00	27.98 0.53 0.00	29.12 0.51 0.00	31.94 0.74 0.00	29.49 0.76 0.00	30.99 0.76 0.00	36.40 0.83 0.00	30.59 0.65 0.00	25.40 0.57 0.00	24.43 0.65 0.00
ENORWICH_115KV_TB1 80156	25.20 0.97 0.00	21.14 0.85 0.00	18.13 0.70 0.00	21.63 1.03 0.00	20.46 0.92 0.00	19.91 0.93 0.00	17.27 0.83 0.00	19.85 0.88 0.00	21.52 0.97 0.00	21.58 1.02 0.00	22.58 0.88 0.00	24.09 1.02 0.00	23.88 1.02 0.00	24.24 1.08 0.00	25.50 1.36 0.00	29.04 1.59 0.00	30.32 1.71 0.00	33.15 1.95 0.00	30.89 2.16 0.00	32.81 2.58 0.00	38.19 2.63 0.00	31.74 1.80 0.00	26.22 1.38 0.00	24.99 1.21 0.00
ERIE_ST__34_KV_TB1-2 80199	23.41 -0.81 0.00	19.53 -0.76 0.00	16.82 -0.62 0.00	19.74 -0.85 0.00	18.82 -0.72 0.00	18.41 -0.58 0.00	15.89 -0.55 0.00	18.62 -0.34 0.00	20.15 -0.39 0.00	20.33 -0.24 0.00	21.59 -0.11 0.00	22.92 -0.15 0.00	22.72 -0.14 0.00	22.98 -0.19 0.00	24.12 -0.03 0.00	27.21 -0.24 0.00	27.96 -0.66 0.00	30.51 -0.69 0.00	27.91 -0.81 0.00	29.43 -0.80 0.00	34.31 -1.25 0.00	28.96 -0.98 0.00	24.23 -0.61 0.00	23.21 -0.57 0.00
ERIE_WT_PWR 323693	23.33 -0.89 0.00	19.48 -0.82 0.00	16.77 -0.66 0.00	19.69 -0.91 0.00	18.76 -0.77 0.00	18.35 -0.63 0.00	15.84 -0.60 0.00	18.59 -0.37 0.00	20.09 -0.45 0.00	20.24 -0.32 0.00	21.50 -0.19 0.00	22.83 -0.24 0.00	22.61 -0.25 0.00	22.90 -0.27 0.00	24.02 -0.13 0.00	27.04 -0.41 0.00	27.71 -0.90 0.00	30.25 -0.95 0.00	27.66 -1.07 0.00	29.17 -1.06 0.00	34.02 -1.54 0.00	28.77 -1.17 0.00	24.13 -0.71 0.00	23.13 -0.65 0.00
ESPRGFLD_115KV_TB1 80157	24.99 0.76 0.00	20.81 0.52 0.00	17.85 0.42 0.00	21.16 0.57 0.00	20.07 0.53 0.00	19.50 0.51 0.00	16.91 0.47 0.00	19.48 0.51 0.00	21.09 0.54 0.00	21.23 0.67 0.00	22.43 0.73 0.00	23.84 0.77 0.00	23.64 0.78 0.00	23.85 0.68 0.00	24.99 0.85 0.00	28.52 1.06 0.00	29.77 1.16 0.00	32.36 1.16 0.00	29.94 1.21 0.00	31.55 1.32 0.00	37.05 1.48 0.00	31.15 1.20 0.00	25.81 0.97 0.00	24.66 0.89 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.19 -0.04 0.00	20.23 -0.06 0.00	17.37 -0.06 0.00	20.53 -0.07 0.00	19.49 -0.04 0.00	19.06 0.08 0.00	16.55 0.11 0.00	19.10 0.14 0.00	20.63 0.08 0.00	20.60 0.04 0.00	21.67 -0.03 0.00	23.01 -0.05 0.00	22.83 -0.03 0.00	23.19 0.02 0.00	24.26 0.12 0.00	27.62 0.16 0.00	28.80 0.19 0.00	29.67 0.13 1.66	28.77 0.22 0.18	30.64 0.41 0.00	35.92 0.36 0.00	30.14 0.20 0.00	24.95 0.11 0.00	23.81 0.03 0.00
ETNA____115KV_TB2 80207	24.19 -0.04 0.00	20.23 -0.06 0.00	17.37 -0.06 0.00	20.53 -0.07 0.00	19.49 -0.04 0.00	19.06 0.08 0.00	16.55 0.11 0.00	19.10 0.14 0.00	20.63 0.08 0.00	20.60 0.04 0.00	21.67 -0.03 0.00	23.01 -0.05 0.00	22.83 -0.03 0.00	23.19 0.02 0.00	24.26 0.12 0.00	27.62 0.16 0.00	28.80 0.19 0.00	29.67 0.13 1.66	28.77 0.22 0.18	30.64 0.41 0.00	35.92 0.36 0.00	30.14 0.20 0.00	24.95 0.11 0.00	23.81 0.03 0.00
EUCLID____115KV_TB2 356179	23.49 -0.73 0.00	19.68 -0.61 0.00	16.91 -0.52 0.00	19.95 -0.65 0.00	18.94 -0.59 0.00	18.48 -0.50 0.00	16.02 -0.42 0.00	18.50 -0.46 0.00	20.04 -0.51 0.00	20.04 -0.52 0.00	21.08 -0.61 0.00	22.40 -0.67 0.00	22.20 -0.66 0.00	22.54 -0.63 0.00	23.53 -0.62 0.00	26.73 -0.72 0.00	27.85 -0.76 0.00	27.51 -0.84 2.84	27.65 -0.76 0.31	29.46 -0.76 0.00	34.50 -1.06 0.00	28.99 -0.96 0.00	24.04 -0.80 0.00	22.99 -0.79 0.00
E_CANADA_CAP_HY 24051	25.28 1.05 0.00	21.03 0.74 0.00	18.05 0.61 0.00	21.37 0.78 0.00	20.27 0.73 0.00	19.69 0.71 0.00	17.05 0.61 0.00	19.52 0.56 0.00	21.02 0.47 0.00	21.11 0.55 0.00	22.29 0.59 0.00	23.65 0.58 0.00	23.48 0.61 0.00	23.60 0.43 0.00	24.77 0.63 0.00	28.29 0.84 0.00	29.59 0.97 0.00	32.22 1.02 0.00	29.90 1.17 0.00	31.63 1.40 0.00	37.27 1.70 0.00	31.48 1.53 0.00	26.10 1.27 0.00	24.96 1.18 0.00
E_CANADA_MHWK_HY 24050	24.39 0.17 0.00	20.59 0.30 0.00	17.69 0.25 0.00	20.93 0.34 0.00	19.79 0.26 0.00	19.25 0.27 0.00	16.73 0.28 0.00	19.11 0.14 0.00	20.55 0.00 0.00	20.49 -0.08 0.00	21.57 -0.12 0.00	23.00 -0.07 0.00	22.77 -0.09 0.00	23.04 -0.12 0.00	24.07 -0.07 0.00	27.55 0.10 0.00	28.73 0.11 0.00	29.48 0.39 2.11	29.16 0.66 0.23	31.06 0.83 0.00	36.45 0.89 0.00	30.58 0.64 0.00	25.37 0.53 0.00	24.27 0.49 0.00
E_FISHKILL____LBMP 23776	25.47 1.24 0.00	21.32 1.02 0.00	18.27 0.83 0.00	21.46 0.87 0.00	20.33 0.80 0.00	19.87 0.88 0.00	17.26 0.81 0.00	19.87 0.91 0.00	21.58 1.03 0.00	21.60 1.04 0.00	22.91 1.21 0.00	24.41 1.34 0.00	24.18 1.32 0.00	24.57 1.40 0.00	25.58 1.43 0.00	29.22 1.77 0.00	30.40 1.79 0.00	33.12 1.92 0.00	30.46 1.73 0.00	31.81 1.58 0.00	37.32 1.76 0.00	31.41 1.47 0.00	26.06 1.23 0.00	24.97 1.20 0.00
FALCON____SEABRD_CC1 323796	24.32 0.09 0.00	20.27 -0.02 0.00	17.38 -0.06 0.00	20.52 -0.08 0.00	19.43 -0.11 0.00	18.49 -0.49 0.00	15.50 -0.94 0.00	17.86 -1.10 0.00	19.44 -1.10 0.00	19.54 -1.02 0.00	20.58 -1.12 0.00	21.84 -1.23 0.00	21.63 -1.23 0.00	21.69 -1.48 0.00	22.31 -1.83 0.00	25.46 -1.99 0.00	27.61 -1.00 0.00	23.12 -0.59 7.49	27.36 -0.55 0.81	30.24 0.01 0.00	35.63 0.06 0.00	29.83 -0.12 0.00	25.17 0.34 0.00	24.24 0.46 0.00

FALCON___SEABRD_CC2 323797	24.32 0.09 0.00	20.27 -0.02 0.00	17.38 -0.06 0.00	20.52 -0.08 0.00	19.43 -0.11 0.00	18.49 -0.49 0.00	15.50 -0.94 0.00	17.86 -1.10 0.00	19.44 -1.10 0.00	19.54 -1.02 0.00	20.58 -1.12 0.00	21.84 -1.23 0.00	21.63 -1.23 0.00	21.69 -1.48 0.00	22.31 -1.83 0.00	25.46 -1.99 0.00	27.61 -1.00 0.00	23.12 -0.59 7.49	27.36 -0.55 0.81	30.24 0.01 0.00	35.63 0.06 0.00	29.83 -0.12 0.00	25.17 0.34 0.00	24.24 0.46 0.00
FAR ROCKAWAY___4 23548	27.66 2.10 -1.34	43.99 1.78 -21.92	18.84 1.41 0.00	22.06 1.47 0.00	20.80 1.27 0.00	20.34 1.35 0.00	17.66 1.22 0.00	20.37 1.40 0.00	22.14 1.59 0.00	22.18 1.62 0.00	27.56 2.07 -3.79	30.09 2.16 -4.85	31.83 2.15 -6.82	29.84 2.27 -4.41	26.34 2.19 0.00	30.32 2.86 0.00	31.38 2.77 0.00	34.11 2.90 0.00	31.29 2.56 0.00	32.55 2.32 0.00	38.16 2.59 0.00	32.18 2.23 0.00	26.87 2.04 0.00	25.90 2.12 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.88 1.66 0.00	21.67 1.37 0.00	18.55 1.11 0.00	21.74 1.15 0.00	20.59 1.06 0.00	20.14 1.16 0.00	17.50 1.05 0.00	20.16 1.19 0.00	21.94 1.39 0.00	22.00 1.44 0.00	23.36 1.66 0.00	24.93 1.86 0.00	24.69 1.83 0.00	25.10 1.93 0.00	26.14 2.00 0.00	29.88 2.43 0.00	31.05 2.44 0.00	33.71 2.51 0.00	30.93 2.21 0.00	32.23 2.00 0.00	37.84 2.28 0.00	31.92 1.98 0.00	26.48 1.64 0.00	25.35 1.58 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.90 1.67 0.00	21.68 1.39 0.00	18.56 1.12 0.00	21.76 1.17 0.00	20.61 1.07 0.00	20.16 1.17 0.00	17.50 1.06 0.00	20.16 1.20 0.00	21.94 1.40 0.00	22.01 1.44 0.00	23.38 1.68 0.00	24.94 1.87 0.00	24.70 1.84 0.00	25.11 1.94 0.00	26.15 2.01 0.00	29.90 2.44 0.00	31.07 2.46 0.00	33.73 2.53 0.00	30.95 2.23 0.00	32.26 2.03 0.00	37.88 2.31 0.00	31.95 2.01 0.00	26.49 1.66 0.00	25.38 1.60 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.86 1.64 0.00	21.65 1.36 0.00	18.53 1.09 0.00	21.73 1.13 0.00	20.58 1.04 0.00	20.13 1.15 0.00	17.48 1.04 0.00	20.14 1.17 0.00	21.92 1.37 0.00	21.98 1.42 0.00	23.34 1.65 0.00	24.91 1.84 0.00	24.67 1.81 0.00	25.07 1.90 0.00	26.12 1.97 0.00	29.85 2.40 0.00	31.02 2.41 0.00	33.68 2.48 0.00	30.91 2.18 0.00	32.20 1.97 0.00	37.81 2.24 0.00	31.89 1.95 0.00	26.45 1.62 0.00	25.33 1.56 0.00
FARRAGUT___LBMP 323566	25.85 1.62 0.00	21.64 1.35 0.00	18.52 1.09 0.00	21.72 1.13 0.00	20.57 1.03 0.00	20.12 1.13 0.00	17.47 1.03 0.00	20.12 1.16 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.33 1.63 0.00	24.89 1.82 0.00	24.65 1.79 0.00	25.05 1.88 0.00	26.10 1.96 0.00	29.83 2.37 0.00	31.00 2.38 0.00	33.65 2.45 0.00	30.89 2.16 0.00	32.18 1.95 0.00	37.78 2.22 0.00	31.88 1.93 0.00	26.44 1.60 0.00	25.33 1.55 0.00
FENNER___WINDPWR 24204	24.36 0.13 0.00	20.37 0.08 0.00	17.49 0.05 0.00	20.63 0.03 0.00	19.59 0.05 0.00	19.13 0.15 0.00	16.60 0.16 0.00	19.18 0.21 0.00	20.71 0.17 0.00	20.70 0.14 0.00	21.81 0.11 0.00	23.19 0.12 0.00	22.98 0.12 0.00	23.32 0.15 0.00	24.37 0.22 0.00	27.70 0.24 0.00	28.87 0.26 0.00	27.68 0.29 3.81	28.65 0.34 0.41	30.68 0.45 0.00	36.05 0.48 0.00	30.31 0.37 0.00	25.10 0.26 0.00	23.95 0.18 0.00
FIBERTEK___ENERGY 23856	23.71 -0.51 0.00	19.87 -0.43 0.00	17.07 -0.37 0.00	20.13 -0.47 0.00	19.11 -0.43 0.00	18.76 -0.22 0.00	16.33 -0.11 0.00	18.65 -0.31 0.00	20.17 -0.38 0.00	20.15 -0.41 0.00	21.21 -0.49 0.00	22.52 -0.55 0.00	22.34 -0.52 0.00	22.68 -0.49 0.00	23.66 -0.48 0.00	26.98 -0.47 0.00	28.47 -0.15 0.00	28.19 -0.50 2.51	28.02 -0.43 0.27	30.20 -0.03 0.00	35.32 -0.24 0.00	29.31 -0.63 0.00	24.28 -0.56 0.00	23.20 -0.58 0.00
FITZPATRICK____ 23598	23.15 -1.07 0.00	19.42 -0.88 0.00	16.68 -0.76 0.00	19.68 -0.92 0.00	18.68 -0.85 0.00	18.17 -0.81 0.00	15.72 -0.72 0.00	18.20 -0.77 0.00	19.70 -0.84 0.00	19.69 -0.87 0.00	20.69 -1.01 0.00	21.97 -1.10 0.00	21.77 -1.09 0.00	22.08 -1.08 0.00	23.04 -1.10 0.00	26.16 -1.29 0.00	27.19 -1.43 0.00	29.79 -1.41 0.00	27.44 -1.29 0.00	28.85 -1.38 0.00	33.82 -1.74 0.00	28.48 -1.47 0.00	23.64 -1.20 0.00	22.62 -1.16 0.00
FLOWRFLD_69_KV_BK1 356044	27.37 1.81 -1.34	43.84 1.63 -21.92	18.68 1.24 0.00	21.85 1.26 0.00	20.56 1.02 0.00	20.07 1.09 0.00	17.53 1.09 0.00	20.28 1.32 0.00	22.01 1.47 0.00	22.00 1.44 0.00	27.47 1.99 -3.79	30.22 2.30 -4.85	31.96 2.28 -6.82	29.93 2.36 -4.41	26.12 1.98 0.00	29.94 2.48 0.00	31.21 2.60 0.00	33.97 2.77 0.00	31.23 2.51 0.00	32.46 2.23 0.00	37.93 2.37 0.00	31.92 1.97 0.00	26.55 1.71 0.00	25.66 1.88 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.78 1.56 0.00	21.55 1.26 0.00	18.46 1.02 0.00	21.68 1.09 0.00	20.54 1.01 0.00	20.07 1.09 0.00	17.45 1.01 0.00	20.12 1.15 0.00	21.85 1.30 0.00	21.88 1.32 0.00	23.21 1.51 0.00	24.74 1.68 0.00	24.54 1.67 0.00	24.95 1.78 0.00	26.00 1.86 0.00	29.73 2.28 0.00	30.97 2.36 0.00	33.75 2.55 0.00	31.06 2.33 0.00	32.41 2.18 0.00	37.98 2.42 0.00	31.94 2.00 0.00	26.46 1.63 0.00	25.32 1.54 0.00
FORT ORANGE____ 23900	24.88 0.66 0.00	21.01 0.72 0.00	18.07 0.64 0.00	21.28 0.68 0.00	20.18 0.65 0.00	19.66 0.68 0.00	17.03 0.59 0.00	19.51 0.54 0.00	21.08 0.54 0.00	21.00 0.44 0.00	22.15 0.45 0.00	23.53 0.46 0.00	23.29 0.43 0.00	23.63 0.47 0.00	24.64 0.50 0.00	28.07 0.62 0.00	29.27 0.66 0.00	32.12 0.91 0.00	29.64 0.91 0.00	31.18 0.95 0.00	36.62 1.06 0.00	30.78 0.84 0.00	25.52 0.68 0.00	24.43 0.65 0.00
FORT_DRUM_COGEN 23780	23.65 -0.57 0.00	19.49 -0.80 0.00	16.78 -0.66 0.00	19.83 -0.76 0.00	18.94 -0.60 0.00	18.64 -0.34 0.00	16.21 -0.24 0.00	18.76 -0.20 0.00	20.21 -0.33 0.00	20.17 -0.39 0.00	21.23 -0.47 0.00	22.45 -0.62 0.00	22.32 -0.55 0.00	22.62 -0.55 0.00	23.49 -0.65 0.00	26.76 -0.69 0.00	27.94 -0.67 0.00	5.43 -0.70 25.06	25.56 -0.45 2.72	30.11 -0.12 0.00	35.38 -0.19 0.00	29.59 -0.35 0.00	24.36 -0.48 0.00	23.15 -0.63 0.00
FOX_HILLS___ESR 323835	25.92 1.70 0.00	21.70 1.40 0.00	18.56 1.12 0.00	21.75 1.15 0.00	20.60 1.07 0.00	20.15 1.17 0.00	17.51 1.07 0.00	20.14 1.18 0.00	21.94 1.40 0.00	22.01 1.45 0.00	23.39 1.69 0.00	24.92 1.85 0.00	24.70 1.84 0.00	25.11 1.95 0.00	26.17 2.03 0.00	38.98 2.42 -9.11	48.40 2.43 -17.35	33.73 2.52 -0.01	30.98 2.26 0.00	32.31 2.08 0.00	37.95 2.39 0.00	39.57 2.03 -7.60	26.52 1.67 -0.02	40.00 1.62 -14.60
FPL FAR_ROCK_GT1 24212	27.66 2.10 -1.34	43.99 1.78 -21.92	18.84 1.41 0.00	22.06 1.47 0.00	20.80 1.27 0.00	20.34 1.35 0.00	17.66 1.22 0.00	20.36 1.40 0.00	22.14 1.59 0.00	22.18 1.61 0.00	27.56 2.07 -3.79	30.09 2.16 -4.86	31.83 2.15 -6.82	29.84 2.27 -4.41	26.34 2.20 0.00	30.32 2.86 0.00	31.38 2.77 0.00	34.11 2.90 0.00	31.29 2.56 0.00	32.55 2.32 0.00	38.16 2.60 0.00	32.18 2.24 0.00	26.87 2.04 0.00	25.90 2.12 0.00

FPL FAR_ROCK_GT2 23815	27.66 2.10 -1.34	43.99 1.78 -21.92	18.84 1.41 0.00	22.06 1.47 0.00	20.80 1.27 0.00	20.34 1.35 0.00	17.66 1.22 0.00	20.36 1.40 0.00	22.14 1.59 0.00	22.18 1.61 0.00	27.56 2.07 -3.79	30.09 2.16 -4.86	31.83 2.15 -6.82	29.84 2.27 -4.41	26.34 2.20 0.00	30.32 2.86 0.00	31.38 2.77 0.00	34.11 2.90 0.00	31.29 2.56 0.00	32.55 2.32 0.00	38.16 2.60 0.00	32.18 2.24 0.00	26.87 2.04 0.00	25.90 2.12 0.00
FRANKLIN_FALL_HYD 24054	23.95 -0.28 0.00	19.95 -0.34 0.00	17.11 -0.32 0.00	20.23 -0.36 0.00	19.20 -0.34 0.00	18.52 -0.46 0.00	15.88 -0.57 0.00	18.36 -0.60 0.00	19.95 -0.60 0.00	20.08 -0.48 0.00	21.18 -0.51 0.00	22.49 -0.58 0.00	22.28 -0.58 0.00	22.41 -0.75 0.00	23.18 -0.96 0.00	26.26 -1.19 0.00	27.81 -0.80 0.00	-3.03 -0.82 33.41	24.41 -0.69 3.62	30.02 -0.21 0.00	35.39 -0.18 0.00	29.76 -0.18 0.00	24.76 -0.07 0.00	23.72 -0.06 0.00
FREEPORT_EQUS_GT1 23764	27.48 1.92 -1.34	43.85 1.63 -21.92	18.71 1.27 0.00	21.91 1.31 0.00	20.63 1.10 0.00	20.18 1.19 0.00	17.54 1.10 0.00	20.25 1.28 0.00	21.99 1.45 0.00	22.03 1.47 0.00	27.42 1.93 -3.79	30.11 2.19 -4.86	31.84 2.16 -6.82	29.82 2.25 -4.41	26.19 2.04 0.00	29.98 2.52 0.00	31.26 2.65 0.00	34.02 2.82 0.00	31.23 2.51 0.00	32.48 2.25 0.00	38.05 2.48 0.00	32.07 2.13 0.00	26.74 1.90 0.00	25.67 1.89 0.00
FREEPORT___CT2 23818	27.48 1.92 -1.34	43.85 1.63 -21.92	18.71 1.27 0.00	21.91 1.31 0.00	20.63 1.10 0.00	20.18 1.19 0.00	17.54 1.10 0.00	20.25 1.28 0.00	21.99 1.45 0.00	22.03 1.47 0.00	27.42 1.93 -3.79	30.11 2.19 -4.86	31.84 2.16 -6.82	29.82 2.25 -4.41	26.19 2.04 0.00	29.98 2.52 0.00	31.26 2.65 0.00	34.02 2.82 0.00	31.23 2.51 0.00	32.48 2.25 0.00	38.05 2.48 0.00	32.07 2.13 0.00	26.74 1.90 0.00	25.67 1.89 0.00
FRESHKLS_33_KV_LOAD 356253	25.91 1.68 0.00	21.68 1.39 0.00	18.54 1.10 0.00	21.74 1.14 0.00	20.59 1.05 0.00	20.14 1.15 0.00	17.49 1.05 0.00	20.12 1.16 0.00	21.91 1.36 0.00	21.99 1.43 0.00	23.37 1.67 0.00	24.87 1.80 0.00	24.64 1.78 0.00	25.06 1.90 0.00	26.13 1.98 0.00	38.92 2.36 -9.11	48.38 2.41 -17.35	33.73 2.52 -0.01	31.01 2.28 0.00	32.33 2.10 0.00	37.98 2.41 0.00	39.56 2.01 -7.60	26.50 1.65 -0.02	39.99 1.61 -14.60
FULTON COGEN____ 23766	23.41 -0.82 0.00	19.61 -0.69 0.00	16.85 -0.59 0.00	19.87 -0.72 0.00	18.88 -0.66 0.00	18.38 -0.61 0.00	15.90 -0.54 0.00	18.41 -0.56 0.00	19.91 -0.63 0.00	19.89 -0.67 0.00	20.90 -0.80 0.00	22.18 -0.89 0.00	21.97 -0.89 0.00	22.30 -0.86 0.00	23.28 -0.86 0.00	26.45 -1.01 0.00	27.51 -1.10 0.00	26.77 -1.01 3.42	27.44 -0.91 0.37	29.31 -0.92 0.00	34.34 -1.23 0.00	28.88 -1.06 0.00	23.95 -0.89 0.00	22.90 -0.88 0.00
FULTON___LFGE 323630	26.34 2.11 0.00	21.91 1.61 0.00	18.83 1.40 0.00	22.24 1.64 0.00	21.09 1.55 0.00	20.56 1.58 0.00	17.67 1.23 0.00	19.69 0.73 0.00	20.47 -0.07 0.00	20.29 -0.27 0.00	21.17 -0.52 0.00	22.34 -0.73 0.00	22.50 -0.36 0.00	22.24 -0.93 0.00	23.74 -0.40 0.00	27.36 -0.09 0.00	28.69 0.08 0.00	31.90 0.70 0.00	31.63 2.90 0.00	33.64 3.41 0.00	39.57 4.01 0.00	33.20 3.25 0.00	27.40 2.56 0.00	26.15 2.37 0.00
G.F.CEMENT___DRP 24184	25.78 1.56 0.00	21.46 1.17 0.00	18.45 1.01 0.00	21.76 1.17 0.00	20.66 1.12 0.00	20.15 1.17 0.00	17.59 1.15 0.00	20.26 1.29 0.00	21.84 1.30 0.00	21.63 1.07 0.00	22.63 0.93 0.00	24.02 0.95 0.00	23.81 0.95 0.00	24.13 0.96 0.00	25.22 1.08 0.00	28.92 1.46 0.00	30.10 1.49 0.00	33.33 2.13 0.00	30.99 2.26 0.00	32.48 2.25 0.00	38.29 2.72 0.00	32.12 2.17 0.00	26.67 1.83 0.00	25.45 1.67 0.00
GARDENVILLE___LBMP 24039	23.28 -0.94 0.00	19.43 -0.86 0.00	16.74 -0.70 0.00	19.65 -0.94 0.00	18.73 -0.80 0.00	18.32 -0.66 0.00	15.82 -0.63 0.00	18.54 -0.43 0.00	20.04 -0.50 0.00	20.20 -0.36 0.00	21.44 -0.26 0.00	22.75 -0.31 0.00	22.55 -0.32 0.00	22.83 -0.33 0.00	23.95 -0.19 0.00	26.96 -0.49 0.00	27.62 -0.99 0.00	30.14 -1.06 0.00	27.54 -1.18 0.00	29.07 -1.17 0.00	33.92 -1.64 0.00	28.68 -1.27 0.00	24.05 -0.79 0.00	23.06 -0.72 0.00
GARDNVLA_35_KV_LD 355827	23.36 -0.86 0.00	19.50 -0.79 0.00	16.79 -0.65 0.00	19.70 -0.89 0.00	18.78 -0.76 0.00	18.36 -0.62 0.00	15.85 -0.59 0.00	18.58 -0.38 0.00	20.10 -0.44 0.00	20.27 -0.29 0.00	21.54 -0.16 0.00	22.86 -0.20 0.00	22.65 -0.21 0.00	22.95 -0.21 0.00	24.08 -0.06 0.00	27.12 -0.33 0.00	27.78 -0.83 0.00	30.34 -0.86 0.00	27.73 -0.99 0.00	29.25 -0.98 0.00	34.11 -1.45 0.00	28.83 -1.11 0.00	24.17 -0.66 0.00	23.17 -0.61 0.00
GELCKHM___115KV_LOAD 80723	23.58 -0.64 0.00	19.75 -0.55 0.00	16.97 -0.47 0.00	20.01 -0.59 0.00	19.00 -0.53 0.00	18.58 -0.40 0.00	16.14 -0.30 0.00	18.55 -0.41 0.00	20.08 -0.46 0.00	20.07 -0.49 0.00	21.12 -0.58 0.00	22.44 -0.63 0.00	22.25 -0.61 0.00	22.59 -0.58 0.00	23.57 -0.58 0.00	26.82 -0.63 0.00	28.08 -0.53 0.00	27.78 -0.72 2.70	27.80 -0.64 0.29	29.75 -0.48 0.00	34.82 -0.74 0.00	29.11 -0.84 0.00	24.12 -0.71 0.00	23.06 -0.72 0.00
GENERAL___MILLS 23808	23.32 -0.91 0.00	19.47 -0.83 0.00	16.76 -0.67 0.00	19.68 -0.92 0.00	18.75 -0.78 0.00	18.34 -0.64 0.00	15.83 -0.61 0.00	18.55 -0.41 0.00	20.07 -0.48 0.00	20.23 -0.33 0.00	21.48 -0.21 0.00	22.80 -0.27 0.00	22.59 -0.26 0.00	22.88 -0.28 0.00	24.00 -0.14 0.00	27.03 -0.43 0.00	27.69 -0.92 0.00	30.23 -0.97 0.00	27.63 -1.09 0.00	29.16 -1.07 0.00	34.02 -1.54 0.00	28.75 -1.20 0.00	24.11 -0.72 0.00	23.12 -0.66 0.00
GE_PLASTICS___DRP 24183	24.77 0.55 0.00	20.87 0.57 0.00	17.94 0.51 0.00	21.14 0.55 0.00	20.05 0.51 0.00	19.53 0.54 0.00	16.92 0.48 0.00	19.41 0.45 0.00	21.01 0.46 0.00	20.96 0.40 0.00	22.13 0.43 0.00	23.52 0.45 0.00	23.28 0.42 0.00	23.62 0.45 0.00	24.61 0.47 0.00	28.04 0.58 0.00	29.22 0.60 0.00	31.98 0.77 0.00	29.48 0.76 0.00	30.98 0.75 0.00	36.37 0.80 0.00	30.59 0.65 0.00	25.37 0.54 0.00	24.31 0.53 0.00
GILBOA___1 23756	24.65 0.43 0.00	20.66 0.37 0.00	17.76 0.33 0.00	21.04 0.45 0.00	19.92 0.38 0.00	19.34 0.36 0.00	16.77 0.33 0.00	19.32 0.36 0.00	20.93 0.39 0.00	20.93 0.37 0.00	22.10 0.41 0.00	23.51 0.45 0.00	23.30 0.44 0.00	23.64 0.47 0.00	24.65 0.50 0.00	28.08 0.62 0.00	29.23 0.61 0.00	31.90 0.69 0.00	29.39 0.67 0.00	30.86 0.63 0.00	36.23 0.66 0.00	30.48 0.54 0.00	25.28 0.45 0.00	24.21 0.43 0.00
GILBOA___2 23757	24.65 0.43 0.00	20.66 0.37 0.00	17.76 0.33 0.00	21.04 0.45 0.00	19.92 0.38 0.00	19.34 0.36 0.00	16.77 0.33 0.00	19.32 0.36 0.00	20.93 0.39 0.00	20.93 0.37 0.00	22.10 0.41 0.00	23.51 0.45 0.00	23.30 0.44 0.00	23.64 0.47 0.00	24.65 0.50 0.00	28.08 0.62 0.00	29.23 0.61 0.00	31.90 0.69 0.00	29.39 0.67 0.00	30.86 0.63 0.00	36.23 0.66 0.00	30.48 0.54 0.00	25.28 0.45 0.00	24.21 0.43 0.00

GILBOA___3 23758	24.65 0.43 0.00	20.66 0.37 0.00	17.76 0.33 0.00	21.04 0.45 0.00	19.92 0.38 0.00	19.34 0.36 0.00	16.77 0.33 0.00	19.32 0.36 0.00	20.93 0.39 0.00	20.93 0.37 0.00	22.10 0.41 0.00	23.51 0.45 0.00	23.30 0.44 0.00	23.64 0.47 0.00	24.65 0.50 0.00	28.08 0.62 0.00	29.23 0.61 0.00	31.90 0.69 0.00	29.39 0.67 0.00	30.86 0.63 0.00	36.23 0.66 0.00	30.48 0.54 0.00	25.28 0.45 0.00	24.21 0.43 0.00
GILBOA___4 23759	24.65 0.43 0.00	20.66 0.37 0.00	17.76 0.33 0.00	21.04 0.45 0.00	19.92 0.38 0.00	19.34 0.36 0.00	16.77 0.33 0.00	19.32 0.36 0.00	20.93 0.39 0.00	20.93 0.37 0.00	22.10 0.41 0.00	23.51 0.45 0.00	23.30 0.44 0.00	23.64 0.47 0.00	24.65 0.50 0.00	28.08 0.62 0.00	29.23 0.61 0.00	31.90 0.69 0.00	29.39 0.67 0.00	30.86 0.63 0.00	36.23 0.66 0.00	30.48 0.54 0.00	25.28 0.45 0.00	24.21 0.43 0.00
GILBOA___ 23599	24.65 0.43 0.00	20.66 0.37 0.00	17.76 0.33 0.00	21.04 0.45 0.00	19.92 0.39 0.00	19.34 0.36 0.00	16.77 0.33 0.00	19.33 0.36 0.00	20.94 0.39 0.00	20.93 0.37 0.00	22.11 0.41 0.00	23.52 0.45 0.00	23.30 0.44 0.00	23.64 0.47 0.00	24.65 0.50 0.00	28.08 0.62 0.00	29.23 0.61 0.00	31.90 0.70 0.00	29.40 0.67 0.00	30.86 0.63 0.00	36.23 0.66 0.00	30.48 0.54 0.00	25.28 0.45 0.00	24.21 0.43 0.00
GINNA___ 23603	22.59 -1.63 0.00	18.89 -1.40 0.00	16.23 -1.21 0.00	19.09 -1.51 0.00	18.14 -1.39 0.00	17.72 -1.27 0.00	15.33 -1.11 0.00	17.83 -1.14 0.00	19.26 -1.28 0.00	19.35 -1.22 0.00	20.48 -1.21 0.00	21.76 -1.31 0.00	21.54 -1.32 0.00	21.88 -1.28 0.00	22.85 -1.29 0.00	25.90 -1.55 0.00	26.89 -1.72 0.00	27.75 -1.81 1.65	26.84 -1.70 0.18	28.53 -1.70 0.00	33.29 -2.27 0.00	28.00 -1.95 0.00	23.30 -1.54 0.00	22.26 -1.52 0.00
GLEN PARK___ 23778	23.73 -0.50 0.00	19.55 -0.74 0.00	16.83 -0.61 0.00	19.89 -0.71 0.00	18.99 -0.55 0.00	18.71 -0.27 0.00	16.26 -0.18 0.00	18.82 -0.15 0.00	20.24 -0.30 0.00	20.19 -0.37 0.00	21.23 -0.46 0.00	22.43 -0.64 0.00	22.31 -0.55 0.00	22.63 -0.53 0.00	23.48 -0.66 0.00	26.77 -0.68 0.00	27.95 -0.66 0.00	6.75 -0.66 23.79	25.77 -0.38 2.58	30.23 0.00 0.00	35.58 0.01 0.00	29.75 -0.19 0.00	24.46 -0.38 0.00	23.23 -0.55 0.00
GLENDALE_27_KV_LOAD 356172	26.01 1.78 0.00	21.76 1.46 0.00	18.62 1.19 0.00	21.82 1.22 0.00	20.67 1.13 0.00	20.22 1.23 0.00	17.59 1.15 0.00	20.25 1.29 0.00	22.06 1.51 0.00	22.12 1.56 0.00	23.51 1.81 0.00	25.06 1.99 0.00	24.84 1.98 0.00	25.25 2.08 0.00	26.30 2.16 0.00	30.05 2.60 0.00	31.22 2.60 0.00	33.86 2.66 0.00	31.07 2.34 0.00	32.38 2.15 0.00	38.06 2.49 0.00	32.10 2.16 0.00	26.61 1.77 0.00	25.48 1.70 0.00
GLENWOOD_IC_1_G5 23712	27.42 1.86 -1.34	43.80 1.58 -21.92	18.68 1.24 0.00	21.88 1.28 0.00	20.63 1.09 0.00	20.17 1.18 0.00	17.54 1.09 0.00	20.24 1.27 0.00	22.00 1.46 0.00	22.05 1.49 0.00	27.41 1.92 -3.79	30.12 2.19 -4.85	31.85 2.17 -6.82	29.84 2.26 -4.41	26.26 2.12 0.00	29.96 2.51 0.00	31.09 2.48 0.00	33.81 2.61 0.00	31.02 2.30 0.00	32.25 2.02 0.00	37.78 2.21 0.00	31.85 1.90 0.00	26.68 1.85 0.00	25.61 1.84 0.00
GLENWOOD_IC_2_G1 23688	27.35 1.79 -1.34	43.75 1.53 -21.92	18.64 1.20 0.00	21.83 1.24 0.00	20.59 1.05 0.00	20.13 1.14 0.00	17.50 1.06 0.00	20.19 1.23 0.00	21.95 1.40 0.00	21.99 1.43 0.00	27.33 1.84 -3.79	30.02 2.09 -4.86	31.74 2.07 -6.82	29.73 2.15 -4.41	26.16 2.01 0.00	29.92 2.46 0.00	31.12 2.51 0.00	33.84 2.64 0.00	31.06 2.33 0.00	32.31 2.08 0.00	37.87 2.30 0.00	31.90 1.95 0.00	26.61 1.77 0.00	25.55 1.77 0.00
GLENWOOD_IC_3_G1 23689	27.35 1.79 -1.34	43.75 1.53 -21.92	18.64 1.20 0.00	21.83 1.24 0.00	20.59 1.05 0.00	20.13 1.14 0.00	17.50 1.06 0.00	20.19 1.23 0.00	21.95 1.40 0.00	21.99 1.43 0.00	27.33 1.84 -3.79	30.02 2.09 -4.86	31.74 2.07 -6.82	29.73 2.15 -4.41	26.16 2.01 0.00	29.92 2.46 0.00	31.12 2.51 0.00	33.84 2.64 0.00	31.06 2.33 0.00	32.31 2.08 0.00	37.87 2.30 0.00	31.90 1.95 0.00	26.61 1.77 0.00	25.55 1.77 0.00
GLENWOOD___4 23550	27.42 1.86 -1.34	43.80 1.58 -21.92	18.68 1.24 0.00	21.88 1.28 0.00	20.63 1.09 0.00	20.17 1.18 0.00	17.54 1.09 0.00	20.24 1.27 0.00	22.00 1.46 0.00	22.05 1.49 0.00	27.41 1.92 -3.79	30.12 2.19 -4.85	31.85 2.17 -6.82	29.84 2.26 -4.41	26.26 2.12 0.00	29.99 2.54 0.00	31.16 2.55 0.00	33.89 2.69 0.00	31.09 2.37 0.00	32.33 2.10 0.00	37.87 2.30 0.00	31.91 1.96 0.00	26.68 1.85 0.00	25.61 1.84 0.00
GLENWOOD___5 23614	27.42 1.86 -1.34	43.80 1.58 -21.92	18.68 1.24 0.00	21.88 1.28 0.00	20.63 1.09 0.00	20.17 1.18 0.00	17.54 1.09 0.00	20.24 1.27 0.00	22.00 1.46 0.00	22.05 1.49 0.00	27.41 1.92 -3.79	30.12 2.19 -4.85	31.85 2.17 -6.82	29.84 2.26 -4.41	26.26 2.12 0.00	29.99 2.54 0.00	31.16 2.55 0.00	33.89 2.69 0.00	31.09 2.37 0.00	32.33 2.10 0.00	37.87 2.30 0.00	31.91 1.96 0.00	26.68 1.85 0.00	25.61 1.84 0.00
GLOBAL GREEN_PORT_GT1 23814	27.43 1.87 -1.34	43.85 1.64 -21.92	18.61 1.17 0.00	21.76 1.16 0.00	20.47 0.94 0.00	20.05 1.06 0.00	17.53 1.09 0.00	20.43 1.47 0.00	22.38 1.84 0.00	22.54 1.98 0.00	28.12 2.63 -3.79	31.11 3.19 -4.86	32.93 3.25 -6.82	30.96 3.38 -4.41	27.19 3.05 0.00	31.19 3.74 0.00	32.56 3.95 0.00	34.74 3.54 0.00	32.06 3.34 0.00	33.94 3.71 0.00	39.59 4.03 0.00	33.26 3.32 0.00	27.64 2.80 0.00	26.60 2.83 0.00
GLOBE___DSASP 323697	22.62 -1.61 0.00	18.94 -1.36 0.00	16.30 -1.14 0.00	19.11 -1.49 0.00	18.20 -1.34 0.00	17.76 -1.22 0.00	15.32 -1.12 0.00	17.93 -1.04 0.00	19.37 -1.18 0.00	19.50 -1.06 0.00	20.70 -1.00 0.00	21.74 -1.32 0.00	21.53 -1.33 0.00	21.76 -1.41 0.00	22.77 -1.38 0.00	25.65 -1.81 0.00	26.44 -2.17 0.00	28.90 -2.30 0.00	26.24 -2.49 0.00	27.73 -2.50 0.00	32.35 -3.21 0.00	27.39 -2.56 0.00	23.23 -1.61 0.00	22.45 -1.33 0.00
GOETHSLN___LBMP 323567	25.83 1.60 0.00	21.62 1.33 0.00	18.50 1.07 0.00	21.70 1.11 0.00	20.55 1.01 0.00	20.10 1.12 0.00	17.44 0.99 0.00	20.09 1.12 0.00	21.86 1.31 0.00	21.92 1.35 0.00	23.25 1.55 0.00	24.82 1.75 0.00	24.58 1.72 0.00	24.98 1.81 0.00	26.04 1.90 0.00	29.76 2.31 0.00	30.91 2.30 0.00	33.55 2.35 0.00	30.80 2.08 0.00	32.09 1.86 0.00	37.68 2.11 0.00	31.79 1.85 0.00	26.37 1.54 0.00	25.26 1.48 0.00
GOLAH___69_KV_TB 1_2 80279	23.65 -0.57 0.00	19.77 -0.52 0.00	16.99 -0.45 0.00	19.96 -0.64 0.00	18.99 -0.54 0.00	18.56 -0.42 0.00	16.04 -0.40 0.00	18.67 -0.29 0.00	20.17 -0.38 0.00	20.25 -0.31 0.00	21.46 -0.23 0.00	22.79 -0.27 0.00	22.59 -0.27 0.00	22.90 -0.27 0.00	23.95 -0.19 0.00	27.11 -0.35 0.00	28.03 -0.58 0.00	29.04 -0.55 1.62	27.97 -0.58 0.17	29.79 -0.44 0.00	34.79 -0.77 0.00	29.30 -0.64 0.00	24.44 -0.40 0.00	23.37 -0.41 0.00

GOODYEAR_LAKE_HYD 323669	24.77 0.54 0.00	20.70 0.41 0.00	17.77 0.33 0.00	21.04 0.44 0.00	19.96 0.42 0.00	19.41 0.43 0.00	16.84 0.40 0.00	19.43 0.46 0.00	21.08 0.54 0.00	21.18 0.62 0.00	22.38 0.69 0.00	23.81 0.75 0.00	23.60 0.74 0.00	23.90 0.74 0.00	25.00 0.86 0.00	28.50 1.04 0.00	29.70 1.08 0.00	32.32 1.12 0.00	29.82 1.10 0.00	31.35 1.12 0.00	36.78 1.22 0.00	30.89 0.95 0.00	25.58 0.75 0.00	24.45 0.68 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.93 -0.30 0.00	20.00 -0.29 0.00	17.21 -0.22 0.00	20.33 -0.27 0.00	19.33 -0.21 0.00	18.88 -0.10 0.00	16.35 -0.09 0.00	18.96 -0.01 0.00	20.53 -0.02 0.00	20.57 0.01 0.00	21.69 -0.01 0.00	23.08 0.02 0.00	22.89 0.02 0.00	23.24 0.07 0.00	24.34 0.19 0.00	27.65 0.20 0.00	28.66 0.05 0.00	31.17 -0.03 0.00	28.69 -0.03 0.00	30.12 -0.11 0.00	35.33 -0.23 0.00	29.78 -0.16 0.00	24.67 -0.16 0.00	23.59 -0.19 0.00
GOUDEY___7 23579	23.94 -0.28 0.00	20.02 -0.27 0.00	17.22 -0.21 0.00	20.34 -0.26 0.00	19.34 -0.20 0.00	18.90 -0.09 0.00	16.36 -0.08 0.00	18.97 0.01 0.00	20.54 0.00 0.00	20.59 0.03 0.00	21.71 0.01 0.00	23.11 0.04 0.00	22.91 0.05 0.00	23.26 0.09 0.00	24.36 0.22 0.00	27.68 0.23 0.00	28.69 0.08 0.00	31.20 0.00 0.00	28.72 0.00 0.00	30.16 -0.07 0.00	35.37 -0.19 0.00	29.81 -0.13 0.00	24.69 -0.15 0.00	23.60 -0.17 0.00
GOUDEY___8 23580	23.93 -0.30 0.00	20.00 -0.29 0.00	17.21 -0.22 0.00	20.33 -0.27 0.00	19.33 -0.21 0.00	18.88 -0.10 0.00	16.35 -0.09 0.00	18.96 -0.01 0.00	20.53 -0.02 0.00	20.57 0.01 0.00	21.69 -0.01 0.00	23.08 0.02 0.00	22.89 0.02 0.00	23.24 0.07 0.00	24.34 0.19 0.00	27.65 0.20 0.00	28.66 0.05 0.00	31.17 -0.03 0.00	28.69 -0.03 0.00	30.12 -0.11 0.00	35.33 -0.23 0.00	29.78 -0.16 0.00	24.67 -0.16 0.00	23.59 -0.19 0.00
GOWANUS_GT1_1 24077	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT1_2 24078	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT1_3 24079	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT1_4 24080	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT1_5 24084	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT1_6 24111	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT1_7 24112	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT1_8 24113	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT2_1 24114	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT2_2 24115	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT2_3 24116	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60

GOWANUS_GT2_4 24117	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT2_5 24118	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT2_6 24119	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT2_7 24120	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT2_8 24121	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT3_1 24122	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT3_2 24123	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT3_3 24124	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT3_4 24125	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT3_5 24126	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT3_6 24127	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT3_7 24128	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT3_8 24129	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
GOWANUS_GT4_1 24130	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT4_2 24131	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60

GOWANUS_GT4_3 24132	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT4_4 24133	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT4_5 24134	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT4_6 24135	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT4_7 24136	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GOWANUS_GT4_8 24137	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GREENBSH_115KV_TB3 55895	24.73 0.50 0.00	20.89 0.60 0.00	17.97 0.53 0.00	21.16 0.56 0.00	20.07 0.53 0.00	19.55 0.57 0.00	16.93 0.49 0.00	19.39 0.43 0.00	20.98 0.44 0.00	20.92 0.36 0.00	22.08 0.39 0.00	23.47 0.40 0.00	23.22 0.36 0.00	23.55 0.38 0.00	24.54 0.40 0.00	27.95 0.49 0.00	29.12 0.51 0.00	31.91 0.71 0.00	29.43 0.71 0.00	30.93 0.70 0.00	36.30 0.74 0.00	30.52 0.58 0.00	25.32 0.48 0.00	24.25 0.47 0.00
GREENIDGE_115KV_TB5 80291	23.70 -0.52 0.00	19.80 -0.50 0.00	17.03 -0.41 0.00	20.09 -0.51 0.00	19.13 -0.41 0.00	18.74 -0.24 0.00	16.25 -0.19 0.00	18.85 -0.12 0.00	20.35 -0.20 0.00	20.38 -0.18 0.00	21.47 -0.23 0.00	22.84 -0.23 0.00	22.64 -0.22 0.00	23.04 -0.13 0.00	24.13 -0.01 0.00	27.28 -0.17 0.00	28.37 -0.24 0.00	29.32 -0.30 1.59	28.34 -0.22 0.17	30.18 -0.04 0.00	35.30 -0.27 0.00	29.57 -0.37 0.00	24.60 -0.24 0.00	23.47 -0.31 0.00
GREENIDGE___3 23582	23.70 -0.52 0.00	19.80 -0.50 0.00	17.03 -0.41 0.00	20.09 -0.51 0.00	19.13 -0.41 0.00	18.74 -0.24 0.00	16.25 -0.19 0.00	18.85 -0.12 0.00	20.35 -0.20 0.00	20.38 -0.18 0.00	21.47 -0.23 0.00	22.84 -0.23 0.00	22.64 -0.22 0.00	23.04 -0.13 0.00	24.13 -0.01 0.00	27.28 -0.17 0.00	28.37 -0.24 0.00	29.32 -0.30 1.59	28.34 -0.22 0.17	30.18 -0.04 0.00	35.30 -0.27 0.00	29.57 -0.37 0.00	24.60 -0.24 0.00	23.47 -0.31 0.00
GREENIDGE___4 23583	23.70 -0.52 0.00	19.80 -0.50 0.00	17.03 -0.41 0.00	20.09 -0.51 0.00	19.13 -0.41 0.00	18.74 -0.24 0.00	16.25 -0.19 0.00	18.86 -0.11 0.00	20.35 -0.20 0.00	20.38 -0.18 0.00	21.47 -0.23 0.00	22.84 -0.23 0.00	22.64 -0.22 0.00	23.04 -0.13 0.00	24.13 -0.01 0.00	27.29 -0.17 0.00	28.38 -0.23 0.00	29.32 -0.29 1.59	28.34 -0.22 0.17	30.18 -0.04 0.00	35.29 -0.28 0.00	29.57 -0.37 0.00	24.60 -0.24 0.00	23.47 -0.31 0.00
GREENLWN_69_KV_BK 3 55738	27.20 1.64 -1.34	43.69 1.48 -21.92	18.59 1.16 0.00	21.76 1.16 0.00	20.47 0.93 0.00	20.00 1.02 0.00	17.42 0.98 0.00	20.11 1.14 0.00	21.83 1.29 0.00	21.84 1.28 0.00	27.29 1.80 -3.79	29.99 2.07 -4.85	31.69 2.02 -6.82	29.65 2.07 -4.41	25.81 1.67 0.00	29.47 2.02 0.00	30.72 2.11 0.00	33.44 2.25 0.00	30.72 2.00 0.00	31.96 1.73 0.00	37.40 1.84 0.00	31.50 1.56 0.00	26.26 1.43 0.00	25.33 1.55 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60
GRISSOM___SOLAR 323813	26.34 2.11 0.00	21.91 1.61 0.00	18.83 1.40 0.00	22.24 1.64 0.00	21.09 1.55 0.00	20.56 1.58 0.00	17.67 1.23 0.00	19.69 0.73 0.00	20.47 -0.07 0.00	20.29 -0.27 0.00	21.17 -0.52 0.00	22.34 -0.73 0.00	22.50 -0.36 0.00	22.24 -0.93 0.00	23.74 -0.40 0.00	27.36 -0.09 0.00	28.69 0.08 0.00	31.90 0.70 0.00	31.63 2.90 0.00	33.64 3.41 0.00	39.57 4.01 0.00	33.20 3.25 0.00	27.40 2.56 0.00	26.15 2.37 0.00
GROVEVILLE___HYD 323602	25.78 1.56 0.00	21.55 1.26 0.00	18.46 1.02 0.00	21.68 1.09 0.00	20.54 1.01 0.00	20.07 1.09 0.00	17.45 1.01 0.00	20.12 1.15 0.00	21.85 1.30 0.00	21.88 1.32 0.00	23.21 1.51 0.00	24.74 1.68 0.00	24.54 1.67 0.00	24.95 1.78 0.00	26.00 1.86 0.00	29.73 2.28 0.00	30.97 2.36 0.00	33.75 2.55 0.00	31.06 2.33 0.00	32.41 2.18 0.00	37.98 2.42 0.00	31.94 2.00 0.00	26.46 1.63 0.00	25.32 1.54 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.71 -0.51 0.00	19.87 -0.43 0.00	17.07 -0.37 0.00	20.13 -0.47 0.00	19.11 -0.43 0.00	18.76 -0.22 0.00	16.33 -0.11 0.00	18.65 -0.31 0.00	20.17 -0.38 0.00	20.15 -0.41 0.00	21.21 -0.49 0.00	22.52 -0.55 0.00	22.34 -0.52 0.00	22.68 -0.49 0.00	23.66 -0.48 0.00	26.98 -0.47 0.00	28.47 -0.15 0.00	28.19 -0.50 2.51	28.02 -0.43 0.27	30.20 -0.03 0.00	35.32 -0.24 0.00	29.31 -0.63 0.00	24.28 -0.56 0.00	23.20 -0.58 0.00

HAMLTNNY_34_KV_TB 80303	23.75 -0.48 0.00	19.90 -0.39 0.00	17.09 -0.35 0.00	20.17 -0.43 0.00	19.14 -0.40 0.00	18.86 -0.12 0.00	16.46 0.02 0.00	18.68 -0.29 0.00	20.17 -0.38 0.00	20.13 -0.43 0.00	21.18 -0.52 0.00	22.50 -0.57 0.00	22.31 -0.55 0.00	22.65 -0.52 0.00	23.62 -0.52 0.00	27.02 -0.43 0.00	28.77 0.16 0.00	28.55 -0.39 2.26	28.16 -0.32 0.24	30.60 0.37 0.00	35.75 0.18 0.00	29.42 -0.52 0.00	24.36 -0.48 0.00	23.26 -0.52 0.00
HAMPSHIRE___PAPER_HYD 323593	23.47 -0.76 0.00	19.46 -0.83 0.00	16.72 -0.71 0.00	19.77 -0.83 0.00	18.82 -0.72 0.00	18.37 -0.61 0.00	15.92 -0.52 0.00	18.42 -0.55 0.00	19.89 -0.66 0.00	19.92 -0.64 0.00	21.00 -0.70 0.00	22.27 -0.79 0.00	22.10 -0.76 0.00	22.33 -0.83 0.00	23.22 -0.93 0.00	26.36 -1.09 0.00	27.59 -1.02 0.00	-32.17 -1.26 62.11	21.00 -1.00 6.73	29.63 -0.60 0.00	34.81 -0.75 0.00	29.23 -0.71 0.00	24.15 -0.68 0.00	23.02 -0.75 0.00
HARDSCRABBLE_WT_PWR 323673	24.25 0.03 0.00	20.49 0.19 0.00	17.59 0.15 0.00	20.86 0.26 0.00	19.71 0.17 0.00	19.12 0.14 0.00	16.63 0.18 0.00	19.03 0.07 0.00	20.54 -0.01 0.00	20.56 0.00 0.00	21.67 -0.03 0.00	23.07 0.01 0.00	22.83 -0.03 0.00	23.07 -0.09 0.00	24.08 -0.06 0.00	27.54 0.09 0.00	28.72 0.11 0.00	29.46 0.36 2.11	29.10 0.60 0.23	30.94 0.72 0.00	36.28 0.71 0.00	30.42 0.48 0.00	25.28 0.45 0.00	24.21 0.43 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.58 1.35 0.00	21.37 1.08 0.00	18.30 0.86 0.00	21.49 0.90 0.00	20.35 0.82 0.00	19.89 0.91 0.00	17.29 0.85 0.00	19.94 0.98 0.00	21.67 1.13 0.00	21.73 1.17 0.00	23.04 1.35 0.00	24.59 1.52 0.00	24.39 1.53 0.00	24.79 1.62 0.00	25.86 1.72 0.00	29.55 2.09 0.00	30.76 2.15 0.00	33.48 2.28 0.00	30.77 2.05 0.00	32.11 1.88 0.00	37.65 2.09 0.00	31.67 1.73 0.00	26.24 1.40 0.00	25.12 1.34 0.00
HARSNRAD_115KV_TB1 81005	22.96 -1.27 0.00	19.19 -1.10 0.00	16.52 -0.91 0.00	19.38 -1.22 0.00	18.46 -1.08 0.00	18.04 -0.95 0.00	15.56 -0.88 0.00	18.22 -0.75 0.00	19.68 -0.87 0.00	19.82 -0.75 0.00	21.05 -0.65 0.00	22.30 -0.77 0.00	22.09 -0.77 0.00	22.31 -0.86 0.00	23.37 -0.78 0.00	26.31 -1.14 0.00	27.04 -1.57 0.00	28.01 -1.64 1.55	26.85 -1.70 0.17	28.57 -1.66 0.00	33.34 -2.23 0.00	28.20 -1.74 0.00	23.73 -1.11 0.00	22.77 -1.00 0.00
HARZA MOOSE___RIVER 24016	24.19 -0.03 0.00	20.07 -0.22 0.00	17.25 -0.19 0.00	20.37 -0.23 0.00	19.38 -0.15 0.00	19.00 0.02 0.00	16.50 0.06 0.00	19.08 0.12 0.00	20.61 0.07 0.00	20.60 0.04 0.00	21.70 0.00 0.00	23.04 -0.03 0.00	22.85 -0.01 0.00	23.14 -0.02 0.00	24.12 -0.03 0.00	27.44 -0.02 0.00	28.62 0.01 0.00	13.84 0.08 17.43	27.04 0.20 1.89	30.60 0.37 0.00	35.90 0.33 0.00	30.10 0.15 0.00	24.88 0.04 0.00	23.70 -0.08 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.57 -0.65 0.00	19.74 -0.55 0.00	16.97 -0.47 0.00	20.01 -0.59 0.00	19.00 -0.53 0.00	18.56 -0.42 0.00	16.10 -0.34 0.00	18.59 -0.37 0.00	20.14 -0.41 0.00	20.14 -0.42 0.00	21.20 -0.50 0.00	22.52 -0.55 0.00	22.33 -0.53 0.00	22.66 -0.50 0.00	23.67 -0.47 0.00	26.90 -0.55 0.00	28.03 -0.58 0.00	27.77 -0.69 2.74	27.81 -0.62 0.30	29.59 -0.64 0.00	34.65 -0.92 0.00	29.10 -0.84 0.00	24.14 -0.70 0.00	23.07 -0.71 0.00
HELLGATE_13_KV_LD 55870	25.87 1.65 0.00	21.66 1.36 0.00	18.55 1.11 0.00	21.71 1.12 0.00	20.58 1.04 0.00	20.12 1.14 0.00	17.52 1.08 0.00	20.14 1.17 0.00	21.94 1.39 0.00	22.00 1.44 0.00	23.38 1.68 0.00	24.92 1.85 0.00	24.70 1.84 0.00	25.11 1.94 0.00	26.15 2.01 0.00	29.88 2.42 0.00	31.02 2.41 0.00	33.65 2.45 0.00	30.90 2.17 0.00	32.20 1.97 0.00	37.83 2.26 0.00	31.91 1.97 0.00	26.46 1.62 0.00	25.34 1.57 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.87 1.65 0.00	21.66 1.36 0.00	18.55 1.11 0.00	21.71 1.12 0.00	20.58 1.04 0.00	20.12 1.14 0.00	17.52 1.08 0.00	20.14 1.17 0.00	21.94 1.39 0.00	22.00 1.44 0.00	23.38 1.68 0.00	24.92 1.85 0.00	24.70 1.84 0.00	25.11 1.94 0.00	26.15 2.01 0.00	29.88 2.42 0.00	31.02 2.41 0.00	33.65 2.45 0.00	30.90 2.17 0.00	32.20 1.97 0.00	37.83 2.26 0.00	31.91 1.97 0.00	26.46 1.62 0.00	25.34 1.57 0.00
HEMPSTEAD____ 23647	27.30 1.74 -1.34	43.71 1.49 -21.92	18.60 1.17 0.00	21.78 1.19 0.00	20.53 0.99 0.00	20.06 1.08 0.00	17.46 1.02 0.00	20.14 1.17 0.00	21.89 1.35 0.00	21.93 1.37 0.00	27.29 1.80 -3.79	29.99 2.06 -4.86	31.71 2.03 -6.82	29.68 2.10 -4.41	26.06 1.92 0.00	29.80 2.35 0.00	31.03 2.42 0.00	33.75 2.55 0.00	30.97 2.25 0.00	32.21 1.98 0.00	37.73 2.17 0.00	31.81 1.86 0.00	26.54 1.70 0.00	25.49 1.71 0.00
HEWLETT_69_KV_BK3 55828	27.52 1.96 -1.34	43.88 1.67 -21.92	18.75 1.31 0.00	21.96 1.36 0.00	20.70 1.17 0.00	20.24 1.26 0.00	17.57 1.13 0.00	20.26 1.30 0.00	22.02 1.47 0.00	22.06 1.50 0.00	27.43 1.94 -3.79	30.03 2.11 -4.85	31.77 2.10 -6.82	29.77 2.20 -4.41	26.24 2.10 0.00	30.11 2.66 0.00	31.24 2.63 0.00	33.99 2.79 0.00	31.19 2.46 0.00	32.46 2.22 0.00	38.05 2.48 0.00	32.09 2.14 0.00	26.77 1.93 0.00	25.74 1.97 0.00
HICKLING___1 23621	23.62 -0.60 0.00	19.71 -0.58 0.00	17.00 -0.44 0.00	20.07 -0.52 0.00	19.14 -0.40 0.00	18.75 -0.23 0.00	16.22 -0.22 0.00	18.90 -0.06 0.00	20.45 -0.10 0.00	20.54 -0.02 0.00	21.66 -0.04 0.00	23.06 -0.01 0.00	22.87 0.00 0.00	23.25 0.09 0.00	24.43 0.28 0.00	27.70 0.24 0.00	28.60 -0.02 0.00	31.07 -0.13 0.00	28.58 -0.15 0.00	30.03 -0.20 0.00	35.20 -0.36 0.00	29.62 -0.32 0.00	24.55 -0.29 0.00	23.46 -0.32 0.00
HICKLING___2 23622	23.62 -0.60 0.00	19.71 -0.58 0.00	17.00 -0.44 0.00	20.07 -0.52 0.00	19.14 -0.40 0.00	18.75 -0.23 0.00	16.22 -0.22 0.00	18.90 -0.06 0.00	20.45 -0.10 0.00	20.54 -0.02 0.00	21.66 -0.04 0.00	23.06 -0.01 0.00	22.87 0.00 0.00	23.25 0.09 0.00	24.43 0.28 0.00	27.70 0.24 0.00	28.60 -0.02 0.00	31.07 -0.13 0.00	28.58 -0.15 0.00	30.03 -0.20 0.00	35.20 -0.36 0.00	29.62 -0.32 0.00	24.55 -0.29 0.00	23.46 -0.32 0.00
HIGH FALLS___HY 23754	25.61 1.38 0.00	21.35 1.06 0.00	18.26 0.83 0.00	21.45 0.86 0.00	20.32 0.78 0.00	19.85 0.87 0.00	17.27 0.83 0.00	19.95 0.98 0.00	21.69 1.15 0.00	21.74 1.18 0.00	23.05 1.36 0.00	24.57 1.50 0.00	24.40 1.53 0.00	24.85 1.69 0.00	25.88 1.74 0.00	29.61 2.16 0.00	30.86 2.25 0.00	33.66 2.46 0.00	30.99 2.26 0.00	32.34 2.11 0.00	37.88 2.31 0.00	31.81 1.87 0.00	26.33 1.50 0.00	25.18 1.41 0.00
HIGH_RIVER___SOLAR 323847	25.03 0.80 0.00	20.94 0.65 0.00	17.98 0.55 0.00	21.23 0.63 0.00	20.13 0.59 0.00	19.60 0.62 0.00	16.99 0.54 0.00	19.47 0.50 0.00	20.89 0.35 0.00	20.76 0.20 0.00	21.82 0.12 0.00	23.16 0.09 0.00	23.00 0.14 0.00	23.31 0.14 0.00	24.36 0.22 0.00	27.87 0.42 0.00	29.24 0.63 0.00	31.95 0.75 0.00	29.69 0.96 0.00	31.33 1.10 0.00	36.89 1.32 0.00	31.04 1.09 0.00	25.74 0.90 0.00	24.63 0.85 0.00

HILLBURN___GT 23639	25.54 1.32 0.00	21.36 1.07 0.00	18.28 0.84 0.00	21.46 0.86 0.00	20.32 0.78 0.00	19.87 0.89 0.00	17.27 0.83 0.00	19.92 0.96 0.00	21.66 1.12 0.00	21.72 1.16 0.00	23.04 1.35 0.00	24.59 1.52 0.00	24.37 1.51 0.00	24.75 1.59 0.00	25.81 1.67 0.00	29.47 2.02 0.00	30.66 2.04 0.00	33.32 2.12 0.00	30.59 1.87 0.00	31.90 1.67 0.00	37.43 1.86 0.00	31.51 1.57 0.00	26.14 1.31 0.00	25.06 1.28 0.00
HILLSIDE_115KV_TB1 80332	23.32 -0.91 0.00	19.47 -0.83 0.00	16.78 -0.65 0.00	19.84 -0.76 0.00	18.91 -0.63 0.00	18.53 -0.45 0.00	16.01 -0.43 0.00	18.67 -0.30 0.00	20.22 -0.33 0.00	20.31 -0.25 0.00	21.41 -0.28 0.00	22.81 -0.26 0.00	22.60 -0.26 0.00	22.98 -0.18 0.00	24.14 0.00 0.00	27.39 -0.07 0.00	28.28 -0.33 0.00	30.68 -0.52 0.00	28.20 -0.52 0.00	29.58 -0.65 0.00	34.70 -0.86 0.00	29.22 -0.73 0.00	24.19 -0.64 0.00	23.13 -0.65 0.00
HISHELDN_WT_PWR 323625	23.25 -0.97 0.00	19.42 -0.87 0.00	16.73 -0.70 0.00	19.67 -0.93 0.00	18.75 -0.78 0.00	18.35 -0.64 0.00	15.84 -0.60 0.00	18.55 -0.42 0.00	20.03 -0.51 0.00	20.17 -0.39 0.00	21.39 -0.31 0.00	22.71 -0.36 0.00	22.50 -0.36 0.00	22.80 -0.37 0.00	23.91 -0.23 0.00	26.96 -0.49 0.00	27.68 -0.93 0.00	30.19 -1.01 0.00	27.63 -1.10 0.00	29.13 -1.10 0.00	34.02 -1.54 0.00	28.76 -1.18 0.00	24.08 -0.75 0.00	23.08 -0.69 0.00
HOLTSVILLE_IC_1 23690	27.21 1.65 -1.34	43.72 1.51 -21.92	18.58 1.14 0.00	21.74 1.15 0.00	20.45 0.92 0.00	19.97 0.99 0.00	17.44 1.00 0.00	20.16 1.20 0.00	21.88 1.33 0.00	21.86 1.29 0.00	27.31 1.83 -3.79	30.03 2.10 -4.86	31.75 2.08 -6.82	29.70 2.12 -4.41	25.87 1.73 0.00	29.67 2.22 0.00	30.97 2.36 0.00	33.70 2.50 0.00	30.99 2.26 0.00	32.23 2.00 0.00	37.71 2.14 0.00	31.75 1.80 0.00	26.43 1.60 0.00	25.50 1.72 0.00
HOLTSVILLE_IC_10 23699	27.35 1.78 -1.34	43.83 1.61 -21.92	18.65 1.22 0.00	21.84 1.24 0.00	20.54 1.01 0.00	20.05 1.06 0.00	17.51 1.08 0.00	20.27 1.31 0.00	21.99 1.45 0.00	21.98 1.41 0.00	27.44 1.96 -3.79	30.18 2.25 -4.86	31.91 2.23 -6.82	29.86 2.29 -4.41	26.06 1.92 0.00	29.91 2.46 0.00	31.22 2.61 0.00	33.98 2.78 0.00	31.25 2.52 0.00	32.49 2.26 0.00	37.99 2.42 0.00	31.97 2.02 0.00	26.59 1.75 0.00	25.64 1.86 0.00
HOLTSVILLE_IC_2 23691	27.21 1.65 -1.34	43.72 1.51 -21.92	18.58 1.14 0.00	21.74 1.15 0.00	20.45 0.92 0.00	19.97 0.99 0.00	17.44 1.00 0.00	20.16 1.20 0.00	21.88 1.33 0.00	21.86 1.29 0.00	27.31 1.83 -3.79	30.03 2.10 -4.86	31.75 2.08 -6.82	29.70 2.12 -4.41	25.87 1.73 0.00	29.67 2.22 0.00	30.97 2.36 0.00	33.70 2.50 0.00	30.99 2.26 0.00	32.23 2.00 0.00	37.71 2.14 0.00	31.75 1.80 0.00	26.43 1.60 0.00	25.50 1.72 0.00
HOLTSVILLE_IC_3 23692	27.21 1.65 -1.34	43.72 1.51 -21.92	18.58 1.14 0.00	21.74 1.15 0.00	20.45 0.92 0.00	19.97 0.99 0.00	17.44 1.00 0.00	20.16 1.20 0.00	21.88 1.33 0.00	21.86 1.29 0.00	27.31 1.83 -3.79	30.03 2.10 -4.86	31.75 2.08 -6.82	29.70 2.12 -4.41	25.87 1.73 0.00	29.67 2.22 0.00	30.97 2.36 0.00	33.70 2.50 0.00	30.99 2.26 0.00	32.23 2.00 0.00	37.71 2.14 0.00	31.75 1.80 0.00	26.43 1.60 0.00	25.50 1.72 0.00
HOLTSVILLE_IC_4 23693	27.21 1.65 -1.34	43.72 1.51 -21.92	18.58 1.14 0.00	21.74 1.15 0.00	20.45 0.92 0.00	19.97 0.99 0.00	17.44 1.00 0.00	20.16 1.20 0.00	21.88 1.33 0.00	21.86 1.29 0.00	27.31 1.83 -3.79	30.03 2.10 -4.86	31.75 2.08 -6.82	29.70 2.12 -4.41	25.87 1.73 0.00	29.67 2.22 0.00	30.97 2.36 0.00	33.70 2.50 0.00	30.99 2.26 0.00	32.23 2.00 0.00	37.71 2.14 0.00	31.75 1.80 0.00	26.43 1.60 0.00	25.50 1.72 0.00
HOLTSVILLE_IC_5 23694	27.21 1.65 -1.34	43.72 1.51 -21.92	18.58 1.14 0.00	21.74 1.15 0.00	20.45 0.92 0.00	19.97 0.99 0.00	17.44 1.00 0.00	20.16 1.20 0.00	21.88 1.33 0.00	21.86 1.29 0.00	27.31 1.83 -3.79	30.03 2.10 -4.86	31.75 2.08 -6.82	29.70 2.12 -4.41	25.87 1.73 0.00	29.67 2.22 0.00	30.97 2.36 0.00	33.70 2.50 0.00	30.99 2.26 0.00	32.23 2.00 0.00	37.71 2.14 0.00	31.75 1.80 0.00	26.43 1.60 0.00	25.50 1.72 0.00
HOLTSVILLE_IC_6 23695	27.35 1.78 -1.34	43.83 1.61 -21.92	18.65 1.22 0.00	21.84 1.24 0.00	20.54 1.01 0.00	20.05 1.06 0.00	17.51 1.08 0.00	20.27 1.31 0.00	21.99 1.45 0.00	21.98 1.41 0.00	27.44 1.96 -3.79	30.18 2.25 -4.86	31.91 2.23 -6.82	29.86 2.29 -4.41	26.06 1.92 0.00	29.91 2.46 0.00	31.22 2.61 0.00	33.98 2.78 0.00	31.25 2.52 0.00	32.49 2.26 0.00	37.99 2.42 0.00	31.97 2.02 0.00	26.59 1.75 0.00	25.64 1.86 0.00
HOLTSVILLE_IC_7 23696	27.35 1.78 -1.34	43.83 1.61 -21.92	18.65 1.22 0.00	21.84 1.24 0.00	20.54 1.01 0.00	20.05 1.06 0.00	17.51 1.08 0.00	20.27 1.31 0.00	21.99 1.45 0.00	21.98 1.41 0.00	27.44 1.96 -3.79	30.18 2.25 -4.86	31.91 2.23 -6.82	29.86 2.29 -4.41	26.06 1.92 0.00	29.91 2.46 0.00	31.22 2.61 0.00	33.98 2.78 0.00	31.25 2.52 0.00	32.49 2.26 0.00	37.99 2.42 0.00	31.97 2.02 0.00	26.59 1.75 0.00	25.64 1.86 0.00
HOLTSVILLE_IC_8 23697	27.35 1.78 -1.34	43.83 1.61 -21.92	18.65 1.22 0.00	21.84 1.24 0.00	20.54 1.01 0.00	20.05 1.06 0.00	17.51 1.08 0.00	20.27 1.31 0.00	21.99 1.45 0.00	21.98 1.41 0.00	27.44 1.96 -3.79	30.18 2.25 -4.86	31.91 2.23 -6.82	29.86 2.29 -4.41	26.06 1.92 0.00	29.91 2.46 0.00	31.22 2.61 0.00	33.98 2.78 0.00	31.25 2.52 0.00	32.49 2.26 0.00	37.99 2.42 0.00	31.97 2.02 0.00	26.59 1.75 0.00	25.64 1.86 0.00
HOLTSVILLE_IC_9 23698	27.35 1.78 -1.34	43.83 1.61 -21.92	18.65 1.22 0.00	21.84 1.24 0.00	20.54 1.01 0.00	20.05 1.06 0.00	17.51 1.08 0.00	20.27 1.31 0.00	21.99 1.45 0.00	21.98 1.41 0.00	27.44 1.96 -3.79	30.18 2.25 -4.86	31.91 2.23 -6.82	29.86 2.29 -4.41	26.06 1.92 0.00	29.91 2.46 0.00	31.22 2.61 0.00	33.98 2.78 0.00	31.25 2.52 0.00	32.49 2.26 0.00	37.99 2.42 0.00	31.97 2.02 0.00	26.59 1.75 0.00	25.64 1.86 0.00
HOMER_HL_115KV_TB2 355744	23.33 -0.90 0.00	19.49 -0.81 0.00	16.81 -0.63 0.00	19.84 -0.76 0.00	18.92 -0.62 0.00	18.58 -0.40 0.00	16.00 -0.44 0.00	18.63 -0.34 0.00	20.13 -0.41 0.00	20.30 -0.26 0.00	21.40 -0.29 0.00	22.73 -0.34 0.00	22.50 -0.36 0.00	22.82 -0.35 0.00	24.01 -0.13 0.00	27.09 -0.36 0.00	27.83 -0.78 0.00	30.20 -1.00 0.00	27.64 -1.08 0.00	29.08 -1.15 0.00	34.04 -1.53 0.00	28.81 -1.13 0.00	24.03 -0.81 0.00	22.99 -0.78 0.00
HOWARD_WT_PWR 323690	23.52 -0.71 0.00	19.64 -0.65 0.00	16.97 -0.46 0.00	20.07 -0.53 0.00	19.15 -0.38 0.00	18.77 -0.22 0.00	16.23 -0.21 0.00	18.89 -0.08 0.00	20.40 -0.15 0.00	20.52 -0.04 0.00	21.66 -0.04 0.00	23.07 0.00 0.00	22.88 0.01 0.00	23.25 0.08 0.00	24.40 0.26 0.00	27.63 0.18 0.00	28.46 -0.15 0.00	31.00 -0.20 0.00	28.47 -0.26 0.00	30.03 -0.20 0.00	35.15 -0.42 0.00	29.60 -0.34 0.00	24.68 -0.16 0.00	23.63 -0.15 0.00

HQ_GEN_CEDARS 23644	23.93 -0.30 0.00	19.99 -0.30 0.00	17.16 -0.28 0.00	20.30 -0.30 0.00	19.27 -0.27 0.00	18.65 -0.34 0.00	16.12 -0.33 0.00	18.60 -0.37 0.00	20.14 -0.40 0.00	20.24 -0.32 0.00	21.39 -0.31 0.00	22.73 -0.34 0.00	22.53 -0.33 0.00	22.75 -0.42 0.00	23.65 -0.49 0.00	26.77 -0.68 0.00	28.03 -0.58 0.00	-97.09 -1.04 127.25	13.96 -0.97 13.79	29.76 -0.47 0.00	35.16 -0.40 0.00	29.67 -0.27 0.00	24.58 -0.25 0.00	23.51 -0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	23.93 -0.30 0.00	19.99 -0.31 0.00	17.16 -0.28 0.00	20.30 -0.30 0.00	19.27 -0.27 0.00	18.65 -0.34 0.00	15.80 -0.33 0.31	18.60 -0.37 -0.01	20.14 -0.40 0.00	20.24 -0.32 0.00	21.39 -0.31 0.00	22.73 -0.34 0.00	22.52 -0.34 0.00	22.75 -0.42 0.00	23.65 -0.49 0.00	26.77 -0.68 0.00	28.03 -0.59 0.00	-97.09 -1.04 127.25	9.46 -0.97 18.29	29.76 -0.47 0.00	35.16 -0.40 0.00	29.67 -0.27 0.00	24.58 -0.25 0.00	23.51 -0.27 0.00
HQ_GEN_IMPORT 323601	23.97 -0.26 0.00	20.06 -0.23 0.00	17.24 -0.20 0.00	20.40 -0.19 0.00	19.36 -0.18 0.00	18.74 -0.24 0.00	15.97 -0.23 0.23	19.08 -0.26 -0.37	20.27 -0.27 0.00	20.33 -0.23 0.00	21.46 -0.24 0.00	22.81 -0.26 0.00	22.60 -0.26 0.00	22.86 -0.30 0.00	23.80 -0.34 0.00	27.00 -0.45 0.00	28.21 -0.40 0.00	35.24 -0.54 -4.57	28.70 -0.52 -0.50	29.80 -0.42 0.00	35.18 -0.38 0.00	29.66 -0.28 0.00	24.59 -0.24 0.00	23.54 -0.24 0.00
HQ_GEN_WHEEL 23651	23.97 -0.26 0.00	20.06 -0.23 0.00	17.24 -0.20 0.00	20.40 -0.19 0.00	19.36 -0.18 0.00	18.74 -0.24 0.00	15.97 -0.23 0.23	19.08 -0.26 -0.37	20.27 -0.27 0.00	20.33 -0.23 0.00	21.46 -0.24 0.00	22.81 -0.26 0.00	22.60 -0.26 0.00	22.86 -0.30 0.00	23.80 -0.34 0.00	27.00 -0.45 0.00	28.21 -0.40 0.00	35.24 -0.54 -4.57	28.70 -0.52 -0.50	29.80 -0.42 0.00	35.18 -0.38 0.00	29.66 -0.28 0.00	24.59 -0.24 0.00	23.54 -0.24 0.00
HUDSON AVE_GT_3 23810	25.90 1.67 0.00	21.67 1.38 0.00	18.55 1.12 0.00	21.76 1.16 0.00	20.60 1.07 0.00	20.15 1.17 0.00	17.50 1.06 0.00	20.16 1.19 0.00	21.94 1.40 0.00	22.01 1.44 0.00	23.38 1.68 0.00	24.95 1.88 0.00	24.70 1.85 0.00	25.11 1.94 0.00	26.16 2.02 0.00	29.90 2.45 0.00	31.07 2.46 0.00	33.73 2.53 0.00	30.96 2.23 0.00	32.26 2.03 0.00	37.87 2.30 0.00	31.95 2.00 0.00	26.49 1.66 0.00	25.37 1.59 0.00
HUDSON AVE_GT_4 23540	25.90 1.67 0.00	21.67 1.38 0.00	18.55 1.12 0.00	21.76 1.16 0.00	20.60 1.07 0.00	20.15 1.17 0.00	17.50 1.06 0.00	20.16 1.19 0.00	21.94 1.40 0.00	22.01 1.44 0.00	23.38 1.68 0.00	24.95 1.88 0.00	24.70 1.85 0.00	25.11 1.94 0.00	26.16 2.02 0.00	29.90 2.45 0.00	31.07 2.46 0.00	33.73 2.53 0.00	30.96 2.23 0.00	32.26 2.03 0.00	37.87 2.30 0.00	31.95 2.00 0.00	26.49 1.66 0.00	25.37 1.59 0.00
HUDSON AVE_GT_5 23657	25.90 1.67 0.00	21.67 1.38 0.00	18.55 1.12 0.00	21.76 1.16 0.00	20.60 1.07 0.00	20.15 1.17 0.00	17.50 1.06 0.00	20.16 1.19 0.00	21.94 1.40 0.00	22.01 1.44 0.00	23.38 1.68 0.00	24.95 1.88 0.00	24.70 1.85 0.00	25.11 1.94 0.00	26.16 2.02 0.00	29.90 2.45 0.00	31.07 2.46 0.00	33.73 2.53 0.00	30.96 2.23 0.00	32.26 2.03 0.00	37.87 2.30 0.00	31.95 2.00 0.00	26.49 1.66 0.00	25.37 1.59 0.00
HUDSON_AVE_10 24168	25.84 1.61 0.00	21.63 1.34 0.00	18.52 1.08 0.00	21.72 1.12 0.00	20.57 1.03 0.00	20.12 1.13 0.00	17.47 1.03 0.00	20.11 1.15 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.32 1.62 0.00	24.89 1.82 0.00	24.66 1.80 0.00	25.06 1.89 0.00	26.11 1.97 0.00	29.85 2.40 0.00	31.01 2.40 0.00	33.68 2.48 0.00	30.90 2.17 0.00	32.21 1.97 0.00	37.76 2.19 0.00	31.86 1.92 0.00	26.41 1.58 0.00	25.32 1.54 0.00
HUDSON___115KV_TB 4 355613	25.29 1.06 0.00	21.32 1.02 0.00	18.34 0.90 0.00	21.59 0.99 0.00	20.49 0.95 0.00	19.97 0.98 0.00	17.29 0.85 0.00	19.82 0.85 0.00	21.37 0.82 0.00	21.21 0.65 0.00	22.32 0.62 0.00	23.69 0.63 0.00	23.47 0.61 0.00	23.83 0.67 0.00	24.89 0.75 0.00	28.40 0.94 0.00	29.67 1.05 0.00	32.65 1.45 0.00	30.18 1.45 0.00	31.87 1.64 0.00	37.45 1.88 0.00	31.45 1.51 0.00	26.03 1.19 0.00	24.87 1.09 0.00
HUNTER MOUNT___DRP 323613	25.41 1.18 0.00	21.43 1.14 0.00	18.45 1.01 0.00	21.73 1.14 0.00	20.62 1.09 0.00	20.09 1.11 0.00	17.40 0.96 0.00	19.93 0.96 0.00	21.45 0.91 0.00	21.25 0.69 0.00	22.33 0.63 0.00	23.70 0.63 0.00	23.49 0.63 0.00	23.86 0.69 0.00	24.93 0.79 0.00	28.47 1.02 0.00	29.76 1.15 0.00	32.84 1.64 0.00	30.38 1.66 0.00	32.14 1.91 0.00	37.75 2.19 0.00	31.68 1.74 0.00	26.21 1.37 0.00	25.03 1.25 0.00
HUNTINGTON_RES_REC 323705	27.27 1.71 -1.34	43.76 1.55 -21.92	18.62 1.18 0.00	21.79 1.20 0.00	20.49 0.95 0.00	20.01 1.02 0.00	17.45 1.01 0.00	20.17 1.21 0.00	21.90 1.35 0.00	21.90 1.34 0.00	27.37 1.88 -3.79	30.10 2.18 -4.86	31.82 2.14 -6.82	29.78 2.21 -4.41	25.95 1.80 0.00	29.70 2.24 0.00	30.99 2.37 0.00	33.73 2.54 0.00	31.00 2.27 0.00	32.23 2.00 0.00	37.68 2.12 0.00	31.72 1.77 0.00	26.40 1.57 0.00	25.48 1.70 0.00
HUNTLEY___63 23557	23.19 -1.03 0.00	19.39 -0.90 0.00	16.68 -0.76 0.00	19.55 -1.04 0.00	18.63 -0.90 0.00	18.21 -0.78 0.00	15.71 -0.73 0.00	18.40 -0.56 0.00	19.90 -0.64 0.00	20.04 -0.52 0.00	21.30 -0.40 0.00	22.51 -0.55 0.00	22.31 -0.55 0.00	22.57 -0.60 0.00	23.66 -0.49 0.00	26.63 -0.82 0.00	27.40 -1.22 0.00	29.94 -1.26 0.00	27.31 -1.42 0.00	28.84 -1.39 0.00	33.62 -1.95 0.00	28.42 -1.52 0.00	23.93 -0.91 0.00	23.00 -0.78 0.00
HUNTLEY___64 23558	23.19 -1.03 0.00	19.39 -0.90 0.00	16.68 -0.76 0.00	19.55 -1.04 0.00	18.63 -0.90 0.00	18.21 -0.78 0.00	15.71 -0.73 0.00	18.40 -0.56 0.00	19.90 -0.64 0.00	20.04 -0.52 0.00	21.30 -0.40 0.00	22.51 -0.55 0.00	22.31 -0.55 0.00	22.57 -0.60 0.00	23.66 -0.49 0.00	26.63 -0.82 0.00	27.40 -1.22 0.00	29.94 -1.26 0.00	27.31 -1.42 0.00	28.84 -1.39 0.00	33.62 -1.95 0.00	28.42 -1.52 0.00	23.93 -0.91 0.00	23.00 -0.78 0.00
HUNTLEY___65 23559	23.19 -1.03 0.00	19.39 -0.90 0.00	16.68 -0.76 0.00	19.55 -1.04 0.00	18.63 -0.90 0.00	18.21 -0.78 0.00	15.71 -0.73 0.00	18.40 -0.56 0.00	19.90 -0.64 0.00	20.04 -0.52 0.00	21.30 -0.40 0.00	22.51 -0.55 0.00	22.31 -0.55 0.00	22.57 -0.60 0.00	23.66 -0.49 0.00	26.63 -0.82 0.00	27.40 -1.22 0.00	29.94 -1.26 0.00	27.31 -1.42 0.00	28.84 -1.39 0.00	33.62 -1.95 0.00	28.42 -1.52 0.00	23.93 -0.91 0.00	23.00 -0.78 0.00
HUNTLEY___66 23560	23.19 -1.03 0.00	19.39 -0.90 0.00	16.68 -0.76 0.00	19.55 -1.04 0.00	18.63 -0.90 0.00	18.21 -0.78 0.00	15.71 -0.73 0.00	18.40 -0.56 0.00	19.90 -0.64 0.00	20.04 -0.52 0.00	21.30 -0.40 0.00	22.51 -0.55 0.00	22.31 -0.55 0.00	22.57 -0.60 0.00	23.66 -0.49 0.00	26.63 -0.82 0.00	27.40 -1.22 0.00	29.94 -1.26 0.00	27.31 -1.42 0.00	28.84 -1.39 0.00	33.62 -1.95 0.00	28.42 -1.52 0.00	23.93 -0.91 0.00	23.00 -0.78 0.00

HUNTLEY___67 23561	23.11 -1.12 0.00	19.31 -0.98 0.00	16.63 -0.81 0.00	19.51 -1.09 0.00	18.59 -0.95 0.00	18.17 -0.81 0.00	15.69 -0.76 0.00	18.37 -0.60 0.00	19.86 -0.68 0.00	20.01 -0.55 0.00	12.26 -0.44 0.00	22.55 -0.52 0.00	22.34 -0.53 0.00	22.61 -0.56 0.00	23.70 -0.45 0.00	26.62 -0.83 0.00	27.19 -1.42 0.00	29.70 -1.51 0.00	27.12 -1.61 0.00	28.64 -1.59 0.00	33.43 -2.14 0.00	28.27 -1.68 0.00	23.76 -1.07 0.00	22.82 -0.96 0.00
HUNTLEY___68 23562	23.11 -1.12 0.00	19.31 -0.98 0.00	16.63 -0.81 0.00	19.51 -1.09 0.00	18.59 -0.95 0.00	18.17 -0.81 0.00	15.69 -0.76 0.00	18.37 -0.60 0.00	19.86 -0.68 0.00	20.01 -0.55 0.00	12.26 -0.44 0.00	22.55 -0.52 0.00	22.34 -0.53 0.00	22.61 -0.56 0.00	23.70 -0.45 0.00	26.62 -0.83 0.00	27.19 -1.42 0.00	29.70 -1.51 0.00	27.12 -1.61 0.00	28.64 -1.59 0.00	33.43 -2.14 0.00	28.27 -1.68 0.00	23.76 -1.07 0.00	22.82 -0.96 0.00
HYLAND___LFGE 323620	24.45 0.23 0.00	20.39 0.10 0.00	17.53 0.09 0.00	20.62 0.03 0.00	19.65 0.11 0.00	19.24 0.25 0.00	16.65 0.21 0.00	19.35 0.39 0.00	20.46 -0.09 0.00	20.51 -0.05 0.00	12.71 0.01 0.00	23.06 -0.01 0.00	22.85 -0.01 0.00	23.22 0.06 0.00	24.31 0.16 0.00	27.59 0.13 0.00	28.45 -0.17 0.00	31.13 -0.07 0.00	28.55 -0.17 0.00	30.50 0.27 0.00	36.30 0.74 0.00	30.72 0.77 0.00	25.53 0.69 0.00	24.32 0.54 0.00
INDECK___CORINTH 23802	25.44 1.22 0.00	21.19 0.89 0.00	18.20 0.76 0.00	21.47 0.88 0.00	20.38 0.84 0.00	19.88 0.89 0.00	17.35 0.90 0.00	19.98 1.02 0.00	21.56 1.01 0.00	21.37 0.81 0.00	22.33 0.63 0.00	23.70 0.63 0.00	23.49 0.62 0.00	23.78 0.61 0.00	24.84 0.70 0.00	28.47 1.02 0.00	29.67 1.05 0.00	32.82 1.62 0.00	30.56 1.83 0.00	32.04 1.81 0.00	37.79 2.23 0.00	31.71 1.76 0.00	26.31 1.47 0.00	25.09 1.31 0.00
INDECK___ILION 23567	24.38 0.15 0.00	20.48 0.19 0.00	17.60 0.16 0.00	20.80 0.20 0.00	19.70 0.16 0.00	19.16 0.18 0.00	16.62 0.18 0.00	19.10 0.13 0.00	20.63 0.08 0.00	20.60 0.04 0.00	21.72 0.02 0.00	23.12 0.05 0.00	22.90 0.04 0.00	23.21 0.04 0.00	24.22 0.08 0.00	27.62 0.17 0.00	28.77 0.16 0.00	29.41 0.32 2.11	28.92 0.43 0.23	30.70 0.47 0.00	36.06 0.49 0.00	30.31 0.37 0.00	25.14 0.30 0.00	24.06 0.28 0.00
INDECK___OLEAN 23982	23.33 -0.90 0.00	19.49 -0.80 0.00	16.81 -0.63 0.00	19.84 -0.76 0.00	18.92 -0.62 0.00	18.58 -0.40 0.00	16.00 -0.44 0.00	18.65 -0.32 0.00	20.14 -0.41 0.00	20.30 -0.26 0.00	21.40 -0.29 0.00	22.73 -0.34 0.00	22.51 -0.35 0.00	22.82 -0.34 0.00	24.01 -0.13 0.00	27.09 -0.36 0.00	27.83 -0.79 0.00	30.20 -1.00 0.00	27.65 -1.08 0.00	29.08 -1.15 0.00	34.02 -1.54 0.00	28.81 -1.13 0.00	24.03 -0.81 0.00	22.99 -0.78 0.00
INDECK___OSWEGO 23783	23.24 -0.98 0.00	19.46 -0.83 0.00	16.73 -0.71 0.00	19.73 -0.86 0.00	18.75 -0.79 0.00	18.23 -0.75 0.00	15.76 -0.69 0.00	18.26 -0.71 0.00	19.76 -0.78 0.00	19.73 -0.83 0.00	20.73 -0.96 0.00	22.00 -1.07 0.00	21.81 -1.05 0.00	22.13 -1.04 0.00	23.09 -1.06 0.00	26.23 -1.22 0.00	27.24 -1.37 0.00	25.54 -1.24 4.42	27.12 -1.13 0.48	29.05 -1.17 0.00	34.05 -1.51 0.00	28.63 -1.31 0.00	23.75 -1.09 0.00	22.71 -1.07 0.00
INDECK___YERKES 23781	23.22 -1.01 0.00	19.41 -0.88 0.00	16.70 -0.74 0.00	19.58 -1.02 0.00	18.65 -0.88 0.00	18.23 -0.76 0.00	15.74 -0.71 0.00	18.45 -0.51 0.00	19.92 -0.62 0.00	20.07 -0.50 0.00	21.33 -0.37 0.00	22.55 -0.52 0.00	22.35 -0.52 0.00	22.60 -0.57 0.00	23.69 -0.45 0.00	26.67 -0.79 0.00	27.43 -1.18 0.00	29.98 -1.22 0.00	27.34 -1.38 0.00	28.87 -1.36 0.00	33.63 -1.93 0.00	28.46 -1.49 0.00	23.95 -0.88 0.00	23.02 -0.76 0.00
INDIAN POINT_GT_1 24139	25.58 1.35 0.00	21.40 1.11 0.00	18.32 0.89 0.00	21.51 0.91 0.00	20.37 0.83 0.00	19.91 0.93 0.00	17.30 0.86 0.00	19.94 0.98 0.00	21.67 1.13 0.00	21.71 1.15 0.00	23.05 1.35 0.00	24.58 1.51 0.00	24.35 1.49 0.00	24.74 1.57 0.00	25.77 1.63 0.00	29.45 1.99 0.00	30.63 2.02 0.00	33.31 2.10 0.00	30.60 1.88 0.00	31.92 1.69 0.00	37.45 1.88 0.00	31.55 1.60 0.00	26.17 1.34 0.00	25.09 1.31 0.00
INDIAN POINT_GT_2 23659	25.58 1.35 0.00	21.40 1.11 0.00	18.32 0.89 0.00	21.51 0.91 0.00	20.37 0.83 0.00	19.91 0.93 0.00	17.30 0.86 0.00	19.94 0.98 0.00	21.67 1.13 0.00	21.71 1.15 0.00	23.05 1.35 0.00	24.58 1.51 0.00	24.35 1.49 0.00	24.74 1.57 0.00	25.77 1.63 0.00	29.45 1.99 0.00	30.63 2.02 0.00	33.31 2.10 0.00	30.60 1.88 0.00	31.92 1.69 0.00	37.45 1.88 0.00	31.55 1.60 0.00	26.17 1.34 0.00	25.09 1.31 0.00
INDIAN POINT_GT_3 24019	25.58 1.35 0.00	21.40 1.11 0.00	18.32 0.89 0.00	21.51 0.91 0.00	20.37 0.83 0.00	19.91 0.93 0.00	17.30 0.86 0.00	19.94 0.98 0.00	21.67 1.13 0.00	21.71 1.15 0.00	23.05 1.35 0.00	24.58 1.51 0.00	24.35 1.49 0.00	24.74 1.57 0.00	25.77 1.63 0.00	29.45 1.99 0.00	30.63 2.02 0.00	33.31 2.10 0.00	30.60 1.88 0.00	31.92 1.69 0.00	37.45 1.88 0.00	31.55 1.60 0.00	26.17 1.34 0.00	25.09 1.31 0.00
INDIAN POINT___2 23530	25.54 1.31 0.00	21.36 1.07 0.00	18.29 0.86 0.00	21.47 0.88 0.00	20.33 0.79 0.00	19.88 0.89 0.00	17.27 0.83 0.00	19.91 0.94 0.00	21.64 1.10 0.00	21.69 1.13 0.00	23.02 1.32 0.00	24.55 1.48 0.00	24.32 1.46 0.00	24.71 1.54 0.00	25.74 1.60 0.00	29.41 1.96 0.00	30.59 1.98 0.00	33.25 2.05 0.00	30.54 1.82 0.00	31.86 1.63 0.00	37.39 1.82 0.00	31.49 1.54 0.00	26.13 1.29 0.00	25.05 1.27 0.00
INDIAN POINT___3 23531	25.54 1.31 0.00	21.37 1.08 0.00	18.30 0.87 0.00	21.49 0.89 0.00	20.35 0.81 0.00	19.89 0.91 0.00	17.29 0.84 0.00	19.92 0.96 0.00	21.65 1.10 0.00	21.69 1.13 0.00	23.02 1.32 0.00	24.55 1.48 0.00	24.32 1.45 0.00	24.70 1.53 0.00	25.73 1.58 0.00	29.39 1.94 0.00	30.57 1.96 0.00	33.25 2.05 0.00	30.55 1.82 0.00	31.87 1.63 0.00	37.39 1.83 0.00	31.49 1.55 0.00	26.14 1.30 0.00	25.05 1.27 0.00
INGHAM_C_115KV_TB7 356103	24.39 0.17 0.00	20.59 0.30 0.00	17.69 0.25 0.00	20.93 0.34 0.00	19.80 0.26 0.00	19.26 0.27 0.00	16.73 0.28 0.00	19.10 0.14 0.00	20.55 0.00 0.00	20.49 -0.08 0.00	21.57 -0.12 0.00	23.00 -0.07 0.00	22.77 -0.09 0.00	23.04 -0.12 0.00	24.07 -0.08 0.00	27.55 0.10 0.00	28.73 0.11 0.00	29.48 0.39 2.11	29.16 0.66 0.23	31.06 0.83 0.00	36.45 0.89 0.00	30.58 0.64 0.00	25.37 0.53 0.00	24.27 0.49 0.00
IP CORINTH___1 23988	25.57 1.34 0.00	21.30 1.00 0.00	18.30 0.86 0.00	21.58 0.98 0.00	20.48 0.94 0.00	19.98 0.99 0.00	17.43 0.99 0.00	20.08 1.12 0.00	21.67 1.12 0.00	21.48 0.92 0.00	22.44 0.75 0.00	23.83 0.76 0.00	23.62 0.75 0.00	23.91 0.75 0.00	24.98 0.84 0.00	28.63 1.17 0.00	29.82 1.21 0.00	33.01 1.81 0.00	30.72 1.99 0.00	32.21 1.98 0.00	37.99 2.43 0.00	31.88 1.93 0.00	26.45 1.61 0.00	25.23 1.45 0.00

IP___TICONDEROGA 23804	27.04 2.81 0.00	22.22 1.92 0.00	19.09 1.66 0.00	22.54 1.94 0.00	21.42 1.89 0.00	20.93 1.95 0.00	18.49 2.05 0.00	21.34 2.38 0.00	22.85 2.31 0.00	22.42 1.86 0.00	23.38 1.68 0.00	24.77 1.70 0.00	24.56 1.70 0.00	25.00 1.83 0.00	26.20 2.06 0.00	30.39 2.94 0.00	31.39 2.79 0.00	35.25 4.05 0.00	32.65 3.92 0.00	33.88 3.65 0.00	40.00 4.44 0.00	33.56 3.62 0.00	28.09 3.26 0.00	26.70 2.92 0.00
ISLIP_RES_REC 323679	27.47 1.91 -1.34	43.92 1.71 -21.92	18.73 1.29 0.00	21.92 1.33 0.00	20.62 1.08 0.00	20.13 1.14 0.00	17.59 1.15 0.00	20.36 1.40 0.00	22.10 1.56 0.00	22.10 1.54 0.00	27.58 2.08 -3.79	30.32 2.40 -4.86	32.05 2.38 -6.82	30.03 2.45 -4.41	26.25 2.10 0.00	30.14 2.69 0.00	31.46 2.85 0.00	34.26 3.05 -0.01	31.50 2.78 0.00	32.73 2.50 0.00	38.25 2.69 0.00	32.19 2.24 0.00	26.75 1.91 0.00	25.78 2.01 0.00
JAMAICA__27_KV_LOAD 355505	26.06 1.84 0.00	21.84 1.55 0.00	18.70 1.27 0.00	21.92 1.32 0.00	20.78 1.25 0.00	20.32 1.34 0.00	17.63 1.19 0.00	20.27 1.30 0.00	22.11 1.57 0.00	22.15 1.59 0.00	23.52 1.83 0.00	25.13 2.06 0.00	24.92 2.05 0.00	25.32 2.15 0.00	26.39 2.25 0.00	30.18 2.73 0.00	31.33 2.71 0.00	34.06 2.86 0.00	31.18 2.45 0.00	32.58 2.34 0.00	38.05 2.48 0.00	32.13 2.18 0.00	26.63 1.79 0.00	25.55 1.78 0.00
JANIS___SOLAR 323808	24.64 0.41 0.00	20.62 0.33 0.00	17.70 0.26 0.00	21.00 0.40 0.00	19.92 0.38 0.00	19.44 0.46 0.00	16.87 0.43 0.00	19.43 0.47 0.00	20.93 0.39 0.00	20.87 0.30 0.00	21.86 0.16 0.00	23.24 0.17 0.00	23.07 0.20 0.00	23.41 0.24 0.00	24.57 0.42 0.00	27.97 0.51 0.00	29.21 0.60 0.00	31.90 0.69 0.00	29.69 0.97 0.00	31.59 1.36 0.00	36.98 1.41 0.00	30.95 1.00 0.00	25.58 0.74 0.00	24.37 0.60 0.00
JARVIS____ 23743	24.30 0.07 0.00	20.35 0.06 0.00	17.50 0.06 0.00	20.65 0.06 0.00	19.60 0.06 0.00	19.06 0.08 0.00	16.52 0.07 0.00	19.04 0.08 0.00	20.63 0.08 0.00	20.62 0.06 0.00	21.75 0.05 0.00	23.12 0.06 0.00	22.91 0.05 0.00	23.24 0.07 0.00	24.22 0.08 0.00	27.56 0.11 0.00	28.69 0.08 0.00	29.23 0.13 2.11	28.64 0.14 0.23	30.35 0.12 0.00	35.66 0.10 0.00	30.02 0.07 0.00	24.91 0.07 0.00	23.85 0.07 0.00
JENNISON___1 23625	24.83 0.61 0.00	20.83 0.54 0.00	17.90 0.46 0.00	21.47 0.87 0.00	20.31 0.78 0.00	19.63 0.65 0.00	17.00 0.56 0.00	19.44 0.47 0.00	21.29 0.74 0.00	21.49 0.93 0.00	22.46 0.76 0.00	24.09 1.03 0.00	23.88 1.01 0.00	24.27 1.10 0.00	25.41 1.27 0.00	29.04 1.58 0.00	30.31 1.70 0.00	33.13 1.93 0.00	30.79 2.07 0.00	32.55 2.31 0.00	37.68 2.11 0.00	30.98 1.04 0.00	25.60 0.76 0.00	24.48 0.70 0.00
JENNISON___2 23626	24.83 0.61 0.00	20.83 0.54 0.00	17.90 0.46 0.00	21.47 0.87 0.00	20.31 0.78 0.00	19.63 0.65 0.00	17.00 0.56 0.00	19.44 0.47 0.00	21.29 0.74 0.00	21.49 0.93 0.00	22.46 0.76 0.00	24.09 1.03 0.00	23.88 1.01 0.00	24.27 1.10 0.00	25.41 1.27 0.00	29.04 1.58 0.00	30.31 1.70 0.00	33.13 1.93 0.00	30.79 2.07 0.00	32.55 2.31 0.00	37.68 2.11 0.00	30.98 1.04 0.00	25.60 0.76 0.00	24.48 0.70 0.00
JERICHO_RISE_WT_PWR 323719	23.86 -0.37 0.00	19.89 -0.40 0.00	17.06 -0.37 0.00	20.18 -0.42 0.00	19.16 -0.38 0.00	18.43 -0.55 0.00	15.75 -0.69 0.00	18.22 -0.74 0.00	19.82 -0.72 0.00	19.95 -0.61 0.00	21.04 -0.66 0.00	22.34 -0.73 0.00	22.13 -0.73 0.00	22.22 -0.95 0.00	22.95 -1.19 0.00	26.02 -1.43 0.00	27.61 -1.01 0.00	16.30 -0.94 13.96	26.37 -0.84 1.51	29.81 -0.42 0.00	35.11 -0.46 0.00	29.50 -0.45 0.00	24.60 -0.23 0.00	23.62 -0.16 0.00
KATONAH__115KV_46KV_TB4 355592	25.74 1.52 0.00	21.53 1.24 0.00	18.44 1.00 0.00	21.64 1.05 0.00	20.50 0.96 0.00	20.04 1.06 0.00	17.42 0.98 0.00	20.08 1.11 0.00	21.82 1.28 0.00	21.86 1.30 0.00	23.21 1.51 0.00	24.75 1.68 0.00	24.54 1.68 0.00	24.95 1.78 0.00	25.99 1.85 0.00	29.72 2.27 0.00	30.92 2.31 0.00	33.65 2.45 0.00	30.93 2.21 0.00	32.25 2.02 0.00	37.80 2.24 0.00	31.82 1.88 0.00	26.39 1.55 0.00	25.25 1.48 0.00
KCE_NY_1 323755	25.64 1.41 0.00	21.43 1.14 0.00	18.43 0.99 0.00	21.72 1.13 0.00	20.61 1.08 0.00	20.10 1.11 0.00	17.47 1.03 0.00	20.11 1.14 0.00	21.70 1.16 0.00	21.57 1.00 0.00	22.67 0.97 0.00	24.08 1.01 0.00	23.87 1.01 0.00	24.23 1.06 0.00	25.29 1.14 0.00	28.89 1.43 0.00	30.17 1.56 0.00	33.24 2.04 0.00	30.75 2.02 0.00	32.30 2.07 0.00	37.99 2.43 0.00	31.90 1.95 0.00	26.44 1.60 0.00	25.26 1.48 0.00
KCE_NY_6_ESR 323823	23.33 -0.89 0.00	19.48 -0.82 0.00	16.77 -0.66 0.00	19.69 -0.91 0.00	18.76 -0.77 0.00	18.35 -0.63 0.00	15.84 -0.60 0.00	18.59 -0.37 0.00	20.09 -0.45 0.00	20.24 -0.32 0.00	21.50 -0.19 0.00	22.83 -0.24 0.00	22.61 -0.25 0.00	22.90 -0.27 0.00	24.02 -0.13 0.00	27.04 -0.41 0.00	27.71 -0.90 0.00	30.25 -0.95 0.00	27.66 -1.07 0.00	29.17 -1.06 0.00	34.02 -1.54 0.00	28.77 -1.17 0.00	24.13 -0.71 0.00	23.13 -0.65 0.00
KEDC_PORT_JEFF_GT2 24210	27.31 1.74 -1.34	43.80 1.58 -21.92	18.63 1.19 0.00	21.81 1.22 0.00	20.52 0.98 0.00	20.03 1.04 0.00	17.49 1.05 0.00	20.23 1.27 0.00	21.96 1.42 0.00	21.95 1.38 0.00	27.41 1.92 -3.79	30.14 2.21 -4.86	31.87 2.20 -6.82	29.84 2.26 -4.41	26.02 1.88 0.00	29.79 2.34 0.00	31.02 2.41 0.00	33.76 2.56 0.00	31.04 2.32 0.00	32.27 2.04 0.00	37.73 2.17 0.00	31.75 1.80 0.00	26.42 1.59 0.00	25.60 1.82 0.00
KEDC_PORT_JEFF_GT3 24211	27.31 1.74 -1.34	43.80 1.58 -21.92	18.63 1.19 0.00	21.81 1.22 0.00	20.52 0.98 0.00	20.03 1.04 0.00	17.49 1.05 0.00	20.23 1.27 0.00	21.96 1.42 0.00	21.95 1.38 0.00	27.41 1.92 -3.79	30.14 2.21 -4.86	31.87 2.20 -6.82	29.84 2.26 -4.41	26.02 1.88 0.00	29.79 2.34 0.00	31.02 2.41 0.00	33.76 2.56 0.00	31.04 2.32 0.00	32.27 2.04 0.00	37.73 2.17 0.00	31.75 1.80 0.00	26.42 1.59 0.00	25.60 1.82 0.00
KEDC_GLWD_GT4 24219	27.42 1.86 -1.34	43.80 1.58 -21.92	18.68 1.24 0.00	21.88 1.28 0.00	20.62 1.09 0.00	20.17 1.18 0.00	17.54 1.10 0.00	20.23 1.27 0.00	22.00 1.46 0.00	22.05 1.49 0.00	27.41 1.92 -3.79	30.12 2.20 -4.86	31.85 2.17 -6.82	29.84 2.26 -4.41	26.26 2.12 0.00	29.96 2.51 0.00	31.09 2.48 0.00	33.81 2.61 0.00	31.02 2.30 0.00	32.25 2.02 0.00	37.79 2.22 0.00	31.85 1.91 0.00	26.68 1.85 0.00	25.62 1.84 0.00
KEDC_GLWD_GT5 24220	27.42 1.86 -1.34	43.80 1.58 -21.92	18.68 1.24 0.00	21.88 1.28 0.00	20.62 1.09 0.00	20.17 1.18 0.00	17.54 1.10 0.00	20.23 1.27 0.00	22.00 1.46 0.00	22.05 1.49 0.00	27.41 1.92 -3.79	30.12 2.20 -4.86	31.85 2.17 -6.82	29.84 2.26 -4.41	26.26 2.12 0.00	29.96 2.51 0.00	31.09 2.48 0.00	33.81 2.61 0.00	31.02 2.30 0.00	32.25 2.02 0.00	37.79 2.22 0.00	31.85 1.91 0.00	26.68 1.85 0.00	25.62 1.84 0.00

KENSICO____ 23655	25.66 1.44 0.00	21.48 1.19 0.00	18.39 0.95 0.00	21.58 0.99 0.00	20.44 0.90 0.00	19.99 1.00 0.00	17.36 0.92 0.00	20.01 1.04 0.00	21.75 1.20 0.00	21.79 1.23 0.00	23.14 1.44 0.00	24.68 1.61 0.00	24.45 1.59 0.00	24.84 1.67 0.00	25.86 1.72 0.00	29.55 2.10 0.00	30.74 2.13 0.00	33.42 2.22 0.00	30.71 1.99 0.00	32.02 1.79 0.00	37.58 2.01 0.00	31.66 1.72 0.00	26.27 1.43 0.00	25.17 1.39 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.60 1.37 0.00	21.36 1.07 0.00	18.28 0.84 0.00	21.47 0.88 0.00	20.34 0.80 0.00	19.87 0.89 0.00	17.28 0.84 0.00	19.95 0.98 0.00	21.67 1.12 0.00	21.70 1.14 0.00	22.99 1.29 0.00	24.50 1.43 0.00	24.31 1.45 0.00	24.78 1.61 0.00	25.80 1.66 0.00	29.53 2.08 0.00	30.80 2.18 0.00	33.62 2.42 0.00	30.96 2.24 0.00	32.36 2.12 0.00	37.90 2.34 0.00	31.81 1.86 0.00	26.32 1.48 0.00	25.17 1.39 0.00
KIAC_JFK_GT1 23816	25.88 1.66 0.00	21.70 1.41 0.00	18.59 1.16 0.00	21.79 1.19 0.00	20.66 1.12 0.00	20.20 1.22 0.00	17.53 1.09 0.00	20.15 1.18 0.00	21.97 1.43 0.00	22.02 1.46 0.00	23.38 1.68 0.00	24.95 1.88 0.00	24.68 1.82 0.00	25.08 1.91 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.04 2.43 0.00	33.73 2.53 0.00	30.88 2.16 0.00	32.25 2.02 0.00	37.67 2.11 0.00	31.81 1.86 0.00	26.37 1.53 0.00	25.38 1.60 0.00
KIAC_JFK_GT2 23817	25.88 1.66 0.00	21.70 1.41 0.00	18.59 1.16 0.00	21.79 1.19 0.00	20.66 1.12 0.00	20.20 1.22 0.00	17.53 1.09 0.00	20.15 1.18 0.00	21.97 1.43 0.00	22.02 1.46 0.00	23.38 1.68 0.00	24.95 1.88 0.00	24.68 1.82 0.00	25.08 1.91 0.00	26.14 2.00 0.00	29.89 2.44 0.00	31.04 2.43 0.00	33.73 2.53 0.00	30.88 2.16 0.00	32.25 2.02 0.00	37.67 2.11 0.00	31.81 1.86 0.00	26.37 1.53 0.00	25.38 1.60 0.00
KIAC_JFK____ 323774	25.88 1.66 0.00	21.70 1.41 0.00	18.59 1.16 0.00	21.79 1.19 0.00	20.65 1.12 0.00	20.20 1.21 0.00	17.53 1.09 0.00	20.14 1.18 0.00	21.97 1.42 0.00	22.02 1.46 0.00	23.38 1.68 0.00	24.95 1.88 0.00	24.68 1.82 0.00	25.08 1.91 0.00	26.14 2.00 0.00	29.89 2.43 0.00	31.03 2.42 0.00	33.73 2.53 0.00	30.88 2.15 0.00	32.25 2.02 0.00	37.68 2.11 0.00	31.81 1.87 0.00	26.37 1.53 0.00	25.38 1.60 0.00
KINTIGH____ 23543	22.99 -1.23 0.00	19.24 -1.06 0.00	16.56 -0.88 0.00	19.45 -1.15 0.00	18.51 -1.03 0.00	18.08 -0.91 0.00	15.60 -0.84 0.00	18.22 -0.75 0.00	19.69 -0.86 0.00	19.82 -0.75 0.00	21.02 -0.68 0.00	22.29 -0.78 0.00	22.06 -0.80 0.00	22.33 -0.84 0.00	23.37 -0.78 0.00	26.38 -1.08 0.00	27.18 -1.44 0.00	28.13 -1.52 1.55	26.98 -1.58 0.17	28.67 -1.56 0.00	33.48 -2.08 0.00	28.29 -1.65 0.00	23.73 -1.11 0.00	22.76 -1.01 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.38 0.15 0.00	20.33 0.04 0.00	17.42 -0.01 0.00	20.58 -0.01 0.00	19.49 -0.05 0.00	18.64 -0.35 0.00	15.64 -0.80 0.00	18.02 -0.95 0.00	19.60 -0.94 0.00	19.69 -0.87 0.00	20.75 -0.94 0.00	22.02 -1.05 0.00	21.81 -1.05 0.00	21.88 -1.29 0.00	22.50 -1.64 0.00	25.65 -1.81 0.00	27.63 -0.98 0.00	22.17 -0.53 8.50	27.38 -0.42 0.92	30.36 0.13 0.00	35.77 0.21 0.00	29.94 -0.01 0.00	25.20 0.36 0.00	24.31 0.53 0.00
LACHUTE__HYDRO 323717	27.04 2.81 0.00	22.22 1.93 0.00	19.09 1.66 0.00	22.53 1.94 0.00	21.42 1.89 0.00	20.93 1.95 0.00	18.49 2.05 0.00	21.34 2.38 0.00	22.85 2.31 0.00	22.42 1.86 0.00	23.38 1.68 0.00	24.77 1.70 0.00	24.56 1.70 0.00	25.00 1.83 0.00	26.20 2.06 0.00	30.39 2.94 0.00	31.40 2.78 0.00	35.25 4.05 0.00	32.65 3.92 0.00	33.88 3.65 0.00	40.00 4.44 0.00	33.56 3.62 0.00	28.09 3.25 0.00	26.70 2.92 0.00
LAWRNCV_115KV_TB1 80681	23.53 -0.69 0.00	19.62 -0.67 0.00	16.84 -0.60 0.00	19.93 -0.67 0.00	18.92 -0.61 0.00	18.33 -0.65 0.00	15.84 -0.60 0.00	18.27 -0.69 0.00	19.78 -0.77 0.00	19.88 -0.68 0.00	20.99 -0.71 0.00	22.30 -0.77 0.00	22.10 -0.76 0.00	22.31 -0.86 0.00	23.18 -0.96 0.00	26.24 -1.22 0.00	27.51 -1.11 0.00	-70.39 -1.53 100.06	16.50 -1.39 10.84	29.37 -0.86 0.00	34.70 -0.86 0.00	29.27 -0.68 0.00	24.22 -0.61 0.00	23.15 -0.63 0.00
LEDERLE____ 23769	25.62 1.39 0.00	21.42 1.13 0.00	18.33 0.90 0.00	21.53 0.93 0.00	20.39 0.85 0.00	19.93 0.95 0.00	17.32 0.88 0.00	19.98 1.02 0.00	21.72 1.18 0.00	21.79 1.23 0.00	23.11 1.42 0.00	24.67 1.60 0.00	24.45 1.59 0.00	24.84 1.67 0.00	25.89 1.75 0.00	29.58 2.12 0.00	30.77 2.15 0.00	33.44 2.24 0.00	30.71 1.98 0.00	32.02 1.79 0.00	37.56 1.99 0.00	31.62 1.67 0.00	26.23 1.39 0.00	25.14 1.36 0.00
LIGHTHSE_115KV_TB6 355974	23.35 -0.87 0.00	19.45 -0.84 0.00	16.72 -0.71 0.00	19.74 -0.86 0.00	18.78 -0.75 0.00	18.37 -0.62 0.00	15.92 -0.52 0.00	18.43 -0.54 0.00	19.91 -0.64 0.00	19.88 -0.69 0.00	20.90 -0.80 0.00	22.15 -0.92 0.00	21.99 -0.87 0.00	22.31 -0.86 0.00	23.25 -0.89 0.00	26.44 -1.01 0.00	27.54 -1.07 0.00	20.09 -1.06 10.05	26.75 -0.88 1.09	29.42 -0.81 0.00	34.50 -1.06 0.00	28.95 -1.00 0.00	23.94 -0.90 0.00	22.84 -0.94 0.00
LINDEN COGEN____ 23786	25.82 1.60 0.00	21.62 1.32 0.00	18.50 1.06 0.00	21.70 1.10 0.00	20.54 1.01 0.00	20.09 1.11 0.00	17.43 0.98 0.00	20.07 1.11 0.00	21.85 1.30 0.00	21.91 1.34 0.00	23.24 1.54 0.00	24.80 1.73 0.00	24.57 1.71 0.00	24.97 1.80 0.00	26.03 1.88 0.00	29.74 2.29 0.00	30.91 2.29 0.00	33.54 2.34 0.00	30.78 2.06 0.00	32.08 1.85 0.00	37.67 2.10 0.00	31.78 1.83 0.00	26.36 1.52 0.00	25.25 1.48 0.00
LINDHRST_69_KV_BK1 356055	27.61 2.04 -1.34	43.98 1.77 -21.92	18.81 1.37 0.00	22.02 1.42 0.00	20.72 1.18 0.00	20.25 1.27 0.00	17.65 1.20 0.00	20.39 1.42 0.00	22.15 1.60 0.00	22.17 1.60 0.00	27.60 2.11 -3.79	30.31 2.38 -4.85	32.01 2.33 -6.82	29.95 2.37 -4.41	26.23 2.09 0.00	30.10 2.65 0.00	31.39 2.78 0.00	34.19 2.99 0.00	31.42 2.70 0.00	32.66 2.43 0.00	38.25 2.68 0.00	32.25 2.31 0.00	26.84 2.01 0.00	25.82 2.04 0.00
LIPA_MISC_IPP 23656	27.14 1.58 -1.34	43.67 1.46 -21.92	18.52 1.08 0.00	21.68 1.09 0.00	20.40 0.87 0.00	19.90 0.92 0.00	17.41 0.97 0.00	20.16 1.19 0.00	21.86 1.31 0.00	21.80 1.24 0.00	27.25 1.76 -3.79	29.99 2.06 -4.85	31.73 2.05 -6.82	29.69 2.11 -4.41	25.88 1.74 0.00	29.71 2.26 0.00	31.03 2.42 0.00	33.75 2.55 0.00	31.05 2.33 0.00	32.31 2.08 0.00	37.78 2.22 0.00	31.78 1.84 0.00	26.44 1.60 0.00	25.49 1.72 0.00
LISF__SOLAR 323691	27.19 1.63 -1.34	43.72 1.50 -21.92	18.55 1.12 0.00	21.72 1.13 0.00	20.44 0.90 0.00	19.94 0.96 0.00	17.45 1.01 0.00	20.19 1.23 0.00	21.90 1.35 0.00	21.84 1.28 0.00	27.28 1.79 -3.79	30.02 2.09 -4.86	31.75 2.08 -6.82	29.72 2.15 -4.41	25.92 1.78 0.00	29.78 2.32 0.00	31.11 2.50 0.00	33.83 2.63 0.00	31.15 2.43 0.00	32.41 2.18 0.00	37.90 2.33 0.00	31.88 1.93 0.00	26.51 1.68 0.00	25.55 1.77 0.00

LITTLE FALLS___HYD 24013	24.39 0.17 0.00	20.59 0.30 0.00	17.69 0.25 0.00	20.93 0.34 0.00	19.80 0.26 0.00	19.26 0.27 0.00	16.73 0.28 0.00	19.10 0.14 0.00	20.55 0.00 0.00	20.49 -0.08 0.00	21.57 -0.12 0.00	23.00 -0.07 0.00	22.77 -0.09 0.00	23.04 -0.12 0.00	24.07 -0.08 0.00	27.55 0.10 0.00	28.73 0.11 0.00	29.48 0.39 2.11	29.16 0.66 0.23	31.06 0.83 0.00	36.45 0.89 0.00	30.58 0.64 0.00	25.37 0.53 0.00	24.27 0.49 0.00
LITTLRIV_115KV_TB1 356100	23.80 -0.42 0.00	19.85 -0.44 0.00	17.03 -0.41 0.00	20.16 -0.44 0.00	19.14 -0.39 0.00	18.54 -0.44 0.00	16.02 -0.42 0.00	18.45 -0.51 0.00	19.91 -0.63 0.00	20.00 -0.57 0.00	21.11 -0.59 0.00	22.41 -0.66 0.00	22.22 -0.65 0.00	22.43 -0.74 0.00	23.31 -0.83 0.00	26.39 -1.06 0.00	27.66 -0.95 0.00	-65.73 -1.33 95.60	17.22 -1.15 10.36	29.71 -0.51 0.00	35.23 -0.33 0.00	29.73 -0.21 0.00	24.58 -0.25 0.00	23.47 -0.31 0.00
LI_NEWBRDGE___DRP 323616	27.17 1.61 -1.34	43.61 1.40 -21.92	18.53 1.09 0.00	21.70 1.11 0.00	20.45 0.91 0.00	19.99 1.01 0.00	17.39 0.95 0.00	20.06 1.10 0.00	21.79 1.24 0.00	21.81 1.25 0.00	27.16 1.67 -3.79	29.82 1.90 -4.85	31.54 1.87 -6.82	29.51 1.93 -4.41	25.87 1.73 0.00	29.60 2.15 0.00	30.82 2.21 0.00	33.53 2.33 0.00	30.79 2.07 0.00	32.03 1.80 0.00	37.54 1.98 0.00	31.65 1.71 0.00	26.37 1.53 0.00	25.35 1.57 0.00
LOCKPORT_115KV_TB60_63_64 80432	22.99 -1.24 0.00	19.21 -1.08 0.00	16.54 -0.89 0.00	19.39 -1.20 0.00	18.47 -1.06 0.00	18.05 -0.93 0.00	15.58 -0.86 0.00	18.23 -0.74 0.00	19.69 -0.85 0.00	19.83 -0.74 0.00	21.06 -0.64 0.00	22.32 -0.75 0.00	22.14 -0.72 0.00	22.34 -0.83 0.00	23.41 -0.73 0.00	26.36 -1.10 0.00	27.10 -1.52 0.00	28.07 -1.58 1.55	26.92 -1.63 0.17	28.65 -1.57 0.00	33.43 -2.13 0.00	28.27 -1.67 0.00	23.78 -1.06 0.00	22.82 -0.95 0.00
LOCKPORT___CC1 323769	22.95 -1.27 0.00	19.19 -1.10 0.00	16.52 -0.91 0.00	19.38 -1.22 0.00	18.46 -1.08 0.00	18.04 -0.95 0.00	15.56 -0.88 0.00	18.25 -0.72 0.00	19.68 -0.87 0.00	19.82 -0.75 0.00	21.05 -0.65 0.00	22.30 -0.76 0.00	22.11 -0.75 0.00	22.31 -0.86 0.00	23.36 -0.78 0.00	26.32 -1.14 0.00	27.04 -1.57 0.00	28.01 -1.64 1.55	26.86 -1.70 0.17	28.57 -1.66 0.00	33.32 -2.25 0.00	28.20 -1.74 0.00	23.73 -1.11 0.00	22.77 -1.00 0.00
LOCKPORT___CC2 323770	22.95 -1.27 0.00	19.19 -1.10 0.00	16.52 -0.91 0.00	19.38 -1.22 0.00	18.46 -1.08 0.00	18.04 -0.95 0.00	15.56 -0.88 0.00	18.25 -0.72 0.00	19.68 -0.87 0.00	19.82 -0.75 0.00	21.05 -0.65 0.00	22.30 -0.76 0.00	22.11 -0.75 0.00	22.31 -0.86 0.00	23.36 -0.78 0.00	26.32 -1.14 0.00	27.04 -1.57 0.00	28.01 -1.64 1.55	26.86 -1.70 0.17	28.57 -1.66 0.00	33.32 -2.25 0.00	28.20 -1.74 0.00	23.73 -1.11 0.00	22.77 -1.00 0.00
LOCKPORT___CC3 323771	22.95 -1.27 0.00	19.19 -1.10 0.00	16.52 -0.91 0.00	19.38 -1.22 0.00	18.46 -1.08 0.00	18.04 -0.95 0.00	15.56 -0.88 0.00	18.25 -0.72 0.00	19.68 -0.87 0.00	19.82 -0.75 0.00	21.05 -0.65 0.00	22.30 -0.76 0.00	22.11 -0.75 0.00	22.31 -0.86 0.00	23.36 -0.78 0.00	26.32 -1.14 0.00	27.04 -1.57 0.00	28.01 -1.64 1.55	26.86 -1.70 0.17	28.57 -1.66 0.00	33.32 -2.25 0.00	28.20 -1.74 0.00	23.73 -1.11 0.00	22.77 -1.00 0.00
LONG_LAKE_PHOENIX 24014	23.41 -0.82 0.00	19.61 -0.69 0.00	16.85 -0.59 0.00	19.87 -0.72 0.00	18.88 -0.66 0.00	18.38 -0.61 0.00	15.90 -0.54 0.00	18.41 -0.56 0.00	19.91 -0.63 0.00	19.89 -0.67 0.00	20.90 -0.80 0.00	22.18 -0.89 0.00	21.97 -0.89 0.00	22.30 -0.86 0.00	23.28 -0.86 0.00	26.45 -1.01 0.00	27.51 -1.10 0.00	26.77 -1.01 3.42	27.44 -0.91 0.37	29.31 -0.92 0.00	34.34 -1.23 0.00	28.88 -1.06 0.00	23.95 -0.89 0.00	22.90 -0.88 0.00
LOVETT___3 23632	25.49 1.26 0.00	21.32 1.03 0.00	18.26 0.82 0.00	21.43 0.84 0.00	20.30 0.76 0.00	19.85 0.86 0.00	17.24 0.80 0.00	19.88 0.92 0.00	21.61 1.06 0.00	21.66 1.10 0.00	22.97 1.27 0.00	24.51 1.44 0.00	24.28 1.42 0.00	24.66 1.50 0.00	25.69 1.55 0.00	29.35 1.90 0.00	30.52 1.91 0.00	33.17 1.97 0.00	30.47 1.75 0.00	31.78 1.55 0.00	37.28 1.72 0.00	31.40 1.45 0.00	26.06 1.23 0.00	25.00 1.22 0.00
LOVETT___4 23642	25.49 1.26 0.00	21.32 1.03 0.00	18.26 0.82 0.00	21.43 0.84 0.00	20.30 0.76 0.00	19.85 0.86 0.00	17.24 0.80 0.00	19.88 0.92 0.00	21.61 1.06 0.00	21.66 1.10 0.00	22.97 1.27 0.00	24.51 1.44 0.00	24.28 1.42 0.00	24.66 1.50 0.00	25.69 1.55 0.00	29.35 1.90 0.00	30.52 1.91 0.00	33.17 1.97 0.00	30.47 1.75 0.00	31.78 1.55 0.00	37.28 1.72 0.00	31.40 1.45 0.00	26.06 1.23 0.00	25.00 1.22 0.00
LOVETT___5 23593	25.49 1.26 0.00	21.32 1.03 0.00	18.26 0.82 0.00	21.43 0.84 0.00	20.30 0.76 0.00	19.85 0.86 0.00	17.24 0.80 0.00	19.88 0.92 0.00	21.61 1.06 0.00	21.66 1.10 0.00	22.97 1.27 0.00	24.51 1.44 0.00	24.28 1.42 0.00	24.66 1.50 0.00	25.69 1.55 0.00	29.35 1.90 0.00	30.52 1.91 0.00	33.17 1.97 0.00	30.47 1.75 0.00	31.78 1.55 0.00	37.28 1.72 0.00	31.40 1.45 0.00	26.06 1.23 0.00	25.00 1.22 0.00
LOWER RAQUET___HYD 24057	23.41 -0.82 0.00	19.51 -0.78 0.00	16.74 -0.70 0.00	19.81 -0.79 0.00	18.81 -0.72 0.00	18.23 -0.76 0.00	15.75 -0.69 0.00	18.17 -0.79 0.00	19.66 -0.88 0.00	19.76 -0.80 0.00	20.87 -0.83 0.00	22.16 -0.91 0.00	21.96 -0.90 0.00	22.17 -1.00 0.00	23.02 -1.12 0.00	26.07 -1.38 0.00	27.34 -1.27 0.00	-61.91 -1.70 91.41	17.30 -1.52 9.91	29.24 -0.99 0.00	34.56 -1.01 0.00	29.13 -0.81 0.00	24.11 -0.72 0.00	23.03 -0.75 0.00
LOWER___HUDSON 24059	25.19 0.97 0.00	21.14 0.84 0.00	18.19 0.75 0.00	21.44 0.84 0.00	20.34 0.80 0.00	19.81 0.83 0.00	17.18 0.74 0.00	19.76 0.79 0.00	21.36 0.82 0.00	21.25 0.69 0.00	22.39 0.69 0.00	23.78 0.71 0.00	23.56 0.70 0.00	23.90 0.73 0.00	24.90 0.76 0.00	28.36 0.91 0.00	29.55 0.93 0.00	32.48 1.28 0.00	30.02 1.30 0.00	31.59 1.36 0.00	37.10 1.54 0.00	31.18 1.24 0.00	25.87 1.03 0.00	24.80 1.02 0.00
LOWVILLE_115KV_TB2 356335	23.92 -0.30 0.00	19.75 -0.55 0.00	16.99 -0.45 0.00	20.04 -0.55 0.00	19.12 -0.42 0.00	18.81 -0.18 0.00	16.34 -0.10 0.00	18.93 -0.04 0.00	20.43 -0.11 0.00	20.41 -0.15 0.00	21.48 -0.22 0.00	22.78 -0.29 0.00	22.60 -0.26 0.00	22.86 -0.31 0.00	23.79 -0.35 0.00	27.07 -0.38 0.00	28.27 -0.35 0.00	4.64 -0.33 26.23	25.75 -0.13 2.84	30.34 0.11 0.00	35.55 -0.01 0.00	29.75 -0.19 0.00	24.57 -0.27 0.00	23.38 -0.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.62 1.39 0.00	21.42 1.13 0.00	18.42 0.98 0.00	21.71 1.12 0.00	20.60 1.07 0.00	20.08 1.10 0.00	17.46 1.02 0.00	20.09 1.12 0.00	21.69 1.14 0.00	21.55 0.99 0.00	22.65 0.95 0.00	24.06 0.99 0.00	23.86 1.00 0.00	24.21 1.04 0.00	25.26 1.12 0.00	28.86 1.40 0.00	30.11 1.49 0.00	33.17 1.97 0.00	30.72 2.00 0.00	32.28 2.04 0.00	37.95 2.39 0.00	31.87 1.92 0.00	26.42 1.58 0.00	25.25 1.47 0.00

LUTHERNY_35_KV_BK2 355980	25.64 1.41 0.00	21.43 1.14 0.00	18.43 0.99 0.00	21.72 1.13 0.00	20.61 1.08 0.00	20.10 1.11 0.00	17.47 1.03 0.00	20.11 1.14 0.00	21.70 1.16 0.00	21.57 1.00 0.00	22.67 0.97 0.00	24.08 1.01 0.00	23.87 1.01 0.00	24.23 1.06 0.00	25.29 1.14 0.00	28.89 1.44 0.00	30.17 1.56 0.00	33.24 2.04 0.00	30.75 2.03 0.00	32.30 2.07 0.00	37.99 2.42 0.00	31.90 1.95 0.00	26.44 1.60 0.00	25.26 1.48 0.00
LWR___OSWEGATCHIE_HYD 23850	23.46 -0.76 0.00	19.46 -0.83 0.00	16.72 -0.71 0.00	19.77 -0.83 0.00	18.81 -0.72 0.00	18.37 -0.61 0.00	15.92 -0.52 0.00	18.42 -0.55 0.00	19.89 -0.66 0.00	19.92 -0.64 0.00	21.00 -0.69 0.00	22.27 -0.79 0.00	22.10 -0.76 0.00	22.33 -0.83 0.00	23.22 -0.93 0.00	26.36 -1.09 0.00	27.59 -1.02 0.00	-32.17 -1.26 62.11	21.00 -1.00 6.73	29.63 -0.60 0.00	34.81 -0.75 0.00	29.23 -0.71 0.00	24.15 -0.68 0.00	23.03 -0.75 0.00
LYONS_FALL_HYD 23570	24.19 -0.03 0.00	20.07 -0.23 0.00	17.25 -0.19 0.00	20.37 -0.23 0.00	19.39 -0.15 0.00	19.00 0.02 0.00	16.50 0.06 0.00	19.08 0.12 0.00	20.61 0.07 0.00	20.60 0.04 0.00	21.70 0.00 0.00	23.04 -0.03 0.00	22.85 -0.01 0.00	23.14 -0.02 0.00	24.12 -0.03 0.00	27.44 -0.02 0.00	28.62 0.01 0.00	13.84 0.08 17.43	27.04 0.20 1.89	30.60 0.37 0.00	35.90 0.34 0.00	30.10 0.15 0.00	24.88 0.04 0.00	23.69 -0.08 0.00
MADISON___COUNTY_LFGE 323628	24.57 0.34 0.00	20.52 0.23 0.00	17.63 0.19 0.00	20.80 0.21 0.00	19.76 0.22 0.00	19.30 0.32 0.00	16.75 0.31 0.00	19.33 0.37 0.00	20.86 0.31 0.00	20.84 0.28 0.00	21.97 0.27 0.00	23.36 0.29 0.00	23.15 0.29 0.00	23.51 0.34 0.00	24.55 0.40 0.00	27.91 0.45 0.00	29.09 0.47 0.00	26.35 0.57 5.42	28.74 0.60 0.59	30.96 0.72 0.00	36.39 0.83 0.00	30.59 0.65 0.00	25.32 0.48 0.00	24.15 0.37 0.00
MALONE___115KV_TB1 356076	23.95 -0.28 0.00	19.95 -0.34 0.00	17.11 -0.32 0.00	20.23 -0.36 0.00	19.20 -0.34 0.00	18.52 -0.46 0.00	15.88 -0.57 0.00	18.36 -0.60 0.00	19.95 -0.60 0.00	20.08 -0.48 0.00	21.18 -0.51 0.00	22.49 -0.58 0.00	22.28 -0.58 0.00	22.41 -0.75 0.00	23.18 -0.96 0.00	26.26 -1.19 0.00	27.81 -0.80 0.00	-3.03 -0.82 33.41	24.41 -0.69 3.62	30.02 -0.21 0.00	35.39 -0.18 0.00	29.76 -0.18 0.00	24.76 -0.07 0.00	23.72 -0.06 0.00
MAPLEWOD_115KV_TB3 80458	25.04 0.81 0.00	21.08 0.79 0.00	18.13 0.69 0.00	21.35 0.75 0.00	20.25 0.71 0.00	19.73 0.75 0.00	17.10 0.65 0.00	19.62 0.66 0.00	21.24 0.69 0.00	21.17 0.61 0.00	22.34 0.64 0.00	23.74 0.67 0.00	23.51 0.65 0.00	23.87 0.70 0.00	24.86 0.72 0.00	28.32 0.86 0.00	29.52 0.91 0.00	32.37 1.17 0.00	29.87 1.15 0.00	31.41 1.17 0.00	36.87 1.30 0.00	30.98 1.03 0.00	25.68 0.85 0.00	24.60 0.82 0.00
MAPLE_RIDGE_WT_1 323574	23.74 -0.49 0.00	19.76 -0.53 0.00	16.99 -0.45 0.00	20.04 -0.56 0.00	19.11 -0.42 0.00	18.58 -0.40 0.00	16.10 -0.35 0.00	18.62 -0.34 0.00	20.24 -0.30 0.00	20.31 -0.25 0.00	21.44 -0.25 0.00	22.78 -0.28 0.00	22.57 -0.29 0.00	22.80 -0.36 0.00	23.74 -0.40 0.00	26.94 -0.51 0.00	28.15 -0.46 0.00	35.10 -0.56 -4.45	28.64 -0.57 -0.48	29.71 -0.52 0.00	34.94 -0.63 0.00	29.37 -0.57 0.00	24.36 -0.48 0.00	23.30 -0.47 0.00
MAPLE_RIDGE_WT_2 323611	23.74 -0.49 0.00	19.76 -0.53 0.00	16.99 -0.45 0.00	20.04 -0.56 0.00	19.11 -0.42 0.00	18.58 -0.40 0.00	16.10 -0.35 0.00	18.62 -0.34 0.00	20.24 -0.30 0.00	20.31 -0.25 0.00	21.44 -0.25 0.00	22.78 -0.28 0.00	22.57 -0.29 0.00	22.80 -0.36 0.00	23.74 -0.40 0.00	26.94 -0.51 0.00	28.15 -0.46 0.00	35.10 -0.56 -4.45	28.64 -0.57 -0.48	29.71 -0.52 0.00	34.94 -0.63 0.00	29.37 -0.57 0.00	24.36 -0.48 0.00	23.30 -0.47 0.00
MARBLE_RIVER_WT_PWR 323696	23.93 -0.29 0.00	19.94 -0.35 0.00	17.10 -0.33 0.00	20.23 -0.37 0.00	19.19 -0.34 0.00	18.44 -0.54 0.00	15.70 -0.74 0.00	18.16 -0.81 0.00	19.76 -0.79 0.00	19.88 -0.68 0.00	20.95 -0.74 0.00	22.25 -0.82 0.00	22.03 -0.83 0.00	22.12 -1.05 0.00	22.81 -1.33 0.00	25.91 -1.55 0.00	27.60 -1.02 0.00	24.67 -0.87 5.67	27.33 -0.78 0.61	29.91 -0.32 0.00	35.22 -0.35 0.00	29.56 -0.39 0.00	24.72 -0.12 0.00	23.75 -0.03 0.00
MARSHVLE_115KV_TB1 80742	25.33 1.11 0.00	21.08 0.79 0.00	18.09 0.65 0.00	21.42 0.82 0.00	20.31 0.77 0.00	19.74 0.76 0.00	17.10 0.65 0.00	19.52 0.56 0.00	20.99 0.45 0.00	21.07 0.51 0.00	22.24 0.54 0.00	23.59 0.52 0.00	23.43 0.57 0.00	23.57 0.41 0.00	24.76 0.62 0.00	28.30 0.85 0.00	29.61 0.99 0.00	32.25 1.05 0.00	29.96 1.23 0.00	31.72 1.49 0.00	37.40 1.83 0.00	31.57 1.62 0.00	26.17 1.33 0.00	25.01 1.23 0.00
MARSH_HILL_WT_PWR 323713	23.50 -0.73 0.00	19.64 -0.66 0.00	16.96 -0.47 0.00	20.04 -0.55 0.00	19.14 -0.40 0.00	18.75 -0.23 0.00	16.21 -0.23 0.00	18.87 -0.10 0.00	20.38 -0.17 0.00	20.50 -0.06 0.00	21.64 -0.05 0.00	23.05 -0.02 0.00	22.86 0.00 0.00	23.23 0.06 0.00	24.38 0.24 0.00	27.61 0.16 0.00	28.44 -0.17 0.00	30.98 -0.22 0.00	28.44 -0.28 0.00	29.99 -0.24 0.00	35.11 -0.45 0.00	29.58 -0.36 0.00	24.65 -0.18 0.00	23.61 -0.17 0.00
MCINTYRE_115KV_TB2 80467	24.10 -0.13 0.00	20.11 -0.18 0.00	17.26 -0.18 0.00	20.42 -0.17 0.00	19.39 -0.14 0.00	18.78 -0.20 0.00	16.23 -0.22 0.00	18.64 -0.32 0.00	20.08 -0.46 0.00	20.17 -0.40 0.00	21.29 -0.41 0.00	22.60 -0.46 0.00	22.40 -0.46 0.00	22.62 -0.55 0.00	23.52 -0.62 0.00	26.62 -0.84 0.00	27.88 -0.73 0.00	-72.23 -1.09 102.34	16.70 -0.93 11.09	29.99 -0.24 0.00	35.68 0.11 0.00	30.13 0.18 0.00	24.90 0.06 0.00	23.77 -0.01 0.00
MECO_____69_KV_BK1 80468	26.34 2.11 0.00	21.91 1.61 0.00	18.83 1.40 0.00	22.24 1.64 0.00	21.09 1.55 0.00	20.56 1.58 0.00	17.67 1.23 0.00	19.69 0.73 0.00	20.47 -0.07 0.00	20.29 -0.27 0.00	21.17 -0.52 0.00	22.34 -0.72 0.00	22.50 -0.36 0.00	22.24 -0.93 0.00	23.74 -0.40 0.00	27.36 -0.09 0.00	28.69 0.08 0.00	31.90 0.70 0.00	31.62 2.90 0.00	33.64 3.41 0.00	39.57 4.01 0.00	33.20 3.25 0.00	27.40 2.56 0.00	26.15 2.37 0.00
MENANDS___115KV_TB5 355628	24.89 0.66 0.00	21.00 0.70 0.00	18.06 0.62 0.00	21.26 0.67 0.00	20.17 0.63 0.00	19.65 0.67 0.00	17.02 0.58 0.00	19.52 0.55 0.00	21.13 0.58 0.00	21.06 0.50 0.00	22.23 0.53 0.00	23.63 0.56 0.00	23.39 0.52 0.00	23.73 0.56 0.00	24.72 0.58 0.00	28.15 0.70 0.00	29.34 0.72 0.00	32.16 0.95 0.00	29.65 0.93 0.00	31.17 0.93 0.00	36.58 1.01 0.00	30.74 0.80 0.00	25.50 0.66 0.00	24.43 0.66 0.00
MG INDUSTRY___DRP 24185	24.89 0.66 0.00	20.96 0.67 0.00	18.04 0.61 0.00	21.26 0.66 0.00	20.17 0.63 0.00	19.64 0.66 0.00	17.00 0.56 0.00	19.47 0.50 0.00	21.01 0.47 0.00	20.93 0.36 0.00	22.06 0.36 0.00	23.43 0.36 0.00	23.19 0.32 0.00	23.53 0.36 0.00	24.55 0.41 0.00	27.96 0.51 0.00	29.19 0.57 0.00	31.96 0.76 0.00	29.50 0.78 0.00	31.09 0.86 0.00	36.54 0.98 0.00	30.73 0.79 0.00	25.49 0.65 0.00	24.41 0.64 0.00

MID___OSWEGATCHIE_HYD 23849	23.46 -0.76 0.00	19.46 -0.83 0.00	16.72 -0.71 0.00	19.77 -0.83 0.00	18.81 -0.72 0.00	18.37 -0.61 0.00	15.92 -0.52 0.00	18.42 -0.55 0.00	19.89 -0.66 0.00	19.92 -0.64 0.00	21.00 -0.69 0.00	22.27 -0.79 0.00	22.10 -0.76 0.00	22.33 -0.83 0.00	23.22 -0.93 0.00	26.36 -1.09 0.00	27.59 -1.02 0.00	-32.17 -1.26 62.11	21.00 -1.00 6.73	29.63 -0.60 0.00	34.81 -0.75 0.00	29.23 -0.71 0.00	24.15 -0.68 0.00	23.03 -0.75 0.00
MID___RAQUETTE_HYD 23851	23.41 -0.82 0.00	19.51 -0.78 0.00	16.74 -0.70 0.00	19.81 -0.79 0.00	18.81 -0.72 0.00	18.22 -0.76 0.00	15.75 -0.69 0.00	18.18 -0.79 0.00	19.66 -0.89 0.00	19.76 -0.80 0.00	20.87 -0.83 0.00	22.16 -0.91 0.00	21.96 -0.90 0.00	22.17 -1.00 0.00	23.02 -1.12 0.00	26.07 -1.38 0.00	27.35 -1.27 0.00	-61.91 -1.70 91.41	17.30 -1.52 9.91	29.24 -0.99 0.00	34.56 -1.01 0.00	29.13 -0.82 0.00	24.11 -0.72 0.00	23.03 -0.75 0.00
MILLIKEN___1 23584	24.19 -0.04 0.00	20.24 -0.05 0.00	17.38 -0.06 0.00	20.53 -0.07 0.00	19.48 -0.05 0.00	19.07 0.09 0.00	16.58 0.13 0.00	19.10 0.13 0.00	20.62 0.07 0.00	20.57 0.00 0.00	21.64 -0.06 0.00	22.99 -0.08 0.00	22.81 -0.06 0.00	23.14 -0.02 0.00	24.20 0.06 0.00	27.58 0.13 0.00	28.84 0.23 0.00	29.54 0.11 1.77	28.74 0.21 0.19	30.70 0.47 0.00	36.00 0.43 0.00	30.14 0.19 0.00	24.94 0.10 0.00	23.78 0.00 0.00
MILLIKEN___2 23585	24.19 -0.04 0.00	20.24 -0.05 0.00	17.38 -0.06 0.00	20.53 -0.07 0.00	19.48 -0.05 0.00	19.07 0.09 0.00	16.58 0.13 0.00	19.10 0.13 0.00	20.62 0.07 0.00	20.57 0.00 0.00	21.64 -0.06 0.00	22.99 -0.08 0.00	22.81 -0.06 0.00	23.14 -0.02 0.00	24.20 0.06 0.00	27.58 0.13 0.00	28.84 0.23 0.00	29.54 0.11 1.77	28.74 0.21 0.19	30.70 0.47 0.00	36.00 0.43 0.00	30.14 0.19 0.00	24.94 0.10 0.00	23.78 0.00 0.00
MILLIKEN___DIESEL 23629	24.19 -0.04 0.00	20.24 -0.05 0.00	17.38 -0.06 0.00	20.53 -0.07 0.00	19.48 -0.05 0.00	19.07 0.09 0.00	16.58 0.13 0.00	19.10 0.13 0.00	20.62 0.07 0.00	20.57 0.00 0.00	21.64 -0.06 0.00	22.99 -0.08 0.00	22.81 -0.06 0.00	23.14 -0.02 0.00	24.20 0.06 0.00	27.58 0.13 0.00	28.84 0.23 0.00	29.54 0.11 1.77	28.74 0.21 0.19	30.70 0.47 0.00	36.00 0.43 0.00	30.14 0.19 0.00	24.94 0.10 0.00	23.78 0.00 0.00
MILLSEAT___LFGE 323607	23.47 -0.75 0.00	19.60 -0.69 0.00	16.86 -0.58 0.00	19.77 -0.83 0.00	18.83 -0.71 0.00	18.41 -0.57 0.00	15.90 -0.55 0.00	18.62 -0.35 0.00	20.07 -0.47 0.00	20.18 -0.39 0.00	21.43 -0.26 0.00	22.75 -0.32 0.00	22.63 -0.23 0.00	22.81 -0.36 0.00	23.90 -0.24 0.00	26.90 -0.56 0.00	27.69 -0.92 0.00	28.74 -0.90 1.56	27.63 -0.92 0.17	29.46 -0.76 0.00	34.39 -1.17 0.00	29.03 -0.91 0.00	24.33 -0.51 0.00	23.29 -0.48 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.61 1.38 0.00	21.43 1.14 0.00	18.35 0.91 0.00	21.54 0.94 0.00	20.40 0.86 0.00	19.94 0.96 0.00	17.32 0.88 0.00	19.96 1.00 0.00	21.70 1.15 0.00	21.74 1.18 0.00	23.07 1.38 0.00	24.61 1.54 0.00	24.38 1.52 0.00	24.77 1.60 0.00	25.79 1.65 0.00	29.47 2.02 0.00	30.66 2.04 0.00	33.34 2.14 0.00	30.64 1.91 0.00	31.96 1.73 0.00	37.49 1.93 0.00	31.58 1.64 0.00	26.21 1.37 0.00	25.11 1.34 0.00
MILLWOOD_13_KV_LOAD 356217	25.68 1.45 0.00	21.49 1.19 0.00	18.40 0.96 0.00	21.59 1.00 0.00	20.44 0.91 0.00	19.99 1.00 0.00	17.37 0.93 0.00	20.02 1.06 0.00	21.76 1.22 0.00	21.80 1.24 0.00	23.14 1.45 0.00	24.69 1.62 0.00	24.46 1.60 0.00	24.85 1.69 0.00	25.88 1.74 0.00	29.58 2.13 0.00	30.78 2.17 0.00	33.48 2.28 0.00	30.76 2.03 0.00	32.07 1.84 0.00	37.63 2.07 0.00	31.69 1.75 0.00	26.29 1.46 0.00	25.19 1.41 0.00
MODEL_CITY_ENERGY 24167	22.73 -1.49 0.00	19.01 -1.28 0.00	16.37 -1.07 0.00	19.19 -1.40 0.00	18.28 -1.25 0.00	17.86 -1.12 0.00	15.41 -1.03 0.00	18.06 -0.91 0.00	19.47 -1.07 0.00	19.61 -0.95 0.00	20.83 -0.87 0.00	22.08 -0.99 0.00	21.89 -0.97 0.00	22.10 -1.07 0.00	23.14 -1.01 0.00	26.05 -1.40 0.00	26.78 -1.83 0.00	27.73 -1.93 1.54	26.60 -1.96 0.17	28.29 -1.93 0.00	32.99 -2.57 0.00	27.94 -2.00 0.00	23.53 -1.31 0.00	22.59 -1.18 0.00
MODERN_LFGE___ 323580	22.73 -1.49 0.00	19.01 -1.28 0.00	16.37 -1.07 0.00	19.19 -1.40 0.00	18.28 -1.25 0.00	17.86 -1.12 0.00	15.41 -1.03 0.00	18.06 -0.91 0.00	19.47 -1.07 0.00	19.61 -0.95 0.00	20.83 -0.87 0.00	22.08 -0.99 0.00	21.89 -0.97 0.00	22.10 -1.07 0.00	23.14 -1.01 0.00	26.05 -1.40 0.00	26.78 -1.83 0.00	27.73 -1.93 1.54	26.60 -1.96 0.17	28.29 -1.93 0.00	32.99 -2.57 0.00	27.94 -2.00 0.00	23.53 -1.31 0.00	22.59 -1.18 0.00
MOHAWK_PAPER___DRP 24187	25.04 0.81 0.00	21.08 0.79 0.00	18.13 0.69 0.00	21.35 0.75 0.00	20.25 0.71 0.00	19.73 0.75 0.00	17.10 0.65 0.00	19.62 0.66 0.00	21.24 0.69 0.00	21.17 0.61 0.00	22.34 0.64 0.00	23.74 0.67 0.00	23.51 0.65 0.00	23.87 0.70 0.00	24.86 0.72 0.00	28.32 0.86 0.00	29.52 0.91 0.00	32.37 1.17 0.00	29.87 1.15 0.00	31.41 1.17 0.00	36.87 1.30 0.00	30.98 1.03 0.00	25.68 0.85 0.00	24.60 0.82 0.00
MOHICAN___35_KV_115KV_LD 80490	25.78 1.56 0.00	21.46 1.17 0.00	18.45 1.01 0.00	21.76 1.17 0.00	20.66 1.12 0.00	20.15 1.17 0.00	17.59 1.15 0.00	20.26 1.29 0.00	21.84 1.30 0.00	21.63 1.07 0.00	22.63 0.93 0.00	24.02 0.95 0.00	23.81 0.95 0.00	24.13 0.96 0.00	25.22 1.08 0.00	28.92 1.46 0.00	30.10 1.49 0.00	33.33 2.13 0.00	30.99 2.26 0.00	32.48 2.25 0.00	38.29 2.72 0.00	32.12 2.17 0.00	26.67 1.83 0.00	25.45 1.67 0.00
MONGAUP___HYD 23641	25.49 1.27 0.00	21.31 1.02 0.00	18.25 0.81 0.00	21.45 0.86 0.00	20.33 0.79 0.00	19.92 0.94 0.00	17.26 0.82 0.00	19.87 0.90 0.00	21.53 0.98 0.00	21.44 0.88 0.00	22.63 0.93 0.00	24.08 1.01 0.00	23.90 1.04 0.00	24.26 1.09 0.00	25.40 1.26 0.00	29.06 1.61 0.00	30.27 1.66 0.00	33.19 1.99 0.00	30.61 1.88 0.00	32.01 1.78 0.00	37.59 2.03 0.00	31.64 1.70 0.00	26.20 1.37 0.00	25.07 1.29 0.00
MONTAUK___DIESEL 23721	27.26 1.70 -1.34	43.70 1.48 -21.92	18.47 1.04 0.00	21.59 0.99 0.00	20.31 0.77 0.00	19.92 0.94 0.00	17.41 0.97 0.00	20.32 1.36 0.00	22.34 1.80 0.00	22.56 1.99 0.00	28.16 2.68 -3.79	31.21 3.28 -4.85	33.05 3.37 -6.82	31.07 3.49 -4.41	27.27 3.13 0.00	31.25 3.79 0.00	32.65 4.04 0.00	35.11 3.91 0.00	32.38 3.66 0.00	33.99 3.77 0.00	39.67 4.10 0.00	33.33 3.38 0.00	27.71 2.87 0.00	26.70 2.92 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.87 -0.35 0.00	19.87 -0.42 0.00	17.15 -0.29 0.00	20.15 -0.45 0.00	19.24 -0.30 0.00	18.89 -0.10 0.00	16.34 -0.10 0.00	19.41 0.44 0.00	20.82 0.27 0.00	20.90 0.34 0.00	22.03 0.33 0.00	23.40 0.33 0.00	23.18 0.32 0.00	23.55 0.38 0.00	24.72 0.58 0.00	27.92 0.47 0.00	28.54 -0.07 0.00	30.99 -0.21 0.00	28.33 -0.39 0.00	29.85 -0.38 0.00	35.01 -0.56 0.00	29.54 -0.41 0.00	24.66 -0.18 0.00	23.58 -0.20 0.00

MORTIMER_115KV_TB3 55949	23.50 -0.73 0.00	19.65 -0.64 0.00	16.89 -0.55 0.00	19.85 -0.74 0.00	18.88 -0.66 0.00	18.43 -0.55 0.00	15.94 -0.51 0.00	18.54 -0.42 0.00	20.04 -0.51 0.00	20.14 -0.43 0.00	21.34 -0.36 0.00	22.67 -0.40 0.00	22.45 -0.42 0.00	22.77 -0.40 0.00	23.80 -0.34 0.00	26.95 -0.50 0.00	27.91 -0.70 0.00	28.88 -0.70 1.62	27.82 -0.73 0.17	29.58 -0.65 0.00	34.55 -1.02 0.00	29.09 -0.86 0.00	24.25 -0.58 0.00	23.19 -0.59 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.82 1.60 0.00	21.62 1.32 0.00	18.51 1.07 0.00	21.70 1.11 0.00	20.55 1.01 0.00	20.10 1.12 0.00	17.46 1.02 0.00	20.11 1.15 0.00	21.88 1.34 0.00	21.93 1.37 0.00	23.29 1.60 0.00	24.85 1.79 0.00	24.61 1.75 0.00	25.02 1.85 0.00	26.06 1.91 0.00	29.77 2.32 0.00	30.94 2.32 0.00	33.60 2.40 0.00	30.85 2.12 0.00	32.15 1.92 0.00	37.77 2.20 0.00	31.85 1.90 0.00	26.41 1.58 0.00	25.31 1.53 0.00
MUNSVILLE_WIND_PWR 323609	25.31 1.09 0.00	21.24 0.95 0.00	18.21 0.77 0.00	21.71 1.12 0.00	20.53 0.99 0.00	19.99 1.01 0.00	17.35 0.91 0.00	19.95 0.99 0.00	21.63 1.08 0.00	21.70 1.14 0.00	22.71 1.02 0.00	24.22 1.16 0.00	24.01 1.15 0.00	24.38 1.21 0.00	25.65 1.51 0.00	29.21 1.75 0.00	30.49 1.88 0.00	33.34 2.14 0.00	31.06 2.33 0.00	33.00 2.76 0.00	38.38 2.81 0.00	31.93 1.99 0.00	26.38 1.54 0.00	25.13 1.35 0.00
N SALMON___HYD 24042	23.95 -0.28 0.00	19.95 -0.34 0.00	17.11 -0.32 0.00	20.23 -0.36 0.00	19.20 -0.34 0.00	18.52 -0.46 0.00	15.88 -0.57 0.00	18.37 -0.60 0.00	19.95 -0.60 0.00	20.08 -0.48 0.00	21.18 -0.51 0.00	22.49 -0.58 0.00	22.28 -0.58 0.00	22.41 -0.76 0.00	23.18 -0.96 0.00	26.26 -1.19 0.00	27.81 -0.80 0.00	-3.03 -0.82 33.41	24.41 -0.69 3.62	30.02 -0.21 0.00	35.39 -0.18 0.00	29.76 -0.18 0.00	24.76 -0.07 0.00	23.72 -0.06 0.00
N.AKRON__115KV_KNAPP 355671	23.37 -0.85 0.00	19.52 -0.77 0.00	16.80 -0.63 0.00	19.69 -0.90 0.00	18.76 -0.78 0.00	18.34 -0.64 0.00	15.83 -0.61 0.00	18.53 -0.43 0.00	20.01 -0.53 0.00	20.13 -0.44 0.00	21.39 -0.31 0.00	22.68 -0.39 0.00	22.75 -0.12 0.00	22.75 -0.42 0.00	23.91 -0.24 0.00	26.87 -0.58 0.00	27.61 -1.01 0.00	28.63 -1.02 1.56	27.49 -1.06 0.17	29.30 -0.93 0.00	34.19 -1.38 0.00	28.87 -1.07 0.00	24.22 -0.62 0.00	23.20 -0.58 0.00
N.BELMOR_69_KV_BK1 55787	27.44 1.88 -1.34	43.82 1.60 -21.92	18.69 1.25 0.00	21.88 1.28 0.00	20.61 1.08 0.00	20.16 1.17 0.00	17.53 1.09 0.00	20.23 1.27 0.00	21.97 1.43 0.00	22.01 1.45 0.00	27.39 1.90 -3.79	30.08 2.16 -4.85	31.81 2.14 -6.82	29.79 2.21 -4.41	26.16 2.01 0.00	29.94 2.48 0.00	31.21 2.59 0.00	33.96 2.76 0.00	31.18 2.46 0.00	32.42 2.19 0.00	37.98 2.41 0.00	32.01 2.07 0.00	26.70 1.86 0.00	25.63 1.85 0.00
N.E_GEN_SANDY PD 24062	25.95 1.05 -0.67	27.36 0.90 -6.17	21.67 0.79 -3.45	22.73 0.86 -1.27	20.52 0.81 -0.17	20.28 0.86 -0.44	19.03 0.77 -1.81	20.77 0.82 -0.99	21.44 0.89 0.00	21.17 0.81 0.20	22.57 0.87 0.00	24.00 0.93 0.00	23.78 0.92 0.00	24.12 0.95 0.00	25.09 0.94 0.00	28.60 1.15 0.00	29.20 1.17 0.58	32.86 1.45 -0.20	30.13 1.40 0.00	35.25 1.37 -3.65	37.55 1.52 -0.47	31.18 1.24 0.00	25.88 1.04 0.00	24.83 1.05 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.54 1.31 0.00	21.36 1.07 0.00	18.28 0.85 0.00	21.47 0.88 0.00	20.33 0.79 0.00	19.87 0.89 0.00	17.27 0.83 0.00	19.92 0.95 0.00	21.64 1.10 0.00	21.71 1.14 0.00	23.03 1.33 0.00	24.57 1.50 0.00	24.35 1.49 0.00	24.74 1.57 0.00	25.77 1.63 0.00	29.44 1.99 0.00	30.62 2.01 0.00	33.29 2.10 0.00	30.58 1.85 0.00	31.89 1.66 0.00	37.40 1.84 0.00	31.49 1.55 0.00	26.13 1.30 0.00	25.05 1.28 0.00
N.QUEENS_27_KV_LOAD 356247	25.97 1.74 0.00	21.75 1.46 0.00	18.60 1.17 0.00	21.79 1.20 0.00	20.66 1.13 0.00	20.21 1.23 0.00	17.55 1.11 0.00	20.17 1.20 0.00	21.99 1.45 0.00	22.05 1.48 0.00	23.45 1.75 0.00	25.00 1.93 0.00	24.78 1.92 0.00	25.17 2.00 0.00	26.21 2.07 0.00	29.96 2.51 0.00	31.11 2.50 0.00	33.80 2.60 0.00	31.04 2.31 0.00	32.35 2.12 0.00	37.93 2.37 0.00	32.04 2.10 0.00	26.56 1.72 0.00	25.44 1.66 0.00
N.TROY___115KV_TB1 355778	25.19 0.97 0.00	21.14 0.84 0.00	18.19 0.75 0.00	21.44 0.84 0.00	20.34 0.80 0.00	19.81 0.83 0.00	17.18 0.74 0.00	19.76 0.80 0.00	21.36 0.82 0.00	21.25 0.69 0.00	22.39 0.69 0.00	23.78 0.71 0.00	23.56 0.70 0.00	23.90 0.73 0.00	24.90 0.76 0.00	28.36 0.90 0.00	29.55 0.93 0.00	32.48 1.28 0.00	30.02 1.30 0.00	31.59 1.36 0.00	37.10 1.54 0.00	31.18 1.24 0.00	25.87 1.03 0.00	24.80 1.02 0.00
NARROWS_GT1_1 24228	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT1_2 24229	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT1_3 24230	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT1_4 24231	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT1_5 24232	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60

NARROWS_GT1_6 24233	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT1_7 24234	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT1_8 24235	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT2_1 24236	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT2_2 24237	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT2_3 24238	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT2_4 24239	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT2_5 24240	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT2_6 24241	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT2_7 24242	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NARROWS_GT2_8 24243	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.53 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.12 0.00	38.02 2.46 0.00	39.65 2.11 -7.60	26.59 1.74 -0.02	40.07 1.68 -14.60
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.41 1.18 0.00	21.43 1.14 0.00	18.45 1.01 0.00	21.73 1.14 0.00	20.62 1.09 0.00	20.09 1.11 0.00	17.40 0.96 0.00	19.93 0.96 0.00	21.45 0.91 0.00	21.25 0.69 0.00	22.33 0.63 0.00	23.70 0.63 0.00	23.49 0.63 0.00	23.86 0.69 0.00	24.93 0.79 0.00	28.47 1.02 0.00	29.76 1.15 0.00	32.84 1.64 0.00	30.38 1.66 0.00	32.14 1.91 0.00	37.75 2.19 0.00	31.68 1.74 0.00	26.21 1.37 0.00	25.03 1.25 0.00
NCHELSEA_115KV_TR2 355582	25.75 1.52 0.00	21.52 1.23 0.00	18.43 1.00 0.00	21.65 1.06 0.00	20.51 0.98 0.00	20.04 1.06 0.00	17.42 0.98 0.00	20.08 1.12 0.00	21.82 1.27 0.00	21.84 1.28 0.00	23.16 1.47 0.00	24.70 1.63 0.00	24.49 1.63 0.00	24.90 1.73 0.00	25.95 1.80 0.00	29.67 2.22 0.00	30.91 2.30 0.00	33.68 2.48 0.00	30.99 2.27 0.00	32.34 2.11 0.00	37.91 2.35 0.00	31.88 1.93 0.00	26.42 1.58 0.00	25.28 1.50 0.00
NEG CAPITAL___MECHNVIL 23645	25.61 1.38 0.00	21.42 1.13 0.00	18.42 0.98 0.00	21.71 1.12 0.00	20.60 1.06 0.00	20.08 1.10 0.00	17.45 1.01 0.00	20.08 1.12 0.00	21.69 1.14 0.00	21.57 1.00 0.00	22.69 0.99 0.00	24.10 1.03 0.00	23.91 1.05 0.00	24.26 1.09 0.00	25.32 1.18 0.00	28.90 1.44 0.00	30.15 1.54 0.00	33.21 2.01 0.00	30.75 2.02 0.00	32.32 2.09 0.00	37.97 2.40 0.00	31.87 1.92 0.00	26.41 1.58 0.00	25.26 1.48 0.00
NEG CENTRAL_HIGH_ACRES 23767	23.16 -1.07 0.00	19.38 -0.92 0.00	16.64 -0.79 0.00	19.58 -1.01 0.00	18.62 -0.92 0.00	18.19 -0.80 0.00	15.74 -0.70 0.00	18.31 -0.66 0.00	19.78 -0.77 0.00	19.85 -0.71 0.00	21.00 -0.69 0.00	22.32 -0.74 0.00	22.11 -0.75 0.00	22.44 -0.72 0.00	23.44 -0.70 0.00	26.58 -0.87 0.00	27.62 -1.00 0.00	28.45 -1.05 1.70	27.52 -1.02 0.18	29.28 -0.95 0.00	34.16 -1.40 0.00	28.71 -1.23 0.00	23.89 -0.94 0.00	22.83 -0.95 0.00

NEG CENTRAL___DRP 24199	23.74 -0.49 0.00	19.85 -0.44 0.00	17.06 -0.37 0.00	20.12 -0.48 0.00	19.13 -0.41 0.00	18.79 -0.19 0.00	16.35 -0.09 0.00	18.77 -0.20 0.00	20.27 -0.28 0.00	20.27 -0.29 0.00	21.36 -0.33 0.00	22.71 -0.36 0.00	22.52 -0.34 0.00	22.87 -0.30 0.00	23.92 -0.22 0.00	27.21 -0.24 0.00	28.58 -0.03 0.00	28.91 -0.32 1.97	28.27 -0.24 0.21	30.40 0.17 0.00	35.54 -0.02 0.00	29.55 -0.39 0.00	24.51 -0.33 0.00	23.38 -0.40 0.00
NEG CENTRAL___INDECK 23768	24.20 -0.03 0.00	20.19 -0.11 0.00	17.37 -0.06 0.00	20.43 -0.16 0.00	19.47 -0.07 0.00	19.05 0.07 0.00	16.49 0.05 0.00	19.20 0.23 0.00	20.50 -0.04 0.00	20.59 0.03 0.00	21.79 0.09 0.00	23.15 0.08 0.00	22.93 0.07 0.00	23.31 0.14 0.00	24.40 0.25 0.00	27.69 0.23 0.00	28.56 -0.06 0.00	31.25 0.05 0.00	28.66 -0.06 0.00	30.46 0.23 0.00	35.89 0.33 0.00	30.30 0.35 0.00	25.21 0.37 0.00	24.05 0.27 0.00
NEG CENTRAL___SENECA 23627	23.76 -0.46 0.00	19.85 -0.44 0.00	17.08 -0.36 0.00	20.13 -0.46 0.00	19.16 -0.37 0.00	18.79 -0.19 0.00	16.30 -0.14 0.00	18.87 -0.09 0.00	20.37 -0.17 0.00	20.41 -0.15 0.00	21.52 -0.18 0.00	22.88 -0.19 0.00	22.68 -0.18 0.00	23.06 -0.11 0.00	24.15 0.01 0.00	27.37 -0.08 0.00	28.54 -0.07 0.00	29.27 -0.17 1.75	28.43 -0.10 0.19	30.35 0.12 0.00	35.47 -0.09 0.00	29.67 -0.27 0.00	24.64 -0.20 0.00	23.50 -0.28 0.00
NEG CENTRAL___STATE_STREET 24147	23.93 -0.30 0.00	20.04 -0.25 0.00	17.20 -0.24 0.00	20.30 -0.29 0.00	19.24 -0.30 0.00	18.91 -0.07 0.00	16.48 0.04 0.00	18.83 -0.13 0.00	20.34 -0.21 0.00	20.24 -0.32 0.00	21.36 -0.34 0.00	22.70 -0.37 0.00	22.51 -0.35 0.00	22.82 -0.35 0.00	23.78 -0.36 0.00	27.23 -0.23 0.00	28.72 0.11 0.00	28.87 -0.23 2.10	28.36 -0.14 0.23	30.59 0.36 0.00	35.77 0.21 0.00	29.66 -0.28 0.00	24.57 -0.26 0.00	23.41 -0.36 0.00
NEG MILLWOOD___DRP 24198	25.83 1.60 0.00	21.60 1.30 0.00	18.49 1.06 0.00	21.71 1.11 0.00	20.56 1.03 0.00	20.10 1.12 0.00	17.47 1.03 0.00	20.16 1.19 0.00	21.90 1.36 0.00	21.92 1.36 0.00	23.27 1.58 0.00	24.82 1.75 0.00	24.61 1.75 0.00	25.04 1.87 0.00	26.09 1.94 0.00	29.84 2.39 0.00	31.06 2.45 0.00	33.84 2.64 0.00	31.12 2.39 0.00	32.45 2.22 0.00	38.02 2.46 0.00	31.99 2.04 0.00	26.51 1.67 0.00	25.36 1.58 0.00
NEG NORTH_FLCN_SEA 23793	24.32 0.09 0.00	20.27 -0.02 0.00	17.38 -0.06 0.00	20.52 -0.08 0.00	19.43 -0.11 0.00	18.49 -0.49 0.00	15.50 -0.94 0.00	17.87 -1.10 0.00	19.44 -1.10 0.00	19.54 -1.02 0.00	20.58 -1.12 0.00	21.84 -1.23 0.00	21.63 -1.23 0.00	21.69 -1.48 0.00	22.31 -1.83 0.00	25.46 -2.00 0.00	27.61 -1.00 0.00	23.12 -0.59 7.49	27.36 -0.55 0.81	30.24 0.01 0.00	35.63 0.06 0.00	29.83 -0.12 0.00	25.18 0.34 0.00	24.24 0.46 0.00
NEG NORTH_KES_CHATEGAY 23792	23.90 -0.32 0.00	19.92 -0.37 0.00	17.09 -0.35 0.00	20.20 -0.39 0.00	19.18 -0.36 0.00	18.46 -0.52 0.00	15.78 -0.66 0.00	18.25 -0.71 0.00	19.83 -0.71 0.00	19.95 -0.62 0.00	21.03 -0.67 0.00	22.36 -0.71 0.00	22.14 -0.72 0.00	22.22 -0.95 0.00	22.95 -1.19 0.00	26.05 -1.41 0.00	27.66 -0.96 0.00	16.47 -0.91 13.82	26.41 -0.82 1.50	29.86 -0.37 0.00	35.18 -0.38 0.00	29.57 -0.37 0.00	24.68 -0.16 0.00	23.67 -0.10 0.00
NEG NORTH___ALICE_FALLS 23915	24.38 0.15 0.00	20.33 0.04 0.00	17.42 -0.01 0.00	20.58 -0.01 0.00	19.49 -0.05 0.00	18.64 -0.35 0.00	15.64 -0.80 0.00	18.02 -0.95 0.00	19.60 -0.94 0.00	19.69 -0.87 0.00	20.75 -0.94 0.00	22.02 -1.05 0.00	21.81 -1.05 0.00	21.88 -1.29 0.00	22.50 -1.64 0.00	25.65 -1.81 0.00	27.63 -0.98 0.00	22.17 -0.53 8.50	27.38 -0.42 0.92	30.36 0.13 0.00	35.77 0.21 0.00	29.94 -0.01 0.00	25.20 0.36 0.00	24.31 0.53 0.00
NEG NORTH___LWR_SARANAC 23913	24.38 0.15 0.00	20.33 0.04 0.00	17.42 -0.01 0.00	20.58 -0.01 0.00	19.49 -0.05 0.00	18.64 -0.35 0.00	15.64 -0.80 0.00	18.02 -0.95 0.00	19.60 -0.94 0.00	19.69 -0.87 0.00	20.75 -0.94 0.00	22.02 -1.05 0.00	21.81 -1.05 0.00	21.88 -1.29 0.00	22.50 -1.64 0.00	25.65 -1.81 0.00	27.63 -0.98 0.00	22.17 -0.53 8.50	27.38 -0.42 0.92	30.36 0.13 0.00	35.77 0.21 0.00	29.94 -0.01 0.00	25.20 0.36 0.00	24.31 0.53 0.00
NEG NORTH___PLATTSBURG 23628	24.38 0.15 0.00	20.33 0.04 0.00	17.42 -0.01 0.00	20.58 -0.01 0.00	19.49 -0.05 0.00	18.64 -0.35 0.00	15.64 -0.80 0.00	18.02 -0.95 0.00	19.60 -0.94 0.00	19.69 -0.87 0.00	20.75 -0.94 0.00	22.02 -1.05 0.00	21.81 -1.05 0.00	21.88 -1.29 0.00	22.50 -1.64 0.00	25.65 -1.81 0.00	27.63 -0.98 0.00	22.17 -0.53 8.50	27.38 -0.42 0.92	30.36 0.13 0.00	35.77 0.21 0.00	29.94 -0.01 0.00	25.20 0.36 0.00	24.31 0.53 0.00
NEG WEST_LEA_LOCKPORT 23791	22.96 -1.27 0.00	19.19 -1.10 0.00	16.52 -0.91 0.00	19.38 -1.22 0.00	18.46 -1.08 0.00	18.04 -0.95 0.00	15.56 -0.88 0.00	18.22 -0.75 0.00	19.68 -0.87 0.00	19.82 -0.75 0.00	21.05 -0.65 0.00	22.30 -0.77 0.00	22.09 -0.77 0.00	22.31 -0.86 0.00	23.37 -0.78 0.00	26.31 -1.14 0.00	27.04 -1.57 0.00	28.01 -1.64 1.55	26.85 -1.70 0.17	28.57 -1.66 0.00	33.34 -2.23 0.00	28.20 -1.74 0.00	23.73 -1.11 0.00	22.77 -1.00 0.00
NEG WEST___LANCASTR 23811	23.16 -1.06 0.00	19.35 -0.94 0.00	16.66 -0.77 0.00	19.59 -1.00 0.00	18.67 -0.86 0.00	18.27 -0.71 0.00	15.77 -0.68 0.00	18.44 -0.53 0.00	19.93 -0.61 0.00	20.10 -0.46 0.00	21.31 -0.39 0.00	22.63 -0.44 0.00	22.42 -0.44 0.00	22.73 -0.44 0.00	23.85 -0.29 0.00	26.91 -0.55 0.00	27.66 -0.96 0.00	30.15 -1.05 0.00	27.60 -1.13 0.00	29.09 -1.14 0.00	33.96 -1.60 0.00	28.70 -1.25 0.00	24.01 -0.83 0.00	23.00 -0.78 0.00
NEG_PENN_ALLEGHNY 23528	23.98 -0.25 0.00	20.05 -0.25 0.00	17.24 -0.20 0.00	20.35 -0.25 0.00	19.35 -0.19 0.00	18.91 -0.08 0.00	16.38 -0.07 0.00	18.99 0.03 0.00	20.56 0.01 0.00	20.60 0.04 0.00	21.73 0.03 0.00	23.13 0.06 0.00	22.93 0.07 0.00	23.28 0.12 0.00	24.38 0.24 0.00	27.70 0.25 0.00	28.74 0.13 0.00	31.26 0.06 0.00	28.78 0.05 0.00	30.20 -0.03 0.00	35.42 -0.15 0.00	29.84 -0.10 0.00	24.72 -0.11 0.00	23.63 -0.15 0.00
NEG___GEN_MONROE 24207	23.65 -0.57 0.00	19.77 -0.52 0.00	16.99 -0.45 0.00	19.96 -0.64 0.00	18.99 -0.54 0.00	18.56 -0.42 0.00	16.04 -0.40 0.00	18.67 -0.29 0.00	20.17 -0.38 0.00	20.25 -0.31 0.00	21.46 -0.23 0.00	22.79 -0.27 0.00	22.59 -0.27 0.00	22.90 -0.27 0.00	23.95 -0.19 0.00	27.11 -0.35 0.00	28.03 -0.58 0.00	29.04 -0.55 1.62	27.97 -0.58 0.17	29.79 -0.44 0.00	34.79 -0.77 0.00	29.30 -0.64 0.00	24.44 -0.40 0.00	23.37 -0.41 0.00
NEPA___ENERGY 23901	23.25 -0.98 0.00	19.36 -0.93 0.00	16.71 -0.73 0.00	19.69 -0.91 0.00	18.79 -0.74 0.00	18.44 -0.54 0.00	15.91 -0.53 0.00	18.72 -0.24 0.00	20.24 -0.30 0.00	20.38 -0.18 0.00	21.56 -0.14 0.00	22.93 -0.14 0.00	22.71 -0.16 0.00	23.07 -0.09 0.00	24.27 0.13 0.00	27.43 -0.03 0.00	28.08 -0.54 0.00	30.47 -0.73 0.00	27.88 -0.85 0.00	29.28 -0.95 0.00	34.32 -1.25 0.00	28.95 -0.99 0.00	24.13 -0.70 0.00	23.11 -0.67 0.00

NEVERSINK___HYD 23608	25.03 0.81 0.00	20.90 0.61 0.00	17.89 0.46 0.00	21.03 0.44 0.00	19.93 0.39 0.00	19.46 0.47 0.00	16.91 0.47 0.00	19.51 0.54 0.00	21.19 0.64 0.00	21.23 0.66 0.00	22.48 0.79 0.00	23.96 0.89 0.00	23.78 0.92 0.00	24.22 1.06 0.00	25.24 1.10 0.00	28.89 1.43 0.00	30.12 1.51 0.00	32.89 1.69 0.00	30.33 1.60 0.00	31.74 1.51 0.00	37.16 1.59 0.00	31.12 1.18 0.00	25.75 0.91 0.00	24.62 0.84 0.00
NEWKRMKL_115KV_TB1 55635	24.78 0.55 0.00	20.94 0.65 0.00	18.01 0.57 0.00	21.20 0.61 0.00	20.11 0.57 0.00	19.59 0.61 0.00	16.97 0.53 0.00	19.43 0.47 0.00	21.04 0.49 0.00	20.99 0.42 0.00	22.16 0.46 0.00	23.55 0.48 0.00	23.30 0.44 0.00	23.64 0.47 0.00	24.63 0.49 0.00	28.06 0.61 0.00	29.25 0.64 0.00	32.04 0.84 0.00	29.55 0.82 0.00	31.04 0.81 0.00	36.44 0.87 0.00	30.62 0.67 0.00	25.39 0.55 0.00	24.32 0.54 0.00
NEWTON___FALLS_HYD 23847	23.46 -0.76 0.00	19.46 -0.83 0.00	16.72 -0.71 0.00	19.77 -0.83 0.00	18.81 -0.72 0.00	18.37 -0.61 0.00	15.92 -0.52 0.00	18.42 -0.55 0.00	19.89 -0.66 0.00	19.92 -0.64 0.00	21.00 -0.69 0.00	22.27 -0.79 0.00	22.10 -0.76 0.00	22.33 -0.83 0.00	23.22 -0.93 0.00	26.36 -1.09 0.00	27.59 -1.02 0.00	-32.17 -1.26 62.11	21.00 -1.00 6.73	29.63 -0.60 0.00	34.81 -0.75 0.00	29.23 -0.71 0.00	24.15 -0.68 0.00	23.03 -0.75 0.00
NGRID_A1_DSASP 323792	22.67 -1.56 0.00	18.96 -1.33 0.00	16.32 -1.11 0.00	19.14 -1.46 0.00	18.23 -1.30 0.00	17.79 -1.19 0.00	15.35 -1.09 0.00	17.99 -0.98 0.00	19.41 -1.14 0.00	19.54 -1.02 0.00	20.74 -0.96 0.00	21.79 -1.28 0.00	21.58 -1.28 0.00	21.81 -1.36 0.00	22.81 -1.33 0.00	25.70 -1.75 0.00	26.51 -2.11 0.00	28.97 -2.23 0.00	26.32 -2.41 0.00	27.81 -2.42 0.00	32.42 -3.14 0.00	27.47 -2.47 0.00	23.28 -1.56 0.00	22.48 -1.30 0.00
NGRID_A2_DSASP 323793	22.67 -1.56 0.00	18.96 -1.33 0.00	16.32 -1.11 0.00	19.14 -1.46 0.00	18.23 -1.30 0.00	17.79 -1.19 0.00	15.35 -1.09 0.00	17.99 -0.98 0.00	19.41 -1.14 0.00	19.54 -1.02 0.00	20.74 -0.96 0.00	21.79 -1.28 0.00	21.58 -1.28 0.00	21.81 -1.36 0.00	22.81 -1.33 0.00	25.70 -1.75 0.00	26.51 -2.11 0.00	28.97 -2.23 0.00	26.32 -2.41 0.00	27.81 -2.42 0.00	32.42 -3.14 0.00	27.47 -2.47 0.00	23.28 -1.56 0.00	22.48 -1.30 0.00
NGRID_A4_DSASP 323807	22.67 -1.56 0.00	18.96 -1.33 0.00	16.32 -1.11 0.00	19.14 -1.46 0.00	18.23 -1.30 0.00	17.79 -1.19 0.00	15.35 -1.09 0.00	17.99 -0.98 0.00	19.41 -1.14 0.00	19.54 -1.02 0.00	20.74 -0.96 0.00	21.79 -1.28 0.00	21.58 -1.28 0.00	21.81 -1.36 0.00	22.81 -1.33 0.00	25.70 -1.75 0.00	26.51 -2.11 0.00	28.97 -2.23 0.00	26.32 -2.41 0.00	27.81 -2.42 0.00	32.42 -3.14 0.00	27.47 -2.47 0.00	23.28 -1.56 0.00	22.48 -1.30 0.00
NIAGARA_115E_LBMP 323715	22.60 -1.63 0.00	18.90 -1.39 0.00	16.28 -1.16 0.00	19.08 -1.52 0.00	18.18 -1.36 0.00	17.76 -1.23 0.00	15.32 -1.13 0.00	17.94 -1.02 0.00	19.35 -1.19 0.00	19.49 -1.08 0.00	20.70 -1.00 0.00	21.96 -1.11 0.00	21.75 -1.11 0.00	21.96 -1.20 0.00	22.99 -1.15 0.00	25.88 -1.57 0.00	26.61 -2.01 0.00	29.08 -2.12 0.00	26.59 -2.14 0.00	28.11 -2.12 0.00	32.77 -2.80 0.00	27.75 -2.19 0.00	23.39 -1.44 0.00	22.47 -1.31 0.00
NIAGARA_115W_LBMP 323714	22.62 -1.61 0.00	18.93 -1.36 0.00	16.30 -1.14 0.00	19.11 -1.49 0.00	18.20 -1.34 0.00	17.76 -1.22 0.00	15.32 -1.13 0.00	17.95 -1.01 0.00	19.37 -1.18 0.00	19.50 -1.06 0.00	20.70 -1.00 0.00	21.75 -1.32 0.00	21.54 -1.32 0.00	21.77 -1.40 0.00	22.77 -1.38 0.00	25.65 -1.81 0.00	26.44 -2.17 0.00	28.90 -2.30 0.00	26.24 -2.48 0.00	27.73 -2.50 0.00	32.33 -3.24 0.00	27.39 -2.56 0.00	23.23 -1.61 0.00	22.44 -1.33 0.00
NIAGARA_230_LBMP 323716	22.67 -1.56 0.00	18.97 -1.33 0.00	16.33 -1.11 0.00	19.16 -1.44 0.00	18.24 -1.30 0.00	17.81 -1.17 0.00	15.36 -1.08 0.00	18.00 -0.97 0.00	19.41 -1.13 0.00	19.56 -1.01 0.00	20.77 -0.93 0.00	22.01 -1.06 0.00	21.79 -1.07 0.00	22.02 -1.15 0.00	23.05 -1.10 0.00	25.97 -1.48 0.00	26.70 -1.91 0.00	29.18 -2.02 0.00	26.65 -2.08 0.00	28.15 -2.08 0.00	32.84 -2.73 0.00	27.81 -2.13 0.00	23.43 -1.41 0.00	22.52 -1.26 0.00
NIAGARA___115KV_198_GIBSON 55903	22.62 -1.61 0.00	18.94 -1.36 0.00	16.30 -1.14 0.00	19.11 -1.49 0.00	18.20 -1.34 0.00	17.76 -1.22 0.00	15.32 -1.12 0.00	17.93 -1.04 0.00	19.37 -1.18 0.00	19.50 -1.06 0.00	20.70 -1.00 0.00	21.74 -1.32 0.00	21.53 -1.33 0.00	21.76 -1.41 0.00	22.77 -1.38 0.00	25.65 -1.81 0.00	26.44 -2.17 0.00	28.90 -2.30 0.00	26.24 -2.49 0.00	27.73 -2.50 0.00	32.35 -3.21 0.00	27.39 -2.56 0.00	23.23 -1.61 0.00	22.45 -1.33 0.00
NIAGARA____ 23760	22.67 -1.56 0.00	18.97 -1.33 0.00	16.33 -1.11 0.00	19.16 -1.44 0.00	18.24 -1.30 0.00	17.81 -1.17 0.00	15.36 -1.08 0.00	18.00 -0.97 0.00	19.41 -1.13 0.00	19.56 -1.01 0.00	20.77 -0.93 0.00	22.01 -1.06 0.00	21.79 -1.07 0.00	22.02 -1.15 0.00	23.05 -1.10 0.00	25.97 -1.48 0.00	26.70 -1.91 0.00	29.18 -2.02 0.00	26.65 -2.08 0.00	28.15 -2.08 0.00	32.84 -2.73 0.00	27.81 -2.13 0.00	23.43 -1.41 0.00	22.52 -1.26 0.00
NINE_MILE_1 23575	23.15 -1.08 0.00	19.41 -0.89 0.00	16.68 -0.76 0.00	19.67 -0.93 0.00	18.67 -0.86 0.00	18.17 -0.82 0.00	15.71 -0.73 0.00	18.20 -0.77 0.00	19.70 -0.84 0.00	19.68 -0.88 0.00	20.69 -1.01 0.00	21.96 -1.11 0.00	21.77 -1.09 0.00	22.08 -1.09 0.00	23.04 -1.11 0.00	26.16 -1.30 0.00	27.18 -1.43 0.00	28.24 -1.41 1.55	27.27 -1.29 0.17	28.85 -1.38 0.00	33.81 -1.75 0.00	28.47 -1.47 0.00	23.63 -1.20 0.00	22.61 -1.16 0.00
NINE_MILE_2 23744	23.15 -1.08 0.00	19.41 -0.89 0.00	16.68 -0.76 0.00	19.67 -0.93 0.00	18.68 -0.86 0.00	18.17 -0.82 0.00	15.71 -0.73 0.00	18.20 -0.77 0.00	19.70 -0.84 0.00	19.68 -0.88 0.00	20.69 -1.01 0.00	21.96 -1.11 0.00	21.77 -1.10 0.00	22.08 -1.09 0.00	23.04 -1.11 0.00	26.16 -1.30 0.00	27.18 -1.43 0.00	28.24 -1.41 1.55	27.27 -1.29 0.17	28.84 -1.38 0.00	33.81 -1.75 0.00	28.47 -1.47 0.00	23.63 -1.20 0.00	22.61 -1.16 0.00
NM_CAPITAL___DRP 24208	24.81 0.59 0.00	20.95 0.66 0.00	18.02 0.59 0.00	21.22 0.63 0.00	20.13 0.59 0.00	19.61 0.63 0.00	16.98 0.54 0.00	19.47 0.50 0.00	21.07 0.52 0.00	21.01 0.45 0.00	22.18 0.48 0.00	23.57 0.50 0.00	23.32 0.46 0.00	23.66 0.49 0.00	24.65 0.50 0.00	28.07 0.62 0.00	29.25 0.64 0.00	32.06 0.85 0.00	29.56 0.84 0.00	31.06 0.83 0.00	36.46 0.89 0.00	30.65 0.70 0.00	25.42 0.58 0.00	24.35 0.57 0.00
NM_CENTRAL___DRP 24181	23.60 -0.62 0.00	19.77 -0.52 0.00	16.99 -0.45 0.00	20.03 -0.57 0.00	19.03 -0.51 0.00	18.58 -0.40 0.00	16.12 -0.32 0.00	18.61 -0.35 0.00	20.15 -0.39 0.00	20.16 -0.40 0.00	21.22 -0.48 0.00	22.54 -0.53 0.00	22.35 -0.51 0.00	22.68 -0.48 0.00	23.69 -0.45 0.00	26.93 -0.52 0.00	28.07 -0.54 0.00	27.65 -0.63 2.91	27.84 -0.57 0.32	29.67 -0.56 0.00	34.75 -0.82 0.00	29.15 -0.79 0.00	24.17 -0.67 0.00	23.10 -0.67 0.00

NM_FRONTIER___DRP 24179	22.62 -1.61 0.00	18.94 -1.36 0.00	16.30 -1.14 0.00	19.11 -1.49 0.00	18.20 -1.34 0.00	17.76 -1.22 0.00	15.32 -1.12 0.00	17.93 -1.04 0.00	19.37 -1.18 0.00	19.50 -1.06 0.00	20.70 -1.00 0.00	21.74 -1.32 0.00	21.53 -1.33 0.00	21.76 -1.41 0.00	22.77 -1.38 0.00	25.65 -1.81 0.00	26.44 -2.17 0.00	28.90 -2.30 0.00	26.24 -2.49 0.00	27.73 -2.50 0.00	32.35 -3.21 0.00	27.39 -2.56 0.00	23.23 -1.61 0.00	22.45 -1.33 0.00
NM_ST_REGIS___HYD 24053	23.56 -0.67 0.00	19.62 -0.67 0.00	16.84 -0.60 0.00	19.92 -0.67 0.00	18.92 -0.62 0.00	18.31 -0.68 0.00	15.78 -0.66 0.00	18.22 -0.74 0.00	19.74 -0.81 0.00	19.84 -0.72 0.00	20.95 -0.75 0.00	22.25 -0.82 0.00	22.05 -0.81 0.00	22.23 -0.94 0.00	23.06 -1.08 0.00	26.11 -1.34 0.00	27.46 -1.15 0.00	-49.73 -1.46 79.47	18.81 -1.30 8.61	29.45 -0.78 0.00	34.79 -0.77 0.00	29.31 -0.64 0.00	24.29 -0.55 0.00	23.22 -0.56 0.00
NORTHPORT___1 23551	27.08 1.52 -1.34	43.65 1.44 -21.92	18.54 1.11 0.00	21.70 1.11 0.00	20.39 0.86 0.00	19.92 0.94 0.00	17.36 0.92 0.00	20.05 1.09 0.00	21.73 1.19 0.00	21.72 1.16 0.00	27.23 1.74 -3.79	29.91 1.99 -4.86	31.60 1.92 -6.82	29.52 1.94 -4.41	25.48 1.34 0.00	29.20 1.75 0.01	30.48 1.87 0.00	33.20 2.00 0.00	30.54 1.81 0.00	31.78 1.55 0.00	37.20 1.64 0.00	31.37 1.42 0.00	26.17 1.33 0.00	25.30 1.52 0.00
NORTHPORT___2 23552	27.08 1.52 -1.34	43.65 1.44 -21.92	18.54 1.11 0.00	21.70 1.11 0.00	20.39 0.86 0.00	19.92 0.94 0.00	17.36 0.92 0.00	20.05 1.09 0.00	21.73 1.19 0.00	21.72 1.16 0.00	27.23 1.74 -3.79	29.91 1.99 -4.86	31.60 1.92 -6.82	29.52 1.94 -4.41	25.48 1.34 0.00	29.20 1.75 0.01	30.48 1.87 0.00	33.20 2.00 0.00	30.54 1.81 0.00	31.78 1.55 0.00	37.20 1.64 0.00	31.37 1.42 0.00	26.17 1.33 0.00	25.30 1.52 0.00
NORTHPORT___3 23553	27.13 1.57 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.72 1.12 0.00	20.42 0.88 0.00	19.95 0.96 0.00	17.37 0.93 0.00	20.06 1.09 0.00	21.77 1.22 0.00	21.76 1.20 0.00	27.22 1.73 -3.79	29.91 1.98 -4.86	31.60 1.93 -6.82	29.54 1.96 -4.41	25.64 1.50 0.00	29.26 1.81 0.00	30.50 1.90 0.00	33.21 2.01 0.00	30.53 1.80 0.00	31.76 1.52 0.00	37.17 1.61 0.00	31.32 1.38 0.00	26.14 1.31 0.00	25.22 1.44 0.00
NORTHPORT___4 23650	27.13 1.57 -1.34	43.65 1.44 -21.92	18.56 1.12 0.00	21.72 1.12 0.00	20.42 0.88 0.00	19.95 0.96 0.00	17.37 0.93 0.00	20.06 1.09 0.00	21.77 1.22 0.00	21.76 1.20 0.00	27.22 1.73 -3.79	29.91 1.98 -4.86	31.60 1.93 -6.82	29.54 1.96 -4.41	25.64 1.50 0.00	29.26 1.81 0.00	30.50 1.90 0.00	33.21 2.01 0.00	30.53 1.80 0.00	31.76 1.52 0.00	37.17 1.61 0.00	31.32 1.38 0.00	26.14 1.31 0.00	25.22 1.44 0.00
NORTHPORT___IC 23718	27.08 1.52 -1.34	43.65 1.44 -21.92	18.54 1.11 0.00	21.71 1.11 0.00	20.39 0.86 0.00	19.92 0.94 0.00	17.36 0.92 0.00	20.05 1.09 0.00	21.74 1.19 0.00	21.72 1.16 0.00	27.23 1.74 -3.79	29.91 1.99 -4.85	31.60 1.92 -6.82	29.52 1.94 -4.41	25.48 1.34 0.00	29.20 1.75 0.01	30.49 1.88 0.00	33.20 2.00 0.00	30.54 1.81 0.00	31.79 1.56 0.00	37.20 1.63 0.00	31.36 1.42 0.00	26.17 1.33 0.00	25.30 1.52 0.00
NORTH___COUNTRY_ESR 323785	23.86 -0.37 0.00	19.89 -0.40 0.00	17.06 -0.37 0.00	20.18 -0.42 0.00	19.16 -0.38 0.00	18.43 -0.55 0.00	15.75 -0.69 0.00	18.22 -0.74 0.00	19.82 -0.72 0.00	19.95 -0.61 0.00	21.04 -0.66 0.00	22.34 -0.73 0.00	22.13 -0.73 0.00	22.22 -0.95 0.00	22.95 -1.19 0.00	26.02 -1.43 0.00	27.61 -1.01 0.00	16.30 -0.94 13.96	26.37 -0.84 1.51	29.81 -0.42 0.00	35.11 -0.46 0.00	29.50 -0.45 0.00	24.60 -0.23 0.00	23.62 -0.16 0.00
NPX_GEN_1385_PROXY 323591	26.85 1.28 -1.34	43.75 1.54 -21.92	18.60 1.16 0.00	21.94 1.34 0.00	20.43 0.90 0.00	19.92 0.94 0.00	17.05 0.92 0.31	20.22 1.25 -0.01	21.59 1.04 0.00	21.49 0.93 0.00	27.00 1.52 -3.79	29.55 1.62 -4.86	31.31 1.64 -6.82	29.20 1.63 -4.41	24.90 0.76 0.00	28.52 1.07 0.01	29.90 1.29 0.00	32.71 1.51 0.00	30.21 1.48 0.00	31.64 1.41 0.00	36.99 1.43 0.00	31.35 1.40 0.00	25.98 1.15 0.00	24.98 1.21 0.00
NPX_GEN_CSC 323557	27.01 1.45 -1.34	43.60 1.38 -21.92	18.44 1.00 0.00	21.61 1.01 0.00	20.34 0.80 0.00	19.82 0.83 0.00	17.07 0.94 0.31	20.13 1.16 -0.01	21.81 1.26 0.00	21.71 1.15 0.00	27.15 1.66 -3.79	29.91 1.98 -4.86	31.65 1.98 -6.82	29.62 2.05 -4.41	25.82 1.68 0.00	29.66 2.20 0.00	30.99 2.38 0.00	33.70 2.49 0.00	31.01 2.28 0.00	32.26 2.03 0.00	37.72 2.15 0.00	31.72 1.78 0.00	26.37 1.54 0.00	25.41 1.63 0.00
NSINS_S_GLNS_FALLS 23858	25.73 1.50 0.00	21.42 1.13 0.00	18.41 0.97 0.00	21.71 1.12 0.00	20.61 1.07 0.00	20.10 1.12 0.00	17.55 1.11 0.00	20.22 1.25 0.00	21.80 1.26 0.00	21.60 1.04 0.00	22.59 0.89 0.00	23.97 0.91 0.00	23.77 0.91 0.00	24.09 0.92 0.00	25.17 1.03 0.00	28.85 1.40 0.00	30.05 1.43 0.00	33.27 2.07 0.00	30.94 2.21 0.00	32.43 2.20 0.00	38.23 2.67 0.00	32.07 2.12 0.00	26.62 1.78 0.00	25.40 1.62 0.00
NUCOR_STEEL___DRP 24197	23.92 -0.31 0.00	20.04 -0.26 0.00	17.19 -0.25 0.00	20.29 -0.30 0.00	19.23 -0.31 0.00	18.90 -0.08 0.00	16.48 0.04 0.00	18.81 -0.15 0.00	20.32 -0.23 0.00	20.21 -0.36 0.00	21.33 -0.37 0.00	22.66 -0.41 0.00	22.48 -0.38 0.00	22.79 -0.38 0.00	23.73 -0.42 0.00	27.19 -0.26 0.00	28.72 0.11 0.00	28.79 -0.26 2.15	28.32 -0.17 0.23	30.58 0.35 0.00	35.76 0.19 0.00	29.61 -0.33 0.00	24.54 -0.30 0.00	23.38 -0.40 0.00
NUMBER_THREE_WT_PWR 323818	23.88 -0.35 0.00	19.69 -0.61 0.00	16.94 -0.50 0.00	20.00 -0.60 0.00	19.07 -0.46 0.00	18.76 -0.22 0.00	16.31 -0.13 0.00	18.90 -0.07 0.00	20.40 -0.14 0.00	20.38 -0.18 0.00	21.45 -0.24 0.00	22.75 -0.32 0.00	22.57 -0.29 0.00	22.82 -0.35 0.00	23.76 -0.38 0.00	27.03 -0.42 0.00	28.23 -0.38 0.00	3.68 -0.39 27.13	25.59 -0.19 2.94	30.28 0.05 0.00	35.47 -0.09 0.00	29.69 -0.26 0.00	24.51 -0.33 0.00	23.32 -0.46 0.00
NYISO_LBMP_REFERENCE 24008	24.23 0.00 0.00	20.29 0.00 0.00	17.44 0.00 0.00	20.60 0.00 0.00	19.54 0.00 0.00	18.98 0.00 0.00	16.44 0.00 0.00	18.97 0.00 0.00	20.55 0.00 0.00	20.56 0.00 0.00	21.70 0.00 0.00	23.07 0.00 0.00	22.86 0.00 0.00	23.17 0.00 0.00	24.14 0.00 0.00	27.45 0.00 0.00	28.61 0.00 0.00	31.20 0.00 0.00	28.73 0.00 0.00	30.23 0.00 0.00	35.56 0.00 0.00	29.94 0.00 0.00	24.84 0.00 0.00	23.78 0.00 0.00
NYPA_BRENTWD____GT 24164	27.46 1.90 -1.34	43.92 1.71 -21.92	18.75 1.32 0.00	21.95 1.35 0.00	20.64 1.10 0.00	20.16 1.18 0.00	17.58 1.14 0.00	20.32 1.36 0.00	22.06 1.51 0.00	22.05 1.49 0.00	27.54 2.05 -3.79	30.25 2.32 -4.86	31.95 2.27 -6.82	29.76 2.18 -4.41	25.89 1.75 0.00	29.87 2.41 0.00	31.18 2.57 0.00	34.00 2.78 -0.02	31.23 2.50 0.00	32.49 2.26 0.00	38.03 2.47 0.00	32.03 2.08 0.00	26.64 1.80 0.00	25.70 1.93 0.00

NYPA_GOWANUS____GT5 24156	25.99	21.74	18.60	21.80	20.65	20.20	17.56	20.20	22.00	22.07	23.45	24.99	24.77	25.19	26.26	39.09	48.50	33.81	31.03	32.35	38.01	39.65	26.59	40.07
	1.76	1.45	1.16	1.20	1.12	1.22	1.12	1.24	1.46	1.51	1.75	1.93	1.91	2.02	2.11	2.53	2.53	2.60	2.30	2.12	2.45	2.11	1.74	1.68
	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	-9.11	-17.35	-0.01	0.00	0.00	0.00	-7.60	-0.02	-14.60
NYPA_GOWANUS____GT6 24157	25.99	21.74	18.60	21.80	20.65	20.20	17.56	20.20	22.00	22.07	23.45	24.99	24.77	25.19	26.26	39.09	48.50	33.81	31.03	32.35	38.01	39.65	26.59	40.07
	1.76	1.45	1.16	1.20	1.12	1.22	1.12	1.24	1.46	1.51	1.75	1.93	1.91	2.02	2.11	2.53	2.53	2.60	2.30	2.12	2.45	2.11	1.74	1.68
	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	-9.11	-17.35	-0.01	0.00	0.00	0.00	-7.60	-0.02	-14.60
NYPA_HARLEM__RVR__GT1 24160	25.90	21.70	18.56	21.74	20.61	20.16	17.51	20.12	21.93	21.99	23.38	24.92	24.70	25.10	26.13	29.86	31.01	33.69	30.94	32.24	37.81	31.94	26.47	25.37
	1.68	1.41	1.12	1.15	1.08	1.18	1.07	1.16	1.39	1.42	1.68	1.85	1.84	1.93	1.99	2.40	2.40	2.49	2.21	2.01	2.25	2.00	1.64	1.59
	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
NYPA_HARLEM__RVR__GT2 24161	25.90	21.70	18.56	21.74	20.61	20.16	17.51	20.12	21.93	21.99	23.38	24.92	24.70	25.10	26.13	29.86	31.01	33.69	30.94	32.24	37.81	31.94	26.47	25.37
	1.68	1.41	1.12	1.15	1.08	1.18	1.07	1.16	1.39	1.42	1.68	1.85	1.84	1.93	1.99	2.40	2.40	2.49	2.21	2.01	2.25	2.00	1.64	1.59
	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
NYPA_KENT____GT 24152	25.95	21.71	18.58	21.76	20.62	20.18	17.55	20.19	21.98	22.06	23.43	24.98	24.76	25.17	26.23	35.30	41.30	33.76	30.97	32.28	37.94	36.47	26.54	33.99
	1.72	1.42	1.14	1.17	1.09	1.19	1.10	1.22	1.44	1.50	1.73	1.91	1.89	2.00	2.08	2.50	2.50	2.55	2.24	2.05	2.37	2.06	1.70	1.64
	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	-5.35	-10.19	0.00	0.00	0.00	0.00	-4.46	-0.01	-8.57
NYPA_POUCH1____GT 24155	25.92	21.70	18.55	21.75	20.60	20.15	17.51	20.14	21.94	22.01	23.39	24.92	24.69	25.11	26.17	38.98	48.40	33.73	30.98	32.31	37.96	39.57	26.53	40.00
	1.70	1.40	1.12	1.15	1.07	1.17	1.07	1.18	1.40	1.45	1.69	1.85	1.84	1.95	2.03	2.42	2.44	2.52	2.25	2.07	2.39	2.03	1.67	1.62
	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	-9.11	-17.35	-0.01	0.00	0.00	0.00	-7.60	-0.02	-14.60
NYPA_VERNON____GT2 24162	25.90	21.68	18.56	21.74	20.60	20.15	17.53	20.17	21.97	22.04	23.41	24.96	24.74	25.14	26.19	31.51	34.10	33.70	30.92	32.23	37.88	33.28	26.50	27.92
	1.67	1.39	1.12	1.14	1.07	1.17	1.09	1.20	1.42	1.47	1.71	1.89	1.87	1.97	2.04	2.47	2.46	2.50	2.20	2.00	2.31	2.01	1.66	1.60
	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	-1.59	-3.02	0.00	0.00	0.00	0.00	-1.32	0.00	-2.55
NYPA_VERNON____GT3 24163	25.90	21.68	18.56	21.74	20.60	20.15	17.53	20.17	21.97	22.04	23.41	24.96	24.74	25.14	26.19	31.51	34.10	33.70	30.92	32.23	37.88	33.28	26.50	27.92
	1.67	1.39	1.12	1.14	1.07	1.17	1.09	1.20	1.42	1.47	1.71	1.89	1.87	1.97	2.04	2.47	2.46	2.50	2.20	2.00	2.31	2.01	1.66	1.60
	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	-1.59	-3.02	0.00	0.00	0.00	0.00	-1.32	0.00	-2.55
NYPA____ASTORIA_CC1 323568	25.86	21.65	18.54	21.70	20.57	20.12	17.51	20.13	21.92	21.99	23.36	24.91	24.69	25.09	26.13	29.86	31.01	33.63	30.87	32.18	37.82	31.90	26.44	25.33
	1.63	1.36	1.11	1.10	1.03	1.14	1.07	1.17	1.38	1.43	1.66	1.84	1.83	1.92	1.99	2.40	2.40	2.43	2.14	1.95	2.25	1.95	1.61	1.55
	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
NYPA____ASTORIA_CC2 323569	25.86	21.65	18.54	21.70	20.57	20.12	17.51	20.13	21.92	21.99	23.36	24.91	24.69	25.09	26.13	29.86	31.01	33.63	30.87	32.18	37.82	31.90	26.44	25.33
	1.63	1.36	1.11	1.10	1.03	1.14	1.07	1.17	1.38	1.43	1.66	1.84	1.83	1.92	1.99	2.40	2.40	2.43	2.14	1.95	2.25	1.95	1.61	1.55
	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
NYPA____HOLTSVILL 23794	27.21	43.72	18.57	21.74	20.45	19.97	17.43	20.16	21.88	21.85	27.31	30.03	31.74	29.69	25.86	29.66	30.96	33.69	30.98	32.23	37.69	31.74	26.42	25.49
	1.64	1.50	1.13	1.14	0.91	0.98	0.99	1.19	1.33	1.29	1.82	2.10	2.07	2.11	1.72	2.21	2.34	2.49	2.25	1.99	2.13	1.79	1.59	1.71
	-1.34	-21.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.79	-4.86	-6.82	-4.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT1 24158	25.90	21.70	18.56	21.74	20.61	20.16	17.51	20.12	21.93	21.99	23.38	24.92	24.70	25.10	26.13	29.86	31.01	33.69	30.94	32.24	37.81	31.94	26.47	25.37
	1.68	1.41	1.12	1.15	1.08	1.18	1.07	1.16	1.39	1.42	1.68	1.85	1.84	1.93	1.99	2.40	2.40	2.49	2.21	2.01	2.25	2.00	1.64	1.59
	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
NYPA____HELLGATE_GT2 24159	25.90	21.70	18.56	21.74	20.61	20.16	17.51	20.12	21.93	21.99	23.38	24.92	24.70	25.10	26.13	29.86	31.01	33.69	30.94	32.24	37.81	31.94	26.47	25.37
	1.68	1.41	1.12	1.15	1.08	1.18	1.07	1.16	1.39	1.42	1.68	1.85	1.84	1.93	1.99	2.40	2.40	2.49	2.21	2.01	2.25	2.00	1.64	1.59
	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
NYS_BARGE____HYD 23848	22.98	19.21	16.54	19.39	18.47	18.05	15.58	18.26	19.69	19.83	21.07	22.32	22.15	22.34	23.41	26.36	27.10	28.07	26.93	28.65	33.41	28.27	23.78	22.82
	-1.24	-1.08	-0.89	-1.20	-1.07	-0.93	-0.86	-0.71	-0.85	-0.74	-0.63	-0.74	-0.71	-0.82	-0.73	-1.09	-1.51	-1.58	-1.63	-1.58	-2.16	-1.67	-1.06	-0.96
	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	1.55	0.17	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	23.50	19.64	16.89	19.85	18.88	18.43	15.94	18.56	20.04	20.14	21.34	22.67	22.45	22.77	23.80	26.95	27.91	28.88	27.83	29.58	34.53	29.08	24.25	23.19
	-0.73	-0.65	-0.55	-0.75	-0.66	-0.55	-0.51	-0.41	-0.51	-0.42	-0.36	-0.40	-0.41	-0.40	-0.34	-0.50	-0.70	-0.70	-0.72	-0.65	-1.03	-0.86	-0.58	-0.59
	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	1.62	0.17	0.00	0.00	0.00	0.00	0.00

OAKDALE___35_KV_LOAD 356122	23.92 -0.31 0.00	20.00 -0.29 0.00	17.20 -0.23 0.00	20.31 -0.29 0.00	19.31 -0.23 0.00	18.85 -0.13 0.00	16.33 -0.11 0.00	18.93 -0.04 0.00	20.50 -0.05 0.00	20.55 -0.02 0.00	21.67 -0.03 0.00	23.06 -0.01 0.00	22.86 0.00 0.00	23.20 0.04 0.00	24.29 0.15 0.00	27.60 0.15 0.00	28.63 0.01 0.00	31.13 -0.07 0.00	28.65 -0.07 0.00	30.07 -0.16 0.00	35.28 -0.28 0.00	29.72 -0.22 0.00	24.63 -0.21 0.00	23.55 -0.23 0.00
OCC_CHEM___DRP 24175	22.66 -1.56 0.00	18.97 -1.33 0.00	16.32 -1.11 0.00	19.14 -1.46 0.00	18.23 -1.30 0.00	17.79 -1.19 0.00	15.35 -1.09 0.00	17.96 -1.00 0.00	19.41 -1.14 0.00	19.54 -1.02 0.00	20.74 -0.96 0.00	21.79 -1.28 0.00	21.57 -1.29 0.00	21.81 -1.36 0.00	22.82 -1.33 0.00	25.70 -1.75 0.00	26.50 -2.11 0.00	28.97 -2.23 0.00	26.31 -2.42 0.00	27.81 -2.42 0.00	32.44 -3.13 0.00	27.47 -2.47 0.00	23.28 -1.56 0.00	22.47 -1.30 0.00
OH_GEN_PROXY 24063	22.69 -1.53 0.00	18.99 -1.30 0.00	16.35 -1.09 0.00	19.18 -1.42 0.00	18.27 -1.27 0.00	17.84 -1.14 0.00	15.07 -1.06 0.31	18.03 -0.94 -0.01	19.44 -1.10 0.00	19.60 -0.97 0.00	20.81 -0.89 0.00	22.06 -1.01 0.00	21.84 -1.03 0.00	22.08 -1.09 0.00	23.10 -1.04 0.00	26.04 -1.41 0.00	26.77 -1.84 0.00	29.25 -1.95 0.00	26.71 -2.02 0.00	28.21 -2.02 0.00	32.92 -2.64 0.00	27.88 -2.07 0.00	23.44 -1.39 0.00	22.53 -1.25 0.00
OLIN_CORP_DRP 24177	22.62 -1.61 0.00	18.93 -1.37 0.00	16.30 -1.14 0.00	19.11 -1.49 0.00	18.21 -1.33 0.00	17.78 -1.20 0.00	15.34 -1.11 0.00	17.94 -1.02 0.00	19.38 -1.16 0.00	19.51 -1.05 0.00	20.74 -0.96 0.00	21.98 -1.09 0.00	21.77 -1.09 0.00	22.00 -1.17 0.00	23.03 -1.12 0.00	25.92 -1.53 0.00	26.64 -1.97 0.00	29.13 -2.07 0.00	26.62 -2.11 0.00	28.15 -2.08 0.00	32.84 -2.72 0.00	27.80 -2.14 0.00	23.42 -1.41 0.00	22.50 -1.27 0.00
OLIN_CORP_DSASP 323712	22.67 -1.56 0.00	18.96 -1.33 0.00	16.32 -1.11 0.00	19.14 -1.46 0.00	18.23 -1.30 0.00	17.79 -1.19 0.00	15.35 -1.09 0.00	17.99 -0.98 0.00	19.41 -1.14 0.00	19.54 -1.02 0.00	20.74 -0.96 0.00	21.79 -1.28 0.00	21.58 -1.28 0.00	21.81 -1.36 0.00	22.81 -1.33 0.00	25.70 -1.75 0.00	26.51 -2.11 0.00	28.97 -2.23 0.00	26.32 -2.41 0.00	27.81 -2.42 0.00	32.42 -3.14 0.00	27.47 -2.47 0.00	23.28 -1.56 0.00	22.48 -1.30 0.00
ONEIDA_HERK_LFGE 323681	24.35 0.13 0.00	20.25 -0.04 0.00	17.41 -0.03 0.00	20.55 -0.05 0.00	19.54 0.01 0.00	19.12 0.13 0.00	16.59 0.15 0.00	19.18 0.21 0.00	20.72 0.17 0.00	20.71 0.15 0.00	21.82 0.13 0.00	23.18 0.11 0.00	22.99 0.13 0.00	23.30 0.14 0.00	24.29 0.15 0.00	27.63 0.18 0.00	28.82 0.20 0.00	18.97 0.30 12.53	27.75 0.38 1.36	30.75 0.51 0.00	36.09 0.52 0.00	30.29 0.35 0.00	25.05 0.22 0.00	23.88 0.10 0.00
ONEIDA___115KV_TB4 55905	24.57 0.34 0.00	20.52 0.23 0.00	17.63 0.19 0.00	20.80 0.21 0.00	19.76 0.22 0.00	19.30 0.32 0.00	16.75 0.31 0.00	19.33 0.37 0.00	20.86 0.31 0.00	20.84 0.28 0.00	21.97 0.27 0.00	23.36 0.29 0.00	23.15 0.29 0.00	23.51 0.34 0.00	24.55 0.40 0.00	27.91 0.45 0.00	29.09 0.47 0.00	26.35 0.57 5.42	28.74 0.60 0.59	30.96 0.72 0.00	36.39 0.83 0.00	30.59 0.65 0.00	25.32 0.48 0.00	24.15 0.37 0.00
ONONDAGA_REF_OCCRA 23987	23.70 -0.53 0.00	19.85 -0.44 0.00	17.06 -0.38 0.00	20.11 -0.48 0.00	19.10 -0.43 0.00	18.67 -0.31 0.00	16.21 -0.23 0.00	18.68 -0.28 0.00	20.22 -0.32 0.00	20.24 -0.33 0.00	21.29 -0.40 0.00	22.62 -0.44 0.00	22.44 -0.42 0.00	22.79 -0.38 0.00	23.79 -0.35 0.00	27.06 -0.39 0.00	28.28 -0.33 0.00	28.09 -0.48 2.64	28.02 -0.42 0.29	29.89 -0.34 0.00	34.97 -0.60 0.00	29.29 -0.65 0.00	24.28 -0.56 0.00	23.20 -0.58 0.00
ONONDAGA___COGEN 23986	23.71 -0.51 0.00	19.87 -0.43 0.00	17.07 -0.37 0.00	20.13 -0.47 0.00	19.11 -0.43 0.00	18.76 -0.22 0.00	16.33 -0.11 0.00	18.65 -0.31 0.00	20.17 -0.38 0.00	20.15 -0.41 0.00	21.21 -0.49 0.00	22.52 -0.55 0.00	22.34 -0.52 0.00	22.68 -0.49 0.00	23.66 -0.48 0.00	26.98 -0.47 0.00	28.47 -0.15 2.51	28.19 -0.50 0.27	28.02 -0.43 0.00	30.20 -0.03 0.00	35.32 -0.24 0.00	29.31 -0.63 0.00	24.28 -0.56 0.00	23.20 -0.58 0.00
ONTARIO___LFGE 23819	23.76 -0.46 0.00	19.85 -0.44 0.00	17.08 -0.36 0.00	20.13 -0.46 0.00	19.16 -0.37 0.00	18.79 -0.19 0.00	16.30 -0.14 0.00	18.88 -0.08 0.00	20.37 -0.17 0.00	20.41 -0.15 0.00	21.52 -0.18 0.00	22.88 -0.19 0.00	22.68 -0.18 0.00	23.06 -0.10 0.00	24.15 0.01 0.00	27.37 -0.08 0.00	28.54 -0.07 0.00	29.28 -0.17 1.75	28.44 -0.10 0.19	30.35 0.12 0.00	35.46 -0.10 0.00	29.67 -0.27 0.00	24.64 -0.20 0.00	23.49 -0.28 0.00
ORANGEVILLE_WT_PWR 323706	23.29 -0.94 0.00	19.44 -0.85 0.00	16.76 -0.68 0.00	19.71 -0.88 0.00	18.79 -0.74 0.00	18.39 -0.59 0.00	15.89 -0.56 0.00	18.59 -0.37 0.00	20.08 -0.47 0.00	20.22 -0.35 0.00	21.41 -0.29 0.00	22.74 -0.33 0.00	22.54 -0.33 0.00	22.85 -0.32 0.00	23.96 -0.18 0.00	27.04 -0.41 0.00	27.78 -0.83 0.00	30.29 -0.91 0.00	27.74 -0.99 0.00	29.23 -1.00 0.00	34.16 -1.40 0.00	28.86 -1.08 0.00	24.14 -0.69 0.00	23.14 -0.63 0.00
ORANGEVILLE___ESR 323794	23.29 -0.94 0.00	19.44 -0.85 0.00	16.76 -0.68 0.00	19.71 -0.88 0.00	18.79 -0.74 0.00	18.39 -0.59 0.00	15.89 -0.56 0.00	18.59 -0.37 0.00	20.08 -0.47 0.00	20.22 -0.35 0.00	21.41 -0.29 0.00	22.74 -0.33 0.00	22.54 -0.33 0.00	22.85 -0.32 0.00	23.96 -0.18 0.00	27.04 -0.41 0.00	27.78 -0.83 0.00	30.29 -0.91 0.00	27.74 -0.99 0.00	29.23 -1.00 0.00	34.16 -1.40 0.00	28.86 -1.08 0.00	24.14 -0.69 0.00	23.14 -0.63 0.00
OSWEGATCHIE___HYD 24044	23.47 -0.76 0.00	19.46 -0.83 0.00	16.72 -0.71 0.00	19.77 -0.83 0.00	18.82 -0.72 0.00	18.37 -0.61 0.00	15.92 -0.52 0.00	18.42 -0.55 0.00	19.89 -0.66 0.00	19.92 -0.64 0.00	21.00 -0.70 0.00	22.27 -0.79 0.00	22.10 -0.76 0.00	22.33 -0.83 0.00	23.22 -0.93 0.00	26.36 -1.09 0.00	27.59 -1.02 0.00	-32.17 -1.26 62.11	21.00 -1.00 6.73	29.63 -0.60 0.00	34.81 -0.75 0.00	29.23 -0.71 0.00	24.15 -0.68 0.00	23.02 -0.75 0.00
OSWEGO___5 23606	23.28 -0.94 0.00	19.52 -0.78 0.00	16.77 -0.67 0.00	19.78 -0.82 0.00	18.78 -0.75 0.00	18.25 -0.74 0.00	15.76 -0.68 0.00	18.28 -0.68 0.00	19.80 -0.74 0.00	19.78 -0.78 0.00	20.80 -0.90 0.00	22.09 -0.98 0.00	21.89 -0.97 0.00	22.21 -0.96 0.00	23.17 -0.97 0.00	26.30 -1.15 0.00	27.29 -1.32 0.00	28.20 -1.20 1.81	27.44 -1.09 0.20	29.04 -1.19 0.00	34.04 -1.52 0.00	28.67 -1.27 0.00	23.80 -1.04 0.00	22.77 -1.01 0.00
OSWEGO___6 23613	23.28 -0.94 0.00	19.52 -0.78 0.00	16.77 -0.67 0.00	19.78 -0.82 0.00	18.78 -0.75 0.00	18.25 -0.74 0.00	15.76 -0.68 0.00	18.28 -0.68 0.00	19.80 -0.74 0.00	19.78 -0.78 0.00	20.80 -0.90 0.00	22.09 -0.98 0.00	21.89 -0.97 0.00	22.21 -0.96 0.00	23.17 -0.97 0.00	26.30 -1.15 0.00	27.29 -1.32 0.00	28.20 -1.20 1.81	27.44 -1.09 0.20	29.04 -1.19 0.00	34.04 -1.52 0.00	28.67 -1.27 0.00	23.80 -1.04 0.00	22.77 -1.01 0.00

OUTOKUMPU-AB___DRP 24206	23.19 -1.03 0.00	19.39 -0.90 0.00	16.68 -0.76 0.00	19.55 -1.04 0.00	18.63 -0.90 0.00	18.21 -0.78 0.00	15.71 -0.73 0.00	18.40 -0.56 0.00	19.90 -0.64 0.00	20.04 -0.52 0.00	21.30 -0.40 0.00	22.51 -0.55 0.00	22.31 -0.55 0.00	22.57 -0.60 0.00	23.66 -0.49 0.00	26.63 -0.82 0.00	27.40 -1.22 0.00	29.94 -1.26 0.00	27.31 -1.42 0.00	28.84 -1.39 0.00	33.62 -1.95 0.00	28.42 -1.52 0.00	23.93 -0.91 0.00	23.00 -0.78 0.00
OXBOW___BTM 323836	22.93 -1.29 0.00	19.17 -1.12 0.00	16.50 -0.93 0.00	19.34 -1.26 0.00	18.43 -1.11 0.00	17.99 -0.99 0.00	15.53 -0.91 0.00	18.21 -0.76 0.00	19.65 -0.89 0.00	19.80 -0.76 0.00	21.04 -0.67 0.00	22.17 -0.90 0.00	21.97 -0.89 0.00	22.21 -0.95 0.00	23.26 -0.88 0.00	26.20 -1.25 0.00	26.99 -1.63 0.00	29.50 -1.71 0.00	26.85 -1.88 0.00	28.36 -1.87 0.00	33.04 -2.53 0.00	27.97 -1.98 0.00	23.61 -1.22 0.00	22.74 -1.03 0.00
OXBOW___ 24026	22.93 -1.29 0.00	19.17 -1.12 0.00	16.50 -0.94 0.00	19.34 -1.25 0.00	18.43 -1.11 0.00	17.99 -0.99 0.00	15.53 -0.91 0.00	18.18 -0.78 0.00	19.65 -0.89 0.00	19.80 -0.76 0.00	21.03 -0.67 0.00	22.16 -0.91 0.00	21.96 -0.90 0.00	22.21 -0.96 0.00	23.26 -0.88 0.00	26.20 -1.25 0.00	26.98 -1.63 0.00	29.49 -1.71 0.00	26.84 -1.89 0.00	28.36 -1.87 0.00	33.06 -2.50 0.00	27.97 -1.97 0.00	23.61 -1.22 0.00	22.75 -1.03 0.00
OXY_CHEM_DSASP 323612	22.66 -1.56 0.00	18.97 -1.33 0.00	16.32 -1.11 0.00	19.14 -1.46 0.00	18.23 -1.30 0.00	17.79 -1.19 0.00	15.35 -1.09 0.00	17.96 -1.00 0.00	19.41 -1.14 0.00	19.54 -1.02 0.00	20.74 -0.96 0.00	21.79 -1.28 0.00	21.57 -1.29 0.00	21.81 -1.36 0.00	22.82 -1.33 0.00	25.70 -1.75 0.00	26.50 -2.11 0.00	28.97 -2.23 0.00	26.31 -2.42 0.00	27.81 -2.42 0.00	32.44 -3.13 0.00	27.47 -2.47 0.00	23.28 -1.56 0.00	22.47 -1.30 0.00
OZONE_PARK_ESR 323760	26.16 1.93 0.00	21.88 1.58 0.00	18.72 1.28 0.00	21.94 1.35 0.00	20.78 1.24 0.00	20.32 1.34 0.00	17.65 1.21 0.00	20.34 1.38 0.00	22.14 1.59 0.00	22.21 1.64 0.00	23.58 1.88 0.00	25.16 2.09 0.00	24.92 2.06 0.00	25.33 2.17 0.00	26.40 2.26 0.00	30.20 2.74 0.00	31.39 2.78 0.00	34.08 2.88 0.00	31.27 2.55 0.00	32.59 2.36 0.00	38.27 2.70 0.00	32.28 2.34 0.00	26.77 1.94 0.00	25.63 1.85 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.66 -1.56 0.00	18.97 -1.33 0.00	16.32 -1.11 0.00	19.14 -1.46 0.00	18.23 -1.30 0.00	17.79 -1.19 0.00	15.35 -1.09 0.00	17.96 -1.00 0.00	19.41 -1.14 0.00	19.54 -1.02 0.00	20.74 -0.96 0.00	21.79 -1.28 0.00	21.57 -1.29 0.00	21.81 -1.36 0.00	22.82 -1.33 0.00	25.70 -1.75 0.00	26.50 -2.11 0.00	28.97 -2.23 0.00	26.31 -2.42 0.00	27.81 -2.42 0.00	32.44 -3.13 0.00	27.47 -2.47 0.00	23.28 -1.56 0.00	22.47 -1.30 0.00
PACKARD___115KV_DUPONT_184 80571	22.66 -1.56 0.00	18.97 -1.33 0.00	16.32 -1.11 0.00	19.14 -1.46 0.00	18.23 -1.30 0.00	17.79 -1.19 0.00	15.35 -1.09 0.00	17.96 -1.00 0.00	19.41 -1.14 0.00	19.54 -1.02 0.00	20.74 -0.96 0.00	21.79 -1.28 0.00	21.57 -1.29 0.00	21.81 -1.36 0.00	22.82 -1.33 0.00	25.70 -1.75 0.00	26.50 -2.11 0.00	28.97 -2.23 0.00	26.31 -2.42 0.00	27.81 -2.42 0.00	32.44 -3.13 0.00	27.47 -2.47 0.00	23.28 -1.56 0.00	22.47 -1.30 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.86 1.63 0.00	21.65 1.36 0.00	18.52 1.08 0.00	21.70 1.11 0.00	20.57 1.04 0.00	20.12 1.13 0.00	17.48 1.04 0.00	20.10 1.13 0.00	21.90 1.36 0.00	21.94 1.38 0.00	23.32 1.62 0.00	24.86 1.79 0.00	24.65 1.79 0.00	25.04 1.87 0.00	26.06 1.92 0.00	29.77 2.32 0.00	30.93 2.32 0.00	33.61 2.41 0.00	30.87 2.14 0.00	32.19 1.95 0.00	37.78 2.21 0.00	31.87 1.93 0.00	26.41 1.58 0.00	25.31 1.53 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.98 1.75 0.00	21.72 1.43 0.00	18.58 1.15 0.00	21.76 1.17 0.00	20.64 1.10 0.00	20.17 1.18 0.00	17.51 1.07 0.00	20.15 1.18 0.00	21.93 1.38 0.00	21.95 1.38 0.00	23.33 1.64 0.00	24.87 1.80 0.00	24.67 1.81 0.00	25.05 1.88 0.00	26.08 1.94 0.00	29.78 2.32 0.00	30.94 2.33 0.00	33.67 2.47 0.00	30.92 2.19 0.00	32.23 2.00 0.00	37.81 2.24 0.00	31.95 2.01 0.00	26.44 1.60 0.00	25.35 1.57 0.00
PATROON___115KV_TB1 80586	24.86 0.63 0.00	20.99 0.69 0.00	18.05 0.61 0.00	21.26 0.66 0.00	20.16 0.62 0.00	19.64 0.66 0.00	17.01 0.57 0.00	19.49 0.53 0.00	21.10 0.56 0.00	21.05 0.49 0.00	22.23 0.53 0.00	23.62 0.55 0.00	23.38 0.52 0.00	23.73 0.56 0.00	24.72 0.58 0.00	28.16 0.71 0.00	29.35 0.74 0.00	32.16 0.96 0.00	29.65 0.93 0.00	31.16 0.93 0.00	36.55 0.99 0.00	30.72 0.78 0.00	25.48 0.64 0.00	24.40 0.62 0.00
PATTRSNVILLE___SOLAR 323815	25.00 0.77 0.00	20.92 0.63 0.00	17.97 0.53 0.00	21.20 0.60 0.00	20.10 0.57 0.00	19.57 0.59 0.00	16.97 0.53 0.00	19.46 0.49 0.00	20.95 0.40 0.00	20.88 0.31 0.00	21.99 0.29 0.00	23.36 0.29 0.00	23.18 0.32 0.00	23.50 0.33 0.00	24.54 0.40 0.00	28.01 0.56 0.00	29.31 0.70 0.00	32.04 0.83 0.00	29.68 0.96 0.00	31.29 1.05 0.00	36.82 1.25 0.00	30.98 1.03 0.00	25.69 0.85 0.00	24.58 0.80 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.31 -0.92 0.00	19.45 -0.84 0.00	16.75 -0.69 0.00	19.68 -0.92 0.00	18.75 -0.79 0.00	18.34 -0.64 0.00	15.83 -0.61 0.00	18.54 -0.43 0.00	20.05 -0.49 0.00	20.22 -0.34 0.00	21.46 -0.23 0.00	22.80 -0.27 0.00	22.60 -0.26 0.00	22.87 -0.29 0.00	23.99 -0.15 0.00	27.07 -0.38 0.00	27.81 -0.81 0.00	30.34 -0.86 0.00	27.76 -0.97 0.00	29.26 -0.97 0.00	34.14 -1.43 0.00	28.83 -1.11 0.00	24.14 -0.70 0.00	23.12 -0.65 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.83 1.60 0.00	21.60 1.30 0.00	18.49 1.06 0.00	21.71 1.11 0.00	20.56 1.03 0.00	20.10 1.12 0.00	17.47 1.03 0.00	20.16 1.19 0.00	21.90 1.36 0.00	21.92 1.36 0.00	23.27 1.58 0.00	24.82 1.75 0.00	24.61 1.75 0.00	25.04 1.87 0.00	26.09 1.94 0.00	29.84 2.39 0.00	31.06 2.45 0.00	33.84 2.64 0.00	31.12 2.39 0.00	32.45 2.22 0.00	38.02 2.46 0.00	31.99 2.04 0.00	26.51 1.67 0.00	25.36 1.58 0.00
PEEKSKILL___ 23653	25.58 1.35 0.00	21.40 1.11 0.00	18.32 0.89 0.00	21.51 0.91 0.00	20.37 0.83 0.00	19.91 0.93 0.00	17.30 0.86 0.00	19.94 0.97 0.00	21.67 1.13 0.00	21.71 1.15 0.00	23.05 1.35 0.00	24.58 1.51 0.00	24.36 1.49 0.00	24.74 1.57 0.00	25.77 1.62 0.00	29.45 1.99 0.00	30.63 2.01 0.00	33.31 2.10 0.00	30.60 1.88 0.00	31.92 1.69 0.00	37.45 1.88 0.00	31.55 1.61 0.00	26.18 1.34 0.00	25.09 1.31 0.00
PGE MADISON___WINDPWR 24146	25.31 1.09 0.00	21.24 0.95 0.00	18.21 0.77 0.00	21.71 1.12 0.00	20.53 0.99 0.00	19.99 1.01 0.00	17.35 0.91 0.00	19.95 0.99 0.00	21.63 1.08 0.00	21.70 1.14 0.00	22.71 1.02 0.00	24.22 1.16 0.00	24.01 1.15 0.00	24.38 1.21 0.00	25.65 1.51 0.00	29.21 1.75 0.00	30.49 1.88 0.00	33.34 2.14 0.00	31.06 2.33 0.00	33.00 2.76 0.00	38.38 2.81 0.00	31.93 1.99 0.00	26.38 1.54 0.00	25.13 1.35 0.00

PIERCEFIELD___HYD 23852	23.41 -0.82 0.00	19.51 -0.78 0.00	16.74 -0.70 0.00	19.81 -0.79 0.00	18.81 -0.72 0.00	18.22 -0.76 0.00	15.75 -0.69 0.00	18.18 -0.79 0.00	19.66 -0.89 0.00	19.76 -0.80 0.00	20.87 -0.83 0.00	22.16 -0.91 0.00	21.96 -0.90 0.00	22.17 -1.00 0.00	23.02 -1.12 0.00	26.07 -1.38 0.00	27.35 -1.27 0.00	-61.91 -1.70 91.41	17.30 -1.52 9.91	29.24 -0.99 0.00	34.56 -1.01 0.00	29.13 -0.82 0.00	24.11 -0.72 0.00	23.03 -0.75 0.00
PINELAWN_CC_1 323563	27.42 1.86 -1.34	43.85 1.63 -21.92	18.70 1.26 0.00	21.89 1.30 0.00	20.60 1.06 0.00	20.13 1.15 0.00	17.55 1.10 0.00	20.27 1.31 0.00	22.00 1.45 0.00	22.02 1.46 0.00	27.44 1.95 -3.79	30.13 2.20 -4.86	31.71 2.03 -6.82	29.60 2.02 -4.41	25.86 1.71 0.00	29.49 2.03 0.00	30.76 2.15 0.00	33.50 2.30 0.00	30.78 2.06 0.00	32.01 1.77 0.00	37.65 2.09 0.00	31.97 2.02 0.00	26.62 1.79 0.00	25.62 1.84 0.00
PJM_GEN_HTP_PROXY 323702	25.80 1.58 0.00	21.60 1.31 0.00	18.49 1.06 0.00	21.69 1.09 0.00	20.54 1.01 0.00	20.09 1.11 0.00	17.21 1.01 0.23	20.47 1.13 -0.37	21.87 1.33 0.00	21.93 1.37 0.00	23.30 1.60 0.00	24.86 1.79 0.00	24.62 1.76 0.00	25.02 1.85 0.00	26.06 1.91 0.00	29.78 2.33 0.00	30.96 2.35 0.00	33.61 2.41 0.00	30.85 2.13 0.00	32.14 1.91 0.00	37.75 2.18 0.00	31.83 1.89 0.00	26.40 1.56 0.00	25.29 1.51 0.00
PJM_GEN_KEystone 24065	24.25 0.03 0.00	20.27 -0.02 0.00	16.81 -0.03 0.60	18.52 -0.12 1.96	19.45 -0.09 0.00	19.04 0.05 0.00	16.24 0.04 0.23	19.50 0.16 -0.37	20.74 0.20 0.00	20.83 0.27 0.00	22.06 0.36 0.00	23.50 0.43 0.00	23.28 0.42 0.00	23.64 0.47 0.00	24.73 0.59 0.00	28.13 0.68 0.00	29.10 0.49 0.00	31.60 0.40 0.00	28.98 0.26 0.00	30.32 0.09 0.00	35.55 -0.02 0.00	29.98 0.03 0.00	24.92 0.08 0.00	21.92 0.10 1.96
PJM_GEN_NEPTUNE_PROXY 323594	26.84 1.59 -1.03	38.50 1.39 -16.82	18.52 1.08 0.00	21.69 1.09 0.00	20.44 0.91 0.00	19.98 0.99 0.00	17.14 0.94 0.23	20.41 1.08 -0.37	21.77 1.23 0.00	21.80 1.24 0.00	26.18 1.66 -2.83	27.54 1.88 -2.59	28.34 1.85 -3.63	27.44 1.92 -2.35	25.86 1.72 0.00	29.58 2.13 0.00	30.81 2.19 0.00	33.50 2.31 0.00	30.77 2.04 0.00	32.01 1.78 0.00	37.52 1.95 0.00	31.62 1.68 0.00	26.35 1.51 0.00	25.33 1.56 0.00
PJM_GEN_VFT_PROXY 323633	25.82 1.60 0.00	21.62 1.32 0.00	18.50 1.06 0.00	21.70 1.10 0.00	20.54 1.01 0.00	20.09 1.11 0.00	17.19 0.98 0.23	20.45 1.11 -0.37	21.85 1.30 0.00	21.91 1.34 0.00	23.24 1.54 0.00	24.80 1.73 0.00	24.57 1.71 0.00	24.97 1.80 0.00	26.03 1.88 0.00	29.74 2.29 0.00	30.91 2.29 0.00	33.54 2.34 0.00	30.78 2.06 0.00	32.08 1.85 0.00	37.67 2.10 0.00	31.78 1.83 0.00	26.36 1.52 0.00	25.25 1.48 0.00
PLATSBURG_115KV_PMLD1 355749	24.30 0.07 0.00	20.25 -0.04 0.00	17.36 -0.08 0.00	20.51 -0.08 0.00	19.43 -0.11 0.00	18.54 -0.44 0.00	15.59 -0.85 0.00	17.99 -0.97 0.00	19.58 -0.97 0.00	19.68 -0.88 0.00	20.73 -0.97 0.00	21.99 -1.08 0.00	21.79 -1.08 0.00	21.85 -1.32 0.00	22.47 -1.67 0.00	25.62 -1.83 0.00	27.66 -0.95 0.00	23.17 -0.56 7.47	27.39 -0.52 0.81	30.27 0.04 0.00	35.66 0.10 0.00	29.86 -0.09 0.00	25.16 0.32 0.00	24.22 0.44 0.00
PLEASANTVLY___LBMP 24000	25.45 1.22 0.00	21.30 1.00 0.00	18.26 0.82 0.00	21.45 0.86 0.00	20.33 0.79 0.00	19.86 0.87 0.00	17.25 0.81 0.00	19.86 0.89 0.00	21.56 1.02 0.00	21.57 1.01 0.00	22.87 1.17 0.00	24.37 1.30 0.00	24.14 1.28 0.00	24.52 1.35 0.00	25.53 1.39 0.00	29.17 1.72 0.00	30.35 1.74 0.00	33.07 1.87 0.00	30.43 1.70 0.00	31.78 1.55 0.00	37.29 1.73 0.00	31.39 1.44 0.00	26.04 1.20 0.00	24.95 1.17 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.67 1.45 0.00	21.49 1.19 0.00	18.40 0.96 0.00	21.58 0.99 0.00	20.45 0.91 0.00	19.99 1.00 0.00	17.37 0.93 0.00	20.01 1.04 0.00	21.75 1.21 0.00	21.79 1.23 0.00	23.12 1.43 0.00	24.67 1.60 0.00	24.44 1.58 0.00	24.83 1.66 0.00	25.86 1.72 0.00	29.55 2.10 0.00	30.75 2.14 0.00	33.45 2.26 0.00	30.75 2.02 0.00	32.08 1.85 0.00	37.64 2.07 0.00	31.69 1.74 0.00	26.28 1.45 0.00	25.18 1.40 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.67 1.45 0.00	21.49 1.19 0.00	18.40 0.96 0.00	21.58 0.99 0.00	20.45 0.91 0.00	19.99 1.00 0.00	17.37 0.93 0.00	20.01 1.04 0.00	21.75 1.21 0.00	21.79 1.23 0.00	23.12 1.43 0.00	24.67 1.60 0.00	24.44 1.58 0.00	24.83 1.66 0.00	25.86 1.72 0.00	29.55 2.10 0.00	30.75 2.14 0.00	33.45 2.26 0.00	30.75 2.02 0.00	32.08 1.85 0.00	37.64 2.07 0.00	31.69 1.74 0.00	26.28 1.45 0.00	25.18 1.40 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.66 1.43 0.00	21.44 1.15 0.00	18.38 0.94 0.00	21.60 1.00 0.00	20.45 0.92 0.00	19.99 1.00 0.00	17.37 0.93 0.00	20.02 1.05 0.00	21.73 1.19 0.00	21.75 1.19 0.00	23.06 1.36 0.00	24.57 1.50 0.00	24.35 1.49 0.00	24.75 1.58 0.00	25.78 1.63 0.00	29.50 2.04 0.00	30.72 2.11 0.00	33.50 2.30 0.00	30.85 2.13 0.00	32.21 1.98 0.00	37.76 2.19 0.00	31.74 1.80 0.00	26.31 1.47 0.00	25.17 1.39 0.00
POLETTI____ 23519	25.81 1.58 0.00	21.61 1.32 0.00	18.50 1.07 0.00	21.70 1.10 0.00	20.54 1.01 0.00	20.10 1.11 0.00	17.45 1.01 0.00	20.09 1.13 0.00	21.87 1.32 0.00	21.92 1.36 0.00	23.29 1.59 0.00	24.85 1.78 0.00	24.61 1.75 0.00	25.02 1.85 0.00	26.06 1.91 0.00	29.78 2.33 0.00	30.95 2.34 0.00	33.60 2.40 0.00	30.85 2.12 0.00	32.14 1.91 0.00	37.74 2.17 0.00	31.83 1.88 0.00	26.40 1.56 0.00	25.28 1.51 0.00
POMONA___ESR 323819	25.53 1.31 0.00	21.36 1.07 0.00	18.28 0.85 0.00	21.47 0.87 0.00	20.33 0.79 0.00	19.87 0.89 0.00	17.27 0.83 0.00	19.91 0.95 0.00	21.64 1.10 0.00	21.71 1.14 0.00	23.03 1.33 0.00	24.57 1.50 0.00	24.35 1.49 0.00	24.74 1.57 0.00	25.77 1.63 0.00	29.44 1.99 0.00	30.63 2.01 0.00	33.29 2.09 0.00	30.58 1.85 0.00	31.89 1.65 0.00	37.41 1.84 0.00	31.49 1.55 0.00	26.13 1.30 0.00	25.06 1.28 0.00
PORT_JEFF_3 23555	27.28 1.72 -1.34	43.78 1.56 -21.92	18.62 1.18 0.00	21.80 1.20 0.00	20.50 0.97 0.00	20.02 1.04 0.00	17.48 1.04 0.00	20.21 1.25 0.00	21.94 1.40 0.00	21.92 1.36 0.00	27.38 1.89 -3.79	30.12 2.19 -4.86	31.84 2.16 -6.82	29.79 2.21 -4.41	25.97 1.83 0.00	29.78 2.32 0.00	31.05 2.44 0.00	33.79 2.59 0.00	31.07 2.35 0.00	32.32 2.09 0.00	37.80 2.23 0.00	31.81 1.86 0.00	26.47 1.64 0.00	25.57 1.80 0.00
PORT_JEFF_4 23616	27.28 1.72 -1.34	43.78 1.56 -21.92	18.62 1.18 0.00	21.80 1.20 0.00	20.50 0.97 0.00	20.02 1.04 0.00	17.48 1.04 0.00	20.21 1.25 0.00	21.94 1.40 0.00	21.92 1.36 0.00	27.38 1.89 -3.79	30.12 2.19 -4.86	31.84 2.16 -6.82	29.79 2.21 -4.41	25.97 1.83 0.00	29.78 2.32 0.00	31.05 2.44 0.00	33.79 2.59 0.00	31.07 2.35 0.00	32.32 2.09 0.00	37.80 2.23 0.00	31.81 1.86 0.00	26.47 1.64 0.00	25.57 1.80 0.00

PORT_JEFF_IC 23713	27.31 1.75 -1.34	43.80 1.58 -21.92	18.63 1.19 0.00	21.81 1.21 0.00	20.52 0.98 0.00	20.03 1.05 0.00	17.49 1.05 0.00	20.24 1.28 0.00	21.96 1.42 0.00	21.95 1.38 0.00	27.41 1.92 -3.79	30.14 2.21 -4.85	31.87 2.20 -6.82	29.84 2.27 -4.41	26.02 1.88 0.00	29.79 2.34 0.00	31.02 2.41 0.00	33.76 2.56 0.00	31.04 2.32 0.00	32.27 2.04 0.00	37.72 2.16 0.00	31.75 1.80 0.00	26.42 1.58 0.00	25.59 1.82 0.00
PPL PILGRIM_ST_GT1 24216	27.46 1.90 -1.34	43.92 1.71 -21.92	18.75 1.32 0.00	21.95 1.35 0.00	20.64 1.10 0.00	20.16 1.18 0.00	17.58 1.14 0.00	20.32 1.36 0.00	22.06 1.51 0.00	22.05 1.49 0.00	27.54 2.05 -3.79	30.25 2.32 -4.86	31.95 2.27 -6.82	29.76 2.18 -4.41	25.89 1.75 0.00	29.87 2.41 0.00	31.18 2.57 0.00	34.00 2.78 -0.02	31.23 2.50 0.00	32.49 2.26 0.00	38.03 2.47 0.00	32.03 2.08 0.00	26.64 1.80 0.00	25.70 1.93 0.00
PPL PILGRIM_ST_GT2 24217	27.46 1.90 -1.34	43.92 1.71 -21.92	18.75 1.32 0.00	21.95 1.35 0.00	20.64 1.10 0.00	20.16 1.18 0.00	17.58 1.14 0.00	20.32 1.36 0.00	22.06 1.51 0.00	22.05 1.49 0.00	27.54 2.05 -3.79	30.25 2.32 -4.86	31.95 2.27 -6.82	29.76 2.18 -4.41	25.89 1.75 0.00	29.87 2.41 0.00	31.18 2.57 0.00	34.00 2.78 -0.02	31.23 2.50 0.00	32.49 2.26 0.00	38.03 2.47 0.00	32.03 2.08 0.00	26.64 1.80 0.00	25.70 1.93 0.00
PPL_SHRM_GT3 24213	27.03 1.47 -1.34	43.61 1.40 -21.92	18.45 1.01 0.00	21.61 1.02 0.00	20.34 0.81 0.00	19.83 0.84 0.00	17.38 0.95 0.00	20.12 1.16 0.00	21.81 1.27 0.00	21.59 1.03 0.00	27.08 1.59 -3.79	29.90 1.98 -4.86	31.65 1.97 -6.82	29.62 2.05 -4.41	25.83 1.69 0.00	29.68 2.22 0.00	31.02 2.41 0.00	33.73 2.53 0.00	31.04 2.32 0.00	32.30 2.07 0.00	37.77 2.20 0.00	31.76 1.82 0.00	26.40 1.57 0.00	25.43 1.65 0.00
PPL_SHRM_GT4 24214	27.03 1.47 -1.34	43.61 1.40 -21.92	18.45 1.01 0.00	21.61 1.02 0.00	20.34 0.81 0.00	19.83 0.84 0.00	17.38 0.95 0.00	20.12 1.16 0.00	21.81 1.27 0.00	21.59 1.03 0.00	27.08 1.59 -3.79	29.90 1.98 -4.86	31.65 1.97 -6.82	29.62 2.05 -4.41	25.83 1.69 0.00	29.68 2.22 0.00	31.02 2.41 0.00	33.73 2.53 0.00	31.04 2.32 0.00	32.30 2.07 0.00	37.77 2.20 0.00	31.76 1.82 0.00	26.40 1.57 0.00	25.43 1.65 0.00
PROJECT___ORANGE 1 24174	23.62 -0.61 0.00	19.77 -0.52 0.00	17.00 -0.44 0.00	20.04 -0.56 0.00	19.04 -0.50 0.00	18.59 -0.39 0.00	16.13 -0.32 0.00	18.62 -0.34 0.00	20.17 -0.38 0.00	20.18 -0.38 0.00	21.24 -0.46 0.00	22.56 -0.51 0.00	22.38 -0.49 0.00	22.71 -0.46 0.00	23.72 -0.42 0.00	26.96 -0.50 0.00	28.10 -0.51 0.00	27.74 -0.61 2.85	27.87 -0.55 0.31	29.68 -0.55 0.00	34.75 -0.82 0.00	29.17 -0.78 0.00	24.18 -0.66 0.00	23.11 -0.66 0.00
PROJECT___ORANGE 2 24166	23.62 -0.61 0.00	19.77 -0.52 0.00	17.00 -0.44 0.00	20.04 -0.56 0.00	19.04 -0.50 0.00	18.59 -0.39 0.00	16.13 -0.32 0.00	18.62 -0.34 0.00	20.17 -0.38 0.00	20.18 -0.38 0.00	21.24 -0.46 0.00	22.56 -0.51 0.00	22.38 -0.49 0.00	22.71 -0.46 0.00	23.72 -0.42 0.00	26.96 -0.50 0.00	28.10 -0.51 0.00	27.74 -0.61 2.85	27.87 -0.55 0.31	29.68 -0.55 0.00	34.75 -0.82 0.00	29.17 -0.78 0.00	24.18 -0.66 0.00	23.11 -0.66 0.00
PUCKETT___SOLAR 323809	24.00 -0.22 0.00	20.07 -0.22 0.00	17.26 -0.18 0.00	20.38 -0.21 0.00	19.37 -0.17 0.00	18.92 -0.06 0.00	16.39 -0.05 0.00	18.99 0.02 0.00	20.49 -0.05 0.00	20.48 -0.08 0.00	21.93 0.23 0.00	23.92 0.85 0.00	23.71 0.85 0.00	24.21 1.04 0.00	25.24 1.09 0.00	28.92 1.46 0.00	30.18 1.57 0.00	33.10 1.90 0.00	30.91 2.18 0.00	32.78 2.55 0.00	37.52 1.96 0.00	30.25 0.30 0.00	25.03 0.20 0.00	23.93 0.15 0.00
PYRITES___HYD 24023	23.97 -0.25 0.00	19.99 -0.30 0.00	17.15 -0.28 0.00	20.30 -0.30 0.00	19.28 -0.26 0.00	18.68 -0.31 0.00	16.14 -0.31 0.00	18.57 -0.40 0.00	20.00 -0.54 0.00	20.07 -0.49 0.00	21.19 -0.50 0.00	22.49 -0.58 0.00	22.29 -0.57 0.00	22.51 -0.66 0.00	23.39 -0.75 0.00	26.48 -0.97 0.00	27.75 -0.86 0.00	-66.86 -1.23 96.84	17.21 -1.02 10.49	29.90 -0.33 0.00	35.50 -0.06 0.00	29.97 0.03 0.00	24.77 -0.07 0.00	23.64 -0.14 0.00
QUAKERRD_115KV_BK1 80622	23.07 -1.15 0.00	19.30 -0.99 0.00	16.58 -0.85 0.00	19.51 -1.09 0.00	18.55 -0.99 0.00	18.10 -0.88 0.00	15.67 -0.77 0.00	18.20 -0.77 0.00	19.68 -0.86 0.00	19.76 -0.81 0.00	20.91 -0.79 0.00	22.21 -0.86 0.00	21.99 -0.87 0.00	22.32 -0.85 0.00	23.31 -0.83 0.00	26.42 -1.03 0.00	27.42 -1.20 0.00	28.30 -1.25 1.65	27.34 -1.21 0.18	29.06 -1.17 0.00	33.94 -1.62 0.00	28.55 -1.39 0.00	23.78 -1.06 0.00	22.73 -1.04 0.00
QUENSBRY_115KV_TB8 356137	25.77 1.55 0.00	21.43 1.13 0.00	18.41 0.98 0.00	21.72 1.13 0.00	20.62 1.08 0.00	20.12 1.13 0.00	17.58 1.14 0.00	20.26 1.29 0.00	21.85 1.31 0.00	21.63 1.07 0.00	22.61 0.91 0.00	24.00 0.93 0.00	23.79 0.93 0.00	24.10 0.94 0.00	25.20 1.05 0.00	28.90 1.45 0.00	30.10 1.48 0.00	33.35 2.15 0.00	31.02 2.29 0.00	32.49 2.26 0.00	38.32 2.76 0.00	32.13 2.19 0.00	26.69 1.85 0.00	25.44 1.66 0.00
RAMAPO___LBMP 323565	25.44 1.21 0.00	21.28 0.98 0.00	18.21 0.77 0.00	21.39 0.80 0.00	20.25 0.72 0.00	19.80 0.82 0.00	17.21 0.76 0.00	19.84 0.87 0.00	21.56 1.01 0.00	21.61 1.05 0.00	22.92 1.22 0.00	24.45 1.38 0.00	24.22 1.36 0.00	24.60 1.43 0.00	25.65 1.50 0.00	29.30 1.84 0.00	30.47 1.85 0.00	33.12 1.91 0.00	30.42 1.69 0.00	31.74 1.51 0.00	37.24 1.67 0.00	31.36 1.41 0.00	26.02 1.18 0.00	24.95 1.17 0.00
RANKINE___ 23646	23.32 -0.91 0.00	19.47 -0.83 0.00	16.76 -0.67 0.00	19.68 -0.92 0.00	18.75 -0.78 0.00	18.34 -0.64 0.00	15.83 -0.61 0.00	18.55 -0.41 0.00	20.07 -0.48 0.00	20.23 -0.33 0.00	21.48 -0.21 0.00	22.80 -0.27 0.00	22.59 -0.26 0.00	22.88 -0.28 0.00	24.00 -0.14 0.00	27.03 -0.43 0.00	27.69 -0.92 0.00	30.23 -0.97 0.00	27.63 -1.09 0.00	29.16 -1.07 0.00	34.02 -1.54 0.00	28.75 -1.20 0.00	24.11 -0.72 0.00	23.12 -0.66 0.00
RAVENSWOOD_GT2_1 24244	25.83 1.60 0.00	21.62 1.33 0.00	18.51 1.08 0.00	21.70 1.11 0.00	20.56 1.02 0.00	20.10 1.12 0.00	17.47 1.03 0.00	20.12 1.15 0.00	21.89 1.35 0.00	21.95 1.39 0.00	23.31 1.62 0.00	24.87 1.80 0.00	24.63 1.77 0.00	25.03 1.87 0.00	26.07 1.93 0.00	29.79 2.34 0.00	30.96 2.35 0.00	33.61 2.41 0.00	30.86 2.13 0.00	32.15 1.92 0.00	37.77 2.21 0.00	31.85 1.91 0.00	26.42 1.58 0.00	25.31 1.53 0.00
RAVENSWOOD_GT2_2 24245	25.83 1.60 0.00	21.62 1.33 0.00	18.51 1.08 0.00	21.70 1.11 0.00	20.56 1.02 0.00	20.10 1.12 0.00	17.47 1.03 0.00	20.12 1.15 0.00	21.89 1.35 0.00	21.95 1.39 0.00	23.31 1.62 0.00	24.87 1.80 0.00	24.63 1.77 0.00	25.03 1.87 0.00	26.07 1.93 0.00	29.79 2.34 0.00	30.96 2.35 0.00	33.61 2.41 0.00	30.86 2.13 0.00	32.15 1.92 0.00	37.77 2.21 0.00	31.85 1.91 0.00	26.42 1.58 0.00	25.31 1.53 0.00

RAVENSWOOD_GT2_3 24246	25.85 1.62 0.00	21.63 1.34 0.00	18.52 1.09 0.00	21.72 1.12 0.00	20.57 1.03 0.00	20.11 1.13 0.00	17.47 1.03 0.00	20.13 1.16 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.33 1.63 0.00	24.89 1.82 0.00	24.64 1.78 0.00	25.05 1.88 0.00	26.09 1.95 0.00	29.82 2.37 0.00	30.98 2.36 0.00	33.63 2.43 0.00	30.87 2.15 0.00	32.17 1.94 0.00	37.79 2.23 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.32 1.55 0.00
RAVENSWOOD_GT2_4 24247	25.85 1.62 0.00	21.63 1.34 0.00	18.52 1.09 0.00	21.72 1.12 0.00	20.57 1.03 0.00	20.11 1.13 0.00	17.47 1.03 0.00	20.13 1.16 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.33 1.63 0.00	24.89 1.82 0.00	24.64 1.78 0.00	25.05 1.88 0.00	26.09 1.95 0.00	29.82 2.37 0.00	30.98 2.36 0.00	33.63 2.43 0.00	30.87 2.15 0.00	32.17 1.94 0.00	37.79 2.23 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.32 1.55 0.00
RAVENSWOOD_GT3_1 24248	25.83 1.60 0.00	21.62 1.33 0.00	18.51 1.08 0.00	21.70 1.11 0.00	20.56 1.02 0.00	20.10 1.12 0.00	17.47 1.03 0.00	20.12 1.15 0.00	21.89 1.35 0.00	21.95 1.39 0.00	23.31 1.62 0.00	24.87 1.80 0.00	24.63 1.77 0.00	25.03 1.87 0.00	26.07 1.93 0.00	29.79 2.34 0.00	30.96 2.35 0.00	33.61 2.41 0.00	30.86 2.13 0.00	32.15 1.92 0.00	37.77 2.21 0.00	31.86 1.91 0.00	26.42 1.58 0.00	25.31 1.53 0.00
RAVENSWOOD_GT3_2 24249	25.83 1.60 0.00	21.62 1.33 0.00	18.51 1.08 0.00	21.70 1.11 0.00	20.56 1.02 0.00	20.10 1.12 0.00	17.47 1.03 0.00	20.12 1.15 0.00	21.89 1.35 0.00	21.95 1.39 0.00	23.31 1.62 0.00	24.87 1.80 0.00	24.63 1.77 0.00	25.03 1.87 0.00	26.07 1.93 0.00	29.79 2.34 0.00	30.96 2.35 0.00	33.61 2.41 0.00	30.86 2.13 0.00	32.15 1.92 0.00	37.77 2.21 0.00	31.86 1.91 0.00	26.42 1.58 0.00	25.31 1.53 0.00
RAVENSWOOD_GT3_3 24250	25.87 1.65 0.00	21.66 1.37 0.00	18.54 1.11 0.00	21.74 1.15 0.00	20.59 1.05 0.00	20.14 1.15 0.00	17.49 1.05 0.00	20.15 1.19 0.00	21.93 1.38 0.00	21.99 1.43 0.00	23.36 1.66 0.00	24.92 1.85 0.00	24.68 1.82 0.00	25.08 1.91 0.00	26.13 1.98 0.00	29.85 2.40 0.00	31.02 2.41 0.00	33.68 2.48 0.00	30.92 2.20 0.00	32.22 1.99 0.00	37.84 2.28 0.00	31.91 1.97 0.00	26.47 1.63 0.00	25.35 1.58 0.00
RAVENSWOOD_GT3_4 24251	25.87 1.65 0.00	21.66 1.37 0.00	18.54 1.11 0.00	21.74 1.15 0.00	20.59 1.05 0.00	20.14 1.15 0.00	17.49 1.05 0.00	20.15 1.19 0.00	21.93 1.38 0.00	21.99 1.43 0.00	23.36 1.66 0.00	24.92 1.85 0.00	24.68 1.82 0.00	25.08 1.91 0.00	26.13 1.98 0.00	29.85 2.40 0.00	31.02 2.41 0.00	33.68 2.48 0.00	30.92 2.20 0.00	32.22 1.99 0.00	37.84 2.28 0.00	31.91 1.97 0.00	26.47 1.63 0.00	25.35 1.58 0.00
RAVENSWOOD_GT_1 23729	25.90 1.67 0.00	21.68 1.39 0.00	18.56 1.12 0.00	21.74 1.14 0.00	20.60 1.07 0.00	20.15 1.17 0.00	17.53 1.09 0.00	20.17 1.20 0.00	21.97 1.42 0.00	22.04 1.47 0.00	23.41 1.71 0.00	24.96 1.89 0.00	24.74 1.87 0.00	25.14 1.97 0.00	26.19 2.04 0.00	31.51 2.47 -1.59	34.10 2.46 -3.02	33.70 2.50 0.00	30.92 2.20 0.00	32.23 2.00 0.00	37.87 2.31 0.00	33.28 2.01 -1.32	26.50 1.66 0.00	27.92 1.60 -2.55
RAVENSWOOD_GT_10 24258	25.83 1.60 0.00	21.62 1.33 0.00	18.51 1.08 0.00	21.70 1.11 0.00	20.56 1.02 0.00	20.10 1.12 0.00	17.47 1.03 0.00	20.12 1.15 0.00	21.89 1.35 0.00	21.95 1.39 0.00	23.31 1.62 0.00	24.87 1.80 0.00	24.63 1.77 0.00	25.03 1.86 0.00	26.07 1.93 0.00	29.98 2.34 -0.18	31.30 2.34 -0.35	33.61 2.41 0.00	30.86 2.13 0.00	32.15 1.92 0.00	37.77 2.21 0.00	32.01 1.91 -0.15	26.42 1.58 0.00	25.60 1.53 -0.29
RAVENSWOOD_GT_11 24259	25.83 1.60 0.00	21.62 1.33 0.00	18.51 1.08 0.00	21.70 1.11 0.00	20.56 1.02 0.00	20.10 1.12 0.00	17.47 1.03 0.00	20.12 1.15 0.00	21.89 1.35 0.00	21.95 1.39 0.00	23.31 1.62 0.00	24.87 1.80 0.00	24.63 1.77 0.00	25.03 1.86 0.00	26.07 1.93 0.00	29.98 2.34 -0.18	31.30 2.34 -0.35	33.61 2.41 0.00	30.86 2.13 0.00	32.15 1.92 0.00	37.77 2.21 0.00	32.01 1.91 -0.15	26.42 1.58 0.00	25.60 1.53 -0.29
RAVENSWOOD_GT_4 24252	25.83 1.61 0.00	21.62 1.33 0.00	18.51 1.07 0.00	21.71 1.12 0.00	20.56 1.02 0.00	20.11 1.12 0.00	17.46 1.02 0.00	20.12 1.15 0.00	21.88 1.34 0.00	21.95 1.39 0.00	23.31 1.61 0.00	24.87 1.80 0.00	24.63 1.77 0.00	25.03 1.86 0.00	26.07 1.93 0.00	31.00 2.34 -1.21	33.26 2.35 -2.30	33.62 2.42 0.00	30.86 2.13 0.00	32.16 1.93 0.00	37.77 2.20 0.00	32.87 1.92 -1.01	26.43 1.59 0.00	27.25 1.54 -1.94
RAVENSWOOD_GT_5 24254	25.83 1.61 0.00	21.62 1.33 0.00	18.51 1.07 0.00	21.71 1.12 0.00	20.56 1.02 0.00	20.11 1.12 0.00	17.46 1.02 0.00	20.12 1.15 0.00	21.88 1.34 0.00	21.95 1.39 0.00	23.31 1.61 0.00	24.87 1.80 0.00	24.63 1.77 0.00	25.03 1.86 0.00	26.07 1.93 0.00	31.00 2.34 -1.21	33.26 2.35 -2.30	33.62 2.42 0.00	30.86 2.13 0.00	32.16 1.93 0.00	37.77 2.20 0.00	32.87 1.92 -1.01	26.43 1.59 0.00	27.25 1.54 -1.94
RAVENSWOOD_GT_6 24253	25.83 1.61 0.00	21.62 1.33 0.00	18.51 1.07 0.00	21.71 1.12 0.00	20.56 1.02 0.00	20.11 1.12 0.00	17.46 1.02 0.00	20.12 1.15 0.00	21.88 1.34 0.00	21.95 1.39 0.00	23.31 1.61 0.00	24.87 1.80 0.00	24.63 1.77 0.00	25.03 1.86 0.00	26.07 1.93 0.00	31.00 2.34 -1.21	33.26 2.35 -2.30	33.62 2.42 0.00	30.86 2.13 0.00	32.16 1.93 0.00	37.77 2.20 0.00	32.87 1.92 -1.01	26.43 1.59 0.00	27.25 1.54 -1.94
RAVENSWOOD_GT_7 24255	25.83 1.61 0.00	21.62 1.33 0.00	18.51 1.07 0.00	21.71 1.12 0.00	20.56 1.02 0.00	20.11 1.12 0.00	17.46 1.02 0.00	20.12 1.15 0.00	21.88 1.34 0.00	21.95 1.39 0.00	23.31 1.61 0.00	24.87 1.80 0.00	24.63 1.77 0.00	25.03 1.86 0.00	26.07 1.93 0.00	31.00 2.34 -1.21	33.26 2.35 -2.30	33.62 2.42 0.00	30.86 2.13 0.00	32.16 1.93 0.00	37.77 2.20 0.00	32.87 1.92 -1.01	26.43 1.59 0.00	27.25 1.54 -1.94
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.83 1.60 0.00	21.62 1.33 0.00	18.51 1.08 0.00	21.70 1.11 0.00	20.56 1.02 0.00	20.10 1.12 0.00	17.47 1.03 0.00	20.12 1.15 0.00	21.89 1.35 0.00	21.95 1.39 0.00	23.31 1.62 0.00	24.87 1.80 0.00	24.63 1.77 0.00	25.03 1.86 0.00	26.07 1.93 0.00	29.98 2.34 -0.18	31.30 2.34 -0.35	33.61 2.41 0.00	30.86 2.13 0.00	32.15 1.92 0.00	37.77 2.21 0.00	32.01 1.91 -0.15	26.42 1.58 0.00	25.60 1.53 -0.29
RAVENSWOOD_GT_9 24257	25.83 1.60 0.00	21.62 1.33 0.00	18.51 1.08 0.00	21.70 1.11 0.00	20.56 1.02 0.00	20.10 1.12 0.00	17.47 1.03 0.00	20.12 1.15 0.00	21.89 1.35 0.00	21.95 1.39 0.00	23.31 1.62 0.00	24.87 1.80 0.00	24.63 1.77 0.00	25.03 1.86 0.00	26.07 1.93 0.00	29.98 2.34 -0.18	31.30 2.34 -0.35	33.61 2.41 0.00	30.86 2.13 0.00	32.15 1.92 0.00	37.77 2.21 0.00	32.01 1.91 -0.15	26.42 1.58 0.00	25.60 1.53 -0.29

RAVENSWOOD___1 23533	25.85 1.62 0.00	21.64 1.35 0.00	18.53 1.10 0.00	21.70 1.10 0.00	20.56 1.03 0.00	20.12 1.13 0.00	17.50 1.06 0.00	20.13 1.17 0.00	21.92 1.37 0.00	21.98 1.42 0.00	23.36 1.66 0.00	24.91 1.84 0.00	24.68 1.81 0.00	25.08 1.91 0.00	26.12 1.98 0.00	28.28 2.39 1.56	28.02 2.39 2.98	33.62 2.42 0.00	30.87 2.14 0.00	32.17 1.94 0.00	37.81 2.24 0.00	30.59 1.95 1.30	26.44 1.60 0.00	22.82 1.55 2.51
RAVENSWOOD___2 23534	25.82 1.60 0.00	21.61 1.32 0.00	18.51 1.07 0.00	21.67 1.08 0.00	20.54 1.01 0.00	20.08 1.10 0.00	17.48 1.04 0.00	20.10 1.14 0.00	21.90 1.35 0.00	21.96 1.40 0.00	23.33 1.63 0.00	24.87 1.81 0.00	24.65 1.79 0.00	25.05 1.88 0.00	26.10 1.96 0.00	29.81 2.36 0.00	30.94 2.32 0.00	33.51 2.31 0.00	30.77 2.05 0.00	32.05 1.82 0.00	37.76 2.19 0.00	31.85 1.91 0.00	26.41 1.57 0.00	25.29 1.52 0.00
RAVENSWOOD___3 23535	25.83 1.61 0.00	21.62 1.33 0.00	18.51 1.08 0.00	21.71 1.11 0.00	20.56 1.02 0.00	20.10 1.12 0.00	17.47 1.03 0.00	20.12 1.15 0.00	21.89 1.35 0.00	21.95 1.39 0.00	23.31 1.62 0.00	24.87 1.80 0.00	24.63 1.77 0.00	25.03 1.87 0.00	26.08 1.94 0.00	29.80 2.34 0.00	30.96 2.35 0.00	33.61 2.41 0.00	30.86 2.13 0.00	32.15 1.92 0.00	37.78 2.21 0.00	31.86 1.92 0.00	26.43 1.59 0.00	25.31 1.53 0.00
RAVENSWOOD___4 23820	25.85 1.62 0.00	21.64 1.35 0.00	18.53 1.10 0.00	21.70 1.10 0.00	20.56 1.03 0.00	20.12 1.13 0.00	17.50 1.06 0.00	20.13 1.17 0.00	21.92 1.37 0.00	21.98 1.42 0.00	23.36 1.66 0.00	24.91 1.84 0.00	24.68 1.81 0.00	25.08 1.91 0.00	26.12 1.98 0.00	28.28 2.39 1.56	28.02 2.39 2.98	33.62 2.42 0.00	30.87 2.14 0.00	32.17 1.94 0.00	37.81 2.24 0.00	30.59 1.95 1.30	26.44 1.60 0.00	22.82 1.55 2.51
RCPL_TRUST___DRP 24196	25.83 1.60 0.00	21.62 1.33 0.00	18.51 1.07 0.00	21.71 1.11 0.00	20.56 1.02 0.00	20.11 1.13 0.00	17.47 1.03 0.00	20.13 1.17 0.00	21.90 1.36 0.00	21.96 1.40 0.00	23.34 1.64 0.00	24.90 1.83 0.00	24.66 1.80 0.00	25.06 1.89 0.00	26.11 1.96 0.00	29.84 2.38 0.00	31.02 2.41 0.00	33.67 2.47 0.00	30.90 2.18 0.00	32.19 1.96 0.00	37.80 2.24 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.32 1.55 0.00
RED___ROCHESTER 323720	23.66 -0.56 0.00	19.78 -0.51 0.00	17.00 -0.44 0.00	19.97 -0.62 0.00	19.00 -0.54 0.00	18.55 -0.44 0.00	16.03 -0.41 0.00	18.67 -0.29 0.00	20.17 -0.37 0.00	20.27 -0.29 0.00	21.49 -0.21 0.00	22.85 -0.22 0.00	22.62 -0.24 0.00	22.97 -0.20 0.00	24.00 -0.14 0.00	27.20 -0.26 0.00	28.18 -0.43 0.00	29.19 -0.39 1.61	28.12 -0.43 0.17	29.89 -0.34 0.00	34.85 -0.71 0.00	29.35 -0.60 0.00	24.45 -0.39 0.00	23.36 -0.42 0.00
REGAN___SOLAR 323812	26.34 2.11 0.00	21.91 1.61 0.00	18.83 1.40 0.00	22.24 1.64 0.00	21.09 1.55 0.00	20.56 1.58 0.00	17.67 1.23 0.00	19.69 0.73 0.00	20.47 -0.07 0.00	20.29 -0.27 0.00	21.17 -0.52 0.00	22.34 -0.73 0.00	22.50 -0.36 0.00	22.24 -0.93 0.00	23.74 -0.40 0.00	27.36 -0.09 0.00	28.69 0.08 0.00	31.90 0.70 0.00	31.63 2.90 0.00	33.64 3.41 0.00	39.57 4.01 0.00	33.20 3.25 0.00	27.40 2.56 0.00	26.15 2.37 0.00
RENSSELAER___COGEN 23796	24.73 0.50 0.00	20.89 0.60 0.00	17.97 0.53 0.00	21.16 0.56 0.00	20.07 0.53 0.00	19.55 0.56 0.00	16.93 0.49 0.00	19.39 0.43 0.00	20.98 0.44 0.00	20.92 0.36 0.00	22.08 0.39 0.00	23.46 0.40 0.00	23.21 0.36 0.00	23.55 0.38 0.00	24.54 0.40 0.00	27.95 0.49 0.00	29.12 0.51 0.00	31.91 0.71 0.00	29.43 0.71 0.00	30.93 0.70 0.00	36.31 0.74 0.00	30.52 0.57 0.00	25.32 0.48 0.00	24.25 0.48 0.00
REPUBLIC_115KV_BARTNBRK 55605	27.29 3.06 0.00	22.42 2.13 0.00	19.26 1.83 0.00	22.73 2.14 0.00	21.62 2.08 0.00	21.13 2.14 0.00	18.66 2.22 0.00	21.55 2.59 0.00	23.09 2.55 0.00	22.66 2.09 0.00	23.63 1.93 0.00	25.04 1.97 0.00	24.83 1.97 0.00	25.28 2.11 0.00	26.50 2.35 0.00	30.73 3.27 0.00	31.76 3.15 0.00	35.64 4.44 0.00	33.01 4.28 0.00	34.27 4.04 0.00	40.43 4.86 0.00	33.91 3.97 0.00	28.37 3.53 0.00	26.95 3.17 0.00
REVERE_CPPR_DRP 24186	24.72 0.50 0.00	20.60 0.31 0.00	17.70 0.27 0.00	20.88 0.29 0.00	19.84 0.31 0.00	19.42 0.43 0.00	16.84 0.40 0.00	19.44 0.48 0.00	20.97 0.43 0.00	20.96 0.40 0.00	22.08 0.38 0.00	23.46 0.39 0.00	23.28 0.42 0.00	23.64 0.47 0.00	24.67 0.52 0.00	28.03 0.58 0.00	29.24 0.63 0.00	23.98 0.79 8.00	28.71 0.85 0.87	31.26 1.03 0.00	36.70 1.13 0.00	30.84 0.89 0.00	25.49 0.66 0.00	24.27 0.50 0.00
REYNOLDS_115KV_TB3 80639	24.93 0.71 0.00	21.00 0.70 0.00	18.06 0.63 0.00	21.28 0.68 0.00	20.18 0.65 0.00	19.66 0.67 0.00	17.03 0.59 0.00	19.55 0.58 0.00	21.15 0.61 0.00	21.07 0.51 0.00	22.24 0.54 0.00	23.63 0.56 0.00	23.39 0.53 0.00	23.73 0.56 0.00	24.71 0.56 0.00	28.13 0.67 0.00	29.30 0.69 0.00	32.13 0.93 0.00	29.65 0.92 0.00	31.16 0.93 0.00	36.58 1.02 0.00	30.75 0.81 0.00	25.52 0.68 0.00	24.48 0.70 0.00
RIVERBAY____ 323610	25.98 1.75 0.00	21.72 1.43 0.00	18.58 1.15 0.00	21.76 1.17 0.00	20.64 1.10 0.00	20.17 1.18 0.00	17.51 1.07 0.00	20.15 1.18 0.00	21.93 1.38 0.00	21.95 1.38 0.00	23.33 1.64 0.00	24.87 1.80 0.00	24.67 1.81 0.00	25.05 1.88 0.00	26.08 1.94 0.00	29.78 2.32 0.00	30.94 2.33 0.00	33.67 2.47 0.00	30.92 2.19 0.00	32.23 2.00 0.00	37.81 2.24 0.00	31.95 2.01 0.00	26.44 1.60 0.00	25.35 1.57 0.00
RIVERSDE_115KV_TB3 55908	24.81 0.59 0.00	20.95 0.66 0.00	18.02 0.59 0.00	21.22 0.63 0.00	20.13 0.59 0.00	19.61 0.63 0.00	16.98 0.54 0.00	19.47 0.50 0.00	21.07 0.52 0.00	21.01 0.45 0.00	22.18 0.48 0.00	23.57 0.50 0.00	23.32 0.46 0.00	23.66 0.49 0.00	24.65 0.50 0.00	28.07 0.62 0.00	29.25 0.64 0.00	32.06 0.85 0.00	29.56 0.84 0.00	31.06 0.83 0.00	36.46 0.89 0.00	30.65 0.70 0.00	25.42 0.58 0.00	24.35 0.57 0.00
ROARING___BROOK_WT_PWR 323790	23.74 -0.49 0.00	19.76 -0.53 0.00	16.99 -0.45 0.00	20.04 -0.56 0.00	19.11 -0.42 0.00	18.58 -0.40 0.00	16.10 -0.35 0.00	18.62 -0.34 0.00	20.24 -0.30 0.00	20.31 -0.25 0.00	21.44 -0.25 0.00	22.78 -0.28 0.00	22.57 -0.29 0.00	22.80 -0.36 0.00	23.74 -0.40 0.00	26.94 -0.51 0.00	28.15 -0.46 0.00	35.10 -0.56 -4.45	28.64 -0.57 -0.48	29.71 -0.52 0.00	34.94 -0.63 0.00	29.37 -0.57 0.00	24.36 -0.48 0.00	23.30 -0.47 0.00
ROCHESRG_115KV_T4 355643	23.39 -0.83 0.00	19.56 -0.73 0.00	16.82 -0.61 0.00	19.77 -0.82 0.00	18.81 -0.73 0.00	18.36 -0.63 0.00	15.87 -0.57 0.00	18.46 -0.50 0.00	19.96 -0.59 0.00	20.05 -0.51 0.00	21.24 -0.46 0.00	22.56 -0.51 0.00	22.33 -0.53 0.00	22.65 -0.51 0.00	23.68 -0.46 0.00	26.81 -0.64 0.00	27.76 -0.85 0.00	28.73 -0.87 1.61	27.66 -0.89 0.17	29.40 -0.83 0.00	34.33 -1.23 0.00	28.92 -1.02 0.00	24.13 -0.71 0.00	23.08 -0.70 0.00

ROCHESTER_9_IC 23652	23.54 -0.69 0.00	19.68 -0.61 0.00	16.91 -0.52 0.00	19.88 -0.72 0.00	18.91 -0.63 0.00	18.46 -0.52 0.00	15.96 -0.48 0.00	18.57 -0.40 0.00	20.07 -0.47 0.00	20.17 -0.39 0.00	21.38 -0.32 0.00	22.71 -0.35 0.00	22.49 -0.37 0.00	22.82 -0.35 0.00	23.85 -0.29 0.00	27.01 -0.44 0.00	27.98 -0.63 0.00	28.96 -0.63 1.61	27.90 -0.66 0.17	29.65 -0.58 0.00	34.62 -0.95 0.00	29.14 -0.80 0.00	24.29 -0.54 0.00	23.23 -0.55 0.00
ROCKVIEW_13_KV_LD 356306	25.81 1.58 0.00	21.60 1.31 0.00	18.49 1.06 0.00	21.69 1.09 0.00	20.54 1.00 0.00	20.08 1.10 0.00	17.47 1.02 0.00	20.12 1.15 0.00	21.87 1.33 0.00	21.92 1.36 0.00	23.28 1.58 0.00	24.86 1.79 0.00	24.62 1.76 0.00	25.02 1.85 0.00	26.06 1.91 0.00	29.76 2.31 0.00	30.97 2.35 0.00	33.67 2.47 0.00	30.94 2.21 0.00	32.24 2.01 0.00	37.82 2.25 0.00	31.87 1.93 0.00	26.44 1.60 0.00	25.35 1.57 0.00
ROME____115KV_TB2 80656	24.72 0.50 0.00	20.60 0.31 0.00	17.70 0.27 0.00	20.88 0.29 0.00	19.84 0.31 0.00	19.42 0.43 0.00	16.84 0.40 0.00	19.44 0.48 0.00	20.97 0.43 0.00	20.96 0.40 0.00	22.08 0.38 0.00	23.46 0.39 0.00	23.28 0.42 0.00	23.64 0.47 0.00	24.67 0.52 0.00	28.03 0.58 0.00	29.24 0.63 0.00	23.98 0.79 8.00	28.71 0.85 0.87	31.26 1.03 0.00	36.70 1.13 0.00	30.84 0.89 0.00	25.49 0.66 0.00	24.27 0.50 0.00
ROSETON____1 23587	25.40 1.17 0.00	21.26 0.96 0.00	18.22 0.78 0.00	21.41 0.81 0.00	20.28 0.75 0.00	19.81 0.83 0.00	17.21 0.77 0.00	19.82 0.85 0.00	21.52 0.98 0.00	21.55 0.99 0.00	22.84 1.14 0.00	24.34 1.28 0.00	24.12 1.25 0.00	24.50 1.33 0.00	25.50 1.36 0.00	29.14 1.69 0.00	30.32 1.71 0.00	33.03 1.83 0.00	30.37 1.65 0.00	31.72 1.49 0.00	37.23 1.66 0.00	31.34 1.40 0.00	25.99 1.16 0.00	24.91 1.14 0.00
ROSETON____2 23588	25.40 1.17 0.00	21.26 0.96 0.00	18.22 0.78 0.00	21.41 0.81 0.00	20.28 0.75 0.00	19.81 0.83 0.00	17.21 0.77 0.00	19.82 0.85 0.00	21.52 0.98 0.00	21.55 0.99 0.00	22.84 1.14 0.00	24.34 1.28 0.00	24.12 1.25 0.00	24.50 1.33 0.00	25.50 1.36 0.00	29.14 1.69 0.00	30.32 1.71 0.00	33.03 1.83 0.00	30.37 1.65 0.00	31.72 1.49 0.00	37.23 1.66 0.00	31.34 1.40 0.00	25.99 1.16 0.00	24.91 1.14 0.00
ROTTDAM_115KV_TB3 80664	24.89 0.66 0.00	20.84 0.55 0.00	17.91 0.48 0.00	21.13 0.53 0.00	20.03 0.49 0.00	19.51 0.53 0.00	16.92 0.48 0.00	19.47 0.50 0.00	21.05 0.50 0.00	21.00 0.44 0.00	22.15 0.45 0.00	23.54 0.48 0.00	23.34 0.48 0.00	23.68 0.51 0.00	24.69 0.55 0.00	28.15 0.70 0.00	29.36 0.74 0.00	32.11 0.91 0.00	29.64 0.92 0.00	31.15 0.92 0.00	36.62 1.05 0.00	30.81 0.86 0.00	25.55 0.71 0.00	24.46 0.68 0.00
RUSSELL____1 23602	23.66 -0.57 0.00	19.78 -0.51 0.00	17.00 -0.44 0.00	19.98 -0.62 0.00	18.99 -0.54 0.00	18.55 -0.44 0.00	16.03 -0.41 0.00	18.65 -0.31 0.00	20.17 -0.37 0.00	20.27 -0.29 0.00	21.49 -0.21 0.00	22.85 -0.22 0.00	22.61 -0.25 0.00	22.97 -0.20 0.00	24.00 -0.14 0.00	27.20 -0.26 0.00	28.18 -0.43 0.00	29.19 -0.39 1.61	28.11 -0.44 0.17	29.88 -0.35 0.00	34.87 -0.70 0.00	29.34 -0.60 0.00	24.45 -0.39 0.00	23.36 -0.42 0.00
RUSSELL____2 23532	23.66 -0.57 0.00	19.78 -0.51 0.00	17.00 -0.44 0.00	19.98 -0.62 0.00	18.99 -0.54 0.00	18.55 -0.44 0.00	16.03 -0.41 0.00	18.65 -0.31 0.00	20.17 -0.37 0.00	20.27 -0.29 0.00	21.49 -0.21 0.00	22.85 -0.22 0.00	22.61 -0.25 0.00	22.97 -0.20 0.00	24.00 -0.14 0.00	27.20 -0.26 0.00	28.18 -0.43 0.00	29.19 -0.39 1.61	28.11 -0.44 0.17	29.88 -0.35 0.00	34.87 -0.70 0.00	29.34 -0.60 0.00	24.45 -0.39 0.00	23.36 -0.42 0.00
RUSSELL____3 23549	23.66 -0.57 0.00	19.78 -0.51 0.00	17.00 -0.44 0.00	19.98 -0.62 0.00	18.99 -0.54 0.00	18.55 -0.44 0.00	16.03 -0.41 0.00	18.65 -0.31 0.00	20.17 -0.37 0.00	20.27 -0.29 0.00	21.49 -0.21 0.00	22.85 -0.22 0.00	22.61 -0.25 0.00	22.97 -0.20 0.00	24.00 -0.14 0.00	27.20 -0.26 0.00	28.18 -0.43 0.00	29.19 -0.39 1.61	28.11 -0.44 0.17	29.88 -0.35 0.00	34.87 -0.70 0.00	29.34 -0.60 0.00	24.45 -0.39 0.00	23.36 -0.42 0.00
RUSSELL____4 23556	23.66 -0.57 0.00	19.78 -0.51 0.00	17.00 -0.44 0.00	19.98 -0.62 0.00	18.99 -0.54 0.00	18.55 -0.44 0.00	16.03 -0.41 0.00	18.65 -0.31 0.00	20.17 -0.37 0.00	20.27 -0.29 0.00	21.49 -0.21 0.00	22.85 -0.22 0.00	22.61 -0.25 0.00	22.97 -0.20 0.00	24.00 -0.14 0.00	27.20 -0.26 0.00	28.18 -0.43 0.00	29.19 -0.39 1.61	28.11 -0.44 0.17	29.88 -0.35 0.00	34.87 -0.70 0.00	29.34 -0.60 0.00	24.45 -0.39 0.00	23.36 -0.42 0.00
RUSSELL____STATION 23914	23.66 -0.57 0.00	19.78 -0.51 0.00	17.00 -0.44 0.00	19.98 -0.62 0.00	18.99 -0.54 0.00	18.55 -0.44 0.00	16.03 -0.41 0.00	18.65 -0.31 0.00	20.17 -0.37 0.00	20.27 -0.29 0.00	21.49 -0.21 0.00	22.85 -0.22 0.00	22.61 -0.25 0.00	22.97 -0.20 0.00	24.00 -0.14 0.00	27.20 -0.26 0.00	28.18 -0.43 0.00	29.19 -0.39 1.61	28.11 -0.44 0.17	29.88 -0.35 0.00	34.87 -0.70 0.00	29.34 -0.60 0.00	24.45 -0.39 0.00	23.36 -0.42 0.00
S SALMON____HYD 24043	23.35 -0.87 0.00	19.45 -0.84 0.00	16.72 -0.71 0.00	19.74 -0.86 0.00	18.78 -0.75 0.00	18.36 -0.62 0.00	15.92 -0.52 0.00	18.43 -0.54 0.00	19.91 -0.64 0.00	19.88 -0.69 0.00	20.90 -0.80 0.00	22.15 -0.92 0.00	21.99 -0.87 0.00	22.31 -0.85 0.00	23.25 -0.89 0.00	26.44 -1.01 0.00	27.54 -1.07 0.00	20.09 -1.06 10.05	26.76 -0.88 1.09	29.42 -0.81 0.00	34.49 -1.07 0.00	28.95 -1.00 0.00	23.94 -0.90 0.00	22.84 -0.94 0.00
S.PERRY__115KV_TB1 80734	24.19 -0.03 0.00	20.18 -0.11 0.00	17.37 -0.06 0.00	20.44 -0.16 0.00	19.47 -0.06 0.00	19.05 0.07 0.00	16.49 0.05 0.00	19.18 0.21 0.00	20.50 -0.04 0.00	20.59 0.03 0.00	21.79 0.09 0.00	23.15 0.08 0.00	22.93 0.07 0.00	23.31 0.14 0.00	24.40 0.25 0.00	27.69 0.24 0.00	28.56 -0.06 0.00	31.25 0.05 0.00	28.66 -0.07 0.00	30.46 0.23 0.00	35.91 0.35 0.00	30.30 0.36 0.00	25.21 0.37 0.00	24.05 0.27 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.18 -1.04 0.00	19.36 -0.93 0.00	16.67 -0.76 0.00	19.56 -1.03 0.00	18.64 -0.89 0.00	18.22 -0.76 0.00	15.72 -0.72 0.00	18.43 -0.54 0.00	19.92 -0.63 0.00	20.08 -0.48 0.00	21.32 -0.37 0.00	22.63 -0.44 0.00	22.42 -0.44 0.00	22.69 -0.48 0.00	23.78 -0.36 0.00	26.72 -0.73 0.00	27.29 -1.32 0.00	29.81 -1.39 0.00	27.23 -1.50 0.00	28.75 -1.48 0.00	33.55 -2.02 0.00	28.37 -1.57 0.00	23.85 -0.99 0.00	22.90 -0.88 0.00
SAWYER____23_KV_LOAD 55526	23.18 -1.04 0.00	19.36 -0.93 0.00	16.67 -0.76 0.00	19.56 -1.03 0.00	18.64 -0.89 0.00	18.22 -0.76 0.00	15.72 -0.72 0.00	18.43 -0.54 0.00	19.92 -0.63 0.00	20.08 -0.48 0.00	21.32 -0.37 0.00	22.63 -0.44 0.00	22.42 -0.44 0.00	22.69 -0.48 0.00	23.78 -0.36 0.00	26.72 -0.73 0.00	27.29 -1.32 0.00	29.81 -1.39 0.00	27.23 -1.50 0.00	28.75 -1.48 0.00	33.55 -2.02 0.00	28.37 -1.57 0.00	23.85 -0.99 0.00	22.90 -0.88 0.00

SELKIRK___I 23801	24.89 0.66 0.00	20.96 0.67 0.00	18.04 0.60 0.00	21.26 0.66 0.00	20.17 0.63 0.00	19.64 0.66 0.00	17.00 0.56 0.00	19.47 0.50 0.00	21.01 0.47 0.00	20.93 0.36 0.00	22.06 0.36 0.00	23.43 0.36 0.00	23.19 0.32 0.00	23.53 0.36 0.00	24.55 0.41 0.00	27.96 0.51 0.00	29.19 0.57 0.00	31.96 0.76 0.00	29.50 0.78 0.00	31.09 0.86 0.00	36.54 0.98 0.00	30.73 0.78 0.00	25.49 0.65 0.00	24.42 0.64 0.00
SELKIRK___II 23799	24.78 0.55 0.00	20.87 0.57 0.00	17.94 0.50 0.00	21.14 0.55 0.00	20.05 0.51 0.00	19.53 0.54 0.00	16.92 0.47 0.00	19.41 0.45 0.00	21.01 0.46 0.00	20.96 0.40 0.00	22.13 0.43 0.00	23.52 0.45 0.00	23.28 0.42 0.00	23.62 0.45 0.00	24.61 0.47 0.00	28.04 0.58 0.00	29.21 0.60 0.00	31.98 0.77 0.00	29.48 0.76 0.00	30.98 0.75 0.00	36.38 0.81 0.00	30.59 0.65 0.00	25.37 0.54 0.00	24.31 0.53 0.00
SENECA OSWGO___HYD 24041	23.41 -0.82 0.00	19.61 -0.68 0.00	16.85 -0.59 0.00	19.87 -0.72 0.00	18.88 -0.66 0.00	18.38 -0.60 0.00	15.90 -0.54 0.00	18.41 -0.55 0.00	19.91 -0.63 0.00	19.89 -0.67 0.00	20.90 -0.80 0.00	22.18 -0.89 0.00	21.97 -0.89 0.00	22.31 -0.86 0.00	23.28 -0.86 0.00	26.45 -1.01 0.00	27.51 -1.10 0.00	26.77 -1.01 3.42	27.44 -0.91 0.37	29.30 -0.92 0.00	34.34 -1.23 0.00	28.88 -1.06 0.00	23.95 -0.89 0.00	22.90 -0.88 0.00
SENECA___115KV_TB3 355854	23.36 -0.87 0.00	19.49 -0.80 0.00	16.79 -0.65 0.00	19.71 -0.89 0.00	18.78 -0.75 0.00	18.37 -0.62 0.00	15.86 -0.59 0.00	18.58 -0.38 0.00	20.10 -0.44 0.00	20.26 -0.30 0.00	21.52 -0.18 0.00	22.85 -0.22 0.00	22.64 -0.22 0.00	22.93 -0.24 0.00	24.05 -0.09 0.00	27.09 -0.37 0.00	27.75 -0.86 0.00	30.30 -0.90 0.00	27.70 -1.03 0.00	29.22 -1.01 0.00	34.09 -1.48 0.00	28.80 -1.14 0.00	24.16 -0.68 0.00	23.15 -0.62 0.00
SENECA___ENERGY 23797	23.59 -0.63 0.00	19.74 -0.55 0.00	16.95 -0.48 0.00	19.99 -0.61 0.00	18.99 -0.54 0.00	18.67 -0.31 0.00	16.26 -0.19 0.00	18.66 -0.31 0.00	20.15 -0.39 0.00	20.17 -0.39 0.00	21.27 -0.43 0.00	22.61 -0.46 0.00	22.42 -0.44 0.00	22.77 -0.40 0.00	23.81 -0.33 0.00	27.10 -0.35 0.00	28.45 -0.16 0.00	28.69 -0.49 2.02	28.09 -0.42 0.22	30.23 0.00 0.00	35.32 -0.24 0.00	29.37 -0.58 0.00	24.35 -0.48 0.00	23.23 -0.54 0.00
SHOEMAKER___GT 23640	25.23 1.01 0.00	21.11 0.81 0.00	18.09 0.65 0.00	21.27 0.68 0.00	20.15 0.62 0.00	19.68 0.70 0.00	17.09 0.65 0.00	19.69 0.73 0.00	21.37 0.82 0.00	21.38 0.82 0.00	22.63 0.93 0.00	24.11 1.04 0.00	23.90 1.04 0.00	24.27 1.10 0.00	25.31 1.17 0.00	28.91 1.46 0.00	30.09 1.48 0.00	32.81 1.61 0.00	30.19 1.47 0.00	31.59 1.36 0.00	37.07 1.51 0.00	31.19 1.25 0.00	25.86 1.03 0.00	24.77 0.99 0.00
SHOEMAKR_138KV_BK 111 55601	25.23 1.00 0.00	21.11 0.81 0.00	18.08 0.65 0.00	21.26 0.67 0.00	20.15 0.61 0.00	19.67 0.69 0.00	17.09 0.64 0.00	19.69 0.73 0.00	21.37 0.83 0.00	21.39 0.83 0.00	22.65 0.95 0.00	24.13 1.06 0.00	23.93 1.06 0.00	24.29 1.12 0.00	25.33 1.19 0.00	28.93 1.47 0.00	30.11 1.50 0.00	32.81 1.61 0.00	30.19 1.47 0.00	31.57 1.34 0.00	37.05 1.49 0.00	31.18 1.23 0.00	25.85 1.01 0.00	24.76 0.99 0.00
SHOREHAM_IC_1 23715	27.03 1.47 -1.34	43.61 1.40 -21.92	18.45 1.01 0.00	21.61 1.02 0.00	20.34 0.81 0.00	19.83 0.84 0.00	17.38 0.95 0.00	20.12 1.16 0.00	21.81 1.27 0.00	21.59 1.03 0.00	27.08 1.59 -3.79	29.90 1.98 -4.86	31.65 1.97 -6.82	29.62 2.05 -4.41	25.83 1.69 0.00	29.68 2.22 0.00	31.02 2.41 0.00	33.73 2.53 0.00	31.04 2.32 0.00	32.30 2.07 0.00	37.77 2.20 0.00	31.76 1.82 0.00	26.40 1.57 0.00	25.43 1.65 0.00
SHOREHAM_IC_2 23716	27.03 1.47 -1.34	43.61 1.40 -21.92	18.45 1.01 0.00	21.61 1.02 0.00	20.34 0.81 0.00	19.83 0.84 0.00	17.38 0.95 0.00	20.12 1.16 0.00	21.81 1.27 0.00	21.59 1.03 0.00	27.08 1.59 -3.79	29.90 1.98 -4.86	31.65 1.97 -6.82	29.62 2.05 -4.41	25.83 1.69 0.00	29.68 2.22 0.00	31.02 2.41 0.00	33.73 2.53 0.00	31.04 2.32 0.00	32.30 2.07 0.00	37.77 2.20 0.00	31.76 1.82 0.00	26.40 1.57 0.00	25.43 1.65 0.00
SISSONVILLE____ 23735	23.41 -0.82 0.00	19.51 -0.78 0.00	16.74 -0.70 0.00	19.81 -0.79 0.00	18.81 -0.72 0.00	18.22 -0.76 0.00	15.75 -0.69 0.00	18.18 -0.79 0.00	19.66 -0.89 0.00	19.76 -0.80 0.00	20.87 -0.83 0.00	22.16 -0.91 0.00	21.96 -0.90 0.00	22.17 -1.00 0.00	23.02 -1.12 0.00	26.07 -1.38 0.00	27.35 -1.27 0.00	-61.91 -1.70 91.41	17.30 -1.52 9.91	29.24 -0.99 0.00	34.56 -1.01 0.00	29.13 -0.82 0.00	24.11 -0.72 0.00	23.03 -0.75 0.00
SITHE_IND_GS1 24169	23.16 -1.06 0.00	19.42 -0.87 0.00	16.69 -0.75 0.00	19.68 -0.91 0.00	18.69 -0.85 0.00	18.19 -0.80 0.00	15.73 -0.71 0.00	18.20 -0.76 0.00	19.71 -0.83 0.00	19.69 -0.87 0.00	20.69 -1.01 0.00	21.96 -1.11 0.00	21.76 -1.10 0.00	22.08 -1.09 0.00	23.03 -1.11 0.00	26.16 -1.30 0.00	27.18 -1.43 0.00	28.23 -1.43 1.55	27.24 -1.32 0.17	28.84 -1.39 0.00	33.79 -1.77 0.00	28.45 -1.49 0.00	23.62 -1.21 0.00	22.60 -1.17 0.00
SITHE_IND_GS2 24170	23.16 -1.06 0.00	19.42 -0.87 0.00	16.69 -0.75 0.00	19.68 -0.91 0.00	18.69 -0.85 0.00	18.19 -0.80 0.00	15.73 -0.71 0.00	18.20 -0.76 0.00	19.71 -0.83 0.00	19.69 -0.87 0.00	20.69 -1.01 0.00	21.96 -1.11 0.00	21.76 -1.10 0.00	22.08 -1.09 0.00	23.03 -1.11 0.00	26.16 -1.30 0.00	27.18 -1.43 0.00	28.23 -1.43 1.55	27.24 -1.32 0.17	28.84 -1.39 0.00	33.79 -1.77 0.00	28.45 -1.49 0.00	23.62 -1.21 0.00	22.60 -1.17 0.00
SITHE_IND_GS3 24171	23.16 -1.06 0.00	19.42 -0.87 0.00	16.69 -0.75 0.00	19.68 -0.91 0.00	18.69 -0.85 0.00	18.19 -0.80 0.00	15.73 -0.71 0.00	18.20 -0.76 0.00	19.71 -0.83 0.00	19.69 -0.87 0.00	20.69 -1.01 0.00	21.96 -1.11 0.00	21.76 -1.10 0.00	22.08 -1.09 0.00	23.03 -1.11 0.00	26.16 -1.30 0.00	27.18 -1.43 0.00	28.23 -1.43 1.55	27.24 -1.32 0.17	28.84 -1.39 0.00	33.79 -1.77 0.00	28.45 -1.49 0.00	23.62 -1.21 0.00	22.60 -1.17 0.00
SITHE_IND_GS4 24172	23.16 -1.06 0.00	19.42 -0.87 0.00	16.69 -0.75 0.00	19.68 -0.91 0.00	18.69 -0.85 0.00	18.19 -0.80 0.00	15.73 -0.71 0.00	18.20 -0.76 0.00	19.71 -0.83 0.00	19.69 -0.87 0.00	20.69 -1.01 0.00	21.96 -1.11 0.00	21.76 -1.10 0.00	22.08 -1.09 0.00	23.03 -1.11 0.00	26.16 -1.30 0.00	27.18 -1.43 0.00	28.23 -1.43 1.55	27.24 -1.32 0.17	28.84 -1.39 0.00	33.79 -1.77 0.00	28.45 -1.49 0.00	23.62 -1.21 0.00	22.60 -1.17 0.00
SITHE___BATAVIA 24024	23.75 -0.48 0.00	19.82 -0.47 0.00	17.04 -0.40 0.00	19.99 -0.61 0.00	19.04 -0.50 0.00	18.62 -0.37 0.00	16.08 -0.36 0.00	18.81 -0.15 0.00	20.28 -0.26 0.00	20.36 -0.20 0.00	21.63 -0.07 0.00	22.96 -0.11 0.00	22.88 0.02 0.00	23.05 -0.12 0.00	24.15 0.01 0.00	27.19 -0.26 0.00	28.01 -0.60 0.00	29.10 -0.53 1.57	28.02 -0.54 0.17	29.91 -0.32 0.00	34.92 -0.64 0.00	29.45 -0.49 0.00	24.63 -0.21 0.00	23.56 -0.22 0.00

SITHE___INDEPEND 23800	23.16 -1.07 0.00	19.42 -0.87 0.00	16.69 -0.75 0.00	19.68 -0.91 0.00	18.69 -0.85 0.00	18.19 -0.80 0.00	15.73 -0.71 0.00	18.20 -0.76 0.00	19.71 -0.83 0.00	19.69 -0.87 0.00	20.69 -1.01 0.00	21.96 -1.11 0.00	21.77 -1.10 0.00	22.08 -1.09 0.00	23.03 -1.11 0.00	26.16 -1.30 0.00	27.18 -1.43 0.00	28.23 -1.43 1.55	27.24 -1.32 0.17	28.84 -1.39 0.00	33.80 -1.77 0.00	28.45 -1.49 0.00	23.62 -1.21 0.00	22.60 -1.17 0.00
SITHE___MASSENA 23902	23.99 -0.24 0.00	20.05 -0.24 0.00	17.21 -0.23 0.00	20.36 -0.24 0.00	19.32 -0.21 0.00	18.70 -0.28 0.00	16.16 -0.28 0.00	18.64 -0.32 0.00	20.20 -0.35 0.00	20.30 -0.26 0.00	21.45 -0.25 0.00	22.80 -0.27 0.00	22.59 -0.27 0.00	22.82 -0.35 0.00	23.73 -0.41 0.00	26.86 -0.59 0.00	28.11 -0.50 0.00	-102.04 -0.84 132.40	13.58 -0.80 14.35	29.82 -0.40 0.00	35.24 -0.32 0.00	29.74 -0.20 0.00	24.64 -0.19 0.00	23.57 -0.20 0.00
SITHE___OGDNSBRG 24021	24.10 -0.13 0.00	20.11 -0.18 0.00	17.26 -0.18 0.00	20.42 -0.18 0.00	19.39 -0.15 0.00	18.77 -0.21 0.00	16.22 -0.22 0.00	18.65 -0.32 0.00	20.11 -0.44 0.00	20.19 -0.37 0.00	21.32 -0.38 0.00	22.63 -0.43 0.00	22.43 -0.43 0.00	22.65 -0.51 0.00	23.55 -0.59 0.00	26.66 -0.79 0.00	27.92 -0.70 0.00	-77.18 -1.05 107.33	16.19 -0.90 11.63	29.98 -0.25 0.00	35.63 0.06 0.00	30.09 0.14 0.00	24.87 0.04 0.00	23.75 -0.02 0.00
SITHE___STERLING 23777	24.57 0.35 0.00	20.52 0.23 0.00	17.63 0.19 0.00	20.80 0.20 0.00	19.76 0.22 0.00	19.30 0.32 0.00	16.75 0.30 0.00	19.34 0.37 0.00	20.86 0.31 0.00	20.84 0.28 0.00	21.97 0.27 0.00	23.36 0.29 0.00	23.15 0.29 0.00	23.51 0.34 0.00	24.55 0.40 0.00	27.91 0.45 0.00	29.09 0.47 0.00	26.35 0.57 5.42	28.74 0.60 0.59	30.95 0.72 0.00	36.39 0.82 0.00	30.59 0.65 0.00	25.32 0.48 0.00	24.15 0.37 0.00
SLEIGHT___34_KV_TB1 80719	23.54 -0.69 0.00	19.69 -0.61 0.00	16.91 -0.53 0.00	19.90 -0.70 0.00	18.91 -0.63 0.00	18.49 -0.49 0.00	16.05 -0.40 0.00	18.56 -0.40 0.00	20.07 -0.47 0.00	20.12 -0.44 0.00	21.28 -0.42 0.00	22.62 -0.45 0.00	22.41 -0.45 0.00	22.75 -0.42 0.00	23.76 -0.39 0.00	26.99 -0.46 0.00	28.14 -0.48 0.00	28.87 -0.57 1.76	28.00 -0.54 0.19	29.86 -0.37 0.00	34.86 -0.71 0.00	29.19 -0.75 0.00	24.26 -0.58 0.00	23.15 -0.63 0.00
SOUTH CAIRO___GT 23612	25.68 1.45 0.00	21.64 1.35 0.00	18.62 1.18 0.00	21.93 1.33 0.00	20.82 1.28 0.00	20.29 1.30 0.00	17.57 1.13 0.00	20.14 1.17 0.00	21.65 1.11 0.00	21.40 0.84 0.00	22.46 0.76 0.00	23.83 0.76 0.00	23.65 0.79 0.00	24.03 0.87 0.00	25.13 0.98 0.00	28.74 1.29 0.00	30.05 1.44 0.00	33.22 2.02 0.00	30.76 2.04 0.00	32.58 2.35 0.00	38.30 2.73 0.00	32.12 2.17 0.00	26.55 1.71 0.00	25.32 1.54 0.00
SOUTH HAMPTN___IC 23720	27.32 1.76 -1.34	43.80 1.59 -21.92	18.59 1.16 0.00	21.76 1.17 0.00	20.48 0.94 0.00	20.00 1.02 0.00	17.51 1.07 0.00	20.32 1.36 0.00	22.13 1.58 0.00	22.15 1.58 0.00	27.65 2.16 -3.79	30.50 2.58 -4.86	32.28 2.60 -6.82	30.27 2.70 -4.41	26.51 2.36 0.00	30.44 2.99 0.00	31.81 3.20 0.00	34.50 3.30 0.00	31.76 3.04 0.00	33.10 2.87 0.00	38.65 3.09 0.00	32.48 2.53 0.00	26.98 2.15 0.00	25.98 2.21 0.00
SOUTHDOW___115KV_TB1 355954	24.13 -0.09 0.00	20.09 -0.20 0.00	17.32 -0.12 0.00	20.35 -0.25 0.00	19.42 -0.11 0.00	19.07 0.09 0.00	16.52 0.08 0.00	19.74 0.77 0.00	21.10 0.55 0.00	21.14 0.57 0.00	22.19 0.50 0.00	23.58 0.51 0.00	23.37 0.51 0.00	23.73 0.57 0.00	24.92 0.77 0.00	28.18 0.73 0.00	28.85 0.24 0.00	31.35 0.15 0.00	28.67 -0.05 0.00	30.19 -0.04 0.00	35.32 -0.24 0.00	29.79 -0.15 0.00	24.82 -0.02 0.00	23.72 -0.06 0.00
SOUTHOLD_69_KV_BK 2 55809	27.43 1.87 -1.34	43.85 1.64 -21.92	18.61 1.17 0.00	21.76 1.17 0.00	20.47 0.94 0.00	20.05 1.07 0.00	17.53 1.09 0.00	20.43 1.47 0.00	22.39 1.84 0.00	22.54 1.97 0.00	28.12 2.63 -3.79	31.11 3.18 -4.85	32.93 3.25 -6.82	30.96 3.38 -4.41	27.20 3.05 0.00	31.19 3.74 0.00	32.57 3.95 0.00	34.74 3.54 0.00	32.06 3.34 0.00	33.94 3.71 0.00	39.59 4.03 0.00	33.26 3.32 0.00	27.64 2.80 0.00	26.61 2.83 0.00
SOUTHOLD___IC 23719	27.43 1.87 -1.34	43.85 1.64 -21.92	18.61 1.17 0.00	21.76 1.16 0.00	20.47 0.94 0.00	20.05 1.06 0.00	17.53 1.09 0.00	20.43 1.47 0.00	22.38 1.84 0.00	22.54 1.98 0.00	28.12 2.63 -3.79	31.11 3.19 -4.86	32.93 3.25 -6.82	30.96 3.38 -4.41	27.19 3.05 0.00	31.19 3.74 0.00	32.56 3.95 0.00	34.74 3.54 0.00	32.06 3.34 0.00	33.94 3.71 0.00	39.59 4.03 0.00	33.26 3.32 0.00	27.64 2.80 0.00	26.60 2.83 0.00
SOUTH_FORK_WT_PWR 323839	27.21 1.64 -1.34	43.64 1.43 -21.92	18.43 0.99 0.00	21.53 0.93 0.00	20.26 0.72 0.00	19.87 0.89 0.00	17.36 0.92 0.00	20.28 1.32 0.00	22.31 1.76 0.00	22.54 1.98 0.00	28.16 2.67 -3.79	31.21 3.28 -4.86	33.05 3.37 -6.82	31.07 3.49 -4.41	27.27 3.13 0.00	31.25 3.79 0.00	32.65 4.04 0.00	35.12 3.91 0.00	32.38 3.66 0.00	33.99 3.77 0.00	39.68 4.11 0.00	33.33 3.38 0.00	27.73 2.89 0.00	26.70 2.92 0.00
SPIERFLS_115KV_TB 1 80737	25.57 1.34 0.00	21.30 1.00 0.00	18.30 0.86 0.00	21.58 0.98 0.00	20.48 0.94 0.00	19.98 0.99 0.00	17.43 0.99 0.00	20.08 1.12 0.00	21.67 1.12 0.00	21.48 0.92 0.00	22.44 0.75 0.00	23.83 0.76 0.00	23.62 0.75 0.00	23.91 0.75 0.00	24.98 0.84 0.00	28.63 1.17 0.00	29.82 1.21 0.00	33.01 1.81 0.00	30.72 1.99 0.00	32.21 1.98 0.00	37.99 2.43 0.00	31.88 1.93 0.00	26.45 1.61 0.00	25.23 1.45 0.00
ST LAWRENCE____ 23600	23.84 -0.38 0.00	19.93 -0.36 0.00	17.12 -0.32 0.00	20.25 -0.34 0.00	19.22 -0.32 0.00	18.60 -0.38 0.00	16.07 -0.37 0.00	18.55 -0.42 0.00	20.10 -0.44 0.00	20.20 -0.37 0.00	21.33 -0.37 0.00	22.67 -0.40 0.00	22.46 -0.39 0.00	22.69 -0.48 0.00	23.61 -0.53 0.00	26.74 -0.71 0.00	27.99 -0.62 0.00	41.07 -0.79 -10.65	29.12 -0.76 -1.16	29.62 -0.61 0.00	34.98 -0.58 0.00	29.52 -0.43 0.00	24.47 -0.37 0.00	23.41 -0.36 0.00
STATE_CA_115KV_115_LB 55624	24.86 0.63 0.00	20.99 0.69 0.00	18.05 0.61 0.00	21.26 0.66 0.00	20.16 0.62 0.00	19.64 0.66 0.00	17.01 0.57 0.00	19.49 0.53 0.00	21.10 0.56 0.00	21.05 0.49 0.00	22.23 0.53 0.00	23.63 0.56 0.00	23.38 0.52 0.00	23.73 0.56 0.00	24.72 0.58 0.00	28.17 0.71 0.00	29.35 0.74 0.00	32.16 0.96 0.00	29.65 0.93 0.00	31.16 0.93 0.00	36.56 1.00 0.00	30.72 0.78 0.00	25.48 0.65 0.00	24.40 0.63 0.00
STATE_ST_34_KV_LOAD 55959	23.93 -0.30 0.00	20.04 -0.25 0.00	17.20 -0.24 0.00	20.30 -0.29 0.00	19.24 -0.30 0.00	18.91 -0.07 0.00	16.48 0.04 0.00	18.83 -0.13 0.00	20.34 -0.21 0.00	20.24 -0.32 0.00	21.36 -0.34 0.00	22.70 -0.37 0.00	22.51 -0.35 0.00	22.82 -0.35 0.00	23.78 -0.36 0.00	27.23 -0.23 0.00	28.72 0.11 0.00	28.87 -0.23 2.10	28.36 -0.14 0.23	30.59 0.36 0.00	35.77 0.21 0.00	29.66 -0.28 0.00	24.57 -0.26 0.00	23.41 -0.36 0.00

STATION 5_MISC_HYD 23604	23.54 -0.69 0.00	19.68 -0.61 0.00	16.92 -0.52 0.00	19.88 -0.71 0.00	18.91 -0.63 0.00	18.46 -0.52 0.00	15.96 -0.48 0.00	18.59 -0.38 0.00	20.08 -0.47 0.00	20.17 -0.39 0.00	21.38 -0.32 0.00	22.72 -0.35 0.00	22.49 -0.37 0.00	22.82 -0.35 0.00	23.85 -0.29 0.00	27.02 -0.44 0.00	27.98 -0.64 0.00	28.97 -0.63 1.61	27.90 -0.65 0.17	29.65 -0.58 0.00	34.60 -0.96 0.00	29.14 -0.80 0.00	24.29 -0.54 0.00	23.23 -0.55 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.73 -0.49 0.00	19.84 -0.45 0.00	17.05 -0.39 0.00	20.06 -0.53 0.00	19.08 -0.46 0.00	18.68 -0.31 0.00	16.20 -0.25 0.00	18.75 -0.21 0.00	20.28 -0.27 0.00	20.34 -0.22 0.00	21.51 -0.18 0.00	22.86 -0.21 0.00	22.64 -0.22 0.00	23.00 -0.17 0.00	24.04 -0.10 0.00	27.28 -0.18 0.00	28.42 -0.19 0.00	29.19 -0.25 1.75	28.28 -0.25 0.19	30.18 -0.05 0.00	35.22 -0.34 0.00	29.49 -0.46 0.00	24.51 -0.33 0.00	23.40 -0.38 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.43 -0.80 0.00	19.59 -0.70 0.00	16.84 -0.60 0.00	19.79 -0.80 0.00	18.82 -0.71 0.00	18.37 -0.61 0.00	15.89 -0.55 0.00	18.49 -0.48 0.00	19.99 -0.55 0.00	20.09 -0.47 0.00	21.28 -0.42 0.00	22.62 -0.45 0.00	22.39 -0.47 0.00	22.73 -0.44 0.00	23.75 -0.39 0.00	26.92 -0.54 0.00	27.90 -0.72 0.00	28.85 -0.73 1.62	27.81 -0.74 0.18	29.56 -0.67 0.00	34.50 -1.06 0.00	29.03 -0.91 0.00	24.18 -0.65 0.00	23.12 -0.66 0.00
STA_56____34_KV_BUS2 355983	23.43 -0.80 0.00	19.59 -0.70 0.00	16.84 -0.60 0.00	19.79 -0.80 0.00	18.82 -0.71 0.00	18.37 -0.61 0.00	15.89 -0.55 0.00	18.49 -0.48 0.00	19.99 -0.55 0.00	20.09 -0.47 0.00	21.28 -0.42 0.00	22.62 -0.45 0.00	22.39 -0.47 0.00	22.73 -0.44 0.00	23.75 -0.39 0.00	26.92 -0.54 0.00	27.90 -0.72 0.00	28.85 -0.73 1.62	27.81 -0.74 0.18	29.56 -0.67 0.00	34.50 -1.06 0.00	29.03 -0.91 0.00	24.18 -0.65 0.00	23.12 -0.66 0.00
STA_67____115KV_BK2 355882	23.48 -0.75 0.00	19.64 -0.66 0.00	16.88 -0.56 0.00	19.84 -0.76 0.00	18.87 -0.67 0.00	18.42 -0.56 0.00	15.92 -0.52 0.00	18.53 -0.44 0.00	20.03 -0.51 0.00	20.13 -0.43 0.00	21.32 -0.37 0.00	22.66 -0.41 0.00	22.43 -0.43 0.00	22.76 -0.41 0.00	23.78 -0.36 0.00	26.94 -0.51 0.00	27.89 -0.72 0.00	28.87 -0.72 1.61	27.81 -0.75 0.17	29.55 -0.68 0.00	34.51 -1.05 0.00	29.06 -0.88 0.00	24.23 -0.60 0.00	23.17 -0.60 0.00
STA_7____115KV_9TRANS 80674	23.66 -0.57 0.00	19.78 -0.51 0.00	17.00 -0.44 0.00	19.98 -0.62 0.00	18.99 -0.54 0.00	18.55 -0.44 0.00	16.03 -0.41 0.00	18.65 -0.31 0.00	20.17 -0.37 0.00	20.27 -0.29 0.00	21.49 -0.21 0.00	22.85 -0.22 0.00	22.61 -0.25 0.00	22.97 -0.20 0.00	24.00 -0.14 0.00	27.20 -0.26 0.00	28.18 -0.43 0.00	29.19 -0.39 1.61	28.11 -0.44 0.17	29.88 -0.35 0.00	34.87 -0.70 0.00	29.34 -0.60 0.00	24.45 -0.39 0.00	23.36 -0.42 0.00
STA_82____115KV_TB1 80780	23.49 -0.74 0.00	19.65 -0.65 0.00	16.88 -0.55 0.00	19.84 -0.76 0.00	18.88 -0.66 0.00	18.43 -0.55 0.00	15.93 -0.51 0.00	18.54 -0.43 0.00	20.04 -0.51 0.00	20.13 -0.43 0.00	21.33 -0.37 0.00	22.66 -0.41 0.00	22.43 -0.43 0.00	22.76 -0.40 0.00	23.79 -0.35 0.00	26.95 -0.51 0.00	27.90 -0.71 0.00	28.88 -0.71 1.62	27.81 -0.74 0.17	29.58 -0.65 0.00	34.54 -1.03 0.00	29.08 -0.87 0.00	24.24 -0.59 0.00	23.18 -0.59 0.00
STEEL____WIND 323596	23.33 -0.89 0.00	19.48 -0.82 0.00	16.77 -0.66 0.00	19.69 -0.91 0.00	18.76 -0.77 0.00	18.35 -0.63 0.00	15.84 -0.60 0.00	18.59 -0.37 0.00	20.09 -0.45 0.00	20.24 -0.32 0.00	21.50 -0.19 0.00	22.83 -0.24 0.00	22.61 -0.25 0.00	22.90 -0.27 0.00	24.02 -0.13 0.00	27.04 -0.41 0.00	27.71 -0.90 0.00	30.25 -0.95 0.00	27.66 -1.07 0.00	29.17 -1.06 0.00	34.02 -1.54 0.00	28.77 -1.17 0.00	24.13 -0.71 0.00	23.13 -0.65 0.00
STEPHTWN_115KV_BK_2 55603	24.95 0.72 0.00	21.04 0.75 0.00	18.08 0.64 0.00	21.29 0.69 0.00	20.18 0.64 0.00	19.67 0.69 0.00	17.06 0.62 0.00	19.61 0.65 0.00	21.22 0.67 0.00	21.13 0.57 0.00	22.30 0.61 0.00	23.72 0.65 0.00	23.46 0.60 0.00	23.78 0.62 0.00	24.90 0.75 0.00	28.35 0.89 0.00	29.53 0.92 0.00	32.38 1.18 0.00	29.85 1.13 0.00	31.33 1.09 0.00	36.75 1.18 0.00	30.89 0.94 0.00	25.59 0.75 0.00	24.51 0.73 0.00
STEUBEN_REC_LFGE 323667	23.63 -0.60 0.00	19.75 -0.55 0.00	17.05 -0.39 0.00	20.14 -0.46 0.00	19.22 -0.32 0.00	18.84 -0.14 0.00	16.29 -0.15 0.00	18.94 -0.02 0.00	20.47 -0.07 0.00	20.59 0.02 0.00	21.71 0.01 0.00	23.11 0.04 0.00	22.92 0.05 0.00	23.29 0.13 0.00	24.46 0.31 0.00	27.68 0.23 0.00	28.54 -0.08 0.00	31.07 -0.13 0.00	28.57 -0.16 0.00	30.16 -0.07 0.00	35.29 -0.28 0.00	29.71 -0.23 0.00	24.76 -0.07 0.00	23.70 -0.08 0.00
STILLWATER____SOLAR 323814	25.57 1.35 0.00	21.39 1.10 0.00	18.39 0.95 0.00	21.68 1.09 0.00	20.57 1.04 0.00	20.05 1.07 0.00	17.44 0.99 0.00	20.06 1.09 0.00	21.64 1.09 0.00	21.49 0.93 0.00	22.58 0.88 0.00	23.98 0.91 0.00	23.78 0.92 0.00	24.13 0.96 0.00	25.18 1.04 0.00	28.76 1.31 0.00	30.00 1.39 0.00	33.07 1.87 0.00	30.64 1.92 0.00	32.20 1.98 0.00	37.88 2.31 0.00	31.80 1.86 0.00	26.37 1.53 0.00	25.21 1.43 0.00
STONY____BROOK 24151	27.35 1.78 -1.34	43.83 1.61 -21.92	18.66 1.22 0.00	21.84 1.24 0.00	20.54 1.01 0.00	20.05 1.07 0.00	17.51 1.07 0.00	20.26 1.30 0.00	22.00 1.45 0.00	21.98 1.42 0.00	27.46 1.97 -3.79	30.21 2.28 -4.86	31.93 2.26 -6.82	29.90 2.33 -4.41	26.09 1.95 0.00	29.90 2.44 0.00	31.16 2.55 0.00	33.92 2.72 0.00	31.18 2.45 0.00	32.40 2.17 0.00	37.88 2.31 0.00	31.87 1.92 0.00	26.50 1.67 0.00	25.64 1.86 0.00
STURGEON_POOL_HYD 23609	25.54 1.31 0.00	21.33 1.04 0.00	18.26 0.83 0.00	21.44 0.85 0.00	20.31 0.77 0.00	19.85 0.87 0.00	17.26 0.81 0.00	19.92 0.95 0.00	21.65 1.11 0.00	21.71 1.15 0.00	23.05 1.35 0.00	24.57 1.50 0.00	24.36 1.50 0.00	24.77 1.60 0.00	25.79 1.65 0.00	29.49 2.04 0.00	30.70 2.08 0.00	33.41 2.21 0.00	30.71 1.99 0.00	32.00 1.77 0.00	37.52 1.96 0.00	31.56 1.62 0.00	26.16 1.33 0.00	25.05 1.27 0.00
ST_LAW_115_BK7_LBMP 345037	23.81 -0.42 0.00	19.90 -0.39 0.00	17.09 -0.34 0.00	20.23 -0.37 0.00	19.19 -0.34 0.00	18.57 -0.42 0.00	16.04 -0.40 0.00	18.52 -0.45 0.00	20.07 -0.47 0.00	20.17 -0.40 0.00	21.30 -0.40 0.00	22.64 -0.43 0.00	22.44 -0.42 0.00	22.66 -0.51 0.00	23.57 -0.57 0.00	26.70 -0.76 0.00	27.94 -0.67 0.00	43.23 -0.87 -12.90	29.28 -0.84 -1.40	29.58 -0.65 0.00	34.94 -0.63 0.00	29.49 -0.46 0.00	24.44 -0.39 0.00	23.39 -0.39 0.00
ST_LAW_115_BK8_LBMP 345038	23.81 -0.42 0.00	19.90 -0.39 0.00	17.09 -0.34 0.00	20.23 -0.37 0.00	19.19 -0.34 0.00	18.57 -0.42 0.00	16.04 -0.40 0.00	18.52 -0.45 0.00	20.07 -0.47 0.00	20.17 -0.40 0.00	21.30 -0.40 0.00	22.64 -0.43 0.00	22.44 -0.42 0.00	22.66 -0.51 0.00	23.57 -0.57 0.00	26.70 -0.76 0.00	27.94 -0.67 0.00	43.23 -0.87 -12.90	29.28 -0.84 -1.40	29.58 -0.65 0.00	34.94 -0.63 0.00	29.49 -0.46 0.00	24.44 -0.39 0.00	23.39 -0.39 0.00

ST_LAW_230_BK5_LBMP 345035	23.84 -0.38 0.00	19.93 -0.36 0.00	17.12 -0.32 0.00	20.25 -0.34 0.00	19.22 -0.32 0.00	18.60 -0.38 0.00	16.07 -0.37 0.00	18.55 -0.42 0.00	20.10 -0.44 0.00	20.20 -0.37 0.00	21.33 -0.37 0.00	22.67 -0.40 0.00	22.46 -0.39 0.00	22.69 -0.48 0.00	23.61 -0.53 0.00	26.74 -0.71 0.00	27.99 -0.62 0.00	38.22 -0.79 -7.81	28.81 -0.76 -0.85	29.62 -0.61 0.00	34.98 -0.58 0.00	29.52 -0.43 0.00	24.47 -0.37 0.00	23.41 -0.36 0.00
ST_LAW_230_BK6_LBMP 345036	23.84 -0.38 0.00	19.93 -0.36 0.00	17.12 -0.32 0.00	20.25 -0.34 0.00	19.22 -0.32 0.00	18.60 -0.38 0.00	16.07 -0.37 0.00	18.55 -0.42 0.00	20.10 -0.44 0.00	20.20 -0.37 0.00	21.33 -0.37 0.00	22.67 -0.40 0.00	22.46 -0.39 0.00	22.69 -0.48 0.00	23.61 -0.53 0.00	26.74 -0.71 0.00	27.99 -0.62 0.00	38.22 -0.79 -7.81	28.81 -0.76 -0.85	29.62 -0.61 0.00	34.98 -0.58 0.00	29.52 -0.43 0.00	24.47 -0.37 0.00	23.41 -0.36 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.37 1.14 0.00	21.22 0.92 0.00	18.17 0.74 0.00	21.35 0.76 0.00	20.22 0.69 0.00	19.76 0.78 0.00	17.17 0.73 0.00	19.79 0.83 0.00	21.50 0.96 0.00	21.54 0.98 0.00	22.84 1.14 0.00	24.35 1.28 0.00	24.13 1.28 0.00	24.51 1.35 0.00	25.56 1.42 0.00	29.19 1.74 0.00	30.39 1.77 0.00	33.07 1.87 0.00	30.40 1.67 0.00	31.75 1.52 0.00	37.24 1.68 0.00	31.34 1.40 0.00	25.99 1.15 0.00	24.90 1.12 0.00
SWANROAD_115KV_TB1 355699	22.64 -1.58 0.00	18.94 -1.35 0.00	16.31 -1.13 0.00	19.12 -1.48 0.00	18.22 -1.32 0.00	17.80 -1.19 0.00	15.35 -1.09 0.00	17.96 -1.01 0.00	19.40 -1.15 0.00	19.52 -1.04 0.00	20.74 -0.96 0.00	21.99 -1.08 0.00	21.79 -1.08 0.00	22.00 -1.16 0.00	23.04 -1.11 0.00	25.93 -1.52 0.00	26.66 -1.95 0.00	27.61 -2.06 1.54	26.48 -2.08 0.17	28.17 -2.06 0.00	32.87 -2.69 0.00	27.83 -2.12 0.00	23.45 -1.39 0.00	22.52 -1.26 0.00
SYNERGY___BIOGAS 323694	23.75 -0.48 0.00	19.82 -0.47 0.00	17.04 -0.40 0.00	19.99 -0.61 0.00	19.04 -0.50 0.00	18.62 -0.37 0.00	16.08 -0.36 0.00	18.81 -0.15 0.00	20.28 -0.26 0.00	20.36 -0.20 0.00	21.63 -0.07 0.00	22.96 -0.11 0.00	22.88 0.02 0.00	23.05 -0.12 0.00	24.15 0.01 0.00	27.19 -0.26 0.00	28.01 -0.60 0.00	29.10 -0.53 1.57	28.02 -0.54 0.17	29.91 -0.32 0.00	34.92 -0.64 0.00	29.45 -0.49 0.00	24.63 -0.21 0.00	23.56 -0.22 0.00
SYRACUSE___ENERGY_ST1 323597	23.71 -0.51 0.00	19.87 -0.43 0.00	17.07 -0.37 0.00	20.13 -0.47 0.00	19.11 -0.43 0.00	18.76 -0.22 0.00	16.33 -0.11 0.00	18.65 -0.31 0.00	20.17 -0.38 0.00	20.15 -0.41 0.00	21.21 -0.49 0.00	22.52 -0.55 0.00	22.34 -0.52 0.00	22.68 -0.49 0.00	23.66 -0.48 0.00	26.98 -0.47 0.00	28.47 -0.15 0.00	28.19 -0.50 2.51	28.02 -0.43 0.27	30.20 -0.03 0.00	35.32 -0.24 0.00	29.31 -0.63 0.00	24.28 -0.56 0.00	23.20 -0.58 0.00
SYRACUSE___ENERGY_ST2 323598	23.71 -0.51 0.00	19.87 -0.43 0.00	17.07 -0.37 0.00	20.13 -0.47 0.00	19.11 -0.43 0.00	18.76 -0.22 0.00	16.33 -0.11 0.00	18.65 -0.31 0.00	20.17 -0.38 0.00	20.15 -0.41 0.00	21.21 -0.49 0.00	22.52 -0.55 0.00	22.34 -0.52 0.00	22.68 -0.49 0.00	23.66 -0.48 0.00	26.98 -0.47 0.00	28.47 -0.15 0.00	28.19 -0.50 2.51	28.02 -0.43 0.27	30.20 -0.03 0.00	35.32 -0.24 0.00	29.31 -0.63 0.00	24.28 -0.56 0.00	23.20 -0.58 0.00
SYRACUSE___POWER 24017	23.67 -0.55 0.00	19.83 -0.47 0.00	17.03 -0.40 0.00	20.09 -0.51 0.00	19.08 -0.45 0.00	18.65 -0.33 0.00	16.19 -0.25 0.00	18.66 -0.30 0.00	20.20 -0.34 0.00	20.21 -0.35 0.00	21.27 -0.43 0.00	22.59 -0.48 0.00	22.41 -0.45 0.00	22.75 -0.42 0.00	23.76 -0.39 0.00	27.02 -0.43 0.00	28.23 -0.39 0.00	28.04 -0.53 2.64	27.97 -0.46 0.29	29.84 -0.39 0.00	34.92 -0.65 0.00	29.25 -0.70 0.00	24.24 -0.60 0.00	23.17 -0.61 0.00
TALLMAN___138KV_BK151 55660	25.51 1.29 0.00	21.34 1.05 0.00	18.26 0.82 0.00	21.44 0.84 0.00	20.30 0.76 0.00	19.85 0.87 0.00	17.25 0.81 0.00	19.90 0.93 0.00	21.63 1.09 0.00	21.69 1.12 0.00	23.01 1.31 0.00	24.55 1.48 0.00	24.33 1.47 0.00	24.72 1.55 0.00	25.76 1.62 0.00	29.43 1.98 0.00	30.61 2.00 0.00	33.27 2.07 0.00	30.55 1.83 0.00	31.85 1.62 0.00	37.36 1.80 0.00	31.46 1.52 0.00	26.11 1.27 0.00	25.03 1.25 0.00
TEALLAVE_115KV_TB7 355573	23.60 -0.62 0.00	19.77 -0.52 0.00	16.99 -0.45 0.00	20.03 -0.57 0.00	19.03 -0.51 0.00	18.58 -0.40 0.00	16.12 -0.32 0.00	18.61 -0.35 0.00	20.15 -0.39 0.00	20.16 -0.40 0.00	21.22 -0.48 0.00	22.54 -0.53 0.00	22.35 -0.51 0.00	22.68 -0.48 0.00	23.69 -0.45 0.00	26.93 -0.52 0.00	28.07 -0.54 0.00	27.65 -0.63 2.91	27.84 -0.57 0.32	29.67 -0.56 0.00	34.75 -0.82 0.00	29.15 -0.79 0.00	24.17 -0.67 0.00	23.10 -0.67 0.00
TELGRAPH_34_KV_EAST 80808	23.25 -0.97 0.00	19.43 -0.86 0.00	16.72 -0.72 0.00	19.61 -0.99 0.00	18.67 -0.86 0.00	18.25 -0.73 0.00	15.76 -0.69 0.00	18.43 -0.53 0.00	19.91 -0.64 0.00	20.03 -0.53 0.00	21.28 -0.42 0.00	22.56 -0.51 0.00	22.45 -0.41 0.00	22.61 -0.56 0.00	23.71 -0.43 0.00	26.70 -0.75 0.00	27.47 -1.14 0.00	28.48 -1.16 1.56	27.35 -1.21 0.17	29.11 -1.12 0.00	33.97 -1.59 0.00	28.69 -1.25 0.00	24.08 -0.76 0.00	23.08 -0.70 0.00
TEMPLE___115KV_TB 2 55572	23.62 -0.61 0.00	19.77 -0.52 0.00	17.00 -0.44 0.00	20.04 -0.56 0.00	19.04 -0.50 0.00	18.59 -0.39 0.00	16.13 -0.32 0.00	18.62 -0.34 0.00	20.17 -0.38 0.00	20.18 -0.38 0.00	21.24 -0.46 0.00	22.56 -0.51 0.00	22.38 -0.49 0.00	22.71 -0.46 0.00	23.72 -0.42 0.00	26.96 -0.50 0.00	28.10 -0.51 0.00	27.74 -0.61 2.85	27.87 -0.55 0.31	29.68 -0.55 0.00	34.75 -0.82 0.00	29.17 -0.78 0.00	24.18 -0.66 0.00	23.11 -0.66 0.00
TIANA___69_KV_BK 1 55817	27.30 1.74 -1.34	43.79 1.58 -21.92	18.59 1.16 0.00	21.77 1.18 0.00	20.48 0.95 0.00	19.99 1.01 0.00	17.51 1.07 0.00	20.30 1.34 0.00	22.07 1.52 0.00	22.06 1.49 0.00	27.54 2.05 -3.79	30.36 2.43 -4.85	32.12 2.44 -6.82	30.12 2.54 -4.41	26.35 2.21 0.00	30.27 2.81 0.00	31.64 3.03 0.00	34.35 3.15 0.00	31.61 2.89 0.00	32.92 2.69 0.00	38.46 2.90 0.00	32.32 2.38 0.00	26.85 2.02 0.00	25.85 2.08 0.00
TILDEN___115KV_TB1 80814	23.67 -0.55 0.00	19.83 -0.47 0.00	17.03 -0.40 0.00	20.09 -0.51 0.00	19.08 -0.45 0.00	18.65 -0.33 0.00	16.19 -0.25 0.00	18.66 -0.30 0.00	20.20 -0.34 0.00	20.21 -0.35 0.00	21.27 -0.43 0.00	22.59 -0.48 0.00	22.41 -0.45 0.00	22.75 -0.42 0.00	23.76 -0.39 0.00	27.02 -0.43 0.00	28.23 -0.39 0.00	28.04 -0.53 2.64	27.97 -0.46 0.29	29.84 -0.39 0.00	34.92 -0.65 0.00	29.25 -0.70 0.00	24.24 -0.60 0.00	23.17 -0.61 0.00
TRIGEN___CC 323695	27.27 1.71 -1.34	43.69 1.48 -21.92	18.59 1.16 0.00	21.78 1.19 0.00	20.54 1.00 0.00	20.08 1.09 0.00	17.46 1.01 0.00	20.13 1.17 0.00	21.87 1.33 0.00	21.91 1.35 0.00	27.25 1.76 -3.79	29.92 2.00 -4.85	31.65 1.97 -6.82	29.62 2.05 -4.41	26.04 1.90 0.00	29.77 2.32 0.00	31.00 2.38 0.00	33.72 2.51 0.00	30.95 2.23 0.00	32.20 1.97 0.00	37.74 2.17 0.00	31.82 1.88 0.00	26.51 1.68 0.00	25.47 1.69 0.00

TRINITY__115KV__4 BK 55933	24.75 0.52 0.00	20.91 0.62 0.00	17.99 0.55 0.00	21.18 0.58 0.00	20.09 0.55 0.00	19.57 0.59 0.00	16.95 0.50 0.00	19.41 0.45 0.00	21.01 0.47 0.00	20.95 0.39 0.00	22.12 0.42 0.00	23.51 0.43 0.00	23.25 0.39 0.00	23.59 0.43 0.00	24.58 0.44 0.00	27.99 0.54 0.00	29.17 0.56 0.00	31.96 0.76 0.00	29.48 0.75 0.00	30.98 0.74 0.00	36.36 0.79 0.00	30.56 0.62 0.00	25.35 0.51 0.00	24.28 0.50 0.00
UNION__PROCESSING_DRP 323587	23.50 -0.73 0.00	19.65 -0.64 0.00	16.89 -0.55 0.00	19.85 -0.74 0.00	18.88 -0.66 0.00	18.43 -0.55 0.00	15.94 -0.51 0.00	18.54 -0.42 0.00	20.04 -0.51 0.00	20.14 -0.43 0.00	21.34 -0.36 0.00	22.67 -0.40 0.00	22.45 -0.42 0.00	22.77 -0.40 0.00	23.80 -0.34 0.00	26.95 -0.50 0.00	27.91 -0.70 0.00	28.88 -0.70 1.62	27.82 -0.73 0.17	29.58 -0.65 0.00	34.55 -1.02 0.00	29.09 -0.86 0.00	24.25 -0.58 0.00	23.19 -0.59 0.00
UPPER HUDSON__HYD 24058	25.57 1.34 0.00	21.30 1.00 0.00	18.29 0.86 0.00	21.58 0.98 0.00	20.48 0.94 0.00	19.98 0.99 0.00	17.43 0.99 0.00	20.08 1.11 0.00	21.67 1.12 0.00	21.48 0.92 0.00	22.44 0.75 0.00	23.83 0.76 0.00	23.62 0.75 0.00	23.91 0.75 0.00	24.98 0.84 0.00	28.62 1.17 0.00	29.82 1.21 0.00	33.01 1.81 0.00	30.72 1.99 0.00	32.21 1.98 0.00	37.99 2.43 0.00	31.88 1.93 0.00	26.44 1.61 0.00	25.23 1.45 0.00
UPPER RAQUET__HYD 24056	23.41 -0.82 0.00	19.51 -0.78 0.00	16.74 -0.70 0.00	19.81 -0.79 0.00	18.81 -0.72 0.00	18.23 -0.76 0.00	15.75 -0.69 0.00	18.17 -0.79 0.00	19.66 -0.88 0.00	19.76 -0.80 0.00	20.87 -0.83 0.00	22.16 -0.91 0.00	21.96 -0.90 0.00	22.17 -1.00 0.00	23.02 -1.12 0.00	26.07 -1.38 0.00	27.34 -1.27 0.00	-61.91 -1.70 91.41	17.30 -1.52 9.91	29.24 -0.99 0.00	34.56 -1.01 0.00	29.13 -0.81 0.00	24.11 -0.72 0.00	23.03 -0.75 0.00
VALLEY44_115KV_TB2 355964	23.32 -0.90 0.00	19.48 -0.82 0.00	16.79 -0.65 0.00	19.81 -0.78 0.00	18.89 -0.65 0.00	18.53 -0.45 0.00	15.98 -0.46 0.00	18.65 -0.32 0.00	20.16 -0.39 0.00	20.32 -0.24 0.00	21.44 -0.25 0.00	22.78 -0.29 0.00	22.55 -0.31 0.00	22.88 -0.29 0.00	24.04 -0.10 0.00	27.16 -0.30 0.00	27.88 -0.73 0.00	30.26 -0.94 0.00	27.68 -1.04 0.00	29.14 -1.09 0.00	34.08 -1.48 0.00	28.84 -1.10 0.00	24.07 -0.77 0.00	23.04 -0.74 0.00
VALLEY__115KV_TB 1-4 80826	24.33 0.10 0.00	20.51 0.21 0.00	17.61 0.18 0.00	20.86 0.26 0.00	19.73 0.19 0.00	19.16 0.18 0.00	16.65 0.20 0.00	19.09 0.12 0.00	20.62 0.08 0.00	20.64 0.08 0.00	21.76 0.06 0.00	23.15 0.08 0.00	22.93 0.07 0.00	23.19 0.03 0.00	24.21 0.06 0.00	27.65 0.20 0.00	28.82 0.21 0.00	29.52 0.42 2.11	29.09 0.60 0.23	30.91 0.68 0.00	36.25 0.68 0.00	30.42 0.47 0.00	25.26 0.43 0.00	24.19 0.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.87 0.65 0.00	20.79 0.50 0.00	17.86 0.43 0.00	21.16 0.56 0.00	20.04 0.51 0.00	19.51 0.52 0.00	16.92 0.48 0.00	19.52 0.56 0.00	21.19 0.65 0.00	21.27 0.71 0.00	22.46 0.76 0.00	23.91 0.84 0.00	23.69 0.83 0.00	24.03 0.87 0.00	25.11 0.96 0.00	28.61 1.15 0.00	29.81 1.20 0.00	32.51 1.31 0.00	29.98 1.26 0.00	31.48 1.25 0.00	36.93 1.36 0.00	31.07 1.13 0.00	25.75 0.91 0.00	24.60 0.82 0.00
VISCHER__FERRY HYD 24020	25.19 0.97 0.00	21.14 0.84 0.00	18.19 0.75 0.00	21.44 0.84 0.00	20.34 0.80 0.00	19.81 0.83 0.00	17.18 0.74 0.00	19.76 0.79 0.00	21.36 0.82 0.00	21.25 0.69 0.00	22.39 0.69 0.00	23.78 0.71 0.00	23.56 0.70 0.00	23.90 0.73 0.00	24.90 0.76 0.00	28.36 0.91 0.00	29.55 0.93 0.00	32.48 1.28 0.00	30.02 1.30 0.00	31.59 1.36 0.00	37.10 1.54 0.00	31.18 1.24 0.00	25.87 1.03 0.00	24.80 1.02 0.00
V_A_10_SYNC_DSASP 323832	22.99 -1.23 0.00	19.24 -1.06 0.00	16.56 -0.88 0.00	19.45 -1.15 0.00	18.51 -1.03 0.00	18.08 -0.91 0.00	15.60 -0.84 0.00	18.24 -0.72 0.00	19.69 -0.86 0.00	19.82 -0.74 0.00	21.02 -0.68 0.00	22.29 -0.78 0.00	22.07 -0.79 0.00	22.34 -0.83 0.00	23.37 -0.78 0.00	26.38 -1.07 0.00	27.18 -1.43 0.00	28.12 -1.52 1.55	26.99 -1.57 0.17	28.67 -1.56 0.00	33.47 -2.10 0.00	28.29 -1.65 0.00	23.73 -1.11 0.00	22.76 -1.02 0.00
V_CMM_10_SYNC_DSASP 323787	23.92 -0.31 0.00	19.99 -0.30 0.00	17.16 -0.27 0.00	20.32 -0.28 0.00	19.27 -0.26 0.00	18.65 -0.34 0.00	16.12 -0.33 0.00	18.60 -0.36 0.00	20.16 -0.39 0.00	20.26 -0.30 0.00	21.40 -0.29 0.00	22.75 -0.32 0.00	22.55 -0.31 0.00	22.78 -0.39 0.00	23.68 -0.46 0.00	26.83 -0.62 0.00	28.08 -0.53 0.00	43.39 -0.71 -12.90	29.43 -0.70 -1.40	29.72 -0.51 0.00	35.10 -0.47 0.00	29.62 -0.32 0.00	24.55 -0.29 0.00	23.49 -0.29 0.00
V_CMP_10_SYNC_DSASP 323788	24.30 0.07 0.00	20.25 -0.04 0.00	17.36 -0.08 0.00	20.51 -0.08 0.00	19.43 -0.11 0.00	18.54 -0.44 0.00	15.60 -0.85 0.00	17.99 -0.97 0.00	19.58 -0.96 0.00	19.68 -0.89 0.00	20.73 -0.97 0.00	22.00 -1.07 0.00	21.79 -1.08 0.00	21.85 -1.32 0.00	22.47 -1.67 0.00	25.62 -1.83 0.00	27.66 -0.95 0.00	23.17 -0.56 7.47	27.39 -0.52 0.81	30.28 0.04 0.00	35.66 0.10 0.00	29.86 -0.09 0.00	25.16 0.32 0.00	24.22 0.44 0.00
V_D_10_SYNC_DSASP 323841	23.99 -0.24 0.00	20.05 -0.24 0.00	17.22 -0.22 0.00	20.36 -0.23 0.00	19.33 -0.21 0.00	18.71 -0.28 0.00	16.17 -0.28 0.00	18.65 -0.31 0.00	20.21 -0.34 0.00	20.31 -0.26 0.00	21.45 -0.24 0.00	22.80 -0.27 0.00	22.60 -0.27 0.00	22.82 -0.35 0.00	23.73 -0.41 0.00	26.87 -0.58 0.00	28.12 -0.49 0.00	51.17 -0.82 -20.78	30.20 -0.78 -2.25	29.83 -0.40 0.00	35.25 -0.32 0.00	29.74 -0.20 0.00	24.65 -0.19 0.00	23.58 -0.20 0.00
V_E_10_SYNC_DSASP 323830	25.31 1.09 0.00	21.24 0.95 0.00	18.21 0.77 0.00	21.71 1.12 0.00	20.53 0.99 0.00	19.99 1.01 0.00	17.35 0.91 0.00	19.95 0.99 0.00	21.63 1.08 0.00	21.70 1.14 0.00	22.71 1.02 0.00	24.22 1.16 0.00	24.01 1.15 0.00	24.38 1.21 0.00	25.65 1.51 0.00	29.21 1.75 0.00	30.49 1.88 0.00	33.34 2.14 0.00	31.06 2.33 0.00	33.00 2.76 0.00	38.38 2.81 0.00	31.93 1.99 0.00	26.38 1.54 0.00	25.13 1.35 0.00
V_F_30_NSYNC__DSASP 323816	25.61 1.39 0.00	21.42 1.13 0.00	18.42 0.98 0.00	21.71 1.12 0.00	20.60 1.07 0.00	20.08 1.10 0.00	17.46 1.02 0.00	20.09 1.12 0.00	21.69 1.14 0.00	21.55 0.99 0.00	22.65 0.95 0.00	24.06 0.99 0.00	23.86 1.00 0.00	24.21 1.04 0.00	25.26 1.12 0.00	28.86 1.40 0.00	30.10 1.49 0.00	33.17 1.97 0.00	30.72 2.00 0.00	32.28 2.04 0.00	37.96 2.39 0.00	31.87 1.92 0.00	26.42 1.58 0.00	25.25 1.48 0.00
V_F_30_SYNC_DSASP 323786	24.86 0.63 0.00	20.99 0.69 0.00	18.05 0.61 0.00	21.26 0.66 0.00	20.16 0.62 0.00	19.64 0.66 0.00	17.01 0.57 0.00	19.49 0.53 0.00	21.10 0.56 0.00	21.05 0.49 0.00	22.23 0.53 0.00	23.62 0.55 0.00	23.38 0.52 0.00	23.73 0.56 0.00	24.72 0.58 0.00	28.16 0.71 0.00	29.35 0.74 0.00	32.16 0.96 0.00	29.65 0.93 0.00	31.16 0.93 0.00	36.55 0.99 0.00	30.72 0.78 0.00	25.48 0.64 0.00	24.40 0.62 0.00

V_XM10_SYNC_DSASP 323789	24.30 0.07 0.00	20.25 -0.04 0.00	17.36 -0.08 0.00	20.51 -0.08 0.00	19.43 -0.11 0.00	18.54 -0.44 0.00	15.60 -0.85 0.00	17.99 -0.97 0.00	19.58 -0.96 0.00	19.68 -0.89 0.00	20.73 -0.97 0.00	22.00 -1.07 0.00	21.79 -1.08 0.00	21.85 -1.32 0.00	22.47 -1.67 0.00	25.62 -1.83 0.00	27.66 -0.95 0.00	23.17 -0.56 7.47	27.39 -0.52 0.81	30.28 0.04 0.00	35.66 0.10 0.00	29.86 -0.09 0.00	25.16 0.32 0.00	24.22 0.44 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.59 1.37 0.00	21.40 1.11 0.00	18.32 0.88 0.00	21.51 0.92 0.00	20.37 0.83 0.00	19.92 0.93 0.00	17.31 0.87 0.00	19.96 1.00 0.00	21.70 1.16 0.00	21.76 1.20 0.00	23.09 1.39 0.00	24.64 1.57 0.00	24.42 1.56 0.00	24.81 1.64 0.00	25.86 1.72 0.00	29.54 2.08 0.00	30.73 2.12 0.00	33.39 2.19 0.00	30.67 1.95 0.00	31.98 1.75 0.00	37.51 1.94 0.00	31.58 1.64 0.00	26.20 1.37 0.00	25.11 1.34 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.84 1.61 0.00	21.63 1.34 0.00	18.51 1.08 0.00	21.72 1.12 0.00	20.57 1.03 0.00	20.12 1.13 0.00	17.47 1.03 0.00	20.14 1.17 0.00	21.91 1.37 0.00	21.97 1.41 0.00	23.34 1.65 0.00	24.92 1.85 0.00	24.67 1.81 0.00	25.07 1.90 0.00	26.12 1.97 0.00	29.85 2.39 0.00	31.03 2.42 0.00	33.68 2.48 0.00	30.91 2.19 0.00	32.20 1.97 0.00	37.81 2.24 0.00	31.88 1.94 0.00	26.45 1.61 0.00	25.33 1.55 0.00
W50THST__13_KV_LOAD 356117	25.97 1.75 0.00	21.73 1.44 0.00	18.61 1.17 0.00	21.82 1.22 0.00	20.67 1.13 0.00	20.22 1.24 0.00	17.59 1.14 0.00	20.28 1.31 0.00	22.07 1.53 0.00	22.14 1.58 0.00	23.53 1.84 0.00	25.13 2.06 0.00	24.90 2.03 0.00	25.30 2.13 0.00	26.36 2.21 0.00	30.13 2.68 0.00	31.31 2.70 0.00	33.97 2.77 0.00	31.15 2.42 0.00	32.43 2.20 0.00	38.07 2.51 0.00	32.10 2.16 0.00	26.62 1.78 0.00	25.49 1.71 0.00
WADING RIVER_IC_1 23522	27.01 1.45 -1.34	43.59 1.38 -21.92	18.43 0.99 0.00	21.60 1.00 0.00	20.33 0.79 0.00	19.81 0.83 0.00	17.38 0.94 0.00	20.12 1.16 0.00	21.80 1.26 0.00	21.70 1.14 0.00	27.14 1.65 -3.79	29.90 1.98 -4.86	31.65 1.97 -6.82	29.62 2.05 -4.41	25.82 1.68 0.00	29.66 2.20 0.00	30.99 2.38 0.00	33.70 2.49 0.00	31.01 2.28 0.00	32.26 2.03 0.00	37.72 2.15 0.00	31.72 1.78 0.00	26.37 1.54 0.00	25.41 1.63 0.00
WADING RIVER_IC_2 23547	27.01 1.45 -1.34	43.59 1.38 -21.92	18.43 0.99 0.00	21.60 1.00 0.00	20.33 0.79 0.00	19.81 0.83 0.00	17.38 0.94 0.00	20.12 1.16 0.00	21.80 1.26 0.00	21.70 1.14 0.00	27.14 1.65 -3.79	29.90 1.98 -4.86	31.65 1.97 -6.82	29.62 2.05 -4.41	25.82 1.68 0.00	29.66 2.20 0.00	30.99 2.38 0.00	33.70 2.49 0.00	31.01 2.28 0.00	32.26 2.03 0.00	37.72 2.15 0.00	31.72 1.78 0.00	26.37 1.54 0.00	25.41 1.63 0.00
WADING RIVER_IC_3 23601	27.01 1.45 -1.34	43.59 1.38 -21.92	18.43 0.99 0.00	21.60 1.00 0.00	20.33 0.79 0.00	19.81 0.83 0.00	17.38 0.94 0.00	20.12 1.16 0.00	21.80 1.26 0.00	21.70 1.14 0.00	27.14 1.65 -3.79	29.90 1.98 -4.86	31.65 1.97 -6.82	29.62 2.05 -4.41	25.82 1.68 0.00	29.66 2.20 0.00	30.99 2.38 0.00	33.70 2.49 0.00	31.01 2.28 0.00	32.26 2.03 0.00	37.72 2.15 0.00	31.72 1.78 0.00	26.37 1.54 0.00	25.41 1.63 0.00
WALDENNY_12_KV_BK2 80841	23.34 -0.88 0.00	19.49 -0.81 0.00	16.78 -0.66 0.00	19.69 -0.91 0.00	18.77 -0.77 0.00	18.35 -0.63 0.00	15.84 -0.60 0.00	18.57 -0.39 0.00	20.09 -0.46 0.00	20.25 -0.31 0.00	21.52 -0.18 0.00	22.85 -0.22 0.00	22.65 -0.21 0.00	22.93 -0.23 0.00	24.05 -0.09 0.00	27.08 -0.37 0.00	27.77 -0.84 0.00	30.32 -0.88 0.00	27.71 -1.01 0.00	29.24 -0.99 0.00	34.11 -1.46 0.00	28.81 -1.13 0.00	24.16 -0.68 0.00	23.15 -0.62 0.00
WALDEN__HYDRO 24148	25.52 1.30 0.00	21.33 1.04 0.00	18.27 0.84 0.00	21.47 0.88 0.00	20.34 0.80 0.00	19.87 0.89 0.00	17.27 0.83 0.00	19.91 0.94 0.00	21.62 1.07 0.00	21.65 1.09 0.00	22.95 1.25 0.00	24.46 1.40 0.00	24.25 1.39 0.00	24.64 1.47 0.00	25.68 1.54 0.00	29.36 1.91 0.00	30.57 1.96 0.00	33.32 2.11 0.00	30.63 1.91 0.00	31.99 1.76 0.00	37.53 1.96 0.00	31.57 1.63 0.00	26.16 1.33 0.00	25.05 1.27 0.00
WARRENSBURG____ 23737	25.57 1.34 0.00	21.30 1.00 0.00	18.29 0.86 0.00	21.58 0.98 0.00	20.48 0.94 0.00	19.98 0.99 0.00	17.43 0.99 0.00	20.08 1.11 0.00	21.67 1.12 0.00	21.48 0.92 0.00	22.44 0.75 0.00	23.83 0.76 0.00	23.62 0.75 0.00	23.91 0.75 0.00	24.98 0.84 0.00	28.62 1.17 0.00	29.82 1.21 0.00	33.01 1.81 0.00	30.72 1.99 0.00	32.21 1.98 0.00	37.99 2.43 0.00	31.88 1.93 0.00	26.44 1.61 0.00	25.23 1.45 0.00
WATERSIDE____6 8 9 23538	25.85 1.63 0.00	21.64 1.35 0.00	18.53 1.10 0.00	21.70 1.11 0.00	20.56 1.03 0.00	20.12 1.13 0.00	17.51 1.06 0.00	20.13 1.17 0.00	21.92 1.37 0.00	21.98 1.42 0.00	23.36 1.66 0.00	24.91 1.84 0.00	24.68 1.82 0.00	25.08 1.91 0.00	26.13 1.98 0.00	28.28 2.39 1.56	28.02 2.38 2.98	33.62 2.43 0.00	30.87 2.14 0.00	32.17 1.94 0.00	37.81 2.24 0.00	30.59 1.95 1.30	26.44 1.60 0.00	22.82 1.55 2.51
WATKINRD_115KV_LN8_ILLION 55919	24.38 0.15 0.00	20.48 0.19 0.00	17.60 0.16 0.00	20.80 0.20 0.00	19.70 0.16 0.00	19.16 0.18 0.00	16.62 0.18 0.00	19.10 0.13 0.00	20.63 0.08 0.00	20.60 0.04 0.00	21.72 0.02 0.00	23.12 0.05 0.00	22.90 0.04 0.00	23.21 0.04 0.00	24.22 0.08 0.00	27.62 0.17 0.00	28.77 0.16 0.00	29.41 0.32 2.11	28.92 0.43 0.23	30.70 0.47 0.00	36.06 0.49 0.00	30.31 0.37 0.00	25.14 0.30 0.00	24.06 0.28 0.00
WATSON__69_KV_BK 1 55734	27.69 2.13 -1.34	44.08 1.87 -21.92	18.87 1.44 0.00	22.09 1.49 0.00	20.76 1.23 0.00	20.28 1.30 0.00	17.70 1.26 0.00	20.49 1.52 0.00	22.23 1.69 0.00	22.25 1.68 0.00	27.73 2.24 -3.79	30.46 2.54 -4.85	32.18 2.51 -6.82	30.09 2.52 -4.41	26.31 2.17 0.00	30.27 2.82 0.00	31.60 2.99 0.00	34.44 3.23 -0.01	31.65 2.92 0.00	32.89 2.66 0.00	38.49 2.92 0.00	32.40 2.46 0.00	26.94 2.10 0.00	25.93 2.16 0.00
WDELAWARE__HYD 323627	24.83 0.61 0.00	20.74 0.44 0.00	17.75 0.31 0.00	20.86 0.27 0.00	19.76 0.23 0.00	19.30 0.32 0.00	16.77 0.33 0.00	19.34 0.38 0.00	21.02 0.47 0.00	21.04 0.48 0.00	22.30 0.60 0.00	23.76 0.69 0.00	23.58 0.72 0.00	24.02 0.86 0.00	25.03 0.89 0.00	28.65 1.20 0.00	29.88 1.27 0.00	32.63 1.43 0.00	30.09 1.36 0.00	31.48 1.24 0.00	36.86 1.30 0.00	30.88 0.94 0.00	25.54 0.70 0.00	24.42 0.64 0.00
WEST BABYLON__IC 23714	27.66 2.10 -1.34	44.03 1.82 -21.92	18.85 1.41 0.00	22.06 1.47 0.00	20.75 1.21 0.00	20.28 1.30 0.00	17.68 1.24 0.00	20.44 1.47 0.00	22.19 1.64 0.00	22.21 1.65 0.00	27.66 2.17 -3.79	30.38 2.45 -4.85	32.07 2.39 -6.82	29.99 2.41 -4.41	26.25 2.11 0.00	30.12 2.67 0.00	31.43 2.82 0.00	34.25 3.05 -0.01	31.48 2.76 0.00	32.71 2.48 0.00	38.32 2.76 0.00	32.33 2.38 0.00	26.90 2.06 0.00	25.88 2.10 0.00

WEST CANADA___HYD 24049	24.30 0.07 0.00	20.35 0.06 0.00	17.50 0.06 0.00	20.65 0.06 0.00	19.60 0.06 0.00	19.06 0.08 0.00	16.52 0.07 0.00	19.04 0.08 0.00	20.63 0.08 0.00	20.62 0.06 0.00	21.75 0.05 0.00	23.12 0.06 0.00	22.91 0.05 0.00	23.24 0.07 0.00	24.22 0.08 0.00	27.56 0.11 0.00	28.69 0.08 0.00	29.23 0.13 2.11	28.64 0.14 0.23	30.35 0.12 0.00	35.66 0.10 0.00	30.02 0.07 0.00	24.91 0.07 0.00	23.85 0.07 0.00
WESTERN_NY_WIND 24143	23.71 -0.51 0.00	19.80 -0.50 0.00	17.02 -0.42 0.00	19.96 -0.64 0.00	19.01 -0.53 0.00	18.59 -0.40 0.00	16.06 -0.39 0.00	18.77 -0.20 0.00	20.25 -0.29 0.00	20.35 -0.22 0.00	21.61 -0.08 0.00	22.94 -0.13 0.00	22.86 0.00 0.00	23.02 -0.15 0.00	24.13 -0.01 0.00	27.15 -0.30 0.00	27.96 -0.65 0.00	29.05 -0.58 1.57	27.96 -0.60 0.17	29.86 -0.37 0.00	34.88 -0.69 0.00	29.41 -0.53 0.00	24.60 -0.24 0.00	23.53 -0.25 0.00
WESTOVER___LESR 323668	23.94 -0.28 0.00	20.02 -0.27 0.00	17.22 -0.21 0.00	20.34 -0.26 0.00	19.34 -0.20 0.00	18.90 -0.09 0.00	16.36 -0.08 0.00	18.97 0.01 0.00	20.54 0.00 0.00	20.59 0.03 0.00	21.71 0.01 0.00	23.11 0.04 0.00	22.91 0.05 0.00	23.26 0.09 0.00	24.36 0.22 0.00	27.68 0.23 0.00	28.69 0.08 0.00	31.20 0.00 0.00	28.72 0.00 0.00	30.16 -0.07 0.00	35.37 -0.19 0.00	29.81 -0.13 0.00	24.69 -0.15 0.00	23.60 -0.17 0.00
WETHRSFD_WT_PWR 323626	23.30 -0.93 0.00	19.46 -0.84 0.00	16.77 -0.67 0.00	19.72 -0.87 0.00	18.81 -0.73 0.00	18.41 -0.57 0.00	15.90 -0.54 0.00	18.60 -0.37 0.00	20.09 -0.45 0.00	20.22 -0.34 0.00	21.42 -0.27 0.00	22.75 -0.31 0.00	22.54 -0.32 0.00	22.86 -0.31 0.00	23.98 -0.16 0.00	27.07 -0.39 0.00	27.81 -0.81 0.00	30.31 -0.89 0.00	27.76 -0.96 0.00	29.25 -0.97 0.00	34.20 -1.37 0.00	28.89 -1.05 0.00	24.17 -0.67 0.00	23.15 -0.63 0.00
WHAVSTOR_138KV_BK127 55557	25.48 1.26 0.00	21.32 1.03 0.00	18.26 0.82 0.00	21.43 0.84 0.00	20.29 0.76 0.00	19.84 0.86 0.00	17.24 0.80 0.00	19.88 0.91 0.00	21.60 1.06 0.00	21.66 1.09 0.00	22.97 1.27 0.00	24.51 1.44 0.00	24.28 1.42 0.00	24.66 1.49 0.00	25.69 1.55 0.00	29.34 1.89 0.00	30.51 1.90 0.00	33.17 1.97 0.00	30.47 1.75 0.00	31.77 1.54 0.00	37.28 1.72 0.00	31.40 1.45 0.00	26.06 1.22 0.00	25.00 1.22 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.48 1.26 0.00	21.32 1.03 0.00	18.26 0.82 0.00	21.43 0.84 0.00	20.29 0.76 0.00	19.84 0.86 0.00	17.24 0.80 0.00	19.88 0.91 0.00	21.60 1.06 0.00	21.66 1.09 0.00	22.97 1.27 0.00	24.51 1.44 0.00	24.28 1.42 0.00	24.66 1.49 0.00	25.69 1.55 0.00	29.34 1.89 0.00	30.51 1.90 0.00	33.17 1.97 0.00	30.47 1.75 0.00	31.77 1.54 0.00	37.28 1.72 0.00	31.40 1.45 0.00	26.06 1.22 0.00	25.00 1.22 0.00
WHITEHAL_115KV_TB1 80871	26.43 2.20 0.00	21.72 1.43 0.00	18.66 1.22 0.00	22.02 1.42 0.00	20.93 1.40 0.00	20.45 1.47 0.00	18.06 1.62 0.00	20.85 1.89 0.00	22.39 1.84 0.00	21.94 1.38 0.00	22.88 1.18 0.00	24.24 1.17 0.00	24.01 1.15 0.00	24.35 1.18 0.00	25.51 1.37 0.00	29.56 2.11 0.00	30.62 2.01 0.00	34.28 3.08 0.00	31.76 3.03 0.00	32.97 2.74 0.00	38.92 3.36 0.00	32.65 2.70 0.00	27.37 2.53 0.00	26.06 2.28 0.00
WHITEPLN_13_KV_LOAD 356215	25.92 1.69 0.00	21.68 1.39 0.00	18.56 1.12 0.00	21.78 1.19 0.00	20.62 1.09 0.00	20.17 1.19 0.00	17.54 1.09 0.00	20.23 1.26 0.00	22.00 1.46 0.00	22.06 1.50 0.00	23.42 1.72 0.00	24.99 1.93 0.00	24.77 1.91 0.00	25.18 2.02 0.00	26.24 2.10 0.00	30.00 2.54 0.00	31.22 2.61 0.00	33.95 2.76 0.00	31.18 2.45 0.00	32.49 2.26 0.00	38.09 2.52 0.00	32.07 2.12 0.00	26.59 1.75 0.00	25.46 1.69 0.00
WM_FLOYD_69_KV_BK2 356380	27.26 1.70 -1.34	43.77 1.56 -21.92	18.59 1.16 0.00	21.77 1.18 0.00	20.49 0.95 0.00	19.99 1.00 0.00	17.49 1.05 0.00	20.25 1.28 0.00	21.95 1.41 0.00	21.90 1.34 0.00	27.35 1.86 -3.79	30.08 2.16 -4.85	31.83 2.15 -6.82	29.79 2.22 -4.41	26.00 1.86 0.00	29.87 2.42 0.00	31.22 2.60 0.00	33.95 2.75 0.00	31.25 2.52 0.00	32.52 2.29 0.00	38.01 2.45 0.00	31.98 2.04 0.00	26.59 1.75 0.00	25.62 1.84 0.00
WOODARD__115KV_TB2 355635	23.58 -0.64 0.00	19.75 -0.55 0.00	16.97 -0.47 0.00	20.01 -0.59 0.00	19.00 -0.53 0.00	18.58 -0.41 0.00	16.12 -0.33 0.00	18.57 -0.40 0.00	20.10 -0.45 0.00	20.10 -0.46 0.00	21.14 -0.55 0.00	22.46 -0.61 0.00	22.27 -0.59 0.00	22.61 -0.56 0.00	23.60 -0.54 0.00	26.85 -0.61 0.00	28.06 -0.56 0.00	27.70 -0.70 2.80	27.79 -0.63 0.30	29.69 -0.54 0.00	34.76 -0.81 0.00	29.12 -0.83 0.00	24.14 -0.70 0.00	23.07 -0.71 0.00
YORK___WARBASSE 23770	25.99 1.76 0.00	21.74 1.45 0.00	18.60 1.16 0.00	21.80 1.20 0.00	20.65 1.12 0.00	20.20 1.22 0.00	17.56 1.12 0.00	20.20 1.24 0.00	22.00 1.46 0.00	22.07 1.51 0.00	23.45 1.75 0.00	24.99 1.92 0.00	24.77 1.91 0.00	25.19 2.02 0.00	26.26 2.11 0.00	39.09 2.53 -9.11	48.50 2.54 -17.35	33.82 2.60 -0.01	31.04 2.31 0.00	32.36 2.13 0.00	38.02 2.46 0.00	39.66 2.11 -7.60	26.59 1.74 -0.02	40.06 1.68 -14.60