

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

06/27/2023

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	35.64	26.07	26.12	25.99	24.45	21.31	24.77	24.46	26.54	26.98	31.31	30.93	30.30	30.04	31.39	31.92	32.49	40.65	34.38	32.76	29.60	34.36	45.13	38.86
24138	1.36	1.24	1.17	1.09	0.99	0.94	1.26	1.35	1.47	1.65	1.84	1.82	1.85	1.91	2.38	2.60	2.62	3.40	2.69	2.42	2.09	2.10	2.17	1.91
	-11.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.06	26.13	26.19	26.07	24.51	21.35	24.81	24.49	26.57	27.00	31.32	30.95	30.31	30.04	31.40	31.92	32.49	40.68	34.43	32.82	29.66	34.44	45.26	38.97
24260	1.43	1.29	1.24	1.16	1.05	0.98	1.30	1.38	1.50	1.67	1.85	1.84	1.86	1.91	2.38	2.60	2.62	3.43	2.74	2.48	2.15	2.19	2.30	2.03
	-12.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.06	26.13	26.19	26.07	24.51	21.35	24.81	24.49	26.57	27.00	31.32	30.95	30.31	30.04	31.40	31.92	32.49	40.68	34.43	32.82	29.66	34.44	45.26	38.97
24261	1.43	1.29	1.24	1.16	1.05	0.98	1.30	1.38	1.50	1.67	1.85	1.84	1.86	1.91	2.38	2.60	2.62	3.43	2.74	2.48	2.15	2.19	2.30	2.03
	-12.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.92	26.37	26.48	26.40	24.84	21.61	25.05	24.67	26.77	27.05	31.21	30.94	30.30	29.82	30.85	31.29	31.79	39.82	34.10	32.67	29.84	34.61	45.84	39.45
24011	1.53	1.53	1.53	1.50	1.38	1.24	1.54	1.56	1.70	1.72	1.73	1.83	1.85	1.68	1.84	1.97	1.92	2.57	2.41	2.33	2.33	2.35	2.88	2.50
	-1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	26.06	26.54	26.61	26.54	24.97	21.76	25.24	24.86	26.97	27.24	31.41	31.14	30.49	30.01	31.10	31.60	32.11	40.20	34.40	32.89	30.06	34.83	46.12	39.77
23798	1.67	1.70	1.66	1.63	1.51	1.38	1.74	1.75	1.90	1.90	1.93	2.04	2.04	1.88	2.09	2.28	2.23	2.95	2.71	2.55	2.55	2.57	3.16	2.82
	-1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.92	26.37	26.48	26.40	24.84	21.61	25.05	24.67	26.77	27.														

ALBANY___4 23574	24.88 0.43 -1.94	25.25 0.41 0.00	25.44 0.49 0.00	25.36 0.46 0.00	23.87 0.41 0.00	20.76 0.39 0.00	23.97 0.47 0.00	23.58 0.47 0.00	25.53 0.46 0.00	25.85 0.52 0.00	29.99 0.51 0.00	29.66 0.56 0.00	29.02 0.56 0.00	28.69 0.56 0.00	29.69 0.67 0.00	30.03 0.71 0.00	30.58 0.70 0.00	38.19 0.94 0.00	32.52 0.84 0.00	31.17 0.83 0.00	28.28 0.76 0.00	32.90 0.64 0.00	43.63 0.67 0.00	37.55 0.60 0.00
ALBANY___LFGE 323615	25.14 0.69 -1.94	25.54 0.70 0.00	25.71 0.76 0.00	25.63 0.73 0.00	24.13 0.67 0.00	20.97 0.60 0.00	24.23 0.72 0.00	23.83 0.72 0.00	25.85 0.78 0.00	26.17 0.84 0.00	30.38 0.90 0.00	30.05 0.94 0.00	29.40 0.95 0.00	29.06 0.93 0.00	30.05 1.04 0.00	30.42 1.10 0.00	30.97 1.10 0.00	38.68 1.44 0.00	32.96 1.27 0.00	31.58 1.24 0.00	28.65 1.13 0.00	33.30 1.04 0.00	44.16 1.20 0.00	38.00 1.05 0.00
ALCOA_PA_115KV_PL-6C 55860	22.38 -0.13 0.00	24.83 -0.01 0.00	24.99 0.04 0.00	24.99 0.09 0.00	23.63 0.17 0.00	20.54 0.17 0.00	23.65 0.14 0.00	23.21 0.10 0.00	25.12 0.05 0.00	25.29 -0.04 0.00	29.53 0.05 0.00	29.13 0.03 0.00	28.43 -0.02 0.00	28.01 -0.12 0.00	28.59 -0.42 0.00	28.70 -0.62 0.00	29.25 -0.62 0.00	35.84 -1.41 0.00	30.44 -1.24 0.00	29.17 -1.16 0.00	26.57 -0.94 0.00	31.92 -0.34 0.00	43.09 0.13 0.00	37.18 0.23 0.00
ALCOA_RYNLDS___DRP 24188	22.38 -0.13 0.00	24.83 -0.01 0.00	24.99 0.04 0.00	24.99 0.09 0.00	23.63 0.17 0.00	20.54 0.17 0.00	23.65 0.14 0.00	23.21 0.10 0.00	25.12 0.05 0.00	25.29 -0.04 0.00	29.53 0.05 0.00	29.13 0.03 0.00	28.43 -0.02 0.00	28.01 -0.12 0.00	28.59 -0.42 0.00	28.70 -0.62 0.00	29.25 -0.62 0.00	35.84 -1.41 0.00	30.44 -1.24 0.00	29.17 -1.16 0.00	26.57 -0.94 0.00	31.92 -0.34 0.00	43.09 0.13 0.00	37.18 0.23 0.00
ALCOA___DSASP 323711	22.38 -0.13 0.00	24.82 -0.02 0.00	24.99 0.04 0.00	24.99 0.09 0.00	23.63 0.17 0.00	20.54 0.16 0.00	23.65 0.14 0.00	23.21 0.10 0.00	25.12 0.05 0.00	25.29 -0.04 0.00	29.53 0.05 0.00	29.13 0.03 0.00	28.43 -0.02 0.00	28.01 -0.12 0.00	28.59 -0.42 0.00	28.70 -0.62 0.00	29.25 -0.62 0.00	35.84 -1.41 0.00	30.44 -1.24 0.00	29.17 -1.16 0.00	26.57 -0.94 0.00	31.92 -0.34 0.00	43.09 0.13 0.00	37.18 0.22 0.00
ALLEGHENY___COGEN 23514	23.22 0.72 0.00	25.50 0.66 0.00	25.44 0.49 0.00	25.20 0.29 0.00	23.52 0.06 0.00	20.66 0.28 0.00	24.12 0.61 0.00	23.59 0.48 0.00	25.11 0.04 0.00	25.09 -0.24 0.00	29.14 -0.34 0.00	28.84 -0.27 0.00	28.24 -0.21 0.00	27.95 -0.18 0.00	29.32 0.32 0.00	30.14 0.83 0.00	30.92 1.05 0.00	38.83 1.58 0.00	33.22 1.53 0.00	31.87 1.53 0.00	29.34 1.82 0.00	34.12 1.86 0.00	45.39 2.43 0.00	38.91 1.96 0.00
ALTAMONT_115KV_TB 2 55880	25.07 0.70 -1.86	25.56 0.73 0.00	25.72 0.77 0.00	25.67 0.77 0.00	24.16 0.70 0.00	20.95 0.58 0.00	24.22 0.71 0.00	23.82 0.71 0.00	25.83 0.76 0.00	26.15 0.82 0.00	30.33 0.85 0.00	29.98 0.88 0.00	29.35 0.89 0.00	29.03 0.89 0.00	30.04 1.03 0.00	30.40 1.08 0.00	30.93 1.06 0.00	38.64 1.40 0.00	32.91 1.23 0.00	31.54 1.20 0.00	28.60 1.09 0.00	33.30 1.04 0.00	44.17 1.21 0.00	38.02 1.07 0.00
ALTONA_WT_PWR 323606	22.31 -0.20 0.00	24.88 0.05 0.00	25.27 0.32 0.00	25.41 0.51 0.00	24.10 0.64 0.00	20.87 0.50 0.00	24.15 0.65 0.00	23.72 0.61 0.00	25.73 0.66 0.00	25.87 0.53 0.00	30.01 0.53 0.00	29.56 0.46 0.00	28.91 0.46 0.00	28.58 0.45 0.00	29.28 0.27 0.00	29.63 0.31 0.00	30.09 0.22 0.00	37.26 0.02 0.00	31.72 0.04 0.00	30.39 0.05 0.00	27.90 0.38 0.00	32.90 0.64 0.00	43.62 0.66 0.00	37.71 0.76 0.00
AMERICAN_REF_FUEL 24010	22.70 0.19 0.00	24.96 0.12 0.00	25.01 0.06 0.00	24.84 -0.07 0.00	23.20 -0.26 0.00	20.18 -0.19 0.00	23.38 -0.13 0.00	22.73 -0.38 0.00	24.77 -0.30 0.00	24.87 -0.46 0.00	28.77 -0.71 0.00	28.44 -0.66 0.00	27.78 -0.67 0.00	27.68 -0.45 0.00	29.14 0.13 0.00	29.20 -0.12 0.00	29.60 -0.27 0.00	36.96 -0.28 0.00	31.62 -0.06 0.00	30.32 -0.02 0.00	27.51 -0.01 0.00	31.73 -0.53 0.00	42.49 -0.47 0.00	36.69 -0.26 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.29 0.78 0.00	25.47 0.64 0.00	25.42 0.47 0.00	25.28 0.37 0.00	23.61 0.15 0.00	20.51 0.14 0.00	23.96 0.45 0.00	23.42 0.31 0.00	25.43 0.36 0.00	25.66 0.33 0.00	29.91 0.44 0.00	29.64 0.54 0.00	28.83 0.38 0.00	28.75 0.62 0.00	30.25 1.24 0.00	30.05 0.73 0.00	30.43 0.56 0.00	37.77 0.52 0.00	32.34 0.66 0.00	31.18 0.84 0.00	28.11 0.60 0.00	32.31 0.05 0.00	43.18 0.22 0.00	37.43 0.48 0.00
ARTHUR_KILL_GT_1 23520	35.91 1.29 -12.11	26.01 1.17 0.00	26.05 1.10 0.00	25.91 1.01 0.00	24.37 0.91 0.00	21.24 0.86 0.00	24.64 1.13 0.00	24.30 1.19 0.00	26.33 1.26 0.00	26.73 1.40 0.00	30.88 1.40 0.00	30.53 1.42 0.00	29.92 1.47 0.00	29.68 1.55 0.00	30.96 1.95 0.00	31.48 2.17 0.00	32.05 2.18 0.00	40.17 2.93 0.00	34.06 2.38 0.00	32.47 2.14 0.00	29.40 1.89 0.00	34.07 1.81 0.00	39.94 1.71 4.73	38.44 1.49 0.01
ARTHUR_KILL_2 23512	35.84 1.22 -12.11	25.93 1.10 0.00	25.98 1.03 0.00	25.84 0.93 0.00	24.30 0.84 0.00	21.18 0.81 0.00	24.57 1.06 0.00	24.22 1.11 0.00	26.25 1.19 0.00	26.65 1.31 0.00	30.78 1.31 0.00	30.42 1.32 0.00	29.83 1.39 0.00	29.58 1.45 0.00	30.85 1.85 0.00	31.37 2.05 0.00	31.94 2.07 0.00	40.03 2.78 0.00	33.94 2.25 0.00	32.36 2.02 0.00	29.30 1.79 0.00	33.96 1.70 0.00	39.79 1.56 4.73	38.32 1.37 0.01
ARTHUR_KILL_3 23513	35.59 1.13 -11.95	25.82 0.98 0.00	25.87 0.92 0.00	25.75 0.84 0.00	24.23 0.77 0.00	21.11 0.73 0.00	24.47 0.97 0.00	24.14 1.03 0.00	26.16 1.09 0.00	26.59 1.26 0.00	30.84 1.36 0.00	30.47 1.36 0.00	29.84 1.39 0.00	29.59 1.46 0.00	30.91 1.90 0.00	31.43 2.12 0.00	32.01 2.13 0.00	40.05 2.80 0.00	33.90 2.21 0.00	32.33 1.99 0.00	29.21 1.70 0.00	33.90 1.64 0.00	39.82 1.59 4.73	38.40 1.45 0.00
ARTHUR_KILL_COGEN 323718	35.91 1.29 -12.11	26.01 1.17 0.00	26.05 1.10 0.00	25.91 1.01 0.00	24.37 0.91 0.00	21.24 0.86 0.00	24.64 1.13 0.00	24.30 1.19 0.00	26.33 1.26 0.00	26.73 1.40 0.00	30.88 1.40 0.00	30.53 1.42 0.00	29.92 1.47 0.00	29.68 1.55 0.00	30.96 1.95 0.00	31.48 2.17 0.00	32.05 2.18 0.00	40.17 2.93 0.00	34.06 2.38 0.00	32.47 2.14 0.00	29.40 1.89 0.00	34.07 1.81 0.00	39.94 1.71 4.73	38.44 1.49 0.01
ASHOKAN____ 23654	24.25 0.86 -0.89	25.71 0.87 0.00	25.87 0.92 0.00	25.83 0.93 0.00	24.34 0.88 0.00	21.10 0.73 0.00	24.37 0.86 0.00	24.09 0.98 0.00	26.11 1.04 0.00	26.58 1.25 0.00	30.86 1.38 0.00	30.55 1.45 0.00	29.85 1.40 0.00	29.50 1.36 0.00	30.50 1.49 0.00	30.85 1.54 0.00	31.39 1.52 0.00	39.09 1.84 0.00	33.34 1.65 0.00	31.97 1.63 0.00	29.00 1.49 0.00	33.69 1.43 0.00	44.50 1.54 0.00	38.24 1.29 0.00

ASTORIA_EAST_ENERGY_CC1 323581	35.85 1.23 -12.11	25.96 1.12 0.00	25.97 1.02 0.00	25.82 0.92 0.00	24.29 0.83 0.00	21.19 0.81 0.00	24.57 1.06 0.00	24.20 1.09 0.00	26.24 1.17 0.00	26.65 1.32 0.00	30.89 1.42 0.00	30.53 1.42 0.00	29.89 1.44 0.00	29.64 1.51 0.00	31.02 2.00 0.00	31.52 2.20 0.00	32.07 2.19 0.00	40.15 2.90 0.00	34.01 2.32 0.00	32.45 2.12 0.00	29.34 1.83 0.00	34.08 1.82 0.00	44.79 1.83 0.00	38.65 1.71 0.00
ASTORIA_EAST_ENERGY_CC2 323582	35.85 1.23 -12.11	25.96 1.12 0.00	25.97 1.02 0.00	25.82 0.92 0.00	24.29 0.83 0.00	21.19 0.81 0.00	24.57 1.06 0.00	24.20 1.09 0.00	26.24 1.17 0.00	26.65 1.32 0.00	30.89 1.42 0.00	30.53 1.42 0.00	29.89 1.44 0.00	29.64 1.51 0.00	31.02 2.00 0.00	31.52 2.20 0.00	32.07 2.19 0.00	40.15 2.90 0.00	34.01 2.32 0.00	32.45 2.12 0.00	29.34 1.83 0.00	34.08 1.82 0.00	44.79 1.83 0.00	38.65 1.71 0.00
ASTORIA_GT2_1 24094	35.87 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.22 1.11 0.00	26.27 1.19 0.00	26.67 1.34 0.00	30.91 1.43 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.65 1.52 0.00	31.04 2.03 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.03 2.34 0.00	32.47 2.13 0.00	29.36 1.85 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.67 1.71 0.00
ASTORIA_GT2_2 24095	35.87 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.22 1.11 0.00	26.27 1.19 0.00	26.67 1.34 0.00	30.91 1.43 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.65 1.52 0.00	31.04 2.03 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.03 2.34 0.00	32.47 2.13 0.00	29.36 1.85 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.67 1.71 0.00
ASTORIA_GT2_3 24096	35.87 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.22 1.11 0.00	26.27 1.19 0.00	26.67 1.34 0.00	30.91 1.43 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.65 1.52 0.00	31.04 2.03 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.03 2.34 0.00	32.47 2.13 0.00	29.36 1.85 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.67 1.71 0.00
ASTORIA_GT2_4 24097	35.87 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.22 1.11 0.00	26.27 1.19 0.00	26.67 1.34 0.00	30.91 1.43 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.65 1.52 0.00	31.04 2.03 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.03 2.34 0.00	32.47 2.13 0.00	29.36 1.85 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.67 1.71 0.00
ASTORIA_GT3_1 24098	35.87 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.22 1.11 0.00	26.27 1.19 0.00	26.67 1.34 0.00	30.91 1.43 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.65 1.52 0.00	31.04 2.03 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.03 2.34 0.00	32.47 2.13 0.00	29.36 1.85 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.67 1.71 0.00
ASTORIA_GT3_2 24099	35.87 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.22 1.11 0.00	26.27 1.19 0.00	26.67 1.34 0.00	30.91 1.43 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.65 1.52 0.00	31.04 2.03 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.03 2.34 0.00	32.47 2.13 0.00	29.36 1.85 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.67 1.71 0.00
ASTORIA_GT3_3 24100	35.87 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.22 1.11 0.00	26.27 1.19 0.00	26.67 1.34 0.00	30.91 1.43 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.65 1.52 0.00	31.04 2.03 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.03 2.34 0.00	32.47 2.13 0.00	29.36 1.85 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.67 1.71 0.00
ASTORIA_GT3_4 24101	35.87 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.22 1.11 0.00	26.27 1.19 0.00	26.67 1.34 0.00	30.91 1.43 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.65 1.52 0.00	31.04 2.03 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.03 2.34 0.00	32.47 2.13 0.00	29.36 1.85 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.67 1.71 0.00
ASTORIA_GT4_1 24102	35.87 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.22 1.11 0.00	26.27 1.19 0.00	26.67 1.34 0.00	30.91 1.43 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.65 1.52 0.00	31.04 2.03 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.03 2.34 0.00	32.47 2.13 0.00	29.36 1.85 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.67 1.71 0.00
ASTORIA_GT4_2 24103	35.87 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.22 1.11 0.00	26.27 1.19 0.00	26.67 1.34 0.00	30.91 1.43 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.65 1.52 0.00	31.04 2.03 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.03 2.34 0.00	32.47 2.13 0.00	29.36 1.85 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.67 1.71 0.00
ASTORIA_GT4_3 24104	35.87 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.22 1.11 0.00	26.27 1.19 0.00	26.67 1.34 0.00	30.91 1.43 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.65 1.52 0.00	31.04 2.03 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.03 2.34 0.00	32.47 2.13 0.00	29.36 1.85 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.67 1.71 0.00
ASTORIA_GT4_4 24105	35.87 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.22 1.11 0.00	26.27 1.19 0.00	26.67 1.34 0.00	30.91 1.43 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.65 1.52 0.00	31.04 2.03 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.03 2.34 0.00	32.47 2.13 0.00	29.36 1.85 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.67 1.71 0.00
ASTORIA_GT_1 23523	35.91 1.29 -12.11	26.02 1.19 0.00	26.03 1.08 0.00	25.87 0.97 0.00	24.34 0.88 0.00	21.23 0.86 0.00	24.63 1.12 0.00	24.27 1.16 0.00	26.32 1.25 0.00	26.73 1.40 0.00	30.97 1.50 0.00	30.61 1.50 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.10 2.09 0.00	31.61 2.30 0.00	32.16 2.29 0.00	40.26 3.01 0.00	32.55 2.42 0.00	29.43 1.92 0.00	34.18 1.92 0.00	44.91 1.95 0.00	38.75 1.80 0.00	

ASTORIA_GT_10 24110	35.86 1.24 -12.11	25.95 1.11 0.00	25.99 1.04 0.00	25.86 0.95 0.00	24.32 0.86 0.00	21.20 0.82 0.00	24.61 1.10 0.00	24.27 1.17 0.00	26.31 1.24 0.00	26.73 1.40 0.00	31.01 1.54 0.00	30.64 1.54 0.00	30.01 1.56 0.00	29.75 1.62 0.00	31.10 2.09 0.00	31.61 2.29 0.00	32.16 2.29 0.00	40.25 3.01 0.00	34.10 2.41 0.00	32.52 2.19 0.00	29.40 1.89 0.00	34.15 1.89 0.00	44.84 1.88 0.00	38.63 1.68 0.00
ASTORIA_GT_11 24225	35.86 1.24 -12.11	25.95 1.11 0.00	25.99 1.04 0.00	25.86 0.95 0.00	24.32 0.86 0.00	21.20 0.82 0.00	24.61 1.10 0.00	24.27 1.17 0.00	26.31 1.24 0.00	26.73 1.40 0.00	31.01 1.54 0.00	30.64 1.54 0.00	30.01 1.56 0.00	29.75 1.62 0.00	31.10 2.09 0.00	31.61 2.29 0.00	32.16 2.29 0.00	40.25 3.01 0.00	34.10 2.41 0.00	32.52 2.19 0.00	29.40 1.89 0.00	34.15 1.89 0.00	44.84 1.88 0.00	38.63 1.68 0.00
ASTORIA_GT_12 24226	35.86 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.86 0.95 0.00	24.32 0.86 0.00	21.20 0.82 0.00	24.61 1.11 0.00	24.27 1.16 0.00	26.31 1.24 0.00	26.73 1.39 0.00	31.01 1.54 0.00	30.64 1.54 0.00	30.01 1.56 0.00	29.75 1.62 0.00	31.09 2.08 0.00	31.61 2.29 0.00	32.16 2.29 0.00	40.25 3.01 0.00	34.10 2.41 0.00	32.52 2.19 0.00	29.40 1.89 0.00	34.15 1.89 0.00	44.84 1.89 0.00	38.64 1.69 0.00
ASTORIA_GT_13 24227	35.86 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.86 0.95 0.00	24.32 0.86 0.00	21.20 0.82 0.00	24.61 1.11 0.00	24.27 1.16 0.00	26.31 1.24 0.00	26.73 1.39 0.00	31.01 1.54 0.00	30.64 1.54 0.00	30.01 1.56 0.00	29.75 1.62 0.00	31.09 2.08 0.00	31.61 2.29 0.00	32.16 2.29 0.00	40.25 3.01 0.00	34.10 2.41 0.00	32.52 2.19 0.00	29.40 1.89 0.00	34.15 1.89 0.00	44.84 1.89 0.00	38.64 1.69 0.00
ASTORIA_GT_5 24106	35.91 1.29 -12.11	26.02 1.19 0.00	26.03 1.08 0.00	25.87 0.97 0.00	24.34 0.88 0.00	21.23 0.86 0.00	24.63 1.12 0.00	24.27 1.16 0.00	26.32 1.25 0.00	26.73 1.40 0.00	30.97 1.50 0.00	30.61 1.50 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.10 2.09 0.00	31.61 2.30 0.00	32.16 2.29 0.00	40.26 3.01 0.00	34.11 2.42 0.00	32.55 2.21 0.00	29.43 1.92 0.00	34.18 1.92 0.00	44.91 1.95 0.00	38.75 1.80 0.00
ASTORIA_GT_7 24107	35.91 1.29 -12.11	26.02 1.19 0.00	26.03 1.08 0.00	25.87 0.97 0.00	24.34 0.88 0.00	21.23 0.86 0.00	24.63 1.12 0.00	24.27 1.16 0.00	26.32 1.25 0.00	26.73 1.40 0.00	30.97 1.50 0.00	30.61 1.50 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.10 2.09 0.00	31.61 2.30 0.00	32.16 2.29 0.00	40.26 3.01 0.00	34.11 2.42 0.00	32.55 2.21 0.00	29.43 1.92 0.00	34.18 1.92 0.00	44.91 1.95 0.00	38.75 1.80 0.00
ASTORIA_GT_8 24108	35.91 1.29 -12.11	26.01 1.17 0.00	26.03 1.08 0.00	25.87 0.97 0.00	24.34 0.88 0.00	21.23 0.86 0.00	24.62 1.11 0.00	24.27 1.16 0.00	26.32 1.25 0.00	26.73 1.40 0.00	30.98 1.50 0.00	30.61 1.51 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.11 2.10 0.00	31.61 2.30 0.00	32.16 2.29 0.00	40.26 3.02 0.00	34.11 2.42 0.00	32.55 2.21 0.00	29.43 1.92 0.00	34.18 1.92 0.00	44.91 1.95 0.00	38.74 1.80 0.00
ASTORIA___2 24149	35.87 1.25 -12.11	25.98 1.14 0.00	25.98 1.03 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.20 0.82 0.00	24.58 1.07 0.00	24.22 1.11 0.00	26.27 1.20 0.00	26.67 1.34 0.00	30.91 1.43 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.65 1.52 0.00	31.04 2.02 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.03 2.34 0.00	32.47 2.13 0.00	29.35 1.84 0.00	34.10 1.84 0.00	44.81 1.85 0.00	38.67 1.72 0.00
ASTORIA___3 23516	35.86 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.86 0.95 0.00	24.32 0.86 0.00	21.20 0.82 0.00	24.61 1.11 0.00	24.27 1.16 0.00	26.31 1.24 0.00	26.73 1.39 0.00	31.01 1.54 0.00	30.64 1.54 0.00	30.01 1.56 0.00	29.75 1.62 0.00	31.09 2.08 0.00	31.61 2.29 0.00	32.16 2.29 0.00	40.25 3.01 0.00	34.10 2.41 0.00	32.52 2.19 0.00	29.40 1.89 0.00	34.15 1.89 0.00	44.84 1.89 0.00	38.63 1.69 0.00
ASTORIA___4 23517	35.86 1.24 -12.11	25.95 1.11 0.00	25.99 1.04 0.00	25.86 0.95 0.00	24.32 0.86 0.00	21.20 0.82 0.00	24.61 1.10 0.00	24.27 1.17 0.00	26.30 1.23 0.00	26.73 1.40 0.00	31.01 1.54 0.00	30.64 1.54 0.00	30.01 1.56 0.00	29.75 1.62 0.00	31.10 2.09 0.00	31.61 2.29 0.00	32.16 2.29 0.00	40.25 3.01 0.00	34.10 2.41 0.00	32.52 2.19 0.00	29.40 1.89 0.00	34.15 1.89 0.00	44.84 1.88 0.00	38.63 1.68 0.00
ASTORIA___5 23518	35.86 1.24 -12.11	25.96 1.12 0.00	25.99 1.04 0.00	25.86 0.95 0.00	24.32 0.86 0.00	21.20 0.82 0.00	24.61 1.11 0.00	24.27 1.16 0.00	26.31 1.24 0.00	26.73 1.39 0.00	31.01 1.54 0.00	30.64 1.54 0.00	30.01 1.56 0.00	29.75 1.62 0.00	31.09 2.08 0.00	31.61 2.29 0.00	32.16 2.29 0.00	40.25 3.01 0.00	34.10 2.41 0.00	32.52 2.19 0.00	29.40 1.89 0.00	34.15 1.89 0.00	44.84 1.89 0.00	38.64 1.69 0.00
AST_ENERGY_2_CC3 323677	35.65 1.20 -11.95	25.90 1.06 0.00	25.95 1.00 0.00	25.82 0.92 0.00	24.29 0.83 0.00	21.16 0.79 0.00	24.56 1.06 0.00	24.24 1.13 0.00	26.28 1.21 0.00	26.70 1.37 0.00	30.98 1.50 0.00	30.60 1.49 0.00	29.97 1.52 0.00	29.71 1.58 0.00	31.04 2.03 0.00	31.56 2.24 0.00	32.14 2.26 0.00	40.23 2.98 0.00	34.05 2.37 0.00	32.48 2.14 0.00	29.35 1.84 0.00	34.08 1.82 0.00	44.79 1.83 0.00	38.58 1.62 0.00
AST_ENERGY_2_CC4 323678	35.65 1.20 -11.95	25.90 1.06 0.00	25.95 1.00 0.00	25.82 0.92 0.00	24.29 0.83 0.00	21.16 0.79 0.00	24.56 1.06 0.00	24.24 1.13 0.00	26.28 1.21 0.00	26.70 1.37 0.00	30.98 1.50 0.00	30.60 1.49 0.00	29.97 1.52 0.00	29.71 1.58 0.00	31.04 2.03 0.00	31.56 2.24 0.00	32.14 2.26 0.00	40.23 2.98 0.00	34.05 2.37 0.00	32.48 2.14 0.00	29.35 1.84 0.00	34.08 1.82 0.00	44.79 1.83 0.00	38.58 1.62 0.00
ATHENS_STG_1 23668	25.30 0.79 -2.00	25.61 0.78 0.00	25.75 0.80 0.00	25.70 0.79 0.00	24.18 0.72 0.00	20.94 0.57 0.00	24.24 0.73 0.00	23.88 0.77 0.00	25.89 0.82 0.00	26.21 0.88 0.00	30.36 0.88 0.00	30.00 0.89 0.00	29.36 0.90 0.00	29.06 0.93 0.00	30.17 1.15 0.00	30.57 1.25 0.00	31.11 1.24 0.00	38.90 1.65 0.00	33.08 1.39 0.00	31.65 1.32 0.00	28.67 1.16 0.00	33.36 1.10 0.00	44.23 1.27 0.00	38.11 1.16 0.00
ATHENS_STG_2 23670	25.30 0.79 -2.00	25.61 0.78 0.00	25.75 0.80 0.00	25.70 0.79 0.00	24.18 0.72 0.00	20.94 0.57 0.00	24.24 0.73 0.00	23.88 0.77 0.00	25.89 0.82 0.00	26.21 0.88 0.00	30.36 0.88 0.00	30.00 0.89 0.00	29.36 0.90 0.00	29.06 0.93 0.00	30.17 1.15 0.00	30.57 1.25 0.00	31.11 1.24 0.00	38.90 1.65 0.00	33.08 1.39 0.00	31.65 1.32 0.00	28.67 1.16 0.00	33.36 1.10 0.00	44.23 1.27 0.00	38.11 1.16 0.00

ATHENS_STG_3 23677	25.30 0.79 -2.00	25.61 0.78 0.00	25.75 0.80 0.00	25.70 0.79 0.00	24.18 0.72 0.00	20.94 0.57 0.00	24.24 0.73 0.00	23.88 0.77 0.00	25.89 0.82 0.00	26.21 0.88 0.00	30.36 0.88 0.00	30.00 0.89 0.00	29.36 0.90 0.00	29.06 0.93 0.00	30.17 1.15 0.00	30.57 1.25 0.00	31.11 1.24 0.00	38.90 1.65 0.00	33.08 1.39 0.00	31.65 1.32 0.00	28.67 1.16 0.00	33.36 1.10 0.00	44.23 1.27 0.00	38.11 1.16 0.00
AUBURN____LFGE 323710	22.93 0.42 0.00	25.20 0.36 0.00	25.29 0.33 0.00	25.06 0.16 0.00	23.58 0.12 0.00	20.58 0.21 0.00	23.96 0.45 0.00	23.51 0.40 0.00	25.42 0.35 0.00	25.77 0.43 -0.01	30.33 0.38 -0.47	29.44 0.27 -0.06	28.79 0.30 -0.03	28.55 0.42 0.00	29.75 0.74 0.00	29.92 0.59 0.00	30.50 0.63 0.00	39.12 1.27 -0.60	32.97 1.12 -0.16	31.53 1.06 -0.13	28.47 0.83 -0.13	34.57 0.78 -1.54	45.03 0.77 -1.30	38.28 0.65 -0.68
BABYLON_RES_REC 323704	186.42 2.03 -161.88	49.83 2.02 -22.96	43.18 1.89 -16.34	26.62 1.72 0.00	24.86 1.40 0.00	21.65 1.28 0.00	25.28 1.77 0.00	24.93 1.82 0.00	27.14 2.07 0.00	28.07 1.88 -0.86	32.08 2.06 -0.54	30.96 1.86 0.00	30.33 1.88 0.00	30.78 1.89 -0.76	48.73 2.46 -17.26	99.41 2.67 -67.42	168.84 2.74 -136.23	186.72 3.58 -145.89	271.45 2.98 -236.79	106.24 2.80 -73.10	134.58 2.60 -104.47	75.48 2.78 -40.45	48.54 3.69 -1.88	40.12 3.16 -0.01
BABYLON__69_KV_BK2 356345	186.77 2.38 -161.88	50.10 2.30 -22.96	43.53 2.23 -16.34	26.95 2.04 0.00	25.15 1.69 0.00	21.88 1.51 0.00	25.56 2.06 0.00	25.23 2.12 0.00	27.47 2.40 0.00	28.58 2.39 -0.86	32.72 2.69 -0.54	31.61 2.51 0.00	31.00 2.54 0.00	31.50 2.61 -0.76	49.51 3.24 -17.26	117.14 3.49 -84.33	176.46 3.54 -143.05	188.86 4.47 -147.15	272.20 3.73 -236.79	106.92 3.49 -73.10	135.23 3.25 -104.47	76.16 3.46 -40.45	49.18 4.34 -1.88	40.63 3.67 -0.01
BARON_WINDS____WT_PWR 323822	22.78 0.27 0.00	24.99 0.15 0.00	24.97 0.02 0.00	24.85 -0.05 0.00	23.25 -0.21 0.00	20.33 -0.05 0.00	23.71 0.20 0.00	23.29 0.18 0.00	25.40 0.34 0.00	25.59 0.26 0.00	29.47 -0.01 0.00	29.07 -0.04 0.00	28.39 -0.06 0.00	28.20 0.06 0.00	29.57 0.56 0.00	29.69 0.37 0.00	30.28 0.41 0.00	38.13 0.74 -0.14	32.40 0.68 -0.04	30.82 0.45 -0.03	27.96 0.41 -0.03	32.66 0.04 -0.36	43.42 0.15 -0.30	37.21 0.11 -0.16
BARRETT_IC_1 23704	186.04 1.65 -161.88	49.39 1.59 -22.96	42.78 1.49 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.98 1.47 0.00	24.63 1.53 0.00	26.77 1.70 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.94 2.50 -73.10	134.18 2.20 -104.47	75.02 2.31 -40.45	47.57 2.73 -1.88	39.40 2.44 -0.01
BARRETT_IC_10 23701	186.04 1.65 -161.88	49.39 1.59 -22.96	42.78 1.49 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.98 1.47 0.00	24.63 1.53 0.00	26.77 1.70 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.94 2.50 -73.10	134.18 2.20 -104.47	75.02 2.31 -40.45	47.57 2.73 -1.88	39.40 2.44 -0.01
BARRETT_IC_11 23702	186.04 1.65 -161.88	49.39 1.59 -22.96	42.78 1.49 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.98 1.47 0.00	24.63 1.53 0.00	26.77 1.70 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.94 2.50 -73.10	134.18 2.20 -104.47	75.02 2.31 -40.45	47.57 2.73 -1.88	39.40 2.44 -0.01
BARRETT_IC_12 23703	186.04 1.65 -161.88	49.39 1.59 -22.96	42.78 1.49 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.98 1.47 0.00	24.63 1.53 0.00	26.77 1.70 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.94 2.50 -73.10	134.18 2.20 -104.47	75.02 2.31 -40.45	47.57 2.73 -1.88	39.40 2.44 -0.01
BARRETT_IC_2 23705	186.04 1.65 -161.88	49.39 1.59 -22.96	42.78 1.49 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.98 1.47 0.00	24.63 1.53 0.00	26.77 1.70 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.94 2.50 -73.10	134.18 2.20 -104.47	75.02 2.31 -40.45	47.57 2.73 -1.88	39.40 2.44 -0.01
BARRETT_IC_3 23706	186.04 1.65 -161.88	49.39 1.59 -22.96	42.78 1.49 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.98 1.47 0.00	24.63 1.53 0.00	26.77 1.70 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.94 2.50 -73.10	134.18 2.20 -104.47	75.02 2.31 -40.45	47.57 2.73 -1.88	39.40 2.44 -0.01
BARRETT_IC_4 23707	186.04 1.65 -161.88	49.39 1.59 -22.96	42.78 1.49 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.98 1.47 0.00	24.63 1.53 0.00	26.77 1.70 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.94 2.50 -73.10	134.18 2.20 -104.47	75.02 2.31 -40.45	47.57 2.73 -1.88	39.40 2.44 -0.01
BARRETT_IC_5 23708	186.04 1.65 -161.88	49.39 1.59 -22.96	42.78 1.49 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.98 1.47 0.00	24.63 1.53 0.00	26.77 1.70 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.94 2.50 -73.10	134.18 2.20 -104.47	75.02 2.31 -40.45	47.57 2.73 -1.88	39.40 2.44 -0.01
BARRETT_IC_6 23709	186.04 1.65 -161.88	49.39 1.59 -22.96	42.78 1.49 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.98 1.47 0.00	24.63 1.53 0.00	26.77 1.70 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.94 2.50 -73.10	134.18 2.20 -104.47	75.02 2.31 -40.45	47.57 2.73 -1.88	39.40 2.44 -0.01
BARRETT_IC_7 23710	186.05 1.66 -161.88	49.35 1.55 -22.96	42.77 1.48 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.97 1.47 0.00	24.64 1.53 0.00	26.76 1.69 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.95 2.51 -73.10	134.18 2.20 -104.47	75.01 2.31 -40.45	47.56 2.72 -1.88	39.38 2.42 -0.01

BARRETT_IC_8 23711	186.04 1.65 -161.88	49.39 1.59 -22.96	42.78 1.49 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.98 1.47 0.00	24.63 1.53 0.00	26.77 1.70 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.94 2.50 -73.10	134.18 2.20 -104.47	75.02 2.31 -40.45	47.57 2.73 -1.88	39.40 2.44 -0.01
BARRETT_IC_9 23700	186.04 1.65 -161.88	49.39 1.59 -22.96	42.78 1.49 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.98 1.47 0.00	24.63 1.53 0.00	26.77 1.70 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.94 2.50 -73.10	134.18 2.20 -104.47	75.02 2.31 -40.45	47.57 2.73 -1.88	39.40 2.44 -0.01
BARRETT___1 23545	186.04 1.65 -161.88	49.39 1.59 -22.96	42.78 1.49 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.98 1.47 0.00	24.63 1.53 0.00	26.77 1.70 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.94 2.50 -73.10	134.18 2.20 -104.47	75.02 2.31 -40.45	47.57 2.73 -1.88	39.40 2.44 -0.01
BARRETT___2 23546	186.04 1.65 -161.88	49.39 1.59 -22.96	42.78 1.49 -16.34	26.32 1.42 0.00	24.65 1.19 0.00	21.45 1.08 0.00	24.98 1.47 0.00	24.63 1.53 0.00	26.77 1.70 0.00	27.95 1.77 -0.86	31.94 1.92 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.63 2.36 -17.26	87.89 2.46 -56.11	164.03 2.48 -131.68	185.57 3.28 -145.05	271.20 2.73 -236.79	105.94 2.50 -73.10	134.18 2.20 -104.47	75.02 2.31 -40.45	47.57 2.73 -1.88	39.40 2.44 -0.01
BATAVIA___115KV_TB1 55881	23.52 1.01 0.00	25.94 1.10 0.00	25.89 0.94 0.00	25.72 0.82 0.00	24.05 0.59 0.00	20.97 0.59 0.00	24.35 0.85 0.00	23.74 0.64 0.00	25.90 0.83 0.00	25.95 0.62 0.00	30.16 0.68 0.00	29.83 0.72 0.00	29.14 0.69 0.00	29.01 0.88 0.00	30.49 1.48 0.00	30.58 1.26 0.00	31.02 1.14 0.00	38.71 1.46 0.00	33.14 1.46 0.00	31.76 1.42 0.00	28.81 1.30 0.00	33.30 1.04 0.00	44.40 1.44 0.00	38.25 1.30 0.00
BAYONEEC___CTG1 323682	35.68 1.22 -11.95	25.93 1.09 0.00	25.97 1.03 0.00	25.85 0.95 0.00	24.31 0.85 0.00	21.18 0.81 0.00	24.58 1.07 0.00	24.25 1.14 0.00	26.29 1.22 0.00	26.71 1.38 0.00	30.98 1.51 0.00	30.60 1.49 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.04 2.03 0.00	31.57 2.25 0.00	32.14 2.26 0.00	40.22 2.97 0.00	34.05 2.37 0.00	32.48 2.14 0.00	29.35 1.84 0.00	34.07 1.82 0.00	44.79 1.83 0.00	38.59 1.64 0.00
BAYONEEC___CTG10 323750	35.68 1.22 -11.95	25.93 1.09 0.00	25.97 1.03 0.00	25.85 0.95 0.00	24.31 0.85 0.00	21.18 0.81 0.00	24.58 1.07 0.00	24.25 1.14 0.00	26.29 1.22 0.00	26.71 1.38 0.00	30.98 1.51 0.00	30.60 1.49 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.04 2.03 0.00	31.57 2.25 0.00	32.14 2.26 0.00	40.22 2.97 0.00	34.05 2.37 0.00	32.48 2.14 0.00	29.35 1.84 0.00	34.07 1.82 0.00	44.79 1.83 0.00	38.59 1.64 0.00
BAYONEEC___CTG2 323683	35.68 1.22 -11.95	25.93 1.09 0.00	25.97 1.03 0.00	25.85 0.95 0.00	24.31 0.85 0.00	21.18 0.81 0.00	24.58 1.07 0.00	24.25 1.14 0.00	26.29 1.22 0.00	26.71 1.38 0.00	30.98 1.51 0.00	30.60 1.49 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.04 2.03 0.00	31.57 2.25 0.00	32.14 2.26 0.00	40.22 2.97 0.00	34.05 2.37 0.00	32.48 2.14 0.00	29.35 1.84 0.00	34.07 1.82 0.00	44.79 1.83 0.00	38.59 1.64 0.00
BAYONEEC___CTG3 323684	35.68 1.22 -11.95	25.93 1.09 0.00	25.97 1.03 0.00	25.85 0.95 0.00	24.31 0.85 0.00	21.18 0.81 0.00	24.58 1.07 0.00	24.25 1.14 0.00	26.29 1.22 0.00	26.71 1.38 0.00	30.98 1.51 0.00	30.60 1.49 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.04 2.03 0.00	31.57 2.25 0.00	32.14 2.26 0.00	40.22 2.97 0.00	34.05 2.37 0.00	32.48 2.14 0.00	29.35 1.84 0.00	34.07 1.82 0.00	44.79 1.83 0.00	38.59 1.64 0.00
BAYONEEC___CTG4 323685	35.68 1.22 -11.95	25.93 1.09 0.00	25.97 1.03 0.00	25.85 0.95 0.00	24.31 0.85 0.00	21.18 0.81 0.00	24.58 1.07 0.00	24.25 1.14 0.00	26.29 1.22 0.00	26.71 1.38 0.00	30.98 1.51 0.00	30.60 1.49 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.04 2.03 0.00	31.57 2.25 0.00	32.14 2.26 0.00	40.22 2.97 0.00	34.05 2.37 0.00	32.48 2.14 0.00	29.35 1.84 0.00	34.07 1.82 0.00	44.79 1.83 0.00	38.59 1.64 0.00
BAYONEEC___CTG5 323686	35.68 1.22 -11.95	25.93 1.09 0.00	25.97 1.03 0.00	25.85 0.95 0.00	24.31 0.85 0.00	21.18 0.81 0.00	24.58 1.07 0.00	24.25 1.14 0.00	26.29 1.22 0.00	26.71 1.38 0.00	30.98 1.51 0.00	30.60 1.49 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.04 2.03 0.00	31.57 2.25 0.00	32.14 2.26 0.00	40.22 2.97 0.00	34.05 2.37 0.00	32.48 2.14 0.00	29.35 1.84 0.00	34.07 1.82 0.00	44.79 1.83 0.00	38.59 1.64 0.00
BAYONEEC___CTG6 323687	35.68 1.22 -11.95	25.93 1.09 0.00	25.97 1.03 0.00	25.85 0.95 0.00	24.31 0.85 0.00	21.18 0.81 0.00	24.58 1.07 0.00	24.25 1.14 0.00	26.29 1.22 0.00	26.71 1.38 0.00	30.98 1.51 0.00	30.60 1.49 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.04 2.03 0.00	31.57 2.25 0.00	32.14 2.26 0.00	40.22 2.97 0.00	34.05 2.37 0.00	32.48 2.14 0.00	29.35 1.84 0.00	34.07 1.82 0.00	44.79 1.83 0.00	38.59 1.64 0.00
BAYONEEC___CTG7 323688	35.68 1.22 -11.95	25.93 1.09 0.00	25.97 1.03 0.00	25.85 0.95 0.00	24.31 0.85 0.00	21.18 0.81 0.00	24.58 1.07 0.00	24.25 1.14 0.00	26.29 1.22 0.00	26.71 1.38 0.00	30.98 1.51 0.00	30.60 1.49 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.04 2.03 0.00	31.57 2.25 0.00	32.14 2.26 0.00	40.22 2.97 0.00	34.05 2.37 0.00	32.48 2.14 0.00	29.35 1.84 0.00	34.07 1.82 0.00	44.79 1.83 0.00	38.59 1.64 0.00
BAYONEEC___CTG8 323689	35.68 1.22 -11.95	25.93 1.09 0.00	25.97 1.03 0.00	25.85 0.95 0.00	24.31 0.85 0.00	21.18 0.81 0.00	24.58 1.07 0.00	24.25 1.14 0.00	26.29 1.22 0.00	26.71 1.38 0.00	30.98 1.51 0.00	30.60 1.49 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.04 2.03 0.00	31.57 2.25 0.00	32.14 2.26 0.00	40.22 2.97 0.00	34.05 2.37 0.00	32.48 2.14 0.00	29.35 1.84 0.00	34.07 1.82 0.00	44.79 1.83 0.00	38.59 1.64 0.00
BAYONEEC___CTG9 323749	35.68 1.22 -11.95	25.93 1.09 0.00	25.97 1.03 0.00	25.85 0.95 0.00	24.31 0.85 0.00	21.18 0.81 0.00	24.58 1.07 0.00	24.25 1.14 0.00	26.29 1.22 0.00	26.71 1.38 0.00	30.98 1.51 0.00	30.60 1.49 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.04 2.03 0.00	31.57 2.25 0.00	32.14 2.26 0.00	40.22 2.97 0.00	34.05 2.37 0.00	32.48 2.14 0.00	29.35 1.84 0.00	34.07 1.82 0.00	44.79 1.83 0.00	38.59 1.64 0.00

BEACON___LESR 323632	25.17 0.71 -1.96	25.55 0.71 0.00	25.78 0.83 0.00	25.74 0.83 0.00	24.16 0.70 0.00	20.98 0.61 0.00	24.28 0.77 0.00	23.91 0.80 0.00	25.93 0.86 0.00	26.26 0.93 0.00	30.44 0.96 0.00	30.10 1.00 0.00	29.48 1.03 0.00	29.16 1.03 0.00	30.20 1.18 0.00	30.60 1.28 0.00	31.14 1.26 0.00	38.91 1.67 0.00	33.10 1.42 0.00	31.77 1.43 0.00	28.74 1.23 0.00	33.46 1.20 0.00	44.39 1.44 0.00	38.13 1.18 0.00
BEAVER RIVER___HYD 24048	22.34 -0.17 0.00	24.64 -0.20 0.00	24.80 -0.14 0.00	24.77 -0.13 0.00	23.42 -0.03 0.00	20.32 -0.06 0.00	23.56 0.06 0.00	23.23 0.12 0.00	25.16 0.09 0.00	25.44 0.11 -0.01	29.99 0.21 -0.30	29.27 0.12 -0.04	28.45 -0.02 -0.02	27.97 -0.15 0.00	28.71 -0.30 0.00	28.85 -0.47 0.00	29.43 -0.44 0.00	36.95 -0.67 -0.37	31.35 -0.44 -0.10	30.03 -0.39 -0.08	27.50 -0.09 -0.08	33.42 0.22 -0.93	44.41 0.66 -0.79	37.98 0.62 -0.41
BEEBEE_GT_13 23619	22.97 0.46 0.00	25.30 0.46 0.00	25.29 0.34 0.00	25.15 0.24 0.00	23.55 0.09 0.00	20.52 0.15 0.00	23.80 0.30 0.00	23.28 0.17 0.00	25.33 0.26 0.00	25.53 0.20 0.00	29.61 0.22 0.10	29.40 0.30 0.01	28.72 0.27 0.01	28.55 0.42 0.00	29.85 0.84 0.00	30.08 0.76 0.00	30.59 0.71 0.00	38.33 1.08 0.00	32.71 1.03 0.00	31.29 0.95 0.00	28.30 0.79 0.00	32.81 0.55 0.00	43.67 0.71 0.00	37.56 0.61 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.11 1.49 -12.11	26.19 1.35 0.00	26.23 1.28 0.00	26.08 1.17 0.00	24.53 1.06 0.00	21.38 1.01 0.00	24.84 1.33 0.00	24.51 1.40 0.00	26.58 1.51 0.00	27.00 1.66 0.00	31.29 1.81 0.00	30.93 1.83 0.00	30.30 1.85 0.00	30.03 1.90 0.00	31.40 2.39 0.00	31.92 2.60 0.00	32.51 2.64 0.00	40.69 3.45 0.00	34.47 2.79 0.00	32.87 2.54 0.00	29.74 2.23 0.00	34.50 2.25 0.00	45.28 2.32 0.00	38.97 2.02 0.00
BETHLEHEM___GRP 23843	24.88 0.43 -1.94	25.25 0.41 0.00	25.44 0.49 0.00	25.36 0.46 0.00	23.87 0.41 0.00	20.76 0.39 0.00	23.97 0.47 0.00	23.58 0.47 0.00	25.53 0.46 0.00	25.85 0.52 0.00	29.99 0.51 0.00	29.66 0.56 0.00	29.02 0.56 0.00	28.69 0.56 0.00	29.69 0.67 0.00	30.03 0.71 0.00	30.58 0.70 0.00	38.19 0.94 0.00	32.52 0.84 0.00	31.17 0.83 0.00	28.28 0.76 0.00	32.90 0.64 0.00	43.63 0.67 0.00	37.55 0.60 0.00
BETHLEHEM___GS1 323560	24.88 0.43 -1.94	25.27 0.43 0.00	25.43 0.48 0.00	25.36 0.46 0.00	23.88 0.42 0.00	20.76 0.39 0.00	23.98 0.47 0.00	23.58 0.47 0.00	25.54 0.47 0.00	25.85 0.52 0.00	29.99 0.51 0.00	29.66 0.56 0.00	29.02 0.56 0.00	28.70 0.56 0.00	29.68 0.67 0.00	30.03 0.72 0.00	30.58 0.70 0.00	38.19 0.94 0.00	32.52 0.83 0.00	31.17 0.83 0.00	28.27 0.76 0.00	32.90 0.64 0.00	43.63 0.67 0.00	37.56 0.61 0.00
BETHLEHEM___GS2 323561	24.88 0.43 -1.94	25.27 0.43 0.00	25.43 0.48 0.00	25.36 0.46 0.00	23.88 0.42 0.00	20.76 0.39 0.00	23.98 0.47 0.00	23.58 0.47 0.00	25.54 0.47 0.00	25.85 0.52 0.00	29.99 0.51 0.00	29.66 0.56 0.00	29.02 0.56 0.00	28.70 0.56 0.00	29.68 0.67 0.00	30.03 0.72 0.00	30.58 0.70 0.00	38.19 0.94 0.00	32.52 0.83 0.00	31.17 0.83 0.00	28.27 0.76 0.00	32.90 0.64 0.00	43.63 0.67 0.00	37.56 0.61 0.00
BETHLEHEM___GS3 323562	24.88 0.43 -1.94	25.27 0.43 0.00	25.43 0.48 0.00	25.36 0.46 0.00	23.88 0.42 0.00	20.76 0.39 0.00	23.98 0.47 0.00	23.58 0.47 0.00	25.54 0.47 0.00	25.85 0.52 0.00	29.99 0.51 0.00	29.66 0.56 0.00	29.02 0.56 0.00	28.70 0.56 0.00	29.68 0.67 0.00	30.03 0.72 0.00	30.58 0.70 0.00	38.19 0.94 0.00	32.52 0.83 0.00	31.17 0.83 0.00	28.27 0.76 0.00	32.90 0.64 0.00	43.63 0.67 0.00	37.56 0.61 0.00
BETHLEHEM___STEEL 23779	23.19 0.68 0.00	25.56 0.72 0.00	25.51 0.56 0.00	25.36 0.45 0.00	23.68 0.22 0.00	20.64 0.27 0.00	24.00 0.49 0.00	23.41 0.29 0.00	25.52 0.45 0.00	25.64 0.31 0.00	29.65 0.17 0.00	29.31 0.21 0.00	28.61 0.16 0.00	28.47 0.34 0.00	29.95 0.94 0.00	30.01 0.69 0.00	30.50 0.63 0.00	38.07 0.82 0.00	32.49 0.80 0.00	31.13 0.79 0.00	28.20 0.68 0.00	32.58 0.32 0.00	43.57 0.61 0.00	37.59 0.64 0.00
BETHLHEM_115KV_TB1 79974	24.92 0.48 -1.93	25.32 0.48 0.00	25.50 0.55 0.00	25.43 0.52 0.00	23.94 0.47 0.00	20.80 0.42 0.00	24.02 0.52 0.00	23.63 0.51 0.00	25.60 0.53 0.00	25.92 0.58 0.00	30.07 0.59 0.00	29.73 0.63 0.00	29.09 0.64 0.00	28.76 0.63 0.00	29.76 0.75 0.00	30.10 0.78 0.00	30.65 0.78 0.00	38.29 1.04 0.00	32.61 0.92 0.00	31.25 0.91 0.00	28.35 0.83 0.00	32.98 0.72 0.00	43.74 0.78 0.00	37.64 0.69 0.00
BETHPAGE_CC_5 323564	186.18 1.79 -161.88	49.59 1.79 -22.96	42.98 1.69 -16.34	26.47 1.56 0.00	24.75 1.29 0.00	21.54 1.17 0.00	25.12 1.62 0.00	24.78 1.67 0.00	26.93 1.86 0.00	28.07 1.88 -0.86	32.11 2.09 -0.54	31.03 1.92 0.00	30.46 2.01 0.00	30.99 2.10 -0.76	48.90 2.64 -17.26	93.64 2.83 -61.49	166.60 2.88 -133.85	186.42 3.73 -145.45	271.56 3.08 -236.79	106.27 2.83 -73.10	134.52 2.54 -104.47	75.32 2.61 -40.45	47.99 3.15 -1.88	39.68 2.72 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.23 0.72 0.00	25.60 0.76 0.00	25.55 0.59 0.00	25.40 0.50 0.00	23.72 0.26 0.00	20.68 0.31 0.00	24.04 0.54 0.00	23.46 0.35 0.00	25.60 0.53 0.00	25.73 0.40 0.00	29.74 0.26 0.00	29.40 0.30 0.00	28.70 0.25 0.00	28.56 0.43 0.00	30.04 1.03 0.00	30.10 0.78 0.00	30.60 0.72 0.00	38.18 0.93 0.00	32.56 0.88 0.00	31.20 0.86 0.00	28.26 0.75 0.00	32.65 0.40 0.00	43.67 0.71 0.00	37.67 0.72 0.00
BINGHAMTON___COGEN 23790	22.80 0.30 0.00	25.11 0.27 0.00	25.13 0.18 0.00	25.09 0.18 0.00	23.56 0.11 0.00	20.50 0.12 0.00	23.78 0.27 0.00	23.37 0.26 0.00	25.42 0.35 0.00	25.71 0.38 -0.01	29.95 0.29 -0.19	29.43 0.30 -0.02	28.72 0.26 -0.01	28.44 0.31 0.00	29.63 0.62 0.00	29.92 0.60 0.00	30.51 0.64 0.00	38.45 0.94 -0.26	32.54 0.78 -0.07	31.11 0.72 -0.06	28.18 0.61 -0.06	33.36 0.43 -0.67	43.99 0.47 -0.56	37.66 0.42 -0.30
BIXINCNT_115KV_LOAD 355685	23.20 0.69 0.00	25.54 0.70 0.00	25.48 0.53 0.00	25.33 0.42 0.00	23.64 0.18 0.00	20.63 0.25 0.00	24.09 0.58 0.00	23.66 0.55 0.00	25.80 0.73 0.00	25.91 0.58 0.00	29.79 0.31 0.00	29.39 0.28 0.00	28.75 0.30 0.00	28.58 0.45 0.00	30.07 1.06 0.00	29.99 0.67 0.00	30.45 0.58 0.00	38.03 0.79 0.00	32.29 0.61 0.00	30.97 0.63 0.00	28.02 0.51 0.00	32.57 0.31 0.00	43.68 0.71 0.00	37.53 0.58 0.00
BLACK RIVER___HYD 24047	22.21 -0.30 0.00	24.53 -0.31 0.00	24.71 -0.24 0.00	24.68 -0.22 0.00	23.35 -0.11 0.00	20.22 -0.15 0.00	23.46 -0.04 0.00	23.17 0.07 0.00	25.10 0.03 0.00	25.46 0.12 -0.01	30.18 0.23 -0.47	29.27 0.11 -0.06	28.41 -0.07 -0.03	27.91 -0.22 0.00	28.72 -0.29 0.00	28.85 -0.47 0.00	29.46 -0.41 0.00	37.39 -0.43 -0.58	31.68 -0.16 -0.16	30.27 -0.19 -0.13	27.86 0.22 -0.13	34.20 0.47 -1.47	44.94 0.74 -1.24	38.28 0.68 -0.65

BLACKRVR_115KV_TB2 79977	22.21 -0.30 0.00	24.52 -0.32 0.00	24.71 -0.24 0.00	24.68 -0.23 0.00	23.35 -0.11 0.00	20.22 -0.15 0.00	23.46 -0.04 0.00	23.17 0.06 0.00	25.11 0.03 0.00	25.46 0.11 -0.01	30.17 0.22 -0.47	29.27 0.11 -0.06	28.41 -0.07 -0.03	27.91 -0.22 0.00	28.72 -0.29 0.00	28.85 -0.47 0.00	29.46 -0.41 0.00	37.39 -0.43 -0.58	31.68 -0.16 -0.16	30.27 -0.20 -0.13	27.86 0.22 -0.13	34.20 0.47 -1.47	44.94 0.74 -1.24	38.29 0.69 -0.65
BLISS_WT_PWR 323608	23.20 0.69 0.00	25.47 0.63 0.00	25.46 0.51 0.00	25.28 0.37 0.00	23.58 0.12 0.00	20.59 0.21 0.00	24.06 0.56 0.00	23.69 0.57 0.00	25.79 0.72 0.00	25.89 0.56 0.00	29.73 0.25 0.00	29.31 0.20 0.00	28.71 0.26 0.00	28.54 0.41 0.00	30.04 1.03 0.00	29.90 0.59 0.00	30.35 0.48 0.00	37.96 0.71 0.00	32.21 0.52 0.00	30.91 0.57 0.00	27.96 0.45 0.00	32.56 0.30 0.00	43.69 0.73 0.00	37.47 0.52 0.00
BLUE_CIRC_CHEM_DRP 24182	24.99 0.74 -1.75	25.67 0.83 0.00	25.87 0.92 0.00	25.81 0.91 0.00	24.29 0.83 0.00	21.07 0.70 0.00	24.34 0.84 0.00	23.93 0.82 0.00	25.94 0.87 0.00	26.23 0.90 0.00	30.41 0.93 0.00	30.07 0.96 0.00	29.40 0.95 0.00	29.07 0.94 0.00	30.08 1.07 0.00	30.40 1.09 0.00	30.95 1.07 0.00	38.65 1.41 0.00	32.95 1.26 0.00	31.58 1.24 0.00	28.66 1.15 0.00	33.36 1.10 0.00	44.29 1.34 0.00	38.12 1.17 0.00
BOC_GAS_DRP 24189	24.97 0.60 -1.86	25.46 0.62 0.00	25.62 0.68 0.00	25.57 0.67 0.00	24.07 0.61 0.00	20.86 0.49 0.00	24.11 0.61 0.00	23.72 0.61 0.00	25.72 0.65 0.00	26.03 0.70 0.00	30.19 0.72 0.00	29.84 0.74 0.00	29.20 0.74 0.00	28.88 0.75 0.00	29.91 0.90 0.00	30.28 0.96 0.00	30.80 0.93 0.00	38.49 1.24 0.00	32.76 1.08 0.00	31.38 1.04 0.00	28.45 0.94 0.00	33.13 0.87 0.00	43.96 1.00 0.00	37.84 0.89 0.00
BOONVILLE_115KV_TB1 79983	22.92 0.41 0.00	25.31 0.47 0.00	25.38 0.43 0.00	25.36 0.46 0.00	23.92 0.46 0.00	20.78 0.41 0.00	24.04 0.53 0.00	23.66 0.55 0.00	25.75 0.68 0.00	26.07 0.73 0.00	30.47 0.88 -0.11	29.98 0.86 -0.01	29.22 0.77 -0.01	28.86 0.73 0.00	29.73 0.72 0.00	30.02 0.70 0.00	30.66 0.78 0.00	38.28 0.88 -0.15	32.53 0.81 -0.04	31.18 0.81 -0.03	28.32 0.78 -0.03	33.48 0.88 -0.34	44.31 1.06 -0.29	37.99 0.89 -0.15
BORALEX_4TH_BRANCH 23824	26.22 1.47 -2.25	26.40 1.56 0.00	26.52 1.57 0.00	26.45 1.54 0.00	24.85 1.39 0.00	21.52 1.15 0.00	24.82 1.32 0.00	24.40 1.29 0.00	26.46 1.39 0.00	26.74 1.41 0.00	31.02 1.54 0.00	30.66 1.56 0.00	30.00 1.55 0.00	29.67 1.54 0.00	30.68 1.67 0.00	31.00 1.68 0.00	31.42 1.55 0.00	39.33 2.08 0.00	33.50 1.82 0.00	32.26 1.92 0.00	29.28 1.77 0.00	34.05 1.79 0.00	45.14 2.18 0.00	38.88 1.93 0.00
BOWLINE___1 23526	15.66 0.95 7.80	25.65 0.81 0.00	25.70 0.75 0.00	25.61 0.71 0.00	24.09 0.63 0.00	20.96 0.59 0.00	24.31 0.81 0.00	23.98 0.87 0.00	26.01 0.94 0.00	26.41 1.08 0.00	30.67 1.20 0.00	30.31 1.21 0.00	29.69 1.24 0.00	29.40 1.27 0.00	30.71 1.70 0.00	31.20 1.88 0.00	31.73 1.86 0.00	39.74 2.49 0.00	33.71 2.02 0.00	32.19 1.85 0.00	29.12 1.61 0.00	33.84 1.58 0.00	44.55 1.59 0.00	38.40 1.45 0.00
BOWLINE___2 23595	15.68 0.98 7.81	25.67 0.83 0.00	25.73 0.78 0.00	25.64 0.73 0.00	24.11 0.65 0.00	20.99 0.62 0.00	24.34 0.83 0.00	24.00 0.89 0.00	26.03 0.96 0.00	26.44 1.11 0.00	30.70 1.23 0.00	30.34 1.24 0.00	29.72 1.27 0.00	29.44 1.31 0.00	30.74 1.73 0.00	31.23 1.91 0.00	31.78 1.90 0.00	39.80 2.55 0.00	33.75 2.06 0.00	32.22 1.88 0.00	29.15 1.63 0.00	33.85 1.59 0.00	44.57 1.61 0.00	38.40 1.45 0.00
BRADY___115KV_TB2 356060	22.60 0.09 0.00	25.08 0.24 0.00	25.24 0.29 0.00	25.24 0.34 0.00	23.89 0.43 0.00	20.77 0.40 0.00	23.94 0.44 0.00	23.50 0.39 0.00	25.44 0.37 0.00	25.51 0.18 0.00	29.80 0.32 0.00	29.40 0.30 0.00	28.66 0.20 0.00	28.21 0.08 0.00	28.76 -0.25 0.00	28.83 -0.49 0.00	29.43 -0.44 0.00	35.95 -1.30 0.00	30.49 -1.20 0.00	29.29 -1.05 0.00	26.74 -0.77 0.00	32.23 -0.03 0.00	43.59 0.63 0.00	37.62 0.67 0.00
BRANSCOMB___SOLAR 323811	25.78 1.34 -1.93	26.21 1.38 0.00	26.34 1.39 0.00	26.27 1.37 0.00	24.71 1.25 0.00	21.47 1.10 0.00	24.84 1.34 0.00	24.44 1.33 0.00	26.50 1.43 0.00	26.76 1.43 0.00	30.96 1.49 0.00	30.68 1.57 0.00	30.07 1.62 0.00	29.66 1.53 0.00	30.67 1.66 0.00	31.05 1.73 0.00	31.52 1.65 0.00	39.49 2.25 0.00	33.75 2.06 0.00	32.39 2.05 0.00	29.51 1.99 0.00	34.27 2.01 0.00	45.42 2.46 0.00	39.08 2.13 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	186.65 2.26 -161.88	49.97 2.17 -22.96	43.41 2.12 -16.34	26.82 1.92 0.00	25.02 1.56 0.00	21.76 1.39 0.00	25.43 1.92 0.00	25.09 1.98 0.00	27.29 2.22 0.00	28.44 2.25 -0.86	32.55 2.53 -0.54	31.46 2.36 0.00	30.81 2.36 0.00	31.26 2.37 -0.76	49.25 2.98 -17.26	117.43 3.23 -84.89	176.34 3.19 -143.27	188.47 4.03 -147.19	271.89 3.41 -236.79	106.65 3.20 -73.10	135.09 3.11 -104.47	75.98 3.28 -40.45	48.88 4.04 -1.88	40.41 3.45 -0.01
BRISTLHL_115KV_TB1 79998	22.07 -0.44 0.00	24.33 -0.51 0.00	24.39 -0.56 0.00	24.33 -0.57 0.00	22.90 -0.56 0.00	19.92 -0.45 0.00	23.02 -0.49 0.00	22.60 -0.51 0.00	24.57 -0.50 0.00	24.86 -0.50 -0.03	29.87 -0.60 -0.99	28.64 -0.59 -0.12	27.94 -0.57 -0.06	27.62 -0.51 0.00	28.66 -0.35 0.00	28.99 -0.33 0.00	29.57 -0.30 0.00	38.20 -0.24 -1.20	31.83 -0.19 -0.33	30.41 -0.20 -0.27	27.58 -0.20 -0.27	34.93 -0.40 -3.07	44.88 -0.67 -2.59	37.70 -0.61 -1.36
BROOKHAVEN___DRP 24191	186.75 2.36 -161.88	50.06 2.26 -22.96	43.52 2.22 -16.34	26.89 1.99 0.00	25.08 1.62 0.00	21.83 1.46 0.00	25.54 2.03 0.00	25.18 2.07 0.00	27.34 2.27 0.00	28.51 2.32 -0.86	32.60 2.58 -0.54	31.44 2.33 0.00	30.97 2.52 0.00	31.53 2.64 -0.76	49.58 3.31 -17.26	213.71 3.53 -180.86	215.30 3.50 -181.93	196.00 4.41 -154.34	272.10 3.62 -236.79	106.81 3.37 -73.10	135.06 3.08 -104.47	76.03 3.32 -40.45	49.22 4.38 -1.88	40.61 3.65 -0.01
BROOKLYN_NAVY_YARD 23515	35.66 1.21 -11.95	25.91 1.07 0.00	25.94 0.99 0.00	25.82 0.92 0.00	24.28 0.82 0.00	21.17 0.79 0.00	24.57 1.06 0.00	24.22 1.11 0.00	26.26 1.20 0.00	26.69 1.36 0.00	30.94 1.46 0.00	30.57 1.47 0.00	29.94 1.49 0.00	29.68 1.54 0.00	31.01 2.00 0.00	31.53 2.21 0.00	32.10 2.23 0.00	40.19 2.94 0.00	34.02 2.34 0.00	32.45 2.11 0.00	29.32 1.81 0.00	34.06 1.80 0.00	44.80 1.84 0.00	38.57 1.62 0.00
BROOKLYN___ARMY_DRP 323595	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00



BROOKVLE_69_KV_TB1 55790	186.04 1.65 -161.88	49.35 1.55 -22.96	42.86 1.57 -16.34	26.37 1.47 0.00	24.72 1.26 0.00	21.52 1.15 0.00	25.04 1.53 0.00	24.73 1.62 0.00	26.79 1.72 0.00	28.04 1.85 -0.86	32.19 2.17 -0.54	31.19 2.08 0.00	30.59 2.14 0.00	31.02 2.13 -0.76	48.90 2.63 -17.26	89.76 2.83 -57.61	165.01 2.86 -132.28	186.10 3.70 -145.16	271.52 3.04 -236.79	106.22 2.78 -73.10	134.43 2.45 -104.47	75.19 2.48 -40.45	47.66 2.81 -1.88	39.39 2.43 -0.01
BROOME_2_LFGE 323671	22.81 0.30 0.00	25.09 0.25 0.00	25.13 0.18 0.00	25.09 0.19 0.00	23.57 0.11 0.00	20.50 0.12 0.00	23.77 0.27 0.00	23.37 0.26 0.00	25.42 0.35 0.00	25.71 0.38 -0.01	29.96 0.29 -0.19	29.43 0.30 -0.02	28.72 0.25 -0.01	28.44 0.31 0.00	29.64 0.62 0.00	29.92 0.60 0.00	30.51 0.64 0.00	38.45 0.94 -0.26	32.54 0.78 -0.07	31.12 0.72 -0.06	28.18 0.61 -0.06	33.36 0.43 -0.67	43.99 0.47 -0.56	37.66 0.41 -0.30
BROOME___LFGE 323600	22.81 0.30 0.00	25.09 0.25 0.00	25.13 0.18 0.00	25.09 0.19 0.00	23.57 0.11 0.00	20.50 0.12 0.00	23.77 0.27 0.00	23.37 0.26 0.00	25.42 0.35 0.00	25.71 0.38 -0.01	29.96 0.29 -0.19	29.43 0.30 -0.02	28.72 0.25 -0.01	28.44 0.31 0.00	29.64 0.62 0.00	29.92 0.60 0.00	30.51 0.64 0.00	38.45 0.94 -0.26	32.54 0.78 -0.07	31.12 0.72 -0.06	28.18 0.61 -0.06	33.36 0.43 -0.67	43.99 0.47 -0.56	37.66 0.41 -0.30
BROWNFLS_115KV_TB_3_5 80003	22.25 -0.26 0.00	24.58 -0.26 0.00	24.77 -0.18 0.00	24.75 -0.16 0.00	23.41 -0.05 0.00	20.32 -0.05 0.00	23.53 0.02 0.00	23.16 0.05 0.00	25.05 -0.02 0.00	25.26 -0.08 -0.01	29.70 0.01 -0.20	29.07 -0.06 -0.03	28.30 -0.16 -0.01	27.80 -0.33 0.00	28.38 -0.64 0.00	28.42 -0.91 0.00	28.97 -0.91 0.00	36.01 -1.49 -0.25	30.50 -1.26 -0.07	29.28 -1.12 -0.05	26.78 -0.79 -0.06	32.58 -0.32 -0.64	43.70 0.20 -0.54	37.53 0.29 -0.29
BROWNSV1_27_KV_LOAD 356125	35.97 1.51 -11.95	26.21 1.37 0.00	26.25 1.30 0.00	26.12 1.22 0.00	24.56 1.10 0.00	21.41 1.04 0.00	24.86 1.36 0.00	24.55 1.44 0.00	26.63 1.56 0.00	27.06 1.73 0.00	31.39 1.92 0.00	31.00 1.90 0.00	30.37 1.92 0.00	30.11 1.98 0.00	31.47 2.46 0.00	32.00 2.68 0.00	32.58 2.71 0.00	40.78 3.54 0.00	34.52 2.83 0.00	32.91 2.58 0.00	29.75 2.24 0.00	34.54 2.28 0.00	45.39 2.43 0.00	39.08 2.13 0.00
BURROWS___LYONSDAL 23803	22.78 0.27 0.00	25.15 0.31 0.00	25.24 0.29 0.00	25.22 0.31 0.00	23.80 0.33 0.00	20.66 0.29 0.00	23.92 0.41 0.00	23.56 0.45 0.00	25.61 0.54 0.00	25.92 0.58 0.00	30.36 0.72 -0.16	29.81 0.68 -0.02	29.04 0.58 -0.01	28.64 0.52 0.00	29.50 0.49 0.00	29.75 0.43 0.00	30.37 0.49 0.00	37.97 0.51 -0.20	32.25 0.51 -0.05	30.90 0.53 -0.04	28.13 0.57 -0.04	33.47 0.73 -0.49	44.33 0.96 -0.41	37.99 0.83 -0.22
CAITHNESS_CC_1 323624	186.60 2.21 -161.88	50.06 2.26 -22.96	43.40 2.11 -16.34	26.80 1.89 0.00	24.99 1.52 0.00	21.77 1.40 0.00	25.45 1.95 0.00	25.07 1.96 0.00	27.24 2.17 0.00	28.39 2.21 -0.86	32.47 2.45 -0.54	31.32 2.22 0.00	30.85 2.40 0.00	31.41 2.52 -0.76	49.44 3.17 -17.26	212.90 3.38 -180.20	214.91 3.37 -181.67	195.81 4.27 -154.29	271.98 3.50 -236.79	106.69 3.25 -73.10	134.96 2.98 -104.47	75.91 3.20 -40.45	48.99 4.14 -1.88	40.49 3.54 -0.01
CALPINE BETH_PAGE_GT4 24209	186.24 1.85 -161.88	49.55 1.75 -22.96	43.00 1.71 -16.34	26.48 1.58 0.00	24.77 1.31 0.00	21.55 1.18 0.00	25.14 1.63 0.00	24.81 1.69 0.00	26.96 1.89 0.00	28.13 1.94 -0.86	32.18 2.16 -0.54	31.10 1.99 0.00	30.54 2.09 0.00	31.06 2.17 -0.76	48.97 2.71 -17.26	93.12 2.90 -60.90	166.42 2.94 -133.61	186.45 3.81 -145.40	271.62 3.14 -236.79	106.34 2.90 -73.10	134.57 2.59 -104.47	75.38 2.67 -40.45	48.04 3.19 -1.88	39.69 2.73 -0.01
CALPINE_BETH_PAGE_GT_4 323586	186.22 1.83 -161.88	49.61 1.81 -22.96	43.00 1.71 -16.34	26.49 1.58 0.00	24.77 1.31 0.00	21.57 1.19 0.00	25.14 1.64 0.00	24.80 1.69 0.00	26.96 1.89 0.00	28.13 1.94 -0.86	32.18 2.16 -0.54	31.10 1.99 0.00	30.54 2.09 0.00	31.06 2.17 -0.76	48.97 2.70 -17.26	93.12 2.90 -60.90	166.42 2.94 -133.61	186.46 3.81 -145.40	271.62 3.15 -236.79	106.34 2.90 -73.10	134.57 2.59 -104.47	75.38 2.67 -40.45	48.04 3.20 -1.88	39.72 2.76 -0.01
CALPINE_BP_GT1 23823	186.22 1.83 -161.88	49.61 1.81 -22.96	43.00 1.71 -16.34	26.49 1.58 0.00	24.77 1.31 0.00	21.57 1.19 0.00	25.14 1.64 0.00	24.80 1.69 0.00	26.96 1.89 0.00	28.13 1.94 -0.86	32.18 2.16 -0.54	31.10 1.99 0.00	30.54 2.09 0.00	31.06 2.17 -0.76	48.97 2.70 -17.26	93.12 2.90 -60.90	166.42 2.94 -133.61	186.46 3.81 -145.40	271.62 3.15 -236.79	106.34 2.90 -73.10	134.57 2.59 -104.47	75.38 2.67 -40.45	48.04 3.20 -1.88	39.72 2.76 -0.01
CALSPAN___DRP 24200	23.19 0.68 0.00	25.56 0.72 0.00	25.51 0.56 0.00	25.36 0.45 0.00	23.68 0.22 0.00	20.64 0.27 0.00	24.00 0.49 0.00	23.41 0.29 0.00	25.52 0.45 0.00	25.64 0.31 0.00	29.65 0.17 0.00	29.31 0.21 0.00	28.61 0.16 0.00	28.47 0.34 0.00	29.95 0.94 0.00	30.01 0.69 0.00	30.50 0.63 0.00	38.07 0.82 0.00	32.49 0.80 0.00	31.13 0.79 0.00	28.20 0.68 0.00	32.58 0.32 0.00	43.57 0.61 0.00	37.59 0.64 0.00
CALVERTON___SOLAR 323806	186.84 2.45 -161.88	50.32 2.52 -22.96	43.64 2.34 -16.34	27.02 2.11 0.00	25.20 1.74 0.00	21.96 1.59 0.00	25.69 2.18 0.00	25.29 2.18 0.00	27.50 2.43 0.00	28.65 2.47 -0.86	32.77 2.74 -0.54	31.59 2.48 0.00	31.12 2.67 0.00	31.69 2.80 -0.76	49.75 3.48 -17.26	214.16 3.70 -181.14	215.57 3.65 -182.05	196.22 4.62 -154.36	272.27 3.79 -236.79	106.97 3.53 -73.10	135.20 3.22 -104.47	76.22 3.51 -40.45	49.51 4.67 -1.88	40.91 3.95 -0.01
CANDIGU_WT_PWR 323617	22.78 0.27 0.00	24.99 0.15 0.00	24.97 0.02 0.00	24.85 -0.05 0.00	23.25 -0.21 0.00	20.33 -0.05 0.00	23.71 0.20 0.00	23.29 0.18 0.00	25.40 0.34 0.00	25.59 0.26 0.00	29.47 -0.01 0.00	29.07 -0.04 0.00	28.39 -0.06 0.00	28.20 0.06 0.00	29.57 0.56 0.00	29.69 0.37 0.00	30.28 0.41 0.00	38.13 0.74 -0.14	32.40 0.68 -0.04	30.82 0.45 -0.03	27.96 0.41 -0.03	32.66 0.04 -0.36	43.42 0.15 -0.30	37.21 0.11 -0.16
CARR STREET_E_SYR 24060	22.30 -0.21 0.00	24.55 -0.29 0.00	24.62 -0.33 0.00	24.58 -0.33 0.00	23.10 -0.36 0.00	20.09 -0.28 0.00	23.18 -0.32 0.00	22.73 -0.38 0.00	24.72 -0.35 0.00	25.00 -0.34 -0.01	29.31 -0.43 -0.25	28.72 -0.41 -0.03	28.08 -0.38 -0.02	27.82 -0.32 0.00	28.89 -0.12 0.00	29.28 -0.04 0.00	29.94 0.07 0.00	37.82 0.22 -0.36	31.98 0.19 -0.10	30.57 0.15 -0.08	27.69 0.10 -0.08	33.10 -0.08 -0.92	43.49 -0.24 -0.78	37.10 -0.26 -0.41
CARTHAGE___PAPER 23857	22.40 -0.11 0.00	24.72 -0.12 0.00	24.90 -0.05 0.00	24.87 -0.04 0.00	23.54 0.08 0.00	20.40 0.03 0.00	23.64 0.13 0.00	23.33 0.22 0.00	25.25 0.18 0.00	25.57 0.23 -0.01	30.27 0.38 -0.41	29.42 0.26 -0.05	28.55 0.07 -0.03	28.05 -0.08 0.00	28.80 -0.21 0.00	28.94 -0.38 0.00	29.52 -0.36 0.00	37.23 -0.51 -0.50	31.60 -0.22 -0.13	30.25 -0.20 -0.11	27.78 0.16 -0.11	34.03 0.51 -1.26	44.96 0.93 -1.07	38.36 0.85 -0.56

CASSADAGA_WT_PWR 323784	23.41 0.90 0.00	25.57 0.73 0.00	25.50 0.55 0.00	25.35 0.45 0.00	23.70 0.25 0.00	20.57 0.20 0.00	24.05 0.54 0.00	23.55 0.44 0.00	25.59 0.52 0.00	25.87 0.54 0.00	30.15 0.67 0.00	29.91 0.81 0.00	29.05 0.60 0.00	29.01 0.87 0.00	30.51 1.50 0.00	30.28 0.96 0.00	30.64 0.77 0.00	37.94 0.69 0.00	32.43 0.75 0.00	31.29 0.95 0.00	28.21 0.70 0.00	32.39 0.13 0.00	43.31 0.35 0.00	37.55 0.60 0.00
CE_DUNWOOD___DRP 24194	30.73 1.18 -7.05	25.88 1.04 0.00	25.95 1.00 0.00	25.85 0.94 0.00	24.30 0.84 0.00	21.16 0.78 0.00	24.55 1.04 0.00	24.22 1.11 0.00	26.27 1.20 0.00	26.68 1.34 0.00	30.96 1.48 0.00	30.57 1.47 0.00	29.95 1.51 0.00	29.68 1.54 0.00	30.98 1.97 0.00	31.48 2.16 0.00	32.05 2.18 0.00	40.12 2.87 0.00	34.01 2.32 0.00	32.46 2.12 0.00	29.35 1.84 0.00	34.08 1.82 0.00	44.86 1.90 0.00	38.65 1.70 0.00
CE_MILLWOOD___DRP 24193	30.76 1.13 -7.13	25.82 0.98 0.00	25.90 0.95 0.00	25.80 0.89 0.00	24.26 0.80 0.00	21.12 0.74 0.00	24.49 0.99 0.00	24.16 1.06 0.00	26.20 1.13 0.00	26.61 1.28 0.00	30.89 1.41 0.00	30.51 1.40 0.00	29.88 1.43 0.00	29.61 1.48 0.00	30.91 1.90 0.00	31.40 2.08 0.00	31.96 2.09 0.00	40.02 2.78 0.00	33.93 2.25 0.00	32.40 2.06 0.00	29.29 1.78 0.00	34.01 1.76 0.00	44.78 1.82 0.00	38.58 1.63 0.00
CE_NYC2_DRP 24202	35.89 1.27 -12.11	25.96 1.12 0.00	26.02 1.06 0.00	25.87 0.97 0.00	24.34 0.88 0.00	21.22 0.84 0.00	24.63 1.12 0.00	24.30 1.19 0.00	26.34 1.27 0.00	26.76 1.43 0.00	31.05 1.57 0.00	30.68 1.57 0.00	30.05 1.60 0.00	29.79 1.66 0.00	31.14 2.12 0.00	31.65 2.33 0.00	32.20 2.33 0.00	40.30 3.05 0.00	34.14 2.45 0.00	32.56 2.22 0.00	29.43 1.92 0.00	34.18 1.92 0.00	44.89 1.93 0.00	38.67 1.72 0.00
CE_NYC_DRP 24195	35.68 1.26 -11.91	25.95 1.12 0.00	26.01 1.06 0.00	25.88 0.97 0.00	24.34 0.88 0.00	21.20 0.83 0.00	24.61 1.11 0.00	24.30 1.19 0.00	26.35 1.28 0.00	26.78 1.45 0.00	31.07 1.59 0.00	30.68 1.58 0.00	30.06 1.61 0.00	29.80 1.67 0.00	31.14 2.13 0.00	31.66 2.34 0.00	32.23 2.35 0.00	40.34 3.09 0.00	34.14 2.46 0.00	32.55 2.22 0.00	29.43 1.91 0.00	34.17 1.91 0.00	44.91 1.95 0.00	38.68 1.73 0.00
CHAFFEE___LFGE 323603	23.22 0.71 0.00	25.51 0.67 0.00	25.51 0.56 0.00	25.35 0.45 0.00	23.69 0.23 0.00	20.65 0.27 0.00	24.00 0.49 0.00	23.47 0.37 0.00	25.56 0.49 0.00	25.71 0.38 0.00	29.72 0.24 0.00	29.40 0.30 0.00	28.72 0.26 0.00	28.57 0.44 0.00	30.08 1.07 0.00	30.13 0.81 0.00	30.65 0.77 0.00	38.27 1.02 0.00	32.66 0.97 0.00	31.27 0.93 0.00	28.33 0.82 0.00	32.71 0.46 0.00	43.70 0.75 0.00	37.67 0.72 0.00
CHATEAUG_35_KV_LOAD 355732	22.26 -0.24 0.00	24.74 -0.10 0.00	25.16 0.21 0.00	25.29 0.38 0.00	23.99 0.53 0.00	20.76 0.39 0.00	24.05 0.54 0.00	23.63 0.52 0.00	25.63 0.56 0.00	25.77 0.43 0.00	29.93 0.45 0.00	29.50 0.39 0.00	28.82 0.37 0.00	28.46 0.33 0.00	29.13 0.12 0.00	29.45 0.13 0.00	29.93 0.05 0.00	37.01 -0.24 0.00	31.52 -0.17 0.00	30.20 -0.14 0.00	27.69 0.18 0.00	32.69 0.44 0.00	43.33 0.37 0.00	37.47 0.52 0.00
CHATEAUG_WT_PWR 323614	22.26 -0.24 0.00	24.79 -0.05 0.00	25.19 0.24 0.00	25.32 0.42 0.00	24.01 0.55 0.00	20.80 0.42 0.00	24.07 0.57 0.00	23.64 0.53 0.00	25.64 0.56 0.00	25.78 0.45 0.00	29.93 0.45 0.00	29.48 0.37 0.00	28.81 0.36 0.00	28.47 0.34 0.00	29.16 0.15 0.00	29.50 0.18 0.00	29.97 0.09 0.00	37.07 -0.17 0.00	31.57 -0.12 0.00	30.24 -0.10 0.00	27.73 0.21 0.00	32.72 0.46 0.00	43.39 0.43 0.00	37.54 0.60 0.00
CHAT_HIGH_FALL_HYD 323578	22.25 -0.25 0.00	24.77 -0.07 0.00	25.15 0.20 0.00	25.29 0.38 0.00	23.99 0.53 0.00	20.77 0.40 0.00	24.05 0.55 0.00	23.63 0.52 0.00	25.63 0.56 0.00	25.77 0.43 0.00	29.93 0.45 0.00	29.50 0.39 0.00	28.82 0.37 0.00	28.46 0.33 0.00	29.14 0.12 0.00	29.45 0.13 0.00	29.93 0.05 0.00	37.00 -0.24 0.00	31.52 -0.17 0.00	30.20 -0.14 0.00	27.69 0.18 0.00	32.70 0.44 0.00	43.33 0.37 0.00	37.49 0.54 0.00
CHAUTAUQUA___LFGE 323629	23.30 0.79 0.00	25.54 0.70 0.00	25.49 0.54 0.00	25.36 0.45 0.00	23.69 0.23 0.00	20.62 0.25 0.00	24.06 0.55 0.00	23.52 0.41 0.00	25.58 0.50 0.00	25.79 0.46 0.00	29.94 0.46 0.00	29.63 0.52 0.00	28.85 0.40 0.00	28.73 0.60 0.00	30.25 1.24 0.00	30.17 0.85 0.00	30.63 0.75 0.00	38.13 0.88 0.00	32.58 0.89 0.00	31.30 0.96 0.00	28.27 0.76 0.00	32.57 0.31 0.00	43.49 0.53 0.00	37.60 0.66 0.00
CHERRYST_13_KV_LD 356241	35.75 1.33 -11.91	26.03 1.19 0.00	26.08 1.13 0.00	25.95 1.05 0.00	24.41 0.95 0.00	21.27 0.89 0.00	24.70 1.19 0.00	24.39 1.28 0.00	26.45 1.38 0.00	26.90 1.57 0.00	31.21 1.73 0.00	30.83 1.72 0.00	30.20 1.75 0.00	29.94 1.81 0.00	31.29 2.28 0.00	31.81 2.49 0.00	32.38 2.51 0.00	40.52 3.27 0.00	34.28 2.59 0.00	32.67 2.33 0.00	29.53 2.02 0.00	34.28 2.02 0.00	45.04 2.08 0.00	38.80 1.85 0.00
CHESTROR_138KV_BK263 355645	17.40 0.90 6.01	25.62 0.78 0.00	25.70 0.75 0.00	25.61 0.71 0.00	24.09 0.63 0.00	20.95 0.58 0.00	24.28 0.77 0.00	23.94 0.83 0.00	25.97 0.90 0.00	26.37 1.04 0.00	30.61 1.14 0.00	30.25 1.15 0.00	29.61 1.17 0.00	29.32 1.19 0.00	30.56 1.55 0.00	31.03 1.71 0.00	31.60 1.72 0.00	39.55 2.30 0.00	33.57 1.89 0.00	32.08 1.74 0.00	29.02 1.51 0.00	33.71 1.46 0.00	44.43 1.47 0.00	38.27 1.32 0.00
CH_MIDHUDSON___DRP 24192	26.13 1.18 -2.44	25.91 1.07 0.00	26.00 1.05 0.00	25.92 1.01 0.00	24.38 0.91 0.00	21.19 0.82 0.00	24.58 1.08 0.00	24.25 1.14 0.00	26.30 1.23 0.00	26.69 1.36 0.00	30.97 1.50 0.00	30.60 1.49 0.00	29.96 1.51 0.00	29.68 1.55 0.00	30.91 1.90 0.00	31.41 2.09 0.00	31.99 2.12 0.00	40.04 2.80 0.00	33.99 2.30 0.00	32.46 2.12 0.00	29.37 1.86 0.00	34.09 1.83 0.00	44.95 1.98 0.00	38.69 1.74 0.00
CH_MISC_IPPS 23765	25.25 1.28 -1.46	26.03 1.19 0.00	26.10 1.14 0.00	26.00 1.09 0.00	24.46 1.00 0.00	21.27 0.90 0.00	24.68 1.17 0.00	24.34 1.23 0.00	26.41 1.34 0.00	26.83 1.50 0.00	31.14 1.66 0.00	30.77 1.67 0.00	30.13 1.68 0.00	29.84 1.71 0.00	31.09 2.08 0.00	31.59 2.28 0.00	32.19 2.32 0.00	40.31 3.06 0.00	34.21 2.52 0.00	32.68 2.34 0.00	29.55 2.05 0.00	34.29 2.04 0.00	45.19 2.23 0.00	38.88 1.93 0.00
CH_RES_BVR_FALLS 23983	21.98 -0.52 0.00	24.42 -0.42 0.00	24.60 -0.35 0.00	24.60 -0.30 0.00	23.29 -0.17 0.00	20.20 -0.17 0.00	23.28 -0.22 0.00	22.92 -0.19 0.00	24.73 -0.34 0.00	25.02 -0.31 0.00	29.22 -0.26 0.00	28.82 -0.28 0.00	28.14 -0.31 0.00	27.78 -0.35 0.00	28.40 -0.61 0.00	28.70 -0.62 0.00	29.33 -0.54 0.00	36.34 -0.91 0.00	30.90 -0.79 0.00	29.62 -0.72 0.00	26.84 -0.68 0.00	31.73 -0.52 0.00	42.57 -0.39 0.00	36.72 -0.23 0.00

CH_RES_NIAGARA 23895	22.77 0.26 0.00	25.14 0.30 0.00	25.17 0.22 0.00	25.01 0.11 0.00	23.34 -0.12 0.00	20.31 -0.06 0.00	23.53 0.03 0.00	22.77 -0.34 0.00	24.77 -0.30 0.00	24.89 -0.44 0.00	28.67 -0.81 0.00	28.30 -0.80 0.00	27.65 -0.81 0.00	27.54 -0.60 0.00	29.00 -0.01 0.00	29.04 -0.27 0.00	29.45 -0.42 0.00	36.80 -0.45 0.00	31.48 -0.21 0.00	30.17 -0.17 0.00	27.38 -0.14 0.00	31.58 -0.68 0.00	42.29 -0.67 0.00	36.83 -0.12 0.00
CH_RES_SYRACUSE 23985	22.46 -0.05 0.00	24.75 -0.09 0.00	24.81 -0.14 0.00	24.73 -0.18 0.00	23.25 -0.22 0.00	20.25 -0.12 0.00	23.45 -0.06 0.00	23.01 -0.10 0.00	24.99 -0.08 0.00	25.31 -0.04 -0.02	29.90 -0.11 -0.53	29.05 -0.12 -0.07	28.40 -0.08 -0.03	28.12 -0.01 0.00	29.21 0.20 0.00	29.52 0.20 0.00	30.12 0.25 0.00	38.41 0.49 -0.67	32.31 0.44 -0.18	30.88 0.39 -0.15	27.97 0.31 -0.15	34.14 0.17 -1.72	44.47 0.06 -1.45	37.72 0.00 -0.76
CLINTON_WT_PWR 323605	22.26 -0.24 0.00	24.79 -0.05 0.00	25.19 0.24 0.00	25.32 0.42 0.00	24.01 0.55 0.00	20.80 0.42 0.00	24.07 0.57 0.00	23.64 0.53 0.00	25.64 0.56 0.00	25.78 0.45 0.00	29.93 0.45 0.00	29.48 0.37 0.00	28.81 0.36 0.00	28.47 0.34 0.00	29.16 0.15 0.00	29.50 0.18 0.00	29.97 0.09 0.00	37.07 -0.17 0.00	31.57 -0.12 0.00	30.24 -0.10 0.00	27.73 0.21 0.00	32.72 0.46 0.00	43.39 0.43 0.00	37.54 0.60 0.00
CLINTON___LFGE 323618	22.48 -0.03 0.00	25.04 0.20 0.00	25.42 0.47 0.00	25.57 0.66 0.00	24.24 0.78 0.00	21.00 0.63 0.00	24.33 0.82 0.00	23.89 0.78 0.00	25.91 0.84 0.00	26.03 0.70 0.00	30.16 0.68 0.00	29.73 0.62 0.00	29.08 0.63 0.00	28.75 0.62 0.00	29.48 0.46 0.00	29.87 0.55 0.00	30.36 0.48 0.00	37.54 0.29 0.00	32.00 0.31 0.00	30.63 0.30 0.00	28.14 0.63 0.00	33.17 0.91 0.00	43.93 0.97 0.00	37.98 1.03 0.00
COBBLENY_34_KV_TB1 80064	23.21 0.70 0.00	25.57 0.73 0.00	25.51 0.56 0.00	25.36 0.46 0.00	23.69 0.23 0.00	20.65 0.28 0.00	24.01 0.50 0.00	23.46 0.36 0.00	25.56 0.49 0.00	25.70 0.37 0.00	29.72 0.24 0.00	29.40 0.29 0.00	28.72 0.27 0.00	28.58 0.45 0.00	30.06 1.05 0.00	30.13 0.82 0.00	30.65 0.77 0.00	38.26 1.01 0.00	32.66 0.97 0.00	31.26 0.93 0.00	28.32 0.81 0.00	32.71 0.46 0.00	43.71 0.75 0.00	37.69 0.74 0.00
COFFEEN___115KV_TB3 355620	22.34 -0.17 0.00	24.66 -0.18 0.00	24.83 -0.12 0.00	24.80 -0.10 0.00	23.46 0.00 0.00	20.33 -0.04 0.00	23.59 0.09 0.00	23.29 0.18 0.00	25.25 0.18 0.00	25.61 0.27 -0.01	30.37 0.41 -0.48	29.44 0.27 -0.06	28.54 0.06 -0.03	28.03 -0.10 0.00	28.83 -0.18 0.00	28.99 -0.32 0.00	29.61 -0.27 0.00	37.58 -0.26 -0.59	31.83 -0.02 -0.16	30.44 -0.03 -0.13	28.08 0.44 -0.13	34.49 0.73 -1.51	45.26 1.03 -1.27	38.51 0.89 -0.67
COLDSPRG_115KV_BK1 355956	23.49 0.99 0.00	25.79 0.95 0.00	25.71 0.76 0.00	25.58 0.68 0.00	23.92 0.46 0.00	20.86 0.48 0.00	24.36 0.86 0.00	23.89 0.78 0.00	26.06 0.99 0.00	26.30 0.97 0.00	30.38 0.90 0.00	30.10 0.99 0.00	29.26 0.80 0.00	29.26 1.13 0.00	30.85 1.84 0.00	30.67 1.36 0.00	31.15 1.28 0.00	38.73 1.48 0.00	33.00 1.31 0.00	31.68 1.35 0.00	28.58 1.07 0.00	32.91 0.65 0.00	43.98 1.02 0.00	38.04 1.09 0.00
COLONIE_LFGE___ 323577	25.59 1.07 -2.02	25.93 1.09 0.00	26.08 1.13 0.00	26.02 1.11 0.00	24.46 1.00 0.00	21.23 0.86 0.00	24.54 1.03 0.00	24.12 1.01 0.00	26.17 1.10 0.00	26.48 1.15 0.00	30.69 1.22 0.00	30.37 1.27 0.00	29.73 1.28 0.00	29.38 1.25 0.00	30.38 1.37 0.00	30.76 1.44 0.00	31.26 1.38 0.00	39.09 1.85 0.00	33.31 1.63 0.00	31.96 1.63 0.00	29.02 1.50 0.00	33.75 1.49 0.00	44.76 1.81 0.00	38.53 1.58 0.00
COOPERNY_115KV_TB1 80082	20.49 0.66 2.68	25.40 0.56 0.00	25.50 0.55 0.00	25.42 0.52 0.00	23.92 0.46 0.00	20.78 0.40 0.00	24.07 0.56 0.00	23.71 0.60 0.00	25.73 0.66 0.00	26.09 0.76 0.00	30.30 0.82 0.00	29.93 0.82 0.00	29.29 0.84 0.00	29.00 0.87 0.00	30.16 1.15 0.00	30.59 1.27 0.00	31.15 1.28 0.00	38.98 1.73 0.00	33.11 1.42 0.00	31.64 1.31 0.00	28.65 1.14 0.00	33.34 1.08 0.00	44.04 1.08 0.00	37.91 0.96 0.00
COPENHAGEN_WT_PWR 323753	22.02 -0.49 0.00	24.34 -0.49 0.00	24.57 -0.38 0.00	24.54 -0.37 0.00	23.25 -0.21 0.00	20.09 -0.28 0.00	23.30 -0.20 0.00	23.05 -0.05 0.00	24.97 -0.10 0.00	25.35 0.00 -0.02	30.06 0.08 -0.50	29.14 -0.03 -0.06	28.31 -0.18 -0.03	27.83 -0.30 0.00	28.64 -0.38 0.00	28.74 -0.58 0.00	29.38 -0.49 0.00	37.37 -0.49 -0.62	31.62 -0.24 -0.17	30.17 -0.31 -0.14	27.74 0.09 -0.14	34.13 0.30 -1.57	44.79 0.50 -1.33	38.19 0.54 -0.70
CORNELL___ 23752	23.01 0.50 0.00	25.33 0.49 0.00	25.33 0.39 0.00	25.29 0.39 0.00	23.80 0.34 0.00	20.72 0.35 0.00	24.02 0.51 0.00	23.70 0.59 0.00	25.80 0.73 0.00	26.15 0.81 -0.01	30.46 0.72 -0.27	29.83 0.70 -0.03	29.13 0.66 -0.02	28.82 0.69 0.00	29.98 0.97 0.00	30.23 0.92 0.00	30.76 0.89 0.00	38.88 1.27 -0.37	33.00 1.21 -0.10	31.53 1.11 -0.08	28.58 0.99 -0.08	34.10 0.91 -0.94	44.73 0.98 -0.79	38.17 0.80 -0.42
CORONA_AV_69_KV_TB1 355595	186.15 1.76 -161.88	49.46 1.66 -22.96	42.88 1.59 -16.34	26.41 1.51 0.00	24.75 1.29 0.00	21.53 1.16 0.00	25.06 1.55 0.00	24.68 1.57 0.00	26.78 1.71 0.00	28.00 1.81 -0.86	32.06 2.04 -0.54	31.01 1.90 0.00	30.44 1.99 0.00	30.95 2.06 -0.76	48.82 2.55 -17.26	88.52 2.73 -56.48	164.45 2.75 -131.83	185.91 3.59 -145.07	271.44 2.96 -236.79	106.20 2.76 -73.10	134.39 2.40 -104.47	75.19 2.49 -40.45	47.67 2.83 -1.88	39.43 2.47 -0.01
CORTLAND_115KV_TB3 80093	22.80 0.29 0.00	25.11 0.27 0.00	25.13 0.18 0.00	25.10 0.20 0.00	23.61 0.15 0.00	20.54 0.17 0.00	23.79 0.28 0.00	23.47 0.36 0.00	25.55 0.48 0.00	25.88 0.54 -0.01	30.21 0.45 -0.28	29.59 0.45 -0.04	28.90 0.43 -0.02	28.59 0.47 0.00	29.71 0.70 0.00	29.98 0.66 0.00	30.57 0.69 0.00	38.56 0.94 -0.38	32.69 0.90 -0.10	31.25 0.83 -0.08	28.32 0.72 -0.08	33.84 0.61 -0.97	44.40 0.62 -0.82	37.88 0.50 -0.43
COXSACKIE___GT 23611	25.38 1.50 -1.37	26.55 1.71 0.00	26.74 1.79 0.00	26.67 1.76 0.00	25.10 1.64 0.00	21.83 1.46 0.00	25.23 1.72 0.00	24.87 1.76 0.00	26.92 1.85 0.00	27.18 1.85 0.00	31.49 2.01 0.00	31.33 2.22 0.00	30.55 2.09 0.00	30.09 1.96 0.00	31.07 2.06 0.00	31.12 1.80 0.00	31.67 1.79 0.00	39.82 2.57 0.00	34.02 2.34 0.00	32.72 2.39 0.00	29.86 2.35 0.00	34.72 2.47 0.00	46.01 3.06 0.00	39.48 2.53 0.00
CPV_VALLEY___CC1 323721	18.91 0.71 4.32	25.44 0.60 0.00	25.51 0.57 0.00	25.43 0.53 0.00	23.93 0.46 0.00	20.80 0.43 0.00	24.10 0.59 0.00	23.76 0.65 0.00	25.78 0.71 0.00	26.15 0.82 0.00	30.37 0.90 0.00	30.00 0.90 0.00	29.38 0.93 0.00	29.09 0.96 0.00	30.30 1.29 0.00	30.76 1.44 0.00	31.32 1.44 0.00	39.19 1.95 0.00	33.27 1.58 0.00	31.78 1.45 0.00	28.76 1.25 0.00	33.43 1.17 0.00	44.10 1.14 0.00	37.98 1.03 0.00

CPV_VALLEY___CC2 323722	18.91 0.71 4.32	25.44 0.60 0.00	25.51 0.57 0.00	25.43 0.53 0.00	23.93 0.46 0.00	20.80 0.43 0.00	24.10 0.59 0.00	23.76 0.65 0.00	25.78 0.71 0.00	26.15 0.82 0.00	30.37 0.90 0.00	30.00 0.90 0.00	29.38 0.93 0.00	29.09 0.96 0.00	30.30 1.29 0.00	30.76 1.44 0.00	31.32 1.44 0.00	39.19 1.95 0.00	33.27 1.58 0.00	31.78 1.45 0.00	28.76 1.25 0.00	33.43 1.17 0.00	44.10 1.14 0.00	37.98 1.03 0.00
CRESCENT___HYD 24018	25.59 1.07 -2.02	25.93 1.09 0.00	26.08 1.13 0.00	26.02 1.11 0.00	24.46 1.00 0.00	21.23 0.86 0.00	24.54 1.03 0.00	24.12 1.01 0.00	26.17 1.10 0.00	26.48 1.15 0.00	30.69 1.22 0.00	30.37 1.27 0.00	29.73 1.28 0.00	29.38 1.25 0.00	30.38 1.37 0.00	30.76 1.44 0.00	31.26 1.38 0.00	39.09 1.85 0.00	33.31 1.63 0.00	31.96 1.63 0.00	29.02 1.50 0.00	33.75 1.49 0.00	44.76 1.81 0.00	38.53 1.58 0.00
CRICKET___VALLEY_CC1 323756	28.01 0.98 -4.53	25.73 0.89 0.00	25.82 0.87 0.00	25.74 0.84 0.00	24.22 0.76 0.00	21.07 0.69 0.00	24.42 0.92 0.00	24.08 0.97 0.00	26.09 1.02 0.00	26.46 1.13 0.00	30.68 1.21 0.00	30.30 1.20 0.00	29.66 1.21 0.00	29.39 1.26 0.00	30.59 1.58 0.00	31.07 1.75 0.00	31.65 1.78 0.00	39.62 2.37 0.00	33.63 1.95 0.00	32.10 1.77 0.00	29.06 1.55 0.00	33.75 1.49 0.00	44.53 1.57 0.00	38.33 1.38 0.00
CRICKET___VALLEY_CC2 323757	28.01 0.98 -4.53	25.73 0.89 0.00	25.82 0.87 0.00	25.74 0.84 0.00	24.22 0.76 0.00	21.07 0.69 0.00	24.42 0.92 0.00	24.08 0.97 0.00	26.09 1.02 0.00	26.46 1.13 0.00	30.68 1.21 0.00	30.30 1.20 0.00	29.66 1.21 0.00	29.39 1.26 0.00	30.59 1.58 0.00	31.07 1.75 0.00	31.65 1.78 0.00	39.62 2.37 0.00	33.63 1.95 0.00	32.10 1.77 0.00	29.06 1.55 0.00	33.75 1.49 0.00	44.53 1.57 0.00	38.33 1.38 0.00
CRICKET___VALLEY_CC3 323758	28.01 0.98 -4.53	25.73 0.89 0.00	25.82 0.87 0.00	25.74 0.84 0.00	24.22 0.76 0.00	21.07 0.69 0.00	24.42 0.92 0.00	24.08 0.97 0.00	26.09 1.02 0.00	26.46 1.13 0.00	30.68 1.21 0.00	30.30 1.20 0.00	29.66 1.21 0.00	29.39 1.26 0.00	30.59 1.58 0.00	31.07 1.75 0.00	31.65 1.78 0.00	39.62 2.37 0.00	33.63 1.95 0.00	32.10 1.77 0.00	29.06 1.55 0.00	33.75 1.49 0.00	44.53 1.57 0.00	38.33 1.38 0.00
CRUCIBLE_METL_DRP 24180	22.46 -0.05 0.00	24.75 -0.09 0.00	24.81 -0.14 0.00	24.73 -0.18 0.00	23.24 -0.22 0.00	20.25 -0.12 0.00	23.45 -0.06 0.00	23.01 -0.10 0.00	24.99 -0.08 0.00	25.30 -0.05 -0.02	29.90 -0.11 -0.53	29.05 -0.12 -0.07	28.40 -0.08 -0.03	28.12 -0.01 0.00	29.21 0.20 0.00	29.52 0.20 0.00	30.12 0.25 0.00	38.41 0.49 -0.67	32.31 0.44 -0.18	30.88 0.39 -0.15	27.97 0.31 -0.15	34.14 0.17 -1.72	44.47 0.06 -1.45	37.71 0.00 -0.76
DAHOWA___HYDRO 323763	25.84 1.41 -1.92	26.29 1.45 0.00	26.40 1.45 0.00	26.33 1.43 0.00	24.77 1.31 0.00	21.53 1.16 0.00	24.93 1.42 0.00	24.53 1.42 0.00	26.60 1.53 0.00	26.86 1.53 0.00	31.05 1.57 0.00	30.78 1.68 0.00	30.17 1.72 0.00	29.74 1.61 0.00	30.75 1.74 0.00	31.15 1.83 0.00	31.64 1.77 0.00	39.61 2.37 0.00	33.88 2.19 0.00	32.50 2.17 0.00	29.64 2.13 0.00	34.40 2.14 0.00	45.58 2.62 0.00	39.22 2.27 0.00
DANC___LFGE 323619	22.06 -0.45 0.00	24.34 -0.50 0.00	24.50 -0.45 0.00	24.45 -0.45 0.00	23.10 -0.36 0.00	20.02 -0.35 0.00	23.19 -0.31 0.00	22.89 -0.22 0.00	24.81 -0.25 0.00	25.16 -0.19 -0.02	29.91 -0.19 -0.62	28.93 -0.26 -0.08	28.15 -0.34 -0.04	27.73 -0.40 0.00	28.64 -0.37 0.00	28.80 -0.52 0.00	29.39 -0.48 0.00	37.56 -0.44 -0.76	31.65 -0.24 -0.21	30.21 -0.29 -0.16	27.66 -0.03 -0.17	34.25 0.06 -1.93	44.68 0.09 -1.63	37.92 0.11 -0.86
DANSKAMMER___1 23586	25.25 1.28 -1.46	26.03 1.19 0.00	26.10 1.14 0.00	26.00 1.09 0.00	24.46 1.00 0.00	21.27 0.90 0.00	24.68 1.17 0.00	24.34 1.23 0.00	26.41 1.34 0.00	26.83 1.50 0.00	31.14 1.66 0.00	30.77 1.67 0.00	30.13 1.68 0.00	29.84 1.71 0.00	31.09 2.08 0.00	31.59 2.28 0.00	32.19 2.32 0.00	40.31 3.06 0.00	34.21 2.52 0.00	32.68 2.34 0.00	29.55 2.05 0.00	34.29 2.04 0.00	45.19 2.23 0.00	38.88 1.93 0.00
DANSKAMMER___2 23589	25.25 1.28 -1.46	26.03 1.19 0.00	26.10 1.14 0.00	26.00 1.09 0.00	24.46 1.00 0.00	21.27 0.90 0.00	24.68 1.17 0.00	24.34 1.23 0.00	26.41 1.34 0.00	26.83 1.50 0.00	31.14 1.66 0.00	30.77 1.67 0.00	30.13 1.68 0.00	29.84 1.71 0.00	31.09 2.08 0.00	31.59 2.28 0.00	32.19 2.32 0.00	40.31 3.06 0.00	34.21 2.52 0.00	32.68 2.34 0.00	29.55 2.05 0.00	34.29 2.04 0.00	45.19 2.23 0.00	38.88 1.93 0.00
DANSKAMMER___3 23590	25.25 1.28 -1.46	26.03 1.19 0.00	26.10 1.14 0.00	26.00 1.09 0.00	24.46 1.00 0.00	21.27 0.90 0.00	24.68 1.17 0.00	24.34 1.23 0.00	26.41 1.34 0.00	26.83 1.50 0.00	31.14 1.66 0.00	30.77 1.67 0.00	30.13 1.68 0.00	29.84 1.71 0.00	31.09 2.08 0.00	31.59 2.28 0.00	32.19 2.32 0.00	40.31 3.06 0.00	34.21 2.52 0.00	32.68 2.34 0.00	29.55 2.05 0.00	34.29 2.04 0.00	45.19 2.23 0.00	38.88 1.93 0.00
DANSKAMMER___4 23591	25.25 1.28 -1.46	26.03 1.19 0.00	26.10 1.14 0.00	26.00 1.09 0.00	24.46 1.00 0.00	21.27 0.90 0.00	24.68 1.17 0.00	24.34 1.23 0.00	26.41 1.34 0.00	26.83 1.50 0.00	31.14 1.66 0.00	30.77 1.67 0.00	30.13 1.68 0.00	29.84 1.71 0.00	31.09 2.08 0.00	31.59 2.28 0.00	32.19 2.32 0.00	40.31 3.06 0.00	34.21 2.52 0.00	32.68 2.34 0.00	29.55 2.05 0.00	34.29 2.04 0.00	45.19 2.23 0.00	38.88 1.93 0.00
DANSKAMMER___DIESEL 23592	25.25 1.27 -1.46	26.02 1.18 0.00	26.09 1.14 0.00	26.00 1.10 0.00	24.46 1.00 0.00	21.27 0.90 0.00	24.67 1.16 0.00	24.34 1.23 0.00	26.42 1.35 0.00	26.83 1.50 0.00	31.15 1.67 0.00	30.78 1.67 0.00	30.13 1.68 0.00	29.84 1.71 0.00	31.09 2.08 0.00	31.59 2.28 0.00	32.19 2.32 0.00	40.31 3.06 0.00	34.21 2.52 0.00	32.68 2.34 0.00	29.56 2.05 0.00	34.29 2.04 0.00	45.18 2.23 0.00	38.89 1.94 0.00
DARBY___SOLAR 323810	25.79 1.35 -1.93	26.22 1.38 0.00	26.34 1.39 0.00	26.27 1.37 0.00	24.71 1.25 0.00	21.47 1.10 0.00	24.85 1.34 0.00	24.45 1.34 0.00	26.51 1.44 0.00	26.78 1.45 0.00	30.97 1.49 0.00	30.68 1.58 0.00	30.08 1.63 0.00	29.66 1.53 0.00	30.67 1.66 0.00	31.06 1.74 0.00	31.54 1.67 0.00	39.52 2.27 0.00	33.77 2.09 0.00	32.41 2.07 0.00	29.51 2.00 0.00	34.29 2.03 0.00	45.43 2.47 0.00	39.10 2.15 0.00
DASHVILLE___HYD 23610	23.45 0.94 0.00	25.64 0.80 0.00	25.71 0.76 0.00	25.64 0.74 0.00	24.12 0.66 0.00	20.94 0.57 0.00	24.27 0.77 0.00	23.97 0.86 0.00	26.02 0.95 0.00	26.45 1.12 0.00	30.70 1.22 0.00	30.31 1.21 0.00	29.68 1.22 0.00	29.41 1.28 0.00	30.67 1.66 0.00	31.19 1.88 0.00	31.75 1.88 0.00	39.73 2.48 0.00	33.67 1.98 0.00	32.15 1.81 0.00	29.05 1.54 0.00	33.74 1.48 0.00	44.45 1.49 0.00	38.28 1.33 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	187.52 3.13 -161.88	50.82 3.02 -22.96	44.30 3.00 -16.34	27.62 2.72 0.00	25.75 2.29 0.00	22.42 2.05 0.00	26.31 2.80 0.00	25.95 2.84 0.00	28.19 3.12 0.00	29.42 3.23 -0.86	33.66 3.63 -0.54	32.47 3.36 0.00	32.00 3.55 0.00	32.61 3.72 -0.76	50.72 4.45 -17.26	215.41 4.58 -181.51	216.51 4.44 -182.19	197.49 5.86 -154.39	273.33 4.86 -236.79	107.89 4.45 -73.10	136.01 4.03 -104.47	77.13 4.42 -40.45	50.81 5.97 -1.88	41.85 4.89 -0.01
DELAWARE___LFGE 323621	23.21 0.70 0.00	25.54 0.71 0.00	25.66 0.71 0.00	25.61 0.70 0.00	24.09 0.63 0.00	20.88 0.51 0.00	24.18 0.68 0.00	23.80 0.69 0.00	25.85 0.78 0.00	26.17 0.83 0.00	30.48 0.90 -0.10	30.04 0.93 -0.01	29.36 0.90 -0.01	29.05 0.92 0.00	30.14 1.13 0.00	30.49 1.17 0.00	31.05 1.17 0.00	38.95 1.57 -0.13	33.07 1.35 -0.04	31.65 1.28 -0.03	28.66 1.12 -0.03	33.71 1.10 -0.35	44.48 1.23 -0.29	38.18 1.08 -0.15
DERFIELD_115KV_TB7 355931	22.60 0.09 0.00	24.92 0.08 0.00	25.03 0.07 0.00	24.98 0.08 0.00	23.53 0.07 0.00	20.42 0.04 0.00	23.59 0.08 0.00	23.21 0.10 0.00	25.18 0.11 0.00	25.48 0.14 0.00	29.63 0.15 0.00	29.26 0.15 0.00	28.60 0.15 0.00	28.29 0.16 0.00	29.21 0.20 0.00	29.52 0.20 0.00	30.09 0.21 0.00	37.50 0.26 0.00	31.86 0.17 0.00	30.49 0.15 0.00	27.65 0.13 0.00	32.34 0.08 0.00	42.99 0.03 0.00	36.97 0.02 0.00
DOGLEVILLE___HYD 23807	22.38 -0.13 0.00	24.57 -0.27 0.00	24.62 -0.33 0.00	24.65 -0.26 0.00	23.25 -0.21 0.00	20.08 -0.29 0.00	23.28 -0.22 0.00	22.94 -0.17 0.00	24.95 -0.12 0.00	25.40 0.07 0.00	29.53 0.06 0.00	29.16 0.06 0.00	28.62 0.17 0.00	28.29 0.16 0.00	29.28 0.27 0.00	29.62 0.30 0.00	30.04 0.16 0.00	37.51 0.26 0.00	31.98 0.30 0.00	30.86 0.52 0.00	28.01 0.50 0.00	32.51 0.25 0.00	42.91 -0.05 0.00	36.73 -0.21 0.00
DUNKIRK___115KV_TB_200 55889	23.27 0.76 0.00	25.56 0.72 0.00	25.48 0.53 0.00	25.34 0.44 0.00	23.68 0.22 0.00	20.62 0.25 0.00	24.05 0.55 0.00	23.50 0.39 0.00	25.57 0.50 0.00	25.77 0.44 0.00	29.89 0.42 0.00	29.58 0.47 0.00	28.81 0.36 0.00	28.68 0.55 0.00	30.21 1.19 0.00	30.15 0.83 0.00	30.62 0.75 0.00	38.15 0.91 0.00	32.58 0.89 0.00	31.29 0.95 0.00	28.27 0.76 0.00	32.58 0.32 0.00	43.51 0.55 0.00	37.61 0.66 0.00
DUNKIRK___1 23563	23.27 0.76 0.00	25.56 0.72 0.00	25.48 0.53 0.00	25.34 0.44 0.00	23.68 0.22 0.00	20.62 0.25 0.00	24.05 0.55 0.00	23.50 0.39 0.00	25.57 0.50 0.00	25.77 0.44 0.00	29.89 0.42 0.00	29.58 0.47 0.00	28.81 0.36 0.00	28.68 0.55 0.00	30.21 1.19 0.00	30.15 0.83 0.00	30.62 0.75 0.00	38.15 0.91 0.00	32.58 0.89 0.00	31.29 0.95 0.00	28.27 0.76 0.00	32.58 0.32 0.00	43.51 0.55 0.00	37.61 0.66 0.00
DUNKIRK___2 23564	23.27 0.76 0.00	25.56 0.72 0.00	25.48 0.53 0.00	25.34 0.44 0.00	23.68 0.22 0.00	20.62 0.25 0.00	24.05 0.55 0.00	23.50 0.39 0.00	25.57 0.50 0.00	25.77 0.44 0.00	29.89 0.42 0.00	29.58 0.47 0.00	28.81 0.36 0.00	28.68 0.55 0.00	30.21 1.19 0.00	30.15 0.83 0.00	30.62 0.75 0.00	38.15 0.91 0.00	32.58 0.89 0.00	31.29 0.95 0.00	28.27 0.76 0.00	32.58 0.32 0.00	43.51 0.55 0.00	37.61 0.66 0.00
DUNKIRK___3 23565	23.18 0.67 0.00	25.48 0.65 0.00	25.42 0.46 0.00	25.29 0.38 0.00	23.62 0.16 0.00	20.58 0.21 0.00	23.98 0.48 0.00	23.42 0.31 0.00	25.50 0.43 0.00	25.68 0.35 0.00	29.74 0.26 0.00	29.41 0.31 0.00	28.67 0.22 0.00	28.53 0.40 0.00	30.03 1.02 0.00	30.03 0.71 0.00	30.51 0.63 0.00	38.06 0.81 0.00	32.48 0.79 0.00	31.16 0.82 0.00	28.17 0.66 0.00	32.49 0.23 0.00	43.42 0.46 0.00	37.50 0.55 0.00
DUNKIRK___4 23566	23.18 0.67 0.00	25.48 0.65 0.00	25.42 0.46 0.00	25.29 0.38 0.00	23.62 0.16 0.00	20.58 0.21 0.00	23.98 0.48 0.00	23.42 0.31 0.00	25.50 0.43 0.00	25.68 0.35 0.00	29.74 0.26 0.00	29.41 0.31 0.00	28.67 0.22 0.00	28.53 0.40 0.00	30.03 1.02 0.00	30.03 0.71 0.00	30.51 0.63 0.00	38.06 0.81 0.00	32.48 0.79 0.00	31.16 0.82 0.00	28.17 0.66 0.00	32.49 0.23 0.00	43.42 0.46 0.00	37.50 0.55 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.33 1.24 -8.58	25.95 1.11 0.00	26.01 1.06 0.00	25.90 0.99 0.00	24.35 0.89 0.00	21.20 0.82 0.00	24.60 1.10 0.00	24.28 1.17 0.00	26.32 1.25 0.00	26.73 1.40 0.00	31.03 1.55 0.00	30.64 1.54 0.00	30.01 1.56 0.00	29.74 1.61 0.00	31.06 2.05 0.00	31.56 2.24 0.00	32.13 2.26 0.00	40.23 2.99 0.00	34.10 2.41 0.00	32.53 2.19 0.00	29.41 1.90 0.00	34.16 1.90 0.00	44.96 2.00 0.00	38.73 1.78 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.34 1.04 1.22	25.76 0.92 0.00	25.84 0.89 0.00	25.75 0.84 0.00	24.22 0.76 0.00	21.07 0.69 0.00	24.42 0.91 0.00	24.09 0.98 0.00	26.14 1.07 0.00	26.54 1.21 0.00	30.82 1.34 0.00	30.45 1.35 0.00	29.82 1.36 0.00	29.53 1.40 0.00	30.77 1.76 0.00	31.26 1.94 0.00	31.84 1.97 0.00	39.87 2.62 0.00	33.83 2.14 0.00	32.33 1.99 0.00	29.24 1.73 0.00	33.95 1.70 0.00	44.73 1.77 0.00	38.51 1.56 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.84 1.22 -12.11	25.95 1.11 0.00	25.99 1.04 0.00	25.84 0.94 0.00	24.31 0.85 0.00	21.19 0.81 0.00	24.56 1.06 0.00	24.23 1.12 0.00	26.28 1.21 0.00	26.69 1.36 0.00	30.94 1.47 0.00	30.57 1.47 0.00	29.94 1.49 0.00	29.67 1.54 0.00	31.04 2.03 0.00	31.54 2.22 0.00	32.08 2.21 0.00	40.15 2.91 0.00	34.04 2.35 0.00	32.48 2.15 0.00	29.38 1.87 0.00	34.12 1.87 0.00	44.80 1.84 0.00	38.60 1.66 0.00
E179THST_13_KV_LOAD 356214	35.96 1.34 -12.11	26.08 1.25 0.00	26.11 1.16 0.00	25.96 1.05 0.00	24.42 0.96 0.00	21.29 0.92 0.00	24.69 1.18 0.00	24.36 1.25 0.00	26.43 1.36 0.00	26.83 1.50 0.00	31.12 1.64 0.00	30.74 1.64 0.00	30.11 1.66 0.00	29.84 1.71 0.00	31.22 2.21 0.00	31.72 2.41 0.00	32.28 2.40 0.00	40.39 3.14 0.00	34.24 2.55 0.00	32.67 2.34 0.00	29.55 2.04 0.00	34.32 2.06 0.00	45.05 2.09 0.00	38.81 1.86 0.00
EAST HAMPTON___GT 23717	187.86 3.47 -161.88	51.44 3.64 -22.96	44.70 3.41 -16.34	28.03 3.12 0.00	26.12 2.66 0.00	22.80 2.43 0.00	26.77 3.26 0.00	26.34 3.23 0.00	28.66 3.59 0.00	29.90 3.71 -0.86	34.21 4.19 -0.54	33.02 3.92 0.00	32.55 4.09 0.00	33.16 4.27 -0.76	51.29 5.02 -17.26	215.89 5.04 -181.53	216.82 4.75 -182.20	198.26 6.62 -154.39	274.02 5.54 -236.79	108.49 5.06 -73.10	136.55 4.57 -104.47	77.76 5.05 -40.45	51.67 6.83 -1.88	42.63 5.68 -0.01
EAST RIVER___6 23660	35.74 1.32 -11.91	26.01 1.18 0.00	26.05 1.10 0.00	25.91 1.01 0.00	24.36 0.90 0.00	21.22 0.85 0.00	24.63 1.13 0.00	24.33 1.22 0.00	26.39 1.32 0.00	26.83 1.50 0.00	31.14 1.66 0.00	30.75 1.65 0.00	30.13 1.67 0.00	29.87 1.74 0.00	31.21 2.20 0.00	31.74 2.42 0.00	32.31 2.44 0.00	40.47 3.23 0.00	34.25 2.56 0.00	32.64 2.31 0.00	29.52 2.01 0.00	34.25 1.99 0.00	45.01 2.05 0.00	38.77 1.82 0.00

EAST_RIVER___7 23524	35.74 1.32 -11.91	26.01 1.18 0.00	26.05 1.10 0.00	25.91 1.01 0.00	24.36 0.90 0.00	21.22 0.85 0.00	24.63 1.13 0.00	24.33 1.22 0.00	26.39 1.32 0.00	26.83 1.50 0.00	31.14 1.66 0.00	30.75 1.65 0.00	30.13 1.67 0.00	29.87 1.74 0.00	31.21 2.20 0.00	31.74 2.42 0.00	32.31 2.44 0.00	40.47 3.23 0.00	34.25 2.56 0.00	32.64 2.31 0.00	29.52 2.01 0.00	34.25 1.99 0.00	45.01 2.05 0.00	38.77 1.82 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.73 1.18 -7.05	25.88 1.04 0.00	25.95 1.00 0.00	25.85 0.94 0.00	24.30 0.84 0.00	21.16 0.78 0.00	24.55 1.04 0.00	24.22 1.11 0.00	26.27 1.20 0.00	26.68 1.34 0.00	30.96 1.48 0.00	30.57 1.47 0.00	29.95 1.51 0.00	29.68 1.54 0.00	30.98 1.97 0.00	31.48 2.16 0.00	32.05 2.18 0.00	40.12 2.87 0.00	34.01 2.32 0.00	32.46 2.12 0.00	29.35 1.84 0.00	34.08 1.82 0.00	44.86 1.90 0.00	38.65 1.70 0.00
EAST_HAMPTON___DIESEL 23722	187.86 3.47 -161.88	51.44 3.64 -22.96	44.70 3.41 -16.34	28.03 3.12 0.00	26.12 2.66 0.00	22.81 2.44 0.00	26.77 3.26 0.00	26.34 3.23 0.00	28.66 3.59 0.00	29.90 3.72 -0.86	34.22 4.19 -0.54	33.03 3.92 0.00	32.55 4.10 0.00	33.17 4.28 -0.76	51.29 5.02 -17.26	215.89 5.05 -181.53	216.84 4.76 -182.20	198.26 6.63 -154.39	274.02 5.54 -236.79	108.49 5.06 -73.10	136.55 4.57 -104.47	77.76 5.06 -40.45	51.69 6.84 -1.88	42.64 5.68 -0.01
EAST_PULASKI___ESR 323781	22.08 -0.43 0.00	24.34 -0.50 0.00	24.44 -0.51 0.00	24.39 -0.52 0.00	22.97 -0.49 0.00	19.96 -0.41 0.00	23.09 -0.41 0.00	22.72 -0.39 0.00	24.67 -0.40 0.00	24.99 -0.37 -0.03	29.93 -0.43 -0.88	28.76 -0.46 -0.11	28.03 -0.48 -0.06	27.67 -0.46 0.00	28.67 -0.34 0.00	28.91 -0.41 0.00	29.47 -0.41 0.00	37.97 -0.34 -1.06	31.75 -0.22 -0.29	30.32 -0.25 -0.23	27.61 -0.14 -0.24	34.79 -0.19 -2.72	44.90 -0.35 -2.29	37.84 -0.32 -1.21
EAST_RIVER___1 323558	35.68 1.26 -11.91	25.97 1.13 0.00	26.01 1.06 0.00	25.89 0.98 0.00	24.34 0.88 0.00	21.20 0.83 0.00	24.62 1.11 0.00	24.30 1.19 0.00	26.35 1.28 0.00	26.78 1.45 0.00	31.07 1.58 0.00	30.69 1.58 0.00	30.06 1.61 0.00	29.80 1.67 0.00	31.13 2.12 0.00	31.66 2.34 0.00	32.23 2.35 0.00	40.34 3.09 0.00	34.14 2.46 0.00	32.55 2.22 0.00	29.43 1.91 0.00	34.16 1.91 0.00	44.91 1.95 0.00	38.68 1.73 0.00
EAST_RIVER___2 323559	35.74 1.32 -11.91	26.01 1.18 0.00	26.05 1.10 0.00	25.91 1.01 0.00	24.36 0.90 0.00	21.22 0.85 0.00	24.63 1.13 0.00	24.33 1.22 0.00	26.39 1.32 0.00	26.83 1.50 0.00	31.14 1.66 0.00	30.75 1.65 0.00	30.13 1.67 0.00	29.87 1.74 0.00	31.21 2.20 0.00	31.74 2.42 0.00	32.31 2.44 0.00	40.47 3.23 0.00	34.25 2.56 0.00	32.64 2.31 0.00	29.52 2.01 0.00	34.25 1.99 0.00	45.01 2.05 0.00	38.77 1.82 0.00
EAST___DELAWARE_HYD 23607	22.07 0.75 1.19	25.44 0.60 0.00	25.47 0.52 0.00	25.33 0.43 0.00	23.82 0.36 0.00	20.73 0.36 0.00	24.08 0.58 0.00	23.78 0.66 0.00	25.95 0.88 0.00	26.37 1.05 0.00	30.64 1.17 0.00	30.28 1.18 0.00	29.60 1.15 0.00	29.31 1.18 0.00	30.50 1.49 0.00	31.00 1.68 0.00	31.69 1.81 0.00	39.69 2.44 0.00	33.68 2.00 0.00	32.19 1.85 0.00	29.09 1.58 0.00	33.82 1.56 0.00	44.53 1.57 0.00	38.29 1.34 0.00
EIGHT_POINT___WT_PWR 323820	22.99 0.48 0.00	25.17 0.33 0.00	25.12 0.17 0.00	24.93 0.03 0.00	23.25 -0.21 0.00	20.47 0.09 0.00	23.84 0.33 0.00	23.43 0.33 0.00	25.71 0.64 0.00	25.86 0.53 0.00	29.75 0.27 0.00	29.34 0.23 0.00	28.63 0.18 0.00	28.45 0.32 0.00	29.88 0.87 0.00	29.88 0.56 0.00	30.55 0.67 0.00	38.45 1.06 -0.14	32.67 0.94 -0.04	30.91 0.54 -0.03	28.12 0.58 -0.03	32.77 0.15 -0.36	43.54 0.27 -0.30	37.29 0.18 -0.16
ELBRIDGE_115KV_TB2 80188	22.38 -0.13 0.00	24.67 -0.17 0.00	24.73 -0.22 0.00	24.63 -0.27 0.00	23.17 -0.29 0.00	20.17 -0.20 0.00	23.36 -0.15 0.00	22.94 -0.17 0.00	24.90 -0.17 0.00	25.22 -0.13 -0.02	29.83 -0.21 -0.57	28.94 -0.23 -0.07	28.27 -0.22 -0.04	27.99 -0.14 0.00	29.10 0.09 0.00	29.36 0.04 0.00	29.94 0.07 0.00	38.25 0.29 -0.71	32.16 0.27 -0.20	30.74 0.25 -0.16	27.83 0.16 -0.16	34.10 0.01 -1.83	44.34 -0.16 -1.54	37.60 -0.16 -0.81
ELEC_TRO_TEK 24086	186.03 1.64 -161.88	49.30 1.51 -22.96	42.76 1.47 -16.34	26.27 1.36 0.00	24.60 1.14 0.00	21.41 1.04 0.00	24.95 1.44 0.00	24.61 1.51 0.00	26.73 1.66 0.00	27.93 1.74 -0.86	31.97 1.95 -0.54	30.93 1.83 0.00	30.37 1.92 0.00	30.87 1.98 -0.76	48.74 2.47 -17.26	88.74 2.64 -56.78	164.48 2.66 -131.95	185.84 3.50 -145.10	271.35 2.88 -236.79	106.08 2.64 -73.10	134.31 2.33 -104.47	75.11 2.41 -40.45	47.65 2.80 -1.88	39.38 2.43 -0.01
ELLENBURG_WT_PWR 323604	22.26 -0.24 0.00	24.79 -0.05 0.00	25.19 0.24 0.00	25.32 0.42 0.00	24.01 0.55 0.00	20.80 0.42 0.00	24.07 0.57 0.00	23.64 0.53 0.00	25.64 0.56 0.00	25.78 0.45 0.00	29.93 0.45 0.00	29.48 0.37 0.00	28.81 0.36 0.00	28.47 0.34 0.00	29.16 0.15 0.00	29.50 0.18 0.00	29.97 0.09 0.00	37.07 -0.17 0.00	31.57 -0.12 0.00	30.24 -0.10 0.00	27.73 0.21 0.00	32.72 0.46 0.00	43.39 0.43 0.00	37.54 0.60 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.11 0.60 0.00	25.47 0.64 0.00	25.42 0.47 0.00	25.28 0.38 0.00	23.61 0.15 0.00	20.57 0.20 0.00	23.90 0.39 0.00	23.29 0.18 0.00	25.39 0.32 0.00	25.51 0.18 0.00	29.51 0.03 0.00	29.17 0.07 0.00	28.47 0.02 0.00	28.33 0.20 0.00	29.80 0.79 0.00	29.86 0.54 0.00	30.34 0.46 0.00	37.87 0.63 0.00	32.34 0.65 0.00	30.98 0.64 0.00	28.06 0.55 0.00	32.41 0.16 0.00	43.36 0.40 0.00	37.43 0.48 0.00
EMPIRE_CC_1 323656	25.74 0.76 -2.47	25.60 0.76 0.00	25.75 0.80 0.00	25.69 0.79 0.00	24.17 0.71 0.00	20.96 0.59 0.00	24.22 0.71 0.00	23.78 0.67 0.00	25.82 0.75 0.00	26.14 0.81 0.00	30.30 0.83 0.00	29.95 0.85 0.00	29.30 0.85 0.00	28.98 0.85 0.00	29.91 0.90 0.00	30.27 0.95 0.00	30.77 0.90 0.00	38.45 1.20 0.00	32.73 1.05 0.00	31.40 1.06 0.00	28.49 0.98 0.00	33.18 0.92 0.00	44.17 1.21 0.00	38.07 1.12 0.00
EMPIRE_CC_2 323658	25.74 0.76 -2.47	25.60 0.76 0.00	25.75 0.80 0.00	25.69 0.79 0.00	24.17 0.71 0.00	20.96 0.59 0.00	24.22 0.71 0.00	23.78 0.67 0.00	25.82 0.75 0.00	26.14 0.81 0.00	30.30 0.83 0.00	29.95 0.85 0.00	29.30 0.85 0.00	28.98 0.85 0.00	29.91 0.90 0.00	30.27 0.95 0.00	30.77 0.90 0.00	38.45 1.20 0.00	32.73 1.05 0.00	31.40 1.06 0.00	28.49 0.98 0.00	33.18 0.92 0.00	44.17 1.21 0.00	38.07 1.12 0.00
ENORWICH_115KV_TB1 80156	23.97 1.47 0.00	26.35 1.51 0.00	26.23 1.28 0.00	26.26 1.36 0.00	24.80 1.34 0.00	21.65 1.28 0.00	25.17 1.66 0.00	24.76 1.65 0.00	27.06 1.99 0.00	27.46 2.13 -0.01	31.93 2.24 -0.20	31.43 2.30 -0.03	30.39 1.92 -0.01	29.98 1.85 0.00	31.18 2.17 0.00	31.49 2.17 0.00	32.26 2.39 0.00	40.61 3.08 -0.28	34.73 2.97 -0.08	33.04 2.64 -0.06	30.11 2.53 -0.06	35.65 2.67 -0.72	46.75 3.19 -0.60	39.72 2.45 -0.32

ERIE_ST__34_KV_TB1-2 80199	23.26 0.75 0.00	25.62 0.78 0.00	25.55 0.60 0.00	25.41 0.50 0.00	23.73 0.27 0.00	20.70 0.33 0.00	24.06 0.55 0.00	23.51 0.40 0.00	25.67 0.60 0.00	25.83 0.50 0.00	29.84 0.36 0.00	29.53 0.43 0.00	28.82 0.36 0.00	28.70 0.57 0.00	30.16 1.15 0.00	30.25 0.93 0.00	30.75 0.87 0.00	38.36 1.11 0.00	32.73 1.04 0.00	31.35 1.01 0.00	28.36 0.85 0.00	32.72 0.46 0.00	43.74 0.78 0.00	37.74 0.79 0.00
ERIE_WT_PWR 323693	23.22 0.71 0.00	25.51 0.67 0.00	25.52 0.58 0.00	25.38 0.47 0.00	23.70 0.24 0.00	20.65 0.27 0.00	24.01 0.50 0.00	23.43 0.33 0.00	25.54 0.47 0.00	25.67 0.34 0.00	29.68 0.20 0.00	29.32 0.22 0.00	28.61 0.16 0.00	28.46 0.33 0.00	29.95 0.94 0.00	29.99 0.67 0.00	30.49 0.62 0.00	38.07 0.82 0.00	32.48 0.80 0.00	31.12 0.79 0.00	28.20 0.69 0.00	32.61 0.36 0.00	43.58 0.62 0.00	37.59 0.65 0.00
ESPRGFLD_115KV_TB1 80157	24.78 1.37 -0.90	26.27 1.43 0.00	26.33 1.38 0.00	26.21 1.31 0.00	24.72 1.26 0.00	21.50 1.13 0.00	24.98 1.47 0.00	24.57 1.46 0.00	26.64 1.57 0.00	26.94 1.60 0.00	31.32 1.84 0.00	31.03 1.92 0.00	30.28 1.83 0.00	29.97 1.84 0.00	31.00 1.99 0.00	31.27 1.95 0.00	31.87 2.00 0.00	39.91 2.66 0.00	33.87 2.19 0.00	32.43 2.10 0.00	29.40 1.89 0.00	34.36 2.10 0.00	45.51 2.56 0.00	39.24 2.29 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.97 0.46 0.00	25.30 0.46 0.00	25.31 0.36 0.00	25.26 0.36 0.00	23.77 0.31 0.00	20.69 0.32 0.00	23.99 0.48 0.00	23.67 0.56 0.00	25.76 0.69 0.00	26.11 0.77 -0.01	30.44 0.68 -0.28	29.79 0.65 -0.04	29.09 0.61 -0.02	28.77 0.63 0.00	29.94 0.93 0.00	30.19 0.87 0.00	30.71 0.84 0.00	38.84 1.21 -0.38	32.96 1.17 -0.10	31.49 1.07 -0.08	28.55 0.95 -0.08	34.11 0.88 -0.98	44.73 0.94 -0.82	38.15 0.76 -0.43
ETNA____115KV_TB2 80207	22.97 0.46 0.00	25.30 0.46 0.00	25.31 0.36 0.00	25.26 0.36 0.00	23.77 0.31 0.00	20.69 0.32 0.00	23.99 0.48 0.00	23.67 0.56 0.00	25.76 0.69 0.00	26.11 0.77 -0.01	30.44 0.68 -0.28	29.79 0.65 -0.04	29.09 0.61 -0.02	28.77 0.63 0.00	29.94 0.93 0.00	30.19 0.87 0.00	30.71 0.84 0.00	38.84 1.21 -0.38	32.96 1.17 -0.10	31.49 1.07 -0.08	28.55 0.95 -0.08	34.11 0.88 -0.98	44.73 0.94 -0.82	38.15 0.76 -0.43
EUCLID____115KV_TB2 356179	22.15 -0.35 0.00	24.43 -0.41 0.00	24.48 -0.47 0.00	24.44 -0.46 0.00	22.98 -0.48 0.00	19.98 -0.39 0.00	23.08 -0.42 0.00	22.66 -0.44 0.00	24.65 -0.42 0.00	24.93 -0.41 -0.01	29.18 -0.51 -0.21	28.64 -0.49 -0.03	28.00 -0.46 -0.01	27.73 -0.40 0.00	28.80 -0.22 0.00	29.11 -0.20 0.00	29.71 -0.16 0.00	37.49 -0.07 -0.31	31.74 -0.03 -0.08	30.34 -0.07 -0.07	27.49 -0.09 -0.07	32.78 -0.27 -0.79	43.13 -0.50 -0.67	36.84 -0.46 -0.35
E_CANADA_CAP_HY 24051	25.59 1.76 -1.32	26.74 1.90 0.00	26.78 1.83 0.00	26.65 1.74 0.00	25.14 1.68 0.00	21.91 1.54 0.00	25.44 1.94 0.00	24.97 1.86 0.00	27.02 1.95 0.00	27.29 1.96 0.00	31.73 2.25 0.00	31.48 2.37 0.00	30.77 2.32 0.00	30.46 2.32 0.00	31.38 2.37 0.00	31.59 2.28 0.00	32.18 2.31 0.00	40.38 3.14 0.00	34.23 2.54 0.00	32.87 2.53 0.00	29.85 2.34 0.00	34.88 2.63 0.00	46.20 3.24 0.00	39.94 2.99 0.00
E_CANADA_MHWK_HY 24050	22.38 -0.13 0.00	24.57 -0.27 0.00	24.62 -0.33 0.00	24.65 -0.26 0.00	23.25 -0.21 0.00	20.08 -0.29 0.00	23.28 -0.22 0.00	22.94 -0.17 0.00	24.95 -0.12 0.00	25.40 0.07 0.00	29.53 0.06 0.00	29.16 0.06 0.00	28.62 0.17 0.00	28.29 0.16 0.00	29.28 0.27 0.00	29.62 0.30 0.00	30.04 0.16 0.00	37.51 0.26 0.00	31.98 0.30 0.00	30.86 0.52 0.00	28.01 0.50 0.00	32.51 0.25 0.00	42.91 -0.05 0.00	36.73 -0.21 0.00
E_FISHKILL____LBMP 23776	28.79 1.06 -5.22	25.78 0.94 0.00	25.88 0.93 0.00	25.78 0.88 0.00	24.24 0.78 0.00	21.09 0.71 0.00	24.45 0.94 0.00	24.12 1.01 0.00	26.15 1.08 0.00	26.52 1.20 0.00	30.78 1.30 0.00	30.40 1.29 0.00	29.76 1.31 0.00	29.49 1.36 0.00	30.74 1.72 0.00	31.21 1.89 0.00	31.78 1.90 0.00	39.77 2.52 0.00	33.74 2.06 0.00	32.22 1.88 0.00	29.15 1.64 0.00	33.87 1.61 0.00	44.66 1.70 0.00	38.46 1.51 0.00
FALCON____SEABRD_CC1 323796	22.48 -0.03 0.00	25.05 0.21 0.00	25.44 0.49 0.00	25.58 0.68 0.00	24.24 0.79 0.00	21.00 0.63 0.00	24.30 0.79 0.00	23.84 0.73 0.00	25.83 0.77 0.00	25.96 0.64 0.00	30.10 0.62 0.00	29.64 0.54 0.00	29.00 0.55 0.00	28.67 0.54 0.00	29.37 0.36 0.00	29.76 0.44 0.00	30.22 0.35 0.00	37.42 0.17 0.00	31.87 0.19 0.00	30.52 0.18 0.00	28.08 0.57 0.00	33.13 0.87 0.00	43.91 0.95 0.00	37.97 1.02 0.00
FALCON____SEABRD_CC2 323797	22.48 -0.03 0.00	25.05 0.21 0.00	25.44 0.49 0.00	25.58 0.68 0.00	24.24 0.79 0.00	21.00 0.63 0.00	24.30 0.79 0.00	23.84 0.73 0.00	25.83 0.77 0.00	25.96 0.64 0.00	30.10 0.62 0.00	29.64 0.54 0.00	29.00 0.55 0.00	28.67 0.54 0.00	29.37 0.36 0.00	29.76 0.44 0.00	30.22 0.35 0.00	37.42 0.17 0.00	31.87 0.19 0.00	30.52 0.18 0.00	28.08 0.57 0.00	33.13 0.87 0.00	43.91 0.95 0.00	37.97 1.02 0.00
FAR ROCKAWAY____4 23548	186.35 1.96 -161.88	49.69 1.88 -22.96	43.09 1.80 -16.34	26.62 1.71 0.00	24.94 1.49 0.00	21.70 1.33 0.00	25.25 1.74 0.00	24.73 1.61 0.00	26.70 1.63 0.00	27.92 1.73 -0.86	31.96 1.94 -0.54	30.89 1.79 0.00	30.35 1.89 0.00	30.85 1.96 -0.76	48.74 2.47 -17.26	88.46 2.66 -56.48	164.38 2.68 -131.83	185.84 3.52 -145.07	271.37 2.89 -236.79	106.27 2.83 -73.10	134.34 2.36 -104.47	75.11 2.41 -40.45	47.54 2.69 -1.88	39.32 2.36 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.73 1.28 -11.95	25.96 1.13 0.00	26.03 1.08 0.00	25.90 0.99 0.00	24.36 0.90 0.00	21.22 0.85 0.00	24.64 1.13 0.00	24.32 1.21 0.00	26.37 1.30 0.00	26.80 1.46 0.00	31.08 1.60 0.00	30.70 1.59 0.00	30.07 1.62 0.00	29.81 1.68 0.00	31.15 2.14 0.00	31.67 2.35 0.00	32.24 2.37 0.00	40.36 3.11 0.00	34.16 2.47 0.00	32.58 2.24 0.00	29.44 1.93 0.00	34.19 1.93 0.00	44.92 1.96 0.00	38.70 1.75 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.75 1.29 -11.95	25.99 1.15 0.00	26.04 1.08 0.00	25.92 1.01 0.00	24.37 0.90 0.00	21.23 0.86 0.00	24.65 1.14 0.00	24.33 1.22 0.00	26.38 1.31 0.00	26.80 1.47 0.00	31.09 1.61 0.00	30.71 1.61 0.00	30.08 1.63 0.00	29.82 1.69 0.00	31.16 2.15 0.00	31.68 2.36 0.00	32.25 2.38 0.00	40.37 3.12 0.00	34.18 2.49 0.00	32.60 2.26 0.00	29.46 1.94 0.00	34.21 1.95 0.00	44.96 2.00 0.00	38.72 1.77 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.72 1.26 -11.95	25.96 1.12 0.00	26.01 1.06 0.00	25.89 0.98 0.00	24.34 0.88 0.00	21.21 0.84 0.00	24.62 1.12 0.00	24.31 1.20 0.00	26.35 1.28 0.00	26.78 1.45 0.00	31.07 1.59 0.00	30.68 1.58 0.00	30.05 1.60 0.00	29.79 1.66 0.00	31.14 2.12 0.00	31.65 2.33 0.00	32.23 2.35 0.00	40.33 3.08 0.00	34.14 2.45 0.00	32.56 2.22 0.00	29.42 1.91 0.00	34.16 1.90 0.00	44.91 1.95 0.00	38.67 1.72 0.00

FARRAGUT___LBMP 323566	35.70 1.24 -11.95	25.94 1.10 0.00	25.99 1.04 0.00	25.87 0.97 0.00	24.33 0.87 0.00	21.20 0.82 0.00	24.60 1.09 0.00	24.28 1.17 0.00	26.32 1.25 0.00	26.75 1.42 0.00	31.02 1.55 0.00	30.65 1.54 0.00	30.01 1.56 0.00	29.76 1.62 0.00	31.10 2.09 0.00	31.61 2.29 0.00	32.18 2.31 0.00	40.29 3.04 0.00	34.10 2.42 0.00	32.52 2.18 0.00	29.39 1.88 0.00	34.13 1.87 0.00	44.87 1.91 0.00	38.64 1.69 0.00
FENNER___WINDPWR 24204	22.87 0.36 0.00	25.15 0.31 0.00	25.22 0.27 0.00	25.20 0.30 0.00	23.76 0.30 0.00	20.62 0.25 0.00	23.86 0.36 0.00	23.54 0.43 0.00	25.65 0.58 0.00	25.98 0.65 -0.01	30.39 0.69 -0.21	29.83 0.69 -0.03	29.11 0.64 -0.01	28.77 0.64 0.00	29.79 0.78 0.00	30.10 0.78 0.00	30.72 0.85 0.00	38.57 1.03 -0.29	32.75 0.99 -0.08	31.30 0.90 -0.06	28.37 0.80 -0.06	33.75 0.76 -0.73	44.40 0.82 -0.62	37.94 0.67 -0.33
FIBERTEK___ENERGY 23856	22.46 -0.05 0.00	24.75 -0.09 0.00	24.81 -0.14 0.00	24.73 -0.18 0.00	23.24 -0.22 0.00	20.25 -0.12 0.00	23.45 -0.06 0.00	23.01 -0.10 0.00	24.99 -0.08 0.00	25.30 -0.05 -0.02	29.90 -0.11 -0.53	29.05 -0.12 -0.07	28.40 -0.08 -0.03	28.12 -0.01 0.00	29.21 0.20 0.00	29.52 0.20 0.00	30.12 0.25 0.00	38.41 0.49 -0.67	32.31 0.44 -0.18	30.88 0.39 -0.15	27.97 0.31 -0.15	34.14 0.17 -1.72	44.47 0.06 -1.45	37.71 0.00 -0.76
FITZPATRICK____ 23598	21.82 -0.69 0.00	24.05 -0.79 0.00	24.13 -0.81 0.00	24.09 -0.81 0.00	22.66 -0.80 0.00	19.70 -0.67 0.00	22.76 -0.75 0.00	22.35 -0.76 0.00	24.27 -0.80 0.00	24.44 -0.79 0.09	25.28 -0.95 3.25	27.76 -0.93 0.41	27.34 -0.91 0.20	27.28 -0.84 0.00	28.29 -0.72 0.00	28.57 -0.74 0.00	29.14 -0.74 0.00	32.78 -0.83 3.63	29.99 -0.69 1.00	28.86 -0.67 0.81	26.08 -0.63 0.81	22.06 -0.86 9.34	33.84 -1.24 7.88	31.72 -1.09 4.15
FLOWFLD_69_KV_BK1 356044	186.80 2.41 -161.88	50.08 2.28 -22.96	43.54 2.25 -16.34	26.90 2.00 0.00	25.08 1.62 0.00	21.83 1.46 0.00	25.55 2.05 0.00	25.21 2.10 0.00	27.30 2.22 0.00	28.43 2.24 -0.86	32.52 2.50 -0.54	31.42 2.32 0.00	31.04 2.59 0.00	31.61 2.72 -0.76	49.67 3.40 -17.26	255.81 3.61 -222.88	232.38 3.65 -198.86	199.44 4.72 -157.47	272.29 3.81 -236.79	107.00 3.56 -73.10	135.22 3.23 -104.47	76.13 3.42 -40.45	49.25 4.41 -1.88	40.64 3.69 -0.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.75 1.33 -1.91	26.07 1.23 0.00	26.15 1.20 0.00	26.05 1.15 0.00	24.51 1.05 0.00	21.32 0.94 0.00	24.75 1.24 0.00	24.41 1.30 0.00	26.49 1.42 0.00	26.89 1.56 0.00	31.22 1.75 0.00	30.85 1.75 0.00	30.20 1.75 0.00	29.92 1.79 0.00	31.17 2.16 0.00	31.68 2.36 0.00	32.28 2.40 0.00	40.42 3.17 0.00	34.30 2.62 0.00	32.76 2.43 0.00	29.63 2.12 0.00	34.38 2.12 0.00	45.28 2.32 0.00	38.98 2.03 0.00
FORT ORANGE____ 23900	25.05 0.64 -1.90	25.55 0.71 0.00	25.71 0.76 0.00	25.64 0.74 0.00	24.13 0.67 0.00	20.97 0.60 0.00	24.23 0.72 0.00	23.82 0.71 0.00	25.81 0.74 0.00	26.12 0.78 0.00	30.30 0.82 0.00	29.90 0.80 0.00	29.15 0.71 0.00	28.81 0.68 0.00	29.80 0.79 0.00	30.12 0.80 0.00	30.63 0.76 0.00	38.24 0.99 0.00	32.61 0.92 0.00	31.27 0.93 0.00	28.39 0.88 0.00	33.08 0.82 0.00	43.87 0.92 0.00	37.74 0.79 0.00
FORT_DRUM_COGEN 23780	22.21 -0.29 0.00	24.53 -0.31 0.00	24.72 -0.23 0.00	24.69 -0.22 0.00	23.36 -0.10 0.00	20.22 -0.15 0.00	23.47 -0.03 0.00	23.18 0.07 0.00	25.11 0.04 0.00	25.46 0.11 -0.01	30.16 0.22 -0.46	29.27 0.11 -0.06	28.41 -0.07 -0.03	27.91 -0.22 0.00	28.71 -0.30 0.00	28.85 -0.47 0.00	29.46 -0.41 0.00	37.36 -0.45 -0.56	31.65 -0.19 -0.15	30.25 -0.21 -0.12	27.83 0.20 -0.12	34.14 0.45 -1.43	44.91 0.74 -1.21	38.27 0.68 -0.64
FPL_FAR_ROCK_GT1 24212	186.34 1.95 -161.88	49.72 1.92 -22.96	43.09 1.80 -16.34	26.62 1.72 0.00	24.94 1.49 0.00	21.70 1.33 0.00	25.25 1.75 0.00	24.73 1.61 0.00	26.70 1.63 0.00	27.92 1.73 -0.86	31.96 1.94 -0.54	30.90 1.79 0.00	30.34 1.89 0.00	30.85 1.96 -0.76	48.73 2.46 -17.26	88.46 2.66 -56.48	164.38 2.68 -131.83	185.84 3.52 -145.07	271.37 2.90 -236.79	106.27 2.84 -73.10	134.33 2.35 -104.47	75.11 2.41 -40.45	47.54 2.70 -1.88	39.33 2.37 -0.01
FPL_FAR_ROCK_GT2 23815	186.34 1.95 -161.88	49.72 1.92 -22.96	43.09 1.80 -16.34	26.62 1.72 0.00	24.94 1.49 0.00	21.70 1.33 0.00	25.25 1.75 0.00	24.73 1.61 0.00	26.70 1.63 0.00	27.92 1.73 -0.86	31.96 1.94 -0.54	30.90 1.79 0.00	30.34 1.89 0.00	30.85 1.96 -0.76	48.73 2.46 -17.26	88.46 2.66 -56.48	164.38 2.68 -131.83	185.84 3.52 -145.07	271.37 2.90 -236.79	106.27 2.84 -73.10	134.33 2.35 -104.47	75.11 2.41 -40.45	47.54 2.70 -1.88	39.33 2.37 -0.01
FRANKLIN_FALL_HYD 24054	22.46 -0.05 0.00	24.95 0.11 0.00	25.31 0.36 0.00	25.41 0.50 0.00	24.10 0.64 0.00	20.87 0.50 0.00	24.18 0.67 0.00	23.77 0.66 0.00	25.80 0.73 0.00	25.94 0.61 0.00	30.15 0.67 0.00	29.75 0.65 0.00	29.06 0.61 0.00	28.67 0.54 0.00	29.31 0.30 0.00	29.51 0.19 0.00	30.03 0.16 0.00	36.97 -0.27 0.00	31.50 -0.18 0.00	30.20 -0.14 0.00	27.64 0.13 0.00	32.76 0.50 0.00	43.66 0.70 0.00	37.78 0.83 0.00
FREEPORT_EQUS_GT1 23764	186.24 1.85 -161.88	49.62 1.82 -22.96	43.00 1.70 -16.34	26.50 1.59 0.00	24.79 1.33 0.00	21.59 1.22 0.00	25.16 1.65 0.00	24.83 1.72 0.00	27.00 1.93 0.00	28.17 1.98 -0.86	32.15 2.13 -0.54	30.98 1.88 0.00	30.52 2.07 0.00	31.04 2.15 -0.76	48.84 2.58 -17.26	89.75 2.76 -57.67	164.98 2.80 -132.31	186.06 3.66 -145.16	271.49 3.01 -236.79	106.22 2.79 -73.10	134.45 2.47 -104.47	75.25 2.54 -40.45	47.86 3.01 -1.88	39.62 2.66 -0.01
FREEPORT___CT2 23818	186.24 1.85 -161.88	49.62 1.82 -22.96	43.00 1.70 -16.34	26.50 1.59 0.00	24.79 1.33 0.00	21.59 1.22 0.00	25.16 1.65 0.00	24.83 1.72 0.00	27.00 1.93 0.00	28.17 1.98 -0.86	32.15 2.13 -0.54	30.98 1.88 0.00	30.52 2.07 0.00	31.04 2.15 -0.76	48.84 2.58 -17.26	89.75 2.76 -57.67	164.98 2.80 -132.31	186.06 3.66 -145.16	271.49 3.01 -236.79	106.22 2.79 -73.10	134.45 2.47 -104.47	75.25 2.54 -40.45	47.86 3.01 -1.88	39.62 2.66 -0.01
FRESHKLS_33_KV_LOAD 356253	35.91 1.29 -12.11	25.99 1.15 0.00	26.05 1.10 0.00	25.91 1.00 0.00	24.37 0.91 0.00	21.24 0.87 0.00	24.63 1.12 0.00	24.30 1.19 0.00	26.33 1.26 0.00	26.74 1.40 0.00	30.88 1.40 0.00	30.52 1.42 0.00	29.92 1.47 0.00	29.67 1.54 0.00	30.98 1.97 0.00	31.48 2.16 0.00	32.06 2.18 0.00	40.18 2.93 0.00	34.06 2.38 0.00	32.47 2.14 0.00	29.41 1.90 0.00	34.07 1.81 0.00	39.94 1.71 4.73	38.44 1.49 0.00
FULTON COGEN____ 23766	22.07 -0.44 0.00	24.33 -0.51 0.00	24.39 -0.56 0.00	24.33 -0.57 0.00	22.90 -0.56 0.00	19.92 -0.45 0.00	23.02 -0.49 0.00	22.60 -0.51 0.00	24.57 -0.50 0.00	24.86 -0.50 -0.03	29.87 -0.60 -0.99	28.64 -0.59 -0.12	27.94 -0.57 -0.06	27.62 -0.51 0.00	28.66 -0.35 0.00	28.99 -0.33 0.00	29.57 -0.30 0.00	38.20 -0.24 -1.20	31.83 -0.19 -0.33	30.41 -0.20 -0.27	27.58 -0.20 -0.27	34.93 -0.40 -3.07	44.88 -0.67 -2.59	37.70 -0.61 -1.36



FULTON___LFGE 323630	26.34 2.33 -1.50	27.31 2.48 0.00	27.41 2.47 0.00	27.47 2.57 0.00	25.97 2.50 0.00	22.52 2.15 0.00	25.97 2.46 0.00	25.33 2.22 0.00	27.55 2.49 0.00	27.95 2.62 0.00	32.52 3.05 0.00	32.46 3.35 0.00	31.86 3.41 0.00	31.55 3.41 0.00	32.07 3.06 0.00	32.08 2.77 0.00	32.76 2.89 0.00	41.23 3.98 0.00	35.05 3.37 0.00	34.05 3.71 0.00	30.90 3.39 0.00	35.90 3.64 0.00	47.14 4.18 0.00	40.86 3.91 0.00
G.F.CEMENT___DRP 24184	25.92 1.53 -1.89	26.37 1.53 0.00	26.48 1.53 0.00	26.40 1.50 0.00	24.84 1.38 0.00	21.61 1.24 0.00	25.05 1.54 0.00	24.67 1.56 0.00	26.77 1.70 0.00	27.05 1.72 0.00	31.21 1.73 0.00	30.94 1.83 0.00	30.30 1.85 0.00	29.82 1.68 0.00	30.85 1.84 0.00	31.29 1.97 0.00	31.79 1.92 0.00	39.82 2.57 0.00	34.10 2.41 0.00	32.67 2.33 0.00	29.84 2.33 0.00	34.61 2.35 0.00	45.84 2.88 0.00	39.45 2.50 0.00
GARDENVILLE___LBMP 24039	23.13 0.63 0.00	25.50 0.66 0.00	25.44 0.49 0.00	25.30 0.39 0.00	23.62 0.16 0.00	20.59 0.22 0.00	23.93 0.43 0.00	23.34 0.23 0.00	25.45 0.38 0.00	25.57 0.24 0.00	29.57 0.09 0.00	29.23 0.12 0.00	28.52 0.07 0.00	28.39 0.25 0.00	29.86 0.85 0.00	29.91 0.59 0.00	30.39 0.52 0.00	37.94 0.69 0.00	32.39 0.70 0.00	31.03 0.69 0.00	28.10 0.59 0.00	32.46 0.20 0.00	43.42 0.46 0.00	37.48 0.53 0.00
GARDNVLA_35_KV_LD 355827	23.24 0.73 0.00	25.61 0.77 0.00	25.55 0.60 0.00	25.41 0.51 0.00	23.72 0.26 0.00	20.67 0.30 0.00	24.04 0.53 0.00	23.45 0.34 0.00	25.57 0.50 0.00	25.70 0.37 0.00	29.72 0.24 0.00	29.38 0.27 0.00	28.69 0.24 0.00	28.54 0.41 0.00	30.03 1.02 0.00	30.10 0.78 0.00	30.60 0.72 0.00	38.19 0.95 0.00	32.59 0.91 0.00	31.23 0.89 0.00	28.28 0.77 0.00	32.68 0.42 0.00	43.71 0.75 0.00	37.68 0.74 0.00
GELCKHM___115KV_LOAD 80723	22.26 -0.24 0.00	24.54 -0.30 0.00	24.60 -0.35 0.00	24.54 -0.36 0.00	23.06 -0.40 0.00	20.07 -0.30 0.00	23.22 -0.29 0.00	22.80 -0.31 0.00	24.77 -0.30 0.00	25.07 -0.28 -0.01	29.44 -0.36 -0.33	28.79 -0.36 -0.04	28.15 -0.32 -0.02	27.87 -0.26 0.00	28.95 -0.06 0.00	29.25 -0.06 0.00	29.85 -0.03 0.00	37.82 0.13 -0.44	31.93 0.13 -0.12	30.54 0.10 -0.10	27.66 0.05 -0.10	33.27 -0.12 -1.13	43.61 -0.30 -0.95	37.15 -0.30 -0.50
GENERAL___MILLS 23808	23.19 0.68 0.00	25.56 0.72 0.00	25.51 0.56 0.00	25.36 0.45 0.00	23.68 0.22 0.00	20.64 0.27 0.00	24.00 0.49 0.00	23.41 0.29 0.00	25.52 0.45 0.00	25.64 0.31 0.00	29.65 0.17 0.00	29.31 0.21 0.00	28.61 0.16 0.00	28.47 0.34 0.00	29.95 0.94 0.00	30.01 0.69 0.00	30.50 0.63 0.00	38.07 0.82 0.00	32.49 0.80 0.00	31.13 0.79 0.00	28.20 0.68 0.00	32.58 0.32 0.00	43.57 0.61 0.00	37.59 0.64 0.00
GE_PLASTICS___DRP 24183	24.90 0.52 -1.87	25.45 0.61 0.00	25.65 0.70 0.00	25.59 0.69 0.00	24.09 0.63 0.00	20.90 0.52 0.00	24.15 0.65 0.00	23.76 0.65 0.00	25.74 0.67 0.00	26.06 0.73 0.00	30.22 0.74 0.00	29.89 0.78 0.00	29.23 0.77 0.00	28.90 0.77 0.00	29.92 0.91 0.00	30.27 0.95 0.00	30.80 0.93 0.00	38.49 1.24 0.00	32.78 1.09 0.00	31.41 1.07 0.00	28.48 0.97 0.00	33.16 0.90 0.00	44.00 1.04 0.00	37.86 0.91 0.00
GILBOA___1 23756	24.25 0.68 -1.07	25.58 0.74 0.00	25.79 0.84 0.00	25.79 0.89 0.00	24.26 0.79 0.00	20.88 0.50 0.00	24.12 0.62 0.00	23.75 0.64 0.00	25.76 0.69 0.00	26.07 0.74 0.00	30.23 0.76 0.00	29.87 0.77 0.00	29.23 0.78 0.00	28.92 0.79 0.00	29.97 0.96 0.00	30.34 1.02 0.00	30.83 0.96 0.00	38.54 1.30 0.00	32.84 1.16 0.00	31.48 1.14 0.00	28.52 1.00 0.00	33.21 0.95 0.00	44.04 1.08 0.00	37.92 0.97 0.00
GILBOA___2 23757	24.25 0.68 -1.07	25.58 0.74 0.00	25.79 0.84 0.00	25.79 0.89 0.00	24.26 0.79 0.00	20.88 0.50 0.00	24.12 0.62 0.00	23.75 0.64 0.00	25.76 0.69 0.00	26.07 0.74 0.00	30.23 0.76 0.00	29.87 0.77 0.00	29.23 0.78 0.00	28.92 0.79 0.00	29.97 0.96 0.00	30.34 1.02 0.00	30.83 0.96 0.00	38.54 1.30 0.00	32.84 1.16 0.00	31.48 1.14 0.00	28.52 1.00 0.00	33.21 0.95 0.00	44.04 1.08 0.00	37.92 0.97 0.00
GILBOA___3 23758	24.25 0.68 -1.07	25.58 0.74 0.00	25.79 0.84 0.00	25.79 0.89 0.00	24.26 0.79 0.00	20.88 0.50 0.00	24.12 0.62 0.00	23.75 0.64 0.00	25.76 0.69 0.00	26.07 0.74 0.00	30.23 0.76 0.00	29.87 0.77 0.00	29.23 0.78 0.00	28.92 0.79 0.00	29.97 0.96 0.00	30.34 1.02 0.00	30.83 0.96 0.00	38.54 1.30 0.00	32.84 1.16 0.00	31.48 1.14 0.00	28.52 1.00 0.00	33.21 0.95 0.00	44.04 1.08 0.00	37.92 0.97 0.00
GILBOA___4 23759	24.25 0.68 -1.07	25.58 0.74 0.00	25.79 0.84 0.00	25.79 0.89 0.00	24.26 0.79 0.00	20.88 0.50 0.00	24.12 0.62 0.00	23.75 0.64 0.00	25.76 0.69 0.00	26.07 0.74 0.00	30.23 0.76 0.00	29.87 0.77 0.00	29.23 0.78 0.00	28.92 0.79 0.00	29.97 0.96 0.00	30.34 1.02 0.00	30.83 0.96 0.00	38.54 1.30 0.00	32.84 1.16 0.00	31.48 1.14 0.00	28.52 1.00 0.00	33.21 0.95 0.00	44.04 1.08 0.00	37.92 0.97 0.00
GILBOA___ 23599	24.25 0.67 -1.07	25.58 0.74 0.00	25.79 0.84 0.00	25.79 0.88 0.00	24.26 0.79 0.00	20.88 0.50 0.00	24.12 0.62 0.00	23.75 0.64 0.00	25.76 0.69 0.00	26.07 0.74 0.00	30.23 0.76 0.00	29.87 0.77 0.00	29.23 0.78 0.00	28.92 0.79 0.00	29.97 0.96 0.00	30.34 1.02 0.00	30.83 0.96 0.00	38.54 1.30 0.00	32.84 1.16 0.00	31.48 1.15 0.00	28.52 1.01 0.00	33.21 0.95 0.00	44.04 1.08 0.00	37.92 0.97 0.00
GINNA___ 23603	21.71 -0.80 0.00	23.89 -0.95 0.00	23.91 -1.03 0.00	23.80 -1.10 0.00	22.32 -1.14 0.00	19.45 -0.92 0.00	22.56 -0.95 0.00	22.11 -1.00 0.00	24.05 -1.02 0.00	24.28 -1.05 0.00	28.27 -1.21 0.00	28.00 -1.10 0.00	27.35 -1.10 0.00	27.17 -0.96 0.00	28.38 -0.64 0.00	28.59 -0.73 0.00	29.09 -0.78 0.00	36.45 -0.80 0.00	31.10 -0.59 0.00	29.71 -0.63 0.00	26.87 -0.64 0.00	31.17 -1.08 0.00	41.39 -1.57 0.00	35.54 -1.40 0.00
GLEN PARK___ 23778	22.28 -0.23 0.00	24.60 -0.24 0.00	24.77 -0.18 0.00	24.74 -0.16 0.00	23.41 -0.05 0.00	20.28 -0.09 0.00	23.53 0.03 0.00	23.24 0.13 0.00	25.17 0.10 0.00	25.54 0.20 -0.01	30.28 0.33 -0.48	29.36 0.19 -0.06	28.47 -0.01 -0.03	27.96 -0.17 0.00	28.76 -0.25 0.00	28.93 -0.39 0.00	29.54 -0.34 0.00	37.49 -0.35 -0.59	31.76 -0.09 -0.16	30.36 -0.11 -0.13	27.99 0.35 -0.13	34.37 0.62 -1.50	45.13 0.91 -1.27	38.40 0.79 -0.67
GLENDALE_27_KV_LOAD 356172	36.01 1.39 -12.11	26.09 1.25 0.00	26.13 1.17 0.00	25.99 1.09 0.00	24.44 0.98 0.00	21.30 0.93 0.00	24.75 1.24 0.00	24.43 1.32 0.00	26.49 1.42 0.00	26.91 1.58 0.00	31.22 1.74 0.00	30.85 1.74 0.00	30.21 1.76 0.00	29.95 1.82 0.00	31.32 2.31 0.00	31.83 2.52 0.00	32.40 2.52 0.00	40.55 3.30 0.00	34.35 2.67 0.00	32.75 2.41 0.00	29.60 2.09 0.00	34.38 2.12 0.00	45.14 2.18 0.00	38.88 1.93 0.00

GLENWOOD_IC_1_G5 23712	185.82 1.43 -161.88	49.12 1.32 -22.96	42.72 1.43 -16.34	26.24 1.33 0.00	24.61 1.15 0.00	21.42 1.05 0.00	24.92 1.41 0.00	24.59 1.48 0.00	26.54 1.48 0.00	27.79 1.60 -0.86	31.99 1.97 -0.54	31.02 1.91 0.00	30.42 1.97 0.00	30.74 1.85 -0.76	48.59 2.33 -17.26	89.45 2.52 -57.61	164.70 2.54 -132.28	185.72 3.32 -145.16	271.20 2.72 -236.79	105.91 2.47 -73.10	134.14 2.16 -104.47	74.88 2.18 -40.45	47.22 2.38 -1.88	39.02 2.06 -0.01
GLENWOOD_IC_2_G1 23688	185.80 1.41 -161.88	49.12 1.32 -22.96	42.56 1.26 -16.34	26.09 1.18 0.00	24.49 1.02 0.00	21.32 0.94 0.00	24.77 1.27 0.00	24.44 1.33 0.00	26.51 1.44 0.00	27.75 1.56 -0.86	31.78 1.76 -0.54	30.81 1.71 0.00	30.22 1.76 0.00	30.69 1.80 -0.76	48.52 2.25 -17.26	88.25 2.45 -56.48	164.17 2.47 -131.83	185.56 3.24 -145.07	271.11 2.64 -236.79	105.85 2.42 -73.10	134.09 2.11 -104.47	74.84 2.14 -40.45	47.18 2.34 -1.88	39.02 2.07 -0.01
GLENWOOD_IC_3_G1 23689	185.80 1.41 -161.88	49.12 1.32 -22.96	42.56 1.26 -16.34	26.09 1.18 0.00	24.49 1.02 0.00	21.32 0.94 0.00	24.77 1.27 0.00	24.44 1.33 0.00	26.51 1.44 0.00	27.75 1.56 -0.86	31.78 1.76 -0.54	30.81 1.71 0.00	30.22 1.76 0.00	30.69 1.80 -0.76	48.52 2.25 -17.26	88.25 2.45 -56.48	164.17 2.47 -131.83	185.56 3.24 -145.07	271.11 2.64 -236.79	105.85 2.42 -73.10	134.09 2.11 -104.47	74.84 2.14 -40.45	47.18 2.34 -1.88	39.02 2.07 -0.01
GLENWOOD___4 23550	185.88 1.49 -161.88	49.18 1.38 -22.96	42.72 1.43 -16.34	26.24 1.33 0.00	24.61 1.15 0.00	21.42 1.05 0.00	24.92 1.41 0.00	24.59 1.48 0.00	26.61 1.54 0.00	27.85 1.66 -0.86	32.00 1.98 -0.54	31.02 1.91 0.00	30.42 1.97 0.00	30.81 1.92 -0.76	48.67 2.41 -17.26	89.53 2.60 -57.61	164.77 2.62 -132.28	185.83 3.42 -145.16	271.28 2.80 -236.79	105.99 2.55 -73.10	134.21 2.23 -104.47	74.97 2.26 -40.45	47.33 2.49 -1.88	39.13 2.17 -0.01
GLENWOOD___5 23614	185.88 1.49 -161.88	49.18 1.38 -22.96	42.72 1.43 -16.34	26.24 1.33 0.00	24.61 1.15 0.00	21.42 1.05 0.00	24.92 1.41 0.00	24.59 1.48 0.00	26.61 1.54 0.00	27.85 1.66 -0.86	32.00 1.98 -0.54	31.02 1.91 0.00	30.42 1.97 0.00	30.81 1.92 -0.76	48.67 2.41 -17.26	89.53 2.60 -57.61	164.77 2.62 -132.28	185.83 3.42 -145.16	271.28 2.80 -236.79	105.99 2.55 -73.10	134.21 2.23 -104.47	74.97 2.26 -40.45	47.33 2.49 -1.88	39.13 2.17 -0.01
GLOBAL GREEN_PORT_GT1 23814	187.76 3.37 -161.88	51.34 3.54 -22.96	44.60 3.31 -16.34	27.93 3.02 0.00	26.03 2.56 0.00	22.72 2.35 0.00	26.66 3.15 0.00	26.25 3.15 0.00	28.56 3.49 0.00	29.78 3.60 -0.86	34.08 4.06 -0.54	32.90 3.79 0.00	32.42 3.97 0.00	33.04 4.15 -0.76	51.15 4.88 -17.26	215.71 4.83 -181.56	216.47 4.39 -182.21	198.29 6.65 -154.39	273.95 5.48 -236.79	108.42 4.98 -73.10	136.48 4.50 -104.47	77.67 4.96 -40.45	51.50 6.66 -1.88	42.49 5.53 -0.01
GLOBE___DSASP 323697	22.71 0.20 0.00	25.16 0.32 0.00	25.12 0.17 0.00	24.97 0.07 0.00	23.30 -0.16 0.00	20.28 -0.09 0.00	23.50 0.00 0.00	22.71 -0.40 0.00	24.72 -0.34 0.00	24.82 -0.51 0.00	28.59 -0.89 0.00	28.22 -0.88 0.00	27.57 -0.88 0.00	27.46 -0.67 0.00	28.90 -0.11 0.00	28.96 -0.36 0.00	29.36 -0.51 0.00	36.68 -0.56 0.00	31.38 -0.31 0.00	30.08 -0.26 0.00	27.29 -0.23 0.00	31.48 -0.77 0.00	42.20 -0.76 0.00	36.78 -0.17 0.00
GOETHSLN___LBMP 323567	35.58 1.12 -11.95	25.81 0.97 0.00	25.86 0.91 0.00	25.74 0.84 0.00	24.22 0.76 0.00	21.11 0.73 0.00	24.46 0.96 0.00	24.13 1.02 0.00	26.15 1.08 0.00	26.59 1.26 0.00	30.84 1.36 0.00	30.45 1.35 0.00	29.84 1.39 0.00	29.58 1.45 0.00	30.91 1.90 0.00	31.43 2.11 0.00	32.00 2.13 0.00	40.03 2.79 0.00	33.89 2.20 0.00	32.33 1.99 0.00	29.20 1.69 0.00	33.89 1.64 0.00	39.81 1.58 4.73	38.39 1.44 0.00
GOLAH___69_KV_TB 1_2 80279	23.06 0.56 0.00	25.52 0.68 0.00	25.50 0.55 0.00	25.35 0.45 0.00	23.71 0.25 0.00	20.68 0.30 0.00	24.00 0.49 0.00	23.42 0.30 0.00	25.49 0.42 0.00	25.65 0.32 0.00	29.83 0.35 0.00	29.55 0.44 0.00	28.86 0.41 0.00	28.68 0.55 0.00	30.03 1.02 0.00	30.26 0.94 0.00	30.75 0.88 0.00	38.31 1.06 0.00	32.75 1.06 0.00	31.35 1.02 0.00	28.37 0.86 0.00	32.87 0.61 0.00	43.76 0.80 0.00	37.71 0.76 0.00
GOODYEAR_LAKE_HYD 323669	23.46 0.95 0.00	25.81 0.97 0.00	25.89 0.94 0.00	25.82 0.91 0.00	24.31 0.86 0.00	21.10 0.73 0.00	24.48 0.97 0.00	24.10 0.99 0.00	26.18 1.11 0.00	26.50 1.16 0.00	30.78 1.30 0.00	30.44 1.34 0.00	29.73 1.28 0.00	29.43 1.30 0.00	30.52 1.51 0.00	30.85 1.53 0.00	31.43 1.55 0.00	39.42 2.06 -0.11	33.45 1.74 -0.03	32.00 1.64 -0.03	28.99 1.45 -0.03	34.07 1.52 -0.29	44.97 1.77 -0.24	38.61 1.53 -0.13
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.81 0.30 0.00	25.12 0.28 0.00	25.12 0.18 0.00	25.09 0.19 0.00	23.57 0.11 0.00	20.50 0.13 0.00	23.79 0.28 0.00	23.38 0.27 0.00	25.44 0.36 0.00	25.74 0.40 -0.01	29.97 0.30 -0.19	29.42 0.30 -0.02	28.72 0.26 -0.01	28.43 0.30 0.00	29.64 0.63 0.00	29.92 0.60 0.00	30.52 0.64 0.00	38.44 0.93 -0.26	32.54 0.78 -0.07	31.11 0.72 -0.06	28.18 0.61 -0.06	33.35 0.43 -0.66	43.99 0.48 -0.56	37.68 0.43 -0.30
GOUDEY___7 23579	22.82 0.32 0.00	25.14 0.30 0.00	25.15 0.20 0.00	25.12 0.22 0.00	23.59 0.13 0.00	20.52 0.15 0.00	23.80 0.30 0.00	23.40 0.29 0.00	25.46 0.39 0.00	25.76 0.42 -0.01	30.00 0.33 -0.19	29.45 0.33 -0.02	28.75 0.29 -0.01	28.47 0.34 0.00	29.67 0.66 0.00	29.96 0.64 0.00	30.55 0.68 0.00	38.49 0.99 -0.26	32.58 0.82 -0.07	31.15 0.75 -0.06	28.21 0.64 -0.06	33.39 0.47 -0.66	44.04 0.52 -0.56	37.72 0.47 -0.30
GOUDEY___8 23580	22.81 0.30 0.00	25.12 0.28 0.00	25.12 0.18 0.00	25.09 0.19 0.00	23.57 0.11 0.00	20.50 0.13 0.00	23.79 0.28 0.00	23.38 0.27 0.00	25.44 0.36 0.00	25.74 0.40 -0.01	29.97 0.30 -0.19	29.42 0.30 -0.02	28.72 0.26 -0.01	28.43 0.30 0.00	29.64 0.63 0.00	29.92 0.60 0.00	30.52 0.64 0.00	38.44 0.93 -0.26	32.54 0.78 -0.07	31.11 0.72 -0.06	28.18 0.61 -0.06	33.35 0.43 -0.66	43.99 0.48 -0.56	37.68 0.43 -0.30
GOWANUS_GT1_1 24077	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT1_2 24078	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00

GOWANUS_GT1_3 24079	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT1_4 24080	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT1_5 24084	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT1_6 24111	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT1_7 24112	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT1_8 24113	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT2_1 24114	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
GOWANUS_GT2_2 24115	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00															

GOWANUS_GT3_2 24123	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
GOWANUS_GT3_3 24124	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
GOWANUS_GT3_4 24125	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
GOWANUS_GT3_5 24126	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
GOWANUS_GT3_6 24127	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
GOWANUS_GT3_7 24128	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
GOWANUS_GT3_8 24129	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
GOWANUS_GT4_1 24130	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT4_2 24131	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT4_3 24132	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT4_4 24133	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT4_5 24134	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT4_6 24135	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT4_7 24136	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GOWANUS_GT4_8 24137	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00

GREENBSH_115KV_TB3 55895	25.00 0.54 -1.96	25.38 0.54 0.00	25.57 0.62 0.00	25.49 0.59 0.00	24.00 0.53 0.00	20.85 0.48 0.00	24.08 0.58 0.00	23.69 0.58 0.00	25.67 0.60 0.00	25.98 0.65 0.00	30.14 0.66 0.00	29.80 0.69 0.00	29.14 0.69 0.00	28.81 0.68 0.00	29.81 0.80 0.00	30.16 0.84 0.00	30.70 0.82 0.00	38.34 1.09 0.00	32.66 0.97 0.00	31.30 0.96 0.00	28.40 0.89 0.00	33.05 0.79 0.00	43.83 0.87 0.00	37.72 0.77 0.00
GREENDGE_115KV_TB5 80291	22.91 0.41 0.00	25.22 0.39 0.00	25.18 0.23 0.00	25.11 0.21 0.00	23.56 0.10 0.00	20.56 0.19 0.00	23.91 0.41 0.00	23.51 0.40 0.00	25.66 0.59 0.00	25.89 0.55 0.00	29.99 0.38 -0.13	29.52 0.39 -0.02	28.90 0.44 -0.01	28.62 0.49 0.00	29.95 0.94 0.00	30.12 0.80 0.00	30.75 0.87 0.00	38.49 1.03 -0.21	32.67 0.93 -0.06	31.24 0.85 -0.05	28.43 0.87 -0.05	33.24 0.44 -0.55	43.87 0.44 -0.46	37.52 0.33 -0.24
GREENIDGE___3 23582	22.91 0.41 0.00	25.22 0.39 0.00	25.18 0.23 0.00	25.11 0.21 0.00	23.56 0.10 0.00	20.56 0.19 0.00	23.91 0.41 0.00	23.51 0.40 0.00	25.66 0.59 0.00	25.89 0.55 0.00	29.99 0.38 -0.13	29.52 0.39 -0.02	28.90 0.44 -0.01	28.62 0.49 0.00	29.95 0.94 0.00	30.12 0.80 0.00	30.75 0.87 0.00	38.49 1.03 -0.21	32.67 0.93 -0.06	31.24 0.85 -0.05	28.43 0.87 -0.05	33.24 0.44 -0.55	43.87 0.44 -0.46	37.52 0.33 -0.24
GREENIDGE___4 23583	22.93 0.42 0.00	25.18 0.34 0.00	25.19 0.24 0.00	25.11 0.21 0.00	23.56 0.10 0.00	20.56 0.18 0.00	23.90 0.40 0.00	23.52 0.41 0.00	25.65 0.58 0.00	25.89 0.55 0.00	29.99 0.38 -0.13	29.52 0.40 -0.02	28.90 0.44 -0.01	28.62 0.49 0.00	29.96 0.94 0.00	30.11 0.80 0.00	30.75 0.87 0.00	38.50 1.03 -0.21	32.67 0.93 -0.06	31.24 0.85 -0.05	28.44 0.88 -0.05	33.24 0.44 -0.55	43.86 0.44 -0.46	37.50 0.31 -0.24
GREENLWN_69_KV_BK 3 55738	186.27 1.88 -161.88	49.57 1.77 -22.96	43.02 1.72 -16.34	26.47 1.57 0.00	24.72 1.26 0.00	21.49 1.12 0.00	25.07 1.57 0.00	24.74 1.63 0.00	26.91 1.83 0.00	28.09 1.90 -0.86	32.15 2.13 -0.54	31.08 1.97 0.00	30.55 2.10 0.00	31.09 2.20 -0.76	49.05 2.78 -17.26	70.65 3.03 -38.31	157.42 3.04 -124.51	184.88 3.91 -143.72	271.68 3.20 -236.79	106.39 2.95 -73.10	134.62 2.64 -104.47	75.44 2.73 -40.45	48.14 3.30 -1.88	39.82 2.86 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00
GRISSOM___SOLAR 323813	26.34 2.33 -1.50	27.31 2.48 0.00	27.41 2.47 0.00	27.47 2.57 0.00	25.97 2.50 0.00	22.52 2.15 0.00	25.97 2.46 0.00	25.33 2.22 0.00	27.55 2.49 0.00	27.95 2.62 0.00	32.52 3.05 0.00	32.46 3.35 0.00	31.86 3.41 0.00	31.55 3.41 0.00	32.07 3.06 0.00	32.08 2.77 0.00	32.76 2.89 0.00	41.23 3.98 0.00	35.05 3.37 0.00	34.05 3.71 0.00	30.90 3.39 0.00	35.90 3.64 0.00	47.14 4.18 0.00	40.86 3.91 0.00
GROVEVILLE___HYD 323602	25.75 1.33 -1.91	26.07 1.23 0.00	26.15 1.20 0.00	26.05 1.15 0.00	24.51 1.05 0.00	21.32 0.94 0.00	24.75 1.24 0.00	24.41 1.30 0.00	26.49 1.42 0.00	26.89 1.56 0.00	31.22 1.75 0.00	30.85 1.75 0.00	30.20 1.75 0.00	29.92 1.79 0.00	31.17 2.16 0.00	31.68 2.36 0.00	32.28 2.40 0.00	40.42 3.17 0.00	34.30 2.62 0.00	32.76 2.43 0.00	29.63 2.12 0.00	34.38 2.12 0.00	45.28 2.32 0.00	38.98 2.03 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.46 -0.05 0.00	24.75 -0.09 0.00	24.81 -0.14 0.00	24.73 -0.18 0.00	23.24 -0.22 0.00	20.25 -0.12 0.00	23.45 -0.06 0.00	23.01 -0.10 0.00	24.99 -0.08 0.00	25.30 -0.05 -0.02	29.90 -0.11 -0.53	29.05 -0.12 -0.07	28.40 -0.08 -0.03	28.12 -0.01 0.00	29.21 0.20 0.00	29.52 0.20 0.00	30.12 0.25 0.00	38.41 0.49 -0.67	32.31 0.44 -0.18	30.88 0.39 -0.15	27.97 0.31 -0.15	34.14 0.17 -1.72	44.47 0.06 -1.45	37.71 0.00 -0.76
HAMLTNNY_34_KV_TB 80303	22.52 0.01 0.00	24.81 -0.03 0.00	24.85 -0.10 0.00	24.76 -0.15 0.00	23.29 -0.17 0.00	20.28 -0.10 0.00	23.50 -0.01 0.00	23.07 -0.04 0.00	25.05 -0.02 0.00	25.39 0.04 -0.02	30.00 -0.03 -0.55	29.14 -0.03 -0.07	28.48 -0.01 -0.03	28.22 0.08 0.00	29.34 0.32 0.00	29.60 0.28 0.00	30.19 0.31 0.00	38.54 0.60 -0.69	32.40 0.53 -0.19	30.99 0.50 -0.15	28.04 0.37 -0.15	34.27 0.24 -1.77	44.58 0.12 -1.49	37.80 0.07 -0.79
HAMPSHIRE___PAPER_HYD 323593	22.24 -0.26 0.00	24.60 -0.24 0.00	24.77 -0.18 0.00	24.75 -0.16 0.00	23.41 -0.05 0.00	20.32 -0.05 0.00	23.53 0.02 0.00	23.16 0.05 0.00	25.05 -0.02 0.00	25.26 -0.08 -0.01	29.70 0.01 -0.20	29.07 -0.06 -0.03	28.30 -0.16 -0.01	27.80 -0.33 0.00	28.38 -0.64 0.00	28.42 -0.90 0.00	28.97 -0.91 0.00	36.02 -1.49 -0.25	30.50 -1.26 -0.07	29.28 -1.12 -0.05	26.78 -0.79 -0.06	32.58 -0.32 -0.64	43.70 0.20 -0.54	37.53 0.29 -0.29
HARDSCRABBLE_WT_PWR 323673	22.41 -0.10 0.00	24.60 -0.24 0.00	24.63 -0.32 0.00	24.65 -0.26 0.00	23.28 -0.17 0.00	20.11 -0.26 0.00	23.34 -0.16 0.00	22.97 -0.13 0.00	25.03 -0.04 0.00	25.48 0.15 0.00	29.65 0.17 0.00	29.26 0.16 0.00	28.70 0.25 0.00	28.37 0.24 0.00	29.32 0.31 0.00	29.69 0.37 0.00	30.13 0.25 0.00	37.52 0.27 0.00	31.90 0.21 0.00	30.76 0.42 0.00	27.92 0.41 0.00	32.49 0.23 0.00	42.96 0.00 0.00	36.83 -0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.13 1.05 6.43	25.77 0.93 0.00	25.83 0.88 0.00	25.75 0.85 0.00	24.24 0.78 0.00	21.09 0.71 0.00	24.42 0.91 0.00	24.09 0.98 0.00	26.18 1.11 0.00	26.61 1.28 0.00	30.93 1.45 0.00	30.58 1.47 0.00	29.93 1.48 0.00	29.63 1.49 0.00	30.93 1.92 0.00	31.44 2.12 0.00	32.01 2.14 0.00	40.00 2.75 0.00	33.95 2.27 0.00	32.42 2.08 0.00	29.31 1.79 0.00	34.01 1.75 0.00	44.74 1.79 0.00	38.56 1.61 0.00
HARSNRAD_115KV_TB1 81005	22.98 0.48 0.00	25.38 0.54 0.00	25.33 0.38 0.00	25.17 0.27 0.00	23.50 0.04 0.00	20.47 0.10 0.00	23.74 0.23 0.00	23.09 -0.02 0.00	25.18 0.11 0.00	25.27 -0.07 0.00	29.24 -0.24 0.00	28.91 -0.20 0.00	28.23 -0.22 0.00	28.12 -0.01 0.00	29.58 0.56 0.00	29.65 0.33 0.00	30.07 0.20 0.00	37.54 0.29 0.00	32.11 0.43 0.00	30.78 0.44 0.00	27.91 0.40 0.00	32.21 -0.05 0.00	43.11 0.15 0.00	37.24 0.29 0.00
HARZA MOOSE___RIVER 24016	22.78 0.27 0.00	25.15 0.31 0.00	25.24 0.29 0.00	25.22 0.31 0.00	23.80 0.33 0.00	20.66 0.29 0.00	23.92 0.41 0.00	23.56 0.45 0.00	25.61 0.54 0.00	25.92 0.58 0.00	30.36 0.72 -0.16	29.81 0.68 -0.02	29.04 0.58 -0.01	28.64 0.52 0.00	29.50 0.49 0.00	29.75 0.43 0.00	30.37 0.49 0.00	37.97 0.51 -0.20	32.25 0.51 -0.05	30.90 0.53 -0.04	28.13 0.57 -0.04	33.47 0.73 -0.49	44.33 0.96 -0.41	37.99 0.83 -0.22

HDSNBRDG_115KV_BRDG_TB1 355580	22.29 -0.22 0.00	24.56 -0.28 0.00	24.61 -0.34 0.00	24.57 -0.34 0.00	23.09 -0.37 0.00	20.08 -0.29 0.00	23.20 -0.30 0.00	22.78 -0.33 0.00	24.78 -0.29 0.00	25.07 -0.27 -0.01	29.37 -0.36 -0.25	28.79 -0.35 -0.03	28.15 -0.31 -0.02	27.88 -0.25 0.00	28.96 -0.05 0.00	29.30 -0.02 0.00	29.92 0.05 0.00	37.79 0.19 -0.36	31.97 0.19 -0.10	30.56 0.14 -0.08	27.68 0.09 -0.08	33.09 -0.09 -0.92	43.48 -0.25 -0.78	37.09 -0.26 -0.41
HELLGATE_13_KV_LD 55870	35.87 1.25 -12.11	25.96 1.12 0.00	26.00 1.05 0.00	25.87 0.96 0.00	24.33 0.87 0.00	21.20 0.83 0.00	24.61 1.10 0.00	24.28 1.18 0.00	26.32 1.25 0.00	26.74 1.40 0.00	31.02 1.54 0.00	30.65 1.55 0.00	30.03 1.57 0.00	29.76 1.63 0.00	31.12 2.11 0.00	31.62 2.30 0.00	32.17 2.30 0.00	40.26 3.01 0.00	34.12 2.44 0.00	32.54 2.20 0.00	29.41 1.90 0.00	34.17 1.91 0.00	44.87 1.91 0.00	38.65 1.70 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.87 1.25 -12.11	25.96 1.12 0.00	26.00 1.05 0.00	25.87 0.96 0.00	24.33 0.87 0.00	21.20 0.83 0.00	24.61 1.10 0.00	24.28 1.18 0.00	26.32 1.25 0.00	26.74 1.40 0.00	31.02 1.54 0.00	30.65 1.55 0.00	30.03 1.57 0.00	29.76 1.63 0.00	31.12 2.11 0.00	31.62 2.30 0.00	32.17 2.30 0.00	40.26 3.01 0.00	34.12 2.44 0.00	32.54 2.20 0.00	29.41 1.90 0.00	34.17 1.91 0.00	44.87 1.91 0.00	38.65 1.70 0.00
HEMPSTEAD____ 23647	186.02 1.63 -161.88	49.38 1.58 -22.96	42.80 1.50 -16.34	26.30 1.40 0.00	24.63 1.17 0.00	21.45 1.07 0.00	24.98 1.47 0.00	24.66 1.54 0.00	26.76 1.69 0.00	27.95 1.77 -0.86	32.02 2.00 -0.54	30.97 1.86 0.00	30.41 1.96 0.00	30.88 1.99 -0.76	48.75 2.48 -17.26	89.60 2.67 -57.61	164.85 2.69 -132.28	185.88 3.48 -145.16	271.34 2.87 -236.79	106.05 2.61 -73.10	134.29 2.30 -104.47	75.06 2.36 -40.45	47.56 2.72 -1.88	39.33 2.37 -0.01
HEWLETT__69_KV_BK3 55828	186.24 1.85 -161.88	49.57 1.77 -22.96	42.98 1.68 -16.34	26.51 1.61 0.00	24.83 1.37 0.00	21.61 1.23 0.00	25.15 1.64 0.00	24.71 1.60 0.00	26.76 1.69 0.00	27.98 1.79 -0.86	32.03 2.01 -0.54	30.97 1.86 0.00	30.40 1.95 0.00	30.92 2.03 -0.76	48.80 2.53 -17.26	88.52 2.72 -56.48	164.44 2.74 -131.83	185.90 3.58 -145.07	271.43 2.95 -236.79	106.24 2.80 -73.10	134.37 2.39 -104.47	75.16 2.46 -40.45	47.63 2.79 -1.88	39.40 2.44 -0.01
HICKLING___1 23621	23.07 0.56 0.00	25.34 0.50 0.00	25.28 0.33 0.00	25.22 0.31 0.00	23.62 0.16 0.00	20.61 0.24 0.00	24.06 0.55 0.00	23.67 0.56 0.00	25.79 0.72 0.00	26.01 0.68 0.00	30.13 0.52 -0.14	29.65 0.53 -0.02	28.96 0.50 -0.01	28.66 0.54 0.00	30.07 1.06 0.00	30.29 0.97 0.00	30.94 1.07 0.00	38.96 1.50 -0.21	33.03 1.28 -0.06	31.49 1.11 -0.05	28.52 0.97 -0.05	33.50 0.70 -0.54	44.33 0.92 -0.45	37.94 0.75 -0.24
HICKLING___2 23622	23.07 0.56 0.00	25.34 0.50 0.00	25.28 0.33 0.00	25.22 0.31 0.00	23.62 0.16 0.00	20.61 0.24 0.00	24.06 0.55 0.00	23.67 0.56 0.00	25.79 0.72 0.00	26.01 0.68 0.00	30.13 0.52 -0.14	29.65 0.53 -0.02	28.96 0.50 -0.01	28.66 0.54 0.00	30.07 1.06 0.00	30.29 0.97 0.00	30.94 1.07 0.00	38.96 1.50 -0.21	33.03 1.28 -0.06	31.49 1.11 -0.05	28.52 0.97 -0.05	33.50 0.70 -0.54	44.33 0.92 -0.45	37.94 0.75 -0.24
HIGH FALLS___HY 23754	23.63 1.12 0.00	25.83 0.99 0.00	25.87 0.92 0.00	25.80 0.90 0.00	24.28 0.82 0.00	21.08 0.71 0.00	24.45 0.95 0.00	24.12 1.01 0.00	26.26 1.19 0.00	26.74 1.41 0.00	31.08 1.60 0.00	30.69 1.58 0.00	30.00 1.55 0.00	29.72 1.59 0.00	30.96 1.95 0.00	31.51 2.19 0.00	32.20 2.33 0.00	40.15 2.90 0.00	34.04 2.36 0.00	32.53 2.19 0.00	29.39 1.87 0.00	34.14 1.88 0.00	44.93 1.97 0.00	38.70 1.75 0.00
HILLBURN___GT 23639	16.49 0.95 6.97	25.65 0.81 0.00	25.71 0.76 0.00	25.65 0.75 0.00	24.15 0.69 0.00	20.99 0.62 0.00	24.30 0.79 0.00	23.99 0.88 0.00	26.06 0.99 0.00	26.50 1.17 0.00	30.80 1.32 0.00	30.43 1.33 0.00	29.81 1.36 0.00	29.53 1.41 0.00	30.85 1.84 0.00	31.35 2.03 0.00	31.92 2.04 0.00	39.84 2.60 0.00	33.78 2.09 0.00	32.25 1.91 0.00	29.15 1.64 0.00	33.83 1.58 0.00	44.51 1.55 0.00	38.37 1.42 0.00
HILLSIDE_115KV_TB1 80332	22.59 0.08 0.00	24.87 0.03 0.00	24.79 -0.16 0.00	24.77 -0.14 0.00	23.22 -0.24 0.00	20.25 -0.13 0.00	23.59 0.09 0.00	23.19 0.08 0.00	25.27 0.20 0.00	25.53 0.19 0.00	29.59 -0.03 -0.14	29.10 -0.03 -0.02	28.40 -0.06 -0.01	28.10 -0.03 0.00	29.45 0.44 0.00	29.65 0.33 0.00	30.26 0.38 0.00	38.07 0.61 -0.22	32.24 0.49 -0.06	30.80 0.42 -0.05	27.87 0.31 -0.05	32.80 -0.02 -0.55	43.37 -0.06 -0.47	37.20 0.01 -0.25
HISHELDN_WT_PWR 323625	22.96 0.45 0.00	25.22 0.38 0.00	25.23 0.28 0.00	25.08 0.17 0.00	23.41 -0.05 0.00	20.45 0.08 0.00	23.79 0.28 0.00	23.26 0.15 0.00	25.34 0.27 0.00	25.45 0.12 0.00	29.37 -0.11 0.00	28.98 -0.12 0.00	28.31 -0.14 0.00	28.17 0.04 0.00	29.61 0.60 0.00	29.65 0.33 0.00	30.17 0.30 0.00	37.69 0.44 0.00	32.13 0.45 0.00	30.75 0.41 0.00	27.91 0.40 0.00	32.30 0.04 0.00	43.20 0.25 0.00	37.15 0.19 0.00
HOLTSVILLE_IC_1 23690	186.53 2.14 -161.88	49.98 2.18 -22.96	43.33 2.04 -16.34	26.73 1.83 0.00	24.93 1.47 0.00	21.71 1.34 0.00	25.38 1.88 0.00	25.00 1.89 0.00	27.18 2.11 0.00	28.32 2.13 -0.86	32.39 2.37 -0.54	31.28 2.17 0.00	30.79 2.34 0.00	31.34 2.44 -0.76	49.34 3.07 -17.26	211.87 3.29 -179.26	214.45 3.29 -181.29	195.69 4.22 -154.22	271.93 3.45 -236.79	106.66 3.22 -73.10	134.92 2.94 -104.47	75.84 3.13 -40.45	48.81 3.97 -1.88	40.37 3.41 -0.01
HOLTSVILLE_IC_10 23699	186.75 2.36 -161.88	50.21 2.40 -22.96	43.53 2.23 -16.34	26.90 2.00 0.00	25.08 1.62 0.00	21.86 1.49 0.00	25.58 2.07 0.00	25.21 2.10 0.00	27.37 2.31 0.00	28.50 2.31 -0.86	32.60 2.58 -0.54	31.48 2.37 0.00	31.02 2.57 0.00	31.58 2.69 -0.76	49.62 3.36 -17.26	220.41 3.59 -187.50	218.09 3.61 -184.61	196.74 4.67 -154.83	272.29 3.81 -236.79	106.98 3.54 -73.10	135.22 3.24 -104.47	76.18 3.47 -40.45	49.28 4.44 -1.88	40.73 3.77 -0.01
HOLTSVILLE_IC_2 23691	186.53 2.14 -161.88	49.98 2.18 -22.96	43.33 2.04 -16.34	26.73 1.83 0.00	24.93 1.47 0.00	21.71 1.34 0.00	25.38 1.88 0.00	25.00 1.89 0.00	27.18 2.11 0.00	28.32 2.13 -0.86	32.39 2.37 -0.54	31.28 2.17 0.00	30.79 2.34 0.00	31.34 2.44 -0.76	49.34 3.07 -17.26	211.87 3.29 -179.26	214.45 3.29 -181.29	195.69 4.22 -154.22	271.93 3.45 -236.79	106.66 3.22 -73.10	134.92 2.94 -104.47	75.84 3.13 -40.45	48.81 3.97 -1.88	40.37 3.41 -0.01
HOLTSVILLE_IC_3 23692	186.53 2.14 -161.88	49.98 2.18 -22.96	43.33 2.04 -16.34	26.73 1.83 0.00	24.93 1.47 0.00	21.71 1.34 0.00	25.38 1.88 0.00	25.00 1.89 0.00	27.18 2.11 0.00	28.32 2.13 -0.86	32.39 2.37 -0.54	31.28 2.17 0.00	30.79 2.34 0.00	31.34 2.44 -0.76	49.34 3.07 -17.26	211.87 3.29 -179.26	214.45 3.29 -181.29	195.69 4.22 -154.22	271.93 3.45 -236.79	106.66 3.22 -73.10	134.92 2.94 -104.47	75.84 3.13 -40.45	48.81 3.97 -1.88	40.37 3.41 -0.01

HOLTSVILLE_IC_4 23693	186.53 2.14 -161.88	49.98 2.18 -22.96	43.33 2.04 -16.34	26.73 1.83 0.00	24.93 1.47 0.00	21.71 1.34 0.00	25.38 1.88 0.00	25.00 1.89 0.00	27.18 2.11 0.00	28.32 2.13 -0.86	32.39 2.37 -0.54	31.28 2.17 0.00	30.79 2.34 0.00	31.34 2.44 -0.76	49.34 3.07 -17.26	211.87 3.29 -179.26	214.45 3.29 -181.29	195.69 4.22 -154.22	271.93 3.45 -236.79	106.66 3.22 -73.10	134.92 2.94 -104.47	75.84 3.13 -40.45	48.81 3.97 -1.88	40.37 3.41 -0.01
HOLTSVILLE_IC_5 23694	186.53 2.14 -161.88	49.98 2.18 -22.96	43.33 2.04 -16.34	26.73 1.83 0.00	24.93 1.47 0.00	21.71 1.34 0.00	25.38 1.88 0.00	25.00 1.89 0.00	27.18 2.11 0.00	28.32 2.13 -0.86	32.39 2.37 -0.54	31.28 2.17 0.00	30.79 2.34 0.00	31.34 2.44 -0.76	49.34 3.07 -17.26	211.87 3.29 -179.26	214.45 3.29 -181.29	195.69 4.22 -154.22	271.93 3.45 -236.79	106.66 3.22 -73.10	134.92 2.94 -104.47	75.84 3.13 -40.45	48.81 3.97 -1.88	40.37 3.41 -0.01
HOLTSVILLE_IC_6 23695	186.75 2.36 -161.88	50.21 2.40 -22.96	43.53 2.23 -16.34	26.90 2.00 0.00	25.08 1.62 0.00	21.86 1.49 0.00	25.58 2.07 0.00	25.21 2.10 0.00	27.37 2.31 0.00	28.50 2.31 -0.86	32.60 2.58 -0.54	31.48 2.37 0.00	31.02 2.57 0.00	31.58 2.69 -0.76	49.62 3.36 -17.26	220.41 3.59 -187.50	218.09 3.61 -184.61	196.74 4.67 -154.83	272.29 3.81 -236.79	106.98 3.54 -73.10	135.22 3.24 -104.47	76.18 3.47 -40.45	49.28 4.44 -1.88	40.73 3.77 -0.01
HOLTSVILLE_IC_7 23696	186.75 2.36 -161.88	50.21 2.40 -22.96	43.53 2.23 -16.34	26.90 2.00 0.00	25.08 1.62 0.00	21.86 1.49 0.00	25.58 2.07 0.00	25.21 2.10 0.00	27.37 2.31 0.00	28.50 2.31 -0.86	32.60 2.58 -0.54	31.48 2.37 0.00	31.02 2.57 0.00	31.58 2.69 -0.76	49.62 3.36 -17.26	220.41 3.59 -187.50	218.09 3.61 -184.61	196.74 4.67 -154.83	272.29 3.81 -236.79	106.98 3.54 -73.10	135.22 3.24 -104.47	76.18 3.47 -40.45	49.28 4.44 -1.88	40.73 3.77 -0.01
HOLTSVILLE_IC_8 23697	186.75 2.36 -161.88	50.21 2.40 -22.96	43.53 2.23 -16.34	26.90 2.00 0.00	25.08 1.62 0.00	21.86 1.49 0.00	25.58 2.07 0.00	25.21 2.10 0.00	27.37 2.31 0.00	28.50 2.31 -0.86	32.60 2.58 -0.54	31.48 2.37 0.00	31.02 2.57 0.00	31.58 2.69 -0.76	49.62 3.36 -17.26	220.41 3.59 -187.50	218.09 3.61 -184.61	196.74 4.67 -154.83	272.29 3.81 -236.79	106.98 3.54 -73.10	135.22 3.24 -104.47	76.18 3.47 -40.45	49.28 4.44 -1.88	40.73 3.77 -0.01
HOLTSVILLE_IC_9 23698	186.75 2.36 -161.88	50.21 2.40 -22.96	43.53 2.23 -16.34	26.90 2.00 0.00	25.08 1.62 0.00	21.86 1.49 0.00	25.58 2.07 0.00	25.21 2.10 0.00	27.37 2.31 0.00	28.50 2.31 -0.86	32.60 2.58 -0.54	31.48 2.37 0.00	31.02 2.57 0.00	31.58 2.69 -0.76	49.62 3.36 -17.26	220.41 3.59 -187.50	218.09 3.61 -184.61	196.74 4.67 -154.83	272.29 3.81 -236.79	106.98 3.54 -73.10	135.22 3.24 -104.47	76.18 3.47 -40.45	49.28 4.44 -1.88	40.73 3.77 -0.01
HOMER_HL_115KV_TB2 355744	23.04 0.53 0.00	25.35 0.51 0.00	25.27 0.32 0.00	25.16 0.25 0.00	23.55 0.10 0.00	20.57 0.19 0.00	23.96 0.45 0.00	23.49 0.38 0.00	25.63 0.56 0.00	25.84 0.51 0.00	29.67 0.19 0.00	29.40 0.30 0.00	28.55 0.10 0.00	28.29 0.16 0.00	29.79 0.78 0.00	29.87 0.56 0.00	30.42 0.54 0.00	38.00 0.76 0.00	32.29 0.60 0.00	30.92 0.59 0.00	27.90 0.38 0.00	32.17 -0.08 0.00	43.08 0.12 0.00	37.29 0.34 0.00
HOWARD_WT_PWR 323690	23.03 0.52 0.00	25.21 0.37 0.00	25.15 0.20 0.00	24.96 0.05 0.00	23.28 -0.18 0.00	20.49 0.12 0.00	23.87 0.37 0.00	23.47 0.36 0.00	25.76 0.69 0.00	25.91 0.58 0.00	29.79 0.31 0.00	29.39 0.28 0.00	28.68 0.22 0.00	28.49 0.35 0.00	29.92 0.91 0.00	29.91 0.60 0.00	30.59 0.72 0.00	38.51 1.11 -0.15	32.73 1.01 -0.04	30.98 0.61 -0.03	28.16 0.61 -0.03	32.85 0.20 -0.39	43.60 0.32 -0.33	37.36 0.23 -0.17
HQ_GEN_CEDARS 23644	22.39 -0.12 0.00	24.85 0.01 0.00	25.01 0.06 0.00	25.02 0.11 0.00	23.67 0.21 0.00	20.56 0.19 0.00	23.68 0.17 0.00	23.24 0.13 0.00	25.12 0.05 0.00	25.28 -0.05 0.00	29.53 0.05 0.00	29.13 0.03 0.00	28.42 -0.03 0.00	27.98 -0.15 0.00	28.53 -0.48 0.00	28.58 -0.74 0.00	29.12 -0.76 0.00	35.50 -1.75 0.00	30.14 -1.54 0.00	28.91 -1.43 0.00	26.34 -1.17 0.00	31.88 -0.38 0.00	43.18 0.22 0.00	37.27 0.32 0.00
HQ_GEN_CEDARS_PROXY 323590	22.39 -0.12 0.00	24.84 0.00 0.00	25.01 0.06 0.00	25.02 0.11 0.00	23.67 0.21 0.00	22.51 0.18 -1.95	23.68 0.17 0.00	23.24 0.13 0.00	25.12 0.05 0.00	25.28 -0.05 0.00	29.53 0.05 0.00	29.13 0.03 0.00	28.42 -0.03 0.00	27.98 -0.15 0.00	28.53 -0.48 0.00	28.58 -0.74 0.00	29.12 -0.76 0.00	35.50 -1.75 0.00	30.14 -1.54 0.00	28.91 -1.43 0.00	21.44 -1.17 4.91	31.87 -0.38 0.00	43.18 0.23 0.00	37.26 0.31 0.00
HQ_GEN_IMPORT 323601	22.31 -0.19 0.00	24.72 -0.12 0.00	24.85 -0.10 0.00	24.82 -0.08 0.00	23.43 -0.03 0.00	20.35 -0.02 0.00	23.41 -0.09 0.00	23.00 -0.11 0.00	24.93 -0.14 0.00	25.13 -0.20 0.00	29.33 -0.15 0.00	28.93 -0.17 0.00	28.26 -0.20 0.00	27.88 -0.25 0.00	28.51 -0.50 0.00	28.76 -0.55 0.00	29.33 -0.55 0.00	36.37 -0.87 0.00	30.92 -0.77 0.00	29.62 -0.72 0.00	26.91 -0.60 0.00	31.88 -0.37 0.00	42.75 -0.21 0.00	36.77 -0.17 0.00
HQ_GEN_WHEEL 23651	22.31 -0.19 0.00	24.72 -0.12 0.00	24.85 -0.10 0.00	24.82 -0.08 0.00	23.43 -0.03 0.00	20.35 -0.02 0.00	23.41 -0.09 0.00	23.00 -0.11 0.00	24.93 -0.14 0.00	25.13 -0.20 0.00	29.33 -0.15 0.00	28.93 -0.17 0.00	28.26 -0.20 0.00	27.88 -0.25 0.00	28.51 -0.50 0.00	28.76 -0.55 0.00	29.33 -0.55 0.00	36.37 -0.87 0.00	30.92 -0.77 0.00	29.62 -0.72 0.00	26.91 -0.60 0.00	31.88 -0.37 0.00	42.75 -0.21 0.00	36.77 -0.17 0.00
HUDSON_AVE_GT_3 23810	35.76 1.30 -11.95	25.99 1.15 0.00	26.05 1.10 0.00	25.92 1.02 0.00	24.38 0.92 0.00	21.24 0.87 0.00	24.66 1.15 0.00	24.34 1.23 0.00	26.39 1.32 0.00	26.82 1.49 0.00	31.11 1.63 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.40 0.00	40.40 3.15 0.00	34.19 2.51 0.00	32.61 2.27 0.00	29.47 1.96 0.00	34.22 1.96 0.00	44.97 2.01 0.00	38.73 1.78 0.00
HUDSON_AVE_GT_4 23540	35.76 1.30 -11.95	25.99 1.15 0.00	26.05 1.10 0.00	25.92 1.02 0.00	24.38 0.92 0.00	21.24 0.87 0.00	24.66 1.15 0.00	24.34 1.23 0.00	26.39 1.32 0.00	26.82 1.49 0.00	31.11 1.63 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.40 0.00	40.40 3.15 0.00	34.19 2.51 0.00	32.61 2.27 0.00	29.47 1.96 0.00	34.22 1.96 0.00	44.97 2.01 0.00	38.73 1.78 0.00
HUDSON_AVE_GT_5 23657	35.76 1.30 -11.95	25.99 1.15 0.00	26.05 1.10 0.00	25.92 1.02 0.00	24.38 0.92 0.00	21.24 0.87 0.00	24.66 1.15 0.00	24.34 1.23 0.00	26.39 1.32 0.00	26.82 1.49 0.00	31.11 1.63 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.40 0.00	40.40 3.15 0.00	34.19 2.51 0.00	32.61 2.27 0.00	29.47 1.96 0.00	34.22 1.96 0.00	44.97 2.01 0.00	38.73 1.78 0.00

HUDSON_AVE_10 24168	35.67 1.21 -11.95	25.89 1.05 0.00	25.95 1.00 0.00	25.82 0.91 0.00	24.28 0.82 0.00	21.16 0.79 0.00	24.56 1.05 0.00	24.22 1.12 0.00	26.27 1.19 0.00	26.70 1.36 0.00	30.94 1.47 0.00	30.57 1.46 0.00	29.94 1.49 0.00	29.68 1.55 0.00	31.01 2.00 0.00	31.53 2.21 0.00	32.10 2.23 0.00	40.19 2.95 0.00	34.02 2.34 0.00	32.45 2.11 0.00	29.32 1.80 0.00	34.06 1.80 0.00	44.79 1.83 0.00	38.56 1.62 0.00
HUDSON___115KV_TB 4 355613	25.16 0.98 -1.67	25.92 1.08 0.00	26.11 1.16 0.00	26.03 1.12 0.00	24.50 1.04 0.00	21.30 0.93 0.00	24.60 1.10 0.00	24.23 1.12 0.00	26.24 1.16 0.00	26.53 1.20 0.00	30.78 1.30 0.00	30.48 1.38 0.00	29.72 1.26 0.00	29.36 1.23 0.00	30.34 1.33 0.00	30.57 1.26 0.00	31.09 1.22 0.00	38.89 1.65 0.00	33.24 1.55 0.00	31.90 1.56 0.00	29.00 1.49 0.00	33.75 1.49 0.00	44.73 1.77 0.00	38.44 1.49 0.00
HUNTER MOUNT___DRP 323613	24.98 1.10 -1.37	26.08 1.24 0.00	26.30 1.35 0.00	26.22 1.31 0.00	24.68 1.22 0.00	21.45 1.08 0.00	24.79 1.28 0.00	24.42 1.31 0.00	26.42 1.35 0.00	26.71 1.38 0.00	30.96 1.48 0.00	30.72 1.61 0.00	29.96 1.51 0.00	29.56 1.43 0.00	30.53 1.52 0.00	30.71 1.39 0.00	31.24 1.37 0.00	39.16 1.91 0.00	33.47 1.78 0.00	32.16 1.82 0.00	29.26 1.75 0.00	34.04 1.78 0.00	45.13 2.17 0.00	38.75 1.80 0.00
HUNTINGTON_RES_REC 323705	186.53 2.14 -161.88	49.95 2.14 -22.96	43.29 1.99 -16.34	26.69 1.78 0.00	24.89 1.43 0.00	21.67 1.30 0.00	25.33 1.82 0.00	24.97 1.86 0.00	27.12 2.05 0.00	28.27 2.08 -0.86	32.36 2.34 -0.54	31.27 2.16 0.00	30.80 2.35 0.00	31.34 2.45 -0.76	49.36 3.09 -17.26	305.14 3.36 -272.47	248.45 3.37 -215.20	209.71 4.36 -168.10	272.04 3.57 -236.79	106.75 3.31 -73.10	134.96 2.98 -104.47	75.84 3.14 -40.45	48.78 3.94 -1.88	40.34 3.38 -0.01
HUNTLEY___63 23557	23.19 0.69 0.00	25.64 0.80 0.00	25.59 0.64 0.00	25.45 0.55 0.00	23.76 0.30 0.00	20.68 0.31 0.00	24.00 0.49 0.00	23.38 0.27 0.00	25.53 0.46 0.00	25.55 0.22 0.00	29.51 0.04 0.00	29.16 0.06 0.00	28.49 0.03 0.00	28.37 0.24 0.00	29.85 0.84 0.00	29.91 0.59 0.00	30.34 0.46 0.00	37.85 0.61 0.00	32.36 0.68 0.00	31.00 0.66 0.00	28.11 0.60 0.00	32.46 0.20 0.00	43.43 0.47 0.00	37.60 0.66 0.00
HUNTLEY___64 23558	23.19 0.69 0.00	25.64 0.80 0.00	25.59 0.64 0.00	25.45 0.55 0.00	23.76 0.30 0.00	20.68 0.31 0.00	24.00 0.49 0.00	23.38 0.27 0.00	25.53 0.46 0.00	25.55 0.22 0.00	29.51 0.04 0.00	29.16 0.06 0.00	28.49 0.03 0.00	28.37 0.24 0.00	29.85 0.84 0.00	29.91 0.59 0.00	30.34 0.46 0.00	37.85 0.61 0.00	32.36 0.68 0.00	31.00 0.66 0.00	28.11 0.60 0.00	32.46 0.20 0.00	43.43 0.47 0.00	37.60 0.66 0.00
HUNTLEY___65 23559	23.19 0.69 0.00	25.64 0.80 0.00	25.59 0.64 0.00	25.45 0.55 0.00	23.76 0.30 0.00	20.68 0.31 0.00	24.00 0.49 0.00	23.38 0.27 0.00	25.53 0.46 0.00	25.55 0.22 0.00	29.51 0.04 0.00	29.16 0.06 0.00	28.49 0.03 0.00	28.37 0.24 0.00	29.85 0.84 0.00	29.91 0.59 0.00	30.34 0.46 0.00	37.85 0.61 0.00	32.36 0.68 0.00	31.00 0.66 0.00	28.11 0.60 0.00	32.46 0.20 0.00	43.43 0.47 0.00	37.60 0.66 0.00
HUNTLEY___66 23560	23.19 0.69 0.00	25.64 0.80 0.00	25.59 0.64 0.00	25.45 0.55 0.00	23.76 0.30 0.00	20.68 0.31 0.00	24.00 0.49 0.00	23.38 0.27 0.00	25.53 0.46 0.00	25.55 0.22 0.00	29.51 0.04 0.00	29.16 0.06 0.00	28.49 0.03 0.00	28.37 0.24 0.00	29.85 0.84 0.00	29.91 0.59 0.00	30.34 0.46 0.00	37.85 0.61 0.00	32.36 0.68 0.00	31.00 0.66 0.00	28.11 0.60 0.00	32.46 0.20 0.00	43.43 0.47 0.00	37.60 0.66 0.00
HUNTLEY___67 23561	22.98 0.47 0.00	25.36 0.52 0.00	25.32 0.37 0.00	25.17 0.27 0.00	23.49 0.03 0.00	20.47 0.09 0.00	23.76 0.25 0.00	23.12 0.00 0.00	25.20 0.13 0.00	25.32 -0.01 0.00	29.30 -0.18 0.00	28.95 -0.15 0.00	28.26 -0.19 0.00	28.12 -0.01 0.00	29.59 0.57 0.00	29.64 0.32 0.00	30.11 0.24 0.00	37.61 0.36 0.00	32.12 0.44 0.00	30.78 0.44 0.00	27.88 0.37 0.00	32.21 -0.05 0.00	43.10 0.14 0.00	37.24 0.29 0.00
HUNTLEY___68 23562	22.98 0.47 0.00	25.36 0.52 0.00	25.32 0.37 0.00	25.17 0.27 0.00	23.49 0.03 0.00	20.47 0.09 0.00	23.76 0.25 0.00	23.12 0.00 0.00	25.20 0.13 0.00	25.32 -0.01 0.00	29.30 -0.18 0.00	28.95 -0.15 0.00	28.26 -0.19 0.00	28.12 -0.01 0.00	29.59 0.57 0.00	29.64 0.32 0.00	30.11 0.24 0.00	37.61 0.36 0.00	32.12 0.44 0.00	30.78 0.44 0.00	27.88 0.37 0.00	32.21 -0.05 0.00	43.10 0.14 0.00	37.24 0.29 0.00
HYLAND___LFGE 323620	23.34 0.83 0.00	25.62 0.78 0.00	25.55 0.60 0.00	25.28 0.38 0.00	23.60 0.14 0.00	20.74 0.37 0.00	24.24 0.74 0.00	23.69 0.58 0.00	25.10 0.03 0.00	25.06 -0.27 0.00	29.10 -0.38 0.00	28.78 -0.32 0.00	28.19 -0.26 0.00	27.90 -0.23 0.00	29.27 0.26 0.00	30.09 0.77 0.00	30.88 1.00 0.00	38.82 1.58 0.00	33.22 1.53 0.00	31.92 1.58 0.00	29.47 1.96 0.00	34.32 2.06 0.00	45.63 2.67 0.00	39.10 2.15 0.00
INDECK___CORINTH 23802	25.62 1.24 -1.88	26.08 1.25 0.00	26.16 1.21 0.00	26.07 1.17 0.00	24.54 1.08 0.00	21.35 0.98 0.00	24.75 1.24 0.00	24.37 1.26 0.00	26.45 1.37 0.00	26.72 1.39 0.00	30.80 1.32 0.00	30.53 1.42 0.00	29.89 1.44 0.00	29.34 1.21 0.00	30.35 1.34 0.00	30.79 1.47 0.00	31.29 1.42 0.00	39.22 1.98 0.00	33.65 1.96 0.00	32.25 1.91 0.00	29.50 1.99 0.00	34.22 1.96 0.00	45.33 2.37 0.00	38.99 2.04 0.00
INDECK___ILION 23567	22.56 0.05 0.00	24.86 0.02 0.00	24.93 -0.02 0.00	24.90 -0.01 0.00	23.47 0.01 0.00	20.34 -0.03 0.00	23.53 0.03 0.00	23.16 0.05 0.00	25.16 0.09 0.00	25.50 0.17 0.00	29.67 0.19 0.00	29.30 0.19 0.00	28.68 0.23 0.00	28.36 0.22 0.00	29.30 0.29 0.00	29.63 0.31 0.00	30.13 0.25 0.00	37.59 0.34 0.00	32.00 0.32 0.00	30.72 0.38 0.00	27.87 0.35 0.00	32.49 0.24 0.00	43.02 0.06 0.00	36.97 0.02 0.00
INDECK___OLEAN 23982	23.05 0.54 0.00	25.29 0.45 0.00	25.27 0.32 0.00	25.16 0.25 0.00	23.56 0.10 0.00	20.56 0.19 0.00	23.95 0.44 0.00	23.50 0.39 0.00	25.62 0.55 0.00	25.85 0.52 0.00	29.67 0.19 0.00	29.40 0.30 0.00	28.55 0.10 0.00	28.30 0.17 0.00	29.81 0.79 0.00	29.88 0.56 0.00	30.42 0.55 0.00	38.00 0.76 0.00	32.29 0.60 0.00	30.92 0.58 0.00	27.89 0.38 0.00	32.18 -0.08 0.00	43.08 0.11 0.00	37.27 0.32 0.00
INDECK___OSWEGO 23783	21.93 -0.57 0.00	24.17 -0.67 0.00	24.25 -0.69 0.00	24.19 -0.71 0.00	22.77 -0.69 0.00	19.80 -0.57 0.00	22.89 -0.62 0.00	22.49 -0.62 0.00	24.42 -0.65 0.00	24.74 -0.62 -0.04	30.05 -0.76 -1.33	28.52 -0.75 -0.17	27.81 -0.73 -0.08	27.46 -0.68 0.00	28.47 -0.54 0.00	28.78 -0.54 0.00	29.33 -0.54 0.00	38.29 -0.53 -1.58	31.71 -0.41 -0.43	30.26 -0.42 -0.35	27.48 -0.39 -0.35	35.72 -0.59 -4.05	45.48 -0.90 -3.42	37.94 -0.81 -1.80



INDECK___YERKES 23781	23.23 0.72 0.00	25.59 0.75 0.00	25.62 0.67 0.00	25.48 0.57 0.00	23.78 0.32 0.00	20.69 0.32 0.00	24.01 0.50 0.00	23.42 0.31 0.00	25.55 0.48 0.00	25.60 0.27 0.00	29.55 0.07 0.00	29.19 0.09 0.00	28.51 0.06 0.00	28.40 0.27 0.00	29.90 0.88 0.00	29.94 0.62 0.00	30.38 0.50 0.00	37.90 0.65 0.00	32.40 0.71 0.00	31.03 0.69 0.00	28.15 0.64 0.00	32.50 0.23 0.00	43.46 0.50 0.00	37.62 0.67 0.00
INDIAN POINT_GT_1 24139	30.90 1.09 -7.30	25.79 0.95 0.00	25.86 0.91 0.00	25.75 0.85 0.00	24.22 0.76 0.00	21.08 0.70 0.00	24.45 0.95 0.00	24.13 1.02 0.00	26.16 1.09 0.00	26.57 1.24 0.00	30.84 1.36 0.00	30.47 1.37 0.00	29.84 1.39 0.00	29.57 1.44 0.00	30.87 1.86 0.00	31.36 2.04 0.00	31.93 2.05 0.00	39.98 2.73 0.00	33.90 2.21 0.00	32.37 2.03 0.00	29.26 1.75 0.00	33.98 1.72 0.00	44.73 1.77 0.00	38.53 1.58 0.00
INDIAN POINT_GT_2 23659	30.90 1.09 -7.30	25.79 0.95 0.00	25.86 0.91 0.00	25.75 0.85 0.00	24.22 0.76 0.00	21.08 0.70 0.00	24.45 0.95 0.00	24.13 1.02 0.00	26.16 1.09 0.00	26.57 1.24 0.00	30.84 1.36 0.00	30.47 1.37 0.00	29.84 1.39 0.00	29.57 1.44 0.00	30.87 1.86 0.00	31.36 2.04 0.00	31.93 2.05 0.00	39.98 2.73 0.00	33.90 2.21 0.00	32.37 2.03 0.00	29.26 1.75 0.00	33.98 1.72 0.00	44.73 1.77 0.00	38.53 1.58 0.00
INDIAN POINT_GT_3 24019	30.90 1.09 -7.30	25.79 0.95 0.00	25.86 0.91 0.00	25.75 0.85 0.00	24.22 0.76 0.00	21.08 0.70 0.00	24.45 0.95 0.00	24.13 1.02 0.00	26.16 1.09 0.00	26.57 1.24 0.00	30.84 1.36 0.00	30.47 1.37 0.00	29.84 1.39 0.00	29.57 1.44 0.00	30.87 1.86 0.00	31.36 2.04 0.00	31.93 2.05 0.00	39.98 2.73 0.00	33.90 2.21 0.00	32.37 2.03 0.00	29.26 1.75 0.00	33.98 1.72 0.00	44.73 1.77 0.00	38.53 1.58 0.00
INDIAN POINT___2 23530	32.28 1.04 -8.73	25.75 0.90 0.00	25.81 0.86 0.00	25.70 0.79 0.00	24.18 0.72 0.00	21.04 0.67 0.00	24.40 0.89 0.00	24.07 0.96 0.00	26.11 1.04 0.00	26.51 1.18 0.00	30.78 1.31 0.00	30.42 1.31 0.00	29.79 1.34 0.00	29.51 1.38 0.00	30.82 1.81 0.00	31.32 2.00 0.00	31.87 2.00 0.00	39.91 2.67 0.00	33.83 2.15 0.00	32.31 1.97 0.00	29.21 1.69 0.00	33.92 1.66 0.00	44.64 1.69 0.00	38.47 1.52 0.00
INDIAN POINT___3 23531	30.98 1.06 -7.41	25.75 0.91 0.00	25.83 0.88 0.00	25.72 0.82 0.00	24.20 0.74 0.00	21.06 0.68 0.00	24.42 0.91 0.00	24.09 0.98 0.00	26.13 1.06 0.00	26.53 1.20 0.00	30.80 1.32 0.00	30.43 1.32 0.00	29.81 1.35 0.00	29.52 1.39 0.00	30.83 1.81 0.00	31.32 2.00 0.00	31.87 2.00 0.00	39.91 2.66 0.00	33.84 2.15 0.00	32.31 1.97 0.00	29.21 1.70 0.00	33.94 1.68 0.00	44.68 1.72 0.00	38.49 1.54 0.00
INGHAM_C_115KV_TB7 356103	22.36 -0.15 0.00	24.62 -0.22 0.00	24.61 -0.34 0.00	24.65 -0.26 0.00	23.25 -0.21 0.00	20.10 -0.27 0.00	23.30 -0.21 0.00	22.93 -0.18 0.00	24.97 -0.10 0.00	25.40 0.07 0.00	29.53 0.06 0.00	29.16 0.06 0.00	28.62 0.17 0.00	28.29 0.16 0.00	29.28 0.27 0.00	29.62 0.30 0.00	30.04 0.16 0.00	37.49 0.25 0.00	31.98 0.29 0.00	30.86 0.52 0.00	28.01 0.50 0.00	32.53 0.27 0.00	42.90 -0.06 0.00	36.76 -0.18 0.00
IP CORINTH___1 23988	25.76 1.37 -1.88	26.20 1.36 0.00	26.31 1.35 0.00	26.21 1.31 0.00	24.67 1.20 0.00	21.46 1.08 0.00	24.87 1.36 0.00	24.51 1.40 0.00	26.59 1.52 0.00	26.87 1.54 0.00	30.96 1.49 0.00	30.70 1.59 0.00	30.06 1.61 0.00	29.51 1.38 0.00	30.53 1.52 0.00	30.95 1.64 0.00	31.46 1.59 0.00	39.45 2.20 0.00	33.83 2.15 0.00	32.42 2.09 0.00	29.67 2.15 0.00	34.40 2.14 0.00	45.56 2.60 0.00	39.19 2.24 0.00
IP___TICONDEROGA 23804	26.92 2.53 -1.88	27.50 2.66 0.00	27.54 2.59 0.00	27.52 2.62 0.00	25.91 2.45 0.00	22.62 2.25 0.00	26.29 2.78 0.00	25.89 2.79 0.00	28.10 3.03 0.00	28.43 3.10 0.00	32.75 3.27 0.00	32.57 3.46 0.00	31.72 3.27 0.00	31.33 3.20 0.00	32.60 3.59 0.00	33.32 4.00 0.00	33.84 3.97 0.00	42.16 4.91 0.00	35.98 4.29 0.00	34.18 3.84 0.00	31.23 3.71 0.00	36.06 3.81 0.00	47.62 4.66 0.00	41.27 4.32 0.00
ISLIP_RES_REC 323679	186.88 2.49 -161.88	50.34 2.54 -22.96	43.65 2.36 -16.34	27.02 2.12 0.00	25.19 1.73 0.00	21.96 1.59 0.00	25.70 2.19 0.00	25.33 2.22 0.00	27.54 2.47 0.00	28.67 2.48 -0.86	32.80 2.78 -0.54	31.67 2.57 0.00	31.21 2.76 0.00	31.78 2.89 -0.76	49.85 3.58 -17.26	209.20 3.82 -176.06	213.73 3.86 -180.00	196.21 4.98 -153.98	272.54 4.07 -236.79	107.21 3.77 -73.10	135.43 3.45 -104.47	76.41 3.71 -40.45	49.58 4.74 -1.88	40.96 4.00 -0.01
JAMAICA__27_KV_LOAD 355505	35.84 1.39 -11.95	26.08 1.24 0.00	26.13 1.18 0.00	25.99 1.09 0.00	24.44 0.98 0.00	21.32 0.95 0.00	24.74 1.24 0.00	24.37 1.26 0.00	26.41 1.34 0.00	26.84 1.51 0.00	31.06 1.58 0.00	30.69 1.59 0.00	30.04 1.59 0.00	29.79 1.66 0.00	31.12 2.11 0.00	31.66 2.34 0.00	32.25 2.38 0.00	40.38 3.14 0.00	34.18 2.49 0.00	32.63 2.29 0.00	29.48 1.97 0.00	34.27 2.01 0.00	45.15 2.19 0.00	38.82 1.87 0.00
JANIS___SOLAR 323808	23.50 0.99 0.00	25.80 0.96 0.00	25.78 0.83 0.00	25.76 0.85 0.00	24.28 0.82 0.00	21.17 0.79 0.00	24.57 1.07 0.00	24.22 1.11 0.00	26.39 1.32 0.00	26.77 1.43 -0.01	31.06 1.34 -0.24	30.50 1.37 -0.03	29.49 1.03 -0.02	29.09 0.96 0.00	30.31 1.30 0.00	30.55 1.24 0.00	31.33 1.45 0.00	39.57 2.00 -0.32	33.85 2.08 -0.09	32.27 1.86 -0.07	29.35 1.76 -0.07	34.89 1.80 -0.83	45.76 2.10 -0.70	38.95 1.63 -0.37
JARVIS____ 23743	22.60 0.09 0.00	24.92 0.08 0.00	25.03 0.07 0.00	24.98 0.08 0.00	23.53 0.07 0.00	20.42 0.04 0.00	23.59 0.08 0.00	23.21 0.10 0.00	25.18 0.11 0.00	25.47 0.14 0.00	29.63 0.15 0.00	29.26 0.15 0.00	28.60 0.15 0.00	28.29 0.16 0.00	29.21 0.20 0.00	29.52 0.21 0.00	30.09 0.21 0.00	37.51 0.26 0.00	31.86 0.18 0.00	30.49 0.15 0.00	27.65 0.13 0.00	32.34 0.08 0.00	42.99 0.03 0.00	36.97 0.02 0.00
JENNISON___1 23625	23.63 1.12 0.00	25.99 1.16 0.00	25.96 1.01 0.00	25.95 1.04 0.00	24.45 0.98 0.00	21.29 0.92 0.00	24.72 1.21 0.00	24.32 1.21 0.00	26.52 1.45 0.00	26.87 1.54 0.00	31.26 1.62 -0.17	30.77 1.65 -0.02	29.91 1.45 -0.01	29.57 1.44 0.00	30.78 1.77 0.00	31.05 1.73 0.00	31.72 1.85 0.00	39.97 2.49 -0.23	34.01 2.26 -0.06	32.47 2.08 -0.05	29.48 1.91 -0.05	34.81 1.95 -0.60	45.78 2.32 -0.50	39.06 1.85 -0.27
JENNISON___2 23626	23.63 1.12 0.00	25.99 1.16 0.00	25.96 1.01 0.00	25.95 1.04 0.00	24.45 0.98 0.00	21.29 0.92 0.00	24.72 1.21 0.00	24.32 1.21 0.00	26.52 1.45 0.00	26.87 1.54 0.00	31.26 1.62 -0.17	30.77 1.65 -0.02	29.91 1.45 -0.01	29.57 1.44 0.00	30.78 1.77 0.00	31.05 1.73 0.00	31.72 1.85 0.00	39.97 2.49 -0.23	34.01 2.26 -0.06	32.47 2.08 -0.05	29.48 1.91 -0.05	34.81 1.95 -0.60	45.78 2.32 -0.50	39.06 1.85 -0.27

JERICO_RISE_WT_PWR 323719	22.24 -0.27 0.00	24.76 -0.07 0.00	25.14 0.19 0.00	25.26 0.35 0.00	23.96 0.50 0.00	20.75 0.38 0.00	24.01 0.50 0.00	23.58 0.47 0.00	25.58 0.51 0.00	25.71 0.38 0.00	29.88 0.40 0.00	29.44 0.34 0.00	28.77 0.32 0.00	28.42 0.29 0.00	29.08 0.07 0.00	29.41 0.09 0.00	29.88 0.01 0.00	36.95 -0.30 0.00	31.46 -0.22 0.00	30.14 -0.20 0.00	27.61 0.10 0.00	32.62 0.36 0.00	43.32 0.36 0.00	37.46 0.51 0.00
KATONAH__115KV_46KV_TB4 355592	29.21 1.36 -5.34	26.08 1.24 0.00	26.15 1.20 0.00	26.05 1.15 0.00	24.50 1.04 0.00	21.33 0.96 0.00	24.78 1.28 0.00	24.45 1.34 0.00	26.53 1.46 0.00	26.95 1.62 0.00	31.27 1.79 0.00	30.90 1.79 0.00	30.27 1.82 0.00	29.97 1.84 0.00	31.29 2.28 0.00	31.80 2.48 0.00	32.38 2.51 0.00	40.58 3.34 0.00	34.40 2.71 0.00	32.83 2.49 0.00	29.67 2.16 0.00	34.43 2.18 0.00	45.32 2.37 0.00	39.00 2.05 0.00
KCE_NY_1 323755	25.83 1.42 -1.90	26.28 1.44 0.00	26.42 1.47 0.00	26.35 1.45 0.00	24.77 1.31 0.00	21.52 1.15 0.00	24.91 1.40 0.00	24.53 1.42 0.00	26.60 1.53 0.00	26.91 1.58 0.00	31.16 1.67 0.00	30.82 1.72 0.00	30.21 1.76 0.00	29.80 1.67 0.00	30.81 1.80 0.00	31.22 1.90 0.00	31.80 1.93 0.00	39.80 2.55 0.00	33.96 2.27 0.00	32.63 2.29 0.00	29.64 2.13 0.00	34.41 2.15 0.00	45.62 2.67 0.00	39.22 2.27 0.00
KCE_NY_6_ESR 323823	23.22 0.71 0.00	25.51 0.67 0.00	25.52 0.58 0.00	25.38 0.47 0.00	23.70 0.24 0.00	20.65 0.27 0.00	24.01 0.50 0.00	23.43 0.33 0.00	25.54 0.47 0.00	25.67 0.34 0.00	29.68 0.20 0.00	29.32 0.22 0.00	28.61 0.16 0.00	28.46 0.33 0.00	29.95 0.94 0.00	29.99 0.67 0.00	30.49 0.62 0.00	38.07 0.82 0.00	32.48 0.80 0.00	31.12 0.79 0.00	28.20 0.69 0.00	32.61 0.36 0.00	43.58 0.62 0.00	37.59 0.65 0.00
KEDC_PORT_JEFF_GT2 24210	186.68 2.29 -161.88	50.14 2.34 -22.96	43.47 2.17 -16.34	26.85 1.95 0.00	25.04 1.58 0.00	21.82 1.45 0.00	25.51 2.00 0.00	25.12 2.02 0.00	27.19 2.12 0.00	28.30 2.11 -0.86	32.37 2.35 -0.54	31.28 2.18 0.00	30.97 2.52 0.00	31.53 2.64 -0.76	49.57 3.30 -17.26	236.04 3.48 -203.24	224.35 3.52 -190.95	197.78 4.53 -156.01	272.11 3.63 -236.79	106.85 3.41 -73.10	135.07 3.09 -104.47	75.99 3.29 -40.45	49.09 4.25 -1.88	40.60 3.65 -0.01
KEDC_PORT_JEFF_GT3 24211	186.68 2.29 -161.88	50.14 2.34 -22.96	43.47 2.17 -16.34	26.85 1.95 0.00	25.04 1.58 0.00	21.82 1.45 0.00	25.51 2.00 0.00	25.12 2.02 0.00	27.19 2.12 0.00	28.30 2.11 -0.86	32.37 2.35 -0.54	31.28 2.18 0.00	30.97 2.52 0.00	31.53 2.64 -0.76	49.57 3.30 -17.26	236.04 3.48 -203.24	224.35 3.52 -190.95	197.78 4.53 -156.01	272.11 3.63 -236.79	106.85 3.41 -73.10	135.07 3.09 -104.47	75.99 3.29 -40.45	49.09 4.25 -1.88	40.60 3.65 -0.01
KEDC_GLWD_GT4 24219	185.81 1.42 -161.88	49.15 1.35 -22.96	42.72 1.43 -16.34	26.23 1.33 0.00	24.61 1.15 0.00	21.43 1.05 0.00	24.92 1.42 0.00	24.58 1.48 0.00	26.55 1.48 0.00	27.79 1.60 -0.86	31.98 1.96 -0.54	31.02 1.91 0.00	30.42 1.97 0.00	30.74 1.85 -0.76	48.59 2.32 -17.26	89.45 2.52 -57.61	164.70 2.54 -132.28	185.72 3.32 -145.16	271.20 2.72 -236.79	105.91 2.47 -73.10	134.14 2.15 -104.47	74.88 2.18 -40.45	47.23 2.39 -1.88	39.03 2.08 -0.01
KEDC_GLWD_GT5 24220	185.81 1.42 -161.88	49.15 1.35 -22.96	42.72 1.43 -16.34	26.23 1.33 0.00	24.61 1.15 0.00	21.43 1.05 0.00	24.92 1.42 0.00	24.58 1.48 0.00	26.55 1.48 0.00	27.79 1.60 -0.86	31.98 1.96 -0.54	31.02 1.91 0.00	30.42 1.97 0.00	30.74 1.85 -0.76	48.59 2.32 -17.26	89.45 2.52 -57.61	164.70 2.54 -132.28	185.72 3.32 -145.16	271.20 2.72 -236.79	105.91 2.47 -73.10	134.14 2.15 -104.47	74.88 2.18 -40.45	47.23 2.39 -1.88	39.03 2.08 -0.01
KENSICO____ 23655	30.73 1.18 -7.05	25.88 1.04 0.00	25.95 1.00 0.00	25.85 0.94 0.00	24.30 0.84 0.00	21.16 0.78 0.00	24.55 1.04 0.00	24.22 1.11 0.00	26.27 1.20 0.00	26.68 1.34 0.00	30.96 1.48 0.00	30.57 1.47 0.00	29.95 1.51 0.00	29.68 1.54 0.00	30.98 1.97 0.00	31.48 2.16 0.00	32.05 2.18 0.00	40.12 2.87 0.00	34.01 2.32 0.00	32.46 2.12 0.00	29.35 1.84 0.00	34.08 1.82 0.00	44.86 1.90 0.00	38.65 1.70 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.89 1.16 0.78	25.88 1.04 0.00	25.93 0.98 0.00	25.86 0.95 0.00	24.33 0.87 0.00	21.14 0.76 0.00	24.51 1.00 0.00	24.18 1.07 0.00	26.32 1.25 0.00	26.79 1.45 0.00	31.14 1.66 0.00	30.77 1.66 0.00	30.07 1.62 0.00	29.78 1.65 0.00	31.02 2.01 0.00	31.55 2.23 0.00	32.24 2.36 0.00	40.20 2.95 0.00	34.11 2.42 0.00	32.60 2.26 0.00	29.47 1.95 0.00	34.23 1.97 0.00	45.06 2.10 0.00	38.79 1.84 0.00
KIAC_JFK_GT1 23816	35.71 1.25 -11.95	25.93 1.09 0.00	25.99 1.04 0.00	25.85 0.94 0.00	24.30 0.84 0.00	21.20 0.83 0.00	24.59 1.08 0.00	24.17 1.06 0.00	26.15 1.08 0.00	26.58 1.24 0.00	30.74 1.26 0.00	30.38 1.28 0.00	29.74 1.29 0.00	29.49 1.36 0.00	30.80 1.79 0.00	31.34 2.02 0.00	31.92 2.05 0.00	40.01 2.76 0.00	33.87 2.18 0.00	32.32 1.99 0.00	29.21 1.70 0.00	33.97 1.72 0.00	44.77 1.81 0.00	38.58 1.64 0.00
KIAC_JFK_GT2 23817	35.71 1.25 -11.95	25.93 1.09 0.00	25.99 1.04 0.00	25.85 0.94 0.00	24.30 0.84 0.00	21.20 0.83 0.00	24.59 1.08 0.00	24.17 1.06 0.00	26.15 1.08 0.00	26.58 1.24 0.00	30.74 1.26 0.00	30.38 1.28 0.00	29.74 1.29 0.00	29.49 1.36 0.00	30.80 1.79 0.00	31.34 2.02 0.00	31.92 2.05 0.00	40.01 2.76 0.00	33.87 2.18 0.00	32.32 1.99 0.00	29.21 1.70 0.00	33.97 1.72 0.00	44.77 1.81 0.00	38.58 1.64 0.00
KIAC_JFK____ 323774	35.71 1.25 -11.95	25.95 1.12 0.00	25.99 1.04 0.00	25.85 0.94 0.00	24.30 0.84 0.00	21.21 0.84 0.00	24.60 1.09 0.00	24.16 1.05 0.00	26.16 1.09 0.00	26.57 1.24 0.00	30.74 1.26 0.00	30.38 1.28 0.00	29.74 1.29 0.00	29.49 1.36 0.00	30.80 1.79 0.00	31.34 2.02 0.00	31.92 2.05 0.00	40.01 2.76 0.00	33.87 2.18 0.00	32.32 1.99 0.00	29.21 1.70 0.00	33.98 1.72 0.00	44.77 1.81 0.00	38.59 1.65 0.00
KINTIGH____ 23543	22.78 0.27 0.00	25.13 0.29 0.00	25.11 0.16 0.00	24.97 0.06 0.00	23.34 -0.12 0.00	20.33 -0.04 0.00	23.57 0.06 0.00	22.96 -0.15 0.00	25.02 -0.05 0.00	25.16 -0.17 0.00	29.07 -0.31 0.10	28.81 -0.28 0.01	28.12 -0.33 0.01	27.96 -0.17 0.00	29.35 0.34 0.00	29.47 0.15 0.00	29.95 0.08 0.00	37.47 0.22 0.00	32.00 0.32 0.00	30.63 0.29 0.00	27.73 0.22 0.00	32.10 -0.16 0.00	42.89 -0.07 0.00	37.02 0.08 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.49 -0.02 0.00	25.01 0.17 0.00	25.42 0.47 0.00	25.57 0.66 0.00	24.24 0.78 0.00	20.99 0.62 0.00	24.32 0.82 0.00	23.89 0.78 0.00	25.91 0.83 0.00	26.03 0.70 0.00	30.16 0.68 0.00	29.73 0.62 0.00	29.08 0.63 0.00	28.75 0.62 0.00	29.48 0.47 0.00	29.87 0.55 0.00	30.36 0.48 0.00	37.54 0.30 0.00	32.00 0.31 0.00	30.63 0.30 0.00	28.14 0.63 0.00	33.16 0.91 0.00	43.93 0.97 0.00	37.97 1.02 0.00

LACHUTE____HYDRO 323717	26.93 2.54 -1.88	27.48 2.64 0.00	27.54 2.59 0.00	27.52 2.62 0.00	25.91 2.44 0.00	22.61 2.24 0.00	26.28 2.78 0.00	25.90 2.79 0.00	28.09 3.02 0.00	28.42 3.09 0.00	32.75 3.27 0.00	32.57 3.46 0.00	31.72 3.27 0.00	31.33 3.20 0.00	32.60 3.59 0.00	33.32 4.00 0.00	33.84 3.97 0.00	42.16 4.92 0.00	35.98 4.29 0.00	34.18 3.84 0.00	31.22 3.71 0.00	36.05 3.80 0.00	47.62 4.66 0.00	41.24 4.29 0.00
LAWRNCAV_115KV_TB1 80681	22.36 -0.15 0.00	24.81 -0.03 0.00	24.99 0.04 0.00	25.01 0.10 0.00	23.67 0.21 0.00	20.57 0.19 0.00	23.71 0.21 0.00	23.29 0.18 0.00	25.19 0.12 0.00	25.33 0.00 0.00	29.68 0.11 -0.09	29.19 0.07 -0.01	28.45 0.00 -0.01	27.93 -0.20 0.00	28.36 -0.65 0.00	28.31 -1.01 0.00	28.84 -1.03 0.00	35.32 -2.05 -0.12	29.87 -1.85 -0.03	28.73 -1.64 -0.03	26.22 -1.31 -0.03	31.95 -0.60 -0.29	43.29 0.09 -0.24	37.36 0.29 -0.13
LEDERLE____ 23769	16.18 1.09 7.42	25.77 0.93 0.00	25.84 0.89 0.00	25.74 0.84 0.00	24.22 0.76 0.00	21.08 0.70 0.00	24.44 0.93 0.00	24.12 1.01 0.00	26.18 1.11 0.00	26.60 1.27 0.00	30.90 1.42 0.00	30.54 1.43 0.00	29.91 1.46 0.00	29.63 1.50 0.00	30.96 1.95 0.00	31.46 2.14 0.00	32.02 2.14 0.00	40.07 2.83 0.00	33.98 2.29 0.00	32.43 2.10 0.00	29.33 1.82 0.00	34.05 1.79 0.00	44.79 1.84 0.00	38.59 1.65 0.00
LIGHTHSE_115KV_TB6 355974	22.11 -0.40 0.00	24.39 -0.45 0.00	24.48 -0.47 0.00	24.44 -0.47 0.00	23.03 -0.43 0.00	20.00 -0.37 0.00	23.15 -0.36 0.00	22.78 -0.33 0.00	24.74 -0.33 0.00	25.05 -0.30 -0.02	29.83 -0.35 -0.71	28.81 -0.38 -0.09	28.08 -0.41 -0.04	27.72 -0.41 0.00	28.70 -0.31 0.00	28.92 -0.40 0.00	29.47 -0.40 0.00	37.77 -0.34 -0.86	31.73 -0.19 -0.24	30.30 -0.22 -0.19	27.62 -0.08 -0.19	34.39 -0.08 -2.22	44.63 -0.19 -1.87	37.76 -0.17 -0.98
LINDEN COGEN____ 23786	35.57 1.11 -11.95	25.80 0.97 0.00	25.85 0.90 0.00	25.73 0.82 0.00	24.21 0.75 0.00	21.10 0.72 0.00	24.46 0.95 0.00	24.12 1.01 0.00	26.13 1.07 0.00	26.57 1.24 0.00	30.82 1.34 0.00	30.44 1.33 0.00	29.82 1.36 0.00	29.57 1.44 0.00	30.89 1.88 0.00	31.41 2.09 0.00	31.98 2.11 0.00	40.02 2.77 0.00	33.87 2.19 0.00	32.31 1.97 0.00	29.18 1.67 0.00	33.87 1.61 0.00	39.78 1.55 4.73	38.37 1.42 0.00
LINDHRST_69_KV_BK1 356055	186.58 2.19 -161.88	49.89 2.09 -22.96	43.32 2.03 -16.34	26.77 1.86 0.00	25.00 1.54 0.00	21.75 1.38 0.00	25.40 1.90 0.00	25.08 1.96 0.00	27.31 2.23 0.00	28.41 2.22 -0.86	32.51 2.49 -0.54	31.41 2.31 0.00	30.81 2.36 0.00	31.34 2.45 -0.76	49.30 3.03 -17.26	102.11 3.25 -69.55	170.29 3.32 -137.09	187.53 4.24 -146.05	272.00 3.52 -236.79	106.73 3.29 -73.10	134.99 3.01 -104.47	75.88 3.18 -40.45	48.81 3.97 -1.88	40.31 3.35 -0.01
LIPA_MISC_IPP 23656	186.75 2.36 -161.88	50.06 2.26 -22.96	43.52 2.22 -16.34	26.89 1.99 0.00	25.08 1.62 0.00	21.83 1.46 0.00	25.54 2.03 0.00	25.18 2.07 0.00	27.34 2.27 0.00	28.51 2.32 -0.86	32.60 2.58 -0.54	31.44 2.33 0.00	30.97 2.52 0.00	31.53 2.64 -0.76	49.58 3.31 -17.26	213.71 3.53 -180.86	215.30 3.50 -181.93	196.00 4.41 -154.34	272.10 3.62 -236.79	106.81 3.37 -73.10	135.06 3.08 -104.47	76.03 3.32 -40.45	49.22 4.38 -1.88	40.61 3.65 -0.01
LISF____SOLAR 323691	186.75 2.36 -161.88	50.22 2.42 -22.96	43.55 2.26 -16.34	26.95 2.05 0.00	25.13 1.67 0.00	21.89 1.52 0.00	25.60 2.10 0.00	25.21 2.10 0.00	27.42 2.35 0.00	28.57 2.39 -0.86	32.67 2.65 -0.54	31.49 2.38 0.00	31.01 2.56 0.00	31.58 2.69 -0.76	49.64 3.37 -17.26	215.32 3.61 -182.39	216.01 3.59 -182.55	196.20 4.50 -154.45	272.17 3.69 -236.79	106.87 3.43 -73.10	135.12 3.14 -104.47	76.11 3.41 -40.45	49.32 4.48 -1.88	40.76 3.80 -0.01
LITTLE FALLS____HYD 24013	22.36 -0.15 0.00	24.62 -0.22 0.00	24.61 -0.34 0.00	24.65 -0.26 0.00	23.25 -0.21 0.00	20.10 -0.27 0.00	23.30 -0.21 0.00	22.93 -0.18 0.00	24.97 -0.10 0.00	25.40 0.07 0.00	29.53 0.06 0.00	29.16 0.06 0.00	28.62 0.17 0.00	28.29 0.16 0.00	29.28 0.27 0.00	29.62 0.30 0.00	30.04 0.16 0.00	37.49 0.25 0.00	31.98 0.29 0.00	30.86 0.52 0.00	28.01 0.50 0.00	32.53 0.27 0.00	42.90 -0.06 0.00	36.76 -0.18 0.00
LITTLRIV_115KV_TB1 356100	22.59 0.08 0.00	25.10 0.26 0.00	25.26 0.31 0.00	25.30 0.39 0.00	23.96 0.50 0.00	20.82 0.45 0.00	24.02 0.51 0.00	23.59 0.48 0.00	25.54 0.47 0.00	25.64 0.30 0.00	30.07 0.49 -0.10	29.57 0.45 -0.01	28.80 0.34 -0.01	28.28 0.14 0.00	28.74 -0.28 0.00	28.72 -0.60 0.00	29.27 -0.60 0.00	35.77 -1.60 -0.13	30.24 -1.48 -0.03	29.10 -1.27 -0.03	26.58 -0.95 -0.03	32.39 -0.18 -0.31	43.84 0.62 -0.26	37.82 0.73 -0.14
LI_NEWBRDGE____DRP 323616	186.01 1.62 -161.88	49.30 1.50 -22.96	42.74 1.45 -16.34	26.24 1.33 0.00	24.55 1.09 0.00	21.36 0.99 0.00	24.90 1.39 0.00	24.56 1.45 0.00	26.67 1.61 0.00	27.87 1.68 -0.86	31.89 1.87 -0.54	30.84 1.74 0.00	30.29 1.84 0.00	30.80 1.91 -0.76	48.68 2.41 -17.26	87.81 2.60 -55.90	164.08 2.61 -131.59	185.69 3.41 -145.03	271.28 2.80 -236.79	106.01 2.57 -73.10	134.27 2.29 -104.47	75.05 2.35 -40.45	47.62 2.77 -1.88	39.36 2.40 -0.01
LOCKPORT_115KV_TB60_63_64 80432	22.99 0.49 0.00	25.38 0.54 0.00	25.33 0.38 0.00	25.18 0.28 0.00	23.51 0.05 0.00	20.47 0.10 0.00	23.74 0.23 0.00	23.09 -0.02 0.00	25.20 0.13 0.00	25.28 -0.06 0.00	29.25 -0.23 0.00	28.92 -0.18 0.00	28.25 -0.20 0.00	28.15 0.02 0.00	29.60 0.59 0.00	29.68 0.36 0.00	30.09 0.21 0.00	37.55 0.31 0.00	32.13 0.45 0.00	30.80 0.46 0.00	27.94 0.42 0.00	32.23 -0.03 0.00	43.15 0.19 0.00	37.26 0.31 0.00
LOCKPORT____CC1 323769	23.00 0.49 0.00	25.30 0.46 0.00	25.33 0.38 0.00	25.17 0.27 0.00	23.51 0.05 0.00	20.46 0.09 0.00	23.73 0.22 0.00	23.10 -0.01 0.00	25.17 0.10 0.00	25.28 -0.05 0.00	29.24 -0.24 0.00	28.91 -0.20 0.00	28.23 -0.22 0.00	28.12 -0.01 0.00	29.60 0.58 0.00	29.65 0.33 0.00	30.07 0.20 0.00	37.55 0.30 0.00	32.11 0.43 0.00	30.78 0.44 0.00	27.91 0.40 0.00	32.21 -0.04 0.00	43.10 0.14 0.00	37.22 0.27 0.00
LOCKPORT____CC2 323770	23.00 0.49 0.00	25.30 0.46 0.00	25.33 0.38 0.00	25.17 0.27 0.00	23.51 0.05 0.00	20.46 0.09 0.00	23.73 0.22 0.00	23.10 -0.01 0.00	25.17 0.10 0.00	25.28 -0.05 0.00	29.24 -0.24 0.00	28.91 -0.20 0.00	28.23 -0.22 0.00	28.12 -0.01 0.00	29.60 0.58 0.00	29.65 0.33 0.00	30.07 0.20 0.00	37.55 0.30 0.00	32.11 0.43 0.00	30.78 0.44 0.00	27.91 0.40 0.00	32.21 -0.04 0.00	43.10 0.14 0.00	37.22 0.27 0.00
LOCKPORT____CC3 323771	23.00 0.49 0.00	25.30 0.46 0.00	25.33 0.38 0.00	25.17 0.27 0.00	23.51 0.05 0.00	20.46 0.09 0.00	23.73 0.22 0.00	23.10 -0.01 0.00	25.17 0.10 0.00	25.28 -0.05 0.00	29.24 -0.24 0.00	28.91 -0.20 0.00	28.23 -0.22 0.00	28.12 -0.01 0.00	29.60 0.58 0.00	29.65 0.33 0.00	30.07 0.20 0.00	37.55 0.30 0.00	32.11 0.43 0.00	30.78 0.44 0.00	27.91 0.40 0.00	32.21 -0.04 0.00	43.10 0.14 0.00	37.22 0.27 0.00

LONG_LAKE_PHOENIX 24014	22.07 -0.44 0.00	24.33 -0.51 0.00	24.39 -0.56 0.00	24.33 -0.57 0.00	22.90 -0.56 0.00	19.92 -0.45 0.00	23.02 -0.49 0.00	22.60 -0.51 0.00	24.57 -0.50 0.00	24.86 -0.50 -0.03	29.87 -0.60 -0.99	28.64 -0.59 -0.12	27.94 -0.57 -0.06	27.62 -0.51 0.00	28.66 -0.35 0.00	28.99 -0.33 0.00	29.57 -0.30 0.00	38.20 -0.24 -1.20	31.83 -0.19 -0.33	30.41 -0.20 -0.27	27.58 -0.20 -0.27	34.93 -0.40 -3.07	44.88 -0.67 -2.59	37.70 -0.61 -1.36
LOVETT___3 23632	15.86 0.98 7.62	25.66 0.82 0.00	25.73 0.78 0.00	25.63 0.73 0.00	24.11 0.65 0.00	20.98 0.61 0.00	24.33 0.83 0.00	24.00 0.89 0.00	26.04 0.97 0.00	26.44 1.11 0.00	30.71 1.23 0.00	30.34 1.24 0.00	29.72 1.27 0.00	29.44 1.31 0.00	30.75 1.74 0.00	31.24 1.92 0.00	31.78 1.91 0.00	39.81 2.57 0.00	33.75 2.07 0.00	32.23 1.90 0.00	29.15 1.64 0.00	33.86 1.61 0.00	44.57 1.61 0.00	38.42 1.47 0.00
LOVETT___4 23642	15.86 0.98 7.62	25.66 0.82 0.00	25.73 0.78 0.00	25.63 0.73 0.00	24.11 0.65 0.00	20.98 0.61 0.00	24.33 0.83 0.00	24.00 0.89 0.00	26.04 0.97 0.00	26.44 1.11 0.00	30.71 1.23 0.00	30.34 1.24 0.00	29.72 1.27 0.00	29.44 1.31 0.00	30.75 1.74 0.00	31.24 1.92 0.00	31.78 1.91 0.00	39.81 2.57 0.00	33.75 2.07 0.00	32.23 1.90 0.00	29.15 1.64 0.00	33.86 1.61 0.00	44.57 1.61 0.00	38.42 1.47 0.00
LOVETT___5 23593	15.86 0.98 7.62	25.66 0.82 0.00	25.73 0.78 0.00	25.63 0.73 0.00	24.11 0.65 0.00	20.98 0.61 0.00	24.33 0.83 0.00	24.00 0.89 0.00	26.04 0.97 0.00	26.44 1.11 0.00	30.71 1.23 0.00	30.34 1.24 0.00	29.72 1.27 0.00	29.44 1.31 0.00	30.75 1.74 0.00	31.24 1.92 0.00	31.78 1.91 0.00	39.81 2.57 0.00	33.75 2.07 0.00	32.23 1.90 0.00	29.15 1.64 0.00	33.86 1.61 0.00	44.57 1.61 0.00	38.42 1.47 0.00
LOWER RAQUET___HYD 24057	22.35 -0.16 0.00	24.79 -0.05 0.00	24.98 0.03 0.00	25.01 0.10 0.00	23.68 0.22 0.00	20.56 0.19 0.00	23.72 0.22 0.00	23.31 0.20 0.00	25.21 0.14 0.00	25.35 0.02 0.00	29.72 0.13 -0.11	29.22 0.10 -0.01	28.46 0.00 -0.01	27.91 -0.22 0.00	28.31 -0.70 0.00	28.23 -1.09 0.00	28.76 -1.12 0.00	35.24 -2.14 -0.13	29.77 -1.95 -0.04	28.66 -1.71 -0.03	26.18 -1.36 -0.03	31.92 -0.67 -0.33	43.28 0.04 -0.28	37.37 0.27 -0.15
LOWER___HUDSON 24059	25.59 1.07 -2.02	25.93 1.09 0.00	26.08 1.13 0.00	26.02 1.11 0.00	24.46 1.00 0.00	21.23 0.86 0.00	24.54 1.03 0.00	24.12 1.01 0.00	26.17 1.10 0.00	26.48 1.15 0.00	30.69 1.22 0.00	30.37 1.27 0.00	29.73 1.28 0.00	29.38 1.25 0.00	30.38 1.37 0.00	30.76 1.44 0.00	31.26 1.38 0.00	39.09 1.85 0.00	33.31 1.63 0.00	31.96 1.63 0.00	29.02 1.50 0.00	33.75 1.49 0.00	44.76 1.81 0.00	38.53 1.58 0.00
LOWVILLE_115KV_TB2 356335	22.46 -0.05 0.00	24.78 -0.05 0.00	24.92 -0.03 0.00	24.90 -0.01 0.00	23.53 0.06 0.00	20.42 0.04 0.00	23.67 0.16 0.00	23.33 0.22 0.00	25.29 0.22 0.00	25.59 0.25 -0.01	30.10 0.36 -0.26	29.42 0.28 -0.03	28.62 0.15 -0.02	28.17 0.04 0.00	28.94 -0.07 0.00	29.12 -0.20 0.00	29.71 -0.16 0.00	37.24 -0.33 -0.33	31.61 -0.16 -0.09	30.28 -0.13 -0.07	27.69 0.10 -0.07	33.45 0.38 -0.81	44.41 0.77 -0.68	38.01 0.70 -0.36
LUTHERFT_115KV_GLOB_FND_222 355753	25.81 1.41 -1.90	26.27 1.43 0.00	26.41 1.46 0.00	26.34 1.43 0.00	24.77 1.31 0.00	21.51 1.14 0.00	24.90 1.39 0.00	24.51 1.40 0.00	26.59 1.53 0.00	26.90 1.57 0.00	31.14 1.66 0.00	30.83 1.73 0.00	30.20 1.75 0.00	29.80 1.67 0.00	30.81 1.80 0.00	31.20 1.88 0.00	31.74 1.87 0.00	39.75 2.50 0.00	33.92 2.24 0.00	32.55 2.21 0.00	29.59 2.08 0.00	34.38 2.12 0.00	45.55 2.59 0.00	39.18 2.23 0.00
LUTHERNY_35_KV_BK2 355980	25.83 1.42 -1.90	26.27 1.43 0.00	26.42 1.47 0.00	26.35 1.45 0.00	24.77 1.31 0.00	21.51 1.14 0.00	24.91 1.40 0.00	24.53 1.42 0.00	26.60 1.53 0.00	26.91 1.58 0.00	31.16 1.68 0.00	30.83 1.72 0.00	30.21 1.76 0.00	29.80 1.67 0.00	30.81 1.80 0.00	31.22 1.90 0.00	31.80 1.93 0.00	39.80 2.55 0.00	33.96 2.27 0.00	32.63 2.29 0.00	29.64 2.13 0.00	34.41 2.15 0.00	45.62 2.66 0.00	39.22 2.27 0.00
LWR___OSWEGATCHIE_HYD 23850	22.25 -0.26 0.00	24.58 -0.26 0.00	24.77 -0.18 0.00	24.75 -0.16 0.00	23.41 -0.05 0.00	20.32 -0.05 0.00	23.53 0.02 0.00	23.16 0.05 0.00	25.05 -0.02 0.00	25.26 -0.08 -0.01	29.70 0.01 -0.20	29.07 -0.06 -0.03	28.30 -0.16 -0.01	27.80 -0.33 0.00	28.38 -0.64 0.00	28.42 -0.91 0.00	28.97 -0.91 0.00	36.01 -1.49 -0.25	30.50 -1.26 -0.07	29.28 -1.12 -0.05	26.78 -0.79 -0.06	32.58 -0.32 -0.64	43.70 0.20 -0.54	37.53 0.29 -0.29
LYONS_FALL_HYD 23570	22.79 0.28 0.00	25.12 0.28 0.00	25.25 0.30 0.00	25.22 0.31 0.00	23.80 0.34 0.00	20.66 0.28 0.00	23.91 0.41 0.00	23.57 0.45 0.00	25.60 0.53 0.00	25.92 0.58 0.00	30.35 0.72 -0.16	29.81 0.68 -0.02	29.05 0.58 -0.01	28.65 0.52 0.00	29.50 0.48 0.00	29.75 0.43 0.00	30.37 0.49 0.00	37.98 0.53 -0.20	32.25 0.51 -0.05	30.91 0.53 -0.04	28.12 0.57 -0.04	33.46 0.72 -0.49	44.33 0.96 -0.41	37.97 0.80 -0.22
MADISON___COUNTY_LFGE 323628	23.01 0.51 0.00	25.40 0.56 0.00	25.43 0.47 0.00	25.42 0.51 0.00	23.95 0.49 0.00	20.81 0.44 0.00	24.07 0.56 0.00	23.69 0.58 0.00	25.83 0.76 0.00	26.16 0.82 0.00	30.57 0.94 -0.14	30.07 0.95 -0.02	29.32 0.86 -0.01	28.99 0.85 0.00	29.97 0.96 0.00	30.28 0.96 0.00	30.92 1.05 0.00	38.76 1.31 -0.20	32.96 1.22 -0.05	31.56 1.18 -0.04	28.60 1.04 -0.04	33.80 1.05 -0.49	44.52 1.14 -0.42	38.10 0.93 -0.22
MALONE___115KV_TB1 356076	22.46 -0.05 0.00	24.95 0.11 0.00	25.31 0.36 0.00	25.41 0.50 0.00	24.10 0.64 0.00	20.87 0.50 0.00	24.18 0.67 0.00	23.77 0.66 0.00	25.80 0.73 0.00	25.94 0.61 0.00	30.15 0.67 0.00	29.75 0.65 0.00	29.06 0.61 0.00	28.67 0.54 0.00	29.31 0.30 0.00	29.51 0.19 0.00	30.03 0.16 0.00	36.97 -0.27 0.00	31.50 -0.18 0.00	30.20 -0.14 0.00	27.64 0.13 0.00	32.76 0.50 0.00	43.66 0.70 0.00	37.78 0.83 0.00
MAPLEWOD_115KV_TB3 80458	25.45 0.99 -1.96	25.84 1.00 0.00	25.97 1.02 0.00	25.92 1.01 0.00	24.38 0.92 0.00	21.17 0.80 0.00	24.49 0.98 0.00	24.10 0.99 0.00	26.16 1.09 0.00	26.48 1.15 0.00	30.71 1.23 0.00	30.37 1.27 0.00	29.74 1.29 0.00	29.39 1.26 0.00	30.38 1.37 0.00	30.73 1.41 0.00	31.28 1.41 0.00	39.11 1.86 0.00	33.37 1.68 0.00	31.99 1.65 0.00	29.02 1.51 0.00	33.75 1.49 0.00	44.74 1.78 0.00	38.48 1.53 0.00
MAPLE RIDGE_WT_1 323574	21.81 -0.70 0.00	24.28 -0.56 0.00	24.48 -0.47 0.00	24.50 -0.40 0.00	23.24 -0.22 0.00	20.14 -0.23 0.00	23.21 -0.30 0.00	22.87 -0.24 0.00	24.61 -0.46 0.00	24.94 -0.40 0.00	29.16 -0.31 0.00	28.75 -0.35 0.00	28.07 -0.38 0.00	27.71 -0.42 0.00	28.27 -0.74 0.00	28.60 -0.72 0.00	29.26 -0.61 0.00	36.26 -0.99 0.00	30.82 -0.86 0.00	29.56 -0.78 0.00	26.76 -0.75 0.00	31.64 -0.62 0.00	42.49 -0.47 0.00	36.69 -0.26 0.00

MAPLE_RIDGE_WT_2 323611	21.81 -0.70 0.00	24.28 -0.56 0.00	24.48 -0.47 0.00	24.50 -0.40 0.00	23.24 -0.22 0.00	20.14 -0.23 0.00	23.21 -0.30 0.00	22.87 -0.24 0.00	24.61 -0.46 0.00	24.94 -0.40 0.00	29.16 -0.31 0.00	28.75 -0.35 0.00	28.07 -0.38 0.00	27.71 -0.42 0.00	28.27 -0.74 0.00	28.60 -0.72 0.00	29.26 -0.61 0.00	36.26 -0.99 0.00	30.82 -0.86 0.00	29.56 -0.78 0.00	26.76 -0.75 0.00	31.64 -0.62 0.00	42.49 -0.47 0.00	36.69 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	22.25 -0.26 0.00	24.78 -0.06 0.00	25.16 0.21 0.00	25.30 0.39 0.00	24.00 0.53 0.00	20.78 0.41 0.00	24.05 0.54 0.00	23.62 0.51 0.00	25.62 0.55 0.00	25.76 0.43 0.00	29.91 0.44 0.00	29.47 0.37 0.00	28.81 0.35 0.00	28.47 0.33 0.00	29.15 0.14 0.00	29.49 0.17 0.00	29.95 0.08 0.00	37.06 -0.19 0.00	31.56 -0.13 0.00	30.23 -0.10 0.00	27.72 0.21 0.00	32.72 0.46 0.00	43.39 0.43 0.00	37.51 0.56 0.00
MARSHVLE_115KV_TB1 80742	25.68 1.83 -1.34	26.75 1.91 0.00	26.83 1.88 0.00	26.70 1.79 0.00	25.18 1.72 0.00	21.93 1.56 0.00	25.48 1.98 0.00	25.02 1.91 0.00	27.06 1.99 0.00	27.35 2.02 0.00	31.78 2.31 0.00	31.54 2.44 0.00	30.85 2.39 0.00	30.53 2.40 0.00	31.45 2.44 0.00	31.66 2.34 0.00	32.24 2.37 0.00	40.49 3.24 0.00	34.33 2.64 0.00	32.99 2.65 0.00	29.96 2.45 0.00	35.00 2.74 0.00	46.29 3.33 0.00	39.99 3.05 0.00
MARSH_HILL_WT_PWR 323713	22.99 0.48 0.00	25.17 0.33 0.00	25.12 0.17 0.00	24.93 0.03 0.00	23.25 -0.21 0.00	20.47 0.09 0.00	23.84 0.33 0.00	23.43 0.33 0.00	25.71 0.64 0.00	25.86 0.53 0.00	29.75 0.27 0.00	29.34 0.23 0.00	28.63 0.18 0.00	28.45 0.32 0.00	29.88 0.87 0.00	29.88 0.56 0.00	30.55 0.67 0.00	38.45 1.06 -0.14	32.67 0.94 -0.04	30.91 0.54 -0.03	28.12 0.58 -0.03	32.77 0.15 -0.36	43.54 0.27 -0.30	37.29 0.18 -0.16
MCINTYRE_115KV_TB2 80467	22.74 0.23 0.00	25.26 0.42 0.00	25.42 0.47 0.00	25.43 0.53 0.00	24.08 0.62 0.00	20.94 0.57 0.00	24.16 0.65 0.00	23.72 0.61 0.00	25.67 0.60 0.00	25.70 0.37 0.00	30.15 0.58 -0.09	29.66 0.55 -0.01	28.89 0.43 -0.01	28.40 0.27 0.00	28.91 -0.11 0.00	28.94 -0.37 0.00	29.54 -0.33 0.00	36.12 -1.24 -0.11	30.54 -1.17 -0.03	29.38 -0.98 -0.02	26.86 -0.68 -0.02	32.71 0.17 -0.28	44.18 0.98 -0.24	38.04 0.97 -0.12
MECO____69_KV_BK1 80468	26.28 2.28 -1.50	27.46 2.62 0.00	27.39 2.44 0.00	27.47 2.56 0.00	25.96 2.50 0.00	22.57 2.20 0.00	26.01 2.50 0.00	25.32 2.21 0.00	27.60 2.53 0.00	27.95 2.62 0.00	32.52 3.05 0.00	32.46 3.35 0.00	31.86 3.41 0.00	31.55 3.41 0.00	32.07 3.06 0.00	32.08 2.76 0.00	32.77 2.89 0.00	41.16 3.92 0.00	35.06 3.37 0.00	34.05 3.71 0.00	30.90 3.39 0.00	35.96 3.70 0.00	47.14 4.18 0.00	40.95 4.01 0.00
MENANDS__115KV_TB5 355628	25.24 0.75 -1.98	25.59 0.75 0.00	25.76 0.81 0.00	25.68 0.78 0.00	24.17 0.71 0.00	20.99 0.62 0.00	24.27 0.76 0.00	23.86 0.75 0.00	25.88 0.81 0.00	26.20 0.87 0.00	30.39 0.91 0.00	30.06 0.95 0.00	29.40 0.95 0.00	29.07 0.93 0.00	30.06 1.05 0.00	30.43 1.11 0.00	30.95 1.08 0.00	38.70 1.45 0.00	32.96 1.28 0.00	31.60 1.26 0.00	28.66 1.15 0.00	33.33 1.08 0.00	44.23 1.27 0.00	38.06 1.11 0.00
MG INDUSTRY___DRP 24185	24.99 0.74 -1.75	25.67 0.83 0.00	25.87 0.92 0.00	25.81 0.91 0.00	24.29 0.83 0.00	21.07 0.70 0.00	24.34 0.84 0.00	23.93 0.82 0.00	25.94 0.87 0.00	26.23 0.90 0.00	30.41 0.93 0.00	30.07 0.96 0.00	29.40 0.95 0.00	29.07 0.94 0.00	30.08 1.07 0.00	30.40 1.09 0.00	30.95 1.07 0.00	38.65 1.41 0.00	32.95 1.26 0.00	31.58 1.24 0.00	28.66 1.15 0.00	33.36 1.10 0.00	44.29 1.34 0.00	38.12 1.17 0.00
MID___OSWEGATCHIE_HYD 23849	22.25 -0.26 0.00	24.58 -0.26 0.00	24.77 -0.18 0.00	24.75 -0.16 0.00	23.41 -0.05 0.00	20.32 -0.05 0.00	23.53 0.02 0.00	23.16 0.05 0.00	25.05 -0.02 0.00	25.26 -0.08 -0.01	29.70 0.01 -0.20	29.07 -0.06 -0.03	28.30 -0.16 -0.01	27.80 -0.33 0.00	28.38 -0.64 0.00	28.42 -0.91 0.00	28.97 -0.91 0.00	36.01 -1.49 -0.25	30.50 -1.26 -0.07	29.28 -1.12 -0.05	26.78 -0.79 -0.06	32.58 -0.32 -0.64	43.70 0.20 -0.54	37.53 0.29 -0.29
MID___RAQUETTE_HYD 23851	22.34 -0.17 0.00	24.80 -0.04 0.00	24.98 0.03 0.00	25.00 0.10 0.00	23.68 0.21 0.00	20.57 0.19 0.00	23.73 0.22 0.00	23.31 0.20 0.00	25.21 0.14 0.00	25.35 0.02 0.00	29.72 0.13 -0.11	29.22 0.10 -0.01	28.46 0.00 -0.01	27.91 -0.22 0.00	28.31 -0.70 0.00	28.22 -1.09 0.00	28.75 -1.12 0.00	35.24 -2.14 -0.13	29.77 -1.95 -0.04	28.66 -1.71 -0.03	26.18 -1.36 -0.03	31.92 -0.67 -0.33	43.28 0.04 -0.28	37.37 0.28 -0.15
MILLIKEN___1 23584	22.99 0.48 0.00	25.33 0.49 0.00	25.33 0.38 0.00	25.28 0.37 0.00	23.79 0.33 0.00	20.72 0.35 0.00	24.01 0.51 0.00	23.66 0.55 0.00	25.74 0.67 0.00	26.11 0.77 -0.01	30.51 0.70 -0.33	29.81 0.66 -0.04	29.09 0.62 -0.02	28.79 0.66 0.00	29.97 0.96 0.00	30.20 0.89 0.00	30.73 0.86 0.00	38.94 1.26 -0.44	33.00 1.19 -0.12	31.54 1.11 -0.10	28.57 0.96 -0.10	34.29 0.91 -1.12	44.87 0.97 -0.95	38.25 0.80 -0.50
MILLIKEN___2 23585	22.99 0.48 0.00	25.33 0.49 0.00	25.33 0.38 0.00	25.28 0.37 0.00	23.79 0.33 0.00	20.72 0.35 0.00	24.01 0.51 0.00	23.66 0.55 0.00	25.74 0.67 0.00	26.11 0.77 -0.01	30.51 0.70 -0.33	29.81 0.66 -0.04	29.09 0.62 -0.02	28.79 0.66 0.00	29.97 0.96 0.00	30.20 0.89 0.00	30.73 0.86 0.00	38.94 1.26 -0.44	33.00 1.19 -0.12	31.54 1.11 -0.10	28.57 0.96 -0.10	34.29 0.91 -1.12	44.87 0.97 -0.95	38.25 0.80 -0.50
MILLIKEN___DIESEL 23629	22.99 0.48 0.00	25.33 0.49 0.00	25.33 0.38 0.00	25.28 0.37 0.00	23.79 0.33 0.00	20.72 0.35 0.00	24.01 0.51 0.00	23.66 0.55 0.00	25.74 0.67 0.00	26.11 0.77 -0.01	30.51 0.70 -0.33	29.81 0.66 -0.04	29.09 0.62 -0.02	28.79 0.66 0.00	29.97 0.96 0.00	30.20 0.89 0.00	30.73 0.86 0.00	38.94 1.26 -0.44	33.00 1.19 -0.12	31.54 1.11 -0.10	28.57 0.96 -0.10	34.29 0.91 -1.12	44.87 0.97 -0.95	38.25 0.80 -0.50
MILLSEAT___LFGE 323607	23.37 0.86 0.00	25.69 0.85 0.00	25.71 0.76 0.00	25.54 0.64 0.00	23.88 0.42 0.00	20.80 0.42 0.00	24.15 0.64 0.00	23.55 0.44 0.00	25.67 0.60 0.00	25.74 0.41 0.00	29.87 0.39 0.00	29.55 0.44 0.00	28.86 0.40 0.00	28.74 0.60 0.00	30.22 1.21 0.00	30.28 0.97 0.00	30.71 0.84 0.00	38.35 1.11 0.00	32.83 1.14 0.00	31.45 1.12 0.00	28.54 1.03 0.00	32.96 0.70 0.00	43.98 1.03 0.00	37.90 0.95 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.76 1.13 -7.13	25.82 0.98 0.00	25.90 0.95 0.00	25.80 0.89 0.00	24.26 0.80 0.00	21.12 0.74 0.00	24.49 0.99 0.00	24.16 1.06 0.00	26.20 1.13 0.00	26.61 1.28 0.00	30.89 1.41 0.00	30.51 1.40 0.00	29.88 1.43 0.00	29.61 1.48 0.00	30.91 1.90 0.00	31.40 2.08 0.00	31.96 2.09 0.00	40.02 2.78 0.00	33.93 2.25 0.00	32.40 2.06 0.00	29.29 1.78 0.00	34.01 1.76 0.00	44.78 1.82 0.00	38.58 1.63 0.00

MILLWOOD_13_KV_LOAD 356217	30.83 1.19 -7.13	25.89 1.05 0.00	25.96 1.01 0.00	25.86 0.95 0.00	24.31 0.85 0.00	21.16 0.79 0.00	24.56 1.05 0.00	24.23 1.12 0.00	26.28 1.21 0.00	26.70 1.37 0.00	30.99 1.51 0.00	30.62 1.52 0.00	29.99 1.53 0.00	29.70 1.57 0.00	31.01 2.00 0.00	31.50 2.18 0.00	32.08 2.21 0.00	40.17 2.92 0.00	34.06 2.37 0.00	32.50 2.16 0.00	29.40 1.88 0.00	34.13 1.87 0.00	44.92 1.96 0.00	38.68 1.73 0.00
MODEL_CITY_ENERGY 24167	22.78 0.27 0.00	25.05 0.21 0.00	25.08 0.14 0.00	24.93 0.02 0.00	23.28 -0.18 0.00	20.26 -0.11 0.00	23.47 -0.04 0.00	22.83 -0.28 0.00	24.89 -0.18 0.00	24.98 -0.35 0.00	28.90 -0.58 0.00	28.57 -0.53 0.00	27.91 -0.54 0.00	27.82 -0.31 0.00	29.27 0.26 0.00	29.33 0.01 0.00	29.73 -0.14 0.00	37.12 -0.13 0.00	31.76 0.08 0.00	30.45 0.11 0.00	27.63 0.11 0.00	31.87 -0.39 0.00	42.66 -0.30 0.00	36.84 -0.11 0.00
MODERN_LFGE_ 323580	22.78 0.27 0.00	25.05 0.21 0.00	25.08 0.14 0.00	24.93 0.02 0.00	23.28 -0.18 0.00	20.26 -0.11 0.00	23.47 -0.04 0.00	22.83 -0.28 0.00	24.89 -0.18 0.00	24.98 -0.35 0.00	28.90 -0.58 0.00	28.57 -0.53 0.00	27.91 -0.54 0.00	27.82 -0.31 0.00	29.27 0.26 0.00	29.33 0.01 0.00	29.73 -0.14 0.00	37.12 -0.13 0.00	31.76 0.08 0.00	30.45 0.11 0.00	27.63 0.11 0.00	31.87 -0.39 0.00	42.66 -0.30 0.00	36.84 -0.11 0.00
MOHAWK_PAPER___DRP 24187	25.45 0.99 -1.96	25.84 1.00 0.00	25.97 1.02 0.00	25.92 1.01 0.00	24.38 0.92 0.00	21.17 0.80 0.00	24.49 0.98 0.00	24.10 0.99 0.00	26.16 1.09 0.00	26.48 1.15 0.00	30.71 1.23 0.00	30.37 1.27 0.00	29.74 1.29 0.00	29.39 1.26 0.00	30.38 1.37 0.00	30.73 1.41 0.00	31.28 1.41 0.00	39.11 1.86 0.00	33.37 1.68 0.00	31.99 1.65 0.00	29.02 1.51 0.00	33.75 1.49 0.00	44.74 1.78 0.00	38.48 1.53 0.00
MOHICAN__35_KV_115KV_LD 80490	25.92 1.53 -1.89	26.37 1.53 0.00	26.48 1.53 0.00	26.40 1.50 0.00	24.84 1.38 0.00	21.61 1.24 0.00	25.05 1.54 0.00	24.67 1.56 0.00	26.77 1.70 0.00	27.05 1.72 0.00	31.21 1.73 0.00	30.94 1.83 0.00	30.30 1.85 0.00	29.82 1.68 0.00	30.85 1.84 0.00	31.29 1.97 0.00	31.79 1.92 0.00	39.82 2.57 0.00	34.10 2.41 0.00	32.67 2.33 0.00	29.84 2.33 0.00	34.61 2.35 0.00	45.84 2.88 0.00	39.45 2.50 0.00
MONGAUP___HYD 23641	17.98 1.05 5.59	25.80 0.96 0.00	25.88 0.93 0.00	25.84 0.94 0.00	24.32 0.86 0.00	21.12 0.74 0.00	24.43 0.93 0.00	24.09 0.98 0.00	26.18 1.11 0.00	26.64 1.31 0.00	30.94 1.46 0.00	30.58 1.48 0.00	29.82 1.37 0.00	29.42 1.29 0.00	30.60 1.59 0.00	31.13 1.81 0.00	31.67 1.80 0.00	39.54 2.29 0.00	33.55 1.86 0.00	32.00 1.66 0.00	28.95 1.44 0.00	33.65 1.39 0.00	44.45 1.49 0.00	38.45 1.50 0.00
MONTAUK___DIESEL 23721	187.93 3.54 -161.88	51.25 3.45 -22.96	44.73 3.43 -16.34	28.02 3.12 0.00	26.12 2.66 0.00	22.75 2.38 0.00	26.73 3.23 0.00	26.37 3.26 0.00	28.63 3.56 0.00	29.90 3.72 -0.86	34.21 4.19 -0.54	33.02 3.92 0.00	32.54 4.09 0.00	33.16 4.27 -0.76	51.29 5.02 -17.26	215.89 5.04 -181.53	216.82 4.74 -182.20	198.26 6.63 -154.39	274.02 5.54 -236.79	108.49 5.06 -73.10	136.55 4.57 -104.47	77.74 5.04 -40.45	51.68 6.84 -1.88	42.52 5.56 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.40 0.90 0.00	25.60 0.76 0.00	25.51 0.56 0.00	25.35 0.45 0.00	23.70 0.24 0.00	20.56 0.19 0.00	24.05 0.55 0.00	23.55 0.44 0.00	25.59 0.52 0.00	25.86 0.53 0.00	30.15 0.67 0.00	29.91 0.81 0.00	29.06 0.60 0.00	29.01 0.87 0.00	30.50 1.49 0.00	30.28 0.96 0.00	30.64 0.77 0.00	37.93 0.69 0.00	32.43 0.74 0.00	31.29 0.95 0.00	28.21 0.70 0.00	32.38 0.12 0.00	43.31 0.36 0.00	37.54 0.59 0.00
MORTIMER_115KV_TB3 55949	22.93 0.42 0.00	25.26 0.42 0.00	25.26 0.31 0.00	25.11 0.21 0.00	23.52 0.06 0.00	20.49 0.12 0.00	23.77 0.26 0.00	23.25 0.14 0.00	25.30 0.23 0.00	25.49 0.16 0.00	29.56 0.17 0.09	29.34 0.24 0.01	28.66 0.21 0.01	28.49 0.36 0.00	29.79 0.78 0.00	30.02 0.70 0.00	30.53 0.65 0.00	38.25 1.01 0.00	32.65 0.97 0.00	31.23 0.90 0.00	28.25 0.74 0.00	32.76 0.50 0.00	43.60 0.65 0.00	37.51 0.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.02 1.26 -12.25	25.96 1.12 0.00	26.02 1.07 0.00	25.90 0.99 0.00	24.35 0.89 0.00	21.21 0.84 0.00	24.62 1.11 0.00	24.30 1.19 0.00	26.34 1.27 0.00	26.76 1.43 0.00	31.05 1.57 0.00	30.66 1.56 0.00	30.04 1.59 0.00	29.77 1.64 0.00	31.10 2.09 0.00	31.61 2.30 0.00	32.18 2.30 0.00	40.29 3.04 0.00	34.13 2.44 0.00	32.55 2.21 0.00	29.42 1.91 0.00	34.17 1.91 0.00	44.94 1.98 0.00	38.70 1.75 0.00
MUNSVILLE_WIND_PWR 323609	24.09 1.58 0.00	26.38 1.54 0.00	26.29 1.34 0.00	26.34 1.43 0.00	24.90 1.44 0.00	21.73 1.35 0.00	25.28 1.77 0.00	24.90 1.80 0.00	27.20 2.13 0.00	27.62 2.28 -0.01	32.12 2.43 -0.20	31.62 2.49 -0.03	30.58 2.11 -0.01	30.16 2.03 0.00	31.37 2.36 0.00	31.69 2.37 0.00	32.46 2.58 0.00	40.87 3.34 -0.28	34.94 3.18 -0.08	33.18 2.78 -0.06	30.29 2.71 -0.06	35.84 2.87 -0.72	46.98 3.41 -0.60	39.85 2.59 -0.32
N SALMON___HYD 24042	22.45 -0.06 0.00	24.96 0.12 0.00	25.31 0.36 0.00	25.41 0.50 0.00	24.10 0.64 0.00	20.87 0.50 0.00	24.18 0.67 0.00	23.77 0.66 0.00	25.79 0.72 0.00	25.94 0.61 0.00	30.15 0.67 0.00	29.75 0.65 0.00	29.06 0.61 0.00	28.67 0.54 0.00	29.31 0.30 0.00	29.51 0.19 0.00	30.03 0.16 0.00	36.97 -0.27 0.00	31.50 -0.18 0.00	30.20 -0.14 0.00	27.65 0.13 0.00	32.76 0.50 0.00	43.66 0.70 0.00	37.78 0.84 0.00
N.AKRON__115KV_KNAPP 355671	23.29 0.78 0.00	25.71 0.87 0.00	25.65 0.70 0.00	25.49 0.58 0.00	23.82 0.36 0.00	20.75 0.38 0.00	24.08 0.58 0.00	23.46 0.35 0.00	25.60 0.53 0.00	25.68 0.34 0.00	29.77 0.29 0.00	29.44 0.34 0.00	28.76 0.31 0.00	28.64 0.51 0.00	30.11 1.10 0.00	30.20 0.89 0.00	30.61 0.74 0.00	38.20 0.95 0.00	32.69 1.00 0.00	31.32 0.98 0.00	28.42 0.90 0.00	32.80 0.55 0.00	43.82 0.86 0.00	37.80 0.85 0.00
N.BELMOR_69_KV_BK1 55787	186.21 1.81 -161.88	49.50 1.70 -22.96	42.95 1.65 -16.34	26.44 1.54 0.00	24.74 1.28 0.00	21.53 1.16 0.00	25.10 1.60 0.00	24.78 1.67 0.00	26.92 1.85 0.00	28.11 1.92 -0.86	32.13 2.11 -0.54	31.01 1.90 0.00	30.50 2.05 0.00	31.01 2.12 -0.76	48.86 2.59 -17.26	89.72 2.78 -57.63	164.98 2.82 -132.29	186.08 3.68 -145.16	271.51 3.04 -236.79	106.23 2.79 -73.10	134.46 2.48 -104.47	75.26 2.55 -40.45	47.86 3.01 -1.88	39.57 2.61 -0.01
N.E_GEN_SANDY PD 24062	60.44 1.02 -36.91	41.57 1.01 -15.73	42.00 1.02 -16.03	39.56 1.00 -13.65	37.46 0.90 -13.11	33.98 0.77 -12.84	35.83 0.96 -11.35	51.17 0.98 -27.08	63.70 1.03 -37.59	74.75 1.11 -48.31	83.43 1.19 -52.76	79.37 1.19 -49.07	42.28 1.20 -12.63	41.57 1.22 -12.22	41.83 1.45 -11.37	40.41 1.55 -9.54	41.12 1.53 -9.72	45.84 2.05 -6.54	39.68 1.71 -6.29	43.22 1.63 -11.25	40.77 1.46 -11.79	39.94 1.43 -6.25	46.04 1.61 -1.47	40.81 1.45 -2.41

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	15.99 1.01 7.53	25.69 0.85 0.00	25.76 0.81 0.00	25.66 0.76 0.00	24.15 0.69 0.00	21.01 0.64 0.00	24.36 0.85 0.00	24.04 0.93 0.00	26.08 1.00 0.00	26.49 1.16 0.00	30.77 1.29 0.00	30.41 1.30 0.00	29.78 1.33 0.00	29.49 1.36 0.00	30.82 1.81 0.00	31.32 2.00 0.00	31.87 1.99 0.00	39.91 2.66 0.00	33.84 2.15 0.00	32.31 1.97 0.00	29.22 1.71 0.00	33.93 1.67 0.00	44.64 1.68 0.00	38.47 1.53 0.00
N.QUEENS_27_KV_LOAD 356247	35.91 1.29 -12.11	26.01 1.17 0.00	26.03 1.08 0.00	25.87 0.97 0.00	24.34 0.88 0.00	21.23 0.86 0.00	24.62 1.11 0.00	24.27 1.16 0.00	26.32 1.25 0.00	26.73 1.40 0.00	30.98 1.50 0.00	30.61 1.51 0.00	29.98 1.53 0.00	29.72 1.59 0.00	31.11 2.10 0.00	31.61 2.30 0.00	32.16 2.29 0.00	40.26 3.02 0.00	34.11 2.42 0.00	32.55 2.21 0.00	29.43 1.92 0.00	34.18 1.92 0.00	44.91 1.95 0.00	38.74 1.80 0.00
N.TROY___115KV_TB1 355778	25.59 1.07 -2.02	25.92 1.08 0.00	26.08 1.13 0.00	26.01 1.11 0.00	24.46 1.00 0.00	21.23 0.86 0.00	24.53 1.03 0.00	24.12 1.01 0.00	26.18 1.11 0.00	26.48 1.15 0.00	30.69 1.22 0.00	30.37 1.27 0.00	29.73 1.28 0.00	29.38 1.24 0.00	30.38 1.37 0.00	30.76 1.44 0.00	31.26 1.39 0.00	39.09 1.85 0.00	33.31 1.63 0.00	31.96 1.63 0.00	29.02 1.51 0.00	33.75 1.49 0.00	44.75 1.79 0.00	38.53 1.58 0.00
NARROWS_GT1_1 24228	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT1_2 24229	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT1_3 24230	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT1_4 24231	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT1_5 24232	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT1_6 24233	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT1_7 24234	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT1_8 24235	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT2_1 24236	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT2_2 24237	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT2_3 24238	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT2_4 24239	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00

NARROWS_GT2_5 24240	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT2_6 24241	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT2_7 24242	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NARROWS_GT2_8 24243	35.97 1.34 -12.11	26.06 1.22 0.00	26.09 1.14 0.00	25.95 1.05 0.00	24.40 0.94 0.00	21.27 0.90 0.00	24.70 1.19 0.00	24.36 1.25 0.00	26.41 1.34 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.73 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.17 2.16 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.65 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.98 2.02 0.00	38.72 1.77 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.98 1.10 -1.37	26.08 1.24 0.00	26.30 1.35 0.00	26.22 1.31 0.00	24.68 1.22 0.00	21.45 1.08 0.00	24.79 1.28 0.00	24.42 1.31 0.00	26.42 1.35 0.00	26.71 1.38 0.00	30.96 1.48 0.00	30.72 1.61 0.00	29.96 1.51 0.00	29.56 1.43 0.00	30.53 1.52 0.00	30.71 1.39 0.00	31.24 1.37 0.00	39.16 1.91 0.00	33.47 1.78 0.00	32.16 1.82 0.00	29.26 1.75 0.00	34.04 1.78 0.00	45.13 2.17 0.00	38.75 1.80 0.00
NCHELSEA_115KV_TR2 355582	25.43 1.30 -1.63	26.03 1.19 0.00	26.11 1.16 0.00	26.02 1.11 0.00	24.47 1.01 0.00	21.28 0.91 0.00	24.70 1.20 0.00	24.37 1.26 0.00	26.45 1.38 0.00	26.85 1.52 0.00	31.17 1.69 0.00	30.80 1.70 0.00	30.15 1.73 0.00	29.87 1.73 0.00	31.12 2.11 0.00	31.62 2.30 0.00	32.22 2.34 0.00	40.34 3.09 0.00	34.23 2.55 0.00	32.70 2.37 0.00	29.58 2.06 0.00	34.32 2.06 0.00	45.22 2.26 0.00	38.91 1.96 0.00
NEG CAPITAL___MECHNVIL 23645	25.90 1.45 -1.94	26.32 1.48 0.00	26.44 1.49 0.00	26.38 1.48 0.00	24.81 1.35 0.00	21.56 1.19 0.00	24.94 1.43 0.00	24.55 1.44 0.00	26.65 1.58 0.00	26.96 1.63 0.00	31.22 1.75 0.00	30.94 1.83 0.00	30.30 1.85 0.00	29.92 1.79 0.00	30.91 1.90 0.00	31.31 1.99 0.00	31.86 1.99 0.00	39.88 2.63 0.00	34.04 2.35 0.00	32.66 2.32 0.00	29.67 2.15 0.00	34.45 2.19 0.00	45.64 2.68 0.00	39.25 2.30 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.44 -0.07 0.00	24.68 -0.16 0.00	24.70 -0.25 0.00	24.59 -0.31 0.00	23.07 -0.39 0.00	20.10 -0.27 0.00	23.31 -0.19 0.00	22.87 -0.24 0.00	24.89 -0.18 0.00	25.14 -0.19 0.00	29.32 -0.25 -0.09	28.95 -0.17 -0.01	28.29 -0.17 -0.01	28.09 -0.04 0.00	29.35 0.34 0.00	29.55 0.24 0.00	30.09 0.22 0.00	37.87 0.44 -0.17	32.17 0.44 -0.05	30.73 0.36 -0.04	27.78 0.23 -0.04	32.64 -0.06 -0.45	43.11 -0.22 -0.38	36.92 -0.23 -0.20
NEG CENTRAL___DRP 24199	22.75 0.24 0.00	25.05 0.21 0.00	25.05 0.10 0.00	24.96 0.06 0.00	23.45 -0.01 0.00	20.45 0.08 0.00	23.75 0.24 0.00	23.33 0.22 0.00	25.39 0.32 0.00	25.68 0.34 -0.01	30.02 0.23 -0.31	29.35 0.21 -0.04	28.71 0.24 -0.02	28.43 0.30 0.00	29.70 0.69 0.00	29.92 0.61 0.00	30.53 0.66 0.00	38.63 0.96 -0.43	32.65 0.85 -0.12	31.22 0.78 -0.09	28.30 0.69 -0.09	33.81 0.46 -1.09	44.30 0.42 -0.92	37.77 0.33 -0.48
NEG CENTRAL___INDECK 23768	23.01 0.50 0.00	25.27 0.43 0.00	25.23 0.28 0.00	25.03 0.13 0.00	23.38 -0.08 0.00	20.50 0.12 0.00	23.89 0.38 0.00	23.39 0.28 0.00	25.14 0.07 0.00	25.15 -0.18 0.00	29.20 -0.28 0.00	28.93 -0.18 0.00	28.33 -0.12 0.00	28.04 -0.09 0.00	29.42 0.41 0.00	30.22 0.90 0.00	31.02 1.15 0.00	38.81 1.56 0.00	33.21 1.52 0.00	31.76 1.42 0.00	29.07 1.55 0.00	33.75 1.49 0.00	44.91 1.95 0.00	38.54 1.59 0.00
NEG CENTRAL___SENECA 23627	22.89 0.38 0.00	25.22 0.38 0.00	25.18 0.23 0.00	25.11 0.20 0.00	23.57 0.11 0.00	20.56 0.19 0.00	23.90 0.39 0.00	23.49 0.38 0.00	25.62 0.55 0.00	25.87 0.53 0.00	30.03 0.41 -0.14	29.55 0.43 -0.02	28.91 0.45 -0.01	28.64 0.51 0.00	29.98 0.96 0.00	30.18 0.86 0.00	30.80 0.93 0.00	38.68 1.20 -0.23	32.81 1.07 -0.06	31.37 0.98 -0.05	28.47 0.90 -0.05	33.42 0.58 -0.58	44.08 0.63 -0.49	37.72 0.52 -0.26
NEG CENTRAL___STATE_STREET 24147	22.93 0.42 0.00	25.20 0.36 0.00	25.29 0.33 0.00	25.06 0.16 0.00	23.58 0.12 0.00	20.58 0.21 0.00	23.96 0.45 0.00	23.51 0.40 0.00	25.42 0.35 0.00	25.77 0.43 -0.01	30.33 0.38 -0.47	29.44 0.27 -0.06	28.79 0.30 -0.03	28.55 0.42 0.00	29.75 0.74 0.00	29.92 0.59 0.00	30.50 0.63 0.00	39.12 1.27 -0.60	32.97 1.12 -0.16	31.53 1.06 -0.13	28.47 0.83 -0.13	34.57 0.78 -1.54	45.03 0.77 -1.30	38.28 0.65 -0.68
NEG MILLWOOD___DRP 24198	27.62 1.39 -3.73	26.11 1.28 0.00	26.19 1.24 0.00	26.08 1.18 0.00	24.53 1.07 0.00	21.34 0.97 0.00	24.80 1.29 0.00	24.48 1.37 0.00	26.56 1.49 0.00	26.97 1.64 0.00	31.31 1.84 0.00	30.95 1.84 0.00	30.31 1.86 0.00	30.01 1.88 0.00	31.28 2.27 0.00	31.79 2.47 0.00	32.39 2.51 0.00	40.58 3.33 0.00	34.42 2.74 0.00	32.87 2.53 0.00	29.72 2.21 0.00	34.48 2.22 0.00	45.41 2.45 0.00	39.07 2.12 0.00
NEG NORTH_FLCN_SEA 23793	22.49 -0.02 0.00	25.02 0.18 0.00	25.44 0.49 0.00	25.58 0.68 0.00	24.24 0.78 0.00	20.99 0.62 0.00	24.30 0.79 0.00	23.84 0.73 0.00	25.83 0.76 0.00	25.97 0.64 0.00	30.10 0.62 0.00	29.64 0.54 0.00	29.00 0.55 0.00	28.67 0.54 0.00	29.37 0.36 0.00	29.76 0.44 0.00	30.22 0.35 0.00	37.43 0.18 0.00	31.87 0.18 0.00	30.52 0.18 0.00	28.08 0.57 0.00	33.12 0.86 0.00	43.91 0.95 0.00	37.95 1.00 0.00
NEG NORTH_KES_CHATEGAY 23792	22.26 -0.24 0.00	24.74 -0.10 0.00	25.16 0.21 0.00	25.29 0.38 0.00	23.99 0.53 0.00	20.76 0.39 0.00	24.05 0.54 0.00	23.63 0.52 0.00	25.63 0.56 0.00	25.77 0.43 0.00	29.93 0.45 0.00	29.50 0.39 0.00	28.82 0.37 0.00	28.46 0.33 0.00	29.13 0.12 0.00	29.45 0.13 0.00	29.93 0.05 0.00	37.01 -0.24 0.00	31.52 -0.17 0.00	30.20 -0.14 0.00	27.69 0.18 0.00	32.69 0.44 0.00	43.33 0.37 0.00	37.47 0.52 0.00



NEG NORTH___ALICE_FALLS 23915	22.49 -0.02 0.00	25.01 0.17 0.00	25.42 0.47 0.00	25.57 0.66 0.00	24.24 0.78 0.00	20.99 0.62 0.00	24.32 0.82 0.00	23.89 0.78 0.00	25.91 0.83 0.00	26.03 0.70 0.00	30.16 0.68 0.00	29.73 0.62 0.00	29.08 0.63 0.00	28.75 0.62 0.00	29.48 0.47 0.00	29.87 0.55 0.00	30.36 0.48 0.00	37.54 0.30 0.00	32.00 0.31 0.00	30.63 0.30 0.00	28.14 0.63 0.00	33.16 0.91 0.00	43.93 0.97 0.00	37.97 1.02 0.00
NEG NORTH___LWR_SARANAC 23913	22.49 -0.02 0.00	25.01 0.17 0.00	25.42 0.47 0.00	25.57 0.66 0.00	24.24 0.78 0.00	20.99 0.62 0.00	24.32 0.82 0.00	23.89 0.78 0.00	25.91 0.83 0.00	26.03 0.70 0.00	30.16 0.68 0.00	29.73 0.62 0.00	29.08 0.63 0.00	28.75 0.62 0.00	29.48 0.47 0.00	29.87 0.55 0.00	30.36 0.48 0.00	37.54 0.30 0.00	32.00 0.31 0.00	30.63 0.30 0.00	28.14 0.63 0.00	33.16 0.91 0.00	43.93 0.97 0.00	37.97 1.02 0.00
NEG NORTH___PLATTSBURG 23628	22.48 -0.03 0.00	25.04 0.20 0.00	25.42 0.47 0.00	25.57 0.66 0.00	24.24 0.78 0.00	21.00 0.63 0.00	24.33 0.82 0.00	23.89 0.78 0.00	25.91 0.84 0.00	26.03 0.70 0.00	30.16 0.68 0.00	29.73 0.62 0.00	29.08 0.63 0.00	28.75 0.62 0.00	29.48 0.46 0.00	29.87 0.55 0.00	30.36 0.48 0.00	37.54 0.29 0.00	32.00 0.31 0.00	30.63 0.30 0.00	28.14 0.63 0.00	33.17 0.91 0.00	43.93 0.97 0.00	37.98 1.03 0.00
NEG WEST_LEA_LOCKPORT 23791	22.98 0.48 0.00	25.38 0.54 0.00	25.33 0.38 0.00	25.17 0.27 0.00	23.50 0.04 0.00	20.47 0.10 0.00	23.74 0.23 0.00	23.09 -0.02 0.00	25.18 0.11 0.00	25.27 -0.07 0.00	29.24 -0.24 0.00	28.91 -0.20 0.00	28.23 -0.22 0.00	28.12 -0.01 0.00	29.58 0.56 0.00	29.65 0.33 0.00	30.07 0.20 0.00	37.54 0.29 0.00	32.11 0.43 0.00	30.78 0.44 0.00	27.91 0.40 0.00	32.21 -0.05 0.00	43.11 0.15 0.00	37.24 0.29 0.00
NEG WEST___LANCASTR 23811	23.06 0.55 0.00	25.42 0.58 0.00	25.35 0.40 0.00	25.24 0.33 0.00	23.58 0.12 0.00	20.56 0.18 0.00	23.90 0.39 0.00	23.35 0.24 0.00	25.47 0.39 0.00	25.62 0.29 0.00	29.53 0.05 0.00	29.27 0.16 0.00	28.54 0.09 0.00	28.37 0.24 0.00	29.83 0.82 0.00	29.91 0.59 0.00	30.43 0.55 0.00	37.95 0.70 0.00	32.34 0.66 0.00	30.99 0.65 0.00	28.03 0.52 0.00	32.36 0.10 0.00	43.29 0.33 0.00	37.38 0.43 0.00
NEG_PENN_ALLEGHNY 23528	22.87 0.36 0.00	25.16 0.32 0.00	25.18 0.23 0.00	25.15 0.25 0.00	23.63 0.17 0.00	20.54 0.17 0.00	23.84 0.33 0.00	23.44 0.33 0.00	25.50 0.43 0.00	25.79 0.45 -0.01	30.04 0.37 -0.19	29.52 0.39 -0.02	28.81 0.35 -0.01	28.53 0.40 0.00	29.74 0.72 0.00	30.02 0.70 0.00	30.61 0.74 0.00	38.59 1.08 -0.26	32.65 0.90 -0.07	31.21 0.81 -0.06	28.27 0.70 -0.06	33.46 0.53 -0.67	44.11 0.59 -0.56	37.76 0.51 -0.30
NEG___GEN_MONROE 24207	23.06 0.56 0.00	25.52 0.68 0.00	25.50 0.55 0.00	25.35 0.45 0.00	23.71 0.25 0.00	20.68 0.30 0.00	24.00 0.49 0.00	23.42 0.30 0.00	25.49 0.42 0.00	25.65 0.32 0.00	29.83 0.35 0.00	29.55 0.44 0.00	28.86 0.41 0.00	28.68 0.55 0.00	30.03 1.02 0.00	30.26 0.94 0.00	30.75 0.88 0.00	38.31 1.06 0.00	32.75 1.06 0.00	31.35 1.02 0.00	28.37 0.86 0.00	32.87 0.61 0.00	43.76 0.80 0.00	37.71 0.76 0.00
NEPA___ENERGY 23901	23.00 0.49 0.00	25.29 0.45 0.00	25.19 0.24 0.00	25.09 0.18 0.00	23.45 0.00 0.00	20.46 0.09 0.00	23.87 0.36 0.00	23.33 0.22 0.00	25.38 0.31 0.00	25.59 0.25 0.00	29.59 0.11 0.00	29.26 0.16 0.00	28.52 0.07 0.00	28.33 0.19 0.00	29.85 0.84 0.00	29.89 0.57 0.00	30.40 0.53 0.00	37.98 0.74 0.00	32.36 0.67 0.00	31.03 0.70 0.00	28.03 0.52 0.00	32.33 0.08 0.00	43.14 0.18 0.00	37.28 0.33 0.00
NEVERSink___HYD 23608	22.11 0.84 1.24	25.53 0.69 0.00	25.58 0.64 0.00	25.49 0.58 0.00	23.97 0.52 0.00	20.85 0.47 0.00	24.17 0.66 0.00	23.86 0.75 0.00	26.05 0.98 0.00	26.50 1.17 0.00	30.79 1.31 0.00	30.43 1.32 0.00	29.74 1.28 0.00	29.44 1.31 0.00	30.64 1.63 0.00	31.14 1.82 0.00	31.82 1.95 0.00	39.76 2.51 0.00	33.73 2.05 0.00	32.24 1.90 0.00	29.14 1.63 0.00	33.87 1.61 0.00	44.61 1.65 0.00	38.37 1.42 0.00
NEWKRMKL_115KV_TB1 55635	25.06 0.61 -1.94	25.45 0.61 0.00	25.63 0.68 0.00	25.55 0.65 0.00	24.06 0.59 0.00	20.91 0.53 0.00	24.15 0.64 0.00	23.76 0.65 0.00	25.75 0.68 0.00	26.08 0.75 0.00	30.26 0.78 0.00	29.94 0.83 0.00	29.29 0.84 0.00	28.95 0.82 0.00	29.95 0.93 0.00	30.31 0.99 0.00	30.85 0.98 0.00	38.53 1.29 0.00	32.83 1.14 0.00	31.46 1.12 0.00	28.54 1.02 0.00	33.18 0.92 0.00	44.00 1.04 0.00	37.86 0.91 0.00
NEWTON___FALLS_HYD 23847	22.25 -0.26 0.00	24.58 -0.26 0.00	24.77 -0.18 0.00	24.75 -0.16 0.00	23.41 -0.05 0.00	20.32 -0.05 0.00	23.53 0.02 0.00	23.16 0.05 0.00	25.05 -0.02 0.00	25.26 -0.08 -0.01	29.70 0.01 -0.20	29.07 -0.06 -0.03	28.30 -0.16 -0.01	27.80 -0.33 0.00	28.38 -0.64 0.00	28.42 -0.91 0.00	28.97 -0.91 0.00	36.01 -1.49 -0.25	30.50 -1.26 -0.07	29.28 -1.12 -0.05	26.78 -0.79 -0.06	32.58 -0.32 -0.64	43.70 0.20 -0.54	37.53 0.29 -0.29
NGRID_A1_DSASP 323792	22.77 0.26 0.00	25.14 0.30 0.00	25.17 0.22 0.00	25.01 0.11 0.00	23.34 -0.12 0.00	20.31 -0.06 0.00	23.53 0.03 0.00	22.77 -0.34 0.00	24.77 -0.30 0.00	24.89 -0.44 0.00	28.67 -0.81 0.00	28.30 -0.80 0.00	27.65 -0.81 0.00	27.54 -0.60 0.00	29.00 -0.01 0.00	29.04 -0.27 0.00	29.45 -0.42 0.00	36.80 -0.45 0.00	31.48 -0.21 0.00	30.17 -0.17 0.00	27.38 -0.14 0.00	31.58 -0.68 0.00	42.29 -0.67 0.00	36.83 -0.12 0.00
NGRID_A2_DSASP 323793	22.77 0.26 0.00	25.14 0.30 0.00	25.17 0.22 0.00	25.01 0.11 0.00	23.34 -0.12 0.00	20.31 -0.06 0.00	23.53 0.03 0.00	22.77 -0.34 0.00	24.77 -0.30 0.00	24.89 -0.44 0.00	28.67 -0.81 0.00	28.30 -0.80 0.00	27.65 -0.81 0.00	27.54 -0.60 0.00	29.00 -0.01 0.00	29.04 -0.27 0.00	29.45 -0.42 0.00	36.80 -0.45 0.00	31.48 -0.21 0.00	30.17 -0.17 0.00	27.38 -0.14 0.00	31.58 -0.68 0.00	42.29 -0.67 0.00	36.83 -0.12 0.00
NGRID_A4_DSASP 323807	22.75 0.25 0.00	25.20 0.36 0.00	25.16 0.21 0.00	25.02 0.11 0.00	23.34 -0.12 0.00	20.32 -0.05 0.00	23.54 0.04 0.00	22.76 -0.35 0.00	24.78 -0.29 0.00	24.88 -0.45 0.00	28.67 -0.81 0.00	28.30 -0.80 0.00	27.64 -0.81 0.00	27.54 -0.59 0.00	28.98 -0.03 0.00	29.05 -0.27 0.00	29.45 -0.42 0.00	36.79 -0.46 0.00	31.47 -0.21 0.00	30.17 -0.17 0.00	27.36 -0.15 0.00	31.57 -0.68 0.00	42.31 -0.65 0.00	36.85 -0.10 0.00
NIAGARA_115E_LBMP 323715	22.66 0.15 0.00	24.92 0.08 0.00	24.96 0.01 0.00	24.79 -0.11 0.00	23.16 -0.30 0.00	20.15 -0.23 0.00	23.33 -0.17 0.00	22.68 -0.42 0.00	24.72 -0.35 0.00	24.82 -0.51 0.00	28.71 -0.77 0.00	28.39 -0.72 0.00	27.73 -0.72 0.00	27.63 -0.50 0.00	29.09 0.08 0.00	29.14 -0.18 0.00	29.54 -0.33 0.00	36.88 -0.36 0.00	31.56 -0.13 0.00	30.26 -0.08 0.00	27.46 -0.05 0.00	31.66 -0.59 0.00	42.41 -0.55 0.00	36.62 -0.33 0.00

NIAGARA_115W_LBMP 323714	22.72 0.21 0.00	25.09 0.25 0.00	25.13 0.18 0.00	24.97 0.06 0.00	23.30 -0.16 0.00	20.28 -0.09 0.00	23.49 -0.02 0.00	22.72 -0.39 0.00	24.72 -0.35 0.00	24.83 -0.50 0.00	28.60 -0.88 0.00	28.22 -0.88 0.00	27.57 -0.88 0.00	27.46 -0.67 0.00	28.91 -0.10 0.00	28.97 -0.35 0.00	29.37 -0.50 0.00	36.69 -0.56 0.00	31.38 -0.30 0.00	30.08 -0.26 0.00	27.30 -0.21 0.00	31.49 -0.77 0.00	42.19 -0.77 0.00	36.76 -0.19 0.00
NIAGARA_230_LBMP 323716	22.77 0.26 0.00	25.06 0.23 0.00	25.10 0.15 0.00	24.95 0.04 0.00	23.29 -0.17 0.00	20.27 -0.10 0.00	23.49 -0.02 0.00	22.83 -0.28 0.00	24.86 -0.21 0.00	24.98 -0.35 0.00	28.91 -0.57 0.00	28.56 -0.54 0.00	27.88 -0.57 0.00	27.74 -0.39 0.00	29.20 0.18 0.00	29.26 -0.06 0.00	29.71 -0.16 0.00	37.13 -0.11 0.00	31.75 0.06 0.00	30.41 0.07 0.00	27.56 0.05 0.00	31.83 -0.43 0.00	42.60 -0.36 0.00	36.86 -0.09 0.00
NIAGARA__115KV_198_GIBSON 55903	22.71 0.20 0.00	25.16 0.32 0.00	25.12 0.17 0.00	24.97 0.07 0.00	23.30 -0.16 0.00	20.28 -0.09 0.00	23.50 0.00 0.00	22.71 -0.40 0.00	24.72 -0.34 0.00	24.82 -0.51 0.00	28.59 -0.89 0.00	28.22 -0.88 0.00	27.57 -0.88 0.00	27.46 -0.67 0.00	28.90 -0.11 0.00	28.96 -0.36 0.00	29.36 -0.51 0.00	36.68 -0.56 0.00	31.38 -0.31 0.00	30.08 -0.26 0.00	27.29 -0.23 0.00	31.48 -0.77 0.00	42.20 -0.76 0.00	36.78 -0.17 0.00
NIAGARA____ 23760	22.69 0.18 0.00	24.99 0.16 0.00	25.03 0.08 0.00	24.87 -0.03 0.00	23.23 -0.23 0.00	20.20 -0.16 0.00	23.42 -0.09 0.00	22.76 -0.34 0.00	24.79 -0.28 0.00	24.91 -0.42 0.00	28.78 -0.69 0.00	28.43 -0.67 0.00	27.76 -0.69 0.00	27.64 -0.49 0.00	29.09 0.08 0.00	29.14 -0.18 0.00	29.58 -0.30 0.00	36.95 -0.29 0.00	31.60 -0.09 0.00	30.28 -0.06 0.00	27.46 -0.05 0.00	31.69 -0.57 0.00	42.42 -0.54 0.00	36.72 -0.23 0.00
NINE_MILE_1 23575	21.82 -0.69 0.00	24.05 -0.79 0.00	24.13 -0.81 0.00	24.09 -0.81 0.00	22.66 -0.80 0.00	19.70 -0.67 0.00	22.76 -0.75 0.00	22.35 -0.76 0.00	24.27 -0.80 0.00	24.45 -0.79 0.10	25.24 -0.95 3.29	27.76 -0.93 0.41	27.34 -0.91 0.21	27.28 -0.84 0.00	28.29 -0.72 0.00	28.57 -0.74 0.00	29.14 -0.74 0.00	32.74 -0.83 3.68	29.99 -0.68 1.01	28.86 -0.67 0.81	26.07 -0.62 0.82	21.95 -0.86 9.45	33.75 -1.24 7.97	31.67 -1.09 4.20
NINE_MILE_2 23744	21.82 -0.69 0.00	24.05 -0.78 0.00	24.13 -0.81 0.00	24.09 -0.81 0.00	22.66 -0.80 0.00	19.71 -0.67 0.00	22.76 -0.75 0.00	22.35 -0.76 0.00	24.27 -0.80 0.00	24.44 -0.79 0.10	25.19 -0.95 3.34	27.76 -0.93 0.42	27.33 -0.91 0.21	27.28 -0.84 0.00	28.29 -0.72 0.00	28.57 -0.74 0.00	29.14 -0.74 0.00	32.69 -0.83 3.73	29.98 -0.68 1.02	28.84 -0.67 0.83	26.06 -0.62 0.83	21.81 -0.86 9.60	33.63 -1.24 8.09	31.60 -1.09 4.26
NM_CAPITAL____DRP 24208	25.18 0.69 -1.99	25.52 0.68 0.00	25.70 0.75 0.00	25.62 0.72 0.00	24.11 0.65 0.00	20.94 0.57 0.00	24.20 0.69 0.00	23.80 0.69 0.00	25.80 0.73 0.00	26.12 0.80 0.00	30.31 0.83 0.00	29.98 0.87 0.00	29.33 0.88 0.00	28.99 0.86 0.00	29.99 0.98 0.00	30.34 1.03 0.00	30.88 1.00 0.00	38.59 1.34 0.00	32.87 1.18 0.00	31.50 1.17 0.00	28.58 1.07 0.00	33.24 0.98 0.00	44.10 1.14 0.00	37.95 1.01 0.00
NM_CENTRAL____DRP 24181	22.30 -0.20 0.00	24.59 -0.25 0.00	24.63 -0.32 0.00	24.59 -0.31 0.00	23.12 -0.34 0.00	20.11 -0.26 0.00	23.23 -0.28 0.00	22.80 -0.31 0.00	24.81 -0.26 0.00	25.10 -0.24 -0.01	29.42 -0.32 -0.26	28.84 -0.30 -0.03	28.19 -0.27 -0.02	27.92 -0.21 0.00	29.00 -0.01 0.00	29.35 0.03 0.00	29.97 0.10 0.00	37.86 0.25 -0.36	32.01 0.22 -0.10	30.60 0.18 -0.08	27.72 0.13 -0.08	33.14 -0.04 -0.92	43.53 -0.20 -0.78	37.14 -0.22 -0.41
NM_FRONTIER____DRP 24179	22.71 0.20 0.00	25.16 0.32 0.00	25.12 0.17 0.00	24.97 0.07 0.00	23.30 -0.16 0.00	20.28 -0.09 0.00	23.50 0.00 0.00	22.71 -0.40 0.00	24.72 -0.34 0.00	24.82 -0.51 0.00	28.59 -0.89 0.00	28.22 -0.88 0.00	27.57 -0.88 0.00	27.46 -0.67 0.00	28.90 -0.11 0.00	28.96 -0.36 0.00	29.36 -0.51 0.00	36.68 -0.56 0.00	31.38 -0.31 0.00	30.08 -0.26 0.00	27.29 -0.23 0.00	31.48 -0.77 0.00	42.20 -0.76 0.00	36.78 -0.17 0.00
NM_ST_REGIS____HYD 24053	22.39 -0.12 0.00	24.85 0.02 0.00	25.09 0.14 0.00	25.13 0.22 0.00	23.81 0.34 0.00	20.66 0.29 0.00	23.86 0.36 0.00	23.45 0.34 0.00	25.39 0.31 0.00	25.53 0.20 0.00	29.87 0.30 -0.10	29.39 0.27 -0.01	28.64 0.19 -0.01	28.14 0.01 0.00	28.59 -0.42 0.00	28.59 -0.73 0.00	29.11 -0.77 0.00	35.72 -1.65 -0.12	30.24 -1.48 -0.03	29.07 -1.30 -0.03	26.57 -0.97 -0.03	32.20 -0.36 -0.30	43.47 0.25 -0.25	37.53 0.45 -0.13
NORTHPORT____1 23551	186.25 1.86 -161.88	49.69 1.89 -22.96	43.06 1.77 -16.34	26.48 1.57 0.00	24.68 1.22 0.00	21.47 1.10 0.00	25.06 1.56 0.00	24.71 1.60 0.00	26.86 1.79 0.00	28.02 1.83 -0.86	32.06 2.04 -0.54	31.00 1.89 0.00	30.45 2.00 0.00	30.98 2.08 -0.76	48.92 2.65 -17.26	93.24 2.84 -61.08	166.42 2.86 -133.68	186.39 3.73 -145.42	271.54 3.06 -236.79	106.26 2.82 -73.10	134.57 2.58 -104.47	75.39 2.68 -40.45	48.22 3.38 -1.88	39.96 3.00 -0.01
NORTHPORT____2 23552	186.25 1.86 -161.88	49.69 1.89 -22.96	43.06 1.77 -16.34	26.48 1.57 0.00	24.68 1.22 0.00	21.47 1.10 0.00	25.06 1.56 0.00	24.71 1.60 0.00	26.86 1.79 0.00	28.02 1.83 -0.86	32.06 2.04 -0.54	31.00 1.89 0.00	30.45 2.00 0.00	30.98 2.08 -0.76	48.92 2.65 -17.26	93.24 2.84 -61.08	166.42 2.86 -133.68	186.39 3.73 -145.42	271.54 3.06 -236.79	106.26 2.82 -73.10	134.57 2.58 -104.47	75.39 2.68 -40.45	48.22 3.38 -1.88	39.96 3.00 -0.01
NORTHPORT____3 23553	186.23 1.84 -161.88	49.62 1.82 -22.96	43.00 1.71 -16.34	26.45 1.55 0.00	24.70 1.23 0.00	21.48 1.11 0.00	25.06 1.55 0.00	24.71 1.60 0.00	26.86 1.79 0.00	28.03 1.84 -0.86	32.08 2.06 -0.54	31.02 1.91 0.00	30.49 2.04 0.00	31.01 2.12 -0.76	48.95 2.69 -17.26	93.33 2.94 -61.08	166.49 2.93 -133.68	186.44 3.78 -145.41	271.57 3.09 -236.79	106.30 2.86 -73.10	134.56 2.57 -104.47	75.37 2.67 -40.45	48.11 3.27 -1.88	39.83 2.88 -0.01
NORTHPORT____4 23650	186.23 1.84 -161.88	49.62 1.82 -22.96	43.00 1.71 -16.34	26.45 1.55 0.00	24.70 1.23 0.00	21.48 1.11 0.00	25.06 1.55 0.00	24.71 1.60 0.00	26.86 1.79 0.00	28.03 1.84 -0.86	32.08 2.06 -0.54	31.02 1.91 0.00	30.49 2.04 0.00	31.01 2.12 -0.76	48.95 2.69 -17.26	93.33 2.94 -61.08	166.49 2.93 -133.68	186.44 3.78 -145.41	271.57 3.09 -236.79	106.30 2.86 -73.10	134.56 2.57 -104.47	75.37 2.67 -40.45	48.11 3.27 -1.88	39.83 2.88 -0.01
NORTHPORT____IC 23718	186.25 1.86 -161.88	49.69 1.89 -22.96	43.06 1.77 -16.34	26.48 1.57 0.00	24.68 1.22 0.00	21.47 1.10 0.00	25.06 1.56 0.00	24.71 1.60 0.00	26.86 1.79 0.00	28.02 1.83 -0.86	32.06 2.04 -0.54	31.00 1.89 0.00	30.45 2.00 0.00	30.98 2.08 -0.76	48.92 2.65 -17.26	93.24 2.84 -61.08	166.42 2.86 -133.68	186.39 3.73 -145.42	271.54 3.06 -236.79	106.26 2.82 -73.10	134.57 2.58 -104.47	75.39 2.68 -40.45	48.22 3.38 -1.88	39.96 3.00 -0.01

NORTH__COUNTRY_ESR 323785	22.24 -0.27 0.00	24.76 -0.07 0.00	25.14 0.19 0.00	25.26 0.35 0.00	23.96 0.50 0.00	20.75 0.38 0.00	24.01 0.50 0.00	23.58 0.47 0.00	25.58 0.51 0.00	25.71 0.38 0.00	29.88 0.40 0.00	29.44 0.34 0.00	28.77 0.32 0.00	28.42 0.29 0.00	29.08 0.07 0.00	29.41 0.09 0.00	29.88 0.01 0.00	36.95 -0.30 0.00	31.46 -0.22 0.00	30.14 -0.20 0.00	27.61 0.10 0.00	32.62 0.36 0.00	43.32 0.36 0.00	37.46 0.51 0.00
NPX_GEN_1385_PROXY 323591	186.30 1.91 -161.88	49.74 1.93 -22.96	43.10 1.81 -16.34	26.49 1.59 0.00	24.69 1.22 0.00	23.43 1.11 -1.95	25.10 1.60 0.00	24.75 1.64 0.00	26.88 1.81 0.00	28.02 1.83 -0.86	32.06 2.04 -0.54	31.00 1.89 0.00	30.45 2.00 0.00	30.98 2.08 -0.76	48.92 2.65 -17.26	93.24 2.84 -61.08	166.42 2.86 -133.68	186.46 3.80 -145.42	271.60 3.13 -236.79	106.32 2.88 -73.10	129.72 2.64 -99.56	75.45 2.75 -40.45	48.31 3.47 -1.88	40.03 3.07 -0.01
NPX_GEN_CSC 323557	186.86 2.47 -161.88	50.34 2.54 -22.96	43.65 2.36 -16.34	27.03 2.13 0.00	25.20 1.74 0.00	23.92 1.60 -1.95	25.71 2.21 0.00	25.31 2.20 0.00	27.52 2.45 0.00	28.66 2.48 -0.86	32.77 2.75 -0.54	31.60 2.49 0.00	31.14 2.69 0.00	31.71 2.82 -0.76	49.78 3.50 -17.26	214.36 3.73 -181.32	215.65 3.66 -182.12	196.12 4.50 -154.37	272.17 3.69 -236.79	106.88 3.44 -73.10	130.23 3.15 -99.56	76.17 3.47 -40.45	49.58 4.73 -1.88	40.95 4.00 -0.01
NSINS_S_GLNS_FALLS 23858	25.90 1.51 -1.88	26.35 1.51 0.00	26.45 1.50 0.00	26.37 1.46 0.00	24.81 1.35 0.00	21.58 1.21 0.00	25.02 1.52 0.00	24.65 1.54 0.00	26.75 1.68 0.00	27.03 1.70 0.00	31.17 1.69 0.00	30.90 1.80 0.00	30.26 1.81 0.00	29.76 1.63 0.00	30.78 1.77 0.00	31.22 1.90 0.00	31.73 1.85 0.00	39.75 2.51 0.00	34.06 2.38 0.00	32.64 2.30 0.00	29.84 2.33 0.00	34.60 2.34 0.00	45.80 2.84 0.00	39.42 2.47 0.00
NUCOR_STEEL__DRP 24197	22.76 0.25 0.00	25.11 0.27 0.00	25.14 0.19 0.00	24.99 0.08 0.00	23.55 0.09 0.00	20.53 0.16 0.00	23.81 0.30 0.00	23.34 0.23 0.00	25.31 0.24 0.00	25.73 0.38 -0.02	30.34 0.35 -0.51	29.40 0.24 -0.06	28.73 0.25 -0.03	28.52 0.39 0.00	29.70 0.69 0.00	29.85 0.54 0.00	30.43 0.56 0.00	38.83 0.94 -0.65	32.73 0.87 -0.18	31.31 0.83 -0.14	28.25 0.59 -0.14	34.48 0.55 -1.66	44.80 0.44 -1.40	38.14 0.45 -0.74
NUMBER_THREE_WT_PWR 323818	22.46 -0.04 0.00	24.78 -0.06 0.00	24.92 -0.03 0.00	24.90 -0.01 0.00	23.53 0.06 0.00	20.41 0.04 0.00	23.66 0.16 0.00	23.33 0.22 0.00	25.29 0.21 0.00	25.59 0.25 -0.01	30.10 0.36 -0.26	29.42 0.28 -0.03	28.62 0.15 -0.02	28.17 0.04 0.00	28.94 -0.07 0.00	29.12 -0.20 0.00	29.71 -0.16 0.00	37.26 -0.32 -0.33	31.61 -0.16 -0.09	30.28 -0.13 -0.07	27.69 0.10 -0.07	33.44 0.37 -0.81	44.41 0.76 -0.68	37.99 0.68 -0.36
NYISO_LBMP_REFERENCE 24008	22.51 0.00 0.00	24.84 0.00 0.00	24.95 0.00 0.00	24.90 0.00 0.00	23.46 0.00 0.00	20.37 0.00 0.00	23.51 0.00 0.00	23.11 0.00 0.00	25.07 0.00 0.00	25.33 0.00 0.00	29.48 0.00 0.00	29.11 0.00 0.00	28.45 0.00 0.00	28.13 0.00 0.00	29.01 0.00 0.00	29.32 0.00 0.00	29.87 0.00 0.00	37.25 0.00 0.00	31.69 0.00 0.00	30.34 0.00 0.00	27.51 0.00 0.00	32.26 0.00 0.00	42.96 0.00 0.00	36.95 0.00 0.00
NYPA_BRENTWD__GT 24164	186.62 2.23 -161.88	50.06 2.26 -22.96	43.40 2.11 -16.34	26.82 1.92 0.00	25.02 1.55 0.00	21.78 1.40 0.00	25.45 1.94 0.00	25.08 1.97 0.00	27.30 2.23 0.00	28.44 2.25 -0.86	32.55 2.53 -0.54	31.46 2.36 0.00	30.81 2.36 0.00	31.26 2.37 -0.76	49.25 2.98 -17.26	117.43 3.23 -84.89	176.34 3.20 -143.27	188.47 4.03 -147.19	271.89 3.41 -236.79	106.64 3.20 -73.10	135.09 3.11 -104.47	75.99 3.28 -40.45	48.88 4.04 -1.88	40.46 3.50 -0.01
NYPA_GOWANUS__GT5 24156	35.95 1.33 -12.11	26.04 1.20 0.00	26.07 1.12 0.00	25.93 1.03 0.00	24.39 0.93 0.00	21.26 0.89 0.00	24.68 1.18 0.00	24.34 1.24 0.00	26.40 1.33 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.16 2.15 0.00	31.69 2.37 0.00	32.26 2.38 0.00	40.38 3.13 0.00	34.22 2.54 0.00	32.64 2.30 0.00	29.52 2.01 0.00	34.25 1.99 0.00	44.94 1.99 0.00	38.70 1.75 0.00
NYPA_GOWANUS__GT6 24157	35.95 1.33 -12.11	26.04 1.20 0.00	26.07 1.12 0.00	25.93 1.03 0.00	24.39 0.93 0.00	21.26 0.89 0.00	24.68 1.18 0.00	24.34 1.24 0.00	26.40 1.33 0.00	26.82 1.49 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.16 2.15 0.00	31.69 2.37 0.00	32.26 2.38 0.00	40.38 3.13 0.00	34.22 2.54 0.00	32.64 2.30 0.00	29.52 2.01 0.00	34.25 1.99 0.00	44.94 1.99 0.00	38.70 1.75 0.00
NYPA_HARLEM_RVR_GT1 24160	35.86 1.24 -12.11	25.97 1.14 0.00	25.99 1.04 0.00	25.84 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.20 1.09 0.00	26.25 1.18 0.00	26.65 1.32 0.00	30.90 1.43 0.00	30.53 1.43 0.00	29.90 1.45 0.00	29.64 1.51 0.00	31.02 2.00 0.00	31.52 2.21 0.00	32.07 2.19 0.00	40.15 2.90 0.00	34.01 2.32 0.00	32.45 2.12 0.00	29.35 1.84 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.65 1.71 0.00
NYPA_HARLEM_RVR_GT2 24161	35.86 1.24 -12.11	25.97 1.14 0.00	25.99 1.04 0.00	25.84 0.93 0.00	24.30 0.84 0.00	21.19 0.82 0.00	24.57 1.07 0.00	24.20 1.09 0.00	26.25 1.18 0.00	26.65 1.32 0.00	30.90 1.43 0.00	30.53 1.43 0.00	29.90 1.45 0.00	29.64 1.51 0.00	31.02 2.00 0.00	31.52 2.21 0.00	32.07 2.19 0.00	40.15 2.90 0.00	34.01 2.32 0.00	32.45 2.12 0.00	29.35 1.84 0.00	34.10 1.84 0.00	44.80 1.84 0.00	38.65 1.71 0.00
NYPA_KENT__GT 24152	35.94 1.32 -12.11	26.03 1.19 0.00	26.06 1.11 0.00	25.92 1.02 0.00	24.38 0.92 0.00	21.25 0.88 0.00	24.68 1.17 0.00	24.34 1.23 0.00	26.39 1.32 0.00	26.81 1.48 0.00	31.08 1.60 0.00	30.72 1.61 0.00	30.10 1.65 0.00	29.82 1.69 0.00	31.17 2.16 0.00	31.68 2.37 0.00	32.26 2.38 0.00	40.37 3.12 0.00	34.20 2.52 0.00	32.62 2.28 0.00	29.49 1.98 0.00	34.23 1.98 0.00	44.95 1.99 0.00	38.72 1.77 0.00
NYPA_POUCH1__GT 24155	35.93 1.31 -12.11	26.03 1.19 0.00	26.07 1.12 0.00	25.92 1.02 0.00	24.37 0.91 0.00	21.25 0.87 0.00	24.66 1.16 0.00	24.32 1.21 0.00	26.35 1.28 0.00	26.75 1.42 0.00	30.95 1.47 0.00	30.59 1.49 0.00	29.99 1.54 0.00	29.72 1.59 0.00	31.04 2.03 0.00	31.56 2.25 0.00	32.13 2.26 0.00	40.24 3.00 0.00	34.12 2.44 0.00	32.53 2.19 0.00	29.44 1.93 0.00	34.16 1.91 0.00	44.53 1.86 0.30	38.58 1.63 0.00
NYPA_VERNON__GT2 24162	35.91 1.29 -12.11	26.00 1.17 0.00	26.04 1.09 0.00	25.91 1.00 0.00	24.36 0.90 0.00	21.24 0.86 0.00	24.66 1.15 0.00	24.32 1.21 0.00	26.37 1.30 0.00	26.79 1.45 0.00	31.08 1.60 0.00	30.71 1.61 0.00	30.07 1.62 0.00	29.81 1.68 0.00	31.16 2.15 0.00	31.68 2.36 0.00	32.24 2.36 0.00	40.34 3.09 0.00	34.17 2.49 0.00	32.58 2.25 0.00	29.45 1.94 0.00	34.20 1.95 0.00	44.93 1.97 0.00	38.72 1.77 0.00

NYPA_VERNON____GT3 24163	35.91	26.00	26.04	25.91	24.36	21.24	24.66	24.32	26.37	26.79	31.08	30.71	30.07	29.81	31.16	31.68	32.24	40.34	34.17	32.58	29.45	34.20	44.93	38.72
	1.29	1.17	1.09	1.00	0.90	0.86	1.15	1.21	1.30	1.45	1.60	1.61	1.62	1.68	2.15	2.36	2.36	3.09	2.49	2.25	1.94	1.95	1.97	1.77
	-12.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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_CC1 323568	35.86	25.96	25.99	25.86	24.32	21.20	24.61	24.27	26.31	26.73	31.01	30.64	30.01	29.75	31.09	31.61	32.16	40.25	34.10	32.52	29.40	34.15	44.84	38.64
	1.24	1.12	1.04	0.95	0.86	0.82	1.11	1.16	1.24	1.39	1.54	1.54	1.56	1.62	2.08	2.29	2.29	3.01	2.41	2.19	1.89	1.89	1.89	1.69
	-12.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.86	25.96	25.99	25.86	24.32	21.20	24.61	24.27	26.31	26.73	31.01	30.64	30.01	29.75	31.09	31.61	32.16	40.25	34.10	32.52	29.40	34.15	44.84	38.64
	1.24	1.12	1.04	0.95	0.86	0.82	1.11	1.16	1.24	1.39	1.54	1.54	1.56	1.62	2.08	2.29	2.29	3.01	2.41	2.19	1.89	1.89	1.89	1.69
	-12.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	186.53	49.97	43.32	26.73	24.93	21.71	25.38	25.00	27.16	28.31	32.39	31.27	30.78	31.33	49.34	211.85	214.45	195.67	271.92	106.65	134.92	75.83	48.81	40.36
	2.14	2.17	2.02	1.82	1.47	1.33	1.87	1.89	2.09	2.12	2.37	2.17	2.33	2.44	3.07	3.28	3.29	4.21	3.44	3.21	2.94	3.13	3.96	3.41
	-161.88	-22.96	-16.34	0.00	0.00	0.00	0.00	0.00	0.00	-0.86	-0.54	0.00	0.00	-0.76	-17.26	-179.26	-181.29	-154.22	-236.79	-73.10	-104.47	-40.45	-1.88	-0.01
NYPA____HELLGATE_GT1 24158	35.86	25.97	25.99	25.84	24.30	21.19	24.57	24.20	26.25	26.65	30.90	30.53	29.90	29.64	31.02	31.52	32.07	40.15	34.01	32.45	29.35	34.09	44.79	38.65
	1.24	1.14	1.04	0.93	0.84	0.82	1.07	1.09	1.18	1.32	1.43	1.43	1.45	1.51	2.00	2.21	2.19	2.90	2.33	2.12	1.84	1.83	1.83	1.71
	-12.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.86	25.97	25.99	25.84	24.30	21.19	24.57	24.20	26.25	26.65	30.90	30.53	29.90	29.64	31.02	31.52	32.07	40.15	34.01	32.45	29.35	34.09	44.79	38.65
	1.24	1.14	1.04	0.93	0.84	0.82	1.07	1.09	1.18	1.32	1.43	1.43	1.45	1.51	2.00	2.21	2.19	2.90	2.33	2.12	1.84	1.83	1.83	1.71
	-12.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.01	25.31	25.34	25.18	23.52	20.47	23.73	23.10	25.19	25.28	29.25	28.92	28.25	28.15	29.62	29.67	30.09	37.56	32.14	30.80	27.94	32.24	43.13	37.23
	0.50	0.47	0.39	0.27	0.05	0.09	0.22	-0.01	0.12	-0.05	-0.23	-0.18	-0.20	0.02	0.61	0.36	0.22	0.32	0.45	0.47	0.43	-0.02	0.17	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	22.94	25.24	25.26	25.11	23.52	20.49	23.77	23.25	25.30	25.49	29.56	29.34	28.66	28.49	29.81	30.02	30.53	38.25	32.66	31.23	28.26	32.76	43.60	37.49
	0.43	0.40	0.31	0.21	0.06	0.12	0.26	0.14	0.23	0.17	0.17	0.24	0.21	0.36	0.79	0.70	0.65	1.01	0.97	0.90	0.75	0.50	0.64	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAKDALE____35_KV_LOAD 356122	22.77	25.08	25.10	25.06	23.54	20.48	23.74	23.33	25.38	25.67	29.90	29.38	28.68	28.40	29.59	29.87	30.46	38.38	32.50	31.08	28.13	33.30	43.91	37.60
	0.27	0.24	0.15	0.16	0.08	0.10	0.24	0.22	0.31	0.33	0.24	0.25	0.22	0.26	0.58	0.55	0.59	0.88	0.74	0.68	0.56	0.39	0.40	0.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-0.02	-0.01	0.00	0.00	0.00	0.00	-0.25	-0.07	-0.06	-0.06	-0.65	-0.55	-0.29
OCC_CHEM____DRP 24175	22.75	25.20	25.16	25.02	23.34	20.32	23.54	22.76	24.78	24.88	28.67	28.30	27.64	27.54	28.98	29.05	29.45	36.79	31.47	30.17	27.36	31.57	42.31	36.85
	0.25	0.36	0.21	0.11	-0.12	-0.05	0.04	-0.35	-0.29	-0.45	-0.81	-0.80	-0.81	-0.59	-0.03	-0.27	-0.42	-0.46	-0.21	-0.17	-0.15	-0.68	-0.65	-0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OH_GEN_PROXY 24063	22.76	25.06	25.09	24.94	23.29	22.22	23.49	22.86	24.89	25.03	28.97	28.62	27.93	27.78	29.23	29.29	29.76	37.21	31.80	30.45	22.68	31.87	42.63	36.86
	0.26	0.23	0.14	0.03	-0.17	-0.10	-0.01	-0.25	-0.18	-0.30	-0.51	-0.49	-0.52	-0.36	0.22	-0.03	-0.11	-0.04	0.12	0.11	0.07	-0.39	-0.33	-0.09
	0.00	0.00	0.00	0.00	0.00	-1.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.91	0.00	0.00	0.00
OLIN_CORP_DRP 24177	22.68	25.03	25.00	24.84	23.20	20.19	23.39	22.72	24.78	24.86	28.77	28.44	27.78	27.68	29.12	29.20	29.60	36.96	31.62	30.31	27.50	31.73	42.51	36.71
	0.18	0.19	0.05	-0.07	-0.26	-0.18	-0.12	-0.39	-0.29	-0.47	-0.71	-0.67	-0.67	-0.45	0.11	-0.12	-0.27	-0.29	-0.07	-0.03	-0.02	-0.53	-0.45	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	22.77	25.14	25.17	25.01	23.34	20.31	23.53	22.77	24.77	24.89	28.67	28.30	27.65	27.54	29.00	29.04	29.45	36.80	31.48	30.17	27.38	31.58	42.29	36.83
	0.26	0.30	0.22	0.11	-0.12	-0.06	0.03	-0.34	-0.30	-0.44	-0.81	-0.80	-0.81	-0.60	-0.01	-0.27	-0.42	-0.45	-0.21	-0.17	-0.14	-0.68	-0.67	-0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	22.92	25.25	25.36	25.34	23.90	20.75	24.01	23.65	25.71	26.04	30.43	29.94	29.20	28.83	29.71	29.99	30.63	38.26	32.49	31.15	28.29	33.40	44.23	37.91
	0.41	0.41	0.41	0.44	0.44	0.38	0.50	0.54	0.64	0.71	0.85	0.83	0.74	0.70	0.70	0.68	0.75	0.87	0.77	0.78	0.75	0.82	1.00	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.01	-0.01	0.00	0.00	0.00	0.00	-0.14	-0.04	-0.03	-0.03	-0.32	-0.27	-0.14
ONEIDA____115KV_TB4 55905	23.01	25.40	25.43	25.42	23.95	20.81	24.07	23.69	25.83	26.16	30.57	30.07	29.32	28.99	29.97	30.28	30.92	38.76	32.96	31.56	28.60	33.80	44.52	38.10
	0.51	0.56	0.47	0.51	0.49	0.44	0.56	0.58	0.76	0.82	0.94	0.95	0.86	0.85	0.96	0.96	1.05	1.31	1.22	1.18	1.04	1.05	1.14	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-0.02	-0.01	0.00	0.00	0.00	0.00	-0.20	-0.05	-0.04	-0.04	-0.49	-0.42	-0.22

ONONDAGA_REF_OCCRA 23987	22.46 -0.05 0.00	24.75 -0.09 0.00	24.79 -0.16 0.00	24.75 -0.15 0.00	23.26 -0.19 0.00	20.24 -0.13 0.00	23.41 -0.10 0.00	23.00 -0.11 0.00	25.02 -0.05 0.00	25.32 -0.02 -0.01	29.72 -0.08 -0.33	29.06 -0.08 -0.04	28.41 -0.06 -0.02	28.13 0.00 0.00	29.22 0.21 0.00	29.56 0.24 0.00	30.18 0.31 0.00	38.17 0.49 -0.44	32.26 0.46 -0.12	30.84 0.41 -0.10	27.94 0.33 -0.10	33.56 0.18 -1.12	43.98 0.08 -0.94	37.47 0.02 -0.50
ONONDAGA___COGEN 23986	22.46 -0.05 0.00	24.75 -0.09 0.00	24.81 -0.14 0.00	24.73 -0.18 0.00	23.24 -0.22 0.00	20.25 -0.12 0.00	23.45 -0.06 0.00	23.01 -0.10 0.00	24.99 -0.08 0.00	25.30 -0.05 -0.02	29.90 -0.11 -0.53	29.05 -0.12 -0.07	28.40 -0.08 -0.03	28.12 -0.01 0.00	29.21 0.20 0.00	29.52 0.20 0.00	30.12 0.25 0.00	38.41 0.49 -0.67	32.31 0.44 -0.18	30.88 0.39 -0.15	27.97 0.31 -0.15	34.14 0.17 -1.72	44.47 0.06 -1.45	37.71 0.00 -0.76
ONTARIO___LFGE 23819	22.90 0.40 0.00	25.18 0.34 0.00	25.19 0.24 0.00	25.11 0.20 0.00	23.57 0.11 0.00	20.56 0.19 0.00	23.89 0.38 0.00	23.49 0.38 0.00	25.61 0.54 0.00	25.88 0.54 0.00	30.03 0.41 -0.14	29.56 0.43 -0.02	28.91 0.45 -0.01	28.64 0.51 0.00	29.98 0.97 0.00	30.18 0.86 0.00	30.80 0.93 0.00	38.68 1.21 -0.23	32.81 1.07 -0.06	31.37 0.98 -0.05	28.46 0.90 -0.05	33.41 0.57 -0.58	44.07 0.62 -0.49	37.70 0.50 -0.26
ORANGEVILLE_WT_PWR 323706	22.92 0.41 0.00	25.16 0.32 0.00	25.18 0.23 0.00	25.02 0.11 0.00	23.36 -0.10 0.00	20.42 0.05 0.00	23.77 0.26 0.00	23.27 0.16 0.00	25.35 0.28 0.00	25.46 0.13 0.00	29.35 -0.13 0.00	28.96 -0.14 0.00	28.30 -0.16 0.00	28.15 0.02 0.00	29.58 0.56 0.00	29.62 0.30 0.00	30.16 0.28 0.00	37.69 0.44 0.00	32.12 0.44 0.00	30.72 0.38 0.00	27.88 0.37 0.00	32.28 0.02 0.00	43.18 0.22 0.00	37.08 0.14 0.00
ORANGEVILLE___ESR 323794	22.92 0.41 0.00	25.16 0.32 0.00	25.18 0.23 0.00	25.02 0.11 0.00	23.36 -0.10 0.00	20.42 0.05 0.00	23.77 0.26 0.00	23.27 0.16 0.00	25.35 0.28 0.00	25.46 0.13 0.00	29.35 -0.13 0.00	28.96 -0.14 0.00	28.30 -0.16 0.00	28.15 0.02 0.00	29.58 0.56 0.00	29.62 0.30 0.00	30.16 0.28 0.00	37.69 0.44 0.00	32.12 0.44 0.00	30.72 0.38 0.00	27.88 0.37 0.00	32.28 0.02 0.00	43.18 0.22 0.00	37.08 0.14 0.00
OSWEGATCHIE___HYD 24044	22.24 -0.26 0.00	24.60 -0.24 0.00	24.77 -0.18 0.00	24.75 -0.16 0.00	23.41 -0.05 0.00	20.32 -0.05 0.00	23.53 0.02 0.00	23.16 0.05 0.00	25.05 -0.02 0.00	25.26 -0.08 -0.01	29.70 0.01 -0.20	29.07 -0.06 -0.03	28.30 -0.16 -0.01	27.80 -0.33 0.00	28.38 -0.64 0.00	28.42 -0.90 0.00	28.97 -0.91 0.00	36.02 -1.49 -0.25	30.50 -1.26 -0.07	29.28 -1.12 -0.05	26.78 -0.79 -0.06	32.58 -0.32 -0.64	43.70 0.20 -0.54	37.53 0.29 -0.29
OSWEGO___5 23606	22.01 -0.50 0.00	24.26 -0.58 0.00	24.34 -0.61 0.00	24.29 -0.62 0.00	22.85 -0.61 0.00	19.87 -0.50 0.00	22.95 -0.55 0.00	22.55 -0.56 0.00	24.49 -0.58 0.00	24.83 -0.57 -0.07	31.14 -0.70 -2.36	28.72 -0.69 -0.30	27.94 -0.66 -0.15	27.52 -0.61 0.00	28.54 -0.47 0.00	28.84 -0.48 0.00	29.40 -0.47 0.00	39.51 -0.49 -2.75	32.06 -0.38 -0.75	30.55 -0.39 -0.61	27.75 -0.37 -0.61	38.74 -0.58 -7.06	48.05 -0.86 -5.95	39.32 -0.76 -3.14
OSWEGO___6 23613	22.01 -0.50 0.00	24.26 -0.58 0.00	24.34 -0.61 0.00	24.29 -0.62 0.00	22.85 -0.61 0.00	19.87 -0.50 0.00	22.95 -0.55 0.00	22.55 -0.56 0.00	24.49 -0.58 0.00	24.83 -0.57 -0.07	31.14 -0.70 -2.36	28.72 -0.69 -0.30	27.94 -0.66 -0.15	27.52 -0.61 0.00	28.54 -0.47 0.00	28.84 -0.48 0.00	29.40 -0.47 0.00	39.51 -0.49 -2.75	32.06 -0.38 -0.75	30.55 -0.39 -0.61	27.75 -0.37 -0.61	38.74 -0.58 -7.06	48.05 -0.86 -5.95	39.32 -0.76 -3.14
OUTOKUMPU-AB___DRP 24206	23.19 0.69 0.00	25.64 0.80 0.00	25.59 0.64 0.00	25.45 0.55 0.00	23.76 0.30 0.00	20.68 0.31 0.00	24.00 0.49 0.00	23.38 0.27 0.00	25.53 0.46 0.00	25.55 0.22 0.00	29.51 0.04 0.00	29.16 0.06 0.00	28.49 0.03 0.00	28.37 0.24 0.00	29.85 0.84 0.00	29.91 0.59 0.00	30.34 0.46 0.00	37.85 0.61 0.00	32.36 0.68 0.00	31.00 0.66 0.00	28.11 0.60 0.00	32.46 0.20 0.00	43.43 0.47 0.00	37.60 0.66 0.00
OXBOW____ 24026	23.06 0.55 0.00	25.43 0.59 0.00	25.46 0.50 0.00	25.31 0.40 0.00	23.62 0.16 0.00	20.55 0.18 0.00	23.83 0.32 0.00	23.15 0.04 0.00	25.23 0.16 0.00	25.32 -0.02 0.00	29.20 -0.28 0.00	28.83 -0.27 0.00	28.17 -0.28 0.00	28.05 -0.08 0.00	29.54 0.53 0.00	29.58 0.27 0.00	30.01 0.13 0.00	37.45 0.20 0.00	32.02 0.34 0.00	30.68 0.35 0.00	27.84 0.33 0.00	32.12 -0.14 0.00	42.99 0.03 0.00	37.32 0.37 0.00
OXY_CHEM_DSASP 323612	22.75 0.25 0.00	25.20 0.36 0.00	25.16 0.21 0.00	25.02 0.11 0.00	23.34 -0.12 0.00	20.32 -0.05 0.00	23.54 0.04 0.00	22.76 -0.35 0.00	24.78 -0.29 0.00	24.88 -0.45 0.00	28.67 -0.81 0.00	28.30 -0.80 0.00	27.64 -0.81 0.00	27.54 -0.59 0.00	28.98 -0.03 0.00	29.05 -0.27 0.00	29.45 -0.42 0.00	36.79 -0.46 0.00	31.47 -0.21 0.00	30.17 -0.17 0.00	27.36 -0.15 0.00	31.57 -0.68 0.00	42.31 -0.65 0.00	36.85 -0.10 0.00
OZONE_PARK_ESR 323760	35.98 1.52 -11.95	26.23 1.39 0.00	26.26 1.31 0.00	26.12 1.22 0.00	24.57 1.11 0.00	21.41 1.04 0.00	24.87 1.37 0.00	24.56 1.44 0.00	26.63 1.56 0.00	27.06 1.74 0.00	31.39 1.91 0.00	31.00 1.90 0.00	30.37 1.91 0.00	30.10 1.97 0.00	31.46 2.45 0.00	31.99 2.68 0.00	32.58 2.70 0.00	40.79 3.54 0.00	34.52 2.84 0.00	32.93 2.59 0.00	29.76 2.25 0.00	34.55 2.29 0.00	45.40 2.44 0.00	39.09 2.14 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.75 0.25 0.00	25.20 0.36 0.00	25.16 0.21 0.00	25.02 0.11 0.00	23.34 -0.12 0.00	20.32 -0.05 0.00	23.54 0.04 0.00	22.76 -0.35 0.00	24.78 -0.29 0.00	24.88 -0.45 0.00	28.67 -0.81 0.00	28.30 -0.80 0.00	27.64 -0.81 0.00	27.54 -0.59 0.00	28.98 -0.03 0.00	29.05 -0.27 0.00	29.45 -0.42 0.00	36.79 -0.46 0.00	31.47 -0.21 0.00	30.17 -0.17 0.00	27.36 -0.15 0.00	31.57 -0.68 0.00	42.31 -0.65 0.00	36.85 -0.10 0.00
PACKARD__115KV_DUPONT_184 80571	22.75 0.25 0.00	25.20 0.36 0.00	25.16 0.21 0.00	25.02 0.11 0.00	23.34 -0.12 0.00	20.32 -0.05 0.00	23.54 0.04 0.00	22.76 -0.35 0.00	24.78 -0.29 0.00	24.88 -0.45 0.00	28.67 -0.81 0.00	28.30 -0.80 0.00	27.64 -0.81 0.00	27.54 -0.59 0.00	28.98 -0.03 0.00	29.05 -0.27 0.00	29.45 -0.42 0.00	36.79 -0.46 0.00	31.47 -0.21 0.00	30.17 -0.17 0.00	27.36 -0.15 0.00	31.57 -0.68 0.00	42.31 -0.65 0.00	36.85 -0.10 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.83 1.21 -12.11	25.95 1.11 0.00	25.99 1.04 0.00	25.83 0.93 0.00	24.30 0.84 0.00	21.18 0.81 0.00	24.56 1.05 0.00	24.23 1.12 0.00	26.27 1.20 0.00	26.67 1.34 0.00	30.93 1.46 0.00	30.57 1.46 0.00	29.93 1.48 0.00	29.67 1.54 0.00	31.03 2.01 0.00	31.53 2.21 0.00	32.07 2.20 0.00	40.15 2.90 0.00	34.03 2.34 0.00	32.48 2.15 0.00	29.38 1.87 0.00	34.12 1.87 0.00	44.80 1.84 0.00	38.60 1.66 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.79 1.17 -12.11	25.97 1.13 0.00	25.99 1.04 0.00	25.88 0.98 0.00	24.37 0.92 0.00	21.23 0.86 0.00	24.55 1.05 0.00	24.20 1.09 0.00	26.31 1.24 0.00	26.72 1.39 0.00	30.99 1.51 0.00	30.61 1.51 0.00	29.96 1.51 0.00	29.67 1.54 0.00	31.03 2.02 0.00	31.54 2.22 0.00	32.07 2.20 0.00	40.06 2.81 0.00	33.97 2.28 0.00	32.42 2.09 0.00	29.31 1.80 0.00	34.06 1.81 0.00	44.71 1.75 0.00	38.58 1.63 0.00
PATROON__115KV_TB1 80586	25.15 0.70 -1.94	25.53 0.70 0.00	25.71 0.76 0.00	25.63 0.73 0.00	24.13 0.67 0.00	20.97 0.60 0.00	24.23 0.72 0.00	23.83 0.73 0.00	25.85 0.78 0.00	26.17 0.84 0.00	30.38 0.90 0.00	30.05 0.94 0.00	29.40 0.95 0.00	29.06 0.93 0.00	30.06 1.05 0.00	30.42 1.11 0.00	30.97 1.10 0.00	38.68 1.44 0.00	32.96 1.27 0.00	31.59 1.25 0.00	28.65 1.13 0.00	33.30 1.04 0.00	44.15 1.19 0.00	37.99 1.05 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.17 0.66 0.00	25.54 0.70 0.00	25.47 0.53 0.00	25.35 0.44 0.00	23.68 0.22 0.00	20.64 0.27 0.00	24.00 0.49 0.00	23.44 0.33 0.00	25.58 0.51 0.00	25.73 0.40 0.00	29.71 0.22 0.00	29.41 0.30 0.00	28.69 0.24 0.00	28.55 0.42 0.00	30.01 1.00 0.00	30.09 0.77 0.00	30.59 0.71 0.00	38.14 0.89 0.00	32.53 0.84 0.00	31.17 0.83 0.00	28.20 0.69 0.00	32.56 0.30 0.00	43.55 0.59 0.00	37.59 0.64 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	27.62 1.39 -3.73	26.11 1.28 0.00	26.19 1.24 0.00	26.08 1.18 0.00	24.53 1.07 0.00	21.34 0.97 0.00	24.80 1.29 0.00	24.48 1.37 0.00	26.56 1.49 0.00	26.97 1.64 0.00	31.31 1.84 0.00	30.95 1.84 0.00	30.31 1.86 0.00	30.01 1.88 0.00	31.28 2.27 0.00	31.79 2.47 0.00	32.39 2.51 0.00	40.58 3.33 0.00	34.42 2.74 0.00	32.87 2.53 0.00	29.72 2.21 0.00	34.48 2.22 0.00	45.41 2.45 0.00	39.07 2.12 0.00
PEEKSKILL____ 23653	30.90 1.09 -7.30	25.80 0.96 0.00	25.86 0.91 0.00	25.75 0.85 0.00	24.22 0.76 0.00	21.08 0.71 0.00	24.46 0.95 0.00	24.13 1.02 0.00	26.16 1.09 0.00	26.57 1.24 0.00	30.85 1.36 0.00	30.48 1.37 0.00	29.84 1.39 0.00	29.57 1.44 0.00	30.86 1.85 0.00	31.36 2.04 0.00	31.93 2.05 0.00	39.98 2.73 0.00	33.90 2.21 0.00	32.37 2.03 0.00	29.26 1.75 0.00	33.98 1.72 0.00	44.73 1.77 0.00	38.53 1.58 0.00
PGE MADISON__WINDPWR 24146	24.09 1.58 0.00	26.38 1.54 0.00	26.29 1.34 0.00	26.34 1.43 0.00	24.90 1.44 0.00	21.73 1.35 0.00	25.28 1.77 0.00	24.90 1.80 0.00	27.20 2.13 0.00	27.62 2.28 -0.01	32.12 2.43 -0.20	31.62 2.49 -0.03	30.58 2.11 -0.01	30.16 2.03 0.00	31.37 2.36 0.00	31.69 2.37 0.00	32.46 2.58 0.00	40.87 3.34 -0.28	34.94 3.18 -0.08	33.18 2.78 -0.06	30.29 2.71 -0.06	35.84 2.87 -0.72	46.98 3.41 -0.60	39.85 2.59 -0.32
PIERCEFIELD__HYD 23852	22.34 -0.17 0.00	24.80 -0.04 0.00	24.98 0.03 0.00	25.00 0.10 0.00	23.68 0.21 0.00	20.57 0.19 0.00	23.73 0.22 0.00	23.31 0.20 0.00	25.21 0.14 0.00	25.35 0.02 0.00	29.72 0.13 -0.11	29.22 0.10 -0.01	28.46 0.00 -0.01	27.91 -0.22 0.00	28.31 -0.70 0.00	28.22 -1.09 0.00	28.75 -1.12 0.00	35.24 -2.14 -0.13	29.77 -1.95 -0.04	28.66 -1.71 -0.03	26.18 -1.36 -0.03	31.92 -0.67 -0.33	43.28 0.04 -0.28	37.37 0.28 -0.15
PINELAWN_CC_1 323563	186.42 2.03 -161.88	49.83 2.02 -22.96	43.18 1.89 -16.34	26.62 1.72 0.00	24.86 1.40 0.00	21.65 1.28 0.00	25.28 1.77 0.00	24.93 1.82 0.00	27.14 2.07 0.00	28.07 1.88 -0.86	32.08 2.06 -0.54	30.96 1.86 0.00	30.33 1.88 0.00	30.78 1.89 -0.76	48.73 2.46 -17.26	99.41 2.67 -67.42	168.84 2.74 -136.23	186.72 3.58 -145.89	271.45 2.98 -236.79	106.24 2.80 -73.10	134.58 2.60 -104.47	75.48 2.78 -40.45	48.54 3.69 -1.88	40.12 3.16 -0.01
PJM_GEN_HTP_PROXY 323702	35.49 1.21 -11.76	25.92 1.08 0.00	25.97 1.02 0.00	25.85 0.95 0.00	24.31 0.85 0.00	21.18 0.80 0.00	24.58 1.07 0.00	24.26 1.15 0.00	26.31 1.24 0.00	26.73 1.40 0.00	31.02 1.54 0.00	30.63 1.53 0.00	30.01 1.56 0.00	29.75 1.62 0.00	31.08 2.07 0.00	31.60 2.29 0.00	32.17 2.30 0.00	40.26 3.01 0.00	34.08 2.39 0.00	32.50 2.16 0.00	29.37 1.86 0.00	34.12 1.86 0.00	44.85 1.89 0.00	38.63 1.68 0.00
PJM_GEN_KEystone 24065	16.47 0.50 6.54	25.22 0.38 0.00	25.24 0.29 0.00	25.14 0.23 0.00	23.60 0.14 0.00	20.56 0.18 0.00	23.87 0.36 0.00	23.46 0.35 0.00	25.48 0.41 0.00	25.81 0.47 0.00	29.87 0.39 0.00	29.52 0.42 0.00	28.85 0.40 0.00	28.59 0.46 0.00	29.97 0.96 0.00	30.28 0.96 0.00	30.82 0.95 0.00	38.68 1.33 -0.10	32.79 1.07 -0.03	31.34 0.98 -0.02	28.32 0.79 -0.02	33.04 0.53 -0.25	43.30 0.46 0.12	37.60 0.54 -0.11
PJM_GEN_NEPTUNE_PROXY 323594	185.97 1.58 -161.88	49.34 1.53 -22.96	42.73 1.44 -16.34	26.22 1.32 0.00	24.54 1.08 0.00	21.36 0.99 0.00	24.89 1.38 0.00	24.54 1.43 0.00	26.67 1.60 0.00	27.85 1.66 -0.86	31.88 1.86 -0.54	30.82 1.72 0.00	30.27 1.82 0.00	30.78 1.89 -0.76	48.66 2.39 -17.26	87.79 2.58 -55.90	164.06 2.59 -131.59	185.66 3.39 -145.03	271.26 2.78 -236.79	105.98 2.55 -73.10	134.24 2.26 -104.47	75.03 2.33 -40.45	47.59 2.74 -1.88	39.37 2.41 -0.01
PJM_GEN_VFT_PROXY 323633	35.57 1.11 -11.95	25.80 0.97 0.00	25.85 0.90 0.00	25.73 0.82 0.00	24.21 0.75 0.00	21.10 0.72 0.00	24.46 0.95 0.00	24.12 1.01 0.00	26.13 1.07 0.00	26.57 1.24 0.00	30.82 1.34 0.00	30.44 1.33 0.00	29.82 1.36 0.00	29.57 1.44 0.00	30.89 1.88 0.00	31.41 2.09 0.00	31.98 2.11 0.00	40.02 2.77 0.00	33.87 2.19 0.00	32.31 1.97 0.00	29.18 1.67 0.00	33.87 1.61 0.00	39.78 1.55 4.73	38.37 1.42 0.00
PLATSBURG_115KV_PMLD1 355749	22.47 -0.03 0.00	25.00 0.16 0.00	25.42 0.47 0.00	25.56 0.66 0.00	24.23 0.77 0.00	20.98 0.61 0.00	24.31 0.80 0.00	23.86 0.75 0.00	25.86 0.79 0.00	25.99 0.66 0.00	30.13 0.65 0.00	29.68 0.57 0.00	29.03 0.57 0.00	28.70 0.56 0.00	29.40 0.39 0.00	29.78 0.46 0.00	30.24 0.37 0.00	37.46 0.22 0.00	31.91 0.22 0.00	30.55 0.21 0.00	28.06 0.55 0.00	33.09 0.83 0.00	43.86 0.91 0.00	37.92 0.97 0.00
PLEASANTVLY__LBMP 24000	28.22 1.04 -4.67	25.78 0.94 0.00	25.88 0.93 0.00	25.78 0.88 0.00	24.25 0.79 0.00	21.08 0.71 0.00	24.44 0.94 0.00	24.11 1.00 0.00	26.13 1.06 0.00	26.51 1.18 0.00	30.76 1.28 0.00	30.38 1.28 0.00	29.74 1.29 0.00	29.46 1.33 0.00	30.70 1.69 0.00	31.17 1.86 0.00	31.74 1.86 0.00	39.73 2.48 0.00	33.71 2.03 0.00	32.19 1.86 0.00	29.13 1.62 0.00	33.85 1.59 0.00	44.64 1.68 0.00	38.44 1.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.99 1.21 -6.28	25.92 1.08 0.00	26.00 1.05 0.00	25.89 0.99 0.00	24.34 0.88 0.00	21.18 0.81 0.00	24.59 1.08 0.00	24.26 1.15 0.00	26.30 1.23 0.00	26.70 1.37 0.00	30.99 1.51 0.00	30.61 1.51 0.00	29.98 1.53 0.00	29.71 1.57 0.00	30.99 1.98 0.00	31.50 2.18 0.00	32.06 2.19 0.00	40.15 2.90 0.00	34.04 2.36 0.00	32.49 2.15 0.00	29.38 1.87 0.00	34.12 1.86 0.00	44.93 1.97 0.00	38.69 1.74 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.99 1.21 -6.28	25.92 1.08 0.00	26.00 1.05 0.00	25.89 0.99 0.00	24.34 0.88 0.00	21.18 0.81 0.00	24.59 1.08 0.00	24.26 1.15 0.00	26.30 1.23 0.00	26.70 1.37 0.00	30.99 1.51 0.00	30.61 1.51 0.00	29.98 1.53 0.00	29.71 1.57 0.00	30.99 1.98 0.00	31.50 2.18 0.00	32.06 2.19 0.00	40.15 2.90 0.00	34.04 2.36 0.00	32.49 2.15 0.00	29.38 1.87 0.00	34.12 1.86 0.00	44.93 1.97 0.00	38.69 1.74 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.34 1.23 -2.60	25.97 1.13 0.00	26.07 1.12 0.00	25.97 1.07 0.00	24.43 0.97 0.00	21.24 0.87 0.00	24.64 1.14 0.00	24.31 1.20 0.00	26.37 1.31 0.00	26.78 1.44 0.00	31.07 1.59 0.00	30.69 1.59 0.00	30.06 1.60 0.00	29.78 1.65 0.00	31.00 1.99 0.00	31.50 2.18 0.00	32.10 2.22 0.00	40.17 2.92 0.00	34.10 2.42 0.00	32.58 2.24 0.00	29.48 1.97 0.00	34.21 1.95 0.00	45.10 2.14 0.00	38.81 1.86 0.00
POLETTI____ 23519	35.66 1.20 -11.95	25.89 1.05 0.00	25.95 1.00 0.00	25.83 0.92 0.00	24.30 0.83 0.00	21.16 0.79 0.00	24.56 1.06 0.00	24.25 1.14 0.00	26.28 1.21 0.00	26.71 1.38 0.00	30.98 1.50 0.00	30.60 1.50 0.00	29.98 1.53 0.00	29.71 1.58 0.00	31.05 2.04 0.00	31.57 2.25 0.00	32.14 2.26 0.00	40.23 2.99 0.00	34.05 2.37 0.00	32.48 2.14 0.00	29.36 1.85 0.00	34.09 1.83 0.00	44.79 1.83 0.00	38.58 1.63 0.00
PORT_JEFF_3 23555	186.62 2.23 -161.88	50.07 2.27 -22.96	43.41 2.12 -16.34	26.81 1.90 0.00	25.00 1.54 0.00	21.78 1.41 0.00	25.46 1.95 0.00	25.08 1.97 0.00	27.22 2.15 0.00	28.35 2.16 -0.86	32.43 2.41 -0.54	31.33 2.22 0.00	30.89 2.44 0.00	31.45 2.55 -0.76	49.47 3.21 -17.26	217.10 3.41 -184.36	216.65 3.43 -183.34	196.24 4.39 -154.60	272.05 3.57 -236.79	106.78 3.34 -73.10	135.02 3.04 -104.47	75.95 3.25 -40.45	48.98 4.14 -1.88	40.51 3.55 -0.01
PORT_JEFF_4 23616	186.62 2.23 -161.88	50.07 2.27 -22.96	43.41 2.12 -16.34	26.81 1.90 0.00	25.00 1.54 0.00	21.78 1.41 0.00	25.46 1.95 0.00	25.08 1.97 0.00	27.22 2.15 0.00	28.35 2.16 -0.86	32.43 2.41 -0.54	31.33 2.22 0.00	30.89 2.44 0.00	31.45 2.55 -0.76	49.47 3.21 -17.26	217.10 3.41 -184.36	216.65 3.43 -183.34	196.24 4.39 -154.60	272.05 3.57 -236.79	106.78 3.34 -73.10	135.02 3.04 -104.47	75.95 3.25 -40.45	48.98 4.14 -1.88	40.51 3.55 -0.01
PORT_JEFF_IC 23713	186.68 2.29 -161.88	50.14 2.34 -22.96	43.47 2.17 -16.34	26.85 1.95 0.00	25.04 1.58 0.00	21.82 1.45 0.00	25.51 2.00 0.00	25.12 2.02 0.00	27.19 2.12 0.00	28.30 2.11 -0.86	32.37 2.35 -0.54	31.28 2.18 0.00	30.97 2.52 0.00	31.53 2.64 -0.76	49.57 3.30 -17.26	236.04 3.48 -203.24	224.35 3.52 -190.95	197.78 4.53 -156.01	272.11 3.63 -236.79	106.85 3.41 -73.10	135.07 3.09 -104.47	75.99 3.29 -40.45	49.09 4.25 -1.88	40.60 3.65 -0.01
PPL PILGRIM_ST_GT1 24216	186.62 2.23 -161.88	50.06 2.26 -22.96	43.40 2.11 -16.34	26.82 1.92 0.00	25.02 1.55 0.00	21.78 1.40 0.00	25.45 1.94 0.00	25.08 1.97 0.00	27.30 2.23 0.00	28.44 2.25 -0.86	32.55 2.53 -0.54	31.46 2.36 0.00	30.81 2.36 0.00	31.26 2.37 -0.76	49.25 2.98 -17.26	117.43 3.23 -84.89	176.34 3.20 -143.27	188.47 4.03 -147.19	271.89 3.41 -236.79	106.64 3.20 -73.10	135.09 3.11 -104.47	75.99 3.28 -40.45	48.88 4.04 -1.88	40.46 3.50 -0.01
PPL PILGRIM_ST_GT2 24217	186.62 2.23 -161.88	50.06 2.26 -22.96	43.40 2.11 -16.34	26.82 1.92 0.00	25.02 1.55 0.00	21.78 1.40 0.00	25.45 1.94 0.00	25.08 1.97 0.00	27.30 2.23 0.00	28.44 2.25 -0.86	32.55 2.53 -0.54	31.46 2.36 0.00	30.81 2.36 0.00	31.26 2.37 -0.76	49.25 2.98 -17.26	117.43 3.23 -84.89	176.34 3.20 -143.27	188.47 4.03 -147.19	271.89 3.41 -236.79	106.64 3.20 -73.10	135.09 3.11 -104.47	75.99 3.28 -40.45	48.88 4.04 -1.88	40.46 3.50 -0.01
PPL_SHRM_GT3 24213	186.86 2.47 -161.88	50.34 2.54 -22.96	43.65 2.36 -16.34	27.03 2.13 0.00	25.20 1.74 0.00	21.97 1.60 0.00	25.70 2.20 0.00	25.30 2.20 0.00	27.52 2.45 0.00	28.69 2.50 -0.86	32.80 2.77 -0.54	31.60 2.49 0.00	31.14 2.69 0.00	31.71 2.82 -0.76	49.78 3.51 -17.26	219.81 3.74 -186.76	217.63 3.46 -184.31	196.13 4.11 -154.78	271.96 3.48 -236.79	106.87 3.43 -73.10	134.92 2.95 -104.47	76.14 3.43 -40.45	49.58 4.73 -1.88	40.95 3.99 -0.01
PPL_SHRM_GT4 24214	186.86 2.47 -161.88	50.34 2.54 -22.96	43.65 2.36 -16.34	27.03 2.13 0.00	25.20 1.74 0.00	21.97 1.60 0.00	25.70 2.20 0.00	25.30 2.20 0.00	27.52 2.45 0.00	28.69 2.50 -0.86	32.80 2.77 -0.54	31.60 2.49 0.00	31.14 2.69 0.00	31.71 2.82 -0.76	49.78 3.51 -17.26	219.81 3.74 -186.76	217.63 3.46 -184.31	196.13 4.11 -154.78	271.96 3.48 -236.79	106.87 3.43 -73.10	134.92 2.95 -104.47	76.14 3.43 -40.45	49.58 4.73 -1.88	40.95 3.99 -0.01
PROJECT____ORANGE 1 24174	22.32 -0.19 0.00	24.60 -0.24 0.00	24.64 -0.31 0.00	24.61 -0.29 0.00	23.13 -0.33 0.00	20.12 -0.25 0.00	23.24 -0.26 0.00	22.82 -0.28 0.00	24.83 -0.24 0.00	25.12 -0.21 -0.01	29.44 -0.30 -0.26	28.87 -0.27 -0.03	28.22 -0.25 -0.02	27.95 -0.18 0.00	29.03 0.02 0.00	29.38 0.06 0.00	30.01 0.13 0.00	37.89 0.29 -0.36	32.04 0.26 -0.10	30.63 0.21 -0.08	27.75 0.15 -0.08	33.16 -0.02 -0.92	43.56 -0.17 -0.78	37.16 -0.20 -0.41
PROJECT____ORANGE 2 24166	22.32 -0.19 0.00	24.60 -0.24 0.00	24.64 -0.31 0.00	24.61 -0.29 0.00	23.13 -0.33 0.00	20.12 -0.25 0.00	23.24 -0.26 0.00	22.82 -0.28 0.00	24.83 -0.24 0.00	25.12 -0.21 -0.01	29.44 -0.30 -0.26	28.87 -0.27 -0.03	28.22 -0.25 -0.02	27.95 -0.18 0.00	29.03 0.02 0.00	29.38 0.06 0.00	30.01 0.13 0.00	37.89 0.29 -0.36	32.04 0.26 -0.10	30.63 0.21 -0.08	27.75 0.15 -0.08	33.16 -0.02 -0.92	43.56 -0.17 -0.78	37.16 -0.20 -0.41
PUCKETT____SOLAR 323809	23.21 0.70 0.00	25.50 0.66 0.00	25.51 0.56 0.00	25.48 0.57 0.00	23.95 0.49 0.00	20.86 0.49 0.00	24.18 0.68 0.00	23.79 0.69 0.00	25.90 0.83 0.00	26.21 0.87 0.00	30.50 0.84 -0.18	29.94 0.82 -0.02	29.13 0.67 -0.01	28.80 0.67 0.00	30.07 1.06 0.00	30.26 0.94 0.00	30.90 1.03 0.00	39.15 1.65 -0.25	33.19 1.44 -0.07	31.72 1.33 -0.05	28.78 1.21 -0.06	34.01 1.11 -0.65	44.83 1.33 -0.55	38.31 1.07 -0.29
PYRITES____HYD 24023	22.69 0.18 0.00	25.22 0.38 0.00	25.37 0.42 0.00	25.41 0.50 0.00	24.07 0.61 0.00	20.93 0.56 0.00	24.14 0.63 0.00	23.70 0.59 0.00	25.67 0.60 0.00	25.74 0.40 0.00	30.21 0.63 -0.10	29.69 0.57 -0.01	28.92 0.46 -0.01	28.40 0.27 0.00	28.89 -0.12 0.00	28.90 -0.42 0.00	29.46 -0.41 0.00	35.98 -1.39 -0.12	30.43 -1.29 -0.03	29.28 -1.08 -0.03	26.75 -0.79 -0.03	32.60 0.04 -0.31	44.07 0.86 -0.26	38.00 0.91 -0.14
QUAKERRD_115KV_BK1 80622	22.18 -0.32 0.00	24.46 -0.38 0.00	24.45 -0.50 0.00	24.34 -0.56 0.00	22.83 -0.63 0.00	19.89 -0.49 0.00	23.06 -0.45 0.00	22.57 -0.54 0.00	24.57 -0.50 0.00	24.80 -0.53 0.00	28.84 -0.63 0.00	28.55 -0.55 0.00	27.89 -0.56 0.00	27.70 -0.43 0.00	28.92 -0.09 0.00	29.14 -0.18 0.00	29.66 -0.21 0.00	37.14 -0.10 0.00	31.69 0.00 0.00	30.29 -0.05 0.00	27.40 -0.11 0.00	31.81 -0.45 0.00	42.27 -0.69 0.00	36.34 -0.61 0.00

QUEENSBRY_115KV_TB8 356137	25.93 1.55 -1.88	26.38 1.54 0.00	26.48 1.54 0.00	26.39 1.49 0.00	24.83 1.37 0.00	21.61 1.24 0.00	25.08 1.57 0.00	24.71 1.60 0.00	26.81 1.74 0.00	27.08 1.75 0.00	31.22 1.74 0.00	30.96 1.85 0.00	30.31 1.86 0.00	29.79 1.66 0.00	30.83 1.82 0.00	31.29 1.97 0.00	31.80 1.92 0.00	39.86 2.61 0.00	34.15 2.47 0.00	32.71 2.37 0.00	29.90 2.39 0.00	34.66 2.41 0.00	45.91 2.95 0.00	39.51 2.56 0.00
RAMAPO___LBMP 323565	16.11 0.94 7.34	25.61 0.77 0.00	25.69 0.74 0.00	25.59 0.69 0.00	24.08 0.62 0.00	20.95 0.58 0.00	24.29 0.79 0.00	23.97 0.86 0.00	25.99 0.92 0.00	26.40 1.07 0.00	30.66 1.18 0.00	30.29 1.19 0.00	29.67 1.22 0.00	29.39 1.26 0.00	30.69 1.68 0.00	31.18 1.86 0.00	31.74 1.87 0.00	39.74 2.49 0.00	33.70 2.02 0.00	32.18 1.85 0.00	29.10 1.59 0.00	33.80 1.54 0.00	44.47 1.51 0.00	38.32 1.37 0.00
RANKINE____ 23646	23.19 0.68 0.00	25.56 0.72 0.00	25.51 0.56 0.00	25.36 0.45 0.00	23.68 0.22 0.00	20.64 0.27 0.00	24.00 0.49 0.00	23.41 0.29 0.00	25.52 0.45 0.00	25.64 0.31 0.00	29.65 0.17 0.00	29.31 0.21 0.00	28.61 0.16 0.00	28.47 0.34 0.00	29.95 0.94 0.00	30.01 0.69 0.00	30.50 0.63 0.00	38.07 0.82 0.00	32.49 0.80 0.00	31.13 0.79 0.00	28.20 0.68 0.00	32.58 0.32 0.00	43.57 0.61 0.00	37.59 0.64 0.00
RAVENSWOOD_GT2_1 24244	35.86 1.24 -12.11	25.96 1.12 0.00	26.00 1.05 0.00	25.87 0.97 0.00	24.33 0.87 0.00	21.20 0.82 0.00	24.61 1.10 0.00	24.28 1.17 0.00	26.33 1.26 0.00	26.75 1.41 0.00	31.03 1.55 0.00	30.65 1.54 0.00	30.02 1.57 0.00	29.76 1.63 0.00	31.09 2.08 0.00	31.61 2.29 0.00	32.17 2.30 0.00	40.28 3.03 0.00	34.11 2.42 0.00	32.53 2.20 0.00	29.40 1.89 0.00	34.14 1.89 0.00	44.90 1.94 0.00	38.66 1.71 0.00
RAVENSWOOD_GT2_2 24245	35.86 1.24 -12.11	25.96 1.12 0.00	26.00 1.05 0.00	25.87 0.97 0.00	24.33 0.87 0.00	21.20 0.82 0.00	24.61 1.10 0.00	24.28 1.17 0.00	26.33 1.26 0.00	26.75 1.41 0.00	31.03 1.55 0.00	30.65 1.54 0.00	30.02 1.57 0.00	29.76 1.63 0.00	31.09 2.08 0.00	31.61 2.29 0.00	32.17 2.30 0.00	40.28 3.03 0.00	34.11 2.42 0.00	32.53 2.20 0.00	29.40 1.89 0.00	34.14 1.89 0.00	44.90 1.94 0.00	38.66 1.71 0.00
RAVENSWOOD_GT2_3 24246	35.88 1.26 -12.11	25.97 1.13 0.00	26.01 1.06 0.00	25.89 0.98 0.00	24.34 0.88 0.00	21.21 0.84 0.00	24.62 1.11 0.00	24.29 1.18 0.00	26.34 1.27 0.00	26.76 1.43 0.00	31.05 1.57 0.00	30.66 1.56 0.00	30.04 1.59 0.00	29.78 1.64 0.00	31.11 2.09 0.00	31.63 2.31 0.00	32.19 2.32 0.00	40.30 3.05 0.00	34.13 2.44 0.00	32.55 2.21 0.00	29.42 1.90 0.00	34.16 1.90 0.00	44.92 1.96 0.00	38.70 1.75 0.00
RAVENSWOOD_GT2_4 24247	35.88 1.26 -12.11	25.97 1.13 0.00	26.01 1.06 0.00	25.89 0.98 0.00	24.34 0.88 0.00	21.21 0.84 0.00	24.62 1.11 0.00	24.29 1.18 0.00	26.34 1.27 0.00	26.76 1.43 0.00	31.05 1.57 0.00	30.66 1.56 0.00	30.04 1.59 0.00	29.78 1.64 0.00	31.11 2.09 0.00	31.63 2.31 0.00	32.19 2.32 0.00	40.30 3.05 0.00	34.13 2.44 0.00	32.55 2.21 0.00	29.42 1.90 0.00	34.16 1.90 0.00	44.92 1.96 0.00	38.70 1.75 0.00
RAVENSWOOD_GT3_1 24248	35.86 1.24 -12.11	25.95 1.12 0.00	26.00 1.05 0.00	25.87 0.97 0.00	24.33 0.87 0.00	21.20 0.82 0.00	24.60 1.10 0.00	24.28 1.17 0.00	26.33 1.26 0.00	26.75 1.41 0.00	31.03 1.55 0.00	30.65 1.54 0.00	30.02 1.57 0.00	29.76 1.63 0.00	31.09 2.08 0.00	31.61 2.29 0.00	32.17 2.30 0.00	40.28 3.03 0.00	34.11 2.42 0.00	32.53 2.20 0.00	29.40 1.89 0.00	34.14 1.89 0.00	44.90 1.94 0.00	38.66 1.71 0.00
RAVENSWOOD_GT3_2 24249	35.86 1.24 -12.11	25.95 1.12 0.00	26.00 1.05 0.00	25.87 0.97 0.00	24.33 0.87 0.00	21.20 0.82 0.00	24.60 1.10 0.00	24.28 1.17 0.00	26.33 1.26 0.00	26.75 1.41 0.00	31.03 1.55 0.00	30.65 1.54 0.00	30.02 1.57 0.00	29.76 1.63 0.00	31.09 2.08 0.00	31.61 2.29 0.00	32.17 2.30 0.00	40.28 3.03 0.00	34.11 2.42 0.00	32.53 2.20 0.00	29.40 1.89 0.00	34.14 1.89 0.00	44.90 1.94 0.00	38.66 1.71 0.00
RAVENSWOOD_GT3_3 24250	35.91 1.28 -12.11	25.98 1.15 0.00	26.04 1.09 0.00	25.92 1.01 0.00	24.37 0.91 0.00	21.23 0.86 0.00	24.64 1.14 0.00	24.33 1.22 0.00	26.38 1.31 0.00	26.80 1.47 0.00	31.10 1.62 0.00	30.71 1.61 0.00	30.08 1.63 0.00	29.82 1.69 0.00	31.16 2.15 0.00	31.68 2.36 0.00	32.25 2.37 0.00	40.36 3.12 0.00	34.18 2.49 0.00	32.60 2.26 0.00	29.47 1.96 0.00	34.22 1.96 0.00	44.98 2.02 0.00	38.73 1.78 0.00
RAVENSWOOD_GT3_4 24251	35.90 1.28 -12.11	26.00 1.16 0.00	26.04 1.09 0.00	25.92 1.01 0.00	24.37 0.91 0.00	21.23 0.86 0.00	24.65 1.14 0.00	24.33 1.22 0.00	26.38 1.31 0.00	26.80 1.47 0.00	31.10 1.62 0.00	30.71 1.61 0.00	30.08 1.63 0.00	29.82 1.68 0.00	31.16 2.15 0.00	31.67 2.36 0.00	32.25 2.37 0.00	40.36 3.12 0.00	34.18 2.49 0.00	32.60 2.26 0.00	29.46 1.95 0.00	34.21 1.95 0.00	44.99 2.03 0.00	38.74 1.79 0.00
RAVENSWOOD_GT_1 23729	35.91 1.29 -12.11	26.00 1.17 0.00	26.04 1.09 0.00	25.91 1.00 0.00	24.36 0.90 0.00	21.24 0.86 0.00	24.66 1.15 0.00	24.32 1.21 0.00	26.37 1.30 0.00	26.79 1.45 0.00	31.08 1.60 0.00	30.71 1.61 0.00	30.07 1.62 0.00	29.81 1.68 0.00	31.16 2.15 0.00	31.68 2.36 0.00	32.24 2.36 0.00	40.34 3.09 0.00	34.17 2.49 0.00	32.58 2.25 0.00	29.45 1.94 0.00	34.20 1.95 0.00	44.93 1.97 0.00	38.72 1.77 0.00
RAVENSWOOD_GT_10 24258	35.87 1.24 -12.11	25.94 1.10 0.00	26.00 1.05 0.00	25.87 0.97 0.00	24.33 0.87 0.00	21.20 0.82 0.00	24.60 1.09 0.00	24.28 1.17 0.00	26.33 1.26 0.00	26.75 1.42 0.00	31.03 1.55 0.00	30.65 1.54 0.00	30.02 1.57 0.00	29.76 1.63 0.00	31.09 2.08 0.00	31.61 2.29 0.00	32.17 2.30 0.00	40.28 3.04 0.00	34.11 2.42 0.00	32.54 2.20 0.00	29.40 1.89 0.00	34.15 1.89 0.00	44.89 1.93 0.00	38.66 1.71 0.00
RAVENSWOOD_GT_11 24259	35.86 1.24 -12.11	25.95 1.12 0.00	26.00 1.05 0.00	25.87 0.97 0.00	24.33 0.87 0.00	21.20 0.82 0.00	24.60 1.10 0.00	24.28 1.17 0.00	26.33 1.26 0.00	26.75 1.41 0.00	31.03 1.55 0.00	30.65 1.54 0.00	30.02 1.57 0.00	29.76 1.63 0.00	31.09 2.08 0.00	31.61 2.29 0.00	32.17 2.30 0.00	40.28 3.03 0.00	34.11 2.42 0.00	32.53 2.20 0.00	29.40 1.89 0.00	34.14 1.89 0.00	44.90 1.94 0.00	38.66 1.71 0.00
RAVENSWOOD_GT_4 24252	35.87 1.25 -12.11	25.94 1.10 0.00	26.00 1.05 0.00	25.87 0.97 0.00	24.34 0.88 0.00	21.20 0.82 0.00	24.60 1.10 0.00	24.28 1.17 0.00	26.33 1.26 0.00	26.75 1.42 0.00	31.03 1.56 0.00	30.65 1.54 0.00	30.02 1.57 0.00	29.76 1.63 0.00	31.09 2.08 0.00	31.60 2.29 0.00	32.18 2.30 0.00	40.29 3.04 0.00	34.11 2.42 0.00	32.54 2.20 0.00	29.41 1.89 0.00	34.15 1.89 0.00	44.90 1.94 0.00	38.67 1.72 0.00



RAVENSWOOD_GT_5 24254	35.87 1.25 -12.11	25.94 1.10 0.00	26.00 1.05 0.00	25.87 0.97 0.00	24.34 0.88 0.00	21.20 0.82 0.00	24.60 1.10 0.00	24.28 1.17 0.00	26.33 1.26 0.00	26.75 1.42 0.00	31.03 1.56 0.00	30.65 1.54 0.00	30.02 1.57 0.00	29.76 1.63 0.00	31.09 2.08 0.00	31.60 2.29 0.00	32.18 2.30 0.00	40.29 3.04 0.00	34.11 2.42 0.00	32.54 2.20 0.00	29.41 1.89 0.00	34.15 1.89 0.00	44.90 1.94 0.00	38.67 1.72 0.00
RAVENSWOOD_GT_6 24253	35.87 1.25 -12.11	25.94 1.10 0.00	26.00 1.05 0.00	25.87 0.97 0.00	24.34 0.88 0.00	21.20 0.82 0.00	24.60 1.10 0.00	24.28 1.17 0.00	26.33 1.26 0.00	26.75 1.42 0.00	31.03 1.56 0.00	30.65 1.54 0.00	30.02 1.57 0.00	29.76 1.63 0.00	31.09 2.08 0.00	31.60 2.29 0.00	32.18 2.30 0.00	40.29 3.04 0.00	34.11 2.42 0.00	32.54 2.20 0.00	29.41 1.89 0.00	34.15 1.89 0.00	44.90 1.94 0.00	38.67 1.72 0.00
RAVENSWOOD_GT_7 24255	35.87 1.25 -12.11	25.94 1.10 0.00	26.00 1.05 0.00	25.87 0.97 0.00	24.34 0.88 0.00	21.20 0.82 0.00	24.60 1.10 0.00	24.28 1.17 0.00	26.33 1.26 0.00	26.75 1.42 0.00	31.03 1.56 0.00	30.65 1.54 0.00	30.02 1.57 0.00	29.76 1.63 0.00	31.09 2.08 0.00	31.60 2.29 0.00	32.18 2.30 0.00	40.29 3.04 0.00	34.11 2.42 0.00	32.54 2.20 0.00	29.41 1.89 0.00	34.15 1.89 0.00	44.90 1.94 0.00	38.67 1.72 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.87 1.24 -12.11	25.94 1.10 0.00	26.00 1.05 0.00	25.87 0.97 0.00	24.33 0.87 0.00	21.20 0.82 0.00	24.60 1.09 0.00	24.28 1.17 0.00	26.33 1.26 0.00	26.75 1.42 0.00	31.03 1.55 0.00	30.65 1.54 0.00	30.02 1.57 0.00	29.76 1.63 0.00	31.09 2.08 0.00	31.61 2.29 0.00	32.17 2.30 0.00	40.28 3.04 0.00	34.11 2.42 0.00	32.54 2.20 0.00	29.40 1.89 0.00	34.15 1.89 0.00	44.89 1.93 0.00	38.66 1.71 0.00
RAVENSWOOD_GT_9 24257	35.86 1.24 -12.11	25.95 1.12 0.00	26.00 1.05 0.00	25.87 0.97 0.00	24.33 0.87 0.00	21.20 0.82 0.00	24.60 1.10 0.00	24.28 1.17 0.00	26.33 1.26 0.00	26.75 1.41 0.00	31.03 1.55 0.00	30.65 1.54 0.00	30.02 1.57 0.00	29.76 1.63 0.00	31.09 2.08 0.00	31.61 2.29 0.00	32.17 2.30 0.00	40.28 3.03 0.00	34.11 2.42 0.00	32.53 2.20 0.00	29.40 1.89 0.00	34.14 1.89 0.00	44.90 1.94 0.00	38.66 1.71 0.00
RAVENSWOOD___1 23533	35.87 1.25 -12.11	25.96 1.13 0.00	26.00 1.05 0.00	25.87 0.96 0.00	24.33 0.86 0.00	21.20 0.83 0.00	24.61 1.11 0.00	24.29 1.18 0.00	26.33 1.26 0.00	26.75 1.42 0.00	31.03 1.56 0.00	30.66 1.55 0.00	30.03 1.58 0.00	29.77 1.64 0.00	31.11 2.10 0.00	31.63 2.31 0.00	32.19 2.31 0.00	40.29 3.04 0.00	34.13 2.44 0.00	32.54 2.21 0.00	29.41 1.90 0.00	34.16 1.91 0.00	44.89 1.92 0.00	38.65 1.70 0.00
RAVENSWOOD___2 23534	35.87 1.25 -12.11	25.96 1.13 0.00	26.00 1.05 0.00	25.87 0.96 0.00	24.33 0.86 0.00	21.20 0.83 0.00	24.61 1.11 0.00	24.29 1.18 0.00	26.33 1.26 0.00	26.75 1.42 0.00	31.03 1.56 0.00	30.66 1.55 0.00	30.03 1.58 0.00	29.77 1.64 0.00	31.11 2.10 0.00	31.63 2.31 0.00	32.19 2.31 0.00	40.29 3.04 0.00	34.13 2.44 0.00	32.54 2.21 0.00	29.41 1.90 0.00	34.16 1.91 0.00	44.89 1.92 0.00	38.65 1.70 0.00
RAVENSWOOD___3 23535	35.86 1.24 -12.11	25.96 1.12 0.00	26.00 1.05 0.00	25.87 0.97 0.00	24.33 0.87 0.00	21.20 0.82 0.00	24.61 1.10 0.00	24.28 1.17 0.00	26.33 1.26 0.00	26.75 1.41 0.00	31.03 1.55 0.00	30.65 1.54 0.00	30.02 1.57 0.00	29.76 1.63 0.00	31.09 2.08 0.00	31.61 2.29 0.00	32.17 2.30 0.00	40.28 3.04 0.00	34.11 2.42 0.00	32.54 2.20 0.00	29.41 1.90 0.00	34.15 1.89 0.00	44.90 1.94 0.00	38.66 1.71 0.00
RAVENSWOOD___4 23820	35.87 1.25 -12.11	25.96 1.13 0.00	26.00 1.05 0.00	25.87 0.96 0.00	24.33 0.86 0.00	21.20 0.83 0.00	24.61 1.11 0.00	24.29 1.18 0.00	26.33 1.26 0.00	26.75 1.42 0.00	31.03 1.56 0.00	30.66 1.55 0.00	30.03 1.58 0.00	29.77 1.64 0.00	31.11 2.10 0.00	31.63 2.31 0.00	32.19 2.31 0.00	40.29 3.04 0.00	34.13 2.44 0.00	32.54 2.21 0.00	29.41 1.90 0.00	34.16 1.91 0.00	44.89 1.92 0.00	38.65 1.70 0.00
RCPL_TRUST___DRP 24196	35.51 1.24 -11.76	25.94 1.10 0.00	25.99 1.04 0.00	25.87 0.97 0.00	24.33 0.87 0.00	21.20 0.82 0.00	24.61 1.10 0.00	24.29 1.18 0.00	26.35 1.28 0.00	26.78 1.44 0.00	31.07 1.59 0.00	30.69 1.58 0.00	30.06 1.61 0.00	29.80 1.67 0.00	31.15 2.13 0.00	31.66 2.34 0.00	32.23 2.35 0.00	40.33 3.08 0.00	34.13 2.44 0.00	32.54 2.21 0.00	29.42 1.90 0.00	34.16 1.90 0.00	44.89 1.93 0.00	38.66 1.71 0.00
RED___ROCHESTER 323720	23.10 0.59 0.00	25.40 0.56 0.00	25.42 0.46 0.00	25.25 0.35 0.00	23.65 0.19 0.00	20.61 0.24 0.00	23.92 0.41 0.00	23.40 0.29 0.00	25.46 0.39 0.00	25.67 0.34 0.00	29.78 0.40 0.10	29.59 0.50 0.01	28.91 0.46 0.01	28.74 0.61 0.00	30.07 1.06 0.00	30.29 0.97 0.00	30.80 0.92 0.00	38.62 1.38 0.00	32.96 1.28 0.00	31.52 1.19 0.00	28.50 0.99 0.00	33.04 0.78 0.00	43.94 0.98 0.00	37.76 0.82 0.00
REGAN___SOLAR 323812	26.34 2.33 -1.50	27.31 2.48 0.00	27.41 2.47 0.00	27.47 2.57 0.00	25.97 2.50 0.00	22.52 2.15 0.00	25.97 2.46 0.00	25.33 2.22 0.00	27.55 2.49 0.00	27.95 2.62 0.00	32.52 3.05 0.00	32.46 3.35 0.00	31.86 3.41 0.00	31.55 3.41 0.00	32.07 3.06 0.00	32.08 2.77 0.00	32.76 2.89 0.00	41.23 3.98 0.00	35.05 3.37 0.00	34.05 3.71 0.00	30.90 3.39 0.00	35.90 3.64 0.00	47.14 4.18 0.00	40.86 3.91 0.00
RENSSELAER___COGEN 23796	25.00 0.53 -1.96	25.40 0.56 0.00	25.56 0.61 0.00	25.49 0.59 0.00	23.99 0.53 0.00	20.85 0.48 0.00	24.09 0.58 0.00	23.69 0.58 0.00	25.66 0.59 0.00	25.98 0.65 0.00	30.14 0.66 0.00	29.80 0.69 0.00	29.15 0.70 0.00	28.81 0.68 0.00	29.81 0.80 0.00	30.16 0.84 0.00	30.70 0.82 0.00	38.34 1.09 0.00	32.65 0.97 0.00	31.30 0.96 0.00	28.40 0.89 0.00	33.05 0.79 0.00	43.83 0.87 0.00	37.73 0.78 0.00
REPUBLIC_115KV_BARTNBRK 55605	27.11 2.72 -1.88	27.73 2.89 0.00	27.74 2.79 0.00	27.75 2.84 0.00	26.13 2.67 0.00	22.81 2.44 0.00	26.50 2.99 0.00	26.11 3.00 0.00	28.36 3.29 0.00	28.75 3.42 0.00	33.15 3.67 0.00	32.97 3.86 0.00	32.07 3.61 0.00	31.67 3.55 0.00	32.97 3.96 0.00	33.71 4.39 0.00	34.25 4.38 0.00	42.55 5.30 0.00	36.31 4.62 0.00	34.49 4.16 0.00	31.51 3.99 0.00	36.38 4.13 0.00	47.98 5.02 0.00	41.59 4.64 0.00
REVERE_CPPR_DRP 24186	23.18 0.67 0.00	25.61 0.77 0.00	25.63 0.69 0.00	25.64 0.74 0.00	24.17 0.70 0.00	21.02 0.64 0.00	24.30 0.79 0.00	23.93 0.82 0.00	26.09 1.02 0.00	26.40 1.07 0.00	30.86 1.25 -0.14	30.37 1.25 -0.02	29.59 1.13 -0.01	29.23 1.10 0.00	30.17 1.16 0.00	30.48 1.16 0.00	31.18 1.31 0.00	39.08 1.65 -0.19	33.24 1.50 -0.05	31.83 1.46 -0.04	28.85 1.30 -0.04	34.07 1.37 -0.44	44.90 1.56 -0.37	38.42 1.28 -0.20

REYNOLDS_115KV_TB3 80639	25.30 0.76 -2.03	25.60 0.77 0.00	25.78 0.83 0.00	25.70 0.80 0.00	24.18 0.72 0.00	20.99 0.62 0.00	24.26 0.76 0.00	23.85 0.74 0.00	25.86 0.80 0.00	26.18 0.85 0.00	30.36 0.88 0.00	30.02 0.92 0.00	29.37 0.91 0.00	29.04 0.91 0.00	30.03 1.01 0.00	30.39 1.07 0.00	30.91 1.03 0.00	38.64 1.39 0.00	32.91 1.23 0.00	31.55 1.21 0.00	28.62 1.11 0.00	33.30 1.04 0.00	44.21 1.25 0.00	38.06 1.11 0.00
RIVERBAY____ 323610	35.79 1.17 -12.11	25.97 1.13 0.00	25.99 1.04 0.00	25.88 0.98 0.00	24.37 0.92 0.00	21.23 0.86 0.00	24.55 1.05 0.00	24.20 1.09 0.00	26.31 1.24 0.00	26.72 1.39 0.00	30.99 1.51 0.00	30.61 1.51 0.00	29.96 1.51 0.00	29.67 1.54 0.00	31.03 2.02 0.00	31.54 2.22 0.00	32.07 2.20 0.00	40.06 2.81 0.00	33.97 2.28 0.00	32.42 2.09 0.00	29.31 1.80 0.00	34.06 1.81 0.00	44.71 1.75 0.00	38.58 1.63 0.00
RIVERSDE_115KV_TB3 55908	25.18 0.69 -1.99	25.52 0.68 0.00	25.70 0.75 0.00	25.62 0.72 0.00	24.11 0.65 0.00	20.94 0.57 0.00	24.20 0.69 0.00	23.80 0.69 0.00	25.80 0.73 0.00	26.12 0.80 0.00	30.31 0.83 0.00	29.98 0.87 0.00	29.33 0.88 0.00	28.99 0.86 0.00	29.99 0.98 0.00	30.34 1.03 0.00	30.88 1.00 0.00	38.59 1.34 0.00	32.87 1.18 0.00	31.50 1.17 0.00	28.58 1.07 0.00	33.24 0.98 0.00	44.10 1.14 0.00	37.95 1.01 0.00
ROARING____BROOK_WT_PWR 323790	21.81 -0.70 0.00	24.28 -0.56 0.00	24.48 -0.47 0.00	24.50 -0.40 0.00	23.24 -0.22 0.00	20.14 -0.23 0.00	23.21 -0.30 0.00	22.87 -0.24 0.00	24.61 -0.46 0.00	24.94 -0.40 0.00	29.16 -0.31 0.00	28.75 -0.35 0.00	28.07 -0.38 0.00	27.71 -0.42 0.00	28.27 -0.74 0.00	28.60 -0.72 0.00	29.26 -0.61 0.00	36.26 -0.99 0.00	30.82 -0.86 0.00	29.56 -0.78 0.00	26.76 -0.75 0.00	31.64 -0.62 0.00	42.49 -0.47 0.00	36.69 -0.26 0.00
ROCHESRG_115KV_T4 355643	22.82 0.31 0.00	25.14 0.30 0.00	25.14 0.19 0.00	25.01 0.10 0.00	23.42 -0.04 0.00	20.40 0.03 0.00	23.65 0.15 0.00	23.13 0.02 0.00	25.17 0.10 0.00	25.36 0.03 0.00	29.39 0.02 0.11	29.17 0.08 0.01	28.50 0.05 0.01	28.32 0.19 0.00	29.61 0.59 0.00	29.82 0.50 0.00	30.33 0.46 0.00	37.99 0.75 0.00	32.43 0.74 0.00	31.02 0.68 0.00	28.07 0.55 0.00	32.55 0.29 0.00	43.34 0.38 0.00	37.29 0.34 0.00
ROCHESTER_9_IC 23652	22.97 0.46 0.00	25.30 0.46 0.00	25.29 0.34 0.00	25.15 0.24 0.00	23.55 0.09 0.00	20.52 0.15 0.00	23.80 0.30 0.00	23.28 0.17 0.00	25.33 0.26 0.00	25.53 0.20 0.00	29.61 0.22 0.10	29.40 0.30 0.01	28.72 0.27 0.01	28.55 0.42 0.00	29.85 0.84 0.00	30.08 0.76 0.00	30.59 0.71 0.00	38.33 1.08 0.00	32.71 1.03 0.00	31.29 0.95 0.00	28.30 0.79 0.00	32.81 0.55 0.00	43.67 0.71 0.00	37.56 0.61 0.00
ROCKVIEW_13_KV_LD 356306	32.39 1.31 -8.58	26.01 1.17 0.00	26.08 1.13 0.00	25.97 1.06 0.00	24.41 0.95 0.00	21.25 0.88 0.00	24.67 1.17 0.00	24.34 1.24 0.00	26.40 1.33 0.00	26.81 1.47 0.00	31.11 1.63 0.00	30.73 1.63 0.00	30.10 1.65 0.00	29.82 1.69 0.00	31.16 2.14 0.00	31.67 2.35 0.00	32.24 2.37 0.00	40.37 3.12 0.00	34.21 2.53 0.00	32.64 2.30 0.00	29.50 1.99 0.00	34.26 2.00 0.00	45.08 2.13 0.00	38.82 1.87 0.00
ROME____115KV_TB2 80656	23.18 0.67 0.00	25.61 0.77 0.00	25.63 0.69 0.00	25.64 0.74 0.00	24.17 0.70 0.00	21.02 0.64 0.00	24.30 0.79 0.00	23.93 0.82 0.00	26.09 1.02 0.00	26.40 1.07 0.00	30.86 1.25 -0.14	30.37 1.25 -0.02	29.59 1.13 -0.01	29.23 1.10 0.00	30.17 1.16 0.00	30.48 1.16 0.00	31.18 1.31 0.00	39.08 1.65 -0.19	33.24 1.50 -0.05	31.83 1.46 -0.04	28.85 1.30 -0.04	34.07 1.37 -0.44	44.90 1.56 -0.37	38.42 1.28 -0.20
ROSETON____1 23587	19.48 0.99 4.02	25.74 0.90 0.00	25.82 0.87 0.00	25.72 0.82 0.00	24.20 0.74 0.00	21.04 0.67 0.00	24.39 0.89 0.00	24.04 0.94 0.00	26.08 1.01 0.00	26.46 1.13 0.00	30.70 1.22 0.00	30.33 1.22 0.00	29.70 1.25 0.00	29.41 1.28 0.00	30.65 1.64 0.00	31.12 1.80 0.00	31.68 1.81 0.00	39.65 2.41 0.00	33.65 1.97 0.00	32.14 1.81 0.00	29.08 1.57 0.00	33.79 1.53 0.00	44.56 1.61 0.00	38.38 1.43 0.00
ROSETON____2 23588	19.48 0.99 4.02	25.74 0.90 0.00	25.82 0.87 0.00	25.72 0.82 0.00	24.20 0.74 0.00	21.04 0.67 0.00	24.39 0.89 0.00	24.04 0.94 0.00	26.08 1.01 0.00	26.46 1.13 0.00	30.70 1.22 0.00	30.33 1.22 0.00	29.70 1.25 0.00	29.41 1.28 0.00	30.65 1.64 0.00	31.12 1.80 0.00	31.68 1.81 0.00	39.65 2.41 0.00	33.65 1.97 0.00	32.14 1.81 0.00	29.08 1.57 0.00	33.79 1.53 0.00	44.56 1.61 0.00	38.38 1.43 0.00
ROTTSDAM_115KV_TB3 80664	25.26 0.95 -1.80	25.81 0.97 0.00	25.93 0.98 0.00	25.90 0.99 0.00	24.37 0.90 0.00	21.13 0.76 0.00	24.43 0.93 0.00	24.05 0.94 0.00	26.09 1.02 0.00	26.41 1.08 0.00	30.63 1.15 0.00	30.29 1.19 0.00	29.66 1.21 0.00	29.32 1.19 0.00	30.33 1.32 0.00	30.69 1.38 0.00	31.23 1.35 0.00	39.04 1.80 0.00	33.27 1.58 0.00	31.89 1.55 0.00	28.94 1.43 0.00	33.68 1.43 0.00	44.67 1.71 0.00	38.44 1.49 0.00
RUSSELL____1 23602	23.09 0.58 0.00	25.43 0.59 0.00	25.41 0.46 0.00	25.26 0.35 0.00	23.66 0.19 0.00	20.61 0.24 0.00	23.92 0.41 0.00	23.40 0.29 0.00	25.46 0.39 0.00	25.67 0.34 0.00	29.78 0.40 0.10	29.59 0.50 0.01	28.91 0.46 0.01	28.74 0.61 0.00	30.06 1.05 0.00	30.29 0.97 0.00	30.79 0.92 0.00	38.62 1.37 0.00	32.96 1.28 0.00	31.52 1.19 0.00	28.49 0.98 0.00	33.03 0.77 0.00	43.96 1.00 0.00	37.77 0.82 0.00
RUSSELL____2 23532	23.09 0.58 0.00	25.43 0.59 0.00	25.41 0.46 0.00	25.26 0.35 0.00	23.66 0.19 0.00	20.61 0.24 0.00	23.92 0.41 0.00	23.40 0.29 0.00	25.46 0.39 0.00	25.67 0.34 0.00	29.78 0.40 0.10	29.59 0.50 0.01	28.91 0.46 0.01	28.74 0.61 0.00	30.06 1.05 0.00	30.29 0.97 0.00	30.79 0.92 0.00	38.62 1.37 0.00	32.96 1.28 0.00	31.52 1.19 0.00	28.49 0.98 0.00	33.03 0.77 0.00	43.96 1.00 0.00	37.77 0.82 0.00
RUSSELL____3 23549	23.09 0.58 0.00	25.43 0.59 0.00	25.41 0.46 0.00	25.26 0.35 0.00	23.66 0.19 0.00	20.61 0.24 0.00	23.92 0.41 0.00	23.40 0.29 0.00	25.46 0.39 0.00	25.67 0.34 0.00	29.78 0.40 0.10	29.59 0.50 0.01	28.91 0.46 0.01	28.74 0.61 0.00	30.06 1.05 0.00	30.29 0.97 0.00	30.79 0.92 0.00	38.62 1.37 0.00	32.96 1.28 0.00	31.52 1.19 0.00	28.49 0.98 0.00	33.03 0.77 0.00	43.96 1.00 0.00	37.77 0.82 0.00
RUSSELL____4 23556	23.09 0.58 0.00	25.43 0.59 0.00	25.41 0.46 0.00	25.26 0.35 0.00	23.66 0.19 0.00	20.61 0.24 0.00	23.92 0.41 0.00	23.40 0.29 0.00	25.46 0.39 0.00	25.67 0.34 0.00	29.78 0.40 0.10	29.59 0.50 0.01	28.91 0.46 0.01	28.74 0.61 0.00	30.06 1.05 0.00	30.29 0.97 0.00	30.79 0.92 0.00	38.62 1.37 0.00	32.96 1.28 0.00	31.52 1.19 0.00	28.49 0.98 0.00	33.03 0.77 0.00	43.96 1.00 0.00	37.77 0.82 0.00

RUSSELL___STATION 23914	23.09 0.58 0.00	25.43 0.59 0.00	25.41 0.46 0.00	25.26 0.35 0.00	23.66 0.19 0.00	20.61 0.24 0.00	23.92 0.41 0.00	23.40 0.29 0.00	25.46 0.39 0.00	25.67 0.34 0.00	29.78 0.40 0.10	29.59 0.50 0.01	28.91 0.46 0.01	28.74 0.61 0.00	30.06 1.05 0.00	30.29 0.97 0.00	30.79 0.92 0.00	38.62 1.37 0.00	32.96 1.28 0.00	31.52 1.19 0.00	28.49 0.98 0.00	33.03 0.77 0.00	43.96 1.00 0.00	37.77 0.82 0.00
S SALMON___HYD 24043	22.11 -0.40 0.00	24.37 -0.46 0.00	24.49 -0.46 0.00	24.43 -0.47 0.00	23.03 -0.43 0.00	20.00 -0.37 0.00	23.14 -0.36 0.00	22.78 -0.33 0.00	24.73 -0.34 0.00	25.05 -0.30 -0.02	29.84 -0.35 -0.71	28.81 -0.38 -0.09	28.08 -0.41 -0.04	27.72 -0.41 0.00	28.70 -0.31 0.00	28.92 -0.40 0.00	29.47 -0.40 0.00	37.78 -0.33 -0.86	31.73 -0.19 -0.24	30.31 -0.22 -0.19	27.62 -0.08 -0.19	34.39 -0.08 -2.22	44.63 -0.19 -1.87	37.76 -0.18 -0.98
S.PERRY___115KV_TB1 80734	23.02 0.51 0.00	25.24 0.40 0.00	25.24 0.29 0.00	25.03 0.13 0.00	23.38 -0.08 0.00	20.47 0.10 0.00	23.88 0.37 0.00	23.39 0.28 0.00	25.12 0.05 0.00	25.15 -0.18 0.00	29.20 -0.28 0.00	28.93 -0.18 0.00	28.33 -0.12 0.00	28.04 -0.09 0.00	29.41 0.40 0.00	30.22 0.90 0.00	31.02 1.15 0.00	38.80 1.56 0.00	33.20 1.52 0.00	31.75 1.41 0.00	29.06 1.55 0.00	33.76 1.50 0.00	44.93 1.97 0.00	38.55 1.61 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.05 0.55 0.00	25.43 0.59 0.00	25.39 0.44 0.00	25.24 0.33 0.00	23.56 0.10 0.00	20.53 0.16 0.00	23.82 0.31 0.00	23.19 0.08 0.00	25.28 0.21 0.00	25.40 0.07 0.00	29.38 -0.09 0.00	29.05 -0.06 0.00	28.35 -0.10 0.00	28.22 0.09 0.00	29.69 0.68 0.00	29.75 0.43 0.00	30.22 0.35 0.00	37.74 0.49 0.00	32.23 0.55 0.00	30.88 0.54 0.00	27.98 0.47 0.00	32.32 0.06 0.00	43.24 0.28 0.00	37.36 0.41 0.00
SAWYER___23_KV_LOAD 55526	23.05 0.55 0.00	25.43 0.59 0.00	25.39 0.44 0.00	25.24 0.33 0.00	23.56 0.10 0.00	20.53 0.16 0.00	23.82 0.31 0.00	23.19 0.08 0.00	25.28 0.21 0.00	25.40 0.07 0.00	29.38 -0.09 0.00	29.05 -0.06 0.00	28.35 -0.10 0.00	28.22 0.09 0.00	29.69 0.68 0.00	29.75 0.43 0.00	30.22 0.35 0.00	37.74 0.49 0.00	32.23 0.55 0.00	30.88 0.54 0.00	27.98 0.47 0.00	32.32 0.06 0.00	43.24 0.28 0.00	37.36 0.41 0.00
SELKIRK___I 23801	24.99 0.73 -1.75	25.68 0.84 0.00	25.86 0.91 0.00	25.81 0.91 0.00	24.29 0.83 0.00	21.07 0.70 0.00	24.35 0.84 0.00	23.93 0.82 0.00	25.94 0.87 0.00	26.23 0.90 0.00	30.41 0.93 0.00	30.07 0.96 0.00	29.40 0.95 0.00	29.07 0.94 0.00	30.07 1.06 0.00	30.40 1.09 0.00	30.94 1.07 0.00	38.66 1.41 0.00	32.95 1.26 0.00	31.58 1.24 0.00	28.65 1.14 0.00	33.36 1.10 0.00	44.30 1.34 0.00	38.12 1.17 0.00
SELKIRK___II 23799	24.89 0.51 -1.87	25.47 0.63 0.00	25.65 0.70 0.00	25.59 0.69 0.00	24.09 0.63 0.00	20.90 0.53 0.00	24.16 0.65 0.00	23.76 0.65 0.00	25.75 0.68 0.00	26.06 0.73 0.00	30.22 0.74 0.00	29.89 0.78 0.00	29.23 0.77 0.00	28.90 0.77 0.00	29.92 0.91 0.00	30.27 0.95 0.00	30.80 0.93 0.00	38.48 1.24 0.00	32.78 1.09 0.00	31.41 1.07 0.00	28.48 0.97 0.00	33.16 0.90 0.00	44.00 1.04 0.00	37.87 0.92 0.00
SENECA OSWGO___HYD 24041	22.08 -0.43 0.00	24.31 -0.52 0.00	24.39 -0.56 0.00	24.34 -0.57 0.00	22.90 -0.56 0.00	19.92 -0.45 0.00	23.01 -0.49 0.00	22.61 -0.50 0.00	24.57 -0.51 0.00	24.86 -0.50 -0.03	29.87 -0.60 -0.99	28.64 -0.59 -0.12	27.94 -0.57 -0.06	27.62 -0.51 0.00	28.67 -0.34 0.00	28.99 -0.33 0.00	29.57 -0.30 0.00	38.21 -0.24 -1.20	31.83 -0.18 -0.33	30.41 -0.19 -0.27	27.58 -0.19 -0.27	34.93 -0.40 -3.07	44.88 -0.67 -2.59	37.70 -0.62 -1.36
SENECA___115KV_TB3 355854	23.23 0.72 0.00	25.60 0.76 0.00	25.55 0.59 0.00	25.40 0.50 0.00	23.72 0.26 0.00	20.67 0.30 0.00	24.03 0.52 0.00	23.44 0.33 0.00	25.57 0.50 0.00	25.69 0.36 0.00	29.71 0.23 0.00	29.37 0.27 0.00	28.67 0.21 0.00	28.53 0.40 0.00	30.01 1.00 0.00	30.07 0.75 0.00	30.56 0.69 0.00	38.14 0.90 0.00	32.55 0.86 0.00	31.18 0.84 0.00	28.24 0.73 0.00	32.63 0.38 0.00	43.64 0.68 0.00	37.65 0.70 0.00
SENECA___ENERGY 23797	22.61 0.11 0.00	24.89 0.05 0.00	24.90 -0.05 0.00	24.79 -0.11 0.00	23.28 -0.17 0.00	20.31 -0.06 0.00	23.60 0.09 0.00	23.18 0.07 0.00	25.21 0.14 0.00	25.50 0.16 -0.01	29.89 0.03 -0.38	29.15 0.00 -0.05	28.50 0.03 -0.02	28.23 0.10 0.00	29.52 0.50 0.00	29.74 0.42 0.00	30.32 0.45 0.00	38.51 0.76 -0.50	32.51 0.69 -0.14	31.08 0.63 -0.11	28.17 0.55 -0.11	33.84 0.29 -1.29	44.24 0.19 -1.09	37.64 0.12 -0.57
SHOEMAKER___GT 23640	17.80 0.88 5.59	25.65 0.81 0.00	25.72 0.77 0.00	25.62 0.72 0.00	24.10 0.64 0.00	20.95 0.58 0.00	24.30 0.79 0.00	23.94 0.83 0.00	25.96 0.89 0.00	26.33 1.00 0.00	30.56 1.09 0.00	30.20 1.10 0.00	29.55 1.10 0.00	29.23 1.10 0.00	30.42 1.41 0.00	30.89 1.58 0.00	31.46 1.58 0.00	39.40 2.15 0.00	33.49 1.80 0.00	31.99 1.66 0.00	28.95 1.44 0.00	33.66 1.40 0.00	44.43 1.47 0.00	38.24 1.29 0.00
SHOEMAKR_138KV_BK 111 55601	17.97 0.87 5.40	25.59 0.75 0.00	25.69 0.74 0.00	25.59 0.69 0.00	24.08 0.62 0.00	20.93 0.56 0.00	24.26 0.75 0.00	23.92 0.81 0.00	25.94 0.87 0.00	26.32 0.98 0.00	30.55 1.07 0.00	30.19 1.08 0.00	29.53 1.08 0.00	29.23 1.10 0.00	30.43 1.42 0.00	30.90 1.58 0.00	31.46 1.59 0.00	39.39 2.15 0.00	33.46 1.78 0.00	31.98 1.64 0.00	28.94 1.43 0.00	33.63 1.38 0.00	44.38 1.42 0.00	38.21 1.26 0.00
SHOREHAM_IC_1 23715	186.86 2.47 -161.88	50.34 2.54 -22.96	43.65 2.36 -16.34	27.03 2.13 0.00	25.20 1.74 0.00	21.97 1.60 0.00	25.70 2.20 0.00	25.30 2.20 0.00	27.52 2.45 0.00	28.69 2.50 -0.86	32.80 2.77 -0.54	31.60 2.49 0.00	31.14 2.69 0.00	31.71 2.82 -0.76	49.78 3.51 -17.26	219.81 3.74 -186.76	217.63 3.46 -184.31	196.13 4.11 -154.78	271.96 3.48 -236.79	106.87 3.43 -73.10	134.92 2.95 -104.47	76.14 3.43 -40.45	49.58 4.73 -1.88	40.95 3.99 -0.01
SHOREHAM_IC_2 23716	186.86 2.47 -161.88	50.34 2.54 -22.96	43.65 2.36 -16.34	27.03 2.13 0.00	25.20 1.74 0.00	21.97 1.60 0.00	25.70 2.20 0.00	25.30 2.20 0.00	27.52 2.45 0.00	28.69 2.50 -0.86	32.80 2.77 -0.54	31.60 2.49 0.00	31.14 2.69 0.00	31.71 2.82 -0.76	49.78 3.51 -17.26	219.81 3.74 -186.76	217.63 3.46 -184.31	196.13 4.11 -154.78	271.96 3.48 -236.79	106.87 3.43 -73.10	134.92 2.95 -104.47	76.14 3.43 -40.45	49.58 4.73 -1.88	40.95 3.99 -0.01
SISSONVILLE___ 23735	22.34 -0.17 0.00	24.80 -0.04 0.00	24.98 0.03 0.00	25.00 0.10 0.00	23.68 0.21 0.00	20.57 0.19 0.00	23.73 0.22 0.00	23.31 0.20 0.00	25.21 0.14 0.00	25.35 0.02 0.00	29.72 0.13 -0.11	29.22 0.10 -0.01	28.46 0.00 -0.01	27.91 -0.22 0.00	28.31 -0.70 0.00	28.22 -1.09 0.00	28.75 -1.12 0.00	35.24 -2.14 -0.13	29.77 -1.95 -0.04	28.66 -1.71 -0.03	26.18 -1.36 -0.03	31.92 -0.67 -0.33	43.28 0.04 -0.28	37.37 0.28 -0.15

SITHE_IND_GS1 24169	21.80 -0.70 0.00	24.04 -0.80 0.00	24.12 -0.83 0.00	24.08 -0.83 0.00	22.65 -0.81 0.00	19.70 -0.67 0.00	22.74 -0.76 0.00	22.34 -0.77 0.00	24.26 -0.81 0.00	24.44 -0.80 0.09	25.43 -0.97 3.08	27.77 -0.95 0.39	27.34 -0.92 0.19	27.27 -0.86 0.00	28.28 -0.73 0.00	28.56 -0.76 0.00	29.13 -0.75 0.00	32.98 -0.84 3.43	30.05 -0.70 0.94	28.90 -0.68 0.76	26.11 -0.64 0.76	22.55 -0.88 8.83	34.26 -1.25 7.44	31.93 -1.10 3.92
SITHE_IND_GS2 24170	21.80 -0.70 0.00	24.04 -0.80 0.00	24.12 -0.83 0.00	24.08 -0.83 0.00	22.65 -0.81 0.00	19.70 -0.67 0.00	22.74 -0.76 0.00	22.34 -0.77 0.00	24.26 -0.81 0.00	24.44 -0.80 0.09	25.43 -0.97 3.08	27.77 -0.95 0.39	27.34 -0.92 0.19	27.27 -0.86 0.00	28.28 -0.73 0.00	28.56 -0.76 0.00	29.13 -0.75 0.00	32.98 -0.84 3.43	30.05 -0.70 0.94	28.90 -0.68 0.76	26.11 -0.64 0.76	22.55 -0.88 8.83	34.26 -1.25 7.44	31.93 -1.10 3.92
SITHE_IND_GS3 24171	21.80 -0.70 0.00	24.04 -0.80 0.00	24.12 -0.83 0.00	24.08 -0.83 0.00	22.65 -0.81 0.00	19.70 -0.67 0.00	22.74 -0.76 0.00	22.34 -0.77 0.00	24.26 -0.81 0.00	24.44 -0.80 0.09	25.43 -0.97 3.08	27.77 -0.95 0.39	27.34 -0.92 0.19	27.27 -0.86 0.00	28.28 -0.73 0.00	28.56 -0.76 0.00	29.13 -0.75 0.00	32.98 -0.84 3.43	30.05 -0.70 0.94	28.90 -0.68 0.76	26.11 -0.64 0.76	22.55 -0.88 8.83	34.26 -1.25 7.44	31.93 -1.10 3.92
SITHE_IND_GS4 24172	21.80 -0.70 0.00	24.04 -0.80 0.00	24.12 -0.83 0.00	24.08 -0.83 0.00	22.65 -0.81 0.00	19.70 -0.67 0.00	22.74 -0.76 0.00	22.34 -0.77 0.00	24.26 -0.81 0.00	24.44 -0.80 0.09	25.43 -0.97 3.08	27.77 -0.95 0.39	27.34 -0.92 0.19	27.27 -0.86 0.00	28.28 -0.73 0.00	28.56 -0.76 0.00	29.13 -0.75 0.00	32.98 -0.84 3.43	30.05 -0.70 0.94	28.90 -0.68 0.76	26.11 -0.64 0.76	22.55 -0.88 8.83	34.26 -1.25 7.44	31.93 -1.10 3.92
SITHE___BATAVIA 24024	23.55 1.04 0.00	25.89 1.05 0.00	25.91 0.96 0.00	25.73 0.83 0.00	24.07 0.61 0.00	20.97 0.60 0.00	24.36 0.86 0.00	23.78 0.67 0.00	25.92 0.85 0.00	25.97 0.64 0.00	30.18 0.71 0.00	29.87 0.76 0.00	29.18 0.73 0.00	29.04 0.91 0.00	30.53 1.52 0.00	30.62 1.30 0.00	31.06 1.19 0.00	38.77 1.52 0.00	33.19 1.50 0.00	31.80 1.46 0.00	28.86 1.34 0.00	33.34 1.08 0.00	44.44 1.48 0.00	38.25 1.31 0.00
SITHE___INDEPEND 23800	21.80 -0.71 0.00	24.05 -0.79 0.00	24.12 -0.83 0.00	24.07 -0.83 0.00	22.65 -0.81 0.00	19.70 -0.67 0.00	22.75 -0.76 0.00	22.34 -0.77 0.00	24.26 -0.81 0.00	24.44 -0.81 0.09	25.43 -0.97 3.08	27.77 -0.95 0.39	27.34 -0.92 0.19	27.27 -0.86 0.00	28.28 -0.73 0.00	28.56 -0.76 0.00	29.13 -0.75 0.00	32.97 -0.84 3.43	30.05 -0.70 0.94	28.90 -0.68 0.76	26.11 -0.64 0.76	22.56 -0.87 8.83	34.26 -1.25 7.44	31.93 -1.10 3.92
SITHE___MASSENA 23902	22.39 -0.12 0.00	24.82 -0.02 0.00	25.00 0.05 0.00	25.00 0.09 0.00	23.64 0.18 0.00	20.54 0.16 0.00	23.65 0.15 0.00	23.22 0.11 0.00	25.12 0.05 0.00	25.29 -0.04 0.00	29.53 0.05 0.00	29.14 0.03 0.00	28.43 -0.02 0.00	28.01 -0.12 0.00	28.58 -0.43 0.00	28.69 -0.62 0.00	29.24 -0.63 0.00	35.81 -1.44 0.00	30.42 -1.27 0.00	29.16 -1.18 0.00	26.55 -0.96 0.00	31.92 -0.34 0.00	43.09 0.13 0.00	37.18 0.23 0.00
SITHE___OGDNSBRG 24021	22.70 0.19 0.00	25.20 0.36 0.00	25.37 0.42 0.00	25.38 0.47 0.00	24.02 0.56 0.00	20.89 0.52 0.00	24.10 0.59 0.00	23.66 0.55 0.00	25.60 0.53 0.00	25.65 0.32 0.00	29.98 0.51 0.00	29.57 0.47 0.00	28.81 0.36 0.00	28.35 0.21 0.00	28.87 -0.14 0.00	28.91 -0.40 0.00	29.50 -0.37 0.00	36.09 -1.26 -0.10	30.53 -1.18 -0.03	29.36 -1.00 -0.02	26.83 -0.71 -0.02	32.62 0.10 -0.25	44.06 0.88 -0.22	37.93 0.87 -0.11
SITHE___STERLING 23777	23.03 0.52 0.00	25.35 0.51 0.00	25.43 0.48 0.00	25.42 0.51 0.00	23.95 0.49 0.00	20.80 0.43 0.00	24.06 0.55 0.00	23.70 0.59 0.00	25.82 0.75 0.00	26.16 0.82 0.00	30.57 0.95 -0.14	30.07 0.95 -0.02	29.32 0.86 -0.01	28.98 0.85 0.00	29.97 0.96 0.00	30.28 0.96 0.00	30.92 1.05 0.00	38.77 1.31 -0.20	32.96 1.22 -0.05	31.56 1.18 -0.04	28.60 1.04 -0.04	33.79 1.04 -0.49	44.52 1.14 -0.42	38.08 0.91 -0.22
SLEIGHT___34_KV_TB1 80719	23.03 0.52 0.00	25.41 0.57 0.00	25.38 0.43 0.00	25.28 0.37 0.00	23.77 0.31 0.00	20.73 0.36 0.00	24.11 0.60 0.00	23.67 0.56 0.00	25.77 0.70 0.00	26.16 0.82 -0.01	30.68 0.90 -0.30	30.06 0.92 -0.04	29.45 0.98 -0.02	29.14 1.01 0.00	30.39 1.38 0.00	30.61 1.30 0.00	31.26 1.39 0.00	39.30 1.64 -0.41	33.20 1.41 -0.11	31.73 1.30 -0.09	28.65 1.04 -0.09	34.29 0.98 -1.06	44.86 1.01 -0.89	38.25 0.83 -0.47
SOUTH CAIRO___GT 23612	25.23 1.35 -1.37	26.38 1.55 0.00	26.57 1.61 0.00	26.48 1.58 0.00	24.93 1.47 0.00	21.68 1.31 0.00	25.06 1.55 0.00	24.68 1.57 0.00	26.71 1.64 0.00	26.99 1.66 0.00	31.29 1.81 0.00	31.07 1.97 0.00	30.33 1.88 0.00	29.87 1.74 0.00	30.86 1.85 0.00	31.00 1.68 0.00	31.54 1.67 0.00	39.57 2.33 0.00	33.83 2.14 0.00	32.54 2.21 0.00	29.66 2.14 0.00	34.48 2.22 0.00	45.70 2.74 0.00	39.21 2.26 0.00
SOUTH HAMPTN___IC 23720	187.23 2.84 -161.88	50.74 2.94 -22.96	44.05 2.75 -16.34	27.41 2.50 0.00	25.55 2.09 0.00	22.29 1.91 0.00	26.10 2.59 0.00	25.70 2.59 0.00	27.97 2.90 0.00	29.15 2.96 -0.86	33.35 3.33 -0.54	32.17 3.07 0.00	31.72 3.26 0.00	32.30 3.41 -0.76	50.39 4.12 -17.26	215.13 4.30 -181.50	216.28 4.21 -182.19	197.07 5.43 -154.39	272.96 4.48 -236.79	107.57 4.13 -73.10	135.73 3.75 -104.47	76.82 4.11 -40.45	50.34 5.50 -1.88	41.57 4.61 -0.01
SOUTHDOW_115KV_TB1 355954	23.45 0.94 0.00	25.76 0.92 0.00	25.67 0.72 0.00	25.54 0.64 0.00	23.89 0.43 0.00	20.83 0.46 0.00	24.32 0.82 0.00	23.85 0.74 0.00	26.01 0.94 0.00	26.25 0.92 0.00	30.32 0.84 0.00	30.05 0.95 0.00	29.20 0.75 0.00	29.22 1.08 0.00	30.85 1.84 0.00	30.83 1.51 0.00	31.29 1.41 0.00	38.81 1.56 0.00	33.10 1.41 0.00	31.82 1.48 0.00	28.70 1.19 0.00	33.03 0.77 0.00	44.13 1.17 0.00	38.16 1.21 0.00
SOUTHOLD_69_KV_BK 2 55809	187.83 3.43 -161.88	51.16 3.35 -22.96	44.63 3.34 -16.34	27.93 3.02 0.00	26.03 2.57 0.00	22.67 2.30 0.00	26.63 3.12 0.00	26.28 3.17 0.00	28.53 3.46 0.00	29.78 3.60 -0.86	34.08 4.06 -0.54	32.90 3.79 0.00	32.42 3.97 0.00	33.04 4.15 -0.76	51.16 4.89 -17.26	215.71 4.83 -181.56	216.47 4.39 -182.21	198.29 6.66 -154.39	273.96 5.48 -236.79	108.42 4.98 -73.10	136.48 4.50 -104.47	77.66 4.95 -40.45	51.49 6.65 -1.88	42.38 5.42 -0.01
SOUTHOLD___IC 23719	187.76 3.37 -161.88	51.34 3.54 -22.96	44.60 3.31 -16.34	27.93 3.02 0.00	26.03 2.56 0.00	22.72 2.35 0.00	26.66 3.15 0.00	26.25 3.15 0.00	28.56 3.49 0.00	29.78 3.60 -0.86	34.08 4.06 -0.54	32.90 3.79 0.00	32.42 3.97 0.00	33.04 4.15 -0.76	51.15 4.88 -17.26	215.71 4.83 -181.56	216.47 4.39 -182.21	198.29 6.65 -154.39	273.95 5.48 -236.79	108.42 4.98 -73.10	136.48 4.50 -104.47	77.67 4.96 -40.45	51.50 6.66 -1.88	42.49 5.53 -0.01

SPIERFLS_115KV_TB1 80737	25.76 1.37 -1.88	26.20 1.36 0.00	26.31 1.35 0.00	26.21 1.31 0.00	24.67 1.20 0.00	21.46 1.08 0.00	24.87 1.36 0.00	24.51 1.40 0.00	26.59 1.52 0.00	26.87 1.54 0.00	30.96 1.49 0.00	30.70 1.59 0.00	30.06 1.61 0.00	29.51 1.38 0.00	30.53 1.52 0.00	30.95 1.64 0.00	31.46 1.59 0.00	39.45 2.20 0.00	33.83 2.15 0.00	32.42 2.09 0.00	29.67 2.15 0.00	34.40 2.14 0.00	45.56 2.60 0.00	39.19 2.24 0.00
ST LAWRENCE____ 23600	22.10 -0.40 0.00	24.52 -0.32 0.00	24.67 -0.28 0.00	24.66 -0.25 0.00	23.31 -0.15 0.00	20.25 -0.12 0.00	23.31 -0.19 0.00	22.89 -0.21 0.00	24.79 -0.28 0.00	24.97 -0.36 0.00	29.15 -0.33 0.00	28.77 -0.34 0.00	28.08 -0.38 0.00	27.68 -0.45 0.00	28.26 -0.75 0.00	28.48 -0.84 0.00	29.04 -0.83 0.00	35.85 -1.39 0.00	30.46 -1.23 0.00	29.18 -1.16 0.00	26.55 -0.97 0.00	31.60 -0.66 0.00	42.49 -0.48 0.00	36.62 -0.33 0.00
STATE_CA_115KV_115_LB 55624	25.15 0.70 -1.94	25.53 0.70 0.00	25.71 0.76 0.00	25.63 0.73 0.00	24.13 0.67 0.00	20.97 0.60 0.00	24.23 0.72 0.00	23.83 0.73 0.00	25.85 0.78 0.00	26.18 0.85 0.00	30.38 0.90 0.00	30.05 0.95 0.00	29.41 0.95 0.00	29.06 0.93 0.00	30.06 1.05 0.00	30.43 1.11 0.00	30.97 1.10 0.00	38.69 1.44 0.00	32.96 1.27 0.00	31.59 1.25 0.00	28.65 1.13 0.00	33.30 1.04 0.00	44.17 1.21 0.00	38.00 1.05 0.00
STATE_ST_34_KV_LOAD 55959	22.93 0.42 0.00	25.20 0.36 0.00	25.29 0.33 0.00	25.06 0.16 0.00	23.58 0.12 0.00	20.58 0.21 0.00	23.96 0.45 0.00	23.51 0.40 0.00	25.42 0.35 0.00	25.77 0.43 -0.01	30.33 0.38 -0.47	29.44 0.27 -0.06	28.79 0.30 -0.03	28.55 0.42 0.00	29.75 0.74 0.00	29.92 0.59 0.00	30.50 0.63 0.00	39.12 1.27 -0.60	32.97 1.12 -0.16	31.53 1.06 -0.13	28.47 0.83 -0.13	34.57 0.78 -1.54	45.03 0.77 -1.30	38.28 0.65 -0.68
STATION 5_MISC_HYD 23604	22.97 0.46 0.00	25.27 0.43 0.00	25.29 0.34 0.00	25.14 0.24 0.00	23.56 0.09 0.00	20.52 0.15 0.00	23.80 0.29 0.00	23.28 0.18 0.00	25.33 0.26 0.00	25.53 0.21 0.00	29.61 0.23 0.10	29.40 0.30 0.01	28.72 0.27 0.01	28.55 0.42 0.00	29.86 0.85 0.00	30.08 0.76 0.00	30.59 0.71 0.00	38.33 1.08 0.00	32.72 1.03 0.00	31.29 0.95 0.00	28.30 0.79 0.00	32.81 0.55 0.00	43.66 0.70 0.00	37.55 0.60 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.91 0.40 0.00	25.22 0.38 0.00	25.21 0.26 0.00	25.10 0.20 0.00	23.55 0.09 0.00	20.53 0.16 0.00	23.83 0.32 0.00	23.37 0.26 0.00	25.47 0.40 0.00	25.73 0.40 0.00	29.90 0.42 0.00	29.59 0.48 0.00	28.89 0.44 0.00	28.69 0.56 0.00	29.97 0.96 0.00	30.20 0.88 0.00	30.75 0.88 0.00	38.61 1.22 -0.14	32.84 1.11 -0.04	31.39 1.02 -0.03	28.41 0.86 -0.03	33.25 0.63 -0.36	43.97 0.71 -0.30	37.68 0.57 -0.16
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.77 0.26 0.00	25.08 0.25 0.00	25.07 0.12 0.00	24.94 0.03 0.00	23.36 -0.10 0.00	20.35 -0.02 0.00	23.62 0.11 0.00	23.11 0.01 0.00	25.17 0.10 0.00	25.38 0.06 0.00	29.46 0.07 0.09	29.25 0.15 0.01	28.57 0.13 0.01	28.41 0.28 0.00	29.69 0.68 0.00	29.92 0.60 0.00	30.43 0.56 0.00	38.12 0.87 0.00	32.52 0.84 0.00	31.09 0.75 0.00	28.11 0.60 0.00	32.60 0.34 0.00	43.36 0.40 0.00	37.27 0.32 0.00
STA_56____34_KV_BUS2 355983	22.77 0.26 0.00	25.08 0.25 0.00	25.07 0.12 0.00	24.94 0.03 0.00	23.36 -0.10 0.00	20.35 -0.02 0.00	23.62 0.11 0.00	23.11 0.01 0.00	25.17 0.10 0.00	25.38 0.06 0.00	29.46 0.07 0.09	29.25 0.15 0.01	28.57 0.13 0.01	28.41 0.28 0.00	29.69 0.68 0.00	29.92 0.60 0.00	30.43 0.56 0.00	38.12 0.87 0.00	32.52 0.84 0.00	31.09 0.75 0.00	28.11 0.60 0.00	32.60 0.34 0.00	43.36 0.40 0.00	37.27 0.32 0.00
STA_67____115KV_BK2 355882	22.91 0.40 0.00	25.24 0.40 0.00	25.24 0.29 0.00	25.09 0.19 0.00	23.50 0.04 0.00	20.48 0.10 0.00	23.75 0.24 0.00	23.22 0.11 0.00	25.27 0.20 0.00	25.47 0.14 0.00	29.52 0.14 0.10	29.31 0.21 0.01	28.63 0.18 0.01	28.46 0.33 0.00	29.76 0.75 0.00	29.98 0.66 0.00	30.49 0.62 0.00	38.20 0.95 0.00	32.61 0.92 0.00	31.19 0.85 0.00	28.21 0.70 0.00	32.71 0.45 0.00	43.55 0.59 0.00	37.46 0.51 0.00
STA_7____115KV_9TRANS 80674	23.09 0.58 0.00	25.43 0.59 0.00	25.41 0.46 0.00	25.26 0.35 0.00	23.66 0.19 0.00	20.61 0.24 0.00	23.92 0.41 0.00	23.40 0.29 0.00	25.46 0.39 0.00	25.67 0.34 0.00	29.78 0.40 0.10	29.59 0.50 0.01	28.91 0.46 0.01	28.74 0.61 0.00	30.06 1.05 0.00	30.29 0.97 0.00	30.79 0.92 0.00	38.62 1.37 0.00	32.96 1.28 0.00	31.52 1.19 0.00	28.49 0.98 0.00	33.03 0.77 0.00	43.96 1.00 0.00	37.77 0.82 0.00
STA_82____115KV_TB1 80780	22.93 0.42 0.00	25.25 0.41 0.00	25.24 0.29 0.00	25.11 0.21 0.00	23.51 0.05 0.00	20.49 0.12 0.00	23.76 0.26 0.00	23.24 0.13 0.00	25.29 0.22 0.00	25.48 0.15 0.00	29.55 0.16 0.09	29.33 0.24 0.01	28.65 0.20 0.01	28.48 0.35 0.00	29.78 0.76 0.00	30.00 0.68 0.00	30.52 0.64 0.00	38.23 0.98 0.00	32.64 0.95 0.00	31.22 0.88 0.00	28.24 0.73 0.00	32.74 0.48 0.00	43.58 0.63 0.00	37.49 0.54 0.00
STEEL____WIND 323596	23.22 0.71 0.00	25.51 0.67 0.00	25.52 0.58 0.00	25.38 0.47 0.00	23.70 0.24 0.00	20.65 0.27 0.00	24.01 0.50 0.00	23.43 0.33 0.00	25.54 0.47 0.00	25.67 0.34 0.00	29.68 0.20 0.00	29.32 0.22 0.00	28.61 0.16 0.00	28.46 0.33 0.00	29.95 0.94 0.00	29.99 0.67 0.00	30.49 0.62 0.00	38.07 0.82 0.00	32.48 0.80 0.00	31.12 0.79 0.00	28.20 0.69 0.00	32.61 0.36 0.00	43.58 0.62 0.00	37.59 0.65 0.00
STEPHTWN_115KV_BK_2 55603	25.18 0.72 -1.96	25.54 0.70 0.00	25.78 0.83 0.00	25.74 0.83 0.00	24.16 0.70 0.00	20.98 0.61 0.00	24.28 0.77 0.00	23.91 0.80 0.00	25.93 0.86 0.00	26.26 0.93 0.00	30.44 0.96 0.00	30.11 1.00 0.00	29.47 1.03 0.00	29.16 1.03 0.00	30.20 1.18 0.00	30.60 1.28 0.00	31.14 1.26 0.00	38.91 1.67 0.00	33.10 1.42 0.00	31.77 1.43 0.00	28.75 1.23 0.00	33.47 1.21 0.00	44.39 1.43 0.00	38.12 1.17 0.00
STEBEN_REC_LFGE 323667	23.14 0.63 0.00	25.40 0.56 0.00	25.29 0.34 0.00	25.12 0.22 0.00	23.45 -0.01 0.00	20.63 0.26 0.00	24.03 0.52 0.00	23.61 0.49 0.00	25.93 0.86 0.00	26.06 0.73 0.00	30.06 0.48 -0.11	29.60 0.48 -0.01	28.87 0.41 -0.01	28.67 0.54 0.00	30.10 1.09 0.00	30.13 0.82 0.00	30.82 0.94 0.00	38.76 1.33 -0.18	32.93 1.19 -0.05	31.22 0.84 -0.04	28.37 0.82 -0.04	33.15 0.42 -0.47	43.98 0.63 -0.40	37.65 0.49 -0.21
STONY____BROOK 24151	186.73 2.34 -161.88	50.18 2.38 -22.96	43.51 2.22 -16.34	26.88 1.98 0.00	25.06 1.60 0.00	21.84 1.47 0.00	25.55 2.05 0.00	25.18 2.07 0.00	27.27 2.21 0.00	28.40 2.21 -0.86	32.48 2.46 -0.54	31.38 2.27 0.00	31.02 2.57 0.00	31.58 2.69 -0.76	49.64 3.37 -17.26	249.15 3.58 -216.26	229.68 3.61 -196.19	198.89 4.67 -156.98	272.25 3.77 -236.79	106.95 3.51 -73.10	135.17 3.19 -104.47	76.10 3.39 -40.45	49.19 4.35 -1.88	40.68 3.72 -0.01

STURGEON_POOL_HYD 23609	23.53 1.02 0.00	25.72 0.88 0.00	25.79 0.84 0.00	25.72 0.81 0.00	24.19 0.73 0.00	21.00 0.63 0.00	24.36 0.85 0.00	24.04 0.93 0.00	26.11 1.04 0.00	26.54 1.21 0.00	30.80 1.32 0.00	30.40 1.30 0.00	29.77 1.32 0.00	29.51 1.38 0.00	30.78 1.77 0.00	31.32 2.00 0.00	31.89 2.02 0.00	39.88 2.64 0.00	33.80 2.11 0.00	32.26 1.92 0.00	29.15 1.64 0.00	33.85 1.59 0.00	44.60 1.64 0.00	38.42 1.47 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.21 0.89 6.19	25.62 0.78 0.00	25.68 0.73 0.00	25.61 0.71 0.00	24.10 0.64 0.00	20.95 0.58 0.00	24.27 0.76 0.00	23.94 0.83 0.00	25.98 0.92 0.00	26.40 1.07 0.00	30.66 1.18 0.00	30.30 1.19 0.00	29.67 1.22 0.00	29.37 1.24 0.00	30.63 1.62 0.00	31.11 1.79 0.00	31.68 1.81 0.00	39.62 2.37 0.00	33.62 1.94 0.00	32.11 1.78 0.00	29.04 1.53 0.00	33.73 1.47 0.00	44.43 1.47 0.00	38.28 1.33 0.00
SWANROAD_115KV_TB1 355699	22.71 0.20 0.00	25.05 0.21 0.00	25.02 0.07 0.00	24.86 -0.05 0.00	23.22 -0.24 0.00	20.21 -0.16 0.00	23.41 -0.10 0.00	22.75 -0.36 0.00	24.80 -0.27 0.00	24.88 -0.45 0.00	28.79 -0.69 0.00	28.47 -0.63 0.00	27.82 -0.64 0.00	27.72 -0.42 0.00	29.15 0.14 0.00	29.23 -0.09 0.00	29.63 -0.25 0.00	36.99 -0.26 0.00	31.64 -0.04 0.00	30.34 0.00 0.00	27.53 0.02 0.00	31.75 -0.51 0.00	42.54 -0.41 0.00	36.74 -0.21 0.00
SYNERGY___BIOGAS 323694	23.55 1.04 0.00	25.89 1.05 0.00	25.91 0.96 0.00	25.73 0.83 0.00	24.07 0.61 0.00	20.97 0.60 0.00	24.36 0.86 0.00	23.78 0.67 0.00	25.92 0.85 0.00	25.97 0.64 0.00	30.18 0.71 0.00	29.87 0.76 0.00	29.18 0.73 0.00	29.04 0.91 0.00	30.53 1.52 0.00	30.62 1.30 0.00	31.06 1.19 0.00	38.77 1.52 0.00	33.19 1.50 0.00	31.80 1.46 0.00	28.86 1.34 0.00	33.34 1.08 0.00	44.44 1.48 0.00	38.25 1.31 0.00
SYRACUSE___ENERGY_ST1 323597	22.46 -0.05 0.00	24.75 -0.09 0.00	24.81 -0.14 0.00	24.73 -0.18 0.00	23.24 -0.22 0.00	20.25 -0.12 0.00	23.45 -0.06 0.00	23.01 -0.10 0.00	24.99 -0.08 0.00	25.30 -0.05 -0.02	29.90 -0.11 -0.53	29.05 -0.12 -0.07	28.40 -0.08 -0.03	28.12 -0.01 0.00	29.21 0.20 0.00	29.52 0.20 0.00	30.12 0.25 0.00	38.41 0.49 -0.67	32.31 0.44 -0.18	30.88 0.39 -0.15	27.97 0.31 -0.15	34.14 0.17 -1.72	44.47 0.06 -1.45	37.71 0.00 -0.76
SYRACUSE___ENERGY_ST2 323598	22.46 -0.05 0.00	24.75 -0.09 0.00	24.81 -0.14 0.00	24.73 -0.18 0.00	23.24 -0.22 0.00	20.25 -0.12 0.00	23.45 -0.06 0.00	23.01 -0.10 0.00	24.99 -0.08 0.00	25.30 -0.05 -0.02	29.90 -0.11 -0.53	29.05 -0.12 -0.07	28.40 -0.08 -0.03	28.12 -0.01 0.00	29.21 0.20 0.00	29.52 0.20 0.00	30.12 0.25 0.00	38.41 0.49 -0.67	32.31 0.44 -0.18	30.88 0.39 -0.15	27.97 0.31 -0.15	34.14 0.17 -1.72	44.47 0.06 -1.45	37.71 0.00 -0.76
SYRACUSE___POWER 24017	22.44 -0.07 0.00	24.72 -0.12 0.00	24.76 -0.19 0.00	24.72 -0.18 0.00	23.23 -0.23 0.00	20.22 -0.15 0.00	23.38 -0.13 0.00	22.97 -0.14 0.00	24.98 -0.09 0.00	25.28 -0.06 -0.01	29.68 -0.12 -0.33	29.02 -0.12 -0.04	28.36 -0.11 -0.02	28.09 -0.04 0.00	29.18 0.17 0.00	29.52 0.20 0.00	30.14 0.27 0.00	38.13 0.45 -0.44	32.22 0.42 -0.12	30.80 0.37 -0.10	27.90 0.29 -0.10	33.53 0.14 -1.13	43.93 0.02 -0.95	37.42 -0.03 -0.50
TALLMAN__138KV_BK151 55660	16.24 0.99 7.27	25.66 0.83 0.00	25.74 0.79 0.00	25.64 0.73 0.00	24.12 0.66 0.00	20.99 0.62 0.00	24.34 0.83 0.00	24.01 0.91 0.00	26.05 0.98 0.00	26.47 1.14 0.00	30.74 1.26 0.00	30.38 1.27 0.00	29.76 1.30 0.00	29.48 1.35 0.00	30.80 1.79 0.00	31.29 1.97 0.00	31.85 1.98 0.00	39.89 2.64 0.00	33.82 2.13 0.00	32.28 1.94 0.00	29.20 1.69 0.00	33.90 1.64 0.00	44.59 1.63 0.00	38.42 1.48 0.00
TEALLAVE_115KV_TB7 355573	22.30 -0.20 0.00	24.59 -0.25 0.00	24.63 -0.32 0.00	24.59 -0.31 0.00	23.12 -0.34 0.00	20.11 -0.26 0.00	23.23 -0.28 0.00	22.80 -0.31 0.00	24.81 -0.26 0.00	25.10 -0.24 -0.01	29.42 -0.32 -0.26	28.84 -0.30 -0.03	28.19 -0.27 -0.02	27.92 -0.21 0.00	29.00 -0.01 0.00	29.35 0.03 0.00	29.97 0.10 0.00	37.86 0.25 -0.36	32.01 0.22 -0.10	30.60 0.18 -0.08	27.72 0.13 -0.08	33.14 -0.04 -0.92	43.53 -0.20 -0.78	37.14 -0.22 -0.41
TELGRAPH_34_KV_EAST 80808	23.17 0.66 0.00	25.57 0.73 0.00	25.52 0.57 0.00	25.36 0.46 0.00	23.69 0.23 0.00	20.63 0.26 0.00	23.94 0.44 0.00	23.31 0.20 0.00	25.44 0.36 0.00	25.53 0.19 0.00	29.58 0.11 0.00	29.26 0.15 0.00	28.58 0.13 0.00	28.47 0.34 0.00	29.91 0.90 0.00	30.01 0.69 0.00	30.43 0.55 0.00	37.99 0.74 0.00	32.51 0.82 0.00	31.14 0.80 0.00	28.23 0.72 0.00	32.59 0.34 0.00	43.57 0.61 0.00	37.59 0.64 0.00
TEMPLE___115KV_TB 2 55572	22.32 -0.19 0.00	24.60 -0.24 0.00	24.64 -0.31 0.00	24.61 -0.29 0.00	23.13 -0.33 0.00	20.12 -0.25 0.00	23.24 -0.26 0.00	22.82 -0.28 0.00	24.83 -0.24 0.00	25.12 -0.21 -0.01	29.44 -0.30 -0.26	28.87 -0.27 -0.03	28.22 -0.25 -0.02	27.95 -0.18 0.00	29.03 0.02 0.00	29.38 0.06 0.00	30.01 0.13 0.00	37.89 0.29 -0.36	32.04 0.26 -0.10	30.63 0.21 -0.08	27.75 0.15 -0.08	33.16 -0.02 -0.92	43.56 -0.17 -0.78	37.16 -0.20 -0.41
TIANA____69_KV_BK 1 55817	187.17 2.78 -161.88	50.47 2.67 -22.96	43.93 2.64 -16.34	27.28 2.38 0.00	25.44 1.98 0.00	22.14 1.77 0.00	25.95 2.44 0.00	25.59 2.48 0.00	27.80 2.74 0.00	29.01 2.82 -0.86	33.18 3.16 -0.54	31.99 2.89 0.00	31.53 3.08 0.00	32.12 3.23 -0.76	50.21 3.94 -17.26	215.01 4.14 -181.55	216.15 4.07 -182.21	196.83 5.19 -154.39	272.75 4.27 -236.79	107.39 3.95 -73.10	135.57 3.59 -104.47	76.63 3.93 -40.45	50.16 5.32 -1.88	41.34 4.38 -0.01
TILDEN___115KV_TB1 80814	22.44 -0.07 0.00	24.72 -0.12 0.00	24.76 -0.19 0.00	24.72 -0.18 0.00	23.23 -0.23 0.00	20.22 -0.15 0.00	23.38 -0.13 0.00	22.97 -0.14 0.00	24.98 -0.09 0.00	25.28 -0.06 -0.01	29.68 -0.12 -0.33	29.02 -0.12 -0.04	28.36 -0.11 -0.02	28.09 -0.04 0.00	29.18 0.17 0.00	29.52 0.20 0.00	30.14 0.27 0.00	38.13 0.45 -0.44	32.22 0.42 -0.12	30.80 0.37 -0.10	27.90 0.29 -0.10	33.53 0.14 -1.13	43.93 0.02 -0.95	37.42 -0.03 -0.50
TRIGEN___CC 323695	186.03 1.64 -161.88	49.30 1.51 -22.96	42.76 1.47 -16.34	26.27 1.36 0.00	24.60 1.14 0.00	21.41 1.04 0.00	24.95 1.44 0.00	24.61 1.51 0.00	26.73 1.66 0.00	27.93 1.74 -0.86	31.97 1.95 -0.54	30.93 1.83 0.00	30.37 1.92 0.00	30.87 1.98 -0.76	48.74 2.47 -17.26	88.74 2.64 -56.78	164.48 2.66 -131.95	185.84 3.50 -145.10	271.35 2.88 -236.79	106.08 2.64 -73.10	134.31 2.33 -104.47	75.11 2.41 -40.45	47.65 2.80 -1.88	39.38 2.43 -0.01
TRINITY__115KV__ 4 BK 55933	25.07 0.61 -1.96	25.44 0.60 0.00	25.62 0.67 0.00	25.54 0.64 0.00	24.04 0.58 0.00	20.89 0.52 0.00	24.14 0.63 0.00	23.73 0.63 0.00	25.73 0.66 0.00	26.04 0.71 0.00	30.22 0.74 0.00	29.88 0.78 0.00	29.23 0.78 0.00	28.90 0.77 0.00	29.90 0.88 0.00	30.25 0.94 0.00	30.79 0.91 0.00	38.46 1.22 0.00	32.77 1.08 0.00	31.41 1.07 0.00	28.48 0.97 0.00	33.14 0.88 0.00	43.96 1.00 0.00	37.82 0.87 0.00

UNION___PROCESSING_DRP 323587	22.93 0.42 0.00	25.26 0.42 0.00	25.26 0.31 0.00	25.11 0.21 0.00	23.52 0.06 0.00	20.49 0.12 0.00	23.77 0.26 0.00	23.25 0.14 0.00	25.30 0.23 0.00	25.49 0.16 0.00	29.56 0.17 0.09	29.34 0.24 0.01	28.66 0.21 0.01	28.49 0.36 0.00	29.79 0.78 0.00	30.02 0.70 0.00	30.53 0.65 0.00	38.25 1.01 0.00	32.65 0.97 0.00	31.23 0.90 0.00	28.25 0.74 0.00	32.76 0.50 0.00	43.60 0.65 0.00	37.51 0.56 0.00
UPPER HUDSON___HYD 24058	25.75 1.37 -1.88	26.22 1.38 0.00	26.30 1.35 0.00	26.21 1.30 0.00	24.66 1.20 0.00	21.46 1.09 0.00	24.88 1.37 0.00	24.51 1.40 0.00	26.59 1.52 0.00	26.87 1.54 0.00	30.96 1.49 0.00	30.69 1.59 0.00	30.06 1.61 0.00	29.51 1.38 0.00	30.53 1.51 0.00	30.95 1.64 0.00	31.46 1.59 0.00	39.44 2.20 0.00	33.83 2.15 0.00	32.42 2.08 0.00	29.66 2.15 0.00	34.40 2.14 0.00	45.56 2.60 0.00	39.20 2.25 0.00
UPPER RAQUET___HYD 24056	22.35 -0.16 0.00	24.79 -0.05 0.00	24.98 0.03 0.00	25.01 0.10 0.00	23.68 0.22 0.00	20.56 0.19 0.00	23.72 0.22 0.00	23.31 0.20 0.00	25.21 0.14 0.00	25.35 0.02 0.00	29.72 0.13 -0.11	29.22 0.10 -0.01	28.46 0.00 -0.01	27.91 -0.22 0.00	28.31 -0.70 0.00	28.23 -1.09 0.00	28.76 -1.12 0.00	35.24 -2.14 -0.13	29.77 -1.95 -0.04	28.66 -1.71 -0.03	26.18 -1.36 -0.03	31.92 -0.67 -0.33	43.28 0.04 -0.28	37.37 0.27 -0.15
VALLEY44_115KV_TB2 355964	23.05 0.54 0.00	25.37 0.53 0.00	25.29 0.34 0.00	25.18 0.28 0.00	23.58 0.11 0.00	20.57 0.20 0.00	23.96 0.45 0.00	23.48 0.36 0.00	25.61 0.54 0.00	25.81 0.48 0.00	29.65 0.17 0.00	29.38 0.27 0.00	28.54 0.09 0.00	28.30 0.17 0.00	29.81 0.79 0.00	29.87 0.55 0.00	30.41 0.54 0.00	37.99 0.75 0.00	32.29 0.61 0.00	30.93 0.59 0.00	27.91 0.40 0.00	32.21 -0.05 0.00	43.12 0.16 0.00	37.31 0.36 0.00
VALLEY___115KV_TB 1-4 80826	22.48 -0.03 0.00	24.76 -0.08 0.00	24.76 -0.19 0.00	24.78 -0.12 0.00	23.39 -0.07 0.00	20.25 -0.13 0.00	23.46 -0.04 0.00	23.07 -0.04 0.00	25.14 0.07 0.00	25.55 0.22 0.00	29.75 0.27 0.00	29.36 0.26 0.00	28.77 0.32 0.00	28.45 0.31 0.00	29.40 0.39 0.00	29.76 0.44 0.00	30.23 0.36 0.00	37.60 0.35 0.00	31.98 0.30 0.00	30.78 0.45 0.00	27.93 0.42 0.00	32.54 0.29 0.00	43.07 0.11 0.00	36.96 0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.39 0.88 0.00	25.69 0.85 0.00	25.84 0.89 0.00	25.72 0.82 0.00	24.19 0.73 0.00	20.96 0.59 0.00	24.33 0.83 0.00	23.97 0.86 0.00	26.00 0.93 0.00	26.33 0.99 0.00	30.67 1.10 -0.10	30.22 1.11 -0.01	29.54 1.08 -0.01	29.24 1.11 0.00	30.34 1.32 0.00	30.68 1.37 0.00	31.25 1.38 0.00	39.31 1.93 -0.13	33.37 1.65 -0.04	31.95 1.58 -0.03	28.93 1.39 -0.03	34.00 1.40 -0.35	44.87 1.61 -0.29	38.45 1.35 -0.15
VISCHER___FERRY HYD 24020	25.59 1.07 -2.02	25.93 1.09 0.00	26.08 1.13 0.00	26.02 1.11 0.00	24.46 1.00 0.00	21.23 0.86 0.00	24.54 1.03 0.00	24.12 1.01 0.00	26.17 1.10 0.00	26.48 1.15 0.00	30.69 1.22 0.00	30.37 1.27 0.00	29.73 1.28 0.00	29.38 1.25 0.00	30.38 1.37 0.00	30.76 1.44 0.00	31.26 1.38 0.00	39.09 1.85 0.00	33.31 1.63 0.00	31.96 1.63 0.00	29.02 1.50 0.00	33.75 1.49 0.00	44.76 1.81 0.00	38.53 1.58 0.00
V_A_10_SYNC_DSASP 323832	22.78 0.27 0.00	25.13 0.29 0.00	25.11 0.16 0.00	24.97 0.06 0.00	23.34 -0.12 0.00	20.33 -0.04 0.00	23.57 0.06 0.00	22.96 -0.15 0.00	25.02 -0.05 0.00	25.16 -0.17 0.00	29.07 -0.31 0.10	28.81 -0.28 0.01	28.12 -0.33 0.01	27.96 -0.17 0.00	29.35 0.34 0.00	29.47 0.15 0.00	29.95 0.08 0.00	37.47 0.22 0.00	32.00 0.32 0.00	30.63 0.29 0.00	27.73 0.22 0.00	32.10 -0.16 0.00	42.89 -0.07 0.00	37.02 0.08 0.00
V_CMM_10_SYNC_DSASP 323787	22.18 -0.33 0.00	24.60 -0.24 0.00	24.76 -0.19 0.00	24.75 -0.15 0.00	23.40 -0.06 0.00	20.33 -0.04 0.00	23.41 -0.10 0.00	22.99 -0.11 0.00	24.90 -0.17 0.00	25.07 -0.26 0.00	29.28 -0.19 0.00	28.89 -0.22 0.00	28.20 -0.25 0.00	27.80 -0.33 0.00	28.39 -0.62 0.00	28.61 -0.71 0.00	29.17 -0.70 0.00	36.01 -1.23 0.00	30.60 -1.08 0.00	29.32 -1.02 0.00	26.66 -0.85 0.00	31.73 -0.53 0.00	42.65 -0.31 0.00	36.76 -0.19 0.00
V_CMP_10_SYNC_DSASP 323788	22.46 -0.05 0.00	25.03 0.19 0.00	25.42 0.47 0.00	25.56 0.66 0.00	24.22 0.77 0.00	20.99 0.61 0.00	24.31 0.80 0.00	23.86 0.75 0.00	25.86 0.79 0.00	25.99 0.66 0.00	30.13 0.65 0.00	29.68 0.57 0.00	29.03 0.57 0.00	28.70 0.57 0.00	29.40 0.39 0.00	29.78 0.46 0.00	30.24 0.37 0.00	37.45 0.21 0.00	31.91 0.22 0.00	30.55 0.21 0.00	28.06 0.55 0.00	33.09 0.84 0.00	43.86 0.91 0.00	37.93 0.98 0.00
V_E_10_SYNC_DSASP 323830	24.09 1.58 0.00	26.38 1.54 0.00	26.29 1.34 0.00	26.34 1.43 0.00	24.90 1.44 0.00	21.73 1.35 0.00	25.28 1.77 0.00	24.90 1.80 0.00	27.20 2.13 0.00	27.62 2.28 -0.01	32.12 2.43 -0.20	31.62 2.49 -0.03	30.58 2.11 -0.01	30.16 2.03 0.00	31.37 2.36 0.00	31.69 2.37 0.00	32.46 2.58 0.00	40.87 3.34 -0.28	34.94 3.18 -0.08	33.18 2.78 -0.06	30.29 2.71 -0.06	35.84 2.87 -0.72	46.98 3.41 -0.60	39.85 2.59 -0.32
V_F_30_NSYNC___DSASP 323816	25.81 1.41 -1.90	26.28 1.44 0.00	26.41 1.46 0.00	26.34 1.43 0.00	24.77 1.31 0.00	21.51 1.14 0.00	24.91 1.40 0.00	24.51 1.40 0.00	26.60 1.53 0.00	26.90 1.57 0.00	31.14 1.66 0.00	30.83 1.73 0.00	30.20 1.75 0.00	29.80 1.67 0.00	30.80 1.79 0.00	31.20 1.88 0.00	31.74 1.87 0.00	39.75 2.50 0.00	33.92 2.24 0.00	32.55 2.21 0.00	29.59 2.08 0.00	34.37 2.11 0.00	45.56 2.60 0.00	39.19 2.24 0.00
V_F_30_SYNC_DSASP 323786	25.15 0.70 -1.94	25.53 0.70 0.00	25.71 0.76 0.00	25.63 0.73 0.00	24.13 0.67 0.00	20.97 0.60 0.00	24.23 0.72 0.00	23.83 0.73 0.00	25.85 0.78 0.00	26.17 0.84 0.00	30.38 0.90 0.00	30.05 0.94 0.00	29.40 0.95 0.00	29.06 0.93 0.00	30.06 1.05 0.00	30.42 1.11 0.00	30.97 1.10 0.00	38.68 1.44 0.00	32.96 1.27 0.00	31.59 1.25 0.00	28.65 1.13 0.00	33.30 1.04 0.00	44.15 1.19 0.00	37.99 1.05 0.00
V_XM_10_SYNC_DSASP 323789	22.46 -0.05 0.00	25.03 0.19 0.00	25.42 0.47 0.00	25.56 0.66 0.00	24.22 0.77 0.00	20.99 0.61 0.00	24.31 0.80 0.00	23.86 0.75 0.00	25.86 0.79 0.00	25.99 0.66 0.00	30.13 0.65 0.00	29.68 0.57 0.00	29.03 0.57 0.00	28.70 0.57 0.00	29.40 0.39 0.00	29.78 0.46 0.00	30.24 0.37 0.00	37.45 0.21 0.00	31.91 0.22 0.00	30.55 0.21 0.00	28.06 0.55 0.00	33.09 0.84 0.00	43.86 0.91 0.00	37.93 0.98 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	16.04 1.08 7.55	25.77 0.92 0.00	25.83 0.88 0.00	25.73 0.83 0.00	24.21 0.75 0.00	21.07 0.70 0.00	24.43 0.92 0.00	24.12 1.01 0.00	26.17 1.10 0.00	26.58 1.25 0.00	30.88 1.40 0.00	30.51 1.41 0.00	29.88 1.44 0.00	29.60 1.47 0.00	30.93 1.92 0.00	31.43 2.11 0.00	31.98 2.11 0.00	40.04 2.79 0.00	33.96 2.27 0.00	32.42 2.09 0.00	29.31 1.80 0.00	34.04 1.78 0.00	44.77 1.81 0.00	38.58 1.63 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.52 1.24 -11.76	25.94 1.10 0.00	26.00 1.05 0.00	25.88 0.97 0.00	24.34 0.88 0.00	21.20 0.83 0.00	24.62 1.11 0.00	24.30 1.19 0.00	26.35 1.29 0.00	26.79 1.46 0.00	31.08 1.60 0.00	30.69 1.59 0.00	30.07 1.62 0.00	29.81 1.68 0.00	31.15 2.14 0.00	31.67 2.35 0.00	32.24 2.36 0.00	40.34 3.09 0.00	34.14 2.45 0.00	32.55 2.21 0.00	29.42 1.91 0.00	34.17 1.91 0.00	44.90 1.94 0.00	38.66 1.71 0.00
W50THST__13_KV_LOAD 356117	35.64 1.37 -11.76	26.07 1.23 0.00	26.11 1.16 0.00	26.00 1.09 0.00	24.46 1.00 0.00	21.31 0.94 0.00	24.77 1.26 0.00	24.47 1.36 0.00	26.55 1.48 0.00	27.00 1.67 0.00	31.33 1.85 0.00	30.95 1.84 0.00	30.31 1.86 0.00	30.05 1.92 0.00	31.41 2.40 0.00	31.93 2.61 0.00	32.50 2.63 0.00	40.66 3.42 0.00	34.39 2.70 0.00	32.76 2.43 0.00	29.59 2.08 0.00	34.36 2.10 0.00	45.12 2.17 0.00	38.85 1.90 0.00
WADING RIVER_IC_1 23522	186.88 2.49 -161.88	50.36 2.56 -22.96	43.67 2.38 -16.34	27.04 2.14 0.00	25.21 1.76 0.00	21.98 1.61 0.00	25.73 2.22 0.00	25.32 2.22 0.00	27.53 2.46 0.00	28.68 2.49 -0.86	32.79 2.77 -0.54	31.62 2.51 0.00	31.16 2.70 0.00	31.72 2.84 -0.76	49.79 3.52 -17.26	214.32 3.75 -181.25	215.64 3.68 -182.09	196.13 4.51 -154.37	272.19 3.71 -236.79	106.89 3.46 -73.10	135.14 3.16 -104.47	76.19 3.48 -40.45	49.62 4.78 -1.88	40.98 4.02 -0.01
WADING RIVER_IC_2 23547	186.88 2.49 -161.88	50.36 2.56 -22.96	43.67 2.38 -16.34	27.04 2.14 0.00	25.21 1.76 0.00	21.98 1.61 0.00	25.73 2.22 0.00	25.32 2.22 0.00	27.53 2.46 0.00	28.68 2.49 -0.86	32.79 2.77 -0.54	31.62 2.51 0.00	31.16 2.70 0.00	31.72 2.84 -0.76	49.79 3.52 -17.26	214.32 3.75 -181.25	215.64 3.68 -182.09	196.13 4.51 -154.37	272.19 3.71 -236.79	106.89 3.46 -73.10	135.14 3.16 -104.47	76.19 3.48 -40.45	49.62 4.78 -1.88	40.98 4.02 -0.01
WADING RIVER_IC_3 23601	186.88 2.49 -161.88	50.36 2.56 -22.96	43.67 2.38 -16.34	27.04 2.14 0.00	25.21 1.76 0.00	21.98 1.61 0.00	25.73 2.22 0.00	25.32 2.22 0.00	27.53 2.46 0.00	28.68 2.49 -0.86	32.79 2.77 -0.54	31.62 2.51 0.00	31.16 2.70 0.00	31.72 2.84 -0.76	49.79 3.52 -17.26	214.32 3.75 -181.25	215.64 3.68 -182.09	196.13 4.51 -154.37	272.19 3.71 -236.79	106.89 3.46 -73.10	135.14 3.16 -104.47	76.19 3.48 -40.45	49.62 4.78 -1.88	40.98 4.02 -0.01
WALDENNY_12_KV_BK2 80841	23.23 0.72 0.00	25.60 0.76 0.00	25.54 0.59 0.00	25.40 0.49 0.00	23.72 0.26 0.00	20.67 0.30 0.00	24.03 0.52 0.00	23.43 0.32 0.00	25.57 0.50 0.00	25.69 0.36 0.00	29.73 0.25 0.00	29.38 0.27 0.00	28.69 0.23 0.00	28.56 0.43 0.00	30.04 1.03 0.00	30.11 0.79 0.00	30.58 0.71 0.00	38.15 0.90 0.00	32.56 0.88 0.00	31.20 0.86 0.00	28.26 0.75 0.00	32.65 0.39 0.00	43.67 0.71 0.00	37.67 0.72 0.00
WALDEN__HYDRO 24148	22.44 1.15 1.22	25.88 1.04 0.00	25.93 0.99 0.00	25.84 0.94 0.00	24.31 0.85 0.00	21.14 0.77 0.00	24.52 1.01 0.00	24.18 1.07 0.00	26.24 1.17 0.00	26.65 1.33 0.00	30.95 1.47 0.00	30.58 1.48 0.00	29.93 1.48 0.00	29.63 1.49 0.00	30.85 1.84 0.00	31.31 1.99 0.00	31.98 2.11 0.00	40.05 2.80 0.00	33.99 2.30 0.00	32.54 2.20 0.00	29.45 1.93 0.00	34.18 1.92 0.00	45.01 2.05 0.00	38.72 1.77 0.00
WARRENSBURG____ 23737	25.75 1.37 -1.88	26.22 1.38 0.00	26.30 1.35 0.00	26.21 1.30 0.00	24.66 1.20 0.00	21.46 1.09 0.00	24.88 1.37 0.00	24.51 1.40 0.00	26.59 1.52 0.00	26.87 1.54 0.00	30.96 1.49 0.00	30.69 1.59 0.00	30.06 1.61 0.00	29.51 1.38 0.00	30.53 1.51 0.00	30.95 1.64 0.00	31.46 1.59 0.00	39.44 2.20 0.00	33.83 2.15 0.00	32.42 2.08 0.00	29.66 2.15 0.00	34.40 2.14 0.00	45.56 2.60 0.00	39.20 2.25 0.00
WATERSIDE____6 8 9 23538	35.87 1.25 -12.11	25.95 1.11 0.00	26.00 1.05 0.00	25.87 0.96 0.00	24.32 0.86 0.00	21.20 0.83 0.00	24.61 1.10 0.00	24.29 1.18 0.00	26.33 1.26 0.00	26.75 1.42 0.00	31.04 1.56 0.00	30.66 1.56 0.00	30.03 1.58 0.00	29.77 1.64 0.00	31.12 2.11 0.00	31.63 2.31 0.00	32.19 2.31 0.00	40.29 3.04 0.00	34.13 2.44 0.00	32.54 2.21 0.00	29.41 1.90 0.00	34.16 1.90 0.00	44.88 1.92 0.00	38.65 1.70 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.56 0.05 0.00	24.86 0.02 0.00	24.93 -0.02 0.00	24.90 -0.01 0.00	23.47 0.01 0.00	20.34 -0.03 0.00	23.53 0.03 0.00	23.16 0.05 0.00	25.16 0.09 0.00	25.50 0.17 0.00	29.67 0.19 0.00	29.30 0.19 0.00	28.68 0.23 0.00	28.36 0.22 0.00	29.30 0.29 0.00	29.63 0.31 0.00	30.13 0.25 0.00	37.59 0.34 0.00	32.00 0.32 0.00	30.72 0.38 0.00	27.87 0.35 0.00	32.49 0.24 0.00	43.02 0.06 0.00	36.97 0.02 0.00
WATSON____69_KV_BK 1 55734	186.87 2.48 -161.88	50.20 2.39 -22.96	43.62 2.33 -16.34	27.03 2.12 0.00	25.21 1.75 0.00	21.94 1.57 0.00	25.64 2.14 0.00	25.31 2.20 0.00	27.55 2.48 0.00	28.68 2.50 -0.86	32.83 2.81 -0.54	31.74 2.63 0.00	31.14 2.69 0.00	31.65 2.76 -0.76	49.69 3.42 -17.26	153.52 3.68 -120.52	191.22 3.73 -157.62	191.79 4.70 -149.84	272.39 3.91 -236.79	107.08 3.64 -73.10	135.38 3.40 -104.47	76.33 3.63 -40.45	49.38 4.54 -1.88	40.78 3.82 -0.01
WDELAWARE__HYD 323627	22.06 0.76 1.20	25.44 0.60 0.00	25.48 0.53 0.00	25.35 0.44 0.00	23.83 0.37 0.00	20.74 0.37 0.00	24.09 0.59 0.00	23.78 0.67 0.00	25.97 0.90 0.00	26.39 1.06 0.00	30.67 1.19 0.00	30.31 1.20 0.00	29.62 1.17 0.00	29.33 1.20 0.00	30.52 1.51 0.00	31.02 1.70 0.00	31.71 1.83 0.00	39.70 2.46 0.00	33.69 2.01 0.00	32.20 1.86 0.00	29.10 1.59 0.00	33.83 1.57 0.00	44.55 1.59 0.00	38.30 1.35 0.00
WEST BABYLON__IC 23714	186.70 2.31 -161.88	50.02 2.22 -22.96	43.45 2.16 -16.34	26.89 1.98 0.00	25.10 1.64 0.00	21.83 1.46 0.00	25.51 2.00 0.00	25.17 2.06 0.00	27.41 2.34 0.00	28.51 2.32 -0.86	32.62 2.60 -0.54	31.52 2.42 0.00	30.90 2.46 0.00	31.41 2.52 -0.76	49.41 3.14 -17.26	106.68 3.38 -73.98	172.19 3.44 -138.88	187.97 4.35 -146.38	272.10 3.62 -236.79	106.82 3.39 -73.10	135.13 3.14 -104.47	76.04 3.34 -40.45	49.07 4.22 -1.88	40.52 3.57 -0.01
WEST CANADA__HYD 24049	22.60 0.09 0.00	24.92 0.08 0.00	25.03 0.07 0.00	24.98 0.08 0.00	23.53 0.07 0.00	20.42 0.04 0.00	23.59 0.08 0.00	23.21 0.10 0.00	25.18 0.11 0.00	25.47 0.14 0.00	29.63 0.15 0.00	29.26 0.15 0.00	28.60 0.15 0.00	28.29 0.16 0.00	29.21 0.20 0.00	29.52 0.21 0.00	30.09 0.21 0.00	37.51 0.26 0.00	31.86 0.18 0.00	30.49 0.15 0.00	27.65 0.13 0.00	32.34 0.08 0.00	42.99 0.03 0.00	36.97 0.02 0.00
WESTERN_NY_WIND 24143	23.53 1.03 0.00	25.87 1.03 0.00	25.89 0.94 0.00	25.72 0.81 0.00	24.05 0.59 0.00	20.96 0.58 0.00	24.34 0.83 0.00	23.76 0.65 0.00	25.89 0.82 0.00	25.95 0.62 0.00	30.16 0.68 0.00	29.83 0.73 0.00	29.14 0.69 0.00	29.01 0.88 0.00	30.51 1.50 0.00	30.58 1.26 0.00	31.02 1.15 0.00	38.72 1.48 0.00	33.14 1.46 0.00	31.76 1.42 0.00	28.82 1.31 0.00	33.29 1.03 0.00	44.38 1.42 0.00	38.22 1.27 0.00



WESTOVER___LESR 323668	22.82 0.32 0.00	25.14 0.30 0.00	25.15 0.20 0.00	25.12 0.22 0.00	23.59 0.13 0.00	20.52 0.15 0.00	23.80 0.30 0.00	23.40 0.29 0.00	25.46 0.39 0.00	25.76 0.42 -0.01	30.00 0.33 -0.19	29.45 0.33 -0.02	28.75 0.29 -0.01	28.47 0.34 0.00	29.67 0.66 0.00	29.96 0.64 0.00	30.55 0.68 0.00	38.49 0.99 -0.26	32.58 0.82 -0.07	31.15 0.75 -0.06	28.21 0.64 -0.06	33.39 0.47 -0.66	44.04 0.52 -0.56	37.72 0.47 -0.30
WETHRSFD_WT_PWR 323626	22.92 0.41 0.00	25.16 0.32 0.00	25.16 0.21 0.00	25.01 0.10 0.00	23.35 -0.11 0.00	20.42 0.05 0.00	23.77 0.26 0.00	23.27 0.16 0.00	25.36 0.29 0.00	25.47 0.14 0.00	29.36 -0.12 0.00	28.96 -0.14 0.00	28.30 -0.16 0.00	28.15 0.02 0.00	29.57 0.56 0.00	29.62 0.30 0.00	30.16 0.28 0.00	37.70 0.45 0.00	32.13 0.45 0.00	30.72 0.38 0.00	27.88 0.37 0.00	32.28 0.02 0.00	43.18 0.22 0.00	37.08 0.14 0.00
WHAVSTOR_138KV_BK127 55557	15.88 0.97 7.60	25.65 0.81 0.00	25.72 0.77 0.00	25.62 0.72 0.00	24.10 0.64 0.00	20.98 0.61 0.00	24.32 0.82 0.00	24.00 0.89 0.00	26.02 0.95 0.00	26.43 1.10 0.00	30.70 1.23 0.00	30.34 1.24 0.00	29.72 1.26 0.00	29.43 1.30 0.00	30.75 1.74 0.00	31.23 1.91 0.00	31.78 1.90 0.00	39.80 2.55 0.00	33.75 2.06 0.00	32.22 1.88 0.00	29.15 1.64 0.00	33.86 1.60 0.00	44.56 1.60 0.00	38.41 1.46 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	15.88 0.97 7.60	25.65 0.81 0.00	25.72 0.77 0.00	25.62 0.72 0.00	24.10 0.64 0.00	20.98 0.61 0.00	24.32 0.82 0.00	24.00 0.89 0.00	26.02 0.95 0.00	26.43 1.10 0.00	30.70 1.23 0.00	30.34 1.24 0.00	29.72 1.26 0.00	29.43 1.30 0.00	30.75 1.74 0.00	31.23 1.91 0.00	31.78 1.90 0.00	39.80 2.55 0.00	33.75 2.06 0.00	32.22 1.88 0.00	29.15 1.64 0.00	33.86 1.60 0.00	44.56 1.60 0.00	38.41 1.46 0.00
WHITEHAL_115KV_TB1 80871	26.34 1.95 -1.88	26.82 1.99 0.00	26.91 1.96 0.00	26.84 1.93 0.00	25.24 1.78 0.00	22.05 1.68 0.00	25.65 2.14 0.00	25.23 2.13 0.00	27.34 2.27 0.00	27.55 2.22 0.00	31.72 2.24 0.00	31.47 2.37 0.00	30.76 2.31 0.00	30.41 2.28 0.00	31.64 2.63 0.00	32.31 2.99 0.00	32.80 2.92 0.00	41.00 3.75 0.00	34.97 3.28 0.00	33.25 2.92 0.00	30.39 2.88 0.00	35.17 2.92 0.00	46.59 3.63 0.00	40.39 3.44 0.00
WHITEPLN_13_KV_LOAD 356215	30.87 1.32 -7.05	26.08 1.24 0.00	26.12 1.17 0.00	26.05 1.15 0.00	24.52 1.05 0.00	21.33 0.95 0.00	24.72 1.21 0.00	24.39 1.28 0.00	26.53 1.46 0.00	26.99 1.66 0.00	31.34 1.86 0.00	30.97 1.86 0.00	30.33 1.88 0.00	30.04 1.91 0.00	31.38 2.37 0.00	31.90 2.58 0.00	32.48 2.61 0.00	40.45 3.20 0.00	34.26 2.58 0.00	32.70 2.36 0.00	29.55 2.04 0.00	34.32 2.06 0.00	45.15 2.19 0.00	38.92 1.97 0.00
WM_FLOYD_69_KV_BK2 356380	186.84 2.45 -161.88	50.17 2.36 -22.96	43.61 2.32 -16.34	26.99 2.09 0.00	25.17 1.71 0.00	21.91 1.54 0.00	25.63 2.13 0.00	25.27 2.17 0.00	27.46 2.39 0.00	28.64 2.45 -0.86	32.74 2.72 -0.54	31.54 2.44 0.00	31.07 2.61 0.00	31.64 2.75 -0.76	49.72 3.45 -17.26	216.33 3.69 -183.32	216.48 3.68 -182.93	196.39 4.62 -154.52	272.27 3.79 -236.79	106.96 3.52 -73.10	135.21 3.23 -104.47	76.20 3.49 -40.45	49.43 4.58 -1.88	40.79 3.83 -0.01
WOODARD__115KV_TB2 355635	22.23 -0.27 0.00	24.51 -0.33 0.00	24.56 -0.39 0.00	24.52 -0.38 0.00	23.06 -0.40 0.00	20.05 -0.31 0.00	23.17 -0.33 0.00	22.76 -0.35 0.00	24.75 -0.32 0.00	25.04 -0.30 -0.01	29.43 -0.39 -0.33	28.78 -0.37 -0.04	28.13 -0.34 -0.02	27.86 -0.27 0.00	28.92 -0.09 0.00	29.25 -0.07 0.00	29.86 -0.01 0.00	37.81 0.12 -0.45	31.93 0.12 -0.12	30.52 0.08 -0.10	27.65 0.04 -0.10	33.27 -0.14 -1.15	43.60 -0.33 -0.97	37.14 -0.32 -0.51
YORK___WARBASSE 23770	35.97 1.34 -12.11	26.04 1.20 0.00	26.08 1.14 0.00	25.95 1.04 0.00	24.40 0.94 0.00	21.27 0.89 0.00	24.69 1.18 0.00	24.37 1.26 0.00	26.41 1.35 0.00	26.83 1.50 0.00	31.08 1.60 0.00	30.72 1.62 0.00	30.10 1.65 0.00	29.83 1.70 0.00	31.18 2.17 0.00	31.70 2.38 0.00	32.27 2.39 0.00	40.40 3.15 0.00	34.23 2.55 0.00	32.64 2.31 0.00	29.53 2.02 0.00	34.26 2.01 0.00	44.97 2.01 0.00	38.72 1.77 0.00