

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/17/2025

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	31.34	47.46	28.07	27.78	36.78	27.81	34.73	39.51	28.54	23.91	26.09	26.22	27.52	30.63	37.19	30.37	33.32	45.19	56.70	43.66	45.03	39.59	41.19	35.41
24138	1.22	0.93	0.92	0.85	1.19	1.12	1.63	1.92	1.74	1.57	1.72	1.73	1.78	1.96	2.27	1.81	1.85	2.31	2.64	2.06	1.90	1.74	1.79	1.62
	-0.22	-19.97	0.00	0.00	-1.18	-0.27	-0.17	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	31.43	47.53	28.16	27.87	36.89	27.88	34.80	39.55	28.57	23.93	26.11	26.24	27.54	30.65	37.21	30.39	33.36	45.23	56.80	43.78	45.16	39.68	41.30	35.51
24260	1.31	1.00	1.01	0.94	1.29	1.20	1.70	1.97	1.76	1.59	1.74	1.75	1.80	1.97	2.29	1.83	1.88	2.35	2.75	2.18	2.02	1.84	1.89	1.72
	-0.22	-19.97	0.00	0.00	-1.18	-0.27	-0.17	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	31.43	47.53	28.16	27.87	36.89	27.88	34.80	39.55	28.57	23.93	26.11	26.24	27.54	30.65	37.21	30.39	33.36	45.23	56.80	43.78	45.16	39.68	41.30	35.51
24261	1.31	1.00	1.01	0.94	1.29	1.20	1.70	1.97	1.76	1.59	1.74	1.75	1.80	1.97	2.29	1.83	1.88	2.35	2.75	2.18	2.02	1.84	1.89	1.72
	-0.22	-19.97	0.00	0.00	-1.18	-0.27	-0.17	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.17	7.28	28.36	28.14	34.81	27.47	34.69	34.46	28.21	23.42	25.41	25.52	26.69	29.74	36.12	29.46	32.64	44.71	56.66	43.84	45.58	39.84	41.37	35.57
24011	1.50	1.25	1.20	1.21	1.62	1.33	1.94	2.05	1.41	1.08	1.05	1.04	0.96	1.06	1.20	0.90	1.17	1.83	2.61	2.25	2.44	1.99	1.97	1.78
	0.23	20.53	0.00	0.00	1.22	0.28	0.18	2.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	31.29	7.55	28.42	28.21	34.93	27.59	34.87	34.72	28.38	23.56	25.55	25.63	26.77	29.84	36.22	29.54	32.77	44.86	56.90	44.11	45.92	40.11	41.67	35.81
23798	1.62	1.35	1.27	1.29	1.73	1.45	2.12	2.28	1.57	1.22	1.18	1.15	1.04	1.16	1.30	0.98	1.29	1.98	2.85	2.51	2.78	2.26	2.26	2.02
	0.22	20.36	0.00	0.00	1.21	0.27	0.17	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	31.17	7.28	28.36	28.14	34.81	27.47	34.69	34.46	28.21	23.4														

ALBANY___2 23572	29.66 -0.08 0.16	12.42 -0.09 14.04	27.19 0.04 0.00	26.94 0.01 0.00	33.55 -0.03 0.83	26.29 0.05 0.19	32.94 0.13 0.12	33.39 0.14 1.79	27.00 0.19 0.00	22.52 0.17 0.00	24.48 0.12 0.00	24.65 0.16 0.00	25.76 0.03 0.00	28.64 -0.04 0.00	34.78 -0.14 0.00	28.44 -0.12 0.00	31.30 -0.18 0.00	42.54 -0.33 0.00	53.63 -0.42 0.00	41.33 -0.26 0.00	42.91 -0.23 0.00	37.69 -0.16 0.00	39.18 -0.22 0.00	33.64 -0.15 0.00
ALBANY___3 23573	29.66 -0.08 0.16	12.42 -0.09 14.04	27.19 0.04 0.00	26.94 0.01 0.00	33.55 -0.03 0.83	26.29 0.05 0.19	32.94 0.13 0.12	33.39 0.14 1.79	27.00 0.19 0.00	22.52 0.17 0.00	24.48 0.12 0.00	24.65 0.16 0.00	25.76 0.03 0.00	28.64 -0.04 0.00	34.78 -0.14 0.00	28.44 -0.12 0.00	31.30 -0.18 0.00	42.54 -0.33 0.00	53.63 -0.42 0.00	41.33 -0.26 0.00	42.91 -0.23 0.00	37.69 -0.16 0.00	39.18 -0.22 0.00	33.64 -0.15 0.00
ALBANY___4 23574	29.66 -0.08 0.16	12.42 -0.09 14.04	27.19 0.04 0.00	26.94 0.01 0.00	33.55 -0.03 0.83	26.29 0.05 0.19	32.94 0.13 0.12	33.39 0.14 1.79	27.00 0.19 0.00	22.52 0.17 0.00	24.48 0.12 0.00	24.65 0.16 0.00	25.76 0.03 0.00	28.64 -0.04 0.00	34.78 -0.14 0.00	28.44 -0.12 0.00	31.30 -0.18 0.00	42.54 -0.33 0.00	53.63 -0.42 0.00	41.33 -0.26 0.00	42.91 -0.23 0.00	37.69 -0.16 0.00	39.18 -0.22 0.00	33.64 -0.15 0.00
ALBANY___LFGE 323615	29.98 0.25 0.17	11.29 0.20 15.46	27.46 0.31 0.00	27.21 0.28 0.00	33.82 0.33 0.92	26.53 0.32 0.21	33.29 0.49 0.13	33.58 0.51 1.97	27.27 0.47 0.00	22.74 0.39 0.00	24.73 0.37 0.00	24.90 0.42 0.00	26.05 0.31 0.00	28.95 0.27 0.00	35.18 0.26 0.00	28.77 0.21 0.00	31.70 0.22 0.00	43.10 0.23 0.00	54.34 0.28 0.00	41.87 0.27 0.00	43.42 0.29 0.00	38.13 0.28 0.00	39.62 0.21 0.00	34.01 0.22 0.00
ALCOA_PA_115KV_PL-6C 55860	172.90 0.19 -142.81	840.61 0.35 -813.71	309.80 0.27 -282.37	33.18 0.29 -5.96	34.76 0.36 0.00	26.68 0.26 0.00	33.33 0.39 0.00	35.44 0.39 0.00	27.00 0.19 0.00	22.44 0.10 0.00	24.53 0.17 0.00	24.66 0.17 0.00	25.95 0.21 0.00	28.90 0.22 0.00	35.17 0.25 0.00	28.76 0.20 0.00	31.81 0.33 0.00	43.44 0.56 0.00	54.45 0.40 0.00	67.52 0.37 -25.55	44.76 0.66 -0.96	38.29 0.44 0.00	39.91 0.51 0.00	34.19 0.39 0.00
ALCOA_RYNLDS___DRP 24188	172.90 0.19 -142.81	840.61 0.35 -813.71	309.80 0.27 -282.37	33.18 0.29 -5.96	34.76 0.36 0.00	26.68 0.26 0.00	33.33 0.39 0.00	35.44 0.39 0.00	27.00 0.19 0.00	22.44 0.10 0.00	24.53 0.17 0.00	24.66 0.17 0.00	25.95 0.21 0.00	28.90 0.22 0.00	35.17 0.25 0.00	28.76 0.20 0.00	31.81 0.33 0.00	43.44 0.56 0.00	54.45 0.40 0.00	67.52 0.37 -25.55	44.76 0.66 -0.96	38.29 0.44 0.00	39.91 0.51 0.00	34.19 0.39 0.00
ALCOA___DSASP 323711	172.90 0.20 -142.81	840.61 0.35 -813.71	309.80 0.27 -282.37	33.18 0.29 -5.96	34.76 0.36 0.00	26.68 0.26 0.00	33.33 0.39 0.00	35.44 0.40 0.00	27.00 0.19 0.00	22.44 0.10 0.00	24.53 0.17 0.00	24.66 0.17 0.00	25.95 0.21 0.00	28.90 0.22 0.00	35.17 0.25 0.00	28.76 0.20 0.00	31.81 0.33 0.00	43.44 0.57 0.00	54.45 0.40 0.00	67.52 0.37 -25.55	44.76 0.66 -0.96	38.29 0.44 0.00	39.91 0.51 0.00	34.19 0.40 0.00
ALLEGHENY___COGEN 23514	31.43 1.53 0.00	28.04 1.49 0.00	28.35 1.20 0.00	28.15 1.23 0.00	36.09 1.69 0.00	27.93 1.45 -0.07	35.63 1.39 -1.31	38.35 1.51 -1.79	28.01 0.87 -0.33	23.11 0.77 0.00	25.21 0.83 -0.01	26.05 0.68 -0.88	26.41 0.52 -0.15	30.13 0.58 -0.87	38.09 1.36 -1.81	31.68 1.82 -1.30	35.14 2.13 -1.53	49.50 3.14 -3.49	69.24 4.84 -10.34	55.25 3.32 -10.34	51.97 2.89 -5.95	43.06 2.47 -2.75	45.90 2.65 -3.85	37.94 2.10 -2.06
ALTAMONT_115KV_TB 2 55880	30.13 0.34 0.10	17.99 0.27 8.84	27.52 0.37 0.00	27.28 0.36 0.00	34.33 0.45 0.53	26.66 0.36 0.12	33.35 0.49 0.07	34.44 0.53 1.12	27.26 0.45 0.00	22.72 0.38 0.00	24.72 0.35 0.00	24.86 0.37 0.00	26.07 0.34 0.00	29.00 0.32 0.00	35.24 0.32 0.00	28.81 0.25 0.00	31.70 0.22 0.00	43.14 0.26 0.00	54.42 0.37 0.00	41.95 0.35 0.00	43.50 0.37 0.00	38.22 0.37 0.00	39.76 0.36 0.00	34.14 0.35 0.00
ALTONA_WT_PWR 323606	38.47 1.12 -7.46	70.31 1.25 -42.50	43.13 1.23 -14.75	28.40 1.17 -0.31	35.80 1.39 0.00	27.61 1.19 0.00	34.45 1.52 0.00	36.57 1.52 0.00	27.97 1.16 0.00	23.35 1.01 0.00	25.51 1.14 0.00	25.54 1.05 0.00	26.84 1.11 0.00	29.76 1.08 0.00	36.19 1.27 0.00	29.38 0.82 0.00	32.46 0.98 0.00	43.75 0.87 0.00	54.96 0.90 0.00	43.80 0.87 -1.34	44.37 1.18 -0.05	39.11 1.26 0.00	41.27 1.87 0.00	35.68 1.89 0.00
AMERICAN_REF_FUEL 24010	29.57 -0.32 0.00	26.72 0.17 0.00	27.00 -0.15 0.00	26.76 -0.17 0.00	34.31 -0.09 0.00	26.47 -0.01 -0.06	32.44 -1.64 -1.14	34.59 -2.01 -1.56	25.58 -1.52 -0.29	21.30 -1.04 0.00	23.53 -0.84 -0.01	24.27 -0.98 -0.77	25.09 -0.78 -0.13	28.64 -0.80 -0.76	35.88 -0.62 -1.58	29.38 -0.30 -1.13	32.38 -0.43 -1.34	45.23 -0.69 -3.04	62.81 -0.26 -9.02	49.71 -0.91 -9.02	46.81 -1.51 -5.19	39.20 -1.04 -2.40	42.33 -0.42 -3.36	35.82 0.24 -1.79
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.03 0.13 0.00	26.95 0.40 0.00	27.15 0.00 0.00	27.04 0.12 0.00	34.67 0.26 0.00	26.96 0.48 -0.06	33.79 -0.33 -1.18	36.41 -0.25 -1.62	26.78 -0.33 -0.30	22.38 0.03 0.00	24.64 0.27 -0.01	25.41 0.12 -0.79	26.23 0.36 -0.14	30.00 0.54 -0.79	37.59 1.04 -1.63	30.60 0.87 -1.17	33.87 1.01 -1.38	47.40 1.37 -3.15	65.68 2.28 -9.34	52.29 1.36 -9.34	49.28 0.77 -5.37	41.16 0.84 -2.49	44.15 1.28 -3.48	36.77 1.12 -1.86
ARTHUR KILL_GT_1 23520	31.66 1.54 -0.22	47.75 1.22 -19.97	28.38 1.22 0.00	28.08 1.15 0.00	37.19 1.60 -1.19	28.14 1.45 -0.27	35.09 1.98 -0.18	39.84 2.25 -2.55	28.75 1.94 -0.01	23.94 1.59 0.00	26.02 1.66 0.00	26.28 1.79 0.00	27.58 1.85 0.00	30.73 2.05 0.00	37.32 2.39 -0.01	30.45 1.88 0.00	33.41 1.93 0.00	45.23 2.35 0.00	57.06 3.01 0.00	44.04 2.44 0.00	45.40 2.27 -0.01	39.91 2.06 -0.01	41.54 2.13 0.00	35.74 1.95 0.00
ARTHUR_KILL_2 23512	31.57 1.45 -0.22	47.68 1.14 -19.97	28.30 1.14 0.00	28.01 1.08 0.00	37.09 1.49 -1.19	28.06 1.37 -0.27	34.98 1.87 -0.18	39.74 2.15 -2.55	28.68 1.87 -0.01	23.87 1.53 0.00	25.95 1.58 0.00	26.20 1.71 0.00	27.51 1.77 0.00	30.64 1.96 0.00	37.21 2.28 -0.01	30.36 1.80 0.00	33.30 1.83 0.00	45.09 2.22 0.00	56.89 2.83 0.00	43.90 2.30 0.00	45.26 2.13 -0.01	39.78 1.93 -0.01	41.41 2.01 0.00	35.64 1.85 0.00
ARTHUR_KILL_3 23513	31.07 0.95 -0.22	47.21 0.68 -19.97	27.83 0.68 0.00	27.54 0.62 0.00	36.47 0.88 -1.18	27.57 0.89 -0.27	34.45 1.35 -0.17	39.16 1.58 -2.55	28.26 1.45 0.00	23.68 1.34 0.00	25.81 1.44 0.00	25.90 1.42 0.00	27.19 1.45 0.00	30.28 1.60 0.00	36.77 1.85 0.00	30.05 1.50 0.00	32.97 1.50 0.00	44.68 1.80 0.00	56.05 1.99 0.00	43.20 1.61 0.00	44.57 1.44 0.00	39.19 1.35 0.00	40.76 1.36 0.00	35.08 1.29 0.00

ARTHUR_KILL_COGEN 323718	31.65 1.54 -0.22	47.75 1.22 -19.97	28.38 1.22 0.00	28.08 1.15 0.00	37.19 1.60 -1.19	28.14 1.45 -0.27	35.09 1.98 -0.18	39.84 2.25 -2.55	28.75 1.94 -0.01	23.94 1.59 0.00	26.02 1.65 0.00	26.27 1.78 0.00	27.58 1.85 0.00	30.72 2.05 0.00	37.32 2.40 -0.01	30.45 1.89 0.00	33.40 1.93 0.00	45.22 2.35 0.00	57.06 3.00 0.00	44.04 2.44 0.00	45.41 2.27 -0.01	39.91 2.06 -0.01	41.54 2.13 0.00	35.74 1.95 0.00
ASHOKAN____ 23654	30.81 0.91 0.00	27.27 0.71 0.00	27.85 0.71 0.00	27.59 0.66 0.00	35.54 1.13 0.00	27.24 0.82 0.00	34.07 1.13 0.00	36.57 1.53 0.00	27.87 1.07 0.00	23.15 0.81 0.00	25.20 0.83 0.00	25.33 0.84 0.00	26.38 0.64 0.00	29.36 0.68 0.00	35.72 0.80 0.00	29.16 0.60 0.00	32.22 0.74 0.00	43.95 1.08 0.00	55.81 1.75 0.00	43.13 1.54 0.00	44.57 1.44 0.00	39.07 1.23 0.00	40.52 1.12 0.00	34.67 0.88 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.14 1.02 -0.22	47.24 0.71 -19.97	28.00 0.85 0.00	27.59 0.67 0.00	36.42 0.83 -1.18	27.61 0.92 -0.27	34.40 1.30 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.97 1.48 0.00	27.21 1.48 0.00	30.28 1.60 0.00	36.76 1.84 0.00	30.06 1.50 0.00	32.98 1.50 0.00	44.61 1.73 0.00	56.07 2.02 0.00	43.18 1.58 0.00	44.59 1.46 0.00	39.23 1.38 0.00	40.82 1.42 0.00	35.14 1.35 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.14 1.02 -0.22	47.24 0.71 -19.97	28.00 0.85 0.00	27.59 0.67 0.00	36.42 0.83 -1.18	27.61 0.92 -0.27	34.40 1.30 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.97 1.48 0.00	27.21 1.48 0.00	30.28 1.60 0.00	36.76 1.84 0.00	30.06 1.50 0.00	32.98 1.50 0.00	44.61 1.73 0.00	56.07 2.02 0.00	43.18 1.58 0.00	44.59 1.46 0.00	39.23 1.38 0.00	40.82 1.42 0.00	35.14 1.35 0.00
ASTORIA_GT2_1 24094	31.15 1.03 -0.22	47.26 0.72 -19.97	28.02 0.87 0.00	27.60 0.67 0.00	36.44 0.85 -1.19	27.63 0.94 -0.27	34.42 1.32 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.98 1.50 0.00	27.23 1.49 0.00	30.30 1.62 0.00	36.78 1.86 0.00	30.08 1.52 0.00	32.99 1.51 0.00	44.64 1.76 0.00	56.08 2.03 0.00	43.20 1.61 0.00	44.62 1.48 0.00	39.25 1.41 0.00	40.85 1.44 0.00	35.17 1.38 0.00
ASTORIA_GT2_2 24095	31.15 1.03 -0.22	47.26 0.72 -19.97	28.02 0.87 0.00	27.60 0.67 0.00	36.44 0.85 -1.19	27.63 0.94 -0.27	34.42 1.32 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.98 1.50 0.00	27.23 1.49 0.00	30.30 1.62 0.00	36.78 1.86 0.00	30.08 1.52 0.00	32.99 1.51 0.00	44.64 1.76 0.00	56.08 2.03 0.00	43.20 1.61 0.00	44.62 1.48 0.00	39.25 1.41 0.00	40.85 1.44 0.00	35.17 1.38 0.00
ASTORIA_GT2_3 24096	31.15 1.03 -0.22	47.26 0.72 -19.97	28.02 0.87 0.00	27.60 0.67 0.00	36.44 0.85 -1.19	27.63 0.94 -0.27	34.42 1.32 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.98 1.50 0.00	27.23 1.49 0.00	30.30 1.62 0.00	36.78 1.86 0.00	30.08 1.52 0.00	32.99 1.51 0.00	44.64 1.76 0.00	56.08 2.03 0.00	43.20 1.61 0.00	44.62 1.48 0.00	39.25 1.41 0.00	40.85 1.44 0.00	35.17 1.38 0.00
ASTORIA_GT2_4 24097	31.15 1.03 -0.22	47.26 0.72 -19.97	28.02 0.87 0.00	27.60 0.67 0.00	36.44 0.85 -1.19	27.63 0.94 -0.27	34.42 1.32 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.98 1.50 0.00	27.23 1.49 0.00	30.30 1.62 0.00	36.78 1.86 0.00	30.08 1.52 0.00	32.99 1.51 0.00	44.64 1.76 0.00	56.08 2.03 0.00	43.20 1.61 0.00	44.62 1.48 0.00	39.25 1.41 0.00	40.85 1.44 0.00	35.17 1.38 0.00
ASTORIA_GT3_1 24098	31.15 1.03 -0.22	47.26 0.72 -19.97	28.02 0.87 0.00	27.60 0.67 0.00	36.44 0.85 -1.19	27.63 0.94 -0.27	34.42 1.32 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.98 1.50 0.00	27.23 1.49 0.00	30.30 1.62 0.00	36.78 1.86 0.00	30.08 1.52 0.00	32.99 1.51 0.00	44.64 1.76 0.00	56.08 2.03 0.00	43.20 1.61 0.00	44.62 1.48 0.00	39.25 1.41 0.00	40.85 1.44 0.00	35.17 1.38 0.00
ASTORIA_GT3_2 24099	31.15 1.03 -0.22	47.26 0.72 -19.97	28.02 0.87 0.00	27.60 0.67 0.00	36.44 0.85 -1.19	27.63 0.94 -0.27	34.42 1.32 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.98 1.50 0.00	27.23 1.49 0.00	30.30 1.62 0.00	36.78 1.86 0.00	30.08 1.52 0.00	32.99 1.51 0.00	44.64 1.76 0.00	56.08 2.03 0.00	43.20 1.61 0.00	44.62 1.48 0.00	39.25 1.41 0.00	40.85 1.44 0.00	35.17 1.38 0.00
ASTORIA_GT3_3 24100	31.15 1.03 -0.22	47.26 0.72 -19.97	28.02 0.87 0.00	27.60 0.67 0.00	36.44 0.85 -1.19	27.63 0.94 -0.27	34.42 1.32 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.98 1.50 0.00	27.23 1.49 0.00	30.30 1.62 0.00	36.78 1.86 0.00	30.08 1.52 0.00	32.99 1.51 0.00	44.64 1.76 0.00	56.08 2.03 0.00	43.20 1.61 0.00	44.62 1.48 0.00	39.25 1.41 0.00	40.85 1.44 0.00	35.17 1.38 0.00
ASTORIA_GT3_4 24101	31.15 1.03 -0.22	47.26 0.72 -19.97	28.02 0.87 0.00	27.60 0.67 0.00	36.44 0.85 -1.19	27.63 0.94 -0.27	34.42 1.32 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.98 1.50 0.00	27.23 1.49 0.00	30.30 1.62 0.00	36.78 1.86 0.00	30.08 1.52 0.00	32.99 1.51 0.00	44.64 1.76 0.00	56.08 2.03 0.00	43.20 1.61 0.00	44.62 1.48 0.00	39.25 1.41 0.00	40.85 1.44 0.00	35.17 1.38 0.00
ASTORIA_GT4_1 24102	31.15 1.03 -0.22	47.26 0.72 -19.97	28.02 0.87 0.00	27.60 0.67 0.00	36.44 0.85 -1.19	27.63 0.94 -0.27	34.42 1.32 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.98 1.50 0.00	27.23 1.49 0.00	30.30 1.62 0.00	36.78 1.86 0.00	30.08 1.52 0.00	32.99 1.51 0.00	44.64 1.76 0.00	56.08 2.03 0.00	43.20 1.61 0.00	44.62 1.48 0.00	39.25 1.41 0.00	40.85 1.44 0.00	35.17 1.38 0.00
ASTORIA_GT4_2 24103	31.15 1.03 -0.22	47.26 0.72 -19.97	28.02 0.87 0.00	27.60 0.67 0.00	36.44 0.85 -1.19	27.63 0.94 -0.27	34.42 1.32 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.98 1.50 0.00	27.23 1.49 0.00	30.30 1.62 0.00	36.78 1.86 0.00	30.08 1.52 0.00	32.99 1.51 0.00	44.64 1.76 0.00	56.08 2.03 0.00	43.20 1.61 0.00	44.62 1.48 0.00	39.25 1.41 0.00	40.85 1.44 0.00	35.17 1.38 0.00
ASTORIA_GT4_3 24104	31.15 1.03 -0.22	47.26 0.72 -19.97	28.02 0.87 0.00	27.60 0.67 0.00	36.44 0.85 -1.19	27.63 0.94 -0.27	34.42 1.32 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.98 1.50 0.00	27.23 1.49 0.00	30.30 1.62 0.00	36.78 1.86 0.00	30.08 1.52 0.00	32.99 1.51 0.00	44.64 1.76 0.00	56.08 2.03 0.00	43.20 1.61 0.00	44.62 1.48 0.00	39.25 1.41 0.00	40.85 1.44 0.00	35.17 1.38 0.00

ASTORIA_GT4_4 24105	31.15 1.03 -0.22	47.26 0.72 -19.97	28.02 0.87 0.00	27.60 0.67 0.00	36.44 0.85 -1.19	27.63 0.94 -0.27	34.42 1.32 -0.17	39.13 1.54 -2.55	28.35 1.54 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.98 1.50 0.00	27.23 1.49 0.00	30.30 1.62 0.00	36.78 1.86 0.00	30.08 1.52 0.00	32.99 1.51 0.00	44.64 1.76 0.00	56.08 2.03 0.00	43.20 1.61 0.00	44.62 1.48 0.00	39.25 1.41 0.00	40.85 1.44 0.00	35.17 1.38 0.00
ASTORIA_GT_1 23523	31.20 1.08 -0.22	47.30 0.77 -19.97	28.05 0.90 0.00	27.65 0.72 0.00	36.49 0.90 -1.19	27.66 0.97 -0.27	34.48 1.38 -0.17	39.19 1.61 -2.55	28.41 1.60 0.00	23.77 1.42 0.00	25.89 1.52 0.00	26.04 1.55 0.00	27.28 1.55 0.00	30.36 1.68 0.00	36.85 1.93 0.00	30.14 1.58 0.00	33.05 1.58 0.00	44.73 1.85 0.00	56.22 2.16 0.00	43.30 1.71 0.00	44.71 1.57 0.00	39.33 1.48 0.00	40.92 1.52 0.00	35.22 1.43 0.00
ASTORIA_GT_10 24110	31.22 1.10 -0.22	47.35 0.82 -19.97	28.00 0.85 0.00	27.68 0.75 0.00	36.62 1.02 -1.19	27.69 1.01 -0.27	34.56 1.46 -0.17	39.30 1.72 -2.55	28.41 1.60 0.00	23.81 1.46 0.00	25.92 1.56 0.00	26.08 1.59 0.00	27.35 1.62 0.00	30.44 1.76 0.00	36.96 2.04 0.00	30.18 1.62 0.00	33.12 1.65 0.00	44.86 1.99 0.00	56.28 2.23 0.00	43.39 1.79 0.00	44.81 1.67 0.00	39.40 1.55 0.00	41.00 1.60 0.00	35.27 1.48 0.00
ASTORIA_GT_11 24225	31.22 1.10 -0.22	47.35 0.82 -19.97	28.00 0.85 0.00	27.68 0.75 0.00	36.62 1.02 -1.19	27.69 1.01 -0.27	34.56 1.46 -0.17	39.30 1.72 -2.55	28.41 1.60 0.00	23.81 1.46 0.00	25.92 1.56 0.00	26.08 1.59 0.00	27.35 1.62 0.00	30.44 1.76 0.00	36.96 2.04 0.00	30.18 1.62 0.00	33.12 1.65 0.00	44.86 1.99 0.00	56.28 2.23 0.00	43.39 1.79 0.00	44.81 1.67 0.00	39.40 1.55 0.00	41.00 1.60 0.00	35.27 1.48 0.00
ASTORIA_GT_12 24226	31.22 1.10 -0.22	47.35 0.82 -19.97	28.00 0.85 0.00	27.68 0.75 0.00	36.62 1.02 -1.19	27.69 1.01 -0.27	34.56 1.46 -0.17	39.30 1.72 -2.55	28.41 1.60 0.00	23.81 1.46 0.00	25.92 1.56 0.00	26.08 1.59 0.00	27.35 1.62 0.00	30.44 1.76 0.00	36.96 2.04 0.00	30.18 1.62 0.00	33.12 1.65 0.00	44.86 1.99 0.00	56.28 2.23 0.00	43.39 1.79 0.00	44.81 1.67 0.00	39.40 1.55 0.00	41.00 1.60 0.00	35.27 1.48 0.00
ASTORIA_GT_13 24227	31.22 1.10 -0.22	47.35 0.82 -19.97	28.00 0.85 0.00	27.68 0.75 0.00	36.62 1.02 -1.19	27.69 1.01 -0.27	34.56 1.46 -0.17	39.30 1.72 -2.55	28.41 1.60 0.00	23.81 1.46 0.00	25.92 1.56 0.00	26.08 1.59 0.00	27.35 1.62 0.00	30.44 1.76 0.00	36.96 2.04 0.00	30.18 1.62 0.00	33.12 1.65 0.00	44.86 1.99 0.00	56.28 2.23 0.00	43.39 1.79 0.00	44.81 1.67 0.00	39.40 1.55 0.00	41.00 1.60 0.00	35.27 1.48 0.00
ASTORIA_GT_5 24106	31.20 1.08 -0.22	47.30 0.77 -19.97	28.05 0.90 0.00	27.65 0.72 0.00	36.49 0.90 -1.19	27.66 0.97 -0.27	34.48 1.38 -0.17	39.19 1.61 -2.55	28.41 1.60 0.00	23.77 1.42 0.00	25.89 1.52 0.00	26.04 1.55 0.00	27.28 1.55 0.00	30.36 1.68 0.00	36.85 1.93 0.00	30.14 1.58 0.00	33.05 1.58 0.00	44.73 1.85 0.00	56.22 2.16 0.00	43.30 1.71 0.00	44.71 1.57 0.00	39.33 1.48 0.00	40.92 1.52 0.00	35.22 1.43 0.00
ASTORIA_GT_7 24107	31.20 1.08 -0.22	47.30 0.77 -19.97	28.05 0.90 0.00	27.65 0.72 0.00	36.49 0.90 -1.19	27.66 0.97 -0.27	34.48 1.38 -0.17	39.19 1.61 -2.55	28.41 1.60 0.00	23.77 1.42 0.00	25.89 1.52 0.00	26.04 1.55 0.00	27.28 1.55 0.00	30.36 1.68 0.00	36.85 1.93 0.00	30.14 1.58 0.00	33.05 1.58 0.00	44.73 1.85 0.00	56.22 2.16 0.00	43.30 1.71 0.00	44.71 1.57 0.00	39.33 1.48 0.00	40.92 1.52 0.00	35.22 1.43 0.00
ASTORIA_GT_8 24108	31.20 1.08 -0.22	47.30 0.77 -19.97	28.05 0.90 0.00	27.65 0.72 0.00	36.49 0.90 -1.19	27.66 0.97 -0.27	34.48 1.38 -0.17	39.19 1.61 -2.55	28.41 1.60 0.00	23.77 1.42 0.00	25.89 1.52 0.00	26.04 1.55 0.00	27.28 1.55 0.00	30.36 1.68 0.00	36.85 1.93 0.00	30.14 1.58 0.00	33.05 1.58 0.00	44.73 1.85 0.00	56.22 2.16 0.00	43.30 1.71 0.00	44.71 1.57 0.00	39.33 1.48 0.00	40.92 1.52 0.00	35.22 1.43 0.00
ASTORIA___2 24149	31.15 1.04 -0.22	47.26 0.72 -19.97	28.02 0.87 0.00	27.60 0.68 0.00	36.44 0.85 -1.18	27.63 0.94 -0.27	34.42 1.32 -0.17	39.14 1.55 -2.55	28.36 1.55 0.00	23.72 1.37 0.00	25.83 1.47 0.00	25.98 1.49 0.00	27.23 1.49 0.00	30.30 1.62 0.00	36.79 1.87 0.00	30.08 1.52 0.00	32.99 1.51 0.00	44.63 1.76 0.00	56.08 2.03 0.00	43.20 1.61 0.00	44.61 1.48 0.00	39.25 1.40 0.00	40.84 1.44 0.00	35.17 1.38 0.00
ASTORIA___3 23516	31.22 1.10 -0.22	47.34 0.81 -19.97	28.00 0.85 0.00	27.67 0.75 0.00	36.61 1.02 -1.19	27.69 1.01 -0.27	34.56 1.46 -0.17	39.31 1.73 -2.55	28.41 1.60 0.00	23.81 1.46 0.00	25.92 1.56 0.00	26.07 1.58 0.00	27.35 1.62 0.00	30.44 1.76 0.00	36.96 2.04 0.00	30.19 1.62 0.00	33.12 1.65 0.00	44.86 1.99 0.00	56.29 2.23 0.00	43.39 1.79 0.00	44.81 1.67 0.00	39.39 1.55 0.00	40.99 1.59 0.00	35.27 1.48 0.00
ASTORIA___4 23517	31.22 1.10 -0.22	47.35 0.82 -19.97	28.00 0.85 0.00	27.67 0.75 0.00	36.62 1.02 -1.19	27.69 1.01 -0.27	34.56 1.46 -0.17	39.30 1.72 -2.55	28.41 1.60 0.00	23.81 1.46 0.00	25.92 1.56 0.00	26.08 1.59 0.00	27.35 1.62 0.00	30.44 1.76 0.00	36.95 2.03 0.00	30.18 1.62 0.00	33.12 1.65 0.00	44.86 1.99 0.00	56.28 2.23 0.00	43.39 1.79 0.00	44.81 1.67 0.00	39.40 1.55 0.00	41.00 1.60 0.00	35.27 1.48 0.00
ASTORIA___5 23518	31.22 1.10 -0.22	47.34 0.81 -19.97	28.00 0.85 0.00	27.67 0.75 0.00	36.61 1.02 -1.19	27.69 1.01 -0.27	34.56 1.46 -0.17	39.31 1.73 -2.55	28.41 1.60 0.00	23.81 1.46 0.00	25.92 1.56 0.00	26.07 1.58 0.00	27.35 1.62 0.00	30.44 1.76 0.00	36.96 2.04 0.00	30.19 1.62 0.00	33.12 1.65 0.00	44.86 1.99 0.00	56.29 2.23 0.00	43.39 1.80 0.00	44.81 1.67 0.00	39.39 1.55 0.00	40.99 1.59 0.00	35.27 1.48 0.00
AST_ENERGY_2_CC3 323677	27.57 0.73 3.06	35.71 0.44 -8.71	27.27 0.62 0.50	27.37 0.45 0.00	27.52 0.49 7.38	27.28 0.69 -0.17	28.83 0.98 5.09	27.61 1.19 8.62	26.42 1.31 1.70	23.57 1.22 0.00	25.67 1.30 0.00	25.81 1.32 0.00	27.04 1.31 0.00	28.66 1.32 1.34	28.66 1.49 7.75	28.61 1.21 1.17	28.66 1.18 4.00	28.99 1.30 15.19	45.89 1.45 9.61	28.66 1.17 14.10	31.84 1.03 12.32	29.23 1.00 9.61	32.39 1.02 8.03	30.04 1.00 4.76
AST_ENERGY_2_CC4 323678	27.57 0.73 3.06	35.71 0.44 -8.71	27.27 0.62 0.50	27.37 0.45 0.00	27.52 0.49 7.38	27.28 0.69 -0.17	28.83 0.98 5.09	27.61 1.19 8.62	26.42 1.31 1.70	23.57 1.22 0.00	25.67 1.30 0.00	25.81 1.32 0.00	27.04 1.31 0.00	28.66 1.32 1.34	28.66 1.49 7.75	28.61 1.21 1.17	28.66 1.18 4.00	28.99 1.30 15.19	45.89 1.45 9.61	28.66 1.17 14.10	31.84 1.03 12.32	29.23 1.00 9.61	32.39 1.02 8.03	30.04 1.00 4.76

ATHENS_STG_1 23668	30.61 0.61 -0.10	36.24 0.46 -9.23	27.66 0.50 0.00	27.40 0.48 0.00	35.59 0.63 -0.55	27.03 0.49 -0.12	33.64 0.63 -0.08	36.90 0.68 -1.18	27.47 0.66 0.00	22.97 0.62 0.00	25.02 0.66 0.00	25.16 0.67 0.00	26.38 0.65 0.00	29.35 0.67 0.00	35.66 0.74 0.00	29.12 0.56 0.00	32.02 0.54 0.00	43.49 0.62 0.00	54.76 0.71 0.00	42.22 0.62 0.00	43.71 0.57 0.00	38.39 0.55 0.00	39.95 0.55 0.00	34.34 0.55 0.00
ATHENS_STG_2 23670	30.61 0.61 -0.10	36.24 0.46 -9.23	27.66 0.50 0.00	27.40 0.48 0.00	35.59 0.63 -0.55	27.03 0.49 -0.12	33.64 0.63 -0.08	36.90 0.68 -1.18	27.47 0.66 0.00	22.97 0.62 0.00	25.02 0.66 0.00	25.16 0.67 0.00	26.38 0.65 0.00	29.35 0.67 0.00	35.66 0.74 0.00	29.12 0.56 0.00	32.02 0.54 0.00	43.49 0.62 0.00	54.76 0.71 0.00	42.22 0.62 0.00	43.71 0.57 0.00	38.39 0.55 0.00	39.95 0.55 0.00	34.34 0.55 0.00
ATHENS_STG_3 23677	30.61 0.61 -0.10	36.24 0.46 -9.23	27.66 0.50 0.00	27.40 0.48 0.00	35.59 0.63 -0.55	27.03 0.49 -0.12	33.64 0.63 -0.08	36.90 0.68 -1.18	27.47 0.66 0.00	22.97 0.62 0.00	25.02 0.66 0.00	25.16 0.67 0.00	26.38 0.65 0.00	29.35 0.67 0.00	35.66 0.74 0.00	29.12 0.56 0.00	32.02 0.54 0.00	43.49 0.62 0.00	54.76 0.71 0.00	42.22 0.62 0.00	43.71 0.57 0.00	38.39 0.55 0.00	39.95 0.55 0.00	34.34 0.55 0.00
AUBURN___LFGE 323710	32.18 0.35 -1.93	37.89 0.33 -11.01	31.20 0.23 -3.82	27.24 0.24 -0.08	34.74 0.33 0.00	26.86 0.30 -0.14	35.74 0.25 -2.56	38.90 0.28 -3.58	27.55 0.08 -0.66	22.35 0.00 0.00	24.37 -0.01 -0.02	26.17 -0.07 -1.76	25.99 -0.05 -0.30	30.45 0.03 -1.74	38.77 0.23 -3.62	31.39 0.25 -2.59	34.86 0.38 -3.00	50.32 0.64 -6.80	75.40 1.17 -20.18	62.98 0.87 -20.52	55.41 0.66 -11.62	43.75 0.54 -5.36	47.47 0.57 -7.50	38.21 0.41 -4.01
BABYLON_RES_REC 323704	31.19 1.07 -0.22	47.32 0.79 -19.98	27.95 0.80 0.00	27.64 0.72 0.00	36.52 0.92 -1.18	27.55 0.86 -0.27	34.12 1.02 -0.17	39.15 1.56 -2.55	27.99 1.18 0.00	23.62 1.27 0.00	25.98 1.61 0.00	26.20 1.71 0.00	27.45 1.72 0.00	30.48 1.81 0.00	36.52 1.60 0.00	25.83 0.66 3.39	28.96 0.59 3.11	43.60 0.73 0.00	54.68 0.62 0.00	42.27 0.67 0.00	43.63 0.49 0.00	38.57 0.73 0.00	41.06 1.66 0.00	35.35 1.56 0.00
BALL_HILL_WT_PWR 323825	30.10 0.21 0.00	27.04 0.49 0.00	27.23 0.08 0.00	27.06 0.13 0.00	34.68 0.27 0.00	26.87 0.39 -0.06	33.50 -0.61 -1.18	35.94 -0.71 -1.60	26.42 -0.68 -0.30	22.04 -0.31 0.00	24.29 -0.08 -0.01	25.07 -0.21 -0.79	25.89 0.02 -0.13	29.58 0.12 -0.78	37.11 0.57 -1.62	30.25 0.53 -1.16	33.43 0.57 -1.37	46.78 0.77 -3.13	64.85 1.51 -9.29	51.53 0.65 -9.29	48.51 0.04 -5.34	40.56 0.25 -2.46	43.60 0.75 -3.45	36.40 0.77 -1.85
BARON_WINDS___WT_PWR 323822	30.16 0.26 0.00	26.94 0.38 0.00	27.17 0.02 0.00	27.02 0.10 0.00	34.62 0.21 0.00	26.81 0.32 -0.07	34.17 -0.16 -1.39	36.74 -0.20 -1.90	26.86 -0.30 -0.35	22.09 -0.26 0.00	24.12 -0.26 -0.01	25.05 -0.37 -0.93	25.64 -0.25 -0.16	29.38 -0.22 -0.93	36.87 0.03 -1.92	30.11 0.18 -1.37	33.37 0.27 -1.63	46.97 0.40 -3.70	66.32 1.29 -10.97	53.39 0.82 -10.97	49.79 0.34 -6.31	41.19 0.42 -2.92	44.16 0.67 -4.08	36.53 0.56 -2.18
BARRETT_IC_1 23704	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.05 1.56 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.91 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.69 0.85 0.00	40.78 1.38 0.00	35.09 1.30 0.00
BARRETT_IC_10 23701	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.05 1.56 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.91 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.69 0.85 0.00	40.78 1.38 0.00	35.09 1.30 0.00
BARRETT_IC_11 23702	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.05 1.56 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.91 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.69 0.85 0.00	40.78 1.38 0.00	35.09 1.30 0.00
BARRETT_IC_12 23703	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.05 1.56 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.91 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.69 0.85 0.00	40.78 1.38 0.00	35.09 1.30 0.00
BARRETT_IC_2 23705	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.05 1.56 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.91 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.69 0.85 0.00	40.78 1.38 0.00	35.09 1.30 0.00
BARRETT_IC_3 23706	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.05 1.56 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.91 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.69 0.85 0.00	40.78 1.38 0.00	35.09 1.30 0.00
BARRETT_IC_4 23707	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.05 1.56 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.91 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.69 0.85 0.00	40.78 1.38 0.00	35.09 1.30 0.00
BARRETT_IC_5 23708	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.05 1.56 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.91 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.69 0.85 0.00	40.78 1.38 0.00	35.09 1.30 0.00

BARRETT_IC_6 23709	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.05 1.56 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.91 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.69 0.85 0.00	40.78 1.38 0.00	35.09 1.30 0.00
BARRETT_IC_7 23710	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.06 1.57 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.90 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.70 0.85 0.00	40.79 1.38 0.00	35.09 1.30 0.00
BARRETT_IC_8 23711	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.05 1.56 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.91 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.69 0.85 0.00	40.78 1.38 0.00	35.09 1.30 0.00
BARRETT_IC_9 23700	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.05 1.56 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.91 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.69 0.85 0.00	40.78 1.38 0.00	35.09 1.30 0.00
BARRETT___1 23545	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.05 1.56 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.91 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.69 0.85 0.00	40.78 1.38 0.00	35.09 1.30 0.00
BARRETT___2 23546	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.51 0.82 -0.27	34.11 1.01 -0.17	38.92 1.33 -2.55	27.90 1.10 0.00	23.53 1.18 0.00	25.86 1.50 0.00	26.05 1.56 0.00	27.31 1.57 0.00	30.35 1.67 0.00	36.58 1.66 0.00	29.45 0.87 -0.02	32.13 0.80 0.15	43.91 1.03 0.00	55.18 1.13 0.00	42.61 1.01 0.00	43.86 0.72 0.00	38.69 0.85 0.00	40.78 1.38 0.00	35.09 1.30 0.00
BATAVIA__115KV_TB1 55881	30.87 0.98 0.00	27.70 1.14 0.00	28.01 0.86 0.00	27.77 0.84 0.00	35.61 1.20 0.00	27.50 1.02 -0.06	34.27 0.21 -1.14	36.76 0.17 -1.55	27.17 0.08 -0.29	22.36 0.01 0.00	24.53 0.15 -0.01	25.34 0.09 -0.76	26.19 0.33 -0.13	30.00 0.57 -0.75	37.51 1.02 -1.57	30.70 1.02 -1.12	33.88 1.08 -1.32	47.47 1.58 -3.02	65.91 2.91 -8.95	52.35 1.80 -8.95	49.58 1.30 -5.15	41.43 1.21 -2.38	44.34 1.61 -3.33	37.14 1.57 -1.78
BAYONEEC___CTG1 323682	31.20 1.08 -0.22	47.33 0.80 -19.97	27.95 0.80 0.00	27.66 0.74 0.00	36.63 1.03 -1.18	27.68 0.99 -0.27	34.56 1.45 -0.17	39.28 1.70 -2.55	28.35 1.55 0.00	23.75 1.40 0.00	25.89 1.52 0.00	26.01 1.52 0.00	27.29 1.56 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.14 1.58 0.00	33.07 1.60 0.00	44.82 1.95 0.00	56.27 2.21 0.00	43.36 1.77 0.00	44.75 1.62 0.00	39.35 1.51 0.00	40.95 1.55 0.00	35.23 1.44 0.00
BAYONEEC___CTG10 323750	31.20 1.08 -0.22	47.33 0.80 -19.97	27.95 0.80 0.00	27.66 0.74 0.00	36.63 1.03 -1.18	27.68 0.99 -0.27	34.56 1.45 -0.17	39.28 1.70 -2.55	28.35 1.55 0.00	23.75 1.40 0.00	25.89 1.52 0.00	26.01 1.52 0.00	27.29 1.56 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.14 1.58 0.00	33.07 1.60 0.00	44.82 1.95 0.00	56.27 2.21 0.00	43.36 1.77 0.00	44.75 1.62 0.00	39.35 1.51 0.00	40.95 1.55 0.00	35.23 1.44 0.00
BAYONEEC___CTG2 323683	31.20 1.08 -0.22	47.33 0.80 -19.97	27.95 0.80 0.00	27.66 0.74 0.00	36.63 1.03 -1.18	27.68 0.99 -0.27	34.56 1.45 -0.17	39.28 1.70 -2.55	28.35 1.55 0.00	23.75 1.40 0.00	25.89 1.52 0.00	26.01 1.52 0.00	27.29 1.56 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.14 1.58 0.00	33.07 1.60 0.00	44.82 1.95 0.00	56.27 2.21 0.00	43.36 1.77 0.00	44.75 1.62 0.00	39.35 1.51 0.00	40.95 1.55 0.00	35.23 1.44 0.00
BAYONEEC___CTG3 323684	31.20 1.08 -0.22	47.33 0.80 -19.97	27.95 0.80 0.00	27.66 0.74 0.00	36.63 1.03 -1.18	27.68 0.99 -0.27	34.56 1.45 -0.17	39.28 1.70 -2.55	28.35 1.55 0.00	23.75 1.40 0.00	25.89 1.52 0.00	26.01 1.52 0.00	27.29 1.56 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.14 1.58 0.00	33.07 1.60 0.00	44.82 1.95 0.00	56.27 2.21 0.00	43.36 1.77 0.00	44.75 1.62 0.00	39.35 1.51 0.00	40.95 1.55 0.00	35.23 1.44 0.00
BAYONEEC___CTG4 323685	31.20 1.08 -0.22	47.33 0.80 -19.97	27.95 0.80 0.00	27.66 0.74 0.00	36.63 1.03 -1.18	27.68 0.99 -0.27	34.56 1.45 -0.17	39.28 1.70 -2.55	28.35 1.55 0.00	23.75 1.40 0.00	25.89 1.52 0.00	26.01 1.52 0.00	27.29 1.56 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.14 1.58 0.00	33.07 1.60 0.00	44.82 1.95 0.00	56.27 2.21 0.00	43.36 1.77 0.00	44.75 1.62 0.00	39.35 1.51 0.00	40.95 1.55 0.00	35.23 1.44 0.00
BAYONEEC___CTG5 323686	31.20 1.08 -0.22	47.33 0.80 -19.97	27.95 0.80 0.00	27.66 0.74 0.00	36.63 1.03 -1.18	27.68 0.99 -0.27	34.56 1.45 -0.17	39.28 1.70 -2.55	28.35 1.55 0.00	23.75 1.40 0.00	25.89 1.52 0.00	26.01 1.52 0.00	27.29 1.56 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.14 1.58 0.00	33.07 1.60 0.00	44.82 1.95 0.00	56.27 2.21 0.00	43.36 1.77 0.00	44.75 1.62 0.00	39.35 1.51 0.00	40.95 1.55 0.00	35.23 1.44 0.00
BAYONEEC___CTG6 323687	31.20 1.08 -0.22	47.33 0.80 -19.97	27.95 0.80 0.00	27.66 0.74 0.00	36.63 1.03 -1.18	27.68 0.99 -0.27	34.56 1.45 -0.17	39.28 1.70 -2.55	28.35 1.55 0.00	23.75 1.40 0.00	25.89 1.52 0.00	26.01 1.52 0.00	27.29 1.56 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.14 1.58 0.00	33.07 1.60 0.00	44.82 1.95 0.00	56.27 2.21 0.00	43.36 1.77 0.00	44.75 1.62 0.00	39.35 1.51 0.00	40.95 1.55 0.00	35.23 1.44 0.00
BAYONEEC___CTG7 323688	31.20 1.08 -0.22	47.33 0.80 -19.97	27.95 0.80 0.00	27.66 0.74 0.00	36.63 1.03 -1.18	27.68 0.99 -0.27	34.56 1.45 -0.17	39.28 1.70 -2.55	28.35 1.55 0.00	23.75 1.40 0.00	25.89 1.52 0.00	26.01 1.52 0.00	27.29 1.56 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.14 1.58 0.00	33.07 1.60 0.00	44.82 1.95 0.00	56.27 2.21 0.00	43.36 1.77 0.00	44.75 1.62 0.00	39.35 1.51 0.00	40.95 1.55 0.00	35.23 1.44 0.00

BAYONEEC___CTG8 323689	31.20 1.08 -0.22	47.33 0.80 -19.97	27.95 0.80 0.00	27.66 0.74 0.00	36.63 1.03 -1.18	27.68 0.99 -0.27	34.56 1.45 -0.17	39.28 1.70 -2.55	28.35 1.55 0.00	23.75 1.40 0.00	25.89 1.52 0.00	26.01 1.52 0.00	27.29 1.56 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.14 1.58 0.00	33.07 1.60 0.00	44.82 1.95 0.00	56.27 2.21 0.00	43.36 1.77 0.00	44.75 1.62 0.00	39.35 1.51 0.00	40.95 1.55 0.00	35.23 1.44 0.00
BAYONEEC___CTG9 323749	31.20 1.08 -0.22	47.33 0.80 -19.97	27.95 0.80 0.00	27.66 0.74 0.00	36.63 1.03 -1.18	27.68 0.99 -0.27	34.56 1.45 -0.17	39.28 1.70 -2.55	28.35 1.55 0.00	23.75 1.40 0.00	25.89 1.52 0.00	26.01 1.52 0.00	27.29 1.56 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.14 1.58 0.00	33.07 1.60 0.00	44.82 1.95 0.00	56.27 2.21 0.00	43.36 1.77 0.00	44.75 1.62 0.00	39.35 1.51 0.00	40.95 1.55 0.00	35.23 1.44 0.00
BEACON___LESR 323632	30.03 0.29 0.17	11.82 0.31 15.05	27.50 0.35 0.00	27.29 0.37 0.00	33.98 0.47 0.89	26.68 0.46 0.20	33.47 0.66 0.13	33.79 0.66 1.91	27.40 0.59 0.00	22.87 0.52 0.00	24.91 0.55 0.00	25.05 0.56 0.00	26.22 0.48 0.00	29.06 0.38 0.00	35.30 0.38 0.00	28.78 0.22 0.00	31.76 0.28 0.00	43.27 0.39 0.00	54.72 0.67 0.00	42.10 0.51 0.00	43.55 0.42 0.00	38.29 0.45 0.00	39.98 0.58 0.00	34.17 0.37 0.00
BEAVER RIVER___HYD 24048	68.02 1.21 -36.91	237.78 0.90 -210.33	100.96 0.82 -72.99	29.26 0.79 -1.54	35.40 1.00 0.00	27.34 0.85 -0.06	35.48 1.36 -1.19	37.89 1.27 -1.58	27.89 0.79 -0.29	22.64 0.30 0.00	24.56 0.18 -0.01	25.41 0.15 -0.78	26.07 0.21 -0.13	29.79 0.34 -0.77	37.04 0.52 -1.59	30.17 0.47 -1.14	33.48 0.61 -1.39	47.18 1.13 -3.18	65.12 1.65 -9.41	59.29 1.68 -16.02	50.56 1.77 -5.66	41.69 1.34 -2.50	43.97 1.07 -3.50	36.58 0.92 -1.87
BEEBEE_GT_13 23619	30.27 0.38 0.00	27.01 0.45 0.00	27.43 0.28 0.00	27.19 0.27 0.00	34.82 0.42 0.00	26.87 0.39 -0.06	33.96 -0.06 -1.09	36.43 -0.11 -1.50	26.95 -0.13 -0.28	22.29 -0.06 0.00	24.46 0.09 -0.01	25.27 0.05 -0.74	26.08 0.21 -0.12	29.74 0.33 -0.73	37.18 0.74 -1.51	30.32 0.68 -1.08	33.49 0.74 -1.28	46.92 1.13 -2.91	64.52 1.84 -8.63	51.26 1.04 -8.63	48.76 0.66 -4.96	40.72 0.58 -2.29	43.38 0.77 -3.21	36.16 0.65 -1.71
BENSHRST_27_KV_BENSHRST_1 355998	31.59 1.47 -0.22	47.67 1.14 -19.97	28.31 1.16 0.00	28.00 1.07 0.00	37.05 1.46 -1.19	28.04 1.35 -0.27	35.00 1.89 -0.18	39.76 2.17 -2.55	28.74 1.93 -0.01	24.04 1.69 0.00	26.18 1.82 0.00	26.37 1.89 0.00	27.69 1.95 0.00	30.83 2.15 0.00	37.45 2.52 -0.01	30.57 2.01 0.00	33.56 2.08 0.00	45.44 2.56 0.00	57.07 3.02 0.00	44.02 2.42 0.00	45.43 2.30 -0.01	39.94 2.09 -0.01	41.56 2.15 0.00	35.72 1.93 0.00
BETHLEHEM___GRP 23843	29.66 -0.08 0.16	12.42 -0.09 14.04	27.19 0.04 0.00	26.94 0.01 0.00	33.55 -0.03 0.83	26.29 0.05 0.19	32.94 0.13 0.12	33.39 0.14 1.79	27.00 0.19 0.00	22.52 0.17 0.00	24.48 0.12 0.00	24.65 0.16 0.00	25.76 0.03 0.00	28.64 -0.04 0.00	34.78 -0.14 0.00	28.44 -0.12 0.00	31.30 -0.18 0.00	42.54 -0.33 0.00	53.63 -0.42 0.00	41.33 -0.26 0.00	42.91 -0.23 0.00	37.69 -0.16 0.00	39.18 -0.22 0.00	33.64 -0.15 0.00
BETHLEHEM___GS1 323560	29.66 -0.08 0.16	12.42 -0.09 14.04	27.18 0.03 0.00	26.94 0.01 0.00	33.55 -0.03 0.83	26.29 0.05 0.19	32.95 0.14 0.12	33.40 0.15 1.79	27.00 0.19 0.00	22.52 0.17 0.00	24.48 0.12 0.00	24.65 0.17 0.00	25.76 0.03 0.00	28.64 -0.04 0.00	34.78 -0.14 0.00	28.44 -0.12 0.00	31.30 -0.17 0.00	42.54 -0.33 0.00	53.63 -0.42 0.00	41.33 -0.26 0.00	42.91 -0.23 0.00	37.69 -0.15 0.00	39.18 -0.22 0.00	33.64 -0.15 0.00
BETHLEHEM___GS2 323561	29.66 -0.08 0.16	12.42 -0.09 14.04	27.18 0.03 0.00	26.94 0.01 0.00	33.55 -0.03 0.83	26.29 0.05 0.19	32.95 0.14 0.12	33.40 0.15 1.79	27.00 0.19 0.00	22.52 0.17 0.00	24.48 0.12 0.00	24.65 0.17 0.00	25.76 0.03 0.00	28.64 -0.04 0.00	34.78 -0.14 0.00	28.44 -0.12 0.00	31.30 -0.17 0.00	42.54 -0.33 0.00	53.63 -0.42 0.00	41.33 -0.26 0.00	42.91 -0.23 0.00	37.69 -0.15 0.00	39.18 -0.22 0.00	33.64 -0.15 0.00
BETHLEHEM___GS3 323562	29.66 -0.08 0.16	12.42 -0.09 14.04	27.18 0.03 0.00	26.94 0.01 0.00	33.55 -0.03 0.83	26.29 0.05 0.19	32.95 0.14 0.12	33.40 0.15 1.79	27.00 0.19 0.00	22.52 0.17 0.00	24.48 0.12 0.00	24.65 0.17 0.00	25.76 0.03 0.00	28.64 -0.04 0.00	34.78 -0.14 0.00	28.44 -0.12 0.00	31.30 -0.17 0.00	42.54 -0.33 0.00	53.63 -0.42 0.00	41.33 -0.26 0.00	42.91 -0.23 0.00	37.69 -0.15 0.00	39.18 -0.22 0.00	33.64 -0.15 0.00
BETHLEHEM___STEEL 23779	30.19 0.29 0.00	27.14 0.59 0.00	27.38 0.23 0.00	27.16 0.24 0.00	34.81 0.40 0.00	26.91 0.43 -0.06	33.40 -0.70 -1.17	35.76 -0.88 -1.60	26.34 -0.76 -0.30	21.94 -0.41 0.00	24.21 -0.16 -0.01	25.01 -0.27 -0.79	25.84 -0.03 -0.13	29.53 0.07 -0.78	37.05 0.51 -1.61	30.26 0.55 -1.15	33.40 0.55 -1.37	46.72 0.73 -3.11	64.78 1.49 -9.24	51.37 0.54 -9.24	48.40 -0.04 -5.31	40.47 0.17 -2.45	43.55 0.71 -3.43	36.42 0.80 -1.84
BETHLHEM_115KV_TB1 79974	29.75 0.00 0.15	13.36 -0.01 13.19	27.26 0.11 0.00	27.02 0.09 0.00	33.70 0.08 0.78	26.37 0.12 0.18	33.03 0.21 0.11	33.59 0.22 1.68	27.07 0.26 0.00	22.57 0.22 0.00	24.55 0.18 0.00	24.71 0.22 0.00	25.84 0.11 0.00	28.72 0.05 0.00	34.90 -0.02 0.00	28.53 -0.03 0.00	31.40 -0.08 0.00	42.68 -0.19 0.00	53.81 -0.24 0.00	41.46 -0.13 0.00	43.03 -0.10 0.00	37.80 -0.04 0.00	39.30 -0.10 0.00	33.75 -0.04 0.00
BETHPAGE_CC_5 323564	31.10 0.98 -0.22	47.24 0.71 -19.98	27.88 0.73 0.00	27.58 0.66 0.00	36.44 0.85 -1.18	27.46 0.77 -0.27	33.96 0.86 -0.17	38.88 1.29 -2.55	27.86 1.06 0.00	23.47 1.13 0.00	25.81 1.44 0.00	26.01 1.53 0.00	27.27 1.53 0.00	30.29 1.62 0.00	36.50 1.58 0.00	26.24 0.79 3.11	29.40 0.78 2.86	43.88 1.00 0.00	55.14 1.09 0.00	42.60 1.01 0.00	43.82 0.69 0.00	38.64 0.79 0.00	40.82 1.42 0.00	35.19 1.40 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.23 0.33 0.00	27.17 0.62 0.00	27.41 0.26 0.00	27.18 0.26 0.00	34.84 0.43 0.00	26.93 0.45 -0.06	33.47 -0.64 -1.17	35.85 -0.79 -1.60	26.41 -0.70 -0.30	22.00 -0.35 0.00	24.28 -0.09 -0.01	25.08 -0.20 -0.79	25.91 0.04 -0.13	29.61 0.15 -0.78	37.15 0.62 -1.62	30.35 0.63 -1.16	33.49 0.64 -1.37	46.85 0.85 -3.12	64.95 1.64 -9.26	51.50 0.64 -9.26	48.52 0.06 -5.32	40.56 0.25 -2.46	43.64 0.79 -3.44	36.48 0.85 -1.84
BINGHAMTON___COGEN 23790	30.18 0.28 0.00	26.83 0.28 0.00	27.29 0.14 0.00	27.11 0.18 0.00	34.64 0.23 0.00	26.73 0.23 -0.08	34.49 0.13 -1.43	37.16 0.18 -1.94	27.21 0.05 -0.36	22.46 0.11 0.00	24.51 0.13 -0.01	25.50 0.06 -0.95	26.00 0.10 -0.16	29.79 0.17 -0.94	37.24 0.37 -1.96	30.28 0.32 -1.40	33.51 0.36 -1.67	47.17 0.50 -3.80	66.16 0.84 -11.27	53.45 0.59 -11.27	49.97 0.36 -6.48	41.22 0.38 -2.99	44.04 0.45 -4.19	36.33 0.30 -2.24

BIXINCNT_115KV_LOAD 355685	30.31 0.41 0.00	27.17 0.62 0.00	27.41 0.26 0.00	27.14 0.22 0.00	34.88 0.48 0.00	27.03 0.54 -0.06	33.80 -0.32 -1.19	36.46 -0.20 -1.62	26.86 -0.25 -0.30	22.34 0.00 0.00	24.64 0.27 -0.01	25.44 0.16 -0.80	26.24 0.37 -0.14	29.97 0.50 -0.79	37.64 1.08 -1.64	30.62 0.89 -1.17	33.77 0.90 -1.39	47.18 1.15 -3.16	65.44 2.01 -9.38	51.98 1.01 -9.38	48.92 0.40 -5.39	40.93 0.59 -2.49	44.04 1.16 -3.49	36.72 1.06 -1.86
BLACK RIVER___HYD 24047	56.94 1.58 -25.46	172.83 1.19 -145.08	78.58 1.09 -50.35	29.03 1.05 -1.06	35.71 1.30 0.00	27.65 1.13 -0.10	36.60 1.76 -1.92	39.34 1.75 -2.54	28.36 1.08 -0.47	22.76 0.41 0.00	24.58 0.20 -0.02	25.88 0.14 -1.25	26.16 0.22 -0.21	30.28 0.36 -1.24	38.10 0.61 -2.57	31.02 0.63 -1.84	34.45 0.73 -2.24	49.40 1.40 -5.12	71.83 2.59 -15.18	63.82 2.49 -19.74	54.55 2.52 -8.90	43.80 1.92 -4.03	46.59 1.54 -5.65	38.11 1.31 -3.02
BLACKRVR_115KV_TB2 79977	56.94 1.58 -25.46	172.83 1.19 -145.08	78.58 1.09 -50.35	29.03 1.04 -1.06	35.71 1.30 0.00	27.65 1.13 -0.10	36.61 1.76 -1.92	39.34 1.76 -2.54	28.36 1.08 -0.47	22.76 0.41 0.00	24.58 0.20 -0.02	25.88 0.14 -1.25	26.16 0.22 -0.21	30.28 0.36 -1.24	38.10 0.61 -2.57	31.02 0.63 -1.84	34.45 0.73 -2.24	49.40 1.41 -5.12	71.83 2.59 -15.18	63.82 2.49 -19.74	54.55 2.52 -8.90	43.80 1.92 -4.03	46.59 1.54 -5.65	38.11 1.31 -3.02
BLDWN_LI_69_KV_BK4 356085	31.29 1.17 -0.22	47.41 0.87 -19.98	28.02 0.87 0.00	27.73 0.80 0.00	36.64 1.04 -1.18	27.66 0.97 -0.27	34.28 1.18 -0.17	39.18 1.59 -2.55	28.10 1.29 0.00	23.67 1.33 0.00	26.01 1.64 0.00	26.21 1.72 0.00	27.46 1.72 0.00	30.52 1.84 0.00	36.82 1.90 0.00	27.82 1.10 1.84	30.84 1.11 1.75	44.34 1.47 0.00	55.74 1.69 0.00	43.06 1.47 0.00	44.30 1.16 0.00	39.04 1.20 0.00	41.12 1.72 0.00	35.36 1.57 0.00
BLISS_WT_PWR 323608	30.28 0.38 0.00	27.15 0.60 0.00	27.39 0.24 0.00	27.11 0.18 0.00	34.85 0.45 0.00	27.01 0.53 -0.06	33.78 -0.34 -1.19	36.46 -0.20 -1.62	26.88 -0.23 -0.30	22.37 0.02 0.00	24.67 0.29 -0.01	25.47 0.18 -0.80	26.27 0.40 -0.14	30.00 0.53 -0.79	37.68 1.12 -1.64	30.64 0.92 -1.17	33.81 0.94 -1.39	47.22 1.19 -3.16	65.50 2.07 -9.38	52.01 1.04 -9.38	48.96 0.43 -5.39	40.96 0.62 -2.49	44.07 1.18 -3.49	36.75 1.09 -1.86
BLUESTONE___WT_PWR 323821	30.92 1.03 0.00	27.15 0.59 0.00	28.02 0.87 0.00	28.03 1.11 0.00	35.91 1.51 0.00	27.73 1.24 -0.07	35.71 1.54 -1.23	38.18 1.46 -1.68	27.89 0.77 -0.31	23.09 0.74 0.00	25.21 0.84 -0.01	26.06 0.75 -0.82	26.71 0.83 -0.14	30.55 1.05 -0.82	38.11 1.50 -1.70	31.04 1.27 -1.21	34.42 1.50 -1.44	48.50 2.34 -3.28	67.21 3.42 -9.73	53.95 2.63 -9.73	51.17 2.44 -5.59	42.53 2.10 -2.58	45.08 2.06 -3.62	37.17 1.45 -1.93
BLUE_CIRC_CHEM_DRP 24182	29.67 -0.15 0.08	19.72 0.04 6.88	27.60 0.46 0.00	27.37 0.45 0.00	34.57 0.57 0.41	26.79 0.46 0.09	33.49 0.62 0.06	34.78 0.61 0.87	27.20 0.39 0.00	22.63 0.28 0.00	24.59 0.23 0.00	24.82 0.34 0.00	25.93 0.20 0.00	28.85 0.17 0.00	35.06 0.14 0.00	28.73 0.17 0.00	31.58 0.11 0.00	43.11 0.23 0.00	54.49 0.44 0.00	42.00 0.40 0.00	43.57 0.44 0.00	38.28 0.44 0.00	39.83 0.42 0.00	34.19 0.40 0.00
BOC_GAS_DRP 24189	30.02 0.22 0.09	18.29 0.18 8.44	27.44 0.29 0.00	27.20 0.28 0.00	34.24 0.33 0.50	26.58 0.27 0.11	33.24 0.38 0.07	34.37 0.40 1.07	27.19 0.38 0.00	22.69 0.34 0.00	24.69 0.33 0.00	24.85 0.36 0.00	26.04 0.30 0.00	28.96 0.28 0.00	35.19 0.28 0.00	28.77 0.21 0.00	31.64 0.16 0.00	42.99 0.12 0.00	54.18 0.13 0.00	41.76 0.17 0.00	43.33 0.19 0.00	38.06 0.22 0.00	39.60 0.20 0.00	34.02 0.23 0.00
BOONVILLE_115KV_TB1 79983	45.12 1.01 -14.22	108.32 0.78 -80.99	56.02 0.76 -28.11	28.24 0.73 -0.59	35.38 0.97 0.00	27.24 0.78 -0.04	34.79 1.18 -0.68	37.05 1.11 -0.90	27.71 0.73 -0.17	22.75 0.40 0.00	24.75 0.38 -0.01	25.30 0.37 -0.44	26.20 0.39 -0.08	29.64 0.52 -0.44	36.56 0.74 -0.91	29.84 0.63 -0.65	33.10 0.83 -0.79	46.08 1.40 -1.81	61.36 1.95 -5.35	51.16 1.67 -7.89	48.00 1.69 -3.17	40.63 1.36 -1.42	42.58 1.18 -1.99	35.84 0.99 -1.06
BORALEX_4TH_BRANCH 23824	30.51 1.09 0.48	-15.69 0.87 43.11	28.02 0.87 0.00	27.83 0.90 0.00	33.07 1.22 2.56	26.84 1.00 0.58	34.09 1.53 0.37	30.96 1.41 5.50	27.96 1.15 0.00	23.31 0.97 0.00	25.26 0.89 0.00	25.39 0.91 0.00	26.60 0.87 0.00	29.53 0.85 0.00	35.77 0.85 0.00	29.20 0.64 0.00	32.21 0.74 0.00	43.86 0.98 0.00	55.19 1.14 0.00	42.55 0.95 0.00	44.37 1.24 0.00	38.92 1.08 0.00	40.48 1.08 0.00	34.75 0.96 0.00
BOWLINE___1 23526	30.94 0.84 -0.20	45.47 0.60 -18.31	27.74 0.59 0.00	27.46 0.53 0.00	36.27 0.77 -1.09	27.40 0.74 -0.24	34.19 1.11 -0.16	38.66 1.28 -2.34	27.93 1.12 0.00	23.37 1.03 0.00	25.50 1.13 0.00	25.64 1.15 0.00	26.93 1.19 0.00	30.01 1.34 0.00	36.50 1.58 0.00	29.80 1.24 0.00	32.72 1.24 0.00	44.43 1.55 0.00	55.84 1.78 0.00	43.05 1.46 0.00	44.41 1.27 0.00	39.01 1.17 0.00	40.62 1.22 0.00	34.92 1.13 0.00
BOWLINE___2 23595	30.93 0.84 -0.20	45.46 0.59 -18.31	27.73 0.58 0.00	27.45 0.53 0.00	36.26 0.76 -1.09	27.39 0.73 -0.24	34.18 1.10 -0.16	38.65 1.27 -2.33	27.92 1.11 0.00	23.37 1.02 0.00	25.49 1.12 0.00	25.63 1.14 0.00	26.92 1.18 0.00	29.99 1.32 0.00	36.48 1.57 0.00	29.79 1.23 0.00	32.71 1.23 0.00	44.41 1.53 0.00	55.82 1.77 0.00	43.05 1.45 0.00	44.39 1.26 0.00	39.00 1.15 0.00	40.59 1.19 0.00	34.91 1.11 0.00
BRADY___115KV_TB2 356060	158.19 0.59 -127.71	754.95 0.71 -727.68	280.30 0.62 -252.52	32.88 0.63 -5.33	35.20 0.80 0.00	27.02 0.60 0.00	33.82 0.88 0.00	35.95 0.91 0.00	27.29 0.48 0.00	22.51 0.16 0.00	24.61 0.24 0.00	24.75 0.26 0.00	26.01 0.27 0.00	29.00 0.32 0.00	35.28 0.37 0.00	28.85 0.29 0.00	31.99 0.52 0.00	43.82 0.94 0.00	55.05 1.00 0.00	65.55 1.11 -22.85	45.42 1.43 -0.86	38.87 1.03 0.00	40.48 1.08 0.00	34.65 0.86 0.00
BRANSCOMB___SOLAR 323811	30.88 1.23 0.24	5.61 1.01 21.96	28.17 1.01 0.00	27.94 1.01 0.00	34.46 1.36 1.30	27.22 1.10 0.30	34.33 1.58 0.19	33.86 1.62 2.81	27.94 1.13 0.00	23.18 0.83 0.00	25.16 0.80 0.00	25.32 0.83 0.00	26.56 0.82 0.00	29.55 0.88 0.00	35.90 0.98 0.00	29.25 0.69 0.00	32.33 0.85 0.00	44.25 1.37 0.00	56.03 1.98 0.00	43.27 1.67 0.00	44.95 1.81 0.00	39.36 1.52 0.00	40.91 1.51 0.00	35.13 1.34 0.00
BRDGHMPT_69_KV_BK1 55812	30.86 0.74 -0.22	47.06 0.52 -19.98	27.76 0.61 0.00	27.52 0.59 0.00	36.32 0.72 -1.18	27.39 0.71 -0.27	33.47 0.37 -0.17	38.98 1.40 -2.55	27.55 0.74 0.00	23.34 0.99 0.00	25.89 1.53 0.00	26.29 1.81 0.00	27.39 1.65 0.00	30.25 1.57 0.00	36.11 1.19 3.84	25.08 0.36 3.50	28.47 0.50 0.00	43.36 0.49 0.00	54.62 0.57 0.00	42.28 0.68 0.00	43.56 0.42 0.00	38.59 0.74 0.00	41.09 1.69 0.00	35.49 1.70 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	31.33 1.21 -0.22	47.43 0.89 -19.98	28.05 0.91 0.00	27.76 0.83 0.00	36.64 1.05 -1.18	27.64 0.96 -0.27	34.21 1.11 -0.17	39.32 1.73 -2.55	28.09 1.28 0.00	23.70 1.36 0.00	26.12 1.75 0.00	26.37 1.88 0.00	27.61 1.88 0.00	30.66 1.98 0.00	36.90 1.98 0.00	25.79 0.99 3.76	29.05 1.01 3.44	44.21 1.33 0.00	55.63 1.58 0.00	43.01 1.41 0.00	44.20 1.07 0.00	39.00 1.15 0.00	41.25 1.85 0.00	35.54 1.75 0.00
BRISTLHL_115KV_TB1 79998	32.87 -0.28 -3.25	44.83 -0.26 -18.54	33.26 -0.32 -6.43	26.75 -0.31 -0.14	34.02 -0.39 0.00	26.35 -0.28 -0.21	36.52 -0.44 -4.03	39.97 -0.46 -5.39	27.41 -0.40 -1.00	21.99 -0.36 0.00	23.97 -0.43 -0.03	26.68 -0.46 -2.65	25.73 -0.46 -0.45	30.82 -0.48 -2.62	39.88 -0.49 -5.45	32.07 -0.38 -3.89	35.81 -0.39 -4.72	53.21 -0.44 -10.77	85.63 -0.35 -31.92	73.81 -0.28 -32.50	61.09 -0.42 -18.38	45.94 -0.39 -8.48	50.88 -0.40 -11.87	39.76 -0.37 -6.34
BROOKHAVEN___DRP 24191	30.84 0.72 -0.22	46.98 0.44 -19.98	27.63 0.48 0.00	27.36 0.43 0.00	36.05 0.46 -1.18	27.21 0.52 -0.27	33.60 0.50 -0.17	39.03 1.44 -2.55	27.60 0.80 0.00	23.30 0.95 0.00	25.71 1.35 0.00	25.98 1.50 0.00	27.19 1.46 0.00	30.13 1.45 0.00	36.20 1.28 0.00	25.16 0.44 3.84	28.40 0.43 3.51	43.36 0.49 0.00	54.58 0.53 0.00	42.23 0.64 0.00	43.43 0.30 0.00	38.37 0.52 0.00	40.65 1.25 0.00	35.03 1.23 0.00
BROOKLYN_NAVY_YARD 23515	31.12 1.00 -0.22	47.26 0.73 -19.97	27.87 0.72 0.00	27.59 0.66 0.00	36.51 0.92 -1.18	27.64 0.95 -0.27	34.49 1.39 -0.17	39.22 1.63 -2.55	28.31 1.51 0.00	23.72 1.37 0.00	25.86 1.49 0.00	25.96 1.48 0.00	27.23 1.50 0.00	30.32 1.64 0.00	36.81 1.89 0.00	30.07 1.51 0.00	32.98 1.51 0.00	44.72 1.84 0.00	56.15 2.10 0.00	43.28 1.68 0.00	44.66 1.53 0.00	39.28 1.43 0.00	40.87 1.47 0.00	35.16 1.37 0.00
BROOKLYN___ARMY_DRP 323595	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
BROOME_2_LFGE 323671	30.18 0.28 0.00	26.83 0.28 0.00	27.29 0.14 0.00	27.11 0.18 0.00	34.64 0.23 0.00	26.73 0.23 -0.08	34.48 0.13 -1.43	37.15 0.17 -1.94	27.21 0.04 -0.36	22.46 0.11 0.00	24.51 0.13 -0.01	25.50 0.06 -0.95	26.00 0.11 -0.16	29.79 0.17 -0.94	37.24 0.36 -1.96	30.28 0.32 -1.40	33.51 0.37 -1.67	47.18 0.51 -3.80	66.16 0.84 -11.27	53.45 0.59 -11.27	49.98 0.37 -6.48	41.23 0.39 -2.99	44.04 0.45 -4.19	36.33 0.31 -2.24
BROOME___LFGE 323600	30.18 0.28 0.00	26.83 0.28 0.00	27.29 0.14 0.00	27.11 0.18 0.00	34.64 0.23 0.00	26.73 0.23 -0.08	34.48 0.13 -1.43	37.15 0.17 -1.94	27.21 0.04 -0.36	22.46 0.11 0.00	24.51 0.13 -0.01	25.50 0.06 -0.95	26.00 0.11 -0.16	29.79 0.17 -0.94	37.24 0.36 -1.96	30.28 0.32 -1.40	33.51 0.37 -1.67	47.18 0.51 -3.80	66.16 0.84 -11.27	53.45 0.59 -11.27	49.98 0.37 -6.48	41.23 0.39 -2.99	44.04 0.45 -4.19	36.33 0.31 -2.24
BROWNFLS_115KV_TB 3_5 80003	97.23 0.87 -66.47	406.04 0.74 -378.74	159.25 0.66 -131.43	30.34 0.65 -2.77	35.22 0.81 0.00	27.14 0.67 -0.04	34.85 1.09 -0.83	37.17 1.03 -1.10	27.62 0.60 -0.20	22.57 0.22 0.00	24.56 0.19 -0.01	25.20 0.17 -0.54	26.04 0.21 -0.09	29.54 0.33 -0.54	36.48 0.45 -1.11	29.72 0.37 -0.79	33.02 0.57 -0.97	46.11 1.02 -2.22	61.89 1.27 -6.57	61.39 1.34 -18.46	48.87 1.51 -4.23	40.67 1.08 -1.75	42.83 0.99 -2.45	35.91 0.82 -1.31
BROWNSV1_27_KV_LOAD 356125	31.47 1.35 -0.22	47.57 1.04 -19.97	28.19 1.04 0.00	27.89 0.96 0.00	36.91 1.32 -1.18	27.91 1.23 -0.27	34.84 1.74 -0.17	39.61 2.02 -2.55	28.60 1.80 0.00	23.95 1.61 0.00	26.13 1.77 0.00	26.26 1.78 0.00	27.56 1.83 0.00	30.68 2.00 0.00	37.26 2.34 0.00	30.43 1.87 0.00	33.39 1.92 0.00	45.27 2.40 0.00	56.86 2.81 0.00	43.83 2.23 0.00	45.23 2.09 0.00	39.76 1.91 0.00	41.36 1.96 0.00	35.57 1.78 0.00
BURROWS___LYONSDAL 23803	49.62 1.06 -18.67	133.72 0.79 -106.37	64.83 0.76 -36.91	28.44 0.73 -0.78	35.37 0.97 0.00	27.25 0.79 -0.04	34.93 1.22 -0.78	37.20 1.12 -1.03	27.74 0.74 -0.19	22.72 0.37 0.00	24.70 0.33 -0.01	25.31 0.31 -0.51	26.17 0.34 -0.09	29.66 0.48 -0.50	36.65 0.68 -1.05	29.89 0.59 -0.75	33.17 0.79 -0.91	46.31 1.36 -2.07	62.14 1.93 -6.15	52.80 1.71 -9.49	48.54 1.75 -3.66	40.85 1.37 -1.63	42.87 1.18 -2.29	36.01 0.99 -1.22
CAITHNESS_CC_1 323624	30.84 0.72 -0.22	46.98 0.44 -19.98	27.64 0.49 0.00	27.36 0.44 0.00	36.06 0.47 -1.18	27.21 0.53 -0.27	33.61 0.51 -0.17	38.97 1.38 -2.55	27.61 0.80 0.00	23.30 0.96 0.00	25.71 1.35 0.00	25.98 1.49 0.00	27.19 1.46 0.00	30.13 1.45 0.00	36.22 1.30 0.00	25.18 0.46 3.84	28.39 0.43 3.51	43.36 0.49 0.00	54.56 0.51 0.00	42.23 0.63 0.00	43.43 0.29 0.00	38.36 0.51 0.00	40.64 1.23 0.00	35.02 1.23 0.00
CALPINE BETH_PAGE_GT4 24209	31.12 1.00 -0.22	47.27 0.73 -19.98	27.88 0.73 0.00	27.59 0.66 0.00	36.46 0.87 -1.18	27.49 0.80 -0.27	33.95 0.85 -0.17	38.84 1.25 -2.55	27.84 1.04 0.00	23.45 1.11 0.00	25.78 1.42 0.00	25.99 1.50 0.00	27.23 1.50 0.00	30.26 1.59 0.00	36.48 1.56 0.00	26.56 0.79 2.79	29.69 0.78 2.57	43.88 1.01 0.00	55.14 1.09 0.00	42.60 1.01 0.00	43.82 0.68 0.00	38.64 0.79 0.00	40.84 1.44 0.00	35.19 1.40 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.11 0.99 -0.22	47.26 0.73 -19.98	27.88 0.73 0.00	27.59 0.67 0.00	36.46 0.87 -1.18	27.49 0.80 -0.27	33.96 0.85 -0.17	38.85 1.26 -2.55	27.84 1.03 0.00	23.45 1.11 0.00	25.78 1.42 0.00	25.98 1.50 0.00	27.23 1.50 0.00	30.26 1.59 0.00	36.48 1.56 0.00	26.56 0.79 2.79	29.69 0.78 2.57	43.88 1.01 0.00	55.14 1.09 0.00	42.60 1.00 0.00	43.82 0.68 0.00	38.63 0.78 0.00	40.84 1.44 0.00	35.19 1.40 0.00
CALPINE_BP_GT1 23823	31.11 0.99 -0.22	47.26 0.73 -19.98	27.88 0.73 0.00	27.59 0.67 0.00	36.46 0.87 -1.18	27.49 0.80 -0.27	33.96 0.85 -0.17	38.85 1.26 -2.55	27.84 1.03 0.00	23.45 1.11 0.00	25.78 1.42 0.00	25.98 1.50 0.00	27.23 1.50 0.00	30.26 1.59 0.00	36.48 1.56 0.00	26.56 0.79 2.79	29.69 0.78 2.57	43.88 1.01 0.00	55.14 1.09 0.00	42.60 1.00 0.00	43.82 0.68 0.00	38.63 0.78 0.00	40.84 1.44 0.00	35.19 1.40 0.00
CALSPAN___DRP 24200	30.19 0.29 0.00	27.14 0.59 0.00	27.38 0.23 0.00	27.16 0.24 0.00	34.81 0.40 0.00	26.91 0.43 -0.06	33.40 -0.70 -1.17	35.76 -0.88 -1.60	26.34 -0.76 -0.30	21.94 -0.41 0.00	24.21 -0.16 -0.01	25.01 -0.27 -0.79	25.84 -0.03 -0.13	29.53 0.07 -0.78	37.05 0.51 -1.61	30.26 0.55 -1.15	33.40 0.55 -1.37	46.72 0.73 -3.11	64.78 1.49 -9.24	51.37 0.54 -9.24	48.40 -0.04 -5.31	40.47 0.17 -2.45	43.55 0.71 -3.43	36.42 0.80 -1.84

CALVERTON___SOLAR 323806	30.84 0.72 -0.22	46.98 0.44 -19.98	27.64 0.49 0.00	27.37 0.44 0.00	36.07 0.48 -1.18	27.22 0.53 -0.27	33.59 0.49 -0.17	39.07 1.48 -2.55	27.60 0.79 0.00	23.30 0.95 0.00	25.72 1.36 0.00	26.01 1.52 0.00	27.20 1.47 0.00	30.14 1.46 0.00	36.20 1.28 0.00	25.15 0.43 3.84	28.41 0.43 3.50	43.38 0.50 0.00	54.61 0.55 0.00	42.26 0.66 0.00	43.46 0.33 0.00	38.40 0.55 0.00	40.69 1.29 0.00	35.07 1.28 0.00
CANDIGU_WT_PWR 323617	30.16 0.26 0.00	26.94 0.38 0.00	27.17 0.02 0.00	27.02 0.10 0.00	34.62 0.21 0.00	26.81 0.32 -0.07	34.17 -0.16 -1.39	36.74 -0.20 -1.90	26.86 -0.30 -0.35	22.09 -0.26 0.00	24.12 -0.26 -0.01	25.05 -0.37 -0.93	25.64 -0.25 -0.16	29.38 -0.22 -0.93	36.87 0.03 -1.92	30.11 0.18 -1.37	33.37 0.27 -1.63	46.97 0.40 -3.70	66.32 1.29 -10.97	53.39 0.82 -10.97	49.79 0.34 -6.31	41.19 0.42 -2.92	44.16 0.67 -4.08	36.53 0.56 -2.18
CARR STREET_E_SYR 24060	32.61 -0.10 -2.81	42.48 -0.09 -16.02	32.56 -0.15 -5.56	26.89 -0.15 -0.12	34.22 -0.18 0.00	26.39 -0.13 -0.11	34.61 -0.33 -2.00	37.38 -0.34 -2.68	26.98 -0.32 -0.50	22.08 -0.27 0.00	24.10 -0.29 -0.02	25.49 -0.31 -1.32	25.67 -0.29 -0.22	29.73 -0.25 -1.31	37.46 -0.18 -2.71	30.38 -0.12 -1.94	33.72 -0.11 -2.35	48.14 -0.09 -5.36	70.01 0.08 -15.88	57.97 0.00 -16.38	52.10 -0.19 -9.15	41.88 -0.19 -4.22	45.10 -0.20 -5.91	36.73 -0.21 -3.15
CARTHAGE___PAPER 23857	61.31 1.52 -29.89	198.05 1.17 -170.32	87.33 1.08 -59.11	29.20 1.03 -1.25	35.71 1.31 0.00	27.62 1.12 -0.09	36.30 1.73 -1.63	38.91 1.70 -2.17	28.26 1.05 -0.40	22.78 0.43 0.00	24.64 0.26 -0.01	25.75 0.19 -1.07	26.16 0.24 -0.18	30.13 0.40 -1.06	37.73 0.61 -2.19	30.72 0.59 -1.57	34.10 0.71 -1.91	48.41 1.16 -4.37	68.61 1.61 -12.95	61.60 1.70 -18.30	52.55 1.77 -7.65	42.56 1.27 -3.44	45.13 0.91 -4.82	37.19 0.83 -2.57
CASSADAGA_WT_PWR 323784	30.14 0.25 0.00	27.03 0.47 0.00	27.27 0.12 0.00	27.16 0.23 0.00	34.80 0.39 0.00	27.10 0.62 -0.06	34.01 -0.11 -1.19	36.76 0.10 -1.62	27.06 -0.05 -0.30	22.62 0.27 0.00	24.90 0.53 -0.01	25.67 0.39 -0.80	26.51 0.64 -0.14	30.28 0.81 -0.79	37.97 1.42 -1.64	30.81 1.09 -1.17	34.08 1.22 -1.39	47.66 1.63 -3.15	66.06 2.65 -9.35	52.61 1.66 -9.35	49.59 1.08 -5.38	41.47 1.14 -2.49	44.47 1.59 -3.48	37.01 1.36 -1.86
CE_DUNWOOD___DRP 24194	31.15 1.03 -0.22	47.26 0.76 -19.94	27.92 0.77 0.00	27.63 0.71 0.00	36.56 0.97 -1.18	27.59 0.90 -0.27	34.39 1.29 -0.17	39.09 1.51 -2.54	28.16 1.36 0.00	23.59 1.24 0.00	25.74 1.38 0.00	25.88 1.39 0.00	27.16 1.42 0.00	30.24 1.56 0.00	36.71 1.79 0.00	29.96 1.40 0.00	32.89 1.42 0.00	44.65 1.78 0.00	56.11 2.05 0.00	43.26 1.66 0.00	44.64 1.50 0.00	39.23 1.39 0.00	40.86 1.46 0.00	35.15 1.36 0.00
CE_MILLWOOD___DRP 24193	31.09 0.97 -0.22	47.18 0.72 -19.90	27.87 0.72 0.00	27.59 0.66 0.00	36.50 0.91 -1.18	27.53 0.85 -0.27	34.33 1.22 -0.17	39.00 1.43 -2.54	28.09 1.28 0.00	23.52 1.17 0.00	25.66 1.30 0.00	25.80 1.31 0.00	27.08 1.34 0.00	30.15 1.47 0.00	36.62 1.70 0.00	29.88 1.32 0.00	32.82 1.34 0.00	44.56 1.68 0.00	56.00 1.94 0.00	43.18 1.58 0.00	44.56 1.43 0.00	39.16 1.31 0.00	40.78 1.37 0.00	35.07 1.28 0.00
CE_NYC2_DRP 24202	31.25 1.13 -0.22	47.37 0.84 -19.97	28.02 0.87 0.00	27.71 0.78 0.00	36.66 1.07 -1.19	27.73 1.04 -0.27	34.60 1.50 -0.17	39.35 1.76 -2.55	28.43 1.63 0.00	23.83 1.48 0.00	25.95 1.59 0.00	26.10 1.61 0.00	27.38 1.64 0.00	30.48 1.80 0.00	37.00 2.08 0.00	30.22 1.66 0.00	33.16 1.68 0.00	44.92 2.05 0.00	56.37 2.32 0.00	43.44 1.85 0.00	44.85 1.72 0.00	39.44 1.60 0.00	41.05 1.64 0.00	35.31 1.52 0.00
CE_NYC_DRP 24195	31.24 1.13 -0.22	47.37 0.84 -19.97	28.00 0.84 0.00	27.71 0.78 0.00	36.68 1.09 -1.18	27.73 1.04 -0.27	34.60 1.50 -0.17	39.33 1.74 -2.55	28.38 1.58 0.00	23.77 1.43 0.00	25.92 1.56 0.00	26.05 1.57 0.00	27.34 1.60 0.00	30.43 1.76 0.00	36.95 2.03 0.00	30.18 1.62 0.00	33.12 1.64 0.00	44.90 2.02 0.00	56.37 2.32 0.00	43.46 1.86 0.00	44.85 1.72 0.00	39.42 1.58 0.00	41.02 1.62 0.00	35.30 1.50 0.00
CHAFFEE___LFGE 323603	30.26 0.36 0.00	27.18 0.63 0.00	27.42 0.28 0.00	27.21 0.28 0.00	34.87 0.46 0.00	26.96 0.48 -0.06	33.52 -0.60 -1.18	35.90 -0.75 -1.61	26.44 -0.66 -0.30	22.02 -0.33 0.00	24.29 -0.08 -0.01	25.08 -0.20 -0.79	25.92 0.04 -0.14	29.62 0.16 -0.78	37.16 0.61 -1.63	30.35 0.63 -1.16	33.51 0.66 -1.38	46.90 0.89 -3.14	65.05 1.69 -9.31	51.60 0.70 -9.31	48.61 0.13 -5.35	40.64 0.32 -2.47	43.70 0.84 -3.46	36.50 0.86 -1.85
CHATEAUG_35_KV_LOAD 355732	44.95 0.55 -14.51	109.97 0.74 -82.68	56.57 0.73 -28.69	28.24 0.71 -0.61	35.22 0.82 0.00	27.11 0.69 0.00	33.88 0.95 0.00	36.03 0.98 0.00	27.49 0.68 0.00	22.86 0.51 0.00	24.95 0.58 0.00	25.03 0.54 0.00	26.33 0.60 0.00	29.25 0.57 0.00	35.56 0.64 0.00	28.99 0.43 0.00	32.03 0.55 0.00	43.46 0.59 0.00	54.70 0.65 0.00	44.82 0.62 -2.60	44.21 0.98 -0.10	38.75 0.91 0.00	40.58 1.18 0.00	34.98 1.18 0.00
CHATEAUG_WT_PWR 323614	36.07 0.54 -5.64	59.39 0.71 -32.13	38.99 0.70 -11.15	27.84 0.68 -0.23	35.20 0.80 0.00	27.09 0.67 0.00	33.83 0.90 0.00	35.95 0.91 0.00	27.47 0.67 0.00	22.89 0.54 0.00	25.00 0.63 0.00	25.08 0.59 0.00	26.37 0.64 0.00	29.30 0.62 0.00	35.62 0.70 0.00	29.02 0.46 0.00	32.07 0.59 0.00	43.47 0.59 0.00	54.60 0.55 0.00	43.13 0.52 -1.01	44.00 0.83 -0.04	38.65 0.81 0.00	40.54 1.13 0.00	34.90 1.11 0.00
CHAT_HIGH_FALL_HYD 323578	44.95 0.55 -14.51	109.97 0.74 -82.68	56.57 0.73 -28.69	28.24 0.71 -0.61	35.22 0.82 0.00	27.11 0.69 0.00	33.88 0.95 0.00	36.03 0.98 0.00	27.49 0.68 0.00	22.86 0.51 0.00	24.95 0.58 0.00	25.03 0.54 0.00	26.33 0.60 0.00	29.25 0.57 0.00	35.56 0.64 0.00	28.99 0.43 0.00	32.03 0.55 0.00	43.46 0.59 0.00	54.70 0.65 0.00	44.82 0.62 -2.60	44.21 0.98 -0.10	38.75 0.91 0.00	40.58 1.18 0.00	34.98 1.18 0.00
CHAUTAUQUA___LFGE 323629	30.18 0.28 0.00	27.09 0.54 0.00	27.24 0.09 0.00	27.12 0.19 0.00	34.74 0.33 0.00	26.98 0.50 -0.06	33.76 -0.35 -1.18	36.29 -0.36 -1.61	26.66 -0.44 -0.30	22.25 -0.10 0.00	24.50 0.13 -0.01	25.26 -0.02 -0.79	26.08 0.21 -0.14	29.83 0.36 -0.78	37.40 0.85 -1.63	30.45 0.73 -1.16	33.68 0.83 -1.38	47.18 1.16 -3.14	65.35 1.99 -9.31	52.03 1.12 -9.31	49.01 0.52 -5.35	40.96 0.64 -2.47	43.95 1.08 -3.46	36.61 0.97 -1.85
CHERRYST_13_KV_LD 356241	31.32 1.20 -0.22	47.44 0.91 -19.97	28.06 0.91 0.00	27.77 0.85 0.00	36.77 1.18 -1.18	27.80 1.11 -0.27	34.71 1.60 -0.17	39.44 1.85 -2.55	28.49 1.68 0.00	23.86 1.52 0.00	26.02 1.66 0.00	26.15 1.67 0.00	27.45 1.71 0.00	30.55 1.88 0.00	37.10 2.18 0.00	30.30 1.74 0.00	33.25 1.77 0.00	45.07 2.19 0.00	56.58 2.53 0.00	43.61 2.01 0.00	44.99 1.85 0.00	39.55 1.70 0.00	41.14 1.74 0.00	35.39 1.60 0.00

CHESTROR_138KV_BK263 355645	30.81 0.73 -0.18	43.85 0.53 -16.76	27.68 0.53 0.00	27.40 0.47 0.00	36.07 0.67 -0.99	27.28 0.64 -0.22	34.01 0.94 -0.14	38.25 1.08 -2.14	27.75 0.95 0.00	23.20 0.85 0.00	25.29 0.93 0.00	25.43 0.95 0.00	26.71 0.97 0.00	29.76 1.08 0.00	36.20 1.28 0.00	29.59 1.03 0.00	32.53 1.05 0.00	44.19 1.31 0.00	55.57 1.52 0.00	42.86 1.26 0.00	44.24 1.10 0.00	38.86 1.02 0.00	40.44 1.04 0.00	34.70 0.91 0.00
CH_MIDHUDSON___DRP 24192	31.04 1.00 -0.14	46.20 0.76 -18.88	27.91 0.76 0.00	27.64 0.72 0.00	36.48 0.96 -1.12	27.52 0.85 -0.25	34.30 1.21 -0.16	38.83 1.38 -2.41	28.03 1.23 0.00	23.47 1.12 0.00	25.59 1.22 0.00	25.70 1.22 0.00	26.98 1.25 0.00	30.03 1.35 0.00	36.48 1.56 0.00	29.82 1.26 0.00	32.79 1.32 0.00	44.56 1.69 0.00	56.03 1.98 0.00	43.22 1.63 0.00	44.64 1.50 0.00	39.20 1.35 0.00	40.78 1.38 0.00	35.04 1.25 0.00
CH_MISC_IPPS 23765	31.22 1.15 -0.17	45.83 0.89 -18.38	28.04 0.89 0.00	27.75 0.83 0.00	36.62 1.12 -1.09	27.65 0.98 -0.25	34.46 1.37 -0.16	38.94 1.56 -2.34	28.16 1.35 0.00	23.55 1.20 0.00	25.67 1.31 0.00	25.77 1.29 0.00	27.07 1.33 0.00	30.17 1.49 0.00	36.69 1.77 0.00	30.01 1.46 0.00	33.00 1.52 0.00	44.79 1.92 0.00	56.32 2.27 0.00	43.47 1.88 0.00	44.90 1.77 0.00	39.42 1.58 0.00	41.00 1.60 0.00	35.22 1.43 0.00
CH_RES_BVR_FALLS 23983	26.36 -0.15 3.38	7.12 -0.17 19.27	20.28 -0.18 6.69	26.58 -0.21 0.14	34.11 -0.29 0.00	26.17 -0.25 0.00	32.70 -0.23 0.00	34.77 -0.27 0.00	26.67 -0.13 0.00	22.28 -0.07 0.00	24.35 -0.02 0.00	24.47 -0.01 0.00	25.74 0.01 0.00	28.68 0.00 0.00	34.90 -0.02 0.00	28.53 -0.03 0.00	31.48 0.00 0.00	42.90 0.03 0.00	53.96 -0.09 0.00	40.90 -0.09 0.60	43.13 0.02 0.02	37.81 -0.04 0.00	39.33 -0.07 0.00	33.71 -0.08 0.00
CH_RES_NIAGARA 23895	29.70 -0.20 0.00	26.75 0.19 0.00	27.02 -0.12 0.00	26.79 -0.14 0.00	34.35 -0.06 0.00	26.48 0.00 -0.06	32.62 -1.45 -1.14	34.69 -1.90 -1.55	25.54 -1.56 -0.29	21.30 -1.05 0.00	23.54 -0.83 -0.01	24.28 -0.97 -0.76	25.13 -0.73 -0.13	28.68 -0.76 -0.75	35.97 -0.51 -1.57	29.40 -0.27 -1.12	32.41 -0.40 -1.33	45.15 -0.74 -3.02	62.41 -0.60 -8.96	49.37 -1.19 -8.96	46.50 -1.79 -5.15	39.02 -1.20 -2.38	42.29 -0.44 -3.33	35.54 -0.03 -1.78
CH_RES_SYRACUSE 23985	32.40 0.11 -2.39	40.27 0.08 -13.63	31.91 0.03 -4.73	27.06 0.03 -0.10	34.46 0.05 0.00	26.63 0.06 -0.15	35.72 -0.02 -2.81	39.17 0.05 -4.07	27.52 -0.05 -0.75	22.28 -0.07 0.00	24.31 -0.08 -0.02	26.38 -0.11 -2.01	25.99 -0.08 -0.34	30.64 -0.02 -1.98	39.15 0.11 -4.12	31.63 0.13 -2.95	34.90 0.15 -3.28	50.55 0.24 -7.43	76.65 0.56 -22.03	64.44 0.38 -22.46	56.04 0.22 -12.69	43.85 0.15 -5.85	47.76 0.16 -8.19	38.25 0.09 -4.38
CLINTON_WT_PWR 323605	36.07 0.54 -5.64	59.39 0.71 -32.13	38.99 0.70 -11.15	27.84 0.68 -0.23	35.20 0.80 0.00	27.09 0.67 0.00	33.83 0.90 0.00	35.95 0.91 0.00	27.47 0.67 0.00	22.89 0.54 0.00	25.00 0.63 0.00	25.08 0.59 0.00	26.37 0.64 0.00	29.30 0.62 0.00	35.62 0.70 0.00	29.02 0.46 0.00	32.07 0.59 0.00	43.47 0.59 0.00	54.60 0.55 0.00	43.13 0.52 -1.01	44.00 0.83 -0.04	38.65 0.81 0.00	40.54 1.13 0.00	34.90 1.11 0.00
CLINTON___LFGE 323618	39.74 1.11 -8.74	77.58 1.25 -49.77	45.66 1.24 -17.27	28.46 1.17 -0.36	35.81 1.41 0.00	27.63 1.21 0.00	34.49 1.56 0.00	36.64 1.60 0.00	27.97 1.16 0.00	23.29 0.94 0.00	25.41 1.05 0.00	25.46 0.97 0.00	26.77 1.04 0.00	29.70 1.02 0.00	36.14 1.22 0.00	29.37 0.81 0.00	32.48 1.00 0.00	43.91 1.03 0.00	55.23 1.18 0.00	44.25 1.09 -1.56	44.63 1.44 -0.06	39.28 1.43 0.00	41.32 1.92 0.00	35.67 1.88 0.00
COBBLENY_34_KV_TB1 80064	30.26 0.37 0.00	27.18 0.63 0.00	27.42 0.27 0.00	27.21 0.28 0.00	34.87 0.46 0.00	26.96 0.48 -0.06	33.53 -0.58 -1.18	35.91 -0.74 -1.61	26.45 -0.66 -0.30	22.02 -0.32 0.00	24.29 -0.09 -0.01	25.08 -0.20 -0.79	25.91 0.04 -0.14	29.62 0.16 -0.78	37.16 0.61 -1.63	30.36 0.63 -1.16	33.51 0.66 -1.38	46.90 0.89 -3.14	65.05 1.69 -9.31	51.60 0.70 -9.31	48.62 0.13 -5.35	40.64 0.32 -2.47	43.69 0.83 -3.46	36.50 0.86 -1.85
COFFEEN___115KV_TB3 355620	56.35 1.78 -24.68	168.53 1.36 -140.61	77.21 1.26 -48.80	29.17 1.22 -1.03	35.92 1.52 0.00	27.84 1.31 -0.10	36.91 2.02 -1.97	39.69 2.05 -2.61	28.56 1.27 -0.48	22.83 0.48 0.00	24.60 0.22 -0.02	25.91 0.15 -1.29	26.18 0.23 -0.22	30.34 0.39 -1.27	38.21 0.65 -2.64	31.15 0.70 -1.89	34.56 0.78 -2.30	49.69 1.56 -5.25	72.67 3.04 -15.58	64.49 2.91 -19.99	55.20 2.95 -9.12	44.25 2.26 -4.14	47.06 1.87 -5.79	38.44 1.56 -3.09
COLDSPRG_115KV_BK1 355956	30.63 0.73 0.00	27.42 0.87 0.00	27.64 0.49 0.00	27.48 0.55 0.00	35.25 0.85 0.00	27.38 0.90 -0.06	34.43 0.30 -1.19	37.24 0.57 -1.63	27.39 0.29 -0.30	22.84 0.50 0.00	25.13 0.76 -0.01	25.93 0.64 -0.80	26.77 0.90 -0.14	30.51 1.04 -0.79	38.33 1.76 -1.65	31.03 1.30 -1.18	34.18 1.30 -1.40	47.72 1.67 -3.18	66.21 2.75 -9.41	52.73 1.72 -9.41	49.64 1.10 -5.42	41.62 1.27 -2.50	44.66 1.76 -3.50	37.15 1.49 -1.87
COLONIE_LFGE___ 323577	30.38 0.76 0.27	2.35 0.61 24.82	27.80 0.65 0.00	27.58 0.66 0.00	33.80 0.86 1.47	26.79 0.70 0.33	33.78 1.06 0.21	32.92 1.04 3.16	27.64 0.83 0.00	23.01 0.66 0.00	24.97 0.61 0.00	25.14 0.65 0.00	26.35 0.62 0.00	29.30 0.62 0.00	35.57 0.65 0.00	29.04 0.49 0.00	32.02 0.54 0.00	43.58 0.71 0.00	54.98 0.93 0.00	42.38 0.79 0.00	44.07 0.94 0.00	38.67 0.83 0.00	40.21 0.81 0.00	34.53 0.74 0.00
COOPERNY_115KV_TB1 80082	30.53 0.51 -0.12	38.35 0.37 -11.42	27.53 0.38 0.00	27.26 0.34 0.00	35.56 0.47 -0.68	27.02 0.45 -0.15	33.66 0.63 -0.10	37.23 0.73 -1.46	27.46 0.65 0.00	22.95 0.60 0.00	25.01 0.65 0.00	25.14 0.66 0.00	26.41 0.67 0.00	29.41 0.73 0.00	35.80 0.88 0.00	29.26 0.70 0.00	32.19 0.72 0.00	43.75 0.87 0.00	55.08 1.02 0.00	42.45 0.85 0.00	43.86 0.73 0.00	38.54 0.69 0.00	40.12 0.71 0.00	34.41 0.62 0.00
COPENHAGEN_WT_PWR 323753	54.55 1.37 -23.29	160.22 0.97 -132.69	74.06 0.86 -46.05	28.71 0.82 -0.97	35.39 0.98 0.00	27.43 0.90 -0.11	36.42 1.44 -2.05	39.19 1.42 -2.73	28.20 0.88 -0.50	22.65 0.30 0.00	24.51 0.12 -0.02	25.91 0.08 -1.34	26.11 0.15 -0.23	30.28 0.27 -1.33	38.16 0.48 -2.76	31.05 0.52 -1.97	34.49 0.61 -2.41	49.56 1.20 -5.49	72.61 2.29 -16.28	64.25 2.21 -20.44	54.90 2.24 -9.52	43.85 1.67 -4.33	46.72 1.26 -6.06	38.13 1.11 -3.23
CORNELL_____ 23752	30.57 0.67 0.00	27.15 0.59 0.00	27.63 0.48 0.00	27.42 0.50 0.00	35.06 0.66 0.00	27.08 0.56 -0.10	35.40 0.61 -1.86	38.29 0.70 -2.55	27.65 0.37 -0.47	22.59 0.24 0.00	24.58 0.20 -0.02	25.80 0.05 -1.25	26.04 0.09 -0.21	30.12 0.20 -1.24	37.95 0.45 -2.57	30.85 0.45 -1.84	34.31 0.66 -2.18	48.88 1.05 -4.95	70.43 1.69 -14.68	57.67 1.39 -14.68	52.77 1.19 -8.44	42.76 1.01 -3.90	45.90 1.04 -5.46	37.47 0.76 -2.92

CORONA__69_KV_TB1 355595	31.35 1.24 -0.22	47.47 0.94 -19.98	28.09 0.94 0.00	27.80 0.88 0.00	36.75 1.16 -1.18	27.72 1.04 -0.27	34.42 1.32 -0.17	39.24 1.65 -2.55	28.15 1.34 0.00	23.70 1.35 0.00	26.01 1.65 0.00	26.19 1.71 0.00	27.46 1.72 0.00	30.53 1.85 0.00	36.85 1.93 0.00	29.51 1.20 0.24	32.33 1.21 0.35	44.51 1.63 0.00	55.96 1.90 0.00	43.19 1.60 0.00	44.46 1.33 0.00	39.18 1.33 0.00	41.17 1.77 0.00	35.40 1.61 0.00
CORTLAND__115KV_TB3 80093	30.20 0.30 0.00	26.82 0.27 0.00	27.33 0.18 0.00	27.11 0.19 0.00	34.65 0.24 0.00	26.75 0.23 -0.10	34.97 0.16 -1.88	37.82 0.22 -2.56	27.35 0.07 -0.47	22.38 0.04 0.00	24.40 0.02 -0.02	25.70 -0.05 -1.26	25.92 -0.03 -0.21	29.96 0.04 -1.25	37.72 0.21 -2.59	30.63 0.23 -1.85	33.98 0.31 -2.20	48.39 0.50 -5.01	69.76 0.85 -14.86	57.11 0.66 -14.86	52.15 0.47 -8.54	42.22 0.43 -3.95	45.38 0.45 -5.52	37.04 0.30 -2.95
COXSACKIE__GT 23611	31.10 1.21 0.00	27.64 1.09 0.00	28.43 1.28 0.00	28.18 1.25 0.00	36.10 1.70 0.00	27.74 1.32 0.00	34.78 1.85 0.00	37.19 2.15 0.00	28.20 1.39 0.00	23.13 0.79 0.00	25.03 0.67 0.00	25.45 0.96 0.00	26.41 0.68 0.00	29.15 0.47 0.00	35.48 0.57 0.00	29.07 0.51 0.00	32.06 0.58 0.00	44.05 1.18 0.00	56.49 2.44 0.00	43.69 2.09 0.00	45.26 2.12 0.00	39.62 1.77 0.00	41.04 1.64 0.00	35.11 1.32 0.00
CPV_VALLEY__CC1 323721	30.59 0.53 -0.16	41.79 0.37 -14.86	27.51 0.37 0.00	27.25 0.32 0.00	35.75 0.46 -0.88	27.08 0.46 -0.20	33.75 0.69 -0.13	37.75 0.82 -1.89	27.56 0.75 0.00	23.05 0.70 0.00	25.13 0.76 0.00	25.26 0.78 0.00	26.53 0.79 0.00	29.54 0.86 0.00	35.94 1.02 0.00	29.36 0.80 0.00	32.28 0.80 0.00	43.84 0.97 0.00	55.13 1.08 0.00	42.52 0.92 0.00	43.90 0.77 0.00	38.56 0.72 0.00	40.15 0.75 0.00	34.46 0.67 0.00
CPV_VALLEY__CC2 323722	30.59 0.53 -0.16	41.79 0.37 -14.86	27.51 0.37 0.00	27.25 0.32 0.00	35.75 0.46 -0.88	27.08 0.46 -0.20	33.75 0.69 -0.13	37.75 0.82 -1.89	27.56 0.75 0.00	23.05 0.70 0.00	25.13 0.76 0.00	25.26 0.78 0.00	26.53 0.79 0.00	29.54 0.86 0.00	35.94 1.02 0.00	29.36 0.80 0.00	32.28 0.80 0.00	43.84 0.97 0.00	55.13 1.08 0.00	42.52 0.92 0.00	43.90 0.77 0.00	38.56 0.72 0.00	40.15 0.75 0.00	34.46 0.67 0.00
CRESCENT__HYD 24018	30.38 0.76 0.27	2.35 0.61 24.82	27.80 0.65 0.00	27.58 0.66 0.00	33.80 0.86 1.47	26.79 0.70 0.33	33.78 1.06 0.21	32.92 1.04 3.16	27.64 0.83 0.00	23.01 0.66 0.00	24.97 0.61 0.00	25.14 0.65 0.00	26.35 0.62 0.00	29.30 0.62 0.00	35.57 0.65 0.00	29.04 0.49 0.00	32.02 0.54 0.00	43.58 0.71 0.00	54.98 0.93 0.00	42.38 0.79 0.00	44.07 0.94 0.00	38.67 0.83 0.00	40.21 0.81 0.00	34.53 0.74 0.00
CRICKET__VALLEY_CC1 323756	26.90 0.42 3.42	-276.40 0.27 303.22	27.42 0.27 0.00	27.16 0.23 0.00	16.74 0.33 17.99	22.72 0.36 4.06	30.97 0.63 2.59	-2.89 0.70 38.63	27.57 0.76 0.00	23.10 0.75 0.00	25.23 0.86 0.00	25.34 0.85 0.00	26.58 0.85 0.00	29.53 0.86 0.00	35.80 0.88 0.00	29.24 0.68 0.00	32.13 0.65 0.00	43.69 0.81 0.00	54.97 0.92 0.00	42.42 0.82 0.00	43.86 0.73 0.00	38.48 0.63 0.00	40.02 0.62 0.00	34.40 0.61 0.00
CRICKET__VALLEY_CC2 323757	26.90 0.42 3.42	-276.40 0.27 303.22	27.42 0.27 0.00	27.16 0.23 0.00	16.74 0.33 17.99	22.72 0.36 4.06	30.97 0.63 2.59	-2.89 0.70 38.63	27.57 0.76 0.00	23.10 0.75 0.00	25.23 0.86 0.00	25.34 0.85 0.00	26.58 0.85 0.00	29.53 0.86 0.00	35.80 0.88 0.00	29.24 0.68 0.00	32.13 0.65 0.00	43.69 0.81 0.00	54.97 0.92 0.00	42.42 0.82 0.00	43.86 0.73 0.00	38.48 0.63 0.00	40.02 0.62 0.00	34.40 0.61 0.00
CRICKET__VALLEY_CC3 323758	26.90 0.42 3.42	-276.40 0.27 303.22	27.42 0.27 0.00	27.16 0.23 0.00	16.74 0.33 17.99	22.72 0.36 4.06	30.97 0.63 2.59	-2.89 0.70 38.63	27.57 0.76 0.00	23.10 0.75 0.00	25.23 0.86 0.00	25.34 0.85 0.00	26.58 0.85 0.00	29.53 0.86 0.00	35.80 0.88 0.00	29.24 0.68 0.00	32.13 0.65 0.00	43.69 0.81 0.00	54.97 0.92 0.00	42.42 0.82 0.00	43.86 0.73 0.00	38.48 0.63 0.00	40.02 0.62 0.00	34.40 0.61 0.00
CRUCIBLE__METL_DRP 24180	32.40 0.11 -2.39	40.27 0.08 -13.63	31.91 0.03 -4.73	27.06 0.03 -0.10	34.46 0.05 0.00	26.63 0.06 -0.15	35.72 -0.02 -2.81	39.17 0.05 -4.07	27.51 -0.05 -0.75	22.28 -0.07 0.00	24.32 -0.07 -0.02	26.38 -0.11 -2.01	25.99 -0.08 -0.34	30.64 -0.02 -1.98	39.15 0.11 -4.12	31.63 0.12 -2.95	34.90 0.14 -3.28	50.55 0.24 -7.43	76.65 0.56 -22.03	64.44 0.38 -22.46	56.04 0.21 -12.69	43.85 0.15 -5.85	47.76 0.16 -8.19	38.25 0.08 -4.38
DAHOWA__HYDRO 323763	31.02 1.36 0.24	6.28 1.14 21.42	28.27 1.12 0.00	28.06 1.13 0.00	34.65 1.51 1.27	27.36 1.23 0.29	34.52 1.77 0.18	34.14 1.83 2.74	28.07 1.26 0.00	23.29 0.95 0.00	25.28 0.92 0.00	25.43 0.95 0.00	26.65 0.92 0.00	29.68 1.00 0.00	36.04 1.12 0.00	29.37 0.81 0.00	32.49 1.01 0.00	44.50 1.63 0.00	56.37 2.31 0.00	43.54 1.94 0.00	45.24 2.11 0.00	39.60 1.75 0.00	41.12 1.72 0.00	35.32 1.53 0.00
DANC__LFGE 323619	46.31 0.76 -15.65	116.27 0.52 -89.19	58.53 0.43 -30.95	27.98 0.40 -0.65	34.89 0.48 0.00	27.02 0.46 -0.14	36.22 0.75 -2.54	39.15 0.73 -3.37	27.83 0.40 -0.62	22.39 0.04 0.00	24.29 -0.10 -0.02	26.00 -0.15 -1.66	25.91 -0.11 -0.28	30.29 -0.03 -1.64	38.40 0.08 -3.41	31.14 0.14 -2.44	34.64 0.18 -2.98	50.12 0.46 -6.79	75.37 1.19 -20.12	65.73 1.21 -22.92	56.04 1.24 -11.68	44.08 0.89 -5.35	47.53 0.64 -7.48	38.35 0.56 -4.00
DANSKAMMER__1 23586	31.22 1.15 -0.17	45.83 0.89 -18.38	28.04 0.89 0.00	27.75 0.83 0.00	36.62 1.12 -1.09	27.65 0.98 -0.25	34.46 1.37 -0.16	38.94 1.56 -2.34	28.16 1.35 0.00	23.55 1.20 0.00	25.67 1.31 0.00	25.77 1.29 0.00	27.07 1.33 0.00	30.17 1.49 0.00	36.69 1.77 0.00	30.01 1.46 0.00	33.00 1.52 0.00	44.79 1.92 0.00	56.32 2.27 0.00	43.47 1.88 0.00	44.90 1.77 0.00	39.42 1.58 0.00	41.00 1.60 0.00	35.22 1.43 0.00
DANSKAMMER__2 23589	31.22 1.15 -0.17	45.83 0.89 -18.38	28.04 0.89 0.00	27.75 0.83 0.00	36.62 1.12 -1.09	27.65 0.98 -0.25	34.46 1.37 -0.16	38.94 1.56 -2.34	28.16 1.35 0.00	23.55 1.20 0.00	25.67 1.31 0.00	25.77 1.29 0.00	27.07 1.33 0.00	30.17 1.49 0.00	36.69 1.77 0.00	30.01 1.46 0.00	33.00 1.52 0.00	44.79 1.92 0.00	56.32 2.27 0.00	43.47 1.88 0.00	44.90 1.77 0.00	39.42 1.58 0.00	41.00 1.60 0.00	35.22 1.43 0.00
DANSKAMMER__3 23590	31.22 1.15 -0.17	45.83 0.89 -18.38	28.04 0.89 0.00	27.75 0.83 0.00	36.62 1.12 -1.09	27.65 0.98 -0.25	34.46 1.37 -0.16	38.94 1.56 -2.34	28.16 1.35 0.00	23.55 1.20 0.00	25.67 1.31 0.00	25.77 1.29 0.00	27.07 1.33 0.00	30.17 1.49 0.00	36.69 1.77 0.00	30.01 1.46 0.00	33.00 1.52 0.00	44.79 1.92 0.00	56.32 2.27 0.00	43.47 1.88 0.00	44.90 1.77 0.00	39.42 1.58 0.00	41.00 1.60 0.00	35.22 1.43 0.00

DANSKAMMER___4 23591	31.22 1.15 -0.17	45.83 0.89 -18.38	28.04 0.89 0.00	27.75 0.83 0.00	36.62 1.12 -1.09	27.65 0.98 -0.25	34.46 1.37 -0.16	38.94 1.56 -2.34	28.16 1.35 0.00	23.55 1.20 0.00	25.67 1.31 0.00	25.77 1.29 0.00	27.07 1.33 0.00	30.17 1.49 0.00	36.69 1.77 0.00	30.01 1.46 0.00	33.00 1.52 0.00	44.79 1.92 0.00	56.32 2.27 0.00	43.47 1.88 0.00	44.90 1.77 0.00	39.42 1.58 0.00	41.00 1.60 0.00	35.22 1.43 0.00
DANSKAMMER___DIESEL 23592	31.22 1.16 -0.17	45.83 0.89 -18.38	28.04 0.89 0.00	27.75 0.83 0.00	36.62 1.12 -1.09	27.65 0.98 -0.25	34.46 1.38 -0.16	38.94 1.55 -2.34	28.16 1.35 0.00	23.55 1.20 0.00	25.67 1.31 0.00	25.78 1.29 0.00	27.07 1.33 0.00	30.17 1.49 0.00	36.69 1.78 0.00	30.01 1.45 0.00	33.00 1.52 0.00	44.79 1.92 0.00	56.32 2.27 0.00	43.48 1.88 0.00	44.90 1.77 0.00	39.43 1.58 0.00	41.00 1.60 0.00	35.22 1.43 0.00
DARBY___SOLAR 323810	30.87 1.21 0.24	5.63 1.01 21.93	28.15 1.00 0.00	27.93 1.01 0.00	34.45 1.34 1.30	27.22 1.09 0.30	34.32 1.58 0.19	33.86 1.62 2.80	27.94 1.13 0.00	23.18 0.83 0.00	25.16 0.80 0.00	25.32 0.83 0.00	26.54 0.81 0.00	29.55 0.87 0.00	35.89 0.96 0.00	29.24 0.67 0.00	32.34 0.86 0.00	44.25 1.37 0.00	56.01 1.96 0.00	43.27 1.67 0.00	44.96 1.82 0.00	39.37 1.53 0.00	40.91 1.51 0.00	35.14 1.35 0.00
DASHVILLE___HYD 23610	30.97 0.97 -0.10	38.90 0.71 -11.64	27.83 0.68 0.00	27.55 0.62 0.00	36.01 0.91 -0.69	27.32 0.74 -0.15	34.05 1.02 -0.10	37.76 1.23 -1.48	27.90 1.09 0.00	23.35 1.00 0.00	25.44 1.08 0.00	25.54 1.05 0.00	26.79 1.05 0.00	29.84 1.16 0.00	36.26 1.34 0.00	29.62 1.06 0.00	32.60 1.12 0.00	44.30 1.42 0.00	55.77 1.72 0.00	43.03 1.43 0.00	44.43 1.29 0.00	39.02 1.17 0.00	40.58 1.18 0.00	34.81 1.02 0.00
DELAWARE___LFGE 323621	30.46 0.56 0.00	27.02 0.46 0.00	27.71 0.56 0.00	27.49 0.56 0.00	35.11 0.71 0.00	26.97 0.51 -0.04	34.31 0.64 -0.73	36.76 0.72 -0.99	27.52 0.53 -0.18	22.82 0.47 0.00	24.88 0.51 -0.01	25.48 0.50 -0.49	26.34 0.52 -0.08	29.78 0.61 -0.48	36.74 0.81 -1.01	29.95 0.67 -0.72	33.02 0.69 -0.86	45.72 0.89 -1.95	61.04 1.19 -5.79	48.34 0.96 -5.79	47.34 0.88 -3.33	40.22 0.83 -1.54	42.40 0.84 -2.16	35.64 0.70 -1.15
DERFIELD_115KV_TB7 355931	32.35 0.10 -2.35	40.02 0.06 -13.40	31.89 0.08 -4.65	27.10 0.08 -0.10	34.51 0.10 0.00	26.49 0.07 0.00	33.05 0.12 0.00	35.17 0.12 0.00	26.91 0.10 0.00	22.42 0.07 0.00	24.43 0.06 0.00	24.56 0.07 0.00	25.79 0.05 0.00	28.74 0.06 0.00	35.00 0.08 0.00	28.63 0.07 0.00	31.54 0.07 0.00	42.97 0.10 0.00	54.22 0.16 0.00	42.17 0.15 -0.42	43.28 0.13 -0.02	37.96 0.12 0.00	39.51 0.11 0.00	33.88 0.09 0.00
DOGLEVILLE___HYD 23807	32.80 0.55 -2.35	40.33 0.38 -13.40	32.29 0.49 -4.65	27.54 0.51 -0.10	35.00 0.59 0.00	26.94 0.52 0.00	33.82 0.89 0.00	35.94 0.90 0.00	27.29 0.48 0.00	22.39 0.05 0.00	24.12 -0.24 0.00	24.28 -0.20 0.00	25.35 -0.39 0.00	28.30 -0.37 0.00	34.54 -0.38 0.00	28.21 -0.35 0.00	31.26 -0.21 0.00	43.02 0.14 0.00	54.84 0.79 0.00	42.99 0.97 -0.42	44.04 0.89 -0.02	38.65 0.81 0.00	40.09 0.69 0.00	34.27 0.47 0.00
DUNKIRK___115KV_TB_200 55889	30.18 0.28 0.00	27.09 0.54 0.00	27.24 0.09 0.00	27.10 0.17 0.00	34.73 0.32 0.00	26.96 0.47 -0.06	33.73 -0.38 -1.18	36.23 -0.42 -1.61	26.61 -0.50 -0.30	22.20 -0.14 0.00	24.45 0.08 -0.01	25.20 -0.08 -0.79	26.03 0.16 -0.14	29.77 0.31 -0.78	37.33 0.79 -1.63	30.41 0.69 -1.16	33.63 0.77 -1.38	47.10 1.09 -3.14	65.24 1.88 -9.31	51.93 1.03 -9.31	48.91 0.43 -5.35	40.88 0.56 -2.47	43.86 1.00 -3.46	36.55 0.91 -1.85
DUNKIRK___1 23563	30.18 0.28 0.00	27.09 0.54 0.00	27.24 0.09 0.00	27.10 0.17 0.00	34.73 0.32 0.00	26.96 0.47 -0.06	33.73 -0.38 -1.18	36.23 -0.42 -1.61	26.61 -0.50 -0.30	22.20 -0.14 0.00	24.45 0.08 -0.01	25.20 -0.08 -0.79	26.03 0.16 -0.14	29.77 0.31 -0.78	37.33 0.79 -1.63	30.41 0.69 -1.16	33.63 0.77 -1.38	47.10 1.09 -3.14	65.24 1.88 -9.31	51.93 1.03 -9.31	48.91 0.43 -5.35	40.88 0.56 -2.47	43.86 1.00 -3.46	36.55 0.91 -1.85
DUNKIRK___2 23564	30.18 0.28 0.00	27.09 0.54 0.00	27.24 0.09 0.00	27.10 0.17 0.00	34.73 0.32 0.00	26.96 0.47 -0.06	33.73 -0.38 -1.18	36.23 -0.42 -1.61	26.61 -0.50 -0.30	22.20 -0.14 0.00	24.45 0.08 -0.01	25.20 -0.08 -0.79	26.03 0.16 -0.14	29.77 0.31 -0.78	37.33 0.79 -1.63	30.41 0.69 -1.16	33.63 0.77 -1.38	47.10 1.09 -3.14	65.24 1.88 -9.31	51.93 1.03 -9.31	48.91 0.43 -5.35	40.88 0.56 -2.47	43.86 1.00 -3.46	36.55 0.91 -1.85
DUNKIRK___3 23565	30.13 0.24 0.00	27.06 0.50 0.00	27.23 0.07 0.00	27.06 0.13 0.00	34.69 0.28 0.00	26.89 0.41 -0.06	33.59 -0.52 -1.18	36.05 -0.60 -1.61	26.49 -0.62 -0.30	22.09 -0.25 0.00	24.35 -0.02 -0.01	25.11 -0.17 -0.79	25.93 0.06 -0.14	29.64 0.18 -0.78	37.18 0.64 -1.63	30.30 0.58 -1.16	33.47 0.61 -1.38	46.86 0.84 -3.14	64.94 1.58 -9.30	51.64 0.74 -9.30	48.62 0.13 -5.35	40.64 0.32 -2.47	43.65 0.79 -3.46	36.42 0.78 -1.85
DUNKIRK___4 23566	30.13 0.24 0.00	27.06 0.50 0.00	27.23 0.07 0.00	27.06 0.13 0.00	34.69 0.28 0.00	26.89 0.41 -0.06	33.59 -0.52 -1.18	36.05 -0.60 -1.61	26.49 -0.62 -0.30	22.09 -0.25 0.00	24.35 -0.02 -0.01	25.11 -0.17 -0.79	25.93 0.06 -0.14	29.64 0.18 -0.78	37.18 0.64 -1.63	30.30 0.58 -1.16	33.47 0.61 -1.38	46.86 0.84 -3.14	64.94 1.58 -9.30	51.64 0.74 -9.30	48.62 0.13 -5.35	40.64 0.32 -2.47	43.65 0.79 -3.46	36.42 0.78 -1.85
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.19 1.07 -0.22	47.33 0.80 -19.97	27.95 0.80 0.00	27.67 0.75 0.00	36.61 1.01 -1.18	27.63 0.94 -0.27	34.45 1.35 -0.17	39.16 1.57 -2.55	28.22 1.41 0.00	23.65 1.30 0.00	25.81 1.44 0.00	25.94 1.46 0.00	27.22 1.49 0.00	30.30 1.62 0.00	36.78 1.86 0.00	30.01 1.45 0.00	32.95 1.48 0.00	44.72 1.85 0.00	56.20 2.15 0.00	43.32 1.72 0.00	44.70 1.57 0.00	39.29 1.44 0.00	40.93 1.53 0.00	35.21 1.42 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.95 0.88 -0.17	44.65 0.65 -17.44	27.79 0.64 0.00	27.51 0.59 0.00	36.26 0.82 -1.04	27.40 0.75 -0.23	34.17 1.09 -0.15	38.51 1.24 -2.22	27.90 1.10 0.00	23.33 0.99 0.00	25.43 1.07 0.00	25.56 1.07 0.00	26.84 1.10 0.00	29.91 1.23 0.00	36.39 1.47 0.00	29.76 1.20 0.00	32.71 1.23 0.00	44.41 1.53 0.00	55.84 1.79 0.00	43.09 1.50 0.00	44.48 1.34 0.00	39.05 1.21 0.00	40.64 1.24 0.00	34.88 1.09 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.20 1.08 -0.22	47.31 0.78 -19.97	28.03 0.87 0.00	27.64 0.71 0.00	36.54 0.94 -1.19	27.65 0.96 -0.27	34.49 1.39 -0.17	39.21 1.62 -2.55	28.37 1.56 0.00	23.71 1.36 0.00	25.83 1.47 0.00	25.99 1.50 0.00	27.26 1.53 0.00	30.35 1.67 0.00	36.85 1.93 0.00	30.11 1.55 0.00	33.04 1.57 0.00	44.74 1.86 0.00	56.19 2.14 0.00	43.32 1.73 0.00	44.75 1.61 0.00	39.33 1.48 0.00	40.92 1.53 0.00	35.23 1.44 0.00

E179THST_13_KV_LOAD 356214	31.33 1.21 -0.22	47.42 0.89 -19.97	28.14 0.99 0.00	27.74 0.82 0.00	36.67 1.08 -1.19	27.77 1.08 -0.27	34.64 1.54 -0.17	39.38 1.79 -2.55	28.50 1.69 0.00	23.82 1.48 0.00	25.95 1.59 0.00	26.12 1.63 0.00	27.39 1.65 0.00	30.50 1.82 0.00	37.04 2.12 0.00	30.27 1.71 0.00	33.21 1.73 0.00	44.97 2.10 0.00	56.50 2.45 0.00	43.56 1.96 0.00	44.97 1.84 0.00	39.53 1.68 0.00	41.13 1.73 0.00	35.39 1.60 0.00
EAST HAMPTON___GT 23717	30.62 0.50 -0.22	46.92 0.39 -19.98	27.68 0.53 0.00	27.48 0.55 0.00	36.31 0.72 -1.18	27.34 0.66 -0.27	32.98 -0.12 -0.17	38.44 0.85 -2.55	27.19 0.39 0.00	23.13 0.79 0.00	25.82 1.46 0.00	26.34 1.85 0.00	27.29 1.55 0.00	30.02 1.35 0.00	35.57 0.65 0.00	24.64 -0.08 3.84	28.11 0.13 3.50	42.77 -0.10 0.00	53.89 -0.16 0.00	41.75 0.16 0.00	43.15 0.02 0.00	38.41 0.57 0.00	41.16 1.76 0.00	35.70 1.91 0.00
EAST RIVER___6 23660	31.22 1.10 -0.22	47.35 0.82 -19.97	27.96 0.81 0.00	27.67 0.75 0.00	36.64 1.05 -1.18	27.70 1.01 -0.27	34.58 1.47 -0.17	39.26 1.68 -2.55	28.33 1.53 0.00	23.74 1.39 0.00	25.89 1.53 0.00	26.02 1.54 0.00	27.32 1.58 0.00	30.41 1.73 0.00	36.91 2.00 0.00	30.15 1.60 0.00	33.09 1.62 0.00	44.86 1.99 0.00	56.33 2.28 0.00	43.44 1.85 0.00	44.86 1.72 0.00	39.41 1.57 0.00	40.98 1.58 0.00	35.30 1.51 0.00
EAST RIVER___7 23524	31.22 1.10 -0.22	47.35 0.82 -19.97	27.96 0.81 0.00	27.67 0.75 0.00	36.64 1.05 -1.18	27.70 1.01 -0.27	34.58 1.47 -0.17	39.26 1.68 -2.55	28.33 1.53 0.00	23.74 1.39 0.00	25.89 1.53 0.00	26.02 1.54 0.00	27.32 1.58 0.00	30.41 1.73 0.00	36.91 2.00 0.00	30.15 1.60 0.00	33.09 1.62 0.00	44.86 1.99 0.00	56.33 2.28 0.00	43.44 1.85 0.00	44.86 1.72 0.00	39.41 1.57 0.00	40.98 1.58 0.00	35.30 1.51 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.15 1.03 -0.22	47.26 0.76 -19.94	27.92 0.77 0.00	27.63 0.71 0.00	36.56 0.97 -1.18	27.59 0.90 -0.27	34.39 1.29 -0.17	39.09 1.51 -2.54	28.16 1.36 0.00	23.59 1.24 0.00	25.74 1.38 0.00	25.88 1.39 0.00	27.16 1.42 0.00	30.24 1.56 0.00	36.71 1.79 0.00	29.96 1.40 0.00	32.89 1.42 0.00	44.65 1.78 0.00	56.11 2.05 0.00	43.26 1.66 0.00	44.64 1.50 0.00	39.23 1.39 0.00	40.86 1.46 0.00	35.15 1.36 0.00
EAST_HAMPTON___DIESEL 23722	30.55 0.43 -0.22	46.87 0.34 -19.98	27.64 0.49 0.00	27.43 0.50 0.00	36.26 0.67 -1.18	27.30 0.61 -0.27	32.87 -0.23 -0.17	38.32 0.73 -2.55	27.10 0.30 0.00	23.08 0.73 0.00	25.77 1.40 0.00	26.30 1.81 0.00	27.23 1.49 0.00	29.95 1.27 0.00	35.45 0.53 0.00	24.55 -0.18 3.84	28.01 0.04 3.50	42.63 -0.24 0.00	53.72 -0.34 0.00	41.61 0.02 0.00	43.03 -0.10 0.00	38.34 0.49 0.00	41.13 1.72 0.00	35.68 1.89 0.00
EAST_POINT___SOLAR 323840	31.22 1.45 0.12	16.48 1.26 11.33	28.41 1.27 0.00	28.18 1.25 0.00	35.40 1.66 0.67	27.51 1.24 0.15	34.56 1.73 0.10	35.30 1.71 1.45	27.11 0.30 0.00	22.06 -0.29 0.00	23.97 -0.40 0.00	24.07 -0.41 0.00	25.26 -0.47 0.00	28.43 -0.25 0.00	34.79 -0.13 0.00	28.43 -0.13 0.00	31.58 0.11 0.00	44.03 1.16 0.00	57.03 2.97 0.00	44.32 2.73 0.00	45.89 2.76 0.00	40.04 2.19 0.00	41.52 2.12 0.00	35.55 1.76 0.00
EAST_PULASKI___ESR 323781	38.24 0.18 -8.17	73.16 0.09 -46.52	43.31 0.02 -16.14	27.29 0.02 -0.34	34.41 0.00 0.00	26.65 0.05 -0.19	36.49 0.08 -3.47	39.74 0.06 -4.63	27.61 -0.05 -0.86	22.14 -0.21 0.00	24.08 -0.31 -0.03	26.42 -0.35 -2.28	25.78 -0.34 -0.39	30.58 -0.36 -2.26	39.24 -0.37 -4.69	31.65 -0.26 -3.35	35.27 -0.27 -4.07	51.86 -0.30 -9.28	81.65 0.08 -27.51	70.78 0.22 -28.97	59.20 0.19 -15.87	45.24 0.08 -7.31	49.67 0.04 -10.23	39.29 0.04 -5.46
EAST_RIVER___1 323558	31.25 1.13 -0.22	47.37 0.84 -19.97	28.00 0.84 0.00	27.70 0.78 0.00	36.68 1.08 -1.18	27.73 1.04 -0.27	34.60 1.50 -0.17	39.33 1.74 -2.55	28.38 1.58 0.00	23.77 1.43 0.00	25.92 1.56 0.00	26.05 1.56 0.00	27.34 1.60 0.00	30.43 1.76 0.00	36.95 2.03 0.00	30.18 1.62 0.00	33.12 1.64 0.00	44.90 2.02 0.00	56.37 2.32 0.00	43.46 1.86 0.00	44.85 1.72 0.00	39.43 1.58 0.00	41.02 1.62 0.00	35.30 1.50 0.00
EAST_RIVER___2 323559	31.22 1.10 -0.22	47.35 0.82 -19.97	27.96 0.81 0.00	27.67 0.75 0.00	36.64 1.05 -1.18	27.70 1.01 -0.27	34.58 1.47 -0.17	39.26 1.68 -2.55	28.33 1.53 0.00	23.74 1.39 0.00	25.89 1.53 0.00	26.02 1.54 0.00	27.32 1.58 0.00	30.41 1.73 0.00	36.91 2.00 0.00	30.15 1.60 0.00	33.09 1.62 0.00	44.86 1.99 0.00	56.33 2.28 0.00	43.44 1.85 0.00	44.86 1.72 0.00	39.41 1.57 0.00	40.98 1.58 0.00	35.30 1.51 0.00
EAST___DELAWARE_HYD 23607	30.57 0.55 -0.12	40.25 0.35 -13.34	27.47 0.32 0.00	27.21 0.28 0.00	35.60 0.40 -0.79	27.02 0.42 -0.18	33.72 0.68 -0.11	37.68 0.93 -1.70	28.25 1.44 0.00	23.60 1.26 0.00	25.65 1.28 0.00	25.59 1.10 0.00	26.67 0.93 0.00	29.28 0.60 0.00	35.40 0.48 0.00	28.99 0.42 0.00	32.00 0.52 0.00	43.56 0.69 0.00	54.96 0.90 0.00	42.41 0.82 0.00	43.78 0.64 0.00	38.40 0.56 0.00	39.91 0.51 0.00	34.19 0.40 0.00
EIGHT_POINT___WT_PWR 323820	30.39 0.50 0.00	27.10 0.54 0.00	27.30 0.15 0.00	27.27 0.34 0.00	35.01 0.61 0.00	27.13 0.64 -0.08	34.60 0.18 -1.48	37.21 0.13 -2.03	27.14 -0.05 -0.38	22.23 -0.12 0.00	24.24 -0.14 -0.01	25.24 -0.25 -1.00	25.78 -0.13 -0.17	29.59 -0.08 -0.99	37.23 0.25 -2.06	30.44 0.41 -1.47	33.78 0.56 -1.74	47.68 0.85 -3.96	67.97 2.19 -11.73	54.80 1.48 -11.73	50.86 0.98 -6.74	41.91 0.95 -3.12	45.04 1.27 -4.36	37.18 1.07 -2.33
ELBRIDGE_115KV_TB2 80188	32.01 -0.02 -2.13	38.69 -0.01 -12.14	31.28 -0.08 -4.21	26.93 -0.09 -0.09	34.32 -0.09 0.00	26.53 -0.05 -0.15	35.66 -0.17 -2.90	38.93 -0.18 -4.06	27.35 -0.21 -0.75	22.15 -0.20 0.00	24.17 -0.22 -0.02	26.23 -0.26 -2.00	25.84 -0.23 -0.34	30.45 -0.21 -1.98	38.93 -0.10 -4.11	31.45 -0.05 -2.94	34.86 -0.01 -3.39	50.63 0.06 -7.70	77.20 0.32 -22.83	65.01 0.20 -23.21	56.29 0.01 -13.14	43.90 -0.01 -6.07	47.91 0.01 -8.49	38.28 -0.04 -4.54
ELEC_TRO_TEK 24086	31.16 1.04 -0.22	47.32 0.78 -19.98	27.93 0.79 0.00	27.64 0.72 0.00	36.54 0.95 -1.18	27.57 0.88 -0.27	34.23 1.12 -0.17	39.08 1.49 -2.55	28.06 1.25 0.00	23.60 1.26 0.00	25.90 1.54 0.00	26.08 1.60 0.00	27.35 1.61 0.00	30.40 1.72 0.00	36.70 1.78 0.00	28.83 1.08 0.81	31.73 1.09 0.83	44.25 1.38 0.00	55.61 1.55 0.00	42.93 1.34 0.00	44.18 1.05 0.00	38.93 1.08 0.00	40.90 1.50 0.00	35.19 1.40 0.00
ELLENBURG_WT_PWR 323604	36.07 0.54 -5.64	59.39 0.71 -32.13	38.99 0.70 -11.15	27.84 0.68 -0.23	35.20 0.80 0.00	27.09 0.67 0.00	33.83 0.90 0.00	35.95 0.91 0.00	27.47 0.67 0.00	22.89 0.54 0.00	25.00 0.63 0.00	25.08 0.59 0.00	26.37 0.64 0.00	29.30 0.62 0.00	35.62 0.70 0.00	29.02 0.46 0.00	32.07 0.59 0.00	43.47 0.59 0.00	54.60 0.55 0.00	43.13 0.52 -1.01	44.00 0.83 -0.04	38.65 0.81 0.00	40.54 1.13 0.00	34.90 1.11 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.09 0.19 0.00	27.06 0.50 0.00	27.31 0.16 0.00	27.09 0.17 0.00	34.74 0.33 0.00	26.83 0.35 -0.06	33.26 -0.84 -1.16	35.59 -1.04 -1.59	26.22 -0.88 -0.29	21.84 -0.50 0.00	24.12 -0.25 -0.01	24.90 -0.36 -0.78	25.74 -0.13 -0.13	29.40 -0.05 -0.77	36.89 0.37 -1.60	30.12 0.42 -1.14	33.23 0.40 -1.36	46.47 0.51 -3.09	64.41 1.19 -9.16	51.05 0.29 -9.16	48.09 -0.31 -5.27	40.23 -0.05 -2.44	43.35 0.53 -3.41	36.29 0.68 -1.82
EMPIRE_CC_1 323656	29.83 0.22 0.29	0.71 0.15 26.00	27.40 0.25 0.00	27.18 0.25 0.00	33.13 0.27 1.54	26.33 0.26 0.35	33.16 0.45 0.22	32.12 0.39 3.31	27.20 0.39 0.00	22.67 0.33 0.00	24.62 0.25 0.00	24.77 0.29 0.00	25.96 0.22 0.00	28.85 0.17 0.00	35.00 0.08 0.00	28.60 0.04 0.00	31.43 -0.05 0.00	42.62 -0.25 0.00	53.69 -0.37 0.00	41.38 -0.21 0.00	43.06 -0.08 0.00	37.87 0.02 0.00	39.39 -0.02 0.00	33.88 0.09 0.00
EMPIRE_CC_2 323658	29.83 0.22 0.29	0.71 0.15 26.00	27.40 0.25 0.00	27.18 0.25 0.00	33.13 0.27 1.54	26.33 0.26 0.35	33.16 0.45 0.22	32.12 0.39 3.31	27.20 0.39 0.00	22.67 0.33 0.00	24.62 0.25 0.00	24.77 0.29 0.00	25.96 0.22 0.00	28.85 0.17 0.00	35.00 0.08 0.00	28.60 0.04 0.00	31.43 -0.05 0.00	42.62 -0.25 0.00	53.69 -0.37 0.00	41.38 -0.21 0.00	43.06 -0.08 0.00	37.87 0.02 0.00	39.39 -0.02 0.00	33.88 0.09 0.00
ENORWICH_115KV_TB1 80156	31.52 1.63 0.00	27.89 1.33 0.00	28.50 1.35 0.00	28.38 1.45 0.00	36.39 1.98 0.00	28.10 1.61 -0.08	36.39 2.03 -1.43	39.17 2.17 -1.95	28.45 1.28 -0.36	23.32 0.98 0.00	25.41 1.04 -0.01	26.33 0.89 -0.96	26.91 1.01 -0.16	30.96 1.33 -0.95	38.73 1.83 -1.98	31.59 1.62 -1.41	35.08 1.93 -1.68	49.81 3.12 -3.82	69.85 4.49 -11.31	56.36 3.45 -11.31	52.90 3.26 -6.51	43.60 2.75 -3.01	46.28 2.67 -4.21	38.03 1.99 -2.25
ERIE_ST__34_KV_TB1-2 80199	30.24 0.34 0.00	27.16 0.61 0.00	27.39 0.24 0.00	27.17 0.24 0.00	34.83 0.43 0.00	26.92 0.44 -0.06	33.48 -0.63 -1.17	35.90 -0.74 -1.60	26.46 -0.65 -0.30	22.05 -0.30 0.00	24.34 -0.03 -0.01	25.13 -0.15 -0.79	25.97 0.09 -0.13	29.68 0.22 -0.78	37.27 0.73 -1.62	30.41 0.70 -1.16	33.55 0.71 -1.37	46.94 0.94 -3.12	65.04 1.74 -9.25	51.54 0.70 -9.25	48.55 0.09 -5.32	40.58 0.28 -2.46	43.65 0.81 -3.44	36.46 0.83 -1.84
ERIE_WT_PWR 323693	30.20 0.31 0.00	27.16 0.60 0.00	27.40 0.25 0.00	27.18 0.25 0.00	34.82 0.42 0.00	26.92 0.44 -0.06	33.41 -0.69 -1.17	35.76 -0.87 -1.60	26.34 -0.77 -0.30	21.94 -0.40 0.00	24.23 -0.14 -0.01	25.03 -0.24 -0.79	25.85 -0.02 -0.13	29.53 0.07 -0.78	37.05 0.52 -1.61	30.28 0.57 -1.15	33.41 0.56 -1.37	46.73 0.74 -3.11	64.82 1.53 -9.24	51.40 0.57 -9.24	48.44 0.00 -5.31	40.49 0.19 -2.45	43.58 0.75 -3.43	36.45 0.82 -1.84
ESPRGFLD_115KV_TB1 80157	30.84 1.03 0.08	20.33 0.90 7.13	28.07 0.92 0.00	27.87 0.94 0.00	35.22 1.24 0.42	27.21 0.87 0.08	34.28 1.09 -0.26	35.81 1.23 0.47	27.62 0.73 -0.08	22.87 0.53 0.00	25.00 0.63 0.00	25.29 0.59 -0.22	26.42 0.65 -0.04	29.72 0.82 -0.21	36.59 1.23 -0.44	29.94 1.06 -0.32	33.06 1.21 -0.38	45.61 1.87 -0.86	59.30 2.70 -2.55	46.26 2.11 -2.55	46.64 2.04 -1.47	40.20 1.68 -0.68	42.02 1.67 -0.95	35.67 1.37 -0.51
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.49 0.59 0.00	27.08 0.52 0.00	27.58 0.43 0.00	27.37 0.45 0.00	35.00 0.59 0.00	27.02 0.50 -0.10	35.35 0.54 -1.88	38.23 0.61 -2.57	27.59 0.31 -0.48	22.54 0.20 0.00	24.55 0.17 -0.02	25.80 0.04 -1.27	26.03 0.07 -0.22	30.11 0.18 -1.25	37.94 0.42 -2.61	30.84 0.41 -1.86	34.27 0.59 -2.20	48.84 0.95 -5.01	70.45 1.54 -14.86	57.70 1.24 -14.86	52.73 1.05 -8.54	42.69 0.90 -3.95	45.85 0.93 -5.52	37.43 0.68 -2.95
ETNA____115KV_TB2 80207	30.49 0.59 0.00	27.08 0.52 0.00	27.58 0.43 0.00	27.37 0.45 0.00	35.00 0.59 0.00	27.02 0.50 -0.10	35.35 0.54 -1.88	38.23 0.61 -2.57	27.59 0.31 -0.48	22.54 0.20 0.00	24.55 0.17 -0.02	25.80 0.04 -1.27	26.03 0.07 -0.22	30.11 0.18 -1.25	37.94 0.42 -2.61	30.84 0.41 -1.86	34.27 0.59 -2.20	48.84 0.95 -5.01	70.45 1.54 -14.86	57.70 1.24 -14.86	52.73 1.05 -8.54	42.69 0.90 -3.95	45.85 0.93 -5.52	37.43 0.68 -2.95
EUCLID__115KV_TB2 356179	32.51 -0.24 -2.86	42.63 -0.21 -16.29	32.54 -0.27 -5.65	26.78 -0.26 -0.12	34.09 -0.32 0.00	26.27 -0.24 -0.09	34.27 -0.43 -1.76	36.84 -0.46 -2.25	26.83 -0.40 -0.42	22.02 -0.33 0.00	24.02 -0.36 -0.01	25.22 -0.38 -1.11	25.56 -0.37 -0.19	29.42 -0.35 -1.10	36.88 -0.31 -2.28	29.95 -0.23 -1.63	33.29 -0.25 -2.07	47.31 -0.30 -4.73	67.89 -0.19 -14.03	55.93 -0.20 -14.54	50.86 -0.36 -8.09	41.24 -0.33 -3.73	44.28 -0.34 -5.22	36.26 -0.32 -2.79
E_CANADA_CAP_HY 24051	30.95 1.16 0.11	17.31 1.04 10.29	28.19 1.04 0.00	27.97 1.04 0.00	35.17 1.37 0.61	27.25 0.97 0.14	34.09 1.25 0.09	35.10 1.37 1.31	27.50 0.69 0.00	22.68 0.34 0.00	24.72 0.36 0.00	24.84 0.35 0.00	26.10 0.37 0.00	29.20 0.52 0.00	35.73 0.81 0.00	29.25 0.69 0.00	32.35 0.87 0.00	44.53 1.65 0.00	56.75 2.70 0.00	43.81 2.21 0.00	45.36 2.23 0.00	39.62 1.77 0.00	41.17 1.76 0.00	35.29 1.50 0.00
E_CANADA_MHWK_HY 24050	32.80 0.55 -2.35	40.33 0.38 -13.40	32.28 0.49 -4.65	27.54 0.51 -0.10	35.00 0.60 0.00	26.94 0.52 0.00	33.82 0.89 0.00	35.95 0.90 0.00	27.29 0.48 0.00	22.39 0.05 0.00	24.12 -0.24 0.00	24.28 -0.20 0.00	25.35 -0.39 0.00	28.30 -0.37 0.00	34.54 -0.38 0.00	28.21 -0.35 0.00	31.26 -0.21 0.00	43.02 0.15 0.00	54.84 0.79 0.00	42.99 0.97 -0.42	44.04 0.89 -0.02	38.65 0.80 0.00	40.09 0.69 0.00	34.27 0.47 0.00
E_FISHKILL__LBMP 23776	30.95 0.83 -0.22	47.42 0.61 -20.26	27.77 0.62 0.00	27.50 0.58 0.00	36.39 0.78 -1.20	27.40 0.71 -0.27	34.14 1.04 -0.17	38.82 1.19 -2.58	27.90 1.09 0.00	23.36 1.02 0.00	25.48 1.12 0.00	25.62 1.13 0.00	26.88 1.15 0.00	29.91 1.23 0.00	36.32 1.40 0.00	29.65 1.09 0.00	32.58 1.10 0.00	44.24 1.36 0.00	55.62 1.57 0.00	42.89 1.30 0.00	44.30 1.17 0.00	38.93 1.09 0.00	40.53 1.13 0.00	34.89 1.10 0.00
FALCON__SEABRD_CC1 323796	38.53 1.17 -7.46	70.34 1.29 -42.50	43.16 1.26 -14.75	28.44 1.20 -0.31	35.84 1.44 0.00	27.66 1.24 0.00	34.51 1.58 0.00	36.63 1.59 0.00	28.00 1.19 0.00	23.37 1.03 0.00	25.52 1.16 0.00	25.55 1.06 0.00	26.86 1.12 0.00	29.75 1.07 0.00	36.16 1.24 0.00	29.34 0.78 0.00	32.40 0.92 0.00	43.62 0.75 0.00	54.80 0.74 0.00	43.67 0.74 -1.34	44.26 1.07 -0.05	39.08 1.23 0.00	41.29 1.89 0.00	35.73 1.95 0.00
FALCON__SEABRD_CC2 323797	38.53 1.17 -7.46	70.34 1.29 -42.50	43.16 1.26 -14.75	28.44 1.20 -0.31	35.84 1.44 0.00	27.66 1.24 0.00	34.51 1.58 0.00	36.63 1.59 0.00	28.00 1.19 0.00	23.37 1.03 0.00	25.52 1.16 0.00	25.55 1.06 0.00	26.86 1.12 0.00	29.75 1.07 0.00	36.16 1.24 0.00	29.34 0.78 0.00	32.40 0.92 0.00	43.62 0.75 0.00	54.80 0.74 -1.34	43.67 0.74 -0.05	44.26 1.07 -0.05	39.08 1.23 0.00	41.29 1.89 0.00	35.73 1.95 0.00

FAR ROCKAWAY___4 23548	31.81 1.70 -0.22	47.87 1.34 -19.98	28.48 1.33 0.00	28.16 1.24 0.00	37.23 1.64 -1.18	28.12 1.43 -0.27	34.93 1.83 -0.17	39.61 2.02 -2.55	28.24 1.43 0.00	23.83 1.49 0.00	26.19 1.83 0.00	26.37 1.88 0.00	27.65 1.92 0.00	30.74 2.06 0.00	37.12 2.20 0.00	29.59 1.28 0.25	32.43 1.32 0.36	44.91 2.04 0.00	56.45 2.39 0.00	43.57 1.97 0.00	44.83 1.70 0.00	39.48 1.64 0.00	41.48 2.08 0.00	35.67 1.88 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.26 1.14 -0.22	47.39 0.86 -19.97	28.01 0.85 0.00	27.71 0.79 0.00	36.68 1.09 -1.18	27.73 1.04 -0.27	34.61 1.51 -0.17	39.35 1.76 -2.55	28.41 1.60 0.00	23.79 1.45 0.00	25.94 1.58 0.00	26.07 1.58 0.00	27.36 1.62 0.00	30.46 1.78 0.00	36.98 2.06 0.00	30.20 1.64 0.00	33.14 1.66 0.00	44.93 2.05 0.00	56.42 2.37 0.00	43.48 1.89 0.00	44.86 1.72 0.00	39.44 1.60 0.00	41.04 1.64 0.00	35.30 1.51 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.26 1.14 -0.22	47.39 0.86 -19.97	28.01 0.86 0.00	27.72 0.79 0.00	36.70 1.11 -1.18	27.73 1.05 -0.27	34.61 1.51 -0.17	39.35 1.76 -2.55	28.41 1.60 0.00	23.79 1.44 0.00	25.94 1.58 0.00	26.07 1.58 0.00	27.36 1.62 0.00	30.46 1.78 0.00	36.98 2.06 0.00	30.20 1.64 0.00	33.14 1.66 0.00	44.93 2.05 0.00	56.42 2.36 0.00	43.48 1.89 0.00	44.86 1.73 0.00	39.44 1.60 0.00	41.04 1.64 0.00	35.31 1.52 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.24 1.12 -0.22	47.37 0.84 -19.97	28.00 0.84 0.00	27.70 0.77 0.00	36.68 1.08 -1.18	27.72 1.03 -0.27	34.59 1.49 -0.17	39.33 1.74 -2.55	28.39 1.58 0.00	23.78 1.44 0.00	25.93 1.56 0.00	26.05 1.57 0.00	27.34 1.61 0.00	30.44 1.76 0.00	36.95 2.03 0.00	30.18 1.62 0.00	33.13 1.65 0.00	44.90 2.02 0.00	56.37 2.32 0.00	43.44 1.85 0.00	44.83 1.69 0.00	39.42 1.57 0.00	41.02 1.61 0.00	35.28 1.49 0.00
FARRAGUT___LBMP 323566	31.22 1.11 -0.22	47.35 0.82 -19.97	27.97 0.82 0.00	27.68 0.76 0.00	36.64 1.05 -1.18	27.70 1.01 -0.27	34.57 1.47 -0.17	39.30 1.71 -2.55	28.36 1.56 0.00	23.75 1.41 0.00	25.90 1.53 0.00	26.02 1.54 0.00	27.31 1.58 0.00	30.41 1.73 0.00	36.91 1.99 0.00	30.15 1.59 0.00	33.09 1.61 0.00	44.85 1.98 0.00	56.32 2.27 0.00	43.40 1.81 0.00	44.80 1.66 0.00	39.38 1.54 0.00	40.99 1.59 0.00	35.26 1.47 0.00
FENNER___WINDPWR 24204	36.96 0.98 -6.09	62.07 0.83 -34.68	40.02 0.83 -12.03	28.00 0.82 -0.25	35.47 1.07 0.00	27.32 0.85 -0.05	35.11 1.19 -0.99	37.54 1.18 -1.33	27.87 0.82 -0.25	22.83 0.49 0.00	24.87 0.50 -0.01	25.62 0.49 -0.65	26.35 0.51 -0.11	29.99 0.67 -0.64	37.22 0.96 -1.34	30.31 0.79 -0.96	33.72 1.08 -1.16	47.26 1.73 -2.65	64.27 2.35 -7.86	52.42 1.88 -8.95	49.54 1.84 -4.56	41.42 1.48 -2.09	43.69 1.37 -2.92	36.45 1.10 -1.56
FIBERTEK___ENERGY 23856	32.40 0.11 -2.39	40.27 0.08 -13.63	31.91 0.03 -4.73	27.06 0.03 -0.10	34.46 0.05 0.00	26.63 0.06 -0.15	35.72 -0.02 -2.81	39.17 0.05 -4.07	27.51 -0.05 -0.75	22.28 -0.07 0.00	24.32 -0.07 -0.02	26.38 -0.11 -2.01	25.99 -0.08 -0.34	30.64 -0.02 -1.98	39.15 0.11 -4.12	31.63 0.12 -2.95	34.90 0.14 -3.28	50.55 0.24 -7.43	76.65 0.56 -22.03	64.44 0.38 -22.46	56.04 0.21 -12.69	43.85 0.15 -5.85	47.76 0.16 -8.19	38.25 0.08 -4.38
FITZPATRICK___ 23598	29.23 -0.67 0.00	25.97 -0.59 0.00	26.52 -0.63 0.00	26.29 -0.64 0.00	33.61 -0.80 0.00	25.00 -0.62 0.79	17.21 -0.87 14.85	14.18 -0.93 19.93	22.37 -0.75 3.69	21.71 -0.62 0.01	23.57 -0.68 0.12	13.96 -0.70 9.82	23.34 -0.72 1.68	18.20 -0.77 9.70	13.88 -0.87 20.17	13.46 -0.69 14.41	13.34 -0.74 17.39	2.25 -0.98 39.65	-64.60 -1.10 117.55	-76.84 -0.89 117.55	-25.49 -1.02 67.60	5.70 -0.90 31.24	-5.25 -0.92 43.73	9.64 -0.80 23.35
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.28 1.21 -0.17	46.15 0.93 -18.66	28.08 0.93 0.00	27.80 0.87 0.00	36.69 1.18 -1.11	27.70 1.03 -0.25	34.53 1.43 -0.16	39.05 1.63 -2.38	28.22 1.41 0.00	23.60 1.25 0.00	25.75 1.38 0.00	26.05 1.56 0.00	27.34 1.61 0.00	30.26 1.58 0.00	36.78 1.86 0.00	30.09 1.54 0.00	33.18 1.70 0.00	45.24 2.36 0.00	56.86 2.81 0.00	43.64 2.04 0.00	45.01 1.88 0.00	39.51 1.66 0.00	41.09 1.69 0.00	35.29 1.50 0.00
FORT ORANGE___ 23900	29.89 0.16 0.17	11.63 0.12 15.05	27.39 0.24 0.00	27.15 0.23 0.00	33.76 0.25 0.89	26.48 0.26 0.20	33.22 0.42 0.13	33.56 0.43 1.91	27.18 0.38 0.00	22.61 0.27 0.00	24.58 0.21 0.00	24.76 0.27 0.00	25.88 0.14 0.00	28.82 0.14 0.00	35.00 0.08 0.00	28.62 0.07 0.00	31.51 0.03 0.00	42.91 0.04 0.00	54.26 0.21 0.00	41.86 0.26 0.00	43.42 0.29 0.00	38.13 0.28 0.00	39.62 0.22 0.00	34.00 0.21 0.00
FORT_DRUM_COGEN 23780	57.76 1.57 -26.29	177.54 1.18 -149.81	80.22 1.08 -51.99	29.06 1.04 -1.10	35.69 1.29 0.00	27.64 1.12 -0.10	36.53 1.74 -1.86	39.25 1.73 -2.47	28.34 1.07 -0.46	22.76 0.41 0.00	24.60 0.22 -0.02	25.85 0.15 -1.22	26.17 0.23 -0.21	30.26 0.38 -1.20	38.03 0.61 -2.50	30.98 0.63 -1.79	34.40 0.74 -2.18	49.26 1.41 -4.98	71.37 2.55 -14.76	63.52 2.46 -19.47	54.29 2.49 -8.67	43.67 1.90 -3.93	46.42 1.52 -5.49	38.01 1.29 -2.93
FOX_HILLS___ESR 323835	31.48 1.36 -0.22	47.59 1.06 -19.97	28.24 1.09 0.00	27.94 1.01 0.00	36.99 1.39 -1.19	27.99 1.30 -0.27	34.91 1.80 -0.18	39.65 2.06 -2.55	28.63 1.82 -0.01	23.90 1.55 0.00	26.00 1.63 0.00	26.21 1.72 0.00	27.51 1.77 0.00	30.64 1.96 0.00	37.21 2.28 -0.01	30.37 1.81 0.00	33.33 1.85 0.00	45.12 2.25 0.00	56.80 2.74 0.00	43.82 2.22 0.00	45.21 2.07 -0.01	39.74 1.89 -0.01	41.37 1.96 0.00	35.58 1.79 0.00
FPL_FAR_ROCK_GT1 24212	31.81 1.70 -0.22	47.87 1.34 -19.98	28.48 1.33 0.00	28.17 1.24 0.00	37.23 1.63 -1.18	28.12 1.43 -0.27	34.93 1.83 -0.17	39.61 2.03 -2.55	28.24 1.43 0.00	23.83 1.49 0.00	26.19 1.83 0.00	26.37 1.89 0.00	27.65 1.92 0.00	30.74 2.06 0.00	37.12 2.20 0.00	29.58 1.28 0.25	32.44 1.33 0.36	44.91 2.04 0.00	56.45 2.39 0.00	43.57 1.97 0.00	44.83 1.70 0.00	39.48 1.64 0.00	41.48 2.08 0.00	35.66 1.87 0.00
FPL_FAR_ROCK_GT2 23815	31.81 1.70 -0.22	47.87 1.34 -19.98	28.48 1.33 0.00	28.17 1.24 0.00	37.23 1.63 -1.18	28.12 1.43 -0.27	34.93 1.83 -0.17	39.61 2.03 -2.55	28.24 1.43 0.00	23.83 1.49 0.00	26.19 1.83 0.00	26.37 1.89 0.00	27.65 1.92 0.00	30.74 2.06 0.00	37.12 2.20 0.00	29.58 1.28 0.25	32.44 1.33 0.36	44.91 2.04 0.00	56.45 2.39 0.00	43.57 1.97 0.00	44.83 1.70 0.00	39.48 1.64 0.00	41.48 2.08 0.00	35.66 1.87 0.00
FRANKLIN_FALL_HYD 24054	66.25 0.75 -35.60	230.34 0.94 -202.84	98.45 0.91 -70.39	29.29 0.88 -1.49	35.47 1.06 0.00	27.29 0.87 0.00	34.17 1.23 0.00	36.35 1.31 0.00	27.69 0.88 0.00	22.99 0.65 0.00	25.11 0.74 0.00	25.20 0.71 0.00	26.52 0.78 0.00	29.47 0.79 0.00	35.81 0.90 0.00	29.26 0.70 0.00	32.36 0.89 0.00	44.06 1.18 0.00	55.39 1.34 0.00	49.17 1.21 -6.37	44.95 1.58 -0.24	39.16 1.32 0.00	40.96 1.55 0.00	35.15 1.37 0.00

GILBOA____ 23599	30.26 0.36 0.00	26.87 0.32 0.00	27.76 0.61 0.00	27.52 0.59 0.00	35.07 0.66 0.00	26.75 0.33 0.00	33.37 0.44 0.00	35.52 0.47 0.00	27.21 0.41 0.00	22.71 0.36 0.00	24.73 0.37 0.00	24.86 0.37 0.00	26.10 0.37 0.00	29.07 0.39 0.00	35.38 0.45 0.00	28.91 0.36 0.00	31.73 0.25 0.00	42.98 0.10 0.00	54.13 0.07 0.00	41.76 0.16 0.00	43.40 0.27 0.00	38.25 0.41 0.00	39.82 0.42 0.00	34.20 0.40 0.00
GINNA____ 23603	28.77 -1.12 0.00	25.64 -0.92 0.00	26.09 -1.06 0.00	25.85 -1.07 0.00	33.11 -1.30 0.00	25.52 -0.96 -0.06	32.48 -1.54 -1.09	34.85 -1.68 -1.49	25.76 -1.32 -0.28	21.26 -1.09 0.00	23.31 -1.06 -0.01	24.12 -1.10 -0.73	24.84 -1.02 -0.12	28.35 -1.05 -0.72	35.43 -0.99 -1.50	28.89 -0.74 -1.07	31.92 -0.83 -1.27	44.80 -0.96 -2.89	61.77 -0.85 -8.57	49.20 -0.96 -8.57	46.70 -1.36 -4.93	38.88 -1.24 -2.28	41.35 -1.24 -3.19	34.40 -1.09 -1.70
GLEN PARK____ 23778	56.51 1.73 -24.88	169.66 1.32 -141.78	77.57 1.22 -49.20	29.13 1.17 -1.04	35.86 1.46 0.00	27.78 1.26 -0.10	36.84 1.95 -1.95	39.60 1.97 -2.59	28.51 1.22 -0.48	22.81 0.46 0.00	24.60 0.22 -0.02	25.91 0.14 -1.28	26.18 0.23 -0.22	30.32 0.38 -1.26	38.18 0.64 -2.62	31.11 0.68 -1.87	34.53 0.76 -2.29	49.61 1.52 -5.22	72.44 2.91 -15.47	64.32 2.80 -19.93	55.02 2.82 -9.07	44.13 2.17 -4.11	46.94 1.78 -5.76	38.36 1.49 -3.08
GLENDALE_27_KV_LOAD 356172	31.39 1.27 -0.22	47.49 0.96 -19.97	28.13 0.97 0.00	27.81 0.89 0.00	36.80 1.21 -1.19	27.84 1.15 -0.27	34.75 1.65 -0.17	39.52 1.93 -2.55	28.57 1.76 0.00	23.94 1.59 0.00	26.07 1.71 0.00	26.22 1.73 0.00	27.51 1.78 0.00	30.63 1.95 0.00	37.19 2.27 0.00	30.37 1.82 0.00	33.34 1.86 0.00	45.17 2.30 0.00	56.68 2.62 0.00	43.68 2.09 0.00	45.09 1.95 0.00	39.65 1.80 0.00	41.24 1.84 0.00	35.47 1.68 0.00
GLENWOOD_IC_1_G5 23712	31.31 1.19 -0.22	47.44 0.91 -19.98	28.06 0.91 0.00	27.76 0.84 0.00	36.73 1.14 -1.18	27.70 1.01 -0.27	34.45 1.35 -0.17	39.25 1.66 -2.55	28.24 1.44 0.00	23.72 1.38 0.00	25.99 1.63 0.00	26.15 1.67 0.00	27.43 1.70 0.00	30.51 1.84 0.00	36.93 2.01 0.00	28.67 1.36 1.25	31.63 1.33 1.17	44.67 1.80 0.00	56.12 2.07 0.00	43.17 1.58 0.00	44.39 1.25 0.00	39.00 1.15 0.00	40.86 1.46 0.00	35.36 1.57 0.00
GLENWOOD_IC_2_G1 23688	31.20 1.08 -0.22	47.35 0.81 -19.98	27.97 0.81 0.00	27.68 0.75 0.00	36.62 1.02 -1.18	27.62 0.93 -0.27	34.38 1.28 -0.17	39.16 1.57 -2.55	28.16 1.36 0.00	23.64 1.29 0.00	25.85 1.49 0.00	26.01 1.52 0.00	27.28 1.55 0.00	30.36 1.68 0.00	36.77 1.85 0.00	29.87 1.32 0.01	32.80 1.33 0.01	44.56 1.69 0.00	56.00 1.94 0.00	43.18 1.59 0.00	44.51 1.37 0.00	39.15 1.30 0.00	40.92 1.52 0.00	35.22 1.43 0.00
GLENWOOD_IC_3_G1 23689	31.20 1.08 -0.22	47.35 0.81 -19.98	27.97 0.81 0.00	27.68 0.75 0.00	36.62 1.02 -1.18	27.62 0.93 -0.27	34.38 1.28 -0.17	39.16 1.57 -2.55	28.16 1.36 0.00	23.64 1.29 0.00	25.85 1.49 0.00	26.01 1.52 0.00	27.28 1.55 0.00	30.36 1.68 0.00	36.77 1.85 0.00	29.87 1.32 0.01	32.80 1.33 0.01	44.56 1.69 0.00	56.00 1.94 0.00	43.18 1.59 0.00	44.51 1.37 0.00	39.15 1.30 0.00	40.92 1.52 0.00	35.22 1.43 0.00
GLENWOOD____4 23550	31.31 1.19 -0.22	47.44 0.91 -19.98	28.06 0.91 0.00	27.76 0.84 0.00	36.73 1.14 -1.18	27.70 1.01 -0.27	34.45 1.35 -0.17	39.25 1.66 -2.55	28.24 1.44 0.00	23.72 1.38 0.00	25.99 1.63 0.00	26.15 1.67 0.00	27.43 1.70 0.00	30.51 1.84 0.00	36.93 2.01 0.00	28.67 1.36 1.25	31.66 1.36 1.17	44.67 1.80 0.00	56.13 2.07 0.00	43.22 1.63 0.00	44.46 1.33 0.00	39.09 1.25 0.00	40.95 1.55 0.00	35.36 1.57 0.00
GLENWOOD____5 23614	31.31 1.19 -0.22	47.44 0.91 -19.98	28.06 0.91 0.00	27.76 0.84 0.00	36.73 1.14 -1.18	27.70 1.01 -0.27	34.45 1.35 -0.17	39.25 1.66 -2.55	28.24 1.44 0.00	23.72 1.38 0.00	25.99 1.63 0.00	26.15 1.67 0.00	27.43 1.70 0.00	30.51 1.84 0.00	36.93 2.01 0.00	28.67 1.36 1.25	31.66 1.36 1.17	44.67 1.80 0.00	56.13 2.07 0.00	43.22 1.63 0.00	44.46 1.33 0.00	39.09 1.25 0.00	40.95 1.55 0.00	35.36 1.57 0.00
GLOBAL GREEN_PORT_GT1 23814	30.85 0.73 -0.22	47.08 0.55 -19.98	27.81 0.66 0.00	27.60 0.67 0.00	36.43 0.84 -1.18	27.47 0.78 -0.27	33.36 0.26 -0.17	38.86 1.27 -2.55	27.50 0.69 0.00	23.33 0.98 0.00	25.96 1.60 0.00	26.41 1.93 0.00	27.45 1.71 0.00	30.27 1.60 0.00	36.02 1.10 0.00	25.00 0.27 3.84	28.44 0.47 3.50	43.30 0.42 0.00	54.55 0.49 0.00	42.23 0.63 0.00	43.57 0.44 0.00	38.68 0.83 0.00	41.30 1.90 0.00	35.73 1.94 0.00
GLOBE____DSASP 323697	29.65 -0.24 0.00	26.72 0.16 0.00	26.99 -0.16 0.00	26.76 -0.17 0.00	34.31 -0.10 0.00	26.45 -0.03 -0.06	32.57 -1.49 -1.14	34.64 -1.95 -1.55	25.49 -1.60 -0.29	21.26 -1.09 0.00	23.50 -0.87 -0.01	24.24 -1.01 -0.76	25.09 -0.78 -0.13	28.63 -0.81 -0.75	35.91 -0.58 -1.57	29.35 -0.33 -1.12	32.34 -0.46 -1.33	45.05 -0.84 -3.02	62.25 -0.75 -8.95	49.25 -1.29 -8.95	46.38 -1.91 -5.15	38.92 -1.30 -2.38	42.20 -0.53 -3.33	35.48 -0.09 -1.78
GOETHSLN____LBMP 323567	31.07 0.95 -0.22	47.21 0.68 -19.97	27.83 0.68 0.00	27.54 0.62 0.00	36.48 0.88 -1.18	27.58 0.89 -0.27	34.44 1.34 -0.17	39.15 1.57 -2.55	28.26 1.45 0.00	23.68 1.33 0.00	25.80 1.43 0.00	25.90 1.42 0.00	27.19 1.45 0.00	30.28 1.60 0.00	36.76 1.84 0.00	30.04 1.49 0.00	32.97 1.49 0.00	44.67 1.79 0.00	56.05 2.00 0.00	43.20 1.61 0.00	44.57 1.44 0.00	39.19 1.35 0.00	40.76 1.36 0.00	35.08 1.29 0.00
GOLAH____69_KV_TB 1_2 80279	30.56 0.67 0.00	27.30 0.74 0.00	27.73 0.58 0.00	27.48 0.55 0.00	35.18 0.77 0.00	27.26 0.78 -0.06	34.26 0.21 -1.12	36.64 0.06 -1.53	27.08 -0.02 -0.28	22.35 0.01 0.00	24.50 0.13 -0.01	25.32 0.07 -0.75	26.14 0.27 -0.13	29.84 0.42 -0.74	37.33 0.86 -1.55	30.50 0.83 -1.11	33.67 0.88 -1.31	47.17 1.32 -2.98	65.09 2.20 -8.83	51.79 1.36 -8.83	49.13 0.92 -5.08	41.00 0.81 -2.35	43.78 1.10 -3.28	36.56 1.02 -1.76
GOODYEAR_LAKE_HYD 323669	30.71 0.81 0.00	27.23 0.68 0.00	27.90 0.75 0.00	27.69 0.77 0.00	35.39 0.99 0.00	27.17 0.71 -0.03	34.43 0.91 -0.59	36.88 1.02 -0.81	27.65 0.69 -0.15	22.92 0.58 0.00	25.02 0.65 -0.01	25.50 0.62 -0.40	26.47 0.67 -0.07	29.87 0.80 -0.39	36.86 1.12 -0.82	30.08 0.94 -0.58	33.21 1.03 -0.70	45.91 1.45 -1.58	60.76 2.01 -4.70	47.85 1.56 -4.70	47.31 1.47 -2.70	40.37 1.28 -1.25	42.43 1.28 -1.75	35.76 1.04 -0.93
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.17 0.28 0.00	26.83 0.28 0.00	27.29 0.14 0.00	27.10 0.17 0.00	34.63 0.22 0.00	26.72 0.23 -0.08	34.47 0.12 -1.43	37.14 0.16 -1.94	27.20 0.03 -0.36	22.45 0.11 0.00	24.50 0.12 -0.01	25.49 0.05 -0.95	25.99 0.09 -0.16	29.79 0.17 -0.94	37.23 0.36 -1.96	30.28 0.32 -1.40	33.49 0.35 -1.67	47.16 0.48 -3.80	66.13 0.81 -11.27	53.43 0.57 -11.27	49.94 0.33 -6.48	41.21 0.37 -2.99	44.04 0.44 -4.19	36.33 0.30 -2.24

GOUDEY___7 23579	30.17 0.28 0.00	26.83 0.28 0.00	27.29 0.14 0.00	27.10 0.17 0.00	34.63 0.22 0.00	26.72 0.23 -0.08	34.47 0.12 -1.43	37.14 0.16 -1.94	27.20 0.03 -0.36	22.45 0.11 0.00	24.50 0.12 -0.01	25.49 0.05 -0.95	25.99 0.09 -0.16	29.79 0.17 -0.94	37.23 0.36 -1.96	30.28 0.32 -1.40	33.49 0.35 -1.67	47.16 0.48 -3.80	66.13 0.81 -11.27	53.43 0.57 -11.27	49.94 0.33 -6.48	41.21 0.37 -2.99	44.04 0.44 -4.19	36.33 0.30 -2.24
GOUDEY___8 23580	30.17 0.28 0.00	26.83 0.28 0.00	27.29 0.14 0.00	27.10 0.17 0.00	34.63 0.22 0.00	26.72 0.23 -0.08	34.47 0.12 -1.43	37.14 0.16 -1.94	27.20 0.03 -0.36	22.45 0.11 0.00	24.50 0.12 -0.01	25.49 0.05 -0.95	25.99 0.09 -0.16	29.79 0.17 -0.94	37.23 0.36 -1.96	30.28 0.32 -1.40	33.49 0.35 -1.67	47.16 0.48 -3.80	66.13 0.81 -11.27	53.43 0.57 -11.27	49.94 0.33 -6.48	41.21 0.37 -2.99	44.04 0.44 -4.19	36.33 0.30 -2.24
GOWANUS_GT1_1 24077	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT1_2 24078	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT1_3 24079	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT1_4 24080	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT1_5 24084	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT1_6 24111	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT1_7 24112	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT1_8 24113	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT2_1 24114	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT2_2 24115	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT2_3 24116	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT2_4 24117	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT2_5 24118	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00

GOWANUS_GT2_6 24119	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT2_7 24120	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT2_8 24121	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT3_1 24122	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT3_2 24123	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT3_3 24124	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT3_4 24125	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT3_5 24126	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT3_6 24127	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT3_7 24128	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT3_8 24129	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT4_1 24130	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT4_2 24131	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT4_3 24132	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT4_4 24133	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00

GOWANUS_GT4_5 24134	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT4_6 24135	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT4_7 24136	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GOWANUS_GT4_8 24137	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GREATVRV_69_KV_BK1 356245	31.49 1.37 -0.22	47.55 1.01 -19.98	28.19 1.03 0.00	27.88 0.95 0.00	36.78 1.18 -1.18	27.76 1.08 -0.27	34.37 1.27 -0.17	39.57 1.98 -2.55	28.23 1.42 0.00	23.83 1.48 0.00	26.27 1.90 0.00	26.52 2.04 0.00	27.76 2.03 0.00	30.84 2.16 0.00	37.10 2.18 0.00	26.02 3.71 0.00	29.31 1.17 3.39	44.53 1.66 0.00	56.06 2.01 0.00	43.35 1.75 0.00	44.53 1.40 0.00	39.29 1.44 0.00	41.54 2.14 0.00	35.74 1.95 0.00
GREENBSH_115KV_TB3 55895	29.79 0.06 0.17	11.54 0.04 15.05	27.30 0.15 0.00	27.07 0.14 0.00	33.65 0.13 0.89	26.39 0.17 0.20	33.10 0.29 0.13	33.43 0.30 1.91	27.12 0.31 0.00	22.61 0.26 0.00	24.58 0.21 0.00	24.75 0.26 0.00	25.87 0.14 0.00	28.77 0.09 0.00	34.94 0.02 0.00	28.57 0.01 0.00	31.44 -0.04 0.00	42.73 -0.14 0.00	53.90 -0.15 0.00	41.54 -0.06 0.00	43.11 -0.03 0.00	37.87 0.03 0.00	39.38 -0.03 0.00	33.81 0.02 0.00
GREENDGE_115KV_TB5 80291	30.69 0.79 0.00	27.32 0.77 0.00	27.66 0.51 0.00	27.48 0.56 0.00	35.17 0.76 0.00	27.25 0.73 -0.10	35.42 0.69 -1.80	38.30 0.78 -2.48	27.64 0.37 -0.46	22.59 0.25 0.00	24.56 0.18 -0.02	25.74 0.03 -1.22	26.04 0.09 -0.21	30.08 0.19 -1.21	37.95 0.52 -2.51	30.90 0.54 -1.79	34.44 0.85 -2.11	48.88 1.21 -4.80	70.65 2.37 -14.22	57.66 1.84 -14.22	52.76 1.44 -8.18	42.87 1.24 -3.78	46.03 1.34 -5.29	37.62 1.01 -2.83
GREENIDGE___3 23582	30.69 0.79 0.00	27.32 0.77 0.00	27.66 0.51 0.00	27.48 0.56 0.00	35.17 0.76 0.00	27.25 0.73 -0.10	35.42 0.69 -1.80	38.30 0.78 -2.48	27.64 0.37 -0.46	22.59 0.25 0.00	24.56 0.18 -0.02	25.74 0.03 -1.22	26.04 0.09 -0.21	30.08 0.19 -1.21	37.95 0.52 -2.51	30.90 0.54 -1.79	34.44 0.85 -2.11	48.88 1.21 -4.80	70.65 2.37 -14.22	57.66 1.84 -14.22	52.76 1.44 -8.18	42.87 1.24 -3.78	46.03 1.34 -5.29	37.62 1.01 -2.83
GREENIDGE___4 23583	30.69 0.79 0.00	27.33 0.77 0.00	27.66 0.51 0.00	27.48 0.56 0.00	35.17 0.76 0.00	27.25 0.74 -0.10	35.41 0.68 -1.80	38.29 0.77 -2.48	27.64 0.37 -0.46	22.59 0.25 0.00	24.56 0.18 -0.02	25.74 0.03 -1.22	26.03 0.09 -0.21	30.08 0.20 -1.21	37.95 0.52 -2.51	30.89 0.54 -1.79	34.43 0.85 -2.11	48.88 1.21 -4.80	70.67 2.39 -14.22	57.66 1.84 -14.22	52.76 1.45 -8.18	42.87 1.25 -3.78	46.03 1.34 -5.29	37.62 1.00 -2.83
GREENLWN_69_KV_BK 3 55738	30.96 0.84 -0.22	47.11 0.58 -19.98	27.73 0.58 0.00	27.44 0.51 0.00	36.27 0.67 -1.18	27.32 0.63 -0.27	33.76 0.66 -0.17	38.64 1.05 -2.55	27.72 0.92 0.00	23.40 1.05 0.00	25.81 1.45 0.00	26.02 1.54 0.00	27.28 1.54 0.00	30.30 1.62 0.00	36.35 1.43 0.00	25.29 0.47 3.75	28.51 0.45 3.42	43.42 0.54 0.00	54.57 0.51 0.00	42.18 0.59 0.00	43.39 0.26 0.00	38.28 0.43 0.00	40.62 1.22 0.00	35.05 1.27 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
GRISSOM___SOLAR 323813	31.04 1.28 0.13	15.82 1.10 11.84	28.26 1.11 0.00	28.01 1.09 0.00	35.13 1.43 0.70	27.35 1.09 0.16	34.32 1.49 0.10	35.14 1.61 1.51	27.65 0.85 0.00	22.57 0.22 0.00	24.25 -0.11 0.00	24.44 -0.05 0.00	25.51 -0.22 0.00	28.58 -0.10 0.00	34.91 -0.01 0.00	28.45 -0.11 0.00	31.55 0.07 0.00	43.92 1.05 0.00	56.47 2.42 0.00	43.78 2.18 0.00	45.35 2.22 0.00	39.66 1.82 0.00	41.17 1.77 0.00	35.28 1.49 0.00
GROVEVILLE___HYD 323602	31.28 1.21 -0.17	46.15 0.93 -18.66	28.08 0.93 0.00	27.80 0.87 0.00	36.69 1.18 -1.11	27.70 1.03 -0.25	34.53 1.43 -0.16	39.05 1.63 -2.38	28.22 1.41 0.00	23.60 1.25 0.00	25.75 1.38 0.00	26.05 1.56 0.00	27.34 1.61 0.00	30.26 1.58 0.00	36.78 1.86 0.00	30.09 1.54 0.00	33.18 1.70 0.00	45.24 2.36 0.00	56.86 2.81 0.00	43.64 2.04 0.00	45.01 1.88 0.00	39.51 1.66 0.00	41.09 1.69 0.00	35.29 1.50 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.40 0.11 -2.39	40.27 0.08 -13.63	31.91 0.03 -4.73	27.06 0.03 -0.10	34.46 0.05 0.00	26.63 0.06 -0.15	35.72 -0.02 -2.81	39.17 0.05 -4.07	27.51 -0.05 -0.75	22.28 -0.07 0.00	24.32 -0.07 -0.02	26.38 -0.11 -2.01	25.99 -0.08 -0.34	30.64 -0.02 -1.98	39.15 0.11 -4.12	31.63 0.12 -2.95	34.90 0.14 -3.28	50.55 0.24 -7.43	76.65 0.56 -22.03	64.44 0.38 -22.46	56.04 0.21 -12.69	43.85 0.15 -5.85	47.76 0.16 -8.19	38.25 0.08 -4.38
HAMLTNNY_34_KV_TB 80303	32.22 0.25 -2.07	38.59 0.24 -11.79	31.40 0.16 -4.09	27.14 0.13 -0.09	34.59 0.19 0.00	26.76 0.19 -0.14	35.73 0.06 -2.74	38.89 0.02 -3.84	27.42 -0.10 -0.71	22.22 -0.13 0.00	24.28 -0.10 -0.02	26.24 -0.14 -1.89	25.97 -0.09 -0.32	30.51 -0.03 -1.87	39.00 0.20 -3.88	31.57 0.24 -2.77	34.99 0.31 -3.20	50.62 0.48 -7.28	76.56 0.95 -21.57	64.19 0.66 -21.94	55.95 0.40 -12.42	43.87 0.29 -5.73	47.86 0.43 -8.02	38.41 0.33 -4.29

HAMPSHIRE___PAPER_HYD 323593	97.23 0.87 -66.47	406.04 0.74 -378.74	159.25 0.66 -131.43	30.34 0.65 -2.77	35.22 0.81 0.00	27.14 0.67 -0.04	34.85 1.09 -0.83	37.17 1.03 -1.10	27.62 0.60 -0.20	22.57 0.22 0.00	24.56 0.19 -0.01	25.20 0.17 -0.54	26.04 0.21 -0.09	29.54 0.33 -0.54	36.48 0.45 -1.11	29.72 0.37 -0.79	33.02 0.57 -0.97	46.11 1.02 -2.22	61.89 1.26 -6.57	61.39 1.34 -18.46	48.87 1.51 -4.23	40.67 1.08 -1.75	42.83 0.99 -2.45	35.91 0.82 -1.31
HARDSCRABBLE_WT_PWR 323673	32.69 0.44 -2.35	40.25 0.30 -13.40	32.21 0.41 -4.65	27.47 0.45 -0.10	34.91 0.51 0.00	26.82 0.40 0.00	33.63 0.70 0.00	35.79 0.74 0.00	27.22 0.41 0.00	22.42 0.08 0.00	24.24 -0.13 0.00	24.39 -0.10 0.00	25.48 -0.26 0.00	28.44 -0.24 0.00	34.70 -0.22 0.00	28.38 -0.18 0.00	31.41 -0.07 0.00	43.10 0.22 0.00	54.79 0.74 0.00	42.87 0.85 -0.42	43.93 0.77 -0.02	38.52 0.67 0.00	39.99 0.58 0.00	34.19 0.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.07 0.99 -0.19	44.42 0.73 -17.13	27.87 0.72 0.00	27.59 0.66 0.00	36.35 0.93 -1.02	27.49 0.84 -0.23	34.31 1.23 -0.15	38.65 1.42 -2.18	28.02 1.22 0.00	23.44 1.09 0.00	25.56 1.19 0.00	25.72 1.23 0.00	27.02 1.28 0.00	30.12 1.44 0.00	36.68 1.76 0.00	29.99 1.43 0.00	32.96 1.48 0.00	44.76 1.89 0.00	56.27 2.21 0.00	43.38 1.79 0.00	44.74 1.61 0.00	39.28 1.43 0.00	40.86 1.46 0.00	35.05 1.26 0.00
HARSNRAD_115KV_TB1 81005	29.92 0.02 0.00	26.97 0.42 0.00	27.25 0.10 0.00	27.01 0.09 0.00	34.64 0.24 0.00	26.73 0.25 -0.06	32.91 -1.16 -1.14	35.16 -1.45 -1.56	25.95 -1.14 -0.29	21.59 -0.76 0.00	23.82 -0.55 -0.01	24.59 -0.67 -0.77	25.43 -0.44 -0.13	29.04 -0.39 -0.76	36.41 -0.09 -1.58	29.79 0.10 -1.13	32.83 0.02 -1.33	45.87 -0.04 -3.04	63.66 0.59 -9.01	50.40 -0.20 -9.01	47.52 -0.80 -5.18	39.79 -0.45 -2.39	42.91 0.16 -3.35	36.15 0.57 -1.79
HARZA MOOSE___RIVER 24016	49.62 1.06 -18.67	133.72 0.79 -106.37	64.83 0.76 -36.91	28.44 0.73 -0.78	35.37 0.97 0.00	27.25 0.79 -0.04	34.93 1.22 -0.78	37.20 1.12 -1.03	27.74 0.74 -0.19	22.72 0.37 0.00	24.70 0.33 -0.01	25.31 0.31 -0.51	26.17 0.34 -0.09	29.66 0.48 -0.50	36.65 0.68 -1.05	29.89 0.59 -0.75	33.17 0.79 -0.91	46.31 1.36 -2.07	62.14 1.93 -6.15	52.80 1.71 -9.49	48.54 1.75 -3.66	40.85 1.37 -1.63	42.87 1.18 -2.29	36.01 0.99 -1.22
HDSNBRDG_115KV_BRDG_TB1 355580	32.58 -0.07 -2.75	42.16 -0.07 -15.67	32.46 -0.13 -5.44	26.91 -0.13 -0.11	34.26 -0.15 0.00	26.43 -0.10 -0.11	34.69 -0.25 -2.01	37.47 -0.26 -2.69	27.05 -0.26 -0.50	22.13 -0.22 0.00	24.15 -0.23 -0.02	25.55 -0.26 -1.33	25.74 -0.23 -0.22	29.80 -0.18 -1.31	37.54 -0.10 -2.72	30.46 -0.05 -1.94	33.79 -0.04 -2.35	48.23 -0.01 -5.36	70.15 0.20 -15.90	58.07 0.09 -16.39	52.21 -0.08 -9.16	41.98 -0.09 -4.23	45.20 -0.11 -5.91	36.81 -0.14 -3.16
HELLGATE_13_KV_LD 55870	31.42 1.31 -0.22	47.51 0.98 -19.97	28.17 1.02 0.00	27.84 0.92 0.00	36.82 1.23 -1.19	27.86 1.17 -0.27	34.78 1.68 -0.17	39.56 1.97 -2.55	28.61 1.80 0.00	23.97 1.62 0.00	26.10 1.74 0.00	26.25 1.76 0.00	27.54 1.80 0.00	30.66 1.98 0.00	37.22 2.31 0.00	30.40 1.85 0.00	33.37 1.90 0.00	45.20 2.33 0.00	56.72 2.66 0.00	43.72 2.13 0.00	45.13 2.00 0.00	39.68 1.84 0.00	41.29 1.88 0.00	35.51 1.71 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.42 1.31 -0.22	47.51 0.98 -19.97	28.17 1.02 0.00	27.84 0.92 0.00	36.82 1.23 -1.19	27.86 1.17 -0.27	34.78 1.68 -0.17	39.56 1.97 -2.55	28.61 1.80 0.00	23.97 1.62 0.00	26.10 1.74 0.00	26.25 1.76 0.00	27.54 1.80 0.00	30.66 1.98 0.00	37.22 2.31 0.00	30.40 1.85 0.00	33.37 1.90 0.00	45.20 2.33 0.00	56.72 2.66 0.00	43.72 2.13 0.00	45.13 2.00 0.00	39.68 1.84 0.00	41.29 1.88 0.00	35.51 1.71 0.00
HEMPSTEAD___ 23647	31.10 0.98 -0.22	47.25 0.72 -19.98	27.87 0.72 0.00	27.57 0.65 0.00	36.46 0.87 -1.18	27.50 0.81 -0.27	34.13 1.03 -0.17	39.00 1.41 -2.55	27.99 1.19 0.00	23.55 1.21 0.00	25.85 1.49 0.00	26.03 1.55 0.00	27.30 1.56 0.00	30.34 1.66 0.00	36.65 1.72 0.00	27.70 1.02 1.88	30.74 1.01 1.76	44.18 1.31 0.00	55.52 1.47 0.00	42.85 1.25 0.00	44.08 0.95 0.00	38.81 0.96 0.00	40.79 1.39 0.00	35.16 1.37 0.00
HICKLING___1 23621	30.36 0.47 0.00	27.08 0.52 0.00	27.32 0.16 0.00	27.17 0.24 0.00	34.74 0.34 0.00	26.93 0.43 -0.08	34.65 0.21 -1.51	37.33 0.23 -2.06	27.19 0.00 -0.38	22.43 0.08 0.00	24.47 0.10 -0.01	25.46 -0.04 -1.01	25.96 0.05 -0.17	29.84 0.16 -1.00	37.47 0.47 -2.08	30.52 0.47 -1.49	33.79 0.56 -1.76	47.69 0.80 -4.02	67.54 1.58 -11.90	54.59 1.09 -11.90	50.63 0.65 -6.84	41.65 0.64 -3.16	44.63 0.80 -4.43	36.72 0.57 -2.37
HICKLING___2 23622	30.36 0.47 0.00	27.08 0.52 0.00	27.32 0.16 0.00	27.17 0.24 0.00	34.74 0.34 0.00	26.93 0.43 -0.08	34.65 0.21 -1.51	37.33 0.23 -2.06	27.19 0.00 -0.38	22.43 0.08 0.00	24.47 0.10 -0.01	25.46 -0.04 -1.01	25.96 0.05 -0.17	29.84 0.16 -1.00	37.47 0.47 -2.08	30.52 0.47 -1.49	33.79 0.56 -1.76	47.69 0.80 -4.02	67.54 1.58 -11.90	54.59 1.09 -11.90	50.63 0.65 -6.84	41.65 0.64 -3.16	44.63 0.80 -4.43	36.72 0.57 -2.37
HIGH FALLS___HY 23754	31.30 1.30 -0.11	40.03 0.96 -12.51	28.05 0.90 0.00	27.77 0.84 0.00	36.27 1.12 -0.74	27.56 0.97 -0.17	34.40 1.37 -0.11	38.24 1.61 -1.59	28.31 1.50 0.00	23.69 1.34 0.00	25.75 1.38 0.00	25.75 1.27 0.00	26.99 1.25 0.00	30.03 1.36 0.00	36.50 1.58 0.00	29.89 1.33 0.00	32.99 1.51 0.00	44.92 2.04 0.00	56.62 2.56 0.00	43.69 2.10 0.00	45.07 1.94 0.00	39.55 1.70 0.00	41.11 1.70 0.00	35.22 1.43 0.00
HIGH_RIVER___SOLAR 323847	30.62 0.86 0.14	14.58 0.72 12.70	27.91 0.76 0.00	27.68 0.75 0.00	34.63 0.98 0.75	26.99 0.74 0.17	33.82 0.99 0.11	34.47 1.04 1.61	27.38 0.58 0.00	22.51 0.16 0.00	24.36 0.00 0.00	24.48 -0.01 0.00	25.73 -0.01 0.00	28.71 0.03 0.00	34.91 -0.01 0.00	28.49 -0.07 0.00	31.54 0.06 0.00	43.55 0.67 0.00	55.45 1.40 0.00	42.90 1.31 0.00	44.46 1.33 0.00	38.97 1.13 0.00	40.51 1.11 0.00	34.75 0.96 0.00
HILLBURN___GT 23639	31.00 0.91 -0.19	44.81 0.66 -17.60	27.79 0.64 0.00	27.51 0.58 0.00	36.29 0.84 -1.04	27.45 0.79 -0.23	34.28 1.20 -0.15	38.67 1.38 -2.24	28.00 1.19 0.00	23.44 1.09 0.00	25.57 1.20 0.00	25.71 1.22 0.00	27.01 1.28 0.00	30.12 1.44 0.00	36.65 1.73 0.00	29.93 1.37 0.00	32.86 1.38 0.00	44.61 1.73 0.00	56.06 2.01 0.00	43.25 1.65 0.00	44.57 1.44 0.00	39.14 1.29 0.00	40.74 1.34 0.00	35.01 1.22 0.00
HILLSIDE_115KV_TB1 80332	29.92 0.03 0.00	26.68 0.12 0.00	26.92 -0.23 0.00	26.78 -0.14 0.00	34.23 -0.18 0.00	26.51 0.01 -0.08	34.16 -0.28 -1.50	36.84 -0.25 -2.05	26.83 -0.36 -0.38	22.19 -0.16 0.00	24.22 -0.16 -0.01	25.20 -0.30 -1.01	25.69 -0.22 -0.17	29.52 -0.16 -1.00	37.01 0.02 -2.07	30.11 0.07 -1.48	33.33 0.09 -1.76	47.02 0.14 -4.00	66.47 0.54 -11.87	53.78 0.31 -11.87	49.86 -0.10 -6.83	41.02 0.03 -3.16	43.95 0.13 -4.42	36.14 -0.01 -2.36

HISHELDN_WT_PWR 323625	30.02 0.12 0.00	26.95 0.40 0.00	27.21 0.06 0.00	27.02 0.09 0.00	34.64 0.23 0.00	26.79 0.30 -0.07	33.48 -0.68 -1.24	35.87 -0.86 -1.69	26.37 -0.74 -0.31	21.84 -0.51 0.00	24.00 -0.38 -0.01	24.84 -0.48 -0.83	25.59 -0.29 -0.14	29.26 -0.24 -0.82	36.71 0.08 -1.71	30.01 0.23 -1.22	33.17 0.25 -1.44	46.48 0.32 -3.29	64.95 1.15 -9.75	51.77 0.42 -9.75	48.60 -0.15 -5.61	40.51 0.08 -2.59	43.58 0.54 -3.63	36.37 0.65 -1.94
HOLTSVILLE_IC_1 23690	30.98 0.86 -0.22	47.09 0.56 -19.98	27.75 0.60 0.00	27.45 0.53 0.00	36.20 0.61 -1.18	27.30 0.61 -0.27	33.75 0.64 -0.17	39.02 1.43 -2.55	27.71 0.91 0.00	23.39 1.04 0.00	25.79 1.42 0.00	26.05 1.56 0.00	27.27 1.54 0.00	30.24 1.56 0.00	36.36 1.44 0.00	25.29 0.57 3.84	28.52 0.55 3.51	43.55 0.68 0.00	54.79 0.73 0.00	42.39 0.80 0.00	43.59 0.45 0.00	38.49 0.64 0.00	40.77 1.36 0.00	35.13 1.34 0.00
HOLTSVILLE_IC_10 23699	31.12 1.00 -0.22	47.21 0.68 -19.98	27.86 0.71 0.00	27.57 0.64 0.00	36.34 0.74 -1.18	27.42 0.73 -0.27	33.91 0.81 -0.17	39.19 1.61 -2.55	27.86 1.05 0.00	23.51 1.16 0.00	25.93 1.57 0.00	26.19 1.71 0.00	27.43 1.69 0.00	30.43 1.75 0.00	36.58 1.66 0.00	25.49 0.74 3.81	28.74 0.75 3.48	43.84 0.96 0.00	55.17 1.12 0.00	42.68 1.09 0.00	43.88 0.74 0.00	38.72 0.87 0.00	41.00 1.60 0.00	35.31 1.52 0.00
HOLTSVILLE_IC_2 23691	30.98 0.86 -0.22	47.09 0.56 -19.98	27.75 0.60 0.00	27.45 0.53 0.00	36.20 0.61 -1.18	27.30 0.61 -0.27	33.75 0.64 -0.17	39.02 1.43 -2.55	27.71 0.91 0.00	23.39 1.04 0.00	25.79 1.42 0.00	26.05 1.56 0.00	27.27 1.54 0.00	30.24 1.56 0.00	36.36 1.44 0.00	25.29 0.57 3.84	28.52 0.55 3.51	43.55 0.68 0.00	54.79 0.73 0.00	42.39 0.80 0.00	43.59 0.45 0.00	38.49 0.64 0.00	40.77 1.36 0.00	35.13 1.34 0.00
HOLTSVILLE_IC_3 23692	30.98 0.86 -0.22	47.09 0.56 -19.98	27.75 0.60 0.00	27.45 0.53 0.00	36.20 0.61 -1.18	27.30 0.61 -0.27	33.75 0.64 -0.17	39.02 1.43 -2.55	27.71 0.91 0.00	23.39 1.04 0.00	25.79 1.42 0.00	26.05 1.56 0.00	27.27 1.54 0.00	30.24 1.56 0.00	36.36 1.44 0.00	25.29 0.57 3.84	28.52 0.55 3.51	43.55 0.68 0.00	54.79 0.73 0.00	42.39 0.80 0.00	43.59 0.45 0.00	38.49 0.64 0.00	40.77 1.36 0.00	35.13 1.34 0.00
HOLTSVILLE_IC_4 23693	30.98 0.86 -0.22	47.09 0.56 -19.98	27.75 0.60 0.00	27.45 0.53 0.00	36.20 0.61 -1.18	27.30 0.61 -0.27	33.75 0.64 -0.17	39.02 1.43 -2.55	27.71 0.91 0.00	23.39 1.04 0.00	25.79 1.42 0.00	26.05 1.56 0.00	27.27 1.54 0.00	30.24 1.56 0.00	36.36 1.44 0.00	25.29 0.57 3.84	28.52 0.55 3.51	43.55 0.68 0.00	54.79 0.73 0.00	42.39 0.80 0.00	43.59 0.45 0.00	38.49 0.64 0.00	40.77 1.36 0.00	35.13 1.34 0.00
HOLTSVILLE_IC_5 23694	30.98 0.86 -0.22	47.09 0.56 -19.98	27.75 0.60 0.00	27.45 0.53 0.00	36.20 0.61 -1.18	27.30 0.61 -0.27	33.75 0.64 -0.17	39.02 1.43 -2.55	27.71 0.91 0.00	23.39 1.04 0.00	25.79 1.42 0.00	26.05 1.56 0.00	27.27 1.54 0.00	30.24 1.56 0.00	36.36 1.44 0.00	25.29 0.57 3.84	28.52 0.55 3.51	43.55 0.68 0.00	54.79 0.73 0.00	42.39 0.80 0.00	43.59 0.45 0.00	38.49 0.64 0.00	40.77 1.36 0.00	35.13 1.34 0.00
HOLTSVILLE_IC_6 23695	31.12 1.00 -0.22	47.21 0.68 -19.98	27.86 0.71 0.00	27.57 0.64 0.00	36.34 0.74 -1.18	27.42 0.73 -0.27	33.91 0.81 -0.17	39.19 1.61 -2.55	27.86 1.05 0.00	23.51 1.16 0.00	25.93 1.57 0.00	26.19 1.71 0.00	27.43 1.69 0.00	30.43 1.75 0.00	36.58 1.66 0.00	25.49 0.74 3.81	28.74 0.75 3.48	43.84 0.96 0.00	55.17 1.12 0.00	42.68 1.09 0.00	43.88 0.74 0.00	38.72 0.87 0.00	41.00 1.60 0.00	35.31 1.52 0.00
HOLTSVILLE_IC_7 23696	31.12 1.00 -0.22	47.21 0.68 -19.98	27.86 0.71 0.00	27.57 0.64 0.00	36.34 0.74 -1.18	27.42 0.73 -0.27	33.91 0.81 -0.17	39.19 1.61 -2.55	27.86 1.05 0.00	23.51 1.16 0.00	25.93 1.57 0.00	26.19 1.71 0.00	27.43 1.69 0.00	30.43 1.75 0.00	36.58 1.66 0.00	25.49 0.74 3.81	28.74 0.75 3.48	43.84 0.96 0.00	55.17 1.12 0.00	42.68 1.09 0.00	43.88 0.74 0.00	38.72 0.87 0.00	41.00 1.60 0.00	35.31 1.52 0.00
HOLTSVILLE_IC_8 23697	31.12 1.00 -0.22	47.21 0.68 -19.98	27.86 0.71 0.00	27.57 0.64 0.00	36.34 0.74 -1.18	27.42 0.73 -0.27	33.91 0.81 -0.17	39.19 1.61 -2.55	27.86 1.05 0.00	23.51 1.16 0.00	25.93 1.57 0.00	26.19 1.71 0.00	27.43 1.69 0.00	30.43 1.75 0.00	36.58 1.66 0.00	25.49 0.74 3.81	28.74 0.75 3.48	43.84 0.96 0.00	55.17 1.12 0.00	42.68 1.09 0.00	43.88 0.74 0.00	38.72 0.87 0.00	41.00 1.60 0.00	35.31 1.52 0.00
HOLTSVILLE_IC_9 23698	31.12 1.00 -0.22	47.21 0.68 -19.98	27.86 0.71 0.00	27.57 0.64 0.00	36.34 0.74 -1.18	27.42 0.73 -0.27	33.91 0.81 -0.17	39.19 1.61 -2.55	27.86 1.05 0.00	23.51 1.16 0.00	25.93 1.57 0.00	26.19 1.71 0.00	27.43 1.69 0.00	30.43 1.75 0.00	36.58 1.66 0.00	25.49 0.74 3.81	28.74 0.75 3.48	43.84 0.96 0.00	55.17 1.12 0.00	42.68 1.09 0.00	43.88 0.74 0.00	38.72 0.87 0.00	41.00 1.60 0.00	35.31 1.52 0.00
HOMER_HL_115KV_TB2 355744	30.22 0.32 0.00	27.01 0.46 0.00	27.25 0.10 0.00	27.07 0.14 0.00	34.78 0.38 0.00	26.91 0.42 -0.06	33.87 -0.26 -1.20	36.62 -0.06 -1.64	26.90 -0.22 -0.30	22.38 0.04 0.00	24.60 0.22 -0.01	25.41 0.12 -0.81	26.17 0.30 -0.14	29.75 0.28 -0.80	37.49 0.92 -1.66	30.26 0.52 -1.18	33.22 0.35 -1.40	46.35 0.28 -3.19	64.45 0.93 -9.47	51.45 0.38 -9.47	48.27 -0.31 -5.45	40.62 0.26 -2.52	43.78 0.86 -3.52	36.39 0.72 -1.88
HOWARD_WT_PWR 323690	30.41 0.51 0.00	27.10 0.55 0.00	27.31 0.16 0.00	27.28 0.35 0.00	35.03 0.62 0.00	27.15 0.65 -0.08	34.65 0.22 -1.50	37.27 0.17 -2.06	27.18 -0.01 -0.38	22.26 -0.09 0.00	24.27 -0.11 -0.01	25.28 -0.22 -1.01	25.80 -0.10 -0.17	29.63 -0.05 -1.00	37.29 0.29 -2.08	30.49 0.44 -1.49	33.83 0.59 -1.76	47.78 0.90 -4.00	68.18 2.26 -11.87	54.98 1.52 -11.87	51.00 1.05 -6.83	41.98 0.99 -3.16	45.12 1.30 -4.42	37.23 1.08 -2.36
HQ_GEN_CEDARS 23644	166.73 0.22 -136.62	805.38 0.37 -778.46	297.58 0.29 -270.14	32.93 0.31 -5.70	34.79 0.38 0.00	26.69 0.28 0.00	33.36 0.43 0.00	35.47 0.43 0.00	27.01 0.21 0.00	22.44 0.09 0.00	24.53 0.17 0.00	24.66 0.17 0.00	25.95 0.21 0.00	28.91 0.23 0.00	35.18 0.26 0.00	28.76 0.20 0.00	31.82 0.35 0.00	43.47 0.59 0.00	54.48 0.42 0.00	66.46 0.42 -24.44	44.77 0.72 -0.92	38.32 0.48 0.00	39.94 0.54 0.00	34.21 0.42 0.00
HQ_GEN_CEDARS_PROXY 323590	166.73 0.22 -136.62	805.38 0.37 -778.46	297.58 0.29 -270.14	32.93 0.31 -5.70	34.78 0.38 0.00	26.69 0.28 0.00	33.36 0.43 0.00	35.47 0.43 0.00	27.01 0.21 0.00	22.44 0.09 0.00	24.53 0.17 0.00	24.66 0.17 0.00	25.95 0.21 0.00	28.91 0.23 0.00	35.18 0.26 0.00	28.76 0.20 0.00	31.82 0.35 0.00	43.47 0.59 0.00	54.47 0.42 0.00	66.46 0.42 -24.44	44.77 0.72 -0.92	38.30 0.48 0.02	39.94 0.54 0.00	34.21 0.42 0.00

HQ_GEN_IMPORT 323601	24.69 -0.07 5.13	-2.70 -0.01 29.25	16.79 -0.04 10.32	26.69 -0.03 0.21	34.38 -0.03 0.00	26.38 -0.04 0.00	32.90 -0.03 0.00	39.45 -0.03 -4.44	22.34 -0.05 4.42	22.29 -0.06 0.00	24.34 -0.02 0.00	24.47 -0.02 0.00	25.74 0.00 0.00	28.67 -0.01 0.00	34.87 -0.05 0.00	28.51 -0.05 0.00	31.47 -0.01 0.00	42.89 0.01 0.00	53.94 -0.12 0.00	40.56 -0.12 0.92	43.12 0.02 0.04	37.82 -0.03 0.00	39.39 -0.01 0.00	33.77 -0.02 0.00
HQ_GEN_WHEEL 23651	24.69 -0.07 5.13	-2.70 -0.01 29.25	16.79 -0.04 10.32	26.69 -0.03 0.21	34.38 -0.03 0.00	26.38 -0.04 0.00	32.90 -0.03 0.00	39.45 -0.03 -4.44	22.34 -0.05 4.42	22.29 -0.06 0.00	24.34 -0.02 0.00	24.47 -0.02 0.00	25.74 0.00 0.00	28.67 -0.01 0.00	34.87 -0.05 0.00	28.51 -0.05 0.00	31.47 -0.01 0.00	42.89 0.01 0.00	53.94 -0.12 0.00	40.56 -0.12 0.92	43.12 0.02 0.04	37.82 -0.03 0.00	39.39 -0.01 0.00	33.77 -0.02 0.00
HUDSON AVE_GT_3 23810	31.27 1.15 -0.22	47.40 0.87 -19.97	28.02 0.87 0.00	27.73 0.80 0.00	36.71 1.12 -1.18	27.75 1.06 -0.27	34.63 1.53 -0.17	39.37 1.78 -2.55	28.41 1.61 0.00	23.80 1.46 0.00	25.96 1.60 0.00	26.09 1.60 0.00	27.38 1.64 0.00	30.47 1.79 0.00	37.00 2.08 0.00	30.21 1.65 0.00	33.16 1.69 0.00	44.95 2.08 0.00	56.44 2.39 0.00	43.51 1.91 0.00	44.89 1.76 0.00	39.47 1.62 0.00	41.07 1.67 0.00	35.32 1.53 0.00
HUDSON AVE_GT_4 23540	31.27 1.15 -0.22	47.40 0.87 -19.97	28.02 0.87 0.00	27.73 0.80 0.00	36.71 1.12 -1.18	27.75 1.06 -0.27	34.63 1.53 -0.17	39.37 1.78 -2.55	28.41 1.61 0.00	23.80 1.46 0.00	25.96 1.60 0.00	26.09 1.60 0.00	27.38 1.64 0.00	30.47 1.79 0.00	37.00 2.08 0.00	30.21 1.65 0.00	33.16 1.69 0.00	44.95 2.08 0.00	56.44 2.39 0.00	43.51 1.91 0.00	44.89 1.76 0.00	39.47 1.62 0.00	41.07 1.67 0.00	35.32 1.53 0.00
HUDSON AVE_GT_5 23657	31.27 1.15 -0.22	47.40 0.87 -19.97	28.02 0.87 0.00	27.73 0.80 0.00	36.71 1.12 -1.18	27.75 1.06 -0.27	34.63 1.53 -0.17	39.37 1.78 -2.55	28.41 1.61 0.00	23.80 1.46 0.00	25.96 1.60 0.00	26.09 1.60 0.00	27.38 1.64 0.00	30.47 1.79 0.00	37.00 2.08 0.00	30.21 1.65 0.00	33.16 1.69 0.00	44.95 2.08 0.00	56.44 2.39 0.00	43.51 1.91 0.00	44.89 1.76 0.00	39.47 1.62 0.00	41.07 1.67 0.00	35.32 1.53 0.00
HUDSON_AVE_10 24168	31.12 1.00 -0.22	47.26 0.73 -19.97	27.87 0.72 0.00	27.59 0.66 0.00	36.51 0.93 -1.18	27.64 0.95 -0.27	34.49 1.39 -0.17	39.21 1.63 -2.55	28.31 1.51 0.00	23.71 1.37 0.00	25.85 1.49 0.00	25.97 1.48 0.00	27.23 1.50 0.00	30.32 1.64 0.00	36.81 1.89 0.00	30.07 1.51 0.00	32.98 1.51 0.00	44.72 1.84 0.00	56.15 2.10 0.00	43.28 1.68 0.00	44.66 1.53 0.00	39.28 1.43 0.00	40.87 1.47 0.00	35.16 1.37 0.00
HUDSON___115KV_TB 4 355613	30.12 0.39 0.17	11.84 0.33 15.05	27.59 0.44 0.00	27.34 0.42 0.00	34.01 0.50 0.89	26.68 0.46 0.20	33.49 0.69 0.13	33.85 0.72 1.91	27.35 0.54 0.00	22.63 0.28 0.00	24.58 0.22 0.00	24.80 0.31 0.00	25.89 0.15 0.00	28.94 0.26 0.00	35.18 0.26 0.00	28.79 0.23 0.00	31.71 0.23 0.00	43.36 0.48 0.00	55.20 1.14 0.00	42.63 1.03 0.00	44.20 1.06 0.00	38.77 0.92 0.00	40.24 0.83 0.00	34.48 0.69 0.00
HUNTER MOUNT___DRP 323613	30.65 0.76 0.00	27.27 0.71 0.00	28.05 0.90 0.00	27.80 0.87 0.00	35.62 1.21 0.00	27.36 0.94 0.00	34.23 1.30 0.00	36.52 1.48 0.00	27.77 0.97 0.00	22.95 0.60 0.00	24.86 0.50 0.00	25.17 0.68 0.00	26.21 0.48 0.00	28.96 0.28 0.00	35.22 0.29 0.00	28.82 0.26 0.00	31.77 0.29 0.00	43.49 0.61 0.00	55.40 1.35 0.00	42.78 1.19 0.00	44.37 1.23 0.00	38.90 1.06 0.00	40.35 0.95 0.00	34.56 0.77 0.00
HUNTINGTON_RES_REC 323705	31.00 0.88 -0.22	47.13 0.59 -19.98	27.75 0.60 0.00	27.46 0.53 0.00	36.25 0.65 -1.18	27.33 0.64 -0.27	33.79 0.68 -0.17	38.84 1.25 -2.55	27.76 0.95 0.00	23.43 1.09 0.00	25.84 1.47 0.00	26.08 1.60 0.00	27.33 1.59 0.00	30.34 1.66 0.00	36.44 1.52 0.00	25.30 0.54 3.80	28.54 0.53 3.47	43.58 0.70 0.00	54.84 0.78 0.00	42.41 0.81 0.00	43.61 0.47 0.00	38.47 0.62 0.00	40.79 1.38 0.00	35.17 1.38 0.00
HUNTLEY___63 23557	30.19 0.29 0.00	27.18 0.62 0.00	27.42 0.27 0.00	27.18 0.25 0.00	34.85 0.44 0.00	26.90 0.42 -0.06	33.21 -0.87 -1.15	35.44 -1.17 -1.57	26.14 -0.96 -0.29	21.77 -0.58 0.00	24.05 -0.32 -0.01	24.83 -0.43 -0.77	25.69 -0.18 -0.13	29.35 -0.09 -0.76	36.80 0.30 -1.58	30.11 0.42 -1.13	33.19 0.38 -1.34	46.34 0.41 -3.05	64.13 1.02 -9.06	50.74 0.09 -9.06	47.86 -0.49 -5.21	40.07 -0.18 -2.41	43.24 0.47 -3.37	36.30 0.71 -1.80
HUNTLEY___64 23558	30.19 0.29 0.00	27.18 0.62 0.00	27.42 0.27 0.00	27.18 0.25 0.00	34.85 0.44 0.00	26.90 0.42 -0.06	33.21 -0.87 -1.15	35.44 -1.17 -1.57	26.14 -0.96 -0.29	21.77 -0.58 0.00	24.05 -0.32 -0.01	24.83 -0.43 -0.77	25.69 -0.18 -0.13	29.35 -0.09 -0.76	36.80 0.30 -1.58	30.11 0.42 -1.13	33.19 0.38 -1.34	46.34 0.41 -3.05	64.13 1.02 -9.06	50.74 0.09 -9.06	47.86 -0.49 -5.21	40.07 -0.18 -2.41	43.24 0.47 -3.37	36.30 0.71 -1.80
HUNTLEY___65 23559	30.19 0.29 0.00	27.18 0.62 0.00	27.42 0.27 0.00	27.18 0.25 0.00	34.85 0.44 0.00	26.90 0.42 -0.06	33.21 -0.87 -1.15	35.44 -1.17 -1.57	26.14 -0.96 -0.29	21.77 -0.58 0.00	24.05 -0.32 -0.01	24.83 -0.43 -0.77	25.69 -0.18 -0.13	29.35 -0.09 -0.76	36.80 0.30 -1.58	30.11 0.42 -1.13	33.19 0.38 -1.34	46.34 0.41 -3.05	64.13 1.02 -9.06	50.74 0.09 -9.06	47.86 -0.49 -5.21	40.07 -0.18 -2.41	43.24 0.47 -3.37	36.30 0.71 -1.80
HUNTLEY___66 23560	30.19 0.29 0.00	27.18 0.62 0.00	27.42 0.27 0.00	27.18 0.25 0.00	34.85 0.44 0.00	26.90 0.42 -0.06	33.21 -0.87 -1.15	35.44 -1.17 -1.57	26.14 -0.96 -0.29	21.77 -0.58 0.00	24.05 -0.32 -0.01	24.83 -0.43 -0.77	25.69 -0.18 -0.13	29.35 -0.09 -0.76	36.80 0.30 -1.58	30.11 0.42 -1.13	33.19 0.38 -1.34	46.34 0.41 -3.05	64.13 1.02 -9.06	50.74 0.09 -9.06	47.86 -0.49 -5.21	40.07 -0.18 -2.41	43.24 0.47 -3.37	36.30 0.71 -1.80
HUNTLEY___67 23561	29.94 0.05 0.00	26.95 0.39 0.00	27.20 0.05 0.00	26.98 0.06 0.00	34.59 0.19 0.00	26.70 0.22 -0.06	33.04 -1.04 -1.15	35.32 -1.29 -1.57	26.03 -1.07 -0.29	21.69 -0.66 0.00	23.95 -0.42 -0.01	24.73 -0.53 -0.77	25.56 -0.30 -0.13	29.19 -0.26 -0.77	36.62 0.10 -1.59	29.91 0.21 -1.13	32.98 0.15 -1.35	46.12 0.18 -3.07	63.92 0.78 -9.09	50.64 -0.05 -9.09	47.72 -0.64 -5.23	39.94 -0.32 -2.42	43.08 0.29 -3.38	36.08 0.48 -1.81
HUNTLEY___68 23562	29.94 0.05 0.00	26.95 0.39 0.00	27.20 0.05 0.00	26.98 0.06 0.00	34.59 0.19 0.00	26.70 0.22 -0.06	33.04 -1.04 -1.15	35.32 -1.29 -1.57	26.03 -1.07 -0.29	21.69 -0.66 0.00	23.95 -0.42 -0.01	24.73 -0.53 -0.77	25.56 -0.30 -0.13	29.19 -0.26 -0.77	36.62 0.10 -1.59	29.91 0.21 -1.13	32.98 0.15 -1.35	46.12 0.18 -3.07	63.92 0.78 -9.09	50.64 -0.05 -9.09	47.72 -0.64 -5.23	39.94 -0.32 -2.42	43.08 0.29 -3.38	36.08 0.48 -1.81

HYLAND___LFGE 323620	31.57 1.68 0.00	28.16 1.60 0.00	28.47 1.31 0.00	28.27 1.35 0.00	36.25 1.84 0.00	28.06 1.57 -0.07	35.81 1.57 -1.31	38.56 1.72 -1.79	28.12 0.98 -0.33	23.22 0.87 0.00	25.30 0.93 -0.01	26.12 0.75 -0.88	26.43 0.54 -0.15	30.13 0.58 -0.87	38.09 1.36 -1.81	31.81 1.96 -1.30	35.31 2.30 -1.53	49.74 3.37 -3.49	69.57 5.17 -10.34	55.52 3.58 -10.34	52.25 3.17 -5.95	43.29 2.69 -2.75	46.11 2.87 -3.85	38.11 2.27 -2.06
INDECK___CORINTH 23802	30.82 1.15 0.22	7.42 0.93 20.07	28.03 0.88 0.00	27.82 0.89 0.00	34.43 1.21 1.19	27.16 1.01 0.27	34.25 1.49 0.17	34.06 1.58 2.57	27.84 1.03 0.00	23.13 0.78 0.00	25.11 0.74 0.00	25.21 0.72 0.00	26.34 0.60 0.00	29.36 0.68 0.00	35.65 0.73 0.00	29.09 0.53 0.00	32.23 0.76 0.00	44.15 1.28 0.00	55.96 1.91 0.00	43.30 1.70 0.00	44.99 1.86 0.00	39.32 1.47 0.00	40.81 1.40 0.00	35.14 1.35 0.00
INDECK___ILION 23567	32.55 0.30 -2.35	40.16 0.21 -13.40	32.07 0.27 -4.65	27.30 0.28 -0.10	34.73 0.32 0.00	26.69 0.27 0.00	33.39 0.46 0.00	35.51 0.47 0.00	27.09 0.28 0.00	22.44 0.09 0.00	24.34 -0.02 0.00	24.48 -0.01 0.00	25.65 -0.08 0.00	28.60 -0.07 0.00	34.87 -0.05 0.00	28.50 -0.06 0.00	31.49 0.01 0.00	43.07 0.20 0.00	54.56 0.51 0.00	42.57 0.55 -0.42	43.65 0.50 -0.02	38.29 0.44 0.00	39.78 0.38 0.00	34.06 0.27 0.00
INDECK___OLEAN 23982	30.22 0.32 0.00	27.01 0.46 0.00	27.25 0.10 0.00	27.07 0.14 0.00	34.78 0.37 0.00	26.90 0.42 -0.06	33.85 -0.28 -1.20	36.60 -0.08 -1.64	26.89 -0.22 -0.30	22.38 0.04 0.00	24.60 0.22 -0.01	25.41 0.12 -0.81	26.17 0.30 -0.14	29.75 0.28 -0.80	37.49 0.91 -1.66	30.25 0.51 -1.18	33.22 0.35 -1.40	46.35 0.28 -3.19	64.45 0.92 -9.47	51.45 0.38 -9.47	48.27 -0.31 -5.45	40.62 0.26 -2.52	43.78 0.85 -3.52	36.39 0.72 -1.88
INDECK___OSWEGO 23783	33.65 -0.40 -4.15	49.83 -0.38 -23.65	34.93 -0.43 -8.21	26.68 -0.42 -0.17	33.88 -0.53 0.00	26.28 -0.40 -0.26	37.30 -0.57 -4.94	41.08 -0.61 -6.64	27.53 -0.51 -1.23	21.88 -0.47 0.00	23.86 -0.54 -0.04	27.19 -0.57 -3.27	25.70 -0.60 -0.56	31.15 -0.76 -3.23	40.73 -0.91 -6.72	32.61 -0.75 -4.80	36.43 -0.82 -5.78	54.98 -1.07 -13.18	92.01 -1.11 -39.07	80.58 -0.82 -39.81	64.68 -0.95 -22.50	47.39 -0.83 -10.38	53.25 -0.69 -14.53	41.02 -0.53 -7.76
INDECK___YERKES 23781	30.21 0.32 0.00	27.21 0.65 0.00	27.45 0.30 0.00	27.20 0.27 0.00	34.89 0.48 0.00	26.93 0.45 -0.06	33.22 -0.86 -1.15	35.46 -1.15 -1.57	26.16 -0.93 -0.29	21.79 -0.56 0.00	24.08 -0.30 -0.01	24.85 -0.40 -0.77	25.72 -0.15 -0.13	29.38 -0.06 -0.76	36.83 0.32 -1.58	30.13 0.44 -1.13	33.22 0.40 -1.34	46.37 0.44 -3.05	64.18 1.07 -9.06	50.78 0.13 -9.06	47.90 -0.44 -5.21	40.11 -0.14 -2.41	43.28 0.51 -3.37	36.34 0.75 -1.80
INDIAN POINT_GT_1 24139	31.08 0.96 -0.22	47.17 0.71 -19.90	27.86 0.71 0.00	27.58 0.65 0.00	36.49 0.90 -1.18	27.53 0.84 -0.27	34.32 1.22 -0.17	39.00 1.42 -2.54	28.09 1.28 0.00	23.51 1.17 0.00	25.65 1.29 0.00	25.79 1.31 0.00	27.07 1.33 0.00	30.14 1.46 0.00	36.62 1.70 0.00	29.88 1.32 0.00	32.82 1.34 0.00	44.56 1.69 0.00	56.01 1.96 0.00	43.19 1.59 0.00	44.56 1.43 0.00	39.17 1.32 0.00	40.78 1.38 0.00	35.07 1.28 0.00
INDIAN POINT_GT_2 23659	31.08 0.96 -0.22	47.17 0.71 -19.90	27.86 0.71 0.00	27.58 0.65 0.00	36.49 0.90 -1.18	27.53 0.84 -0.27	34.32 1.22 -0.17	39.00 1.42 -2.54	28.09 1.28 0.00	23.51 1.17 0.00	25.65 1.29 0.00	25.79 1.31 0.00	27.07 1.33 0.00	30.14 1.46 0.00	36.62 1.70 0.00	29.88 1.32 0.00	32.82 1.34 0.00	44.56 1.69 0.00	56.01 1.96 0.00	43.19 1.59 0.00	44.56 1.43 0.00	39.17 1.32 0.00	40.78 1.38 0.00	35.07 1.28 0.00
INDIAN POINT_GT_3 24019	31.08 0.96 -0.22	47.17 0.71 -19.90	27.86 0.71 0.00	27.58 0.65 0.00	36.49 0.90 -1.18	27.53 0.84 -0.27	34.32 1.22 -0.17	39.00 1.42 -2.54	28.09 1.28 0.00	23.51 1.17 0.00	25.65 1.29 0.00	25.79 1.31 0.00	27.07 1.33 0.00	30.14 1.46 0.00	36.62 1.70 0.00	29.88 1.32 0.00	32.82 1.34 0.00	44.56 1.69 0.00	56.01 1.96 0.00	43.19 1.59 0.00	44.56 1.43 0.00	39.17 1.32 0.00	40.78 1.38 0.00	35.07 1.28 0.00
INDIAN POINT___2 23530	31.15 1.03 -0.22	47.29 0.77 -19.97	27.93 0.78 0.00	27.64 0.71 0.00	36.57 0.97 -1.18	27.60 0.91 -0.27	34.42 1.31 -0.17	39.12 1.53 -2.55	28.18 1.37 0.00	23.60 1.26 0.00	25.76 1.39 0.00	25.89 1.41 0.00	27.18 1.44 0.00	30.25 1.57 0.00	36.73 1.81 0.00	29.97 1.41 0.00	32.91 1.43 0.00	44.65 1.78 0.00	56.11 2.05 0.00	43.26 1.67 0.00	44.64 1.51 0.00	39.23 1.39 0.00	40.86 1.46 0.00	35.16 1.37 0.00
INDIAN POINT___3 23531	31.02 0.91 -0.21	46.59 0.66 -19.38	27.80 0.65 0.00	27.53 0.60 0.00	36.40 0.84 -1.15	27.46 0.79 -0.26	34.26 1.16 -0.17	38.86 1.35 -2.47	28.01 1.20 0.00	23.45 1.10 0.00	25.58 1.21 0.00	25.72 1.24 0.00	27.00 1.27 0.00	30.07 1.39 0.00	36.55 1.63 0.00	29.83 1.27 0.00	32.76 1.29 0.00	44.48 1.60 0.00	55.90 1.84 0.00	43.11 1.51 0.00	44.48 1.34 0.00	39.08 1.23 0.00	40.69 1.29 0.00	35.00 1.20 0.00
INGHAM_C_115KV_TB7 356103	32.80 0.55 -2.35	40.33 0.38 -13.40	32.29 0.49 -4.65	27.54 0.51 -0.10	35.00 0.59 0.00	26.94 0.52 0.00	33.82 0.89 0.00	35.94 0.90 0.00	27.29 0.48 0.00	22.39 0.05 0.00	24.12 -0.24 0.00	24.28 -0.20 0.00	25.35 -0.39 0.00	28.30 -0.37 0.00	34.54 -0.38 0.00	28.21 -0.35 0.00	31.26 -0.21 0.00	43.02 0.14 0.00	54.84 0.79 0.00	42.99 0.97 -0.42	44.04 0.89 -0.02	38.65 0.81 0.00	40.09 0.69 0.00	34.27 0.47 0.00
IP CORINTH___1 23988	30.99 1.31 0.22	7.56 1.07 20.07	28.18 1.03 0.00	27.96 1.03 0.00	34.62 1.40 1.19	27.30 1.15 0.27	34.44 1.68 0.17	34.26 1.78 2.57	27.99 1.19 0.00	23.25 0.90 0.00	25.24 0.87 0.00	25.34 0.85 0.00	26.49 0.75 0.00	29.52 0.84 0.00	35.86 0.94 0.00	29.26 0.70 0.00	32.42 0.95 0.00	44.41 1.53 0.00	56.28 2.23 0.00	43.54 1.95 0.00	45.25 2.12 0.00	39.54 1.70 0.00	41.04 1.64 0.00	35.33 1.54 0.00
IP___TICONDEROGA 23804	32.45 2.78 0.22	8.56 2.36 20.36	29.30 2.15 0.00	29.12 2.19 0.00	36.12 2.92 1.21	28.62 2.47 0.27	36.30 3.54 0.17	36.32 3.88 2.60	29.53 2.72 0.00	24.54 2.20 0.00	26.54 2.17 0.00	26.59 2.11 0.00	27.65 1.91 0.00	30.90 2.22 0.00	37.35 2.43 0.00	30.49 1.93 0.00	33.91 2.44 0.00	46.34 3.46 0.00	58.79 4.74 0.00	46.00 4.40 0.00	48.13 5.00 0.00	41.93 4.09 0.00	43.58 4.17 0.00	37.49 3.70 0.00
ISLIP_RES_REC 323679	31.27 1.15 -0.22	47.34 0.81 -19.98	27.98 0.83 0.00	27.69 0.76 0.00	36.49 0.90 -1.18	27.55 0.86 -0.27	34.08 0.98 -0.17	39.40 1.81 -2.55	28.01 1.20 0.00	23.64 1.30 0.00	26.10 1.73 0.00	26.36 1.88 0.00	27.60 1.86 0.00	30.62 1.95 0.00	36.82 1.90 0.00	25.69 0.93 3.79	28.98 0.97 3.47	44.15 1.28 0.00	55.57 1.52 0.00	42.98 1.38 0.00	44.17 1.03 0.00	38.96 1.12 0.00	41.24 1.84 0.00	35.50 1.71 0.00

JAMAICA__27_KV_LOAD 355505	31.19 1.07 -0.22	47.30 0.77 -19.97	27.93 0.78 0.00	27.64 0.72 0.00	36.57 0.98 -1.18	27.78 1.10 -0.27	34.66 1.56 -0.17	39.38 1.79 -2.55	28.48 1.68 0.00	23.86 1.51 0.00	26.01 1.64 0.00	26.08 1.59 0.00	27.32 1.59 0.00	30.41 1.73 0.00	36.91 1.99 0.00	30.18 1.62 0.00	33.08 1.61 0.00	44.85 1.97 0.00	56.33 2.27 0.00	43.42 1.82 0.00	44.81 1.67 0.00	39.42 1.57 0.00	41.02 1.62 0.00	35.26 1.47 0.00
JANIS__SOLAR 323808	31.06 1.17 0.00	27.55 0.99 0.00	28.07 0.92 0.00	27.90 0.97 0.00	35.72 1.31 0.00	27.59 1.09 -0.09	35.90 1.33 -1.64	38.71 1.44 -2.23	27.93 0.71 -0.41	22.78 0.43 0.00	24.79 0.41 -0.01	25.81 0.23 -1.10	26.22 0.30 -0.19	30.29 0.53 -1.09	38.06 0.88 -2.26	31.00 0.82 -1.62	34.48 1.09 -1.91	49.14 1.91 -4.35	69.97 3.00 -12.91	56.95 2.45 -12.91	52.84 2.28 -7.42	43.19 1.91 -3.43	46.09 1.88 -4.80	37.75 1.39 -2.56
JARVIS____ 23743	32.35 0.10 -2.35	40.02 0.06 -13.40	31.89 0.08 -4.65	27.10 0.08 -0.10	34.51 0.10 0.00	26.49 0.07 0.00	33.05 0.12 0.00	35.17 0.12 0.00	26.91 0.11 0.00	22.42 0.07 0.00	24.43 0.06 0.00	24.56 0.07 0.00	25.79 0.05 0.00	28.74 0.06 0.00	35.00 0.08 0.00	28.63 0.07 0.00	31.54 0.07 0.00	42.97 0.10 0.00	54.22 0.16 0.00	42.17 0.15 -0.42	43.28 0.13 -0.02	37.96 0.12 0.00	39.51 0.11 0.00	33.88 0.09 0.00
JENNISON____1 23625	30.95 1.06 0.00	27.32 0.76 0.00	28.03 0.88 0.00	27.95 1.03 0.00	35.78 1.37 0.00	27.61 1.13 -0.07	35.55 1.39 -1.23	38.14 1.42 -1.68	27.91 0.79 -0.31	23.05 0.70 0.00	25.14 0.76 -0.01	25.97 0.66 -0.82	26.61 0.74 -0.14	30.43 0.94 -0.82	37.96 1.35 -1.70	30.93 1.16 -1.21	34.28 1.36 -1.44	48.30 2.14 -3.28	66.90 3.12 -9.73	53.72 2.40 -9.73	50.94 2.22 -5.59	42.34 1.91 -2.58	44.91 1.89 -3.62	37.09 1.37 -1.93
JENNISON____2 23626	30.95 1.06 0.00	27.32 0.76 0.00	28.03 0.88 0.00	27.95 1.03 0.00	35.78 1.37 0.00	27.61 1.13 -0.07	35.55 1.39 -1.23	38.14 1.42 -1.68	27.91 0.79 -0.31	23.05 0.70 0.00	25.14 0.76 -0.01	25.97 0.66 -0.82	26.61 0.74 -0.14	30.43 0.94 -0.82	37.96 1.35 -1.70	30.93 1.16 -1.21	34.28 1.36 -1.44	48.30 2.14 -3.28	66.90 3.12 -9.73	53.72 2.40 -9.73	50.94 2.22 -5.59	42.34 1.91 -2.58	44.91 1.89 -3.62	37.09 1.37 -1.93
JERICOHO_RISE_WT_PWR 323719	45.00 0.44 -14.66	110.74 0.63 -83.55	56.78 0.63 -28.99	28.16 0.62 -0.61	35.12 0.71 0.00	27.02 0.60 0.00	33.75 0.82 0.00	35.88 0.84 0.00	27.41 0.60 0.00	22.83 0.48 0.00	24.94 0.57 0.00	25.02 0.54 0.00	26.32 0.58 0.00	29.25 0.57 0.00	35.55 0.63 0.00	28.98 0.42 0.00	32.03 0.55 0.00	43.46 0.58 0.00	54.59 0.53 0.00	44.70 0.49 -2.62	44.05 0.82 -0.10	38.61 0.76 0.00	40.45 1.05 0.00	34.80 1.01 0.00
KATONAH__115KV_46KV_TB4 355592	31.18 1.07 -0.22	47.56 0.81 -20.20	27.96 0.81 0.00	27.67 0.75 0.00	36.62 1.02 -1.20	27.62 0.93 -0.27	34.44 1.34 -0.17	39.15 1.53 -2.57	28.17 1.37 0.00	23.59 1.24 0.00	25.74 1.37 0.00	25.88 1.39 0.00	27.17 1.44 0.00	30.25 1.57 0.00	36.74 1.82 0.00	29.99 1.43 0.00	32.95 1.47 0.00	44.74 1.87 0.00	56.26 2.21 0.00	43.36 1.77 0.00	44.76 1.63 0.00	39.31 1.47 0.00	40.91 1.51 0.00	35.20 1.41 0.00
KCE_NY_1 323755	30.93 1.26 0.22	7.70 1.07 19.93	28.21 1.06 0.00	27.98 1.06 0.00	34.64 1.42 1.18	27.28 1.13 0.27	34.39 1.63 0.17	34.13 1.64 2.55	27.97 1.16 0.00	23.25 0.90 0.00	25.28 0.91 0.00	25.44 0.95 0.00	26.66 0.93 0.00	29.66 0.98 0.00	36.07 1.15 0.00	29.37 0.81 0.00	32.55 1.07 0.00	44.55 1.67 0.00	56.25 2.19 0.00	43.39 1.80 0.00	45.06 1.92 0.00	39.44 1.59 0.00	40.99 1.59 0.00	35.20 1.41 0.00
KCE_NY_6_ESR 323823	30.20 0.31 0.00	27.16 0.60 0.00	27.40 0.25 0.00	27.18 0.25 0.00	34.82 0.42 0.00	26.92 0.44 -0.06	33.41 0.82 -1.17	35.76 -0.87 -1.60	26.34 -0.77 -0.30	21.94 -0.40 0.00	24.23 -0.14 -0.01	25.03 -0.24 -0.79	25.85 -0.02 -0.13	29.53 0.07 -0.78	37.05 0.52 -1.61	30.28 0.57 -1.15	33.41 0.56 -1.37	46.73 0.74 -3.11	64.82 1.53 -9.24	51.40 0.57 -9.24	48.44 0.00 -5.31	40.49 0.19 -2.45	43.58 0.75 -3.43	36.45 0.82 -1.84
KEDC_PORT_JEFF_GT2 24210	31.07 0.95 -0.22	47.17 0.64 -19.98	27.82 0.67 0.00	27.52 0.60 0.00	36.28 0.69 -1.18	27.38 0.69 -0.27	33.86 0.75 -0.17	39.11 1.52 -2.55	27.81 1.00 0.00	23.47 1.13 0.00	25.88 1.52 0.00	26.14 1.66 0.00	27.37 1.64 0.00	30.37 1.69 0.00	36.51 1.59 0.00	25.41 0.68 3.82	28.66 0.68 3.49	43.74 0.87 0.00	55.05 1.00 0.00	42.60 1.00 0.00	43.79 0.66 0.00	38.65 0.80 0.00	40.93 1.53 0.00	35.25 1.46 0.00
KEDC_PORT_JEFF_GT3 24211	31.07 0.95 -0.22	47.17 0.64 -19.98	27.82 0.67 0.00	27.52 0.60 0.00	36.28 0.69 -1.18	27.38 0.69 -0.27	33.86 0.75 -0.17	39.11 1.52 -2.55	27.81 1.00 0.00	23.47 1.13 0.00	25.88 1.52 0.00	26.14 1.66 0.00	27.37 1.64 0.00	30.37 1.69 0.00	36.51 1.59 0.00	25.41 0.68 3.82	28.66 0.68 3.49	43.74 0.87 0.00	55.05 1.00 0.00	42.60 1.00 0.00	43.79 0.66 0.00	38.65 0.80 0.00	40.93 1.53 0.00	35.25 1.46 0.00
KEDC_GLWD_GT4 24219	31.31 1.19 -0.22	47.44 0.91 -19.98	28.06 0.91 0.00	27.76 0.84 0.00	36.73 1.14 -1.18	27.70 1.01 -0.27	34.45 1.34 -0.17	39.25 1.67 -2.55	28.24 1.43 0.00	23.72 1.38 0.00	25.99 1.63 0.00	26.15 1.66 0.00	27.43 1.70 0.00	30.51 1.84 0.00	36.93 2.01 0.00	28.68 1.37 1.25	31.63 1.33 1.17	44.67 1.79 0.00	56.12 2.07 0.00	43.17 1.58 0.00	44.39 1.25 0.00	39.00 1.15 0.00	40.86 1.46 0.00	35.36 1.57 0.00
KEDC_GLWD_GT5 24220	31.31 1.19 -0.22	47.44 0.91 -19.98	28.06 0.91 0.00	27.76 0.84 0.00	36.73 1.14 -1.18	27.70 1.01 -0.27	34.45 1.34 -0.17	39.25 1.67 -2.55	28.24 1.43 0.00	23.72 1.38 0.00	25.99 1.63 0.00	26.15 1.66 0.00	27.43 1.70 0.00	30.51 1.84 0.00	36.93 2.01 0.00	28.68 1.37 1.25	31.63 1.33 1.17	44.67 1.79 0.00	56.12 2.07 0.00	43.17 1.58 0.00	44.39 1.25 0.00	39.00 1.15 0.00	40.86 1.46 0.00	35.36 1.57 0.00
KENSICO____ 23655	31.15 1.03 -0.22	47.26 0.76 -19.94	27.92 0.77 0.00	27.63 0.71 0.00	36.56 0.97 -1.18	27.59 0.90 -0.27	34.39 1.29 -0.17	39.09 1.51 -2.54	28.16 1.36 0.00	23.59 1.24 0.00	25.74 1.38 0.00	25.88 1.39 0.00	27.16 1.42 0.00	30.24 1.56 0.00	36.71 1.79 0.00	29.96 1.40 0.00	32.89 1.42 0.00	44.65 1.78 0.00	56.11 2.05 0.00	43.26 1.66 0.00	44.64 1.50 0.00	39.23 1.39 0.00	40.86 1.46 0.00	35.15 1.36 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.25 1.23 -0.12	40.77 0.93 -13.29	28.04 0.89 0.00	27.77 0.84 0.00	36.32 1.12 -0.79	27.57 0.97 -0.18	34.41 1.36 -0.11	38.34 1.60 -1.69	28.31 1.50 0.00	23.67 1.33 0.00	25.70 1.34 0.00	25.73 1.24 0.00	26.95 1.21 0.00	29.93 1.26 0.00	36.38 1.46 0.00	29.79 1.24 0.00	32.89 1.41 0.00	44.79 1.92 0.00	56.51 2.45 0.00	43.61 2.02 0.00	45.00 1.87 0.00	39.48 1.64 0.00	41.03 1.63 0.00	35.15 1.36 0.00

KIAC_JFK_GT1 23816	31.01 0.89 -0.22	47.14 0.61 -19.97	27.77 0.62 0.00	27.50 0.57 0.00	36.37 0.78 -1.18	27.63 0.95 -0.27	34.48 1.38 -0.17	39.17 1.59 -2.55	28.33 1.52 0.00	23.73 1.39 0.00	25.85 1.49 0.00	25.87 1.38 0.00	27.07 1.34 0.00	30.13 1.45 0.00	36.56 1.64 0.00	29.88 1.32 0.00	32.76 1.29 0.00	44.41 1.54 0.00	55.75 1.70 0.00	42.99 1.39 0.00	44.37 1.24 0.00	39.04 1.19 0.00	40.74 1.34 0.00	35.06 1.27 0.00
KIAC_JFK_GT2 23817	31.01 0.89 -0.22	47.14 0.61 -19.97	27.77 0.62 0.00	27.50 0.57 0.00	36.37 0.78 -1.18	27.63 0.95 -0.27	34.48 1.38 -0.17	39.17 1.59 -2.55	28.33 1.52 0.00	23.73 1.39 0.00	25.85 1.49 0.00	25.87 1.38 0.00	27.07 1.34 0.00	30.13 1.45 0.00	36.56 1.64 0.00	29.88 1.32 0.00	32.76 1.29 0.00	44.41 1.54 0.00	55.75 1.70 0.00	42.99 1.39 0.00	44.37 1.24 0.00	39.04 1.19 0.00	40.74 1.34 0.00	35.06 1.27 0.00
KIAC_JFK____ 323774	31.01 0.89 -0.22	47.14 0.61 -19.97	27.77 0.62 0.00	27.50 0.58 0.00	36.37 0.78 -1.18	27.63 0.95 -0.27	34.48 1.38 -0.17	39.18 1.59 -2.55	28.33 1.52 0.00	23.74 1.39 0.00	25.86 1.49 0.00	25.86 1.38 0.00	27.07 1.34 0.00	30.13 1.45 0.00	36.56 1.65 0.00	29.89 1.33 0.00	32.77 1.29 0.00	44.41 1.54 0.00	55.75 1.70 0.00	42.99 1.39 0.00	44.37 1.24 0.00	39.03 1.19 0.00	40.74 1.34 0.00	35.06 1.27 0.00
KINTIGH__24_KV_GSU 356498	29.94 0.04 0.00	26.90 0.34 0.00	27.21 0.06 0.00	26.98 0.05 0.00	34.60 0.19 0.00	26.69 0.21 -0.06	33.09 -0.92 -1.08	35.39 -1.13 -1.48	26.16 -0.92 -0.27	21.77 -0.57 0.00	24.02 -0.36 -0.01	24.76 -0.45 -0.73	25.62 -0.24 -0.12	29.18 -0.22 -0.72	36.55 0.13 -1.49	29.81 0.18 -1.07	32.88 0.13 -1.27	45.92 0.16 -2.88	63.33 0.72 -8.55	50.11 -0.04 -8.55	47.45 -0.60 -4.92	39.82 -0.30 -2.27	42.84 0.26 -3.18	35.90 0.41 -1.70
KINTIGH____ 23543	29.92 0.03 0.00	26.88 0.33 0.00	27.19 0.04 0.00	26.96 0.04 0.00	34.58 0.17 0.00	26.67 0.19 -0.06	33.08 -0.93 -1.08	35.39 -1.13 -1.48	26.14 -0.94 -0.27	21.76 -0.59 0.00	24.00 -0.37 -0.01	24.74 -0.47 -0.73	25.59 -0.26 -0.12	29.15 -0.24 -0.72	36.53 0.12 -1.49	29.80 0.17 -1.07	32.85 0.11 -1.27	45.89 0.13 -2.88	63.30 1.09 -8.55	50.08 -0.07 -8.55	47.43 -0.63 -4.92	39.79 -0.33 -2.27	42.81 0.23 -3.18	35.87 0.38 -1.70
KNTFSRNC_46_KV_46KV_LOAD 80397	39.74 1.11 -8.74	77.58 1.26 -49.77	45.66 1.24 -17.27	28.46 1.17 -0.36	35.81 1.41 0.00	27.63 1.21 0.00	34.49 1.56 0.00	36.64 1.60 0.00	27.97 1.16 0.00	23.29 0.94 0.00	25.41 1.05 0.00	25.46 0.97 0.00	26.77 1.03 0.00	29.70 1.02 0.00	36.14 1.23 0.00	29.37 0.81 0.00	32.48 1.00 0.00	43.90 1.03 0.00	55.24 1.18 0.00	44.25 1.09 -1.56	44.63 1.44 -0.06	39.28 1.43 0.00	41.33 1.92 0.00	35.67 1.88 0.00
LACHUTE____HYDRO 323717	32.45 2.78 0.22	8.56 2.36 20.36	29.30 2.15 0.00	29.12 2.19 0.00	36.12 2.92 1.21	28.62 2.47 0.27	36.30 3.54 0.17	36.31 3.87 2.60	29.53 2.72 0.00	24.54 2.20 0.00	26.54 2.17 0.00	26.59 2.11 0.00	27.64 1.91 0.00	30.90 2.23 0.00	37.35 2.43 0.00	30.48 1.92 0.00	33.91 2.44 0.00	46.34 3.46 0.00	58.79 4.74 0.00	46.00 4.40 0.00	48.13 5.00 0.00	41.94 4.09 0.00	43.58 4.18 0.00	37.49 3.70 0.00
LAWRNCV_115KV_TB1 80681	137.67 0.44 -107.34	638.72 0.55 -611.62	239.85 0.46 -212.25	31.86 0.46 -4.48	34.97 0.56 0.00	26.88 0.45 -0.02	34.05 0.73 -0.39	36.26 0.69 -0.52	27.27 0.36 -0.10	22.48 0.13 0.00	24.57 0.21 0.00	24.95 0.20 -0.26	26.02 0.24 -0.04	29.26 0.32 -0.25	35.81 0.36 -0.53	29.19 0.25 -0.38	32.43 0.49 -0.46	44.77 0.84 -1.06	57.91 0.73 -3.13	64.76 0.84 -22.33	46.78 1.12 -2.52	39.41 0.74 -0.83	41.41 0.85 -1.16	35.07 0.66 -0.62
LEDERLE____ 23769	31.15 1.06 -0.20	45.50 0.78 -18.16	27.92 0.77 0.00	27.63 0.71 0.00	36.48 0.99 -1.08	27.57 0.91 -0.24	34.43 1.34 -0.16	38.91 1.55 -2.32	28.14 1.33 0.00	23.55 1.20 0.00	25.69 1.33 0.00	25.85 1.37 0.00	27.16 1.42 0.00	30.27 1.60 0.00	36.84 1.92 0.00	30.09 1.52 0.00	33.03 1.55 0.00	44.86 1.98 0.00	56.37 2.31 0.00	43.47 1.87 0.00	44.79 1.66 0.00	39.33 1.49 0.00	40.94 1.54 0.00	35.18 1.39 0.00
LIGHTHSE_115KV_TB6 355974	39.90 0.32 -9.69	81.96 0.20 -55.20	46.43 0.13 -19.15	27.45 0.12 -0.40	34.55 0.15 0.00	26.74 0.17 -0.16	36.10 0.25 -2.92	39.15 0.23 -3.87	27.59 0.06 -0.72	22.21 -0.14 0.00	24.15 -0.24 -0.02	26.11 -0.28 -1.91	25.80 -0.26 -0.33	30.33 -0.23 -1.88	38.64 -0.19 -3.92	31.25 -0.11 -2.80	34.79 -0.10 -3.42	50.61 -0.07 -7.80	77.59 0.41 -23.13	66.95 0.49 -24.86	57.00 0.50 -13.37	44.32 0.33 -6.15	48.22 0.22 -8.60	38.57 0.18 -4.59
LINDEN COGEN____ 23786	31.06 0.94 -0.22	47.20 0.67 -19.97	27.82 0.67 0.00	27.53 0.61 0.00	36.46 0.87 -1.18	27.57 0.88 -0.27	34.43 1.33 -0.17	39.14 1.55 -2.55	28.24 1.44 0.00	23.67 1.32 0.00	25.79 1.42 0.00	25.89 1.40 0.00	27.18 1.45 0.00	30.26 1.58 0.00	36.75 1.82 0.00	30.04 1.48 0.00	32.95 1.47 0.00	44.65 1.77 0.00	56.02 1.97 0.00	43.19 1.59 0.00	44.55 1.42 0.00	39.16 1.32 0.00	40.73 1.33 0.00	35.05 1.26 0.00
LINDHRST_69_KV_BK1 356055	31.37 1.25 -0.22	47.47 0.94 -19.98	28.09 0.94 0.00	27.79 0.86 0.00	36.70 1.11 -1.18	27.69 1.00 -0.27	34.30 1.20 -0.17	39.35 1.76 -2.55	28.15 1.34 0.00	23.73 1.39 0.00	26.12 1.76 0.00	26.36 1.87 0.00	27.61 1.88 0.00	30.67 1.99 0.00	36.93 2.01 0.00	26.34 1.07 3.29	29.57 1.11 3.02	44.35 1.47 0.00	55.74 1.69 0.00	43.08 1.49 0.00	44.32 1.19 0.00	39.11 1.27 0.00	41.32 1.92 0.00	35.55 1.76 0.00
LIPA_MISC_IPP 23656	30.84 0.72 -0.22	46.98 0.44 -19.98	27.63 0.48 0.00	27.36 0.43 0.00	36.05 0.46 -1.18	27.21 0.52 -0.27	33.60 0.50 -0.17	39.03 1.44 -2.55	27.60 0.80 0.00	23.30 0.95 0.00	25.71 1.35 0.00	25.98 1.50 0.00	27.19 1.46 0.00	30.13 1.45 0.00	36.20 1.28 0.00	25.16 0.44 3.84	28.40 0.43 3.51	43.36 0.49 0.00	54.58 0.53 0.00	42.23 0.64 0.00	43.43 0.30 0.00	38.37 0.52 0.00	40.65 1.25 0.00	35.03 1.23 0.00
LISF____SOLAR 323691	30.88 0.76 -0.22	47.01 0.47 -19.98	27.67 0.52 0.00	27.39 0.46 0.00	36.09 0.50 -1.18	27.24 0.56 -0.27	33.65 0.55 -0.17	39.11 1.52 -2.55	27.65 0.84 0.00	23.32 0.98 0.00	25.75 1.38 0.00	26.03 1.54 0.00	27.22 1.49 0.00	30.17 1.49 0.00	36.26 1.34 0.00	25.20 0.47 3.83	28.45 0.47 3.50	43.45 0.57 0.00	54.70 0.64 0.00	42.32 0.72 0.00	43.51 0.38 0.00	38.44 0.60 0.00	40.73 1.33 0.00	35.08 1.29 0.00
LITTLE FALLS____HYD 24013	32.80 0.55 -2.35	40.33 0.38 -13.40	32.29 0.49 -4.65	27.54 0.51 -0.10	35.00 0.59 0.00	26.94 0.52 0.00	33.82 0.89 0.00	35.94 0.90 0.00	27.29 0.48 0.00	22.39 0.05 0.00	24.12 -0.24 0.00	24.28 -0.20 0.00	25.35 -0.39 0.00	28.30 -0.37 0.00	34.54 -0.38 0.00	28.21 -0.35 0.00	31.26 -0.21 0.00	43.02 0.14 0.00	54.84 0.79 0.00	42.99 0.97 -0.42	44.04 0.89 -0.02	38.65 0.81 0.00	40.09 0.69 0.00	34.27 0.47 0.00

LITTLRIV_115KV_TB1 356100	133.29 0.85 -102.54	611.75 0.93 -584.26	230.75 0.85 -202.75	32.04 0.83 -4.28	35.46 1.05 0.00	27.24 0.80 -0.02	34.58 1.23 -0.42	36.83 1.23 -0.56	27.60 0.68 -0.10	22.58 0.23 0.00	24.69 0.33 0.00	25.08 0.31 -0.27	26.12 0.34 -0.04	29.41 0.45 -0.27	35.99 0.50 -0.56	29.37 0.41 -0.40	32.73 0.76 -0.49	45.36 1.36 -1.12	58.87 1.49 -3.33	64.86 1.59 -21.68	47.64 1.90 -2.61	40.08 1.35 -0.88	42.08 1.44 -1.24	35.59 1.14 -0.66
LI_NEWBRDGE___DRP 323616	30.99 0.88 -0.22	47.16 0.63 -19.98	27.78 0.63 0.00	27.49 0.56 0.00	36.35 0.75 -1.18	27.41 0.73 -0.27	33.99 0.89 -0.17	38.88 1.29 -2.55	27.87 1.06 0.00	23.47 1.12 0.00	25.79 1.42 0.00	25.98 1.49 0.00	27.23 1.49 0.00	30.25 1.58 0.00	36.47 1.55 0.00	25.24 0.82 4.14	28.51 0.81 3.77	43.89 1.01 0.00	55.16 1.11 0.00	42.60 1.00 0.00	43.83 0.70 0.00	38.64 0.80 0.00	40.71 1.30 0.00	35.04 1.25 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.92 0.03 0.00	27.00 0.44 0.00	27.26 0.11 0.00	27.02 0.10 0.00	34.65 0.25 0.00	26.74 0.26 -0.06	32.90 -1.17 -1.14	35.14 -1.46 -1.56	25.96 -1.14 -0.29	21.59 -0.76 0.00	23.82 -0.55 -0.01	24.57 -0.68 -0.77	25.42 -0.45 -0.13	29.03 -0.40 -0.76	36.38 -0.12 -1.57	29.79 0.10 -1.13	32.82 0.01 -1.33	45.87 -0.04 -3.04	63.65 0.60 -9.00	50.39 -0.20 -9.00	47.51 -0.80 -5.18	39.78 -0.46 -2.39	42.90 0.15 -3.35	36.18 0.60 -1.79
LOCKPORT___CC1 323769	29.92 0.02 0.00	26.97 0.42 0.00	27.25 0.10 0.00	27.01 0.09 0.00	34.64 0.24 0.00	26.73 0.25 -0.06	32.89 -1.18 -1.14	35.14 -1.46 -1.56	25.95 -1.14 -0.29	21.59 -0.76 0.00	23.83 -0.55 -0.01	24.59 -0.66 -0.77	25.43 -0.44 -0.13	29.04 -0.39 -0.76	36.40 -0.10 -1.58	29.77 0.09 -1.13	32.82 0.01 -1.33	45.87 -0.04 -3.04	63.67 0.60 -9.01	50.40 -0.20 -9.01	47.51 -0.81 -5.18	39.79 -0.45 -2.39	42.91 0.16 -3.35	36.15 0.57 -1.79
LOCKPORT___CC2 323770	29.92 0.02 0.00	26.97 0.42 0.00	27.25 0.10 0.00	27.01 0.09 0.00	34.64 0.24 0.00	26.73 0.25 -0.06	32.89 -1.18 -1.14	35.14 -1.46 -1.56	25.95 -1.14 -0.29	21.59 -0.76 0.00	23.83 -0.55 -0.01	24.59 -0.66 -0.77	25.43 -0.44 -0.13	29.04 -0.39 -0.76	36.40 -0.10 -1.58	29.77 0.09 -1.13	32.82 0.01 -1.33	45.87 -0.04 -3.04	63.67 0.60 -9.01	50.40 -0.20 -9.01	47.51 -0.81 -5.18	39.79 -0.45 -2.39	42.91 0.16 -3.35	36.15 0.57 -1.79
LOCKPORT___CC3 323771	29.92 0.02 0.00	26.97 0.42 0.00	27.25 0.10 0.00	27.01 0.09 0.00	34.64 0.24 0.00	26.73 0.25 -0.06	32.89 -1.18 -1.14	35.14 -1.46 -1.56	25.95 -1.14 -0.29	21.59 -0.76 0.00	23.83 -0.55 -0.01	24.59 -0.66 -0.77	25.43 -0.44 -0.13	29.04 -0.39 -0.76	36.40 -0.10 -1.58	29.77 0.09 -1.13	32.82 0.01 -1.33	45.87 -0.04 -3.04	63.67 0.60 -9.01	50.40 -0.20 -9.01	47.51 -0.81 -5.18	39.79 -0.45 -2.39	42.91 0.16 -3.35	36.15 0.57 -1.79
LOCUSVLY_69_KV_BK2 55797	31.29 1.17 -0.22	47.42 0.89 -19.98	28.04 0.88 0.00	27.74 0.82 0.00	36.68 1.09 -1.18	27.66 0.97 -0.27	34.34 1.24 -0.17	39.21 1.62 -2.55	28.18 1.37 0.00	23.71 1.37 0.00	26.02 1.65 0.00	26.20 1.72 0.00	27.48 1.74 0.00	30.55 1.87 0.00	36.87 1.95 0.00	27.84 1.21 1.93	30.94 1.24 1.78	44.49 1.61 0.00	55.92 1.87 0.00	43.13 1.54 0.00	44.36 1.22 0.00	39.04 1.19 0.00	41.04 1.64 0.00	35.37 1.58 0.00
LONG_LAKE_PHOENIX 24014	32.87 -0.28 -3.25	44.83 -0.26 -18.54	33.26 -0.32 -6.43	26.75 -0.31 -0.14	34.02 -0.39 0.00	26.35 -0.28 -0.21	36.52 -0.44 -4.03	39.97 -0.46 -5.39	27.41 -0.40 -1.00	21.99 -0.36 0.00	23.97 -0.43 -0.03	26.68 -0.46 -2.65	25.73 -0.46 -0.45	30.82 -0.48 -2.62	39.88 -0.49 -5.45	32.07 -0.38 -3.89	35.81 -0.39 -4.72	53.21 -0.44 -10.77	85.63 -0.35 -31.92	73.81 -0.28 -32.50	61.09 -0.42 -18.38	45.94 -0.39 -8.48	50.88 -0.40 -11.87	39.76 -0.37 -6.34
LOVETT___3 23632	30.99 0.89 -0.20	45.68 0.64 -18.48	27.78 0.63 0.00	27.50 0.58 0.00	36.32 0.82 -1.10	27.44 0.77 -0.25	34.25 1.15 -0.16	38.74 1.34 -2.36	27.99 1.18 0.00	23.43 1.08 0.00	25.57 1.20 0.00	25.71 1.22 0.00	27.00 1.26 0.00	30.07 1.39 0.00	36.56 1.64 0.00	29.84 1.28 0.00	32.77 1.29 0.00	44.48 1.60 0.00	55.90 1.85 0.00	43.12 1.52 0.00	44.47 1.34 0.00	39.06 1.22 0.00	40.67 1.27 0.00	34.98 1.19 0.00
LOVETT___4 23642	30.99 0.89 -0.20	45.68 0.64 -18.48	27.78 0.63 0.00	27.50 0.58 0.00	36.32 0.82 -1.10	27.44 0.77 -0.25	34.25 1.15 -0.16	38.74 1.34 -2.36	27.99 1.18 0.00	23.43 1.08 0.00	25.57 1.20 0.00	25.71 1.22 0.00	27.00 1.26 0.00	30.07 1.39 0.00	36.56 1.64 0.00	29.84 1.28 0.00	32.77 1.29 0.00	44.48 1.60 0.00	55.90 1.85 0.00	43.12 1.52 0.00	44.47 1.34 0.00	39.06 1.22 0.00	40.67 1.27 0.00	34.98 1.19 0.00
LOVETT___5 23593	30.99 0.89 -0.20	45.68 0.64 -18.48	27.78 0.63 0.00	27.50 0.58 0.00	36.32 0.82 -1.10	27.44 0.77 -0.25	34.25 1.15 -0.16	38.74 1.34 -2.36	27.99 1.18 0.00	23.43 1.08 0.00	25.57 1.20 0.00	25.71 1.22 0.00	27.00 1.26 0.00	30.07 1.39 0.00	36.56 1.64 0.00	29.84 1.28 0.00	32.77 1.29 0.00	44.48 1.60 0.00	55.90 1.85 0.00	43.12 1.52 0.00	44.47 1.34 0.00	39.06 1.22 0.00	40.67 1.27 0.00	34.98 1.19 0.00
LOWER RAQUET___HYD 24057	128.43 0.51 -98.03	585.71 0.60 -558.55	221.50 0.52 -193.83	31.53 0.51 -4.09	35.04 0.63 0.00	26.94 0.50 -0.02	34.20 0.83 -0.45	36.41 0.78 -0.59	27.33 0.41 -0.11	22.50 0.16 0.00	24.59 0.22 0.00	24.99 0.22 -0.29	26.04 0.25 -0.05	29.32 0.35 -0.29	35.91 0.39 -0.60	29.25 0.27 -0.43	32.54 0.54 -0.52	44.99 0.92 -1.19	58.39 0.81 -3.53	63.62 0.96 -21.06	47.07 1.25 -2.69	39.60 0.82 -0.94	41.65 0.94 -1.31	35.22 0.73 -0.70
LOWER___HUDSON 24059	30.38 0.76 0.27	2.35 0.61 24.82	27.80 0.65 0.00	27.58 0.66 0.00	33.80 0.86 1.47	26.79 0.70 0.33	33.78 1.06 0.21	32.92 1.04 3.16	27.64 0.83 0.00	23.01 0.66 0.00	24.97 0.61 0.00	25.14 0.65 0.00	26.35 0.62 0.00	29.30 0.62 0.00	35.57 0.65 0.00	29.04 0.49 0.00	32.02 0.54 0.00	43.58 0.71 0.00	54.98 0.93 0.00	42.38 0.79 0.00	44.07 0.94 0.00	38.67 0.83 0.00	40.21 0.81 0.00	34.53 0.74 0.00
LOWVILLE_115KV_TB2 356335	59.09 1.22 -27.97	186.83 0.87 -159.40	83.27 0.81 -55.31	28.86 0.77 -1.17	35.41 1.00 0.00	27.32 0.85 -0.05	35.28 1.36 -0.99	37.58 1.23 -1.31	27.84 0.79 -0.24	22.68 0.33 0.00	24.61 0.24 -0.01	25.35 0.22 -0.65	26.12 0.27 -0.11	29.73 0.41 -0.64	36.86 0.62 -1.33	30.04 0.53 -0.95	33.36 0.73 -1.16	46.87 1.36 -2.64	63.82 1.95 -7.81	56.27 1.85 -12.82	49.74 1.92 -4.68	41.40 1.48 -2.08	43.52 1.21 -2.91	36.39 1.04 -1.55
LUTHERFT_115KV_GLOB_FND_222 355753	30.94 1.26 0.22	7.69 1.06 19.93	28.21 1.06 0.00	27.99 1.06 0.00	34.63 1.41 1.18	27.28 1.12 0.27	34.37 1.61 0.17	34.13 1.63 2.55	27.98 1.17 0.00	23.24 0.90 0.00	25.25 0.89 0.00	25.40 0.92 0.00	26.64 0.90 0.00	29.64 0.96 0.00	36.03 1.11 0.00	29.37 0.82 0.00	32.50 1.02 0.00	44.44 1.57 0.00	56.18 2.13 0.00	43.36 1.77 0.00	45.02 1.89 0.00	39.43 1.58 0.00	40.96 1.56 0.00	35.18 1.39 0.00

LUTHERNY_35_KV_BK2 355980	30.93 1.26 0.22	7.70 1.08 19.93	28.21 1.06 0.00	27.98 1.05 0.00	34.64 1.42 1.18	27.28 1.13 0.27	34.39 1.63 0.17	34.14 1.64 2.55	27.97 1.17 0.00	23.25 0.90 0.00	25.28 0.91 0.00	25.44 0.95 0.00	26.66 0.93 0.00	29.66 0.99 0.00	36.07 1.15 0.00	29.36 0.81 0.00	32.55 1.07 0.00	44.55 1.68 0.00	56.25 2.19 0.00	43.40 1.80 0.00	45.06 1.93 0.00	39.44 1.60 0.00	40.98 1.59 0.00	35.20 1.41 0.00
LWR___OSWEGATCHIE_HYD 23850	97.23 0.87 -66.47	406.04 0.74 -378.74	159.25 0.66 -131.43	30.34 0.65 -2.77	35.22 0.81 0.00	27.14 0.67 -0.04	34.85 1.09 -0.83	37.17 1.03 -1.10	27.62 0.60 -0.20	22.57 0.22 0.00	24.56 0.19 -0.01	25.20 0.17 -0.54	26.04 0.21 -0.09	29.54 0.33 -0.54	36.48 0.45 -1.11	29.72 0.37 -0.79	33.02 0.57 -0.97	46.11 1.02 -2.22	61.89 1.27 -6.57	61.39 1.34 -18.46	48.87 1.51 -4.23	40.67 1.08 -1.75	42.83 0.99 -2.45	35.91 0.82 -1.31
LYONS_FALL_HYD 23570	49.62 1.06 -18.67	133.72 0.79 -106.37	64.83 0.76 -36.91	28.44 0.73 -0.78	35.37 0.97 0.00	27.25 0.79 -0.04	34.93 1.22 -0.78	37.20 1.12 -1.03	27.74 0.74 -0.19	22.72 0.37 0.00	24.70 0.33 -0.01	25.31 0.31 -0.51	26.16 0.34 -0.09	29.66 0.48 -0.50	36.65 0.68 -1.05	29.89 0.58 -0.75	33.17 0.79 -0.91	46.31 1.36 -2.07	62.14 1.93 -6.15	52.80 1.71 -9.49	48.54 1.75 -3.66	40.85 1.37 -1.63	42.87 1.18 -2.29	36.00 0.99 -1.22
MADISON___COUNTY_LFGE 323628	36.96 0.97 -6.09	62.04 0.81 -34.68	40.00 0.81 -12.03	27.96 0.79 -0.25	35.43 1.02 0.00	27.30 0.83 -0.05	35.08 1.15 -0.99	37.51 1.14 -1.33	27.83 0.78 -0.25	22.80 0.45 0.00	24.84 0.46 -0.01	25.59 0.45 -0.65	26.32 0.47 -0.11	29.95 0.63 -0.64	37.17 0.91 -1.34	30.26 0.74 -0.96	33.67 1.03 -1.16	47.18 1.66 -2.65	64.16 2.25 -7.86	52.34 1.79 -8.95	49.45 1.76 -4.56	41.36 1.43 -2.09	43.64 1.31 -2.92	36.41 1.06 -1.56
MALONE___115KV_TB1 356076	66.25 0.75 -35.60	230.34 0.94 -202.84	98.45 0.91 -70.39	29.29 0.88 -1.49	35.47 1.06 0.00	27.29 0.87 0.00	34.17 1.23 0.00	36.35 1.31 0.00	27.69 0.88 0.00	22.99 0.65 0.00	25.11 0.74 0.00	25.20 0.71 0.00	26.52 0.78 0.00	29.47 0.79 0.00	35.81 0.90 0.00	29.26 0.70 0.00	32.36 0.89 0.00	44.06 1.18 0.00	55.39 1.34 0.00	49.17 1.21 -6.37	44.95 1.58 -0.24	39.16 1.32 0.00	40.96 1.55 0.00	35.15 1.37 0.00
MAPLEWOD_115KV_TB3 80458	30.20 0.49 0.19	10.07 0.39 16.88	27.64 0.49 0.00	27.39 0.47 0.00	33.97 0.57 1.00	26.70 0.50 0.22	33.52 0.73 0.14	33.65 0.75 2.14	27.45 0.64 0.00	22.87 0.52 0.00	24.86 0.49 0.00	25.02 0.53 0.00	26.21 0.48 0.00	29.11 0.44 0.00	35.37 0.45 0.00	28.93 0.37 0.00	31.86 0.39 0.00	43.35 0.47 0.00	54.69 0.64 0.00	42.14 0.54 0.00	43.74 0.60 0.00	38.40 0.56 0.00	39.91 0.51 0.00	34.26 0.47 0.00
MAPLE_RIDGE_WT_1 323574	27.25 -0.16 2.48	12.21 -0.20 14.14	22.04 -0.21 4.91	26.58 -0.24 0.10	34.06 -0.34 0.00	26.13 -0.29 0.00	32.66 -0.28 0.00	34.72 -0.33 0.00	26.67 -0.14 0.00	22.29 -0.05 0.00	24.36 0.00 0.00	24.48 0.00 0.00	25.75 0.01 0.00	28.69 0.01 0.00	34.91 -0.01 0.00	28.55 -0.01 0.00	31.49 0.01 0.00	42.91 0.04 0.00	54.01 -0.04 0.00	41.13 -0.02 0.44	43.15 0.03 0.02	37.81 -0.03 0.00	39.32 -0.08 0.00	33.71 -0.08 0.00
MAPLE_RIDGE_WT_2 323611	27.25 -0.16 2.48	12.21 -0.20 14.14	22.04 -0.21 4.91	26.58 -0.24 0.10	34.06 -0.34 0.00	26.13 -0.29 0.00	32.66 -0.28 0.00	34.72 -0.33 0.00	26.67 -0.14 0.00	22.29 -0.05 0.00	24.36 0.00 0.00	24.48 0.00 0.00	25.75 0.01 0.00	28.69 0.01 0.00	34.91 -0.01 0.00	28.55 -0.01 0.00	31.49 0.01 0.00	42.91 0.04 0.00	54.01 -0.04 0.00	41.13 -0.02 0.44	43.15 0.03 0.02	37.81 -0.03 0.00	39.32 -0.08 0.00	33.71 -0.08 0.00
MARBLE_RIVER_WT_PWR 323696	38.41 1.06 -7.46	70.29 1.23 -42.50	43.12 1.23 -14.75	28.40 1.17 -0.31	35.79 1.38 0.00	27.61 1.19 0.00	34.45 1.52 0.00	36.57 1.52 0.00	27.97 1.16 0.00	23.35 1.01 0.00	25.51 1.14 0.00	25.54 1.05 0.00	26.84 1.11 0.00	29.76 1.08 0.00	36.18 1.26 0.00	29.36 0.80 0.00	32.44 0.97 0.00	43.74 0.86 0.00	54.94 0.89 0.00	43.80 0.87 -1.34	44.37 1.18 -0.05	39.11 1.26 0.00	41.27 1.87 0.00	35.68 1.89 0.00
MARSHVLE_115KV_TB1 80742	31.00 1.22 0.12	17.03 1.08 10.60	28.23 1.08 0.00	28.01 1.08 0.00	35.21 1.44 0.63	27.30 1.02 0.14	34.18 1.34 0.09	35.14 1.45 1.35	27.49 0.68 0.00	22.63 0.28 0.00	24.63 0.26 0.00	24.75 0.26 0.00	25.99 0.26 0.00	29.09 0.41 0.00	35.59 0.67 0.00	29.12 0.56 0.00	32.23 0.76 0.00	44.47 1.59 0.00	56.80 2.75 0.00	43.90 2.30 0.00	45.45 2.31 0.00	39.69 1.85 0.00	41.23 1.83 0.00	35.34 1.54 0.00
MARSH_HILL_WT_PWR 323713	30.39 0.50 0.00	27.10 0.54 0.00	27.30 0.15 0.00	27.27 0.34 0.00	35.01 0.61 0.00	27.13 0.64 -0.08	34.60 0.18 -1.48	37.21 0.13 -2.03	27.14 -0.05 -0.38	22.23 -0.12 0.00	24.24 -0.14 -0.01	25.24 -0.25 -1.00	25.78 -0.13 -0.17	29.59 -0.08 -0.99	37.23 0.25 -2.06	30.44 0.41 -1.47	33.78 0.56 -1.74	47.68 0.85 -3.96	67.97 2.19 -11.73	54.80 1.48 -11.73	50.86 0.98 -6.74	41.91 0.95 -3.12	45.04 1.27 -4.36	37.18 1.07 -2.33
MCINTYRE_115KV_TB2 80467	140.60 0.91 -109.79	653.16 1.00 -625.60	245.16 0.91 -217.10	32.41 0.90 -4.58	35.56 1.15 0.00	27.30 0.86 -0.02	34.60 1.29 -0.38	36.87 1.32 -0.51	27.62 0.72 -0.09	22.56 0.22 0.00	24.68 0.31 0.00	25.08 0.34 -0.25	26.12 0.34 -0.04	29.34 0.42 -0.25	35.89 0.47 -0.51	29.31 0.38 -0.37	32.63 0.70 -0.45	45.23 1.33 -1.02	58.60 1.52 -3.02	65.96 1.70 -22.66	47.65 2.04 -2.48	40.14 1.49 -0.80	42.07 1.55 -1.12	35.61 1.22 -0.60
MECO_____69_KV_BK1 80468	31.29 1.53 0.13	16.23 1.32 11.64	28.48 1.33 0.00	28.24 1.32 0.00	35.44 1.73 0.69	27.58 1.32 0.15	34.62 1.79 0.10	35.47 1.91 1.48	27.89 1.08 0.00	22.79 0.44 0.00	24.44 0.07 0.00	24.57 0.08 0.00	25.74 0.00 0.00	28.77 0.09 0.00	35.20 0.28 0.00	28.75 0.19 0.00	31.93 0.45 0.00	44.42 1.54 0.00	57.13 3.08 0.00	44.25 2.66 0.00	45.83 2.70 0.00	40.05 2.21 0.00	41.55 2.14 0.00	35.58 1.79 0.00
MENANDS___115KV_TB5 355628	30.00 0.29 0.19	9.98 0.23 16.80	27.47 0.32 0.00	27.23 0.31 0.00	33.77 0.36 1.00	26.53 0.34 0.22	33.31 0.52 0.14	33.44 0.53 2.14	27.29 0.48 0.00	22.76 0.41 0.00	24.74 0.37 0.00	24.91 0.42 0.00	26.07 0.33 0.00	28.97 0.29 0.00	35.19 0.27 0.00	28.77 0.21 0.00	31.67 0.19 0.00	43.04 0.17 0.00	54.25 0.19 0.00	41.79 0.20 0.00	43.40 0.26 0.00	38.12 0.27 0.00	39.63 0.22 0.00	34.03 0.24 0.00
MG INDUSTRY___DRP 24185	29.67 -0.15 0.08	19.72 0.04 6.88	27.60 0.46 0.00	27.37 0.45 0.00	34.57 0.57 0.41	26.79 0.46 0.09	33.49 0.62 0.06	34.78 0.61 0.87	27.20 0.39 0.00	22.63 0.28 0.00	24.59 0.23 0.00	24.82 0.34 0.00	25.93 0.20 0.00	28.85 0.17 0.00	35.06 0.14 0.00	28.73 0.17 0.00	31.58 0.11 0.00	43.11 0.23 0.00	54.49 0.44 0.00	42.00 0.40 0.00	43.57 0.44 0.00	38.28 0.44 0.00	39.83 0.42 0.00	34.19 0.40 0.00

MID___OSWEGATCHIE_HYD 23849	97.23 0.87 -66.47	406.04 0.74 -378.74	159.25 0.66 -131.43	30.34 0.65 -2.77	35.22 0.81 0.00	27.14 0.67 -0.04	34.85 1.09 -0.83	37.17 1.03 -1.10	27.62 0.60 -0.20	22.57 0.22 0.00	24.56 0.19 -0.01	25.20 0.17 -0.54	26.04 0.21 -0.09	29.54 0.33 -0.54	36.48 0.45 -1.11	29.72 0.37 -0.79	33.02 0.57 -0.97	46.11 1.02 -2.22	61.89 1.27 -6.57	61.39 1.34 -18.46	48.87 1.51 -4.23	40.67 1.08 -1.75	42.83 0.99 -2.45	35.91 0.82 -1.31
MID___RAQUETTE_HYD 23851	128.43 0.51 -98.03	585.71 0.61 -558.55	221.50 0.52 -193.83	31.53 0.51 -4.09	35.04 0.63 0.00	26.94 0.50 -0.02	34.20 0.83 -0.45	36.41 0.78 -0.59	27.33 0.42 -0.11	22.50 0.15 0.00	24.59 0.22 0.00	25.00 0.22 -0.29	26.04 0.25 -0.05	29.32 0.35 -0.29	35.91 0.39 -0.60	29.25 0.27 -0.43	32.54 0.54 -0.52	44.99 0.92 -1.19	58.40 0.82 -3.53	63.62 0.96 -21.06	47.08 1.25 -2.69	39.60 0.82 -0.94	41.65 0.94 -1.31	35.22 0.73 -0.70
MILLIKEN___1 23584	30.51 0.61 0.00	27.10 0.55 0.00	27.60 0.45 0.00	27.39 0.47 0.00	35.02 0.61 0.00	27.05 0.52 -0.11	35.54 0.57 -2.04	38.49 0.64 -2.81	27.66 0.33 -0.52	22.55 0.21 0.00	24.57 0.19 -0.02	25.93 0.06 -1.38	26.06 0.09 -0.24	30.25 0.20 -1.37	38.21 0.45 -2.84	31.02 0.43 -2.03	34.47 0.60 -2.39	49.27 0.96 -5.43	71.71 1.57 -16.09	58.95 1.27 -16.09	53.47 1.08 -9.25	43.03 0.91 -4.27	46.32 0.94 -5.98	37.68 0.69 -3.20
MILLIKEN___2 23585	30.51 0.61 0.00	27.10 0.55 0.00	27.60 0.45 0.00	27.39 0.47 0.00	35.02 0.61 0.00	27.05 0.52 -0.11	35.54 0.57 -2.04	38.49 0.64 -2.81	27.66 0.33 -0.52	22.55 0.21 0.00	24.57 0.19 -0.02	25.93 0.06 -1.38	26.06 0.09 -0.24	30.25 0.20 -1.37	38.21 0.45 -2.84	31.02 0.43 -2.03	34.47 0.60 -2.39	49.27 0.96 -5.43	71.71 1.57 -16.09	58.95 1.27 -16.09	53.47 1.08 -9.25	43.03 0.91 -4.27	46.32 0.94 -5.98	37.68 0.69 -3.20
MILLIKEN___DIESEL 23629	30.51 0.61 0.00	27.10 0.55 0.00	27.60 0.45 0.00	27.39 0.47 0.00	35.02 0.61 0.00	27.05 0.52 -0.11	35.54 0.57 -2.04	38.49 0.64 -2.81	27.66 0.33 -0.52	22.55 0.21 0.00	24.57 0.19 -0.02	25.93 0.06 -1.38	26.06 0.09 -0.24	30.25 0.20 -1.37	38.21 0.45 -2.84	31.02 0.43 -2.03	34.47 0.60 -2.39	49.27 0.96 -5.43	71.71 1.57 -16.09	58.95 1.27 -16.09	53.47 1.08 -9.25	43.03 0.91 -4.27	46.32 0.94 -5.98	37.68 0.69 -3.20
MILLSEAT___LFGE 323607	30.57 0.68 0.00	27.47 0.92 0.00	27.77 0.62 0.00	27.53 0.60 0.00	35.30 0.90 0.00	27.26 0.78 -0.06	33.83 -0.24 -1.14	36.24 -0.36 -1.55	26.79 -0.30 -0.29	22.12 -0.22 0.00	24.31 -0.06 -0.01	25.10 -0.15 -0.76	25.95 0.09 -0.13	29.71 0.28 -0.76	37.16 0.67 -1.57	30.42 0.74 -1.12	33.56 0.76 -1.33	46.97 1.07 -3.02	65.22 2.20 -8.96	51.73 1.18 -8.96	48.92 0.64 -5.15	40.92 0.69 -2.38	43.88 1.15 -3.33	36.84 1.27 -1.78
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.09 0.97 -0.22	47.18 0.72 -19.90	27.87 0.72 0.00	27.59 0.66 0.00	36.50 0.91 -1.18	27.53 0.85 -0.27	34.33 1.22 -0.17	39.00 1.43 -2.54	28.09 1.28 0.00	23.52 1.17 0.00	25.66 1.30 0.00	25.80 1.31 0.00	27.08 1.34 0.00	30.15 1.47 0.00	36.62 1.70 0.00	29.88 1.32 0.00	32.82 1.34 0.00	44.56 1.68 0.00	56.00 1.94 0.00	43.18 1.58 0.00	44.56 1.43 0.00	39.16 1.31 0.00	40.78 1.37 0.00	35.07 1.28 0.00
MILLWOOD_13_KV_LOAD 356217	31.13 1.01 -0.22	47.21 0.75 -19.90	27.91 0.76 0.00	27.62 0.70 0.00	36.54 0.96 -1.18	27.57 0.89 -0.27	34.38 1.28 -0.17	39.06 1.49 -2.54	28.13 1.32 0.00	23.55 1.20 0.00	25.69 1.33 0.00	25.84 1.35 0.00	27.12 1.39 0.00	30.20 1.52 0.00	36.68 1.76 0.00	29.94 1.38 0.00	32.88 1.41 0.00	44.64 1.76 0.00	56.10 2.04 0.00	43.26 1.66 0.00	44.64 1.50 0.00	39.22 1.37 0.00	40.84 1.43 0.00	35.13 1.34 0.00
MODEL_CITY_ENERGY 24167	29.67 -0.23 0.00	26.80 0.25 0.00	27.07 -0.08 0.00	26.83 -0.09 0.00	34.41 0.00 0.00	26.54 0.06 -0.06	32.56 -1.52 -1.14	34.73 -1.87 -1.56	25.68 -1.41 -0.29	21.38 -0.96 0.00	23.61 -0.77 -0.01	24.35 -0.90 -0.77	25.18 -0.69 -0.13	28.75 -0.69 -0.76	36.01 -0.48 -1.58	29.48 -0.20 -1.13	32.50 -0.31 -1.33	45.39 -0.52 -3.04	63.03 -0.03 -9.00	49.89 -0.72 -9.00	47.00 -1.31 -5.18	39.36 -0.88 -2.39	42.48 -0.28 -3.35	35.92 0.34 -1.79
MODERN_LFGE___ 323580	29.67 -0.23 0.00	26.80 0.25 0.00	27.07 -0.08 0.00	26.83 -0.09 0.00	34.41 0.00 0.00	26.54 0.06 -0.06	32.56 -1.52 -1.14	34.73 -1.87 -1.56	25.68 -1.41 -0.29	21.38 -0.96 0.00	23.61 -0.77 -0.01	24.35 -0.90 -0.77	25.18 -0.69 -0.13	28.75 -0.69 -0.76	36.01 -0.48 -1.58	29.48 -0.20 -1.13	32.50 -0.31 -1.33	45.39 -0.52 -3.04	63.03 -0.03 -9.00	49.89 -0.72 -9.00	47.00 -1.31 -5.18	39.36 -0.88 -2.39	42.48 -0.28 -3.35	35.92 0.34 -1.79
MOHAWK_PAPER___DRP 24187	30.20 0.49 0.19	10.07 0.39 16.88	27.64 0.49 0.00	27.39 0.47 0.00	33.97 0.57 1.00	26.70 0.50 0.22	33.52 0.73 0.14	33.65 0.75 2.14	27.45 0.64 0.00	22.87 0.52 0.00	24.86 0.49 0.00	25.02 0.53 0.00	26.21 0.48 0.00	29.11 0.44 0.00	35.37 0.45 0.00	28.93 0.37 0.00	31.86 0.39 0.00	43.35 0.47 0.00	54.69 0.64 0.00	42.14 0.54 0.00	43.74 0.60 0.00	38.40 0.56 0.00	39.91 0.51 0.00	34.26 0.47 0.00
MOHICAN___35_KV_115KV_LD 80490	31.17 1.50 0.23	7.28 1.25 20.53	28.36 1.20 0.00	28.14 1.21 0.00	34.81 1.62 1.22	27.47 1.33 0.28	34.69 1.94 0.18	34.46 2.05 2.62	28.21 1.41 0.00	23.42 1.08 0.00	25.41 1.05 0.00	25.52 1.04 0.00	26.69 0.96 0.00	29.74 1.06 0.00	36.12 1.20 0.00	29.46 0.90 0.00	32.64 1.17 0.00	44.71 1.83 0.00	56.66 2.61 0.00	43.84 2.25 0.00	45.58 2.44 0.00	39.84 1.99 0.00	41.37 1.97 0.00	35.57 1.78 0.00
MONGAUP___HYD 23641	31.10 1.02 -0.18	43.64 0.79 -16.29	27.93 0.78 0.00	27.65 0.73 0.00	36.36 0.98 -0.97	27.52 0.88 -0.22	34.45 1.38 -0.14	38.56 1.45 -2.07	27.92 1.11 0.00	23.21 0.86 0.00	25.16 0.80 0.00	25.30 0.81 0.00	26.61 0.87 0.00	29.60 0.92 0.00	36.02 1.10 0.00	29.59 1.03 0.00	32.71 1.23 0.00	44.62 1.74 0.00	56.27 2.22 0.00	43.43 1.83 0.00	44.83 1.69 0.00	39.35 1.50 0.00	40.90 1.50 0.00	35.03 1.24 0.00
MONTAUK___DIESEL 23721	30.62 0.50 -0.22	46.93 0.39 -19.98	27.68 0.53 0.00	27.48 0.55 0.00	36.31 0.71 -1.18	27.34 0.66 -0.27	32.98 -0.12 -0.17	38.43 0.84 -2.55	27.19 0.39 0.00	23.13 0.79 0.00	25.82 1.46 0.00	26.34 1.86 0.00	27.28 1.55 0.00	30.02 1.35 0.00	35.56 0.64 0.00	24.64 -0.08 3.84	28.10 0.13 3.50	42.77 -0.11 0.00	53.89 -0.16 0.00	41.75 0.16 0.00	43.15 0.02 0.00	38.41 0.57 0.00	41.17 1.77 0.00	35.70 1.91 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.14 0.25 0.00	27.03 0.47 0.00	27.26 0.11 0.00	27.16 0.23 0.00	34.79 0.39 0.00	27.10 0.62 -0.06	34.03 -0.09 -1.19	36.78 0.12 -1.62	27.06 -0.05 -0.30	22.62 0.27 0.00	24.90 0.53 -0.01	25.67 0.38 -0.80	26.51 0.64 -0.14	30.28 0.81 -0.79	37.97 1.42 -1.64	30.82 1.10 -1.17	34.08 1.22 -1.39	47.66 1.63 -3.15	66.06 2.65 -9.35	52.61 1.66 -9.35	49.59 1.08 -5.38	41.47 1.14 -2.49	44.46 1.58 -3.48	37.01 1.36 -1.86

MORRIS_RIDGE___SOLAR 323848	30.14 0.24 0.00	26.97 0.42 0.00	27.21 0.06 0.00	27.05 0.13 0.00	34.67 0.27 0.00	26.85 0.36 -0.07	33.95 -0.31 -1.33	36.45 -0.41 -1.82	26.68 -0.47 -0.34	21.88 -0.47 0.00	23.89 -0.49 -0.01	24.81 -0.57 -0.89	25.46 -0.43 -0.15	29.15 -0.42 -0.88	36.58 -0.18 -1.84	29.95 0.07 -1.31	33.18 0.15 -1.56	46.64 0.22 -3.54	65.85 1.29 -10.50	52.85 0.75 -10.50	49.42 0.25 -6.04	41.01 0.37 -2.79	44.01 0.71 -3.91	36.54 0.66 -2.08
MORTIMER_115KV_TB3 55949	30.24 0.34 0.00	26.98 0.43 0.00	27.40 0.25 0.00	27.16 0.24 0.00	34.79 0.38 0.00	26.84 0.36 -0.06	33.94 -0.11 -1.12	36.42 -0.15 -1.53	26.92 -0.16 -0.28	22.26 -0.09 0.00	24.42 0.04 -0.01	25.24 0.00 -0.75	26.03 0.17 -0.13	29.70 0.27 -0.74	37.13 0.66 -1.55	30.29 0.62 -1.11	33.46 0.68 -1.31	46.90 1.05 -2.98	64.64 1.75 -8.83	51.39 0.97 -8.83	48.80 0.59 -5.08	40.71 0.52 -2.35	43.40 0.72 -3.28	36.16 0.61 -1.75
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.22 1.10 -0.22	47.36 0.83 -19.98	27.97 0.82 0.00	27.69 0.76 0.00	36.64 1.05 -1.18	27.67 0.99 -0.27	34.54 1.43 -0.17	39.26 1.67 -2.55	28.32 1.51 0.00	23.72 1.38 0.00	25.87 1.51 0.00	26.01 1.52 0.00	27.29 1.55 0.00	30.38 1.70 0.00	36.88 1.96 0.00	30.10 1.54 0.00	33.05 1.57 0.00	44.82 1.95 0.00	56.29 2.23 0.00	43.39 1.80 0.00	44.77 1.64 0.00	39.36 1.52 0.00	40.98 1.58 0.00	35.25 1.46 0.00
MUNSVILLE_WIND_PWR 323609	31.67 1.77 0.00	28.02 1.47 0.00	28.63 1.48 0.00	28.51 1.59 0.00	36.57 2.16 0.00	28.25 1.75 -0.08	36.58 2.21 -1.43	39.38 2.38 -1.95	28.60 1.43 -0.36	23.45 1.10 0.00	25.55 1.18 -0.01	26.47 1.02 -0.96	27.07 1.17 -0.16	31.14 1.51 -0.95	38.95 2.05 -1.98	31.78 1.81 -1.41	35.28 2.13 -1.68	50.13 3.44 -3.82	70.29 4.92 -11.31	56.66 3.75 -11.31	53.20 3.56 -6.51	43.85 3.00 -3.01	46.52 2.91 -4.21	38.20 2.16 -2.25
N SALMON___HYD 24042	66.25 0.75 -35.60	230.34 0.94 -202.84	98.45 0.91 -70.39	29.29 0.88 -1.49	35.47 1.06 0.00	27.29 0.87 0.00	34.16 1.23 0.00	36.35 1.31 0.00	27.69 0.88 0.00	22.99 0.65 0.00	25.11 0.74 0.00	25.20 0.71 0.00	26.52 0.78 0.00	29.46 0.79 0.00	35.81 0.90 0.00	29.26 0.70 0.00	32.36 0.89 0.00	44.05 1.18 0.00	55.39 1.34 0.00	49.17 1.21 -6.37	44.95 1.57 -0.24	39.16 1.32 0.00	40.95 1.55 0.00	35.15 1.37 0.00
N.AKRON__115KV_KNAPP 355671	30.66 0.76 0.00	27.56 1.01 0.00	27.85 0.70 0.00	27.61 0.68 0.00	35.41 1.00 0.00	27.35 0.87 -0.06	33.93 -0.14 -1.14	36.34 -0.25 -1.55	26.87 -0.23 -0.29	22.18 -0.17 0.00	24.39 0.01 -0.01	25.23 -0.02 -0.76	26.04 0.17 -0.13	29.80 0.36 -0.76	37.29 0.80 -1.57	30.51 0.83 -1.12	33.68 0.88 -1.33	47.13 1.23 -3.03	65.43 2.41 -8.97	51.90 1.34 -8.97	49.09 0.80 -5.16	41.05 0.82 -2.38	44.04 1.30 -3.34	36.96 1.38 -1.78
N.E_GEN_SANDY PD 24062	28.67 0.55 1.78	-133.43 0.40 160.38	27.41 0.43 0.16	27.35 0.42 0.00	25.47 0.58 9.52	24.62 0.52 2.32	34.14 0.84 -0.36	19.85 0.85 16.04	26.31 0.80 1.30	25.41 0.71 -2.35	24.17 0.71 0.90	25.23 0.74 0.00	26.44 0.71 0.00	29.39 0.71 0.00	35.62 0.70 0.00	29.09 0.53 0.00	31.99 0.51 0.00	43.42 0.55 0.00	54.66 0.61 0.00	42.14 0.55 0.00	43.76 0.63 0.00	38.43 0.59 0.00	39.99 0.58 0.00	34.38 0.59 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.03 0.94 -0.20	45.51 0.68 -18.28	27.81 0.66 0.00	27.53 0.61 0.00	36.35 0.86 -1.08	27.46 0.80 -0.24	34.29 1.20 -0.16	38.76 1.39 -2.33	28.02 1.21 0.00	23.45 1.10 0.00	25.58 1.22 0.00	25.74 1.25 0.00	27.03 1.30 0.00	30.13 1.45 0.00	36.64 1.72 0.00	29.91 1.35 0.00	32.85 1.37 0.00	44.60 1.72 0.00	56.05 1.99 0.00	43.22 1.62 0.00	44.57 1.44 0.00	39.15 1.30 0.00	40.75 1.35 0.00	35.04 1.25 0.00
N.QUEENS_27_KV_LOAD 356247	31.20 1.08 -0.22	47.30 0.77 -19.97	28.05 0.90 0.00	27.65 0.72 0.00	36.49 0.90 -1.19	27.66 0.97 -0.27	34.48 1.38 -0.17	39.19 1.61 -2.55	28.41 1.60 0.00	23.77 1.42 0.00	25.89 1.52 0.00	26.04 1.55 0.00	27.28 1.55 0.00	30.36 1.68 0.00	36.85 1.93 0.00	30.14 1.58 0.00	33.05 1.58 0.00	44.73 1.85 0.00	56.22 2.16 0.00	43.30 1.71 0.00	44.71 1.57 0.00	39.33 1.48 0.00	40.92 1.52 0.00	35.22 1.43 0.00
N.TROY___115KV_TB1 355778	30.38 0.76 0.27	2.35 0.61 24.82	27.80 0.65 0.00	27.58 0.66 0.00	33.80 0.86 1.47	26.79 0.70 0.33	33.77 1.05 0.21	32.92 1.04 3.16	27.64 0.83 0.00	23.01 0.66 0.00	24.97 0.61 0.00	25.14 0.65 0.00	26.35 0.62 0.00	29.29 0.61 0.00	35.57 0.66 0.00	29.04 0.48 0.00	32.02 0.54 0.00	43.58 0.71 0.00	54.98 0.93 0.00	42.39 0.79 0.00	44.07 0.93 0.00	38.68 0.83 0.00	40.21 0.81 0.00	34.53 0.74 0.00
NARROWS_GT1_1 24228	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT1_2 24229	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT1_3 24230	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT1_4 24231	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT1_5 24232	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00

NARROWS_GT1_6 24233	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT1_7 24234	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT1_8 24235	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT2_1 24236	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT2_2 24237	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT2_3 24238	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT2_4 24239	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT2_5 24240	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT2_6 24241	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT2_7 24242	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NARROWS_GT2_8 24243	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.81 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.53 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.40 1.84 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.65 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.84 -0.01	41.31 1.90 0.00	35.53 1.74 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.65 0.76 0.00	27.27 0.71 0.00	28.05 0.90 0.00	27.80 0.87 0.00	35.62 1.21 0.00	27.36 0.94 0.00	34.23 1.30 0.00	36.52 1.48 0.00	27.77 0.97 0.00	22.95 0.60 0.00	24.86 0.50 0.00	25.17 0.68 0.00	26.21 0.48 0.00	28.96 0.28 0.00	35.22 0.29 0.00	28.82 0.26 0.00	31.77 0.29 0.00	43.49 0.61 0.00	55.40 1.35 0.00	42.78 1.19 0.00	44.37 1.23 0.00	38.90 1.06 0.00	40.35 0.95 0.00	34.56 0.77 0.00
NCHELSEA_115KV_TR2 355582	31.23 1.16 -0.17	45.93 0.90 -18.47	28.05 0.90 0.00	27.78 0.85 0.00	36.63 1.13 -1.10	27.66 1.00 -0.25	34.47 1.38 -0.16	38.98 1.58 -2.35	28.17 1.36 0.00	23.57 1.22 0.00	25.69 1.33 0.00	25.79 1.30 0.00	27.08 1.34 0.00	30.19 1.51 0.00	36.71 1.79 0.00	30.04 1.48 0.00	33.01 1.53 0.00	44.80 1.93 0.00	56.35 2.30 0.00	43.50 1.91 0.00	44.93 1.80 0.00	39.44 1.59 0.00	41.02 1.62 0.00	35.24 1.45 0.00
NEG CAPITAL___MECHNVIL 23645	30.92 1.27 0.24	5.81 1.05 21.80	28.22 1.07 0.00	27.99 1.06 0.00	34.52 1.40 1.29	27.25 1.12 0.29	34.36 1.61 0.19	33.87 1.62 2.78	27.99 1.18 0.00	23.27 0.92 0.00	25.27 0.91 0.00	25.44 0.95 0.00	26.67 0.94 0.00	29.68 1.00 0.00	36.09 1.17 0.00	29.42 0.86 0.00	32.54 1.06 0.00	44.44 1.56 0.00	56.20 2.15 0.00	43.36 1.76 0.00	45.01 1.88 0.00	39.44 1.59 0.00	40.96 1.56 0.00	35.16 1.37 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.57 -0.33 0.00	26.35 -0.20 0.00	26.80 -0.36 0.00	26.58 -0.35 0.00	34.03 -0.37 0.00	26.24 -0.24 -0.07	33.49 -0.69 -1.25	36.01 -0.76 -1.72	26.50 -0.63 -0.32	21.84 -0.51 -0.01	23.95 -0.43 -0.01	24.84 -0.50 -0.85	25.50 -0.38 -0.14	29.18 -0.33 -0.84	36.55 -0.11 -1.74	29.75 -0.05 -1.25	32.92 -0.02 -1.47	46.35 0.14 -3.34	64.48 0.54 -9.89	51.61 0.13 -9.89	48.58 -0.24 -5.69	40.23 -0.25 -2.63	42.88 -0.21 -3.68	35.55 -0.21 -1.97

NEG CENTRAL___DRP 24199	32.39 0.63 -1.86	37.75 0.58 -10.61	31.24 0.41 -3.68	27.44 0.44 -0.08	35.01 0.60 0.00	27.12 0.56 -0.13	35.95 0.55 -2.47	39.11 0.61 -3.45	27.74 0.29 -0.64	22.51 0.16 0.00	24.53 0.14 -0.02	26.22 0.03 -1.70	26.08 0.06 -0.29	30.51 0.15 -1.68	38.85 0.44 -3.49	31.52 0.46 -2.50	35.07 0.70 -2.89	50.46 1.01 -6.57	75.50 1.95 -19.49	62.92 1.50 -19.82	55.54 1.18 -11.22	44.01 0.98 -5.18	47.69 1.04 -7.25	38.43 0.77 -3.87
NEG CENTRAL___INDECK 23768	31.15 1.25 0.00	27.81 1.26 0.00	28.11 0.96 0.00	27.92 0.99 0.00	35.80 1.39 0.00	27.71 1.22 -0.07	35.29 1.05 -1.31	37.95 1.12 -1.79	27.79 0.65 -0.33	22.92 0.58 0.00	25.04 0.67 -0.01	25.92 0.55 -0.88	26.37 0.48 -0.15	30.12 0.57 -0.87	38.06 1.33 -1.82	31.42 1.56 -1.30	34.83 1.82 -1.53	49.03 2.66 -3.49	68.60 4.19 -10.35	54.76 2.82 -10.35	51.45 2.36 -5.95	42.62 2.02 -2.75	45.48 2.23 -3.85	37.62 1.77 -2.06
NEG CENTRAL___SENECA 23627	30.78 0.89 0.00	27.40 0.84 0.00	27.74 0.60 0.00	27.56 0.64 0.00	35.27 0.86 0.00	27.34 0.81 -0.12	35.94 0.81 -2.20	39.02 0.93 -3.05	27.86 0.48 -0.57	22.67 0.32 0.00	24.68 0.29 -0.02	26.13 0.14 -1.50	26.17 0.18 -0.26	30.47 0.30 -1.49	38.68 0.67 -3.09	31.43 0.67 -2.21	35.04 0.99 -2.57	50.14 1.43 -5.84	74.02 2.65 -17.32	60.96 2.04 -17.32	54.74 1.64 -9.96	43.84 1.39 -4.60	47.32 1.47 -6.44	38.32 1.09 -3.44
NEG CENTRAL___STATE_STREET 24147	32.18 0.35 -1.93	37.89 0.33 -11.01	31.20 0.23 -3.82	27.24 0.24 -0.08	34.74 0.33 0.00	26.86 0.30 -0.14	35.74 0.25 -2.56	38.90 0.28 -3.58	27.55 0.08 -0.66	22.35 0.00 0.00	24.37 -0.01 -0.02	26.17 -0.07 -1.76	25.99 -0.05 -0.30	30.45 0.03 -1.74	38.77 0.23 -3.62	31.39 0.25 -2.59	34.86 0.38 -3.00	50.32 0.64 -6.80	75.40 1.17 -20.18	62.98 0.87 -20.52	55.41 0.66 -11.62	43.75 0.54 -5.36	47.47 0.57 -7.50	38.21 0.41 -4.01
NEG MILLWOOD___DRP 24198	31.28 1.19 -0.19	46.91 0.92 -19.44	28.06 0.91 0.00	27.78 0.86 0.00	36.72 1.16 -1.15	27.71 1.03 -0.26	34.56 1.46 -0.17	39.20 1.68 -2.48	28.27 1.46 0.00	23.66 1.31 0.00	25.80 1.43 0.00	25.94 1.46 0.00	27.22 1.49 0.00	30.31 1.63 0.00	36.85 1.93 0.00	30.13 1.57 0.00	33.12 1.64 0.00	45.00 2.13 0.00	56.58 2.53 0.00	43.61 2.02 0.00	45.02 1.88 0.00	39.52 1.67 0.00	41.10 1.69 0.00	35.32 1.52 0.00
NEG NORTH_FLCN_SEA 23793	38.53 1.17 -7.46	70.34 1.29 -42.50	43.16 1.26 -14.75	28.44 1.20 -0.31	35.84 1.44 0.00	27.66 1.24 0.00	34.51 1.58 0.00	36.63 1.59 0.00	28.00 1.19 0.00	23.37 1.03 0.00	25.52 1.16 0.00	25.55 1.07 0.00	26.85 1.12 0.00	29.75 1.07 0.00	36.16 1.24 0.00	29.34 0.78 0.00	32.40 0.93 0.00	43.62 0.75 0.00	54.80 0.74 0.00	43.67 0.74 -1.34	44.26 1.07 -0.05	39.07 1.23 0.00	41.29 1.89 0.00	35.73 1.94 0.00
NEG NORTH_KES_CHATEGAY 23792	44.95 0.55 -14.51	109.97 0.74 -82.68	56.57 0.73 -28.69	28.24 0.71 -0.61	35.22 0.82 0.00	27.11 0.69 0.00	33.88 0.95 0.00	36.03 0.98 0.00	27.49 0.68 0.00	22.86 0.51 0.00	24.95 0.58 0.00	25.03 0.54 0.00	26.33 0.60 0.00	29.25 0.57 0.00	35.56 0.64 0.00	28.99 0.43 0.00	32.03 0.55 0.00	43.46 0.59 0.00	54.70 0.65 0.00	44.82 0.62 -2.60	44.21 0.98 -0.10	38.75 0.91 0.00	40.58 1.18 0.00	34.98 1.18 0.00
NEG NORTH___ALICE_FALLS 23915	39.74 1.11 -8.74	77.58 1.26 -49.77	45.66 1.24 -17.27	28.46 1.17 -0.36	35.81 1.41 0.00	27.63 1.21 0.00	34.49 1.56 0.00	36.64 1.60 0.00	27.97 1.16 0.00	23.29 0.94 0.00	25.41 1.05 0.00	25.46 0.97 0.00	26.77 1.03 0.00	29.70 1.02 0.00	36.14 1.23 0.00	29.37 0.81 0.00	32.48 1.00 0.00	43.90 1.03 0.00	55.24 1.18 0.00	44.25 1.09 -1.56	44.63 1.44 -0.06	39.28 1.43 0.00	41.33 1.92 0.00	35.67 1.88 0.00
NEG NORTH___LWR_SARANAC 23913	39.74 1.11 -8.74	77.58 1.26 -49.77	45.66 1.24 -17.27	28.46 1.17 -0.36	35.81 1.41 0.00	27.63 1.21 0.00	34.49 1.56 0.00	36.64 1.60 0.00	27.97 1.16 0.00	23.29 0.94 0.00	25.41 1.05 0.00	25.46 0.97 0.00	26.77 1.03 0.00	29.70 1.02 0.00	36.14 1.23 0.00	29.37 0.81 0.00	32.48 1.00 0.00	43.90 1.03 0.00	55.24 1.18 0.00	44.25 1.09 -1.56	44.63 1.44 -0.06	39.28 1.43 0.00	41.33 1.92 0.00	35.67 1.88 0.00
NEG NORTH___PLATTSBURG 23628	39.74 1.11 -8.74	77.58 1.25 -49.77	45.66 1.24 -17.27	28.46 1.17 -0.36	35.81 1.41 0.00	27.63 1.21 0.00	34.49 1.56 0.00	36.64 1.60 0.00	27.97 1.16 0.00	23.29 0.94 0.00	25.41 1.05 0.00	25.46 0.97 0.00	26.77 1.04 0.00	29.70 1.02 0.00	36.14 1.22 0.00	29.37 0.81 0.00	32.48 1.00 0.00	43.91 1.03 0.00	55.23 1.18 0.00	44.25 1.09 -1.56	44.63 1.44 -0.06	39.28 1.43 0.00	41.32 1.92 0.00	35.67 1.88 0.00
NEG WEST_LEA_LOCKPORT 23791	29.92 0.02 0.00	26.97 0.42 0.00	27.25 0.10 0.00	27.01 0.09 0.00	34.64 0.24 0.00	26.73 0.25 -0.06	32.91 -1.16 -1.14	35.16 -1.45 -1.56	25.95 -1.14 -0.29	21.59 -0.76 0.00	23.82 -0.55 -0.01	24.59 -0.67 -0.77	25.43 -0.44 -0.13	29.04 -0.39 -0.76	36.41 -0.09 -1.58	29.79 0.10 -1.13	32.83 0.02 -1.33	45.87 -0.04 -3.04	63.66 0.59 -9.01	50.40 -0.20 -9.01	47.52 -0.80 -5.18	39.79 -0.45 -2.39	42.91 0.16 -3.35	36.15 0.57 -1.79
NEG WEST___LANCASTR 23811	29.95 0.05 0.00	26.88 0.32 0.00	27.12 -0.03 0.00	26.91 -0.01 0.00	34.49 0.08 0.00	26.65 0.17 -0.06	33.23 -0.88 -1.19	35.67 -0.99 -1.62	26.25 -0.86 -0.30	21.87 -0.48 0.00	24.12 -0.26 -0.01	24.91 -0.37 -0.80	25.71 -0.16 -0.14	29.36 -0.10 -0.79	36.87 0.31 -1.63	30.02 0.29 -1.17	33.12 0.26 -1.39	46.36 0.33 -3.15	64.34 0.94 -9.35	51.10 0.15 -9.35	48.07 -0.45 -5.38	40.18 -0.15 -2.49	43.24 0.36 -3.48	36.06 0.41 -1.86
NEG_PENN_ALLEGHNY 23528	30.27 0.38 0.00	26.92 0.36 0.00	27.37 0.22 0.00	27.18 0.26 0.00	34.74 0.33 0.00	26.81 0.31 -0.08	34.60 0.25 -1.43	37.26 0.29 -1.94	27.30 0.13 -0.36	22.53 0.18 0.00	24.59 0.21 -0.01	25.58 0.14 -0.95	26.08 0.19 -0.16	29.88 0.27 -0.94	37.37 0.49 -1.96	30.38 0.42 -1.40	33.62 0.47 -1.67	47.35 0.67 -3.80	66.37 1.05 -11.27	53.60 0.74 -11.27	50.12 0.50 -6.48	41.35 0.51 -2.99	44.17 0.57 -4.19	36.44 0.41 -2.24
NEG___GEN_MONROE 24207	30.56 0.67 0.00	27.30 0.74 0.00	27.73 0.58 0.00	27.48 0.55 0.00	35.18 0.77 0.00	27.26 0.78 -0.06	34.26 0.21 -1.12	36.64 0.06 -1.53	27.08 -0.02 -0.28	22.35 0.01 0.00	24.50 0.13 -0.01	25.32 0.07 -0.75	26.14 0.27 -0.13	29.84 0.42 -0.74	37.33 0.86 -1.55	30.50 0.83 -1.11	33.67 0.88 -1.31	47.17 1.32 -2.98	65.09 2.20 -8.83	51.79 1.36 -8.83	49.13 0.92 -5.08	41.00 0.81 -2.35	43.78 1.10 -3.28	36.56 1.02 -1.76
NEPA___ENERGY 23901	30.05 0.15 0.00	26.94 0.39 0.00	27.01 -0.14 0.00	26.89 -0.03 0.00	34.46 0.05 0.00	26.74 0.26 -0.06	33.58 -0.55 -1.19	36.07 -0.59 -1.62	26.44 -0.67 -0.30	22.09 -0.26 0.00	24.31 -0.07 -0.01	25.05 -0.23 -0.80	25.84 -0.03 -0.14	29.57 0.10 -0.79	37.09 0.53 -1.64	30.17 0.44 -1.17	33.35 0.48 -1.39	46.70 0.66 -3.16	64.67 1.24 -9.38	51.53 0.55 -9.38	48.43 -0.10 -5.39	40.46 0.12 -2.49	43.39 0.50 -3.49	36.10 0.45 -1.86

NEVERSINK___HYD 23608	30.80 0.78 -0.12	40.38 0.55 -13.28	27.68 0.53 0.00	27.42 0.49 0.00	35.86 0.67 -0.79	27.21 0.61 -0.18	33.96 0.91 -0.11	37.89 1.16 -1.69	28.24 1.44 0.00	23.60 1.25 0.00	25.64 1.28 0.00	25.62 1.14 0.00	26.75 1.01 0.00	29.48 0.80 0.00	35.74 0.82 0.00	29.25 0.69 0.00	32.29 0.81 0.00	43.96 1.09 0.00	55.45 1.40 0.00	42.80 1.20 0.00	44.18 1.04 0.00	38.75 0.91 0.00	40.28 0.88 0.00	34.50 0.71 0.00
NEWKRMKL_115KV_TB1 55635	29.88 0.15 0.17	11.71 0.12 14.96	27.38 0.22 0.00	27.13 0.20 0.00	33.74 0.22 0.89	26.46 0.24 0.20	33.18 0.38 0.13	33.53 0.39 1.91	27.19 0.38 0.00	22.67 0.33 0.00	24.65 0.29 0.00	24.83 0.34 0.00	25.96 0.23 0.00	28.85 0.18 0.00	35.06 0.14 0.00	28.67 0.11 0.00	31.58 0.11 0.00	42.94 0.07 0.00	54.13 0.07 0.00	41.70 0.11 0.00	43.27 0.14 0.00	37.99 0.15 0.00	39.49 0.08 0.00	33.90 0.11 0.00
NEWTON___FALLS_HYD 23847	97.23 0.87 -66.47	406.04 0.74 -378.74	159.25 0.66 -131.43	30.34 0.65 -2.77	35.22 0.81 0.00	27.14 0.67 -0.04	34.85 1.09 -0.83	37.17 1.03 -1.10	27.62 0.60 -0.20	22.57 0.22 0.00	24.56 0.19 -0.01	25.20 0.17 -0.54	26.04 0.21 -0.09	29.54 0.33 -0.54	36.48 0.45 -1.11	29.72 0.37 -0.79	33.02 0.57 -0.97	46.11 1.02 -2.22	61.89 1.27 -6.57	61.39 1.34 -18.46	48.87 1.51 -4.23	40.67 1.08 -1.75	42.83 0.99 -2.45	35.91 0.82 -1.31
NGRID_A1_DSASP 323792	29.70 -0.20 0.00	26.75 0.19 0.00	27.02 -0.12 0.00	26.79 -0.14 0.00	34.35 -0.06 0.00	26.49 0.00 -0.06	32.60 -1.47 -1.14	34.68 -1.92 -1.55	25.53 -1.56 -0.29	21.30 -1.05 0.00	23.54 -0.83 -0.01	24.29 -0.96 -0.76	25.13 -0.73 -0.13	28.68 -0.75 -0.75	35.97 -0.52 -1.57	29.40 -0.28 -1.12	32.40 -0.40 -1.33	45.15 -0.74 -3.02	62.42 -0.59 -8.96	49.37 -1.18 -8.96	46.51 -1.78 -5.15	39.02 -1.20 -2.38	42.30 -0.43 -3.33	35.54 -0.03 -1.78
NGRID_A2_DSASP 323793	29.70 -0.20 0.00	26.75 0.19 0.00	27.02 -0.12 0.00	26.79 -0.14 0.00	34.35 -0.06 0.00	26.49 0.00 -0.06	32.60 -1.47 -1.14	34.68 -1.92 -1.55	25.53 -1.56 -0.29	21.30 -1.05 0.00	23.54 -0.83 -0.01	24.29 -0.96 -0.76	25.13 -0.73 -0.13	28.68 -0.75 -0.75	35.97 -0.52 -1.57	29.40 -0.28 -1.12	32.40 -0.40 -1.33	45.15 -0.74 -3.02	62.42 -0.59 -8.96	49.37 -1.18 -8.96	46.51 -1.78 -5.15	39.02 -1.20 -2.38	42.30 -0.43 -3.33	35.54 -0.03 -1.78
NGRID_A4_DSASP 323807	29.70 -0.20 0.00	26.75 0.19 0.00	27.02 -0.12 0.00	26.79 -0.14 0.00	34.35 -0.06 0.00	26.49 0.00 -0.06	32.60 -1.47 -1.14	34.68 -1.92 -1.55	25.53 -1.56 -0.29	21.30 -1.05 0.00	23.54 -0.83 -0.01	24.29 -0.96 -0.76	25.13 -0.73 -0.13	28.68 -0.75 -0.75	35.97 -0.52 -1.57	29.40 -0.28 -1.12	32.40 -0.40 -1.33	45.15 -0.74 -3.02	62.42 -0.59 -8.96	49.37 -1.18 -8.96	46.51 -1.78 -5.15	39.02 -1.20 -2.38	42.30 -0.43 -3.33	35.54 -0.03 -1.78
NIAGARA_115E_LBMP 323715	29.52 -0.37 0.00	26.69 0.14 0.00	26.97 -0.19 0.00	26.73 -0.20 0.00	34.28 -0.13 0.00	26.44 -0.05 -0.06	32.38 -1.70 -1.14	34.51 -2.09 -1.56	25.53 -1.57 -0.29	21.27 -1.07 0.00	23.48 -0.89 -0.01	24.22 -1.03 -0.77	25.04 -0.83 -0.13	28.58 -0.85 -0.76	35.81 -0.69 -1.58	29.32 -0.36 -1.13	32.31 -0.50 -1.33	45.13 -0.78 -3.04	62.69 -0.38 -9.01	49.60 -1.00 -9.01	46.70 -1.61 -5.18	39.11 -1.13 -2.39	42.25 -0.51 -3.35	35.79 0.21 -1.79
NIAGARA_115W_LBMP 323714	29.66 -0.24 0.00	26.72 0.16 0.00	26.99 -0.16 0.00	26.76 -0.17 0.00	34.31 -0.09 0.00	26.45 -0.03 -0.06	32.56 -1.51 -1.14	34.61 -1.98 -1.55	25.49 -1.60 -0.29	21.25 -1.09 0.00	23.51 -0.87 -0.01	24.24 -1.01 -0.76	25.08 -0.78 -0.13	28.63 -0.81 -0.75	35.90 -0.59 -1.57	29.34 -0.34 -1.12	32.34 -0.47 -1.33	45.04 -0.85 -3.02	62.26 -0.74 -8.95	49.25 -1.29 -8.95	46.39 -1.89 -5.15	38.92 -1.30 -2.38	42.21 -0.51 -3.33	35.48 -0.09 -1.78
NIAGARA_230_LBMP 323716	29.70 -0.19 0.00	26.75 0.19 0.00	27.03 -0.11 0.00	26.80 -0.12 0.00	34.37 -0.04 0.00	26.50 0.02 -0.06	32.66 -1.39 -1.13	34.86 -1.72 -1.54	25.73 -1.36 -0.29	21.45 -0.89 0.00	23.70 -0.67 -0.01	24.45 -0.79 -0.76	25.29 -0.58 -0.13	28.85 -0.58 -0.75	36.17 -0.30 -1.55	29.53 -0.14 -1.11	32.57 -0.22 -1.32	45.50 -0.37 -3.00	63.01 0.07 -8.88	49.85 -0.63 -8.88	47.02 -1.22 -5.11	39.42 -0.79 -2.36	42.59 -0.12 -3.30	35.72 0.17 -1.76
NIAGARA___115KV_198_GIBSON 55903	29.65 -0.24 0.00	26.72 0.16 0.00	26.99 -0.16 0.00	26.76 -0.17 0.00	34.31 -0.10 0.00	26.45 -0.03 -0.06	32.57 -1.49 -1.14	34.64 -1.95 -1.55	25.49 -1.60 -0.29	21.26 -1.09 0.00	23.50 -0.87 -0.01	24.24 -1.01 -0.76	25.09 -0.78 -0.13	28.63 -0.81 -0.75	35.91 -0.58 -1.57	29.35 -0.33 -1.12	32.34 -0.46 -1.33	45.05 -0.84 -3.02	62.25 -0.75 -8.95	49.25 -1.29 -8.95	46.38 -1.91 -5.15	38.92 -1.30 -2.38	42.20 -0.53 -3.33	35.48 -0.09 -1.78
NIAGARA____ 23760	29.70 -0.19 0.00	26.75 0.19 0.00	27.03 -0.11 0.00	26.80 -0.12 0.00	34.37 -0.04 0.00	26.50 0.02 -0.06	32.68 -1.39 -1.14	34.87 -1.72 -1.55	25.73 -1.36 -0.29	21.45 -0.89 0.00	23.70 -0.67 -0.01	24.46 -0.79 -0.76	25.29 -0.58 -0.13	28.85 -0.58 -0.75	36.18 -0.30 -1.56	29.54 -0.14 -1.12	32.58 -0.22 -1.32	45.52 -0.37 -3.01	63.06 0.07 -8.93	49.90 -0.63 -8.93	47.05 -1.22 -5.13	39.44 -0.79 -2.38	42.63 -0.12 -3.34	35.74 0.17 -1.78
NINE_MILE_1 23575	29.23 -0.66 0.00	25.97 -0.58 0.00	26.52 -0.63 0.00	26.29 -0.63 0.00	33.61 -0.80 0.00	25.00 -0.62 0.80	17.05 -0.87 15.01	13.98 -0.92 20.14	22.33 -0.74 3.73	21.71 -0.62 0.01	23.57 -0.68 0.12	13.86 -0.70 9.93	23.32 -0.72 1.69	18.11 -0.77 9.80	13.67 -0.87 20.38	13.31 -0.69 14.56	13.17 -0.74 17.57	1.84 -0.97 40.06	-65.83 -1.10 118.78	-78.05 -0.87 118.78	-26.19 -1.02 68.31	5.39 -0.89 31.57	-5.70 -0.91 44.18	9.40 -0.80 23.60
NINE_MILE_2 23744	29.23 -0.66 0.00	25.97 -0.58 0.00	26.52 -0.63 0.00	26.29 -0.63 0.00	33.61 -0.80 0.00	24.99 -0.62 0.81	16.80 -0.87 15.26	13.63 -0.92 20.48	22.27 -0.74 3.79	21.71 -0.62 0.01	23.56 -0.68 0.12	13.69 -0.70 10.10	23.30 -0.72 1.72	17.94 -0.77 9.97	13.33 -0.87 20.73	13.06 -0.69 14.81	12.87 -0.74 17.87	1.16 -0.97 40.75	-67.85 -1.10 120.81	-80.09 -0.87 120.81	-27.36 -1.02 69.48	4.85 -0.89 32.11	-6.45 -0.92 44.94	8.99 -0.80 24.00
NM_CAPITAL___DRP 24208	29.92 0.21 0.18	10.09 0.16 16.63	27.42 0.26 0.00	27.18 0.25 0.00	33.71 0.29 0.99	26.49 0.29 0.22	33.24 0.45 0.14	33.38 0.45 2.12	27.24 0.43 0.00	22.72 0.37 0.00	24.69 0.32 0.00	24.85 0.37 0.00	26.01 0.27 0.00	28.91 0.23 0.00	35.11 0.19 0.00	28.70 0.14 0.00	31.60 0.12 0.00	42.93 0.06 0.00	54.12 0.07 0.00	41.70 0.11 0.00	43.30 0.16 0.00	38.03 0.18 0.00	39.54 0.13 0.00	33.95 0.16 0.00
NM_CENTRAL___DRP 24181	32.85 -0.01 -2.97	43.43 -0.03 -16.90	32.94 -0.07 -5.86	26.97 -0.07 -0.12	34.32 -0.08 0.00	26.47 -0.05 -0.11	34.74 -0.19 -2.00	37.52 -0.19 -2.67	27.09 -0.21 -0.49	22.16 -0.18 0.00	24.19 -0.19 -0.02	25.59 -0.22 -1.32	25.77 -0.19 -0.22	29.85 -0.13 -1.30	37.59 -0.04 -2.70	30.50 0.01 -1.93	33.85 0.03 -2.34	48.31 0.10 -5.34	70.20 0.32 -15.82	58.13 0.18 -16.35	52.26 0.01 -9.12	42.03 -0.02 -4.21	45.24 -0.05 -5.89	36.85 -0.08 -3.15

NM_FRONTIER___DRP 24179	29.65 -0.24 0.00	26.72 0.16 0.00	26.99 -0.16 0.00	26.76 -0.17 0.00	34.31 -0.10 0.00	26.45 -0.03 -0.06	32.57 -1.49 -1.14	34.64 -1.95 -1.55	25.49 -1.60 -0.29	21.26 -1.09 0.00	23.50 -0.87 -0.01	24.24 -1.01 -0.76	25.09 -0.78 -0.13	28.63 -0.81 -0.75	35.91 -0.58 -1.57	29.35 -0.33 -1.12	32.34 -0.46 -1.33	45.05 -0.84 -3.02	62.25 -0.75 -8.95	49.25 -1.29 -8.95	46.38 -1.91 -5.15	38.92 -1.30 -2.38	42.20 -0.53 -3.33	35.48 -0.09 -1.78
NM_ST_REGIS___HYD 24053	115.65 0.58 -85.17	512.59 0.71 -485.32	196.21 0.64 -168.42	31.10 0.62 -3.55	35.18 0.77 0.00	27.05 0.61 -0.02	34.30 0.96 -0.40	36.52 0.94 -0.53	27.45 0.55 -0.10	22.63 0.29 0.00	24.75 0.38 0.00	25.12 0.36 -0.26	26.18 0.40 -0.04	29.40 0.47 -0.26	35.99 0.52 -0.54	29.33 0.38 -0.39	32.58 0.63 -0.47	44.95 0.99 -1.08	58.23 0.98 -3.20	61.08 1.05 -18.44	46.92 1.38 -2.41	39.68 0.99 -0.85	41.73 1.13 -1.19	35.36 0.93 -0.64
NORTHPORT___1 23551	31.07 0.96 -0.22	47.22 0.68 -19.98	27.86 0.71 0.00	27.56 0.64 0.00	36.41 0.82 -1.18	27.44 0.76 -0.27	33.95 0.85 -0.17	38.91 1.33 -2.55	27.82 1.02 0.00	23.47 1.13 0.00	25.90 1.54 0.00	26.13 1.64 0.00	27.37 1.64 0.00	30.39 1.71 0.00	36.56 1.64 0.00	25.32 0.65 3.90	28.53 0.61 3.56	43.63 0.76 0.00	54.87 0.81 0.00	42.40 0.81 0.00	43.61 0.48 0.00	38.47 0.63 0.00	40.77 1.37 0.00	35.21 1.42 0.00
NORTHPORT___2 23552	31.07 0.96 -0.22	47.22 0.68 -19.98	27.86 0.71 0.00	27.56 0.64 0.00	36.41 0.82 -1.18	27.44 0.76 -0.27	33.95 0.85 -0.17	38.91 1.33 -2.55	27.82 1.02 0.00	23.47 1.13 0.00	25.90 1.54 0.00	26.13 1.64 0.00	27.37 1.64 0.00	30.39 1.71 0.00	36.56 1.64 0.00	25.32 0.65 3.90	28.53 0.61 3.56	43.63 0.76 0.00	54.87 0.81 0.00	42.40 0.81 0.00	43.61 0.48 0.00	38.47 0.63 0.00	40.77 1.37 0.00	35.21 1.42 0.00
NORTHPORT___3 23553	30.86 0.74 -0.22	47.03 0.50 -19.98	27.66 0.50 0.00	27.36 0.44 0.00	36.17 0.58 -1.18	27.22 0.54 -0.27	33.61 0.51 -0.17	38.49 0.90 -2.55	27.61 0.80 0.00	23.30 0.96 0.00	25.72 1.36 0.00	25.94 1.45 0.00	27.19 1.45 0.00	30.19 1.51 0.00	36.18 1.26 0.00	24.96 0.28 3.88	28.18 0.23 3.54	43.12 0.24 0.00	54.19 0.14 0.00	41.89 0.30 0.00	43.10 -0.03 0.00	38.03 0.19 0.00	40.46 1.06 0.00	34.95 1.15 0.00
NORTHPORT___4 23650	30.86 0.74 -0.22	47.03 0.50 -19.98	27.66 0.50 0.00	27.36 0.44 0.00	36.17 0.58 -1.18	27.22 0.54 -0.27	33.61 0.51 -0.17	38.49 0.90 -2.55	27.61 0.80 0.00	23.30 0.96 0.00	25.72 1.36 0.00	25.94 1.45 0.00	27.19 1.45 0.00	30.19 1.51 0.00	36.18 1.26 0.00	24.96 0.28 3.88	28.18 0.23 3.54	43.12 0.24 0.00	54.19 0.14 0.00	41.89 0.30 0.00	43.10 -0.03 0.00	38.03 0.19 0.00	40.46 1.06 0.00	34.95 1.15 0.00
NORTHPORT___IC 23718	31.07 0.96 -0.22	47.22 0.68 -19.98	27.86 0.71 0.00	27.56 0.64 0.00	36.41 0.81 -1.18	27.44 0.76 -0.27	33.95 0.85 -0.17	38.91 1.32 -2.55	27.82 1.01 0.00	23.47 1.13 0.00	25.90 1.54 0.00	26.13 1.65 0.00	27.37 1.64 0.00	30.39 1.71 0.00	36.55 1.63 0.00	25.32 0.65 3.90	28.53 0.61 3.56	43.63 0.76 0.00	54.87 0.81 0.00	42.40 0.81 0.00	43.61 0.48 0.00	38.48 0.63 0.00	40.78 1.38 0.00	35.21 1.42 0.00
NORTH___COUNTRY_ESR 323785	45.00 0.44 -14.66	110.74 0.63 -83.55	56.78 0.63 -28.99	28.16 0.62 -0.61	35.12 0.71 0.00	27.02 0.60 0.00	33.75 0.82 0.00	35.88 0.84 0.00	27.41 0.60 0.00	22.83 0.48 0.00	24.94 0.57 0.00	25.02 0.54 0.00	26.32 0.58 0.00	29.25 0.57 0.00	35.55 0.63 0.00	28.98 0.42 0.00	32.03 0.55 0.00	43.46 0.58 0.00	54.59 0.53 0.00	44.70 0.49 -2.62	44.05 0.82 -0.10	38.61 0.76 0.00	40.45 1.05 0.00	34.80 1.01 0.00
NPX_GEN_1385_PROXY 323591	31.07 0.96 -0.22	47.22 0.68 -19.98	27.86 0.71 0.00	27.56 0.64 0.00	36.41 0.82 -1.18	27.44 0.76 -0.27	33.95 0.85 -0.17	38.91 1.33 -2.55	27.82 1.02 0.00	23.47 1.13 0.00	25.90 1.54 0.00	26.13 1.64 0.00	27.37 1.64 0.00	30.39 1.71 0.00	36.56 1.64 0.00	25.32 0.65 3.90	28.53 0.61 3.56	43.63 0.76 0.00	54.87 0.81 0.00	42.40 0.81 0.00	43.61 0.48 0.00	38.45 0.63 0.02	40.77 1.37 0.00	35.21 1.42 0.00
NPX_GEN_CSC 323557	30.47 0.57 0.00	26.87 0.31 0.00	27.50 0.35 0.00	27.23 0.30 0.00	34.70 0.29 0.00	26.81 0.40 0.00	33.28 0.35 0.00	36.52 1.48 0.00	27.47 0.66 0.00	23.19 0.84 0.00	25.60 1.24 0.00	25.88 1.39 0.00	27.07 1.34 0.00	30.00 1.32 0.00	36.03 1.11 0.00	25.02 0.30 3.84	28.25 0.28 3.50	43.17 0.30 0.00	54.33 0.28 0.00	42.05 0.45 0.00	43.25 0.11 0.00	38.18 0.36 0.02	40.48 1.08 0.00	34.88 1.09 0.00
NSINS_S_GLNS_FALLS 23858	31.15 1.48 0.22	7.43 1.23 20.35	28.33 1.18 0.00	28.11 1.19 0.00	34.80 1.60 1.21	27.45 1.30 0.27	34.65 1.89 0.17	34.44 2.00 2.60	28.16 1.36 0.00	23.39 1.04 0.00	25.38 1.01 0.00	25.48 1.00 0.00	26.65 0.91 0.00	29.71 1.03 0.00	36.07 1.15 0.00	29.43 0.87 0.00	32.61 1.14 0.00	44.66 1.79 0.00	56.63 2.58 0.00	43.81 2.21 0.00	45.54 2.40 0.00	39.80 1.95 0.00	41.31 1.91 0.00	35.53 1.74 0.00
NUCOR_STEEL___DRP 24197	32.16 0.29 -1.98	38.08 0.26 -11.26	31.24 0.18 -3.91	27.19 0.18 -0.08	34.67 0.26 0.00	26.80 0.24 -0.14	35.73 0.18 -2.61	38.89 0.19 -3.65	27.52 0.03 -0.68	22.31 -0.04 0.00	24.34 -0.04 -0.02	26.18 -0.11 -1.80	25.97 -0.08 -0.31	30.45 0.00 -1.78	38.79 0.18 -3.69	31.40 0.20 -2.64	34.85 0.32 -3.06	50.36 0.54 -6.94	75.64 1.00 -20.58	63.27 0.74 -20.93	55.52 0.54 -11.85	43.75 0.44 -5.47	47.52 0.46 -7.66	38.20 0.32 -4.09
NUMBER_THREE_WT_PWR 323818	60.03 1.20 -28.94	192.31 0.85 -164.90	85.16 0.79 -57.22	28.89 0.75 -1.21	35.38 0.97 0.00	27.30 0.82 -0.05	35.27 1.34 -1.01	37.58 1.19 -1.34	27.82 0.76 -0.25	22.66 0.32 0.00	24.61 0.24 -0.01	25.36 0.21 -0.66	26.12 0.27 -0.11	29.73 0.40 -0.65	36.87 0.59 -1.36	30.05 0.52 -0.97	33.37 0.71 -1.18	46.88 1.31 -2.70	63.94 1.90 -7.99	56.58 1.81 -13.17	49.80 1.88 -4.79	41.42 1.46 -2.12	43.54 1.17 -2.97	36.40 1.02 -1.59
NYISO_LBMP_REFERENCE 24008	29.90 0.00 0.00	26.56 0.00 0.00	27.15 0.00 0.00	26.92 0.00 0.00	34.41 0.00 0.00	26.42 0.00 0.00	32.93 0.00 0.00	35.04 0.00 0.00	26.81 0.00 0.00	22.35 0.00 0.00	24.36 0.00 0.00	24.49 0.00 0.00	25.74 0.00 0.00	28.68 0.00 0.00	34.92 0.00 0.00	28.56 0.00 0.00	31.48 0.00 0.00	42.88 0.00 0.00	54.05 0.00 0.00	41.59 0.00 0.00	43.14 0.00 0.00	37.85 0.00 0.00	39.40 0.00 0.00	33.79 0.00 0.00
NYPA_BRENTWD____GT 24164	31.32 1.21 -0.22	47.42 0.89 -19.98	28.05 0.90 0.00	27.76 0.83 0.00	36.64 1.04 -1.18	27.64 0.96 -0.27	34.22 1.12 -0.17	39.33 1.74 -2.55	28.09 1.28 0.00	23.70 1.36 0.00	26.12 1.75 0.00	26.37 1.88 0.00	27.61 1.88 0.00	30.65 1.98 0.00	36.90 1.98 0.00	25.79 0.99 3.76	29.05 1.01 3.44	44.21 1.33 0.00	55.63 1.57 0.00	43.00 1.41 0.00	44.20 1.07 0.00	38.99 1.15 0.00	41.25 1.85 0.00	35.54 1.75 0.00

NYPA_GOWANUS____GT5 24156	31.44	47.54	28.18	27.87	36.88	27.91	34.81	39.58	28.59	23.91	26.03	26.22	27.53	30.65	37.23	30.40	33.35	45.15	56.69	43.72	45.15	39.70	41.31	35.53
	1.32	1.01	1.03	0.94	1.29	1.22	1.71	1.99	1.78	1.56	1.67	1.73	1.79	1.97	2.30	1.84	1.87	2.28	2.64	2.12	2.01	1.84	1.90	1.74
	-0.22	-19.97	0.00	0.00	-1.19	-0.27	-0.18	-2.55	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00
NYPA_GOWANUS____GT6 24157	31.44	47.54	28.18	27.87	36.88	27.91	34.81	39.58	28.59	23.91	26.03	26.22	27.53	30.65	37.23	30.40	33.35	45.15	56.69	43.72	45.15	39.70	41.31	35.53
	1.32	1.01	1.03	0.94	1.29	1.22	1.71	1.99	1.78	1.56	1.67	1.73	1.79	1.97	2.30	1.84	1.87	2.28	2.64	2.12	2.01	1.84	1.90	1.74
	-0.22	-19.97	0.00	0.00	-1.19	-0.27	-0.18	-2.55	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	31.16	47.27	28.02	27.62	36.47	27.63	34.44	39.16	28.36	23.72	25.84	25.98	27.24	30.31	36.80	30.08	33.01	44.66	56.12	43.22	44.63	39.27	40.87	35.18
	1.05	0.74	0.87	0.69	0.88	0.94	1.34	1.58	1.55	1.37	1.47	1.49	1.50	1.64	1.88	1.53	1.53	1.79	2.06	1.62	1.50	1.42	1.47	1.39
	-0.22	-19.97	0.00	0.00	-1.18	-0.27	-0.17	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	31.16	47.27	28.02	27.62	36.47	27.63	34.44	39.16	28.36	23.72	25.84	25.98	27.24	30.31	36.80	30.08	33.01	44.66	56.12	43.22	44.63	39.27	40.87	35.18
	1.05	0.74	0.87	0.69	0.88	0.94	1.34	1.58	1.55	1.37	1.47	1.49	1.50	1.64	1.88	1.53	1.53	1.79	2.06	1.62	1.50	1.42	1.47	1.39
	-0.22	-19.97	0.00	0.00	-1.18	-0.27	-0.17	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	31.36	47.46	28.11	27.80	36.79	27.83	34.73	39.49	28.53	23.88	26.00	26.17	27.46	30.58	37.14	30.33	33.27	45.06	56.55	43.59	45.00	39.59	41.19	35.44
	1.24	0.93	0.96	0.87	1.19	1.14	1.63	1.90	1.72	1.54	1.64	1.68	1.73	1.90	2.21	1.77	1.80	2.19	2.49	1.99	1.87	1.74	1.79	1.65
	-0.22	-19.97	0.00	0.00	-1.19	-0.27	-0.17	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	31.48	47.59	28.24	27.94	36.99	27.99	34.91	39.66	28.63	23.90	25.99	26.21	27.51	30.64	37.22	30.37	33.33	45.12	56.79	43.81	45.21	39.74	41.36	35.58
	1.36	1.06	1.09	1.02	1.40	1.30	1.80	2.07	1.82	1.55	1.63	1.72	1.77	1.96	2.29	1.81	1.85	2.24	2.74	2.22	2.07	1.89	1.95	1.79
	-0.22	-19.97	0.00	0.00	-1.19	-0.27	-0.18	-2.55	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00
NYPA_VERNON____GT2 24162	31.28	47.40	28.05	27.73	36.69	27.75	34.64	39.40	28.47	23.85	25.98	26.12	27.41	30.51	37.05	30.26	33.21	44.98	56.43	43.48	44.89	39.48	41.09	35.34
	1.16	0.87	0.90	0.80	1.10	1.06	1.54	1.81	1.66	1.50	1.61	1.64	1.67	1.84	2.13	1.69	1.73	2.10	2.38	1.89	1.76	1.63	1.69	1.55
	-0.22	-19.97	0.00	0.00	-1.19	-0.27	-0.17	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	31.28	47.40	28.05	27.73	36.69	27.75	34.64	39.40	28.47	23.85	25.98	26.12	27.41	30.51	37.05	30.26	33.21	44.98	56.43	43.48	44.89	39.48	41.09	35.34
	1.16	0.87	0.90	0.80	1.10	1.06	1.54	1.81	1.66	1.50	1.61	1.64	1.67	1.84	2.13	1.69	1.73	2.10	2.38	1.89	1.76	1.63	1.69	1.55
	-0.22	-19.97	0.00	0.00	-1.19	-0.27	-0.17	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	31.22	47.34	28.00	27.67	36.61	27.69	34.56	39.31	28.41	23.81	25.92	26.07	27.35	30.44	36.96	30.19	33.12	44.86	56.29	43.39	44.81	39.39	40.99	35.27
	1.10	0.81	0.85	0.75	1.02	1.01	1.46	1.73	1.60	1.46	1.56	1.58	1.62	1.76	2.04	1.62	1.65	1.99	2.23	1.80	1.67	1.55	1.59	1.48
	-0.22	-19.97	0.00	0.00	-1.19	-0.27	-0.17	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	31.22	47.34	28.00	27.67	36.61	27.69	34.56	39.31	28.41	23.81	25.92	26.07	27.35	30.44	36.96	30.19	33.12	44.86	56.29	43.39	44.81	39.39	40.99	35.27
	1.10	0.81	0.85	0.75	1.02	1.01	1.46	1.73	1.60	1.46	1.56	1.58	1.62	1.76	2.04	1.62	1.65	1.99	2.23	1.80	1.67	1.55	1.59	1.48
	-0.22	-19.97	0.00	0.00	-1.19	-0.27	-0.17	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	30.98	47.09	27.75	27.45	36.20	27.29	33.74	39.00	27.71	23.38	25.78	26.04	27.26	30.24	36.36	25.28	28.51	43.53	54.78	42.38	43.57	38.47	40.76	35.13
	0.86	0.56	0.60	0.53	0.61	0.61	0.64	1.42	0.90	1.04	1.42	1.56	1.53	1.56	1.44	0.57	0.55	0.66	0.72	0.78	0.44	0.62	1.35	1.34
	-0.22	-19.98	0.00	0.00	-1.18	-0.27	-0.17	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.84	3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT1 24158	31.16	47.27	28.02	27.62	36.47	27.63	34.44	39.16	28.36	23.72	25.84	25.98	27.24	30.31	36.80	30.08	33.01	44.66	56.12	43.23	44.65	39.27	40.87	35.18
	1.05	0.74	0.87	0.69	0.88	0.94	1.34	1.58	1.55	1.37	1.47	1.49	1.50	1.64	1.88	1.53	1.53	1.79	2.06	1.63	1.52	1.42	1.47	1.39
	-0.22	-19.97	0.00	0.00	-1.18	-0.27	-0.17	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	31.16	47.27	28.02	27.62	36.47	27.63	34.44	39.16	28.36	23.72	25.84	25.98	27.24	30.31	36.80	30.08	33.01	44.66	56.12	43.23	44.65	39.27	40.87	35.18
	1.05	0.74	0.87	0.69	0.88	0.94	1.34	1.58	1.55	1.37	1.47	1.49	1.50	1.64	1.88	1.53	1.53	1.79	2.06	1.63	1.52	1.42	1.47	1.39
	-0.22	-19.97	0.00	0.00	-1.18	-0.27	-0.17	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	29.92	27.00	27.26	27.02	34.66	26.74	32.89	35.13	25.95	21.59	23.82	24.58	25.42	29.03	36.37	29.77	32.82	45.86	63.65	50.39	47.51	39.78	42.91	36.18
	0.02	0.44	0.11	0.10	0.25	0.26	-1.18	-1.47	-1.14	-0.76	-0.55	-0.68	-0.45	-0.40	-0.13	0.09	0.01	-0.05	0.60	-0.20	-0.80	-0.46	0.16	0.60
	0.00	0.00	0.00	0.00	0.00	-0.06	-1.14	-1.56	-0.29	0.00	-0.01	-0.77	-0.13	-0.76	-1.57	-1.13	-1.33	-3.04	-9.00	-9.00	-5.18	-2.39	-3.35	-1.79
OAK ORCHARD____HYD 24046	30.24	26.98	27.40	27.16	34.79	26.84	33.94	36.42	26.93	22.26	24.42	25.24	26.03	29.70	37.13	30.28	33.46	46.90	64.63	51.39	48.80	40.71	43.40	36.16
	0.34	0.43	0.25	0.24	0.38	0.36	-0.11	-0.15	-0.17	-0.09	0.05	0.00	0.17	0.27	0.66	0.61	0.68	1.05	1.75	0.97	0.59	0.52	0.72	0.61
	0.00	0.00	0.00	0.00	0.00	-0.06	-1.12	-1.53	-0.28	0.00	-0.01	-0.75	-0.13	-0.74	-1.55	-1.11	-1.31	-2.98	-8.83	-8.83	-5.08	-2.35	-3.28	-1.75

OAKDALE___35_KV_LOAD 356122	30.13 0.23 0.00	26.79 0.23 0.00	27.25 0.10 0.00	27.06 0.14 0.00	34.59 0.18 0.00	26.69 0.19 -0.07	34.41 0.07 -1.41	37.07 0.11 -1.92	27.16 0.00 -0.36	22.42 0.08 0.00	24.48 0.10 -0.01	25.46 0.03 -0.94	25.97 0.08 -0.16	29.75 0.14 -0.93	37.18 0.32 -1.94	30.23 0.28 -1.39	33.43 0.30 -1.65	47.05 0.41 -3.76	65.93 0.72 -11.16	53.24 0.49 -11.16	49.82 0.27 -6.41	41.12 0.31 -2.97	43.93 0.37 -4.15	36.25 0.24 -2.22
OCC_CHEM___DRP 24175	29.70 -0.20 0.00	26.75 0.19 0.00	27.02 -0.12 0.00	26.79 -0.14 0.00	34.35 -0.06 0.00	26.48 0.00 -0.06	32.62 -1.45 -1.14	34.69 -1.90 -1.55	25.54 -1.56 -0.29	21.30 -1.05 0.00	23.54 -0.83 -0.01	24.28 -0.97 -0.76	25.13 -0.73 -0.13	28.68 -0.76 -0.75	35.97 -0.51 -1.57	29.40 -0.27 -1.12	32.41 -0.40 -1.33	45.15 -0.74 -3.02	62.41 -0.60 -8.96	49.37 -1.19 -8.96	46.50 -1.79 -5.15	39.02 -1.20 -2.38	42.29 -0.44 -3.33	35.54 -0.03 -1.78
OH_GEN_PROXY 24063	29.70 -0.20 0.00	26.73 0.17 0.00	27.01 -0.13 0.00	26.79 -0.14 0.00	34.35 -0.06 0.00	26.49 0.01 -0.06	4.25 -1.35 27.34	34.95 -1.63 -1.53	25.78 -1.31 -0.28	21.50 -0.85 0.00	23.75 -0.62 -0.01	24.50 -0.74 -0.75	25.33 -0.53 -0.13	28.89 -0.54 -0.74	36.24 -0.23 -1.55	29.57 -0.09 -1.11	32.61 -0.18 -1.31	45.59 -0.28 -2.99	63.11 0.18 -8.87	49.93 -0.54 -8.87	47.11 -1.13 -5.10	39.46 -0.73 -2.34	42.60 -0.10 -3.30	35.71 0.15 -1.76
OLIN_CORP_DRP 24177	29.57 -0.33 0.00	26.72 0.17 0.00	27.00 -0.16 0.00	26.76 -0.17 0.00	34.31 -0.10 0.00	26.47 -0.01 -0.06	32.46 -1.61 -1.14	34.61 -1.99 -1.56	25.58 -1.52 -0.29	21.31 -1.04 0.00	23.53 -0.85 -0.01	24.27 -0.99 -0.77	25.09 -0.77 -0.13	28.64 -0.79 -0.76	35.89 -0.61 -1.58	29.39 -0.29 -1.13	32.38 -0.43 -1.34	45.24 -0.68 -3.04	62.81 -0.26 -9.02	49.71 -0.91 -9.02	46.83 -1.50 -5.19	39.19 -1.05 -2.40	42.34 -0.42 -3.36	35.81 0.23 -1.79
OLIN_CORP_DSASP 323712	29.70 -0.20 0.00	26.75 0.19 0.00	27.02 -0.12 0.00	26.79 -0.14 0.00	34.35 -0.06 0.00	26.49 0.00 -0.06	32.60 -1.47 -1.14	34.68 -1.92 -1.55	25.53 -1.56 -0.29	21.30 -1.05 0.00	23.54 -0.83 -0.01	24.29 -0.96 -0.76	25.13 -0.73 -0.13	28.68 -0.75 -0.75	35.97 -0.52 -1.57	29.40 -0.28 -1.12	32.40 -0.40 -1.33	45.15 -0.74 -3.02	62.42 -0.59 -8.96	49.37 -1.18 -8.96	46.51 -1.78 -5.15	39.02 -1.20 -2.38	42.30 -0.43 -3.33	35.54 -0.03 -1.78
ONEIDA_HERK_LFGE 323681	44.33 0.96 -13.47	104.06 0.74 -76.76	54.51 0.73 -26.64	28.18 0.69 -0.56	35.33 0.92 0.00	27.20 0.75 -0.03	34.70 1.13 -0.64	36.96 1.07 -0.85	27.67 0.71 -0.16	22.74 0.39 0.00	24.74 0.37 -0.01	25.26 0.36 -0.42	26.18 0.38 -0.07	29.60 0.51 -0.41	36.49 0.71 -0.86	29.77 0.60 -0.61	33.01 0.79 -0.75	45.91 1.34 -1.70	60.98 1.88 -5.04	50.64 1.59 -7.45	47.74 1.61 -2.99	40.47 1.29 -1.34	42.41 1.13 -1.88	35.74 0.94 -1.00
ONEIDA___115KV_TB4 55905	36.96 0.97 -6.09	62.04 0.81 -34.68	40.00 0.81 -12.03	27.96 0.79 -0.25	35.43 1.02 0.00	27.30 0.83 -0.05	35.08 1.15 -0.99	37.51 1.14 -1.33	27.83 0.78 -0.25	22.80 0.45 0.00	24.84 0.46 -0.01	25.59 0.45 -0.65	26.32 0.47 -0.11	29.95 0.63 -0.64	37.17 0.91 -1.34	30.26 0.74 -0.96	33.67 1.03 -1.16	47.18 1.66 -2.65	64.16 2.25 -7.86	52.34 1.79 -8.95	49.45 1.76 -4.56	41.36 1.43 -2.09	43.64 1.31 -2.92	36.41 1.06 -1.56
ONONDAGA_REF_OCCRA 23987	32.62 0.13 -2.60	41.47 0.10 -14.81	32.34 0.05 -5.14	27.07 0.04 -0.11	34.48 0.08 0.00	26.62 0.08 -0.12	35.18 0.01 -2.24	38.15 0.02 -3.09	27.32 -0.06 -0.57	22.28 -0.07 0.00	24.29 -0.09 -0.02	25.88 -0.13 -1.52	25.90 -0.10 -0.26	30.16 -0.03 -1.50	38.15 0.10 -3.13	30.93 0.13 -2.24	34.28 0.18 -2.62	49.15 0.31 -5.96	72.36 0.63 -17.68	60.19 0.45 -18.14	53.59 0.27 -10.18	42.75 0.21 -4.70	46.17 0.19 -6.57	37.41 0.11 -3.51
ONONDAGA___COGEN 23986	32.40 0.11 -2.39	40.27 0.08 -13.63	31.91 0.03 -4.73	27.06 0.03 -0.10	34.46 0.05 0.00	26.63 0.06 -0.15	35.72 -0.02 -2.81	39.17 0.05 -4.07	27.51 -0.05 -0.75	22.28 -0.07 0.00	24.32 -0.07 -0.02	26.38 -0.11 -2.01	25.99 -0.08 -0.34	30.64 -0.02 -1.98	39.15 0.11 -4.12	31.63 0.12 -2.95	34.90 0.14 -3.28	50.55 0.24 -7.43	76.65 0.56 -22.03	64.44 0.38 -22.46	56.04 0.21 -12.69	43.85 0.15 -5.85	47.76 0.16 -8.19	38.25 0.08 -4.38
ONTARIO___LFGE 23819	30.78 0.89 0.00	27.40 0.84 0.00	27.74 0.59 0.00	27.56 0.63 0.00	35.28 0.87 0.00	27.34 0.81 -0.12	35.94 0.81 -2.20	39.02 0.92 -3.05	27.86 0.48 -0.57	22.67 0.32 0.00	24.68 0.30 -0.02	26.13 0.14 -1.50	26.17 0.18 -0.26	30.46 0.30 -1.49	38.68 0.67 -3.09	31.43 0.66 -2.21	35.04 0.99 -2.57	50.15 1.43 -5.84	74.04 2.66 -17.32	60.96 2.05 -17.32	54.74 1.64 -9.96	43.85 1.39 -4.60	47.32 1.47 -6.44	38.32 1.09 -3.44
ORANGEVILLE_WT_PWR 323706	30.04 0.14 0.00	26.94 0.38 0.00	27.20 0.05 0.00	27.01 0.08 0.00	34.62 0.21 0.00	26.79 0.30 -0.07	33.61 -0.59 -1.26	36.03 -0.74 -1.72	26.46 -0.66 -0.32	21.85 -0.50 0.00	23.96 -0.41 -0.01	24.83 -0.50 -0.85	25.55 -0.33 -0.14	29.23 -0.29 -0.84	36.67 0.01 -1.74	29.99 0.18 -1.24	33.17 0.22 -1.48	46.52 0.28 -3.36	65.19 1.16 -9.97	52.08 0.52 -9.97	48.81 -0.06 -5.73	40.64 0.15 -2.65	43.68 0.57 -3.71	36.42 0.65 -1.98
ORANGEVILLE___ESR 323794	30.04 0.14 0.00	26.94 0.38 0.00	27.20 0.05 0.00	27.01 0.08 0.00	34.62 0.21 0.00	26.79 0.30 -0.07	33.61 -0.59 -1.26	36.03 -0.74 -1.72	26.46 -0.66 -0.32	21.85 -0.50 0.00	23.96 -0.41 -0.01	24.83 -0.50 -0.85	25.55 -0.33 -0.14	29.23 -0.29 -0.84	36.67 0.01 -1.74	29.99 0.18 -1.24	33.17 0.22 -1.48	46.52 0.28 -3.36	65.19 1.16 -9.97	52.08 0.52 -9.97	48.81 -0.06 -5.73	40.64 0.15 -2.65	43.68 0.57 -3.71	36.42 0.65 -1.98
OSWEGATCHIE___HYD 24044	97.23 0.87 -66.47	406.04 0.74 -378.74	159.25 0.66 -131.43	30.34 0.65 -2.77	35.22 0.81 0.00	27.14 0.67 -0.04	34.85 1.09 -0.83	37.17 1.03 -1.10	27.62 0.60 -0.20	22.57 0.22 0.00	24.56 0.19 -0.01	25.20 0.17 -0.54	26.04 0.21 -0.09	29.54 0.33 -0.54	36.48 0.45 -1.11	29.72 0.37 -0.79	33.02 0.57 -0.97	46.11 1.02 -2.22	61.89 1.26 -6.57	61.39 1.34 -18.46	48.87 1.51 -4.23	40.67 1.08 -1.75	42.83 0.99 -2.45	35.91 0.82 -1.31
OSWEGO___5 23606	29.46 -0.44 0.00	26.17 -0.39 0.00	26.72 -0.43 0.00	26.50 -0.43 0.00	33.86 -0.55 0.00	26.43 -0.42 -0.42	40.24 -0.61 -7.92	45.03 -0.65 -10.64	28.24 -0.54 -1.97	21.89 -0.46 0.00	23.93 -0.50 -0.06	29.21 -0.53 -5.24	26.10 -0.53 -0.90	33.30 -0.56 -5.18	45.09 -0.59 -10.76	35.78 -0.47 -7.69	40.25 -0.50 -9.27	63.37 -0.63 -21.13	116.05 -0.65 -62.65	103.72 -0.53 -62.65	78.49 -0.67 -36.03	53.90 -0.59 -16.65	62.10 -0.60 -23.30	45.71 -0.53 -12.45
OSWEGO___6 23613	29.46 -0.44 0.00	26.17 -0.39 0.00	26.72 -0.43 0.00	26.50 -0.43 0.00	33.86 -0.55 0.00	26.43 -0.42 -0.42	40.24 -0.61 -7.92	45.03 -0.65 -10.64	28.24 -0.54 -1.97	21.89 -0.46 0.00	23.93 -0.50 -0.06	29.21 -0.53 -5.24	26.10 -0.53 -0.90	33.30 -0.56 -5.18	45.09 -0.59 -10.76	35.78 -0.47 -7.69	40.25 -0.50 -9.27	63.37 -0.63 -21.13	116.05 -0.65 -62.65	103.72 -0.53 -62.65	78.49 -0.67 -36.03	53.90 -0.59 -16.65	62.10 -0.60 -23.30	45.71 -0.53 -12.45

OUTOKUMPU-AB___DRP 24206	30.19 0.29 0.00	27.18 0.62 0.00	27.42 0.27 0.00	27.18 0.25 0.00	34.85 0.44 0.00	26.90 0.42 -0.06	33.21 -0.87 -1.15	35.44 -1.17 -1.57	26.14 -0.96 -0.29	21.77 -0.58 0.00	24.05 -0.32 -0.01	24.83 -0.43 -0.77	25.69 -0.18 -0.13	29.35 -0.09 -0.76	36.80 0.30 -1.58	30.11 0.42 -1.13	33.19 0.38 -1.34	46.34 0.41 -3.05	64.13 1.02 -9.06	50.74 0.09 -9.06	47.86 -0.49 -5.21	40.07 -0.18 -2.41	43.24 0.47 -3.37	36.30 0.71 -1.80
OXBOW___BTM 323836	29.93 0.03 0.00	26.95 0.39 0.00	27.22 0.07 0.00	26.97 0.04 0.00	34.58 0.17 0.00	26.68 0.20 -0.06	32.88 -1.20 -1.14	35.04 -1.56 -1.56	25.82 -1.27 -0.29	21.52 -0.82 0.00	23.80 -0.58 -0.01	24.56 -0.69 -0.77	25.41 -0.45 -0.13	29.02 -0.42 -0.76	36.40 -0.10 -1.58	29.77 0.08 -1.13	32.81 0.00 -1.33	45.77 -0.14 -3.04	63.32 0.26 -9.01	50.08 -0.52 -9.01	47.19 -1.12 -5.18	39.56 -0.68 -2.39	42.78 0.02 -3.35	35.92 0.34 -1.79
OXBOW___ 24026	29.93 0.03 0.00	26.95 0.39 0.00	27.21 0.06 0.00	26.97 0.04 0.00	34.58 0.17 0.00	26.69 0.20 -0.06	32.90 -1.18 -1.14	35.06 -1.54 -1.56	25.82 -1.27 -0.29	21.52 -0.82 0.00	23.79 -0.58 -0.01	24.56 -0.70 -0.77	25.42 -0.45 -0.13	29.02 -0.42 -0.76	36.41 -0.09 -1.58	29.77 0.09 -1.13	32.81 0.00 -1.33	45.77 -0.15 -3.04	63.31 0.25 -9.01	50.07 -0.53 -9.01	47.19 -1.12 -5.18	39.56 -0.68 -2.39	42.77 0.01 -3.35	35.92 0.34 -1.79
OXY_CHEM_DSASP 323612	29.70 -0.20 0.00	26.75 0.19 0.00	27.02 -0.12 0.00	26.79 -0.14 0.00	34.35 -0.06 0.00	26.48 0.00 -0.06	32.62 -1.45 -1.14	34.69 -1.90 -1.55	25.54 -1.56 -0.29	21.30 -1.05 0.00	23.54 -0.83 -0.01	24.28 -0.97 -0.76	25.13 -0.73 -0.13	28.68 -0.76 -0.75	35.97 -0.51 -1.57	29.40 -0.27 -1.12	32.41 -0.40 -1.33	45.15 -0.74 -3.02	62.41 -0.60 -8.96	49.37 -1.19 -8.96	46.50 -1.79 -5.15	39.02 -1.20 -2.38	42.29 -0.44 -3.33	35.54 -0.03 -1.78
OZONE_PARK_ESR 323760	31.47 1.35 -0.22	47.58 1.05 -19.97	28.19 1.04 0.00	27.89 0.97 0.00	36.92 1.33 -1.18	27.92 1.23 -0.27	34.85 1.75 -0.17	39.62 2.04 -2.55	28.60 1.80 0.00	23.95 1.61 0.00	26.12 1.76 0.00	26.26 1.77 0.00	27.56 1.83 0.00	30.68 2.00 0.00	37.26 2.34 0.00	30.44 1.88 0.00	33.40 1.92 0.00	45.28 2.40 0.00	56.86 2.81 0.00	43.84 2.24 0.00	45.24 2.11 0.00	39.77 1.92 0.00	41.37 1.97 0.00	35.57 1.78 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.70 -0.20 0.00	26.75 0.19 0.00	27.02 -0.12 0.00	26.79 -0.14 0.00	34.35 -0.06 0.00	26.48 0.00 -0.06	32.62 -1.45 -1.14	34.69 -1.90 -1.55	25.54 -1.56 -0.29	21.30 -1.05 0.00	23.54 -0.83 -0.01	24.28 -0.97 -0.76	25.13 -0.73 -0.13	28.68 -0.76 -0.75	35.97 -0.51 -1.57	29.40 -0.27 -1.12	32.41 -0.40 -1.33	45.15 -0.74 -3.02	62.41 -0.60 -8.96	49.37 -1.19 -8.96	46.50 -1.79 -5.15	39.02 -1.20 -2.38	42.29 -0.44 -3.33	35.54 -0.03 -1.78
PACKARD___115KV_DUPONT_184 80571	29.70 -0.20 0.00	26.75 0.19 0.00	27.02 -0.12 0.00	26.79 -0.14 0.00	34.35 -0.06 0.00	26.48 0.00 -0.06	32.62 -1.45 -1.14	34.69 -1.90 -1.55	25.54 -1.56 -0.29	21.30 -1.05 0.00	23.54 -0.83 -0.01	24.28 -0.97 -0.76	25.13 -0.73 -0.13	28.68 -0.76 -0.75	35.97 -0.51 -1.57	29.40 -0.27 -1.12	32.41 -0.40 -1.33	45.15 -0.74 -3.02	62.41 -0.60 -8.96	49.37 -1.19 -8.96	46.50 -1.79 -5.15	39.02 -1.20 -2.38	42.29 -0.44 -3.33	35.54 -0.03 -1.78
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.20 1.08 -0.22	47.31 0.78 -19.97	28.03 0.87 0.00	27.64 0.71 0.00	36.54 0.94 -1.19	27.65 0.96 -0.27	34.49 1.39 -0.17	39.21 1.62 -2.55	28.37 1.56 0.00	23.71 1.36 0.00	25.83 1.47 0.00	25.99 1.50 0.00	27.26 1.53 0.00	30.35 1.67 0.00	36.85 1.93 0.00	30.11 1.55 0.00	33.04 1.57 0.00	44.74 1.86 0.00	56.19 2.14 0.00	43.33 1.73 0.00	44.75 1.61 0.00	39.34 1.49 0.00	40.93 1.53 0.00	35.23 1.44 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.95 1.84 -0.22	47.99 1.46 -19.97	28.73 1.58 0.00	28.35 1.43 0.00	37.56 1.97 -1.19	28.47 1.78 -0.27	35.52 2.42 -0.17	40.25 2.66 -2.55	29.13 2.32 0.00	24.34 1.99 0.00	26.47 2.10 0.00	26.54 2.05 0.00	27.81 2.08 0.00	30.98 2.30 0.00	37.62 2.70 0.00	30.75 2.19 0.00	33.74 2.26 0.00	45.66 2.79 0.00	57.37 3.32 0.00	44.23 2.64 0.00	45.63 2.49 0.00	40.13 2.29 0.00	41.79 2.39 0.00	35.98 2.19 0.00
PATROON___115KV_TB1 80586	29.98 0.25 0.17	11.29 0.20 15.46	27.46 0.31 0.00	27.21 0.28 0.00	33.82 0.33 0.92	26.53 0.32 0.21	33.29 0.49 0.13	33.58 0.51 1.97	27.28 0.47 0.00	22.74 0.39 0.00	24.73 0.37 0.00	24.90 0.42 0.00	26.05 0.31 0.00	28.95 0.27 0.00	35.18 0.26 0.00	28.77 0.21 0.00	31.70 0.22 0.00	43.10 0.23 0.00	54.33 0.28 0.00	41.87 0.27 0.00	43.42 0.29 0.00	38.13 0.28 0.00	39.62 0.21 0.00	34.01 0.22 0.00
PATTRSNVILLE___SOLAR 323815	30.54 0.79 0.14	14.34 0.65 12.87	27.85 0.70 0.00	27.61 0.68 0.00	34.54 0.89 0.76	26.92 0.67 0.17	33.73 0.91 0.11	34.34 0.95 1.65	27.40 0.59 0.00	22.64 0.29 0.00	24.56 0.20 0.00	24.69 0.20 0.00	25.95 0.21 0.00	28.94 0.26 0.00	35.20 0.28 0.00	28.74 0.18 0.00	31.73 0.25 0.00	43.58 0.70 0.00	55.32 1.27 0.00	42.75 1.15 0.00	44.31 1.18 0.00	38.85 1.01 0.00	40.39 0.99 0.00	34.65 0.86 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.12 0.22 0.00	27.04 0.49 0.00	27.29 0.13 0.00	27.07 0.14 0.00	34.70 0.29 0.00	26.82 0.34 -0.06	33.36 -0.75 -1.18	35.78 -0.87 -1.60	26.35 -0.75 -0.30	21.95 -0.39 0.00	24.23 -0.14 -0.01	25.02 -0.26 -0.79	25.84 -0.03 -0.13	29.53 0.08 -0.78	37.07 0.53 -1.62	30.24 0.53 -1.16	33.37 0.52 -1.37	46.68 0.68 -3.13	64.74 1.41 -9.27	51.33 0.46 -9.27	48.33 -0.14 -5.33	40.41 0.10 -2.46	43.47 0.62 -3.45	36.30 0.67 -1.84
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.28 1.19 -0.19	46.91 0.92 -19.44	28.06 0.91 0.00	27.78 0.86 0.00	36.72 1.16 -1.15	27.71 1.03 -0.26	34.56 1.46 -0.17	39.20 1.68 -2.48	28.27 1.46 0.00	23.66 1.31 0.00	25.80 1.43 0.00	25.94 1.46 0.00	27.22 1.49 0.00	30.31 1.63 0.00	36.85 1.93 0.00	30.13 1.57 0.00	33.12 1.64 0.00	45.00 2.13 0.00	56.58 2.53 0.00	43.61 2.02 0.00	45.02 1.88 0.00	39.52 1.67 0.00	41.10 1.69 0.00	35.32 1.52 0.00
PEEKSKILL___ 23653	31.08 0.97 -0.22	47.17 0.71 -19.90	27.86 0.71 0.00	27.58 0.65 0.00	36.49 0.90 -1.18	27.53 0.84 -0.27	34.33 1.22 -0.17	39.01 1.43 -2.54	28.09 1.28 0.00	23.51 1.17 0.00	25.65 1.29 0.00	25.79 1.30 0.00	27.07 1.33 0.00	30.14 1.46 0.00	36.62 1.70 0.00	29.88 1.32 0.00	32.82 1.34 0.00	44.56 1.69 0.00	56.01 1.96 0.00	43.19 1.59 0.00	44.56 1.43 0.00	39.16 1.31 0.00	40.78 1.38 0.00	35.07 1.28 0.00
PGE MADISON___WINDPWR 24146	31.67 1.77 0.00	28.02 1.47 0.00	28.63 1.48 0.00	28.51 1.59 0.00	36.57 2.16 0.00	28.25 1.75 -0.08	36.58 2.22 -1.43	39.38 2.38 -1.95	28.60 1.43 -0.36	23.45 1.10 0.00	25.55 1.18 -0.01	26.47 1.02 -0.96	27.07 1.17 -0.16	31.14 1.51 -0.95	38.95 2.05 -1.98	31.78 1.81 -1.41	35.29 2.13 -1.68	50.13 3.44 -3.82	70.28 4.91 -11.31	56.66 3.75 -11.31	53.20 3.56 -6.51	43.85 3.00 -3.01	46.51 2.90 -4.21	38.20 2.16 -2.25

PIERCEFIELD___HYD 23852	128.43 0.51 -98.03	585.71 0.61 -558.55	221.50 0.52 -193.83	31.53 0.51 -4.09	35.04 0.63 0.00	26.94 0.50 -0.02	34.20 0.83 -0.45	36.41 0.78 -0.59	27.33 0.42 -0.11	22.50 0.15 0.00	24.59 0.22 0.00	25.00 0.22 -0.29	26.04 0.25 -0.05	29.32 0.35 -0.29	35.91 0.39 -0.60	29.25 0.27 -0.43	32.54 0.54 -0.52	44.99 0.92 -1.19	58.40 0.82 -3.53	63.62 0.96 -21.06	47.08 1.25 -2.69	39.60 0.82 -0.94	41.65 0.94 -1.31	35.22 0.73 -0.70
PINELAWN_CC_1 323563	31.19 1.07 -0.22	47.32 0.79 -19.98	27.95 0.80 0.00	27.64 0.72 0.00	36.52 0.92 -1.18	27.55 0.86 -0.27	34.12 1.02 -0.17	39.15 1.56 -2.55	27.99 1.18 0.00	23.62 1.27 0.00	25.98 1.61 0.00	26.20 1.71 0.00	27.45 1.72 0.00	30.48 1.81 0.00	36.52 1.60 0.00	25.83 0.66 3.39	28.96 0.59 3.11	43.60 0.73 0.00	54.68 0.62 0.00	42.27 0.67 0.00	43.63 0.49 0.00	38.57 0.73 0.00	41.06 1.66 0.00	35.35 1.56 0.00
PJM_GEN_HTP_PROXY 323702	31.20 1.08 -0.22	47.34 0.81 -19.97	27.80 0.81 0.16	27.66 0.74 0.00	36.64 1.04 -1.18	27.68 0.99 -0.27	34.55 1.44 -0.17	43.71 1.69 -6.99	23.91 1.53 4.42	23.72 1.37 0.00	25.87 1.50 0.00	25.99 1.51 0.00	27.28 1.55 0.00	30.37 1.69 0.00	36.87 1.96 0.00	30.11 1.55 0.00	33.04 1.56 0.00	44.80 1.93 0.00	56.27 2.21 0.00	43.36 1.76 0.00	44.74 1.61 0.00	39.33 1.48 0.00	40.94 1.54 0.00	35.21 1.42 0.00
PJM_GEN_KEystone 24065	30.31 0.31 -0.10	36.96 0.31 -10.09	26.25 0.12 1.01	27.04 0.12 0.00	35.23 0.27 -0.56	26.91 0.33 -0.16	33.77 0.07 -0.77	41.76 0.15 -6.57	22.66 0.10 4.25	22.59 0.25 0.00	24.74 0.37 -0.01	25.27 0.33 -0.46	26.24 0.42 -0.08	29.63 0.49 -0.46	36.67 0.80 -0.95	29.83 0.59 -0.68	32.84 0.56 -0.81	45.37 0.66 -1.83	60.47 0.99 -5.44	47.62 0.59 -5.44	46.42 0.16 -3.12	39.61 0.32 -1.44	41.99 0.57 -2.02	35.43 0.55 -1.08
PJM_GEN_NEPTUNE_PROXY 323594	30.97 0.85 -0.22	47.14 0.61 -19.98	27.60 0.61 0.16	27.48 0.55 0.00	36.32 0.73 -1.18	27.40 0.71 -0.27	33.97 0.87 -0.17	43.31 1.28 -6.99	23.42 1.03 4.42	23.45 1.11 0.00	25.76 1.40 0.00	25.95 1.47 0.00	27.21 1.47 0.00	30.23 1.56 0.00	36.45 1.53 0.00	25.22 0.80 4.14	28.49 0.78 3.77	43.85 0.98 0.00	55.11 1.06 0.00	42.57 0.97 0.00	43.81 0.67 0.00	38.61 0.77 0.00	40.67 1.27 0.00	35.02 1.23 0.00
PJM_GEN_VFT_PROXY 323633	31.06 0.94 -0.22	47.20 0.67 -19.97	27.65 0.67 0.16	27.53 0.61 0.00	36.46 0.87 -1.18	27.57 0.88 -0.27	34.43 1.33 -0.17	43.58 1.55 -6.99	23.82 1.44 4.42	23.67 1.32 0.00	25.79 1.42 0.00	25.89 1.40 0.00	27.18 1.45 0.00	30.26 1.58 0.00	36.75 1.82 0.00	30.04 1.48 0.00	32.95 1.47 0.00	44.65 1.77 0.00	56.02 1.97 0.00	43.19 1.59 0.00	44.55 1.42 0.00	39.16 1.32 0.00	40.73 1.33 0.00	35.05 1.26 0.00
PLATSBURG_115KV_PMLD1 355749	38.51 1.15 -7.46	70.33 1.27 -42.50	43.14 1.24 -14.75	28.42 1.19 -0.31	35.82 1.41 0.00	27.63 1.22 0.00	34.49 1.56 0.00	36.61 1.57 0.00	27.99 1.18 0.00	23.35 1.01 0.00	25.51 1.14 0.00	25.54 1.06 0.00	26.84 1.11 0.00	29.76 1.08 0.00	36.19 1.27 0.00	29.39 0.83 0.00	32.47 1.00 0.00	43.76 0.88 0.00	54.98 0.93 0.00	43.80 0.87 -1.34	44.38 1.19 -0.05	39.13 1.28 0.00	41.28 1.88 0.00	35.71 1.92 0.00
PLEASANTVLY___LBMP 24000	30.94 0.80 -0.25	49.00 0.59 -21.86	27.75 0.60 0.00	27.48 0.56 0.00	36.46 0.75 -1.30	27.40 0.69 -0.29	34.13 1.01 -0.19	38.99 1.16 -2.78	27.87 1.07 0.00	23.34 0.99 0.00	25.45 1.09 0.00	25.59 1.10 0.00	26.85 1.12 0.00	29.88 1.20 0.00	36.27 1.35 0.00	29.62 1.06 0.00	32.54 1.07 0.00	44.19 1.32 0.00	55.57 1.51 0.00	42.86 1.26 0.00	44.26 1.13 0.00	38.89 1.05 0.00	40.48 1.08 0.00	34.84 1.05 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.15 1.03 -0.22	47.41 0.77 -20.08	27.93 0.78 0.00	27.64 0.72 0.00	36.57 0.97 -1.19	27.59 0.90 -0.27	34.39 1.29 -0.17	39.10 1.50 -2.56	28.16 1.35 0.00	23.58 1.24 0.00	25.73 1.37 0.00	25.86 1.38 0.00	27.15 1.41 0.00	30.22 1.54 0.00	36.69 1.77 0.00	29.94 1.38 0.00	32.88 1.41 0.00	44.64 1.76 0.00	56.10 2.05 0.00	43.25 1.65 0.00	44.65 1.51 0.00	39.24 1.40 0.00	40.85 1.45 0.00	35.15 1.36 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.15 1.03 -0.22	47.41 0.77 -20.08	27.93 0.78 0.00	27.64 0.72 0.00	36.57 0.97 -1.19	27.59 0.90 -0.27	34.39 1.29 -0.17	39.10 1.50 -2.56	28.16 1.35 0.00	23.58 1.24 0.00	25.73 1.37 0.00	25.86 1.38 0.00	27.15 1.41 0.00	30.22 1.54 0.00	36.69 1.77 0.00	29.94 1.38 0.00	32.88 1.41 0.00	44.64 1.76 0.00	56.10 2.05 0.00	43.25 1.65 0.00	44.65 1.51 0.00	39.24 1.40 0.00	40.85 1.45 0.00	35.15 1.36 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.88 1.07 0.09	46.31 0.85 -18.90	28.00 0.85 0.00	27.73 0.80 0.00	36.60 1.07 -1.12	27.62 0.95 -0.25	34.42 1.32 -0.16	38.96 1.51 -2.41	28.13 1.32 0.00	23.52 1.17 0.00	25.65 1.29 0.00	25.74 1.26 0.00	27.04 1.30 0.00	30.07 1.40 0.00	36.55 1.63 0.00	29.88 1.32 0.00	32.92 1.44 0.00	44.77 1.90 0.00	56.32 2.26 0.00	43.44 1.84 0.00	44.85 1.72 0.00	39.37 1.53 0.00	40.94 1.54 0.00	35.17 1.38 0.00
POLETTI_____ 23519	27.57 0.73 3.06	35.70 0.43 -8.71	27.27 0.63 0.50	27.37 0.45 0.00	27.52 0.49 7.38	27.28 0.69 -0.17	28.82 0.98 5.09	27.60 1.18 8.62	26.42 1.31 1.70	23.57 1.22 0.00	25.66 1.30 0.00	25.81 1.33 0.00	27.05 1.31 0.00	28.66 1.32 1.34	28.65 1.47 7.75	28.61 1.21 1.17	28.66 1.18 4.00	28.99 1.30 15.19	45.90 1.46 9.61	28.66 1.17 14.10	31.84 1.03 12.32	29.24 1.00 9.61	32.40 1.02 8.03	30.04 1.01 4.76
POMONA___ESR 323819	31.03 0.93 -0.20	45.51 0.68 -18.28	27.81 0.66 0.00	27.53 0.60 0.00	36.35 0.86 -1.08	27.46 0.80 -0.24	34.29 1.20 -0.16	38.77 1.40 -2.33	28.02 1.21 0.00	23.45 1.10 0.00	25.58 1.22 0.00	25.73 1.25 0.00	27.03 1.30 0.00	30.13 1.45 0.00	36.64 1.72 0.00	29.91 1.35 0.00	32.85 1.37 0.00	44.60 1.73 0.00	56.04 1.99 0.00	43.22 1.62 0.00	44.57 1.44 0.00	39.15 1.30 0.00	40.75 1.35 0.00	35.03 1.25 0.00
PORT_JEFF_3 23555	31.04 0.92 -0.22	47.14 0.61 -19.98	27.79 0.64 0.00	27.50 0.58 0.00	36.26 0.67 -1.18	27.35 0.67 -0.27	33.82 0.72 -0.17	39.09 1.50 -2.55	27.78 0.97 0.00	23.44 1.09 0.00	25.84 1.48 0.00	26.11 1.62 0.00	27.34 1.60 0.00	30.32 1.64 0.00	36.46 1.54 0.00	25.37 0.64 3.84	28.62 0.64 3.51	43.68 0.80 0.00	54.97 0.92 0.00	42.52 0.92 0.00	43.72 0.58 0.00	38.59 0.74 0.00	40.86 1.46 0.00	35.21 1.43 0.00
PORT_JEFF_4 23616	31.04 0.92 -0.22	47.14 0.61 -19.98	27.79 0.64 0.00	27.50 0.58 0.00	36.26 0.67 -1.18	27.35 0.67 -0.27	33.82 0.72 -0.17	39.09 1.50 -2.55	27.78 0.97 0.00	23.44 1.09 0.00	25.84 1.48 0.00	26.11 1.62 0.00	27.34 1.60 0.00	30.32 1.64 0.00	36.46 1.54 0.00	25.37 0.64 3.84	28.62 0.64 3.51	43.68 0.80 0.00	54.97 0.92 0.00	42.52 0.92 0.00	43.72 0.58 0.00	38.59 0.74 0.00	40.86 1.46 0.00	35.21 1.43 0.00

PORT_JEFF_IC 23713	31.08 0.96 -0.22	47.17 0.64 -19.98	27.82 0.67 0.00	27.52 0.60 0.00	36.28 0.69 -1.18	27.38 0.69 -0.27	33.86 0.75 -0.17	39.11 1.52 -2.55	27.82 1.01 0.00	23.47 1.13 0.00	25.88 1.51 0.00	26.15 1.66 0.00	27.37 1.64 0.00	30.37 1.69 0.00	36.51 1.60 0.00	25.41 0.68 3.82	28.66 0.68 3.49	43.74 0.87 0.00	55.05 1.00 0.00	42.60 1.00 0.00	43.79 0.65 0.00	38.65 0.80 0.00	40.93 1.53 0.00	35.25 1.46 0.00
PPL PILGRIM_ST_GT1 24216	31.32 1.21 -0.22	47.42 0.89 -19.98	28.05 0.90 0.00	27.76 0.83 0.00	36.64 1.04 -1.18	27.64 0.96 -0.27	34.22 1.12 -0.17	39.33 1.74 -2.55	28.09 1.28 0.00	23.70 1.36 0.00	26.12 1.75 0.00	26.37 1.88 0.00	27.61 1.88 0.00	30.65 1.98 0.00	36.90 1.98 0.00	25.79 0.99 3.76	29.05 1.01 3.44	44.21 1.33 0.00	55.63 1.57 0.00	43.00 1.41 0.00	44.20 1.07 0.00	38.99 1.15 0.00	41.25 1.85 0.00	35.54 1.75 0.00
PPL PILGRIM_ST_GT2 24217	31.32 1.21 -0.22	47.42 0.89 -19.98	28.05 0.90 0.00	27.76 0.83 0.00	36.64 1.04 -1.18	27.64 0.96 -0.27	34.22 1.12 -0.17	39.33 1.74 -2.55	28.09 1.28 0.00	23.70 1.36 0.00	26.12 1.75 0.00	26.37 1.88 0.00	27.61 1.88 0.00	30.65 1.98 0.00	36.90 1.98 0.00	25.79 0.99 3.76	29.05 1.01 3.44	44.21 1.33 0.00	55.63 1.57 0.00	43.00 1.41 0.00	44.20 1.07 0.00	38.99 1.15 0.00	41.25 1.85 0.00	35.54 1.75 0.00
PPL_SHRM_GT3 24213	30.65 0.53 -0.22	46.80 0.27 -19.98	27.46 0.31 0.00	27.18 0.26 0.00	35.83 0.24 -1.18	27.04 0.36 -0.27	33.39 0.29 -0.17	39.09 1.51 -2.55	27.44 0.63 0.00	23.14 0.80 0.00	25.55 1.19 0.00	25.85 1.36 0.00	27.03 1.30 0.00	29.95 1.27 0.00	35.96 1.04 0.00	24.97 0.24 3.83	28.21 0.23 3.50	43.10 0.22 0.00	54.27 0.21 0.00	42.00 0.40 0.00	43.20 0.07 0.00	38.17 0.32 0.00	40.44 1.04 0.00	34.85 1.06 0.00
PPL_SHRM_GT4 24214	30.65 0.53 -0.22	46.80 0.27 -19.98	27.46 0.31 0.00	27.18 0.26 0.00	35.83 0.24 -1.18	27.04 0.36 -0.27	33.39 0.29 -0.17	39.09 1.51 -2.55	27.44 0.63 0.00	23.14 0.80 0.00	25.55 1.19 0.00	25.85 1.36 0.00	27.03 1.30 0.00	29.95 1.27 0.00	35.96 1.04 0.00	24.97 0.24 3.83	28.21 0.23 3.50	43.10 0.22 0.00	54.27 0.21 0.00	42.00 0.40 0.00	43.20 0.07 0.00	38.17 0.32 0.00	40.44 1.04 0.00	34.85 1.06 0.00
PROJECT___ORANGE 1 24174	32.77 -0.01 -2.89	43.00 -0.02 -16.46	32.79 -0.07 -5.71	26.97 -0.07 -0.12	34.32 -0.08 0.00	26.48 -0.05 -0.11	34.75 -0.18 -2.00	37.53 -0.19 -2.68	27.10 -0.20 -0.50	22.17 -0.18 0.00	24.20 -0.18 -0.02	25.60 -0.21 -1.32	25.79 -0.18 -0.22	29.87 -0.11 -1.30	37.62 -0.01 -2.71	30.51 0.02 -1.94	33.87 0.05 -2.34	48.33 0.11 -5.35	70.23 0.33 -15.85	58.16 0.19 -16.37	52.28 0.01 -9.13	42.04 -0.02 -4.21	45.26 -0.04 -5.90	36.86 -0.08 -3.15
PROJECT___ORANGE 2 24166	32.77 -0.01 -2.89	43.00 -0.02 -16.46	32.79 -0.07 -5.71	26.97 -0.07 -0.12	34.32 -0.08 0.00	26.48 -0.05 -0.11	34.75 -0.18 -2.00	37.53 -0.19 -2.68	27.10 -0.20 -0.50	22.17 -0.18 0.00	24.20 -0.18 -0.02	25.60 -0.21 -1.32	25.79 -0.18 -0.22	29.87 -0.11 -1.30	37.62 -0.01 -2.71	30.51 0.02 -1.94	33.87 0.05 -2.34	48.33 0.11 -5.35	70.23 0.33 -15.85	58.16 0.19 -16.37	52.28 0.01 -9.13	42.04 -0.02 -4.21	45.26 -0.04 -5.90	36.86 -0.08 -3.15
PUCKETT___SOLAR 323809	30.48 0.58 0.00	27.03 0.47 0.00	27.57 0.42 0.00	27.42 0.49 0.00	35.06 0.65 0.00	27.06 0.57 -0.07	34.89 0.60 -1.37	37.54 0.65 -1.85	27.46 0.31 -0.34	22.64 0.29 0.00	24.63 0.26 -0.01	25.49 0.09 -0.91	25.98 0.09 -0.16	29.76 0.18 -0.90	37.21 0.42 -1.88	30.38 0.48 -1.34	33.69 0.61 -1.60	47.52 1.01 -3.64	66.49 1.64 -10.79	53.65 1.26 -10.79	50.39 1.05 -6.21	41.66 0.95 -2.87	44.39 0.98 -4.02	36.64 0.71 -2.15
PYRITES___HYD 24023	134.73 0.96 -103.87	619.44 1.05 -591.83	233.49 0.96 -205.38	32.20 0.94 -4.33	35.60 1.19 0.00	27.34 0.90 -0.02	34.70 1.36 -0.41	36.97 1.38 -0.55	27.67 0.77 -0.10	22.60 0.25 0.00	24.72 0.36 0.00	25.10 0.35 -0.27	26.14 0.36 -0.04	29.42 0.47 -0.27	36.01 0.53 -0.55	29.38 0.43 -0.40	32.77 0.81 -0.48	45.44 1.46 -1.11	59.01 1.68 -3.27	65.24 1.79 -21.86	47.82 2.10 -2.58	40.24 1.52 -0.87	42.22 1.60 -1.22	35.71 1.27 -0.65
QUAKERRD_115KV_BK1 80622	29.47 -0.43 0.00	26.26 -0.29 0.00	26.72 -0.43 0.00	26.50 -0.43 0.00	33.93 -0.48 0.00	26.16 -0.32 -0.06	33.22 -0.82 -1.10	35.65 -0.90 -1.51	26.35 -0.74 -0.28	21.77 -0.58 0.00	23.86 -0.51 -0.01	24.67 -0.56 -0.74	25.41 -0.45 -0.12	28.98 -0.43 -0.73	36.20 -0.24 -1.52	29.51 -0.14 -1.09	32.60 -0.16 -1.29	45.73 -0.08 -2.93	62.99 0.25 -8.69	50.17 -0.11 -8.69	47.67 -0.46 -4.99	39.73 -0.42 -2.31	42.27 -0.36 -3.23	35.18 -0.33 -1.73
QUENSBRY_115KV_TB8 356137	31.15 1.48 0.22	7.58 1.22 20.20	28.31 1.16 0.00	28.10 1.17 0.00	34.79 1.58 1.20	27.45 1.30 0.27	34.67 1.91 0.17	34.50 2.04 2.58	28.19 1.38 0.00	23.41 1.07 0.00	25.41 1.04 0.00	25.50 1.02 0.00	26.64 0.91 0.00	29.71 1.03 0.00	36.07 1.15 0.00	29.43 0.87 0.00	32.63 1.15 0.00	44.68 1.81 0.00	56.65 2.60 0.00	43.86 2.26 0.00	45.59 2.46 0.00	39.83 1.99 0.00	41.36 1.96 0.00	35.57 1.78 0.00
RAMAPO___LBMP 323565	30.89 0.80 -0.20	44.95 0.56 -17.83	27.69 0.54 0.00	27.42 0.49 0.00	36.18 0.72 -1.06	27.35 0.69 -0.24	34.14 1.05 -0.15	38.54 1.22 -2.27	27.87 1.07 0.00	23.32 0.98 0.00	25.44 1.07 0.00	25.58 1.10 0.00	26.87 1.14 0.00	29.95 1.28 0.00	36.44 1.52 0.00	29.74 1.19 0.00	32.67 1.19 0.00	44.36 1.48 0.00	55.74 1.69 0.00	43.00 1.41 0.00	44.34 1.21 0.00	38.95 1.11 0.00	40.55 1.15 0.00	34.86 1.07 0.00
RANKINE____ 23646	30.19 0.29 0.00	27.14 0.59 0.00	27.38 0.23 0.00	27.16 0.24 0.00	34.81 0.40 0.00	26.91 0.43 -0.06	33.40 -0.70 -1.17	35.76 -0.88 -1.60	26.34 -0.76 -0.30	21.94 -0.41 0.00	24.21 -0.16 -0.01	25.01 -0.27 -0.79	25.84 -0.03 -0.13	29.53 0.07 -0.78	37.05 0.51 -1.61	30.26 0.55 -1.15	33.40 0.55 -1.37	46.72 0.73 -3.11	64.78 1.49 -9.24	51.37 0.54 -9.24	48.40 -0.04 -5.31	40.47 0.17 -2.45	43.55 0.71 -3.43	36.42 0.80 -1.84
RAVENSWOOD_GT2_1 24244	31.21 1.09 -0.22	47.35 0.82 -19.97	27.97 0.82 0.00	27.67 0.75 0.00	36.64 1.05 -1.18	27.68 0.99 -0.27	34.54 1.44 -0.17	39.27 1.68 -2.55	28.34 1.53 0.00	23.74 1.39 0.00	25.89 1.52 0.00	26.02 1.53 0.00	27.31 1.57 0.00	30.39 1.71 0.00	36.89 1.98 0.00	30.12 1.57 0.00	33.07 1.59 0.00	44.84 1.97 0.00	56.29 2.24 0.00	43.40 1.80 0.00	44.78 1.64 0.00	39.36 1.52 0.00	40.98 1.58 0.00	35.25 1.45 0.00
RAVENSWOOD_GT2_2 24245	31.21 1.09 -0.22	47.35 0.82 -19.97	27.97 0.82 0.00	27.67 0.75 0.00	36.64 1.05 -1.18	27.68 0.99 -0.27	34.54 1.44 -0.17	39.27 1.68 -2.55	28.34 1.53 0.00	23.74 1.39 0.00	25.89 1.52 0.00	26.02 1.53 0.00	27.31 1.57 0.00	30.39 1.71 0.00	36.89 1.98 0.00	30.12 1.57 0.00	33.07 1.59 0.00	44.84 1.97 0.00	56.29 2.24 0.00	43.40 1.80 0.00	44.78 1.64 0.00	39.36 1.52 0.00	40.98 1.58 0.00	35.25 1.45 0.00

RAVENSWOOD_GT2_3 24246	31.23 1.11 -0.22	47.36 0.83 -19.97	27.98 0.83 0.00	27.69 0.77 0.00	36.65 1.06 -1.18	27.70 1.01 -0.27	34.56 1.46 -0.17	39.30 1.71 -2.55	28.35 1.55 0.00	23.75 1.41 0.00	25.90 1.54 0.00	26.03 1.55 0.00	27.32 1.59 0.00	30.41 1.73 0.00	36.91 1.99 0.00	30.15 1.59 0.00	33.08 1.61 0.00	44.86 1.99 0.00	56.32 2.27 0.00	43.42 1.82 0.00	44.80 1.67 0.00	39.39 1.54 0.00	41.00 1.60 0.00	35.27 1.48 0.00
RAVENSWOOD_GT2_4 24247	31.23 1.11 -0.22	47.36 0.83 -19.97	27.98 0.83 0.00	27.69 0.77 0.00	36.65 1.06 -1.18	27.70 1.01 -0.27	34.56 1.46 -0.17	39.30 1.71 -2.55	28.35 1.55 0.00	23.75 1.41 0.00	25.90 1.54 0.00	26.03 1.55 0.00	27.32 1.59 0.00	30.41 1.73 0.00	36.91 1.99 0.00	30.15 1.59 0.00	33.08 1.61 0.00	44.86 1.99 0.00	56.32 2.27 0.00	43.42 1.82 0.00	44.80 1.67 0.00	39.39 1.54 0.00	41.00 1.60 0.00	35.27 1.48 0.00
RAVENSWOOD_GT3_1 24248	31.21 1.09 -0.22	47.35 0.82 -19.97	27.97 0.82 0.00	27.67 0.75 0.00	36.64 1.05 -1.18	27.68 0.99 -0.27	34.54 1.44 -0.17	39.27 1.68 -2.55	28.34 1.53 0.00	23.74 1.39 0.00	25.89 1.53 0.00	26.02 1.53 0.00	27.31 1.57 0.00	30.39 1.71 0.00	36.89 1.98 0.00	30.12 1.57 0.00	33.07 1.59 0.00	44.84 1.97 0.00	56.29 2.24 0.00	43.40 1.80 0.00	44.78 1.65 0.00	39.36 1.52 0.00	40.98 1.58 0.00	35.25 1.45 0.00
RAVENSWOOD_GT3_2 24249	31.21 1.09 -0.22	47.35 0.82 -19.97	27.97 0.82 0.00	27.67 0.75 0.00	36.64 1.05 -1.18	27.68 0.99 -0.27	34.54 1.44 -0.17	39.27 1.68 -2.55	28.34 1.53 0.00	23.74 1.39 0.00	25.89 1.53 0.00	26.02 1.53 0.00	27.31 1.57 0.00	30.39 1.71 0.00	36.89 1.98 0.00	30.12 1.57 0.00	33.07 1.59 0.00	44.84 1.97 0.00	56.29 2.24 0.00	43.40 1.80 0.00	44.78 1.65 0.00	39.36 1.52 0.00	40.98 1.58 0.00	35.25 1.45 0.00
RAVENSWOOD_GT3_3 24250	31.26 1.14 -0.22	47.39 0.86 -19.97	28.01 0.86 0.00	27.72 0.79 0.00	36.68 1.09 -1.18	27.73 1.04 -0.27	34.60 1.50 -0.17	39.33 1.74 -2.55	28.39 1.58 0.00	23.78 1.44 0.00	25.94 1.57 0.00	26.07 1.58 0.00	27.35 1.62 0.00	30.45 1.77 0.00	36.96 2.04 0.00	30.18 1.62 0.00	33.13 1.66 0.00	44.92 2.05 0.00	56.40 2.35 0.00	43.48 1.89 0.00	44.86 1.72 0.00	39.44 1.59 0.00	41.04 1.64 0.00	35.30 1.51 0.00
RAVENSWOOD_GT3_4 24251	31.26 1.14 -0.22	47.39 0.86 -19.97	28.01 0.86 0.00	27.72 0.79 0.00	36.68 1.09 -1.18	27.73 1.04 -0.27	34.60 1.50 -0.17	39.33 1.74 -2.55	28.39 1.58 0.00	23.78 1.44 0.00	25.94 1.57 0.00	26.07 1.58 0.00	27.35 1.62 0.00	30.45 1.77 0.00	36.96 2.04 0.00	30.18 1.62 0.00	33.13 1.66 0.00	44.92 2.05 0.00	56.40 2.35 0.00	43.48 1.89 0.00	44.86 1.72 0.00	39.44 1.59 0.00	41.04 1.64 0.00	35.30 1.51 0.00
RAVENSWOOD_GT_1 23729	31.28 1.16 -0.22	47.40 0.87 -19.97	28.05 0.89 0.00	27.73 0.80 0.00	36.69 1.10 -1.19	27.75 1.06 -0.27	34.64 1.54 -0.17	39.39 1.81 -2.55	28.47 1.66 0.00	23.85 1.50 0.00	25.98 1.61 0.00	26.13 1.64 0.00	27.41 1.67 0.00	30.51 1.83 0.00	37.05 2.12 0.00	30.25 1.69 0.00	33.21 1.73 0.00	44.98 2.10 0.00	56.43 2.38 0.00	43.48 1.89 0.00	44.89 1.76 0.00	39.48 1.64 0.00	41.09 1.69 0.00	35.34 1.55 0.00
RAVENSWOOD_GT_10 24258	31.21 1.09 -0.22	47.35 0.82 -19.97	27.97 0.82 0.00	27.67 0.75 0.00	36.64 1.05 -1.18	27.68 0.99 -0.27	34.54 1.44 -0.17	39.26 1.68 -2.55	28.33 1.53 0.00	23.74 1.39 0.00	25.89 1.52 0.00	26.02 1.53 0.00	27.30 1.57 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.12 1.57 0.00	33.07 1.59 0.00	44.84 1.96 0.00	56.30 2.24 0.00	43.40 1.80 0.00	44.78 1.64 0.00	39.37 1.52 0.00	40.98 1.58 0.00	35.24 1.45 0.00
RAVENSWOOD_GT_11 24259	31.21 1.09 -0.22	47.35 0.82 -19.97	27.97 0.82 0.00	27.67 0.75 0.00	36.64 1.05 -1.18	27.68 0.99 -0.27	34.54 1.44 -0.17	39.26 1.68 -2.55	28.33 1.53 0.00	23.74 1.39 0.00	25.89 1.52 0.00	26.02 1.53 0.00	27.30 1.57 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.12 1.57 0.00	33.07 1.59 0.00	44.84 1.96 0.00	56.30 2.24 0.00	43.40 1.80 0.00	44.78 1.64 0.00	39.37 1.52 0.00	40.98 1.58 0.00	35.24 1.45 0.00
RAVENSWOOD_GT_4 24252	31.21 1.09 -0.22	47.35 0.82 -19.97	27.96 0.81 0.00	27.67 0.75 0.00	36.64 1.04 -1.18	27.68 0.99 -0.27	34.54 1.44 -0.17	39.26 1.67 -2.55	28.33 1.52 0.00	23.73 1.38 0.00	25.88 1.52 0.00	26.01 1.52 0.00	27.30 1.56 0.00	30.38 1.70 0.00	36.88 1.96 0.00	30.11 1.56 0.00	33.06 1.58 0.00	44.82 1.95 0.00	56.30 2.24 0.00	43.39 1.79 0.00	44.77 1.63 0.00	39.36 1.52 0.00	40.98 1.58 0.00	35.24 1.45 0.00
RAVENSWOOD_GT_5 24254	31.21 1.09 -0.22	47.35 0.82 -19.97	27.96 0.81 0.00	27.67 0.75 0.00	36.64 1.04 -1.18	27.68 0.99 -0.27	34.54 1.44 -0.17	39.26 1.67 -2.55	28.33 1.52 0.00	23.73 1.38 0.00	25.88 1.52 0.00	26.01 1.52 0.00	27.30 1.56 0.00	30.38 1.70 0.00	36.88 1.96 0.00	30.11 1.56 0.00	33.06 1.58 0.00	44.82 1.95 0.00	56.30 2.24 0.00	43.39 1.79 0.00	44.77 1.63 0.00	39.36 1.52 0.00	40.98 1.58 0.00	35.24 1.45 0.00
RAVENSWOOD_GT_6 24253	31.21 1.09 -0.22	47.35 0.82 -19.97	27.96 0.81 0.00	27.67 0.75 0.00	36.64 1.04 -1.18	27.68 0.99 -0.27	34.54 1.44 -0.17	39.26 1.67 -2.55	28.33 1.52 0.00	23.73 1.38 0.00	25.88 1.52 0.00	26.01 1.52 0.00	27.30 1.56 0.00	30.38 1.70 0.00	36.88 1.96 0.00	30.11 1.56 0.00	33.06 1.58 0.00	44.82 1.95 0.00	56.30 2.24 0.00	43.39 1.79 0.00	44.77 1.63 0.00	39.36 1.52 0.00	40.98 1.58 0.00	35.24 1.45 0.00
RAVENSWOOD_GT_7 24255	31.21 1.09 -0.22	47.35 0.82 -19.97	27.96 0.81 0.00	27.67 0.75 0.00	36.64 1.04 -1.18	27.68 0.99 -0.27	34.54 1.44 -0.17	39.26 1.67 -2.55	28.33 1.52 0.00	23.73 1.38 0.00	25.88 1.52 0.00	26.01 1.52 0.00	27.30 1.56 0.00	30.38 1.70 0.00	36.88 1.96 0.00	30.11 1.56 0.00	33.06 1.58 0.00	44.82 1.95 0.00	56.30 2.24 0.00	43.39 1.79 0.00	44.77 1.63 0.00	39.36 1.52 0.00	40.98 1.58 0.00	35.24 1.45 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.21 1.09 -0.22	47.35 0.82 -19.97	27.97 0.82 0.00	27.67 0.75 0.00	36.64 1.05 -1.18	27.68 0.99 -0.27	34.54 1.44 -0.17	39.26 1.68 -2.55	28.33 1.53 0.00	23.74 1.39 0.00	25.89 1.52 0.00	26.02 1.53 0.00	27.30 1.57 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.12 1.57 0.00	33.07 1.59 0.00	44.84 1.96 0.00	56.30 2.24 0.00	43.40 1.80 0.00	44.78 1.64 0.00	39.37 1.52 0.00	40.98 1.58 0.00	35.24 1.45 0.00
RAVENSWOOD_GT_9 24257	31.21 1.09 -0.22	47.35 0.82 -19.97	27.97 0.82 0.00	27.67 0.75 0.00	36.64 1.05 -1.18	27.68 0.99 -0.27	34.54 1.44 -0.17	39.26 1.68 -2.55	28.33 1.53 0.00	23.74 1.39 0.00	25.89 1.52 0.00	26.02 1.53 0.00	27.30 1.57 0.00	30.39 1.71 0.00	36.89 1.97 0.00	30.12 1.57 0.00	33.07 1.59 0.00	44.84 1.96 0.00	56.30 2.24 0.00	43.40 1.80 0.00	44.78 1.64 0.00	39.37 1.52 0.00	40.98 1.58 0.00	35.24 1.45 0.00

RAVENSWOOD___1 23533	31.25 1.13 -0.22	47.36 0.83 -19.97	28.02 0.87 0.00	27.70 0.77 0.00	36.65 1.05 -1.18	27.71 1.03 -0.27	34.58 1.48 -0.17	39.35 1.76 -2.55	28.42 1.61 0.00	23.80 1.46 0.00	25.93 1.57 0.00	26.07 1.59 0.00	27.36 1.62 0.00	30.46 1.78 0.00	36.98 2.06 0.00	30.20 1.64 0.00	33.15 1.67 0.00	44.90 2.03 0.00	56.35 2.30 0.00	43.44 1.85 0.00	44.84 1.71 0.00	39.42 1.58 0.00	41.03 1.63 0.00	35.29 1.50 0.00
RAVENSWOOD___2 23534	31.25 1.13 -0.22	47.36 0.83 -19.97	28.02 0.87 0.00	27.70 0.77 0.00	36.65 1.05 -1.18	27.71 1.03 -0.27	34.58 1.48 -0.17	39.35 1.76 -2.55	28.42 1.61 0.00	23.80 1.46 0.00	25.93 1.57 0.00	26.07 1.59 0.00	27.36 1.62 0.00	30.46 1.78 0.00	36.98 2.06 0.00	30.20 1.64 0.00	33.15 1.67 0.00	44.90 2.03 0.00	56.35 2.30 0.00	43.44 1.85 0.00	44.84 1.71 0.00	39.42 1.58 0.00	41.03 1.63 0.00	35.29 1.50 0.00
RAVENSWOOD___3 23535	31.22 1.10 -0.22	47.35 0.82 -19.97	27.98 0.82 0.00	27.67 0.75 0.00	36.64 1.05 -1.18	27.68 0.99 -0.27	34.54 1.44 -0.17	39.28 1.69 -2.55	28.34 1.53 0.00	23.74 1.40 0.00	25.89 1.52 0.00	26.02 1.53 0.00	27.31 1.57 0.00	30.40 1.72 0.00	36.89 1.98 0.00	30.13 1.57 0.00	33.07 1.59 0.00	44.84 1.97 0.00	56.31 2.25 0.00	43.40 1.80 0.00	44.78 1.65 0.00	39.36 1.52 0.00	40.98 1.58 0.00	35.25 1.46 0.00
RAVENSWOOD___4 23820	31.25 1.13 -0.22	47.36 0.83 -19.97	28.02 0.87 0.00	27.70 0.77 0.00	36.65 1.05 -1.18	27.71 1.03 -0.27	34.58 1.48 -0.17	39.35 1.76 -2.55	28.42 1.61 0.00	23.80 1.46 0.00	25.93 1.57 0.00	26.07 1.59 0.00	27.36 1.62 0.00	30.46 1.78 0.00	36.98 2.06 0.00	30.20 1.64 0.00	33.15 1.67 0.00	44.90 2.03 0.00	56.35 2.30 0.00	43.44 1.85 0.00	44.84 1.71 0.00	39.42 1.58 0.00	41.03 1.63 0.00	35.29 1.50 0.00
RCPL_TRUST___DRP 24196	31.23 1.11 -0.22	47.37 0.84 -19.97	27.99 0.84 0.00	27.69 0.76 0.00	36.67 1.08 -1.18	27.70 1.02 -0.27	34.58 1.48 -0.17	39.32 1.73 -2.55	28.38 1.57 0.00	23.75 1.41 0.00	25.91 1.55 0.00	26.04 1.56 0.00	27.33 1.60 0.00	30.42 1.74 0.00	36.93 2.01 0.00	30.15 1.60 0.00	33.10 1.63 0.00	44.88 2.01 0.00	56.34 2.29 0.00	43.42 1.82 0.00	44.80 1.66 0.00	39.38 1.53 0.00	40.99 1.59 0.00	35.25 1.46 0.00
RED___ROCHESTER 323720	30.47 0.57 0.00	27.17 0.61 0.00	27.58 0.43 0.00	27.33 0.41 0.00	35.01 0.60 0.00	27.02 0.54 -0.06	34.15 0.13 -1.09	36.66 0.12 -1.49	27.13 0.05 -0.28	22.45 0.10 0.00	24.64 0.27 -0.01	25.46 0.24 -0.73	26.28 0.43 -0.12	29.99 0.58 -0.73	37.49 1.06 -1.51	30.58 0.95 -1.08	33.78 1.03 -1.28	47.36 1.58 -2.90	65.08 2.42 -8.61	51.65 1.45 -8.61	49.15 1.06 -4.95	41.05 0.91 -2.29	43.69 1.08 -3.20	36.39 0.89 -1.71
REGAN___SOLAR 323812	31.18 1.42 0.13	15.97 1.22 11.80	28.39 1.24 0.00	28.14 1.22 0.00	35.30 1.60 0.70	27.48 1.22 0.16	34.48 1.66 0.10	35.30 1.76 1.51	27.74 0.93 0.00	22.56 0.21 0.00	24.12 -0.25 0.00	24.25 -0.23 0.00	25.37 -0.37 0.00	28.37 -0.31 0.00	34.74 -0.18 0.00	28.37 -0.19 0.00	31.48 0.00 0.00	43.98 1.11 0.00	56.79 2.73 0.00	44.03 2.43 0.00	45.60 2.47 0.00	39.87 2.02 0.00	41.37 1.97 0.00	35.44 1.65 0.00
RENSSELAER___COGEN 23796	29.79 0.06 0.17	11.55 0.04 15.05	27.30 0.15 0.00	27.07 0.14 0.00	33.65 0.13 0.89	26.39 0.17 0.20	33.10 0.29 0.13	33.43 0.30 1.91	27.12 0.31 0.00	22.61 0.26 0.00	24.58 0.21 0.00	24.75 0.26 0.00	25.87 0.14 0.00	28.77 0.09 0.00	34.94 0.02 0.00	28.57 0.01 0.00	31.44 -0.04 0.00	42.74 -0.14 0.00	53.90 -0.15 0.00	41.54 -0.06 0.00	43.11 -0.03 0.00	37.87 0.02 0.00	39.37 -0.03 0.00	33.81 0.02 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.81 3.14 0.22	8.86 2.67 20.36	29.60 2.45 0.00	29.40 2.48 0.00	36.50 3.30 1.21	28.92 2.77 0.27	36.70 3.94 0.17	36.76 4.32 2.60	29.85 3.05 0.00	24.81 2.47 0.00	26.83 2.47 0.00	26.89 2.41 0.00	27.93 2.20 0.00	31.25 2.57 0.00	37.77 2.85 0.00	30.84 2.28 0.00	34.34 2.86 0.00	46.95 4.07 0.00	59.55 5.49 0.00	46.58 4.98 0.00	48.75 5.61 0.00	42.43 4.59 0.00	44.06 4.65 0.00	37.92 4.13 0.00
REVERE_CPPR_DRP 24186	39.96 1.28 -8.78	77.64 1.05 -50.03	45.56 1.05 -17.36	28.31 1.02 -0.37	35.73 1.32 0.00	27.53 1.06 -0.05	35.36 1.54 -0.89	37.70 1.47 -1.19	28.02 0.99 -0.22	22.95 0.61 0.00	24.97 0.59 -0.01	25.65 0.58 -0.58	26.45 0.61 -0.10	30.04 0.78 -0.57	37.24 1.13 -1.20	30.35 0.94 -0.86	33.80 1.28 -1.04	47.32 2.08 -2.37	63.89 2.81 -7.03	52.44 2.25 -8.60	49.49 2.26 -4.10	41.55 1.84 -1.87	43.69 1.67 -2.61	36.57 1.38 -1.40
REYNLDPA_13_KV_LD 356490	15.10 0.15 14.95	-58.51 0.10 85.17	-2.45 -0.04 29.56	26.52 0.22 0.62	34.70 0.29 0.00	26.64 0.22 0.00	33.22 0.29 0.00	35.35 0.31 0.00	26.97 0.16 0.00	22.46 0.12 0.00	24.56 0.19 0.00	24.69 0.20 0.00	25.98 0.24 0.00	28.93 0.25 0.00	35.19 0.27 0.00	28.77 0.21 0.00	31.78 0.31 0.00	43.38 0.50 0.00	54.36 0.31 0.00	39.14 0.22 2.68	43.54 0.51 0.10	38.20 0.36 0.00	39.82 0.42 0.00	34.12 0.33 0.00
REYNOLDS_115KV_TB3 80639	30.00 0.30 0.20	8.68 0.23 18.11	27.48 0.33 0.00	27.24 0.32 0.00	33.71 0.38 1.08	26.53 0.35 0.24	33.32 0.54 0.15	33.28 0.54 2.30	27.30 0.50 0.00	22.76 0.42 0.00	24.73 0.37 0.00	24.90 0.42 0.00	26.07 0.33 0.00	28.97 0.29 0.00	35.18 0.26 0.00	28.76 0.20 0.00	31.64 0.16 0.00	42.97 0.09 0.00	54.16 0.11 0.00	41.74 0.14 0.00	43.36 0.23 0.00	38.10 0.25 0.00	39.61 0.21 0.00	34.03 0.24 0.00
RIVERBAY____ 323610	31.95 1.84 -0.22	47.99 1.46 -19.97	28.73 1.58 0.00	28.35 1.43 0.00	37.56 1.97 -1.19	28.47 1.78 -0.27	35.52 2.42 -0.17	40.25 2.66 -2.55	29.13 2.32 0.00	24.34 1.99 0.00	26.47 2.10 0.00	26.54 2.05 0.00	27.81 2.08 0.00	30.98 2.30 0.00	37.62 2.70 0.00	30.75 2.19 0.00	33.74 2.26 0.00	45.66 2.79 0.00	57.37 3.32 0.00	44.23 2.64 0.00	45.63 2.49 0.00	40.13 2.29 0.00	41.79 2.39 0.00	35.98 2.19 0.00
RIVERSDE_115KV_TB3 55908	29.92 0.21 0.18	10.09 0.16 16.63	27.42 0.26 0.00	27.18 0.25 0.00	33.71 0.29 0.99	26.49 0.29 0.22	33.24 0.45 0.14	33.38 0.45 2.12	27.24 0.43 0.00	22.72 0.37 0.00	24.69 0.32 0.00	24.85 0.37 0.00	26.01 0.27 0.00	28.91 0.23 0.00	35.11 0.19 0.00	28.70 0.14 0.00	31.60 0.12 0.00	42.93 0.06 0.00	54.12 0.07 0.00	41.70 0.11 0.00	43.30 0.16 0.00	38.03 0.18 0.00	39.54 0.13 0.00	33.95 0.16 0.00
ROARING___BROOK_WT_PWR 323790	27.25 -0.16 2.48	12.21 -0.20 14.14	22.04 -0.21 4.91	26.58 -0.24 0.10	34.06 -0.34 0.00	26.13 -0.29 0.00	32.66 -0.28 0.00	34.72 -0.33 0.00	26.67 -0.14 0.00	22.29 -0.05 0.00	24.36 0.00 0.00	24.48 0.00 0.00	25.75 0.01 0.00	28.69 0.01 0.00	34.91 -0.01 0.00	28.55 -0.01 0.00	31.49 0.01 0.00	42.91 0.04 0.00	54.01 -0.04 0.00	41.13 -0.02 0.44	43.15 0.03 0.02	37.81 -0.03 0.00	39.32 -0.08 0.00	33.71 -0.08 0.00

ROCHESRG_115KV_T4 355643	30.12 0.22 0.00	26.88 0.32 0.00	27.30 0.15 0.00	27.06 0.14 0.00	34.66 0.25 0.00	26.73 0.25 -0.06	33.75 -0.24 -1.07	36.19 -0.31 -1.46	26.79 -0.29 -0.27	22.16 -0.18 0.00	24.32 -0.05 -0.01	25.11 -0.10 -0.72	25.91 0.05 -0.12	29.53 0.14 -0.71	36.88 0.49 -1.48	30.08 0.47 -1.05	33.22 0.49 -1.25	46.51 0.79 -2.84	63.87 1.40 -8.42	50.73 0.72 -8.42	48.31 0.34 -4.84	40.40 0.32 -2.24	43.06 0.52 -3.13	35.92 0.45 -1.67
ROCHESTER_9_IC 23652	30.27 0.38 0.00	27.01 0.45 0.00	27.43 0.28 0.00	27.19 0.27 0.00	34.82 0.42 0.00	26.87 0.39 -0.06	33.96 -0.06 -1.09	36.43 -0.11 -1.50	26.95 -0.13 -0.28	22.29 -0.06 0.00	24.46 0.09 -0.01	25.27 0.05 -0.74	26.08 0.21 -0.12	29.74 0.33 -0.73	37.18 0.74 -1.51	30.32 0.68 -1.08	33.49 0.74 -1.28	46.92 1.13 -2.91	64.52 1.84 -8.63	51.26 1.04 -8.63	48.76 0.66 -4.96	40.72 0.58 -2.29	43.38 0.77 -3.21	36.16 0.65 -1.71
ROCKVIEW_13_KV_LD 356306	31.29 1.17 -0.22	47.41 0.88 -19.97	28.03 0.88 0.00	27.75 0.82 0.00	36.70 1.11 -1.18	27.70 1.02 -0.27	34.56 1.45 -0.17	39.29 1.70 -2.55	28.31 1.51 0.00	23.73 1.39 0.00	25.90 1.54 0.00	26.03 1.55 0.00	27.32 1.59 0.00	30.41 1.73 0.00	36.91 2.00 0.00	30.12 1.57 0.00	33.07 1.60 0.00	44.91 2.03 0.00	56.42 2.36 0.00	43.47 1.87 0.00	44.85 1.72 0.00	39.42 1.58 0.00	41.08 1.68 0.00	35.33 1.54 0.00
ROME____115KV_TB2 80656	39.96 1.28 -8.78	77.64 1.05 -50.03	45.56 1.05 -17.36	28.31 1.02 -0.37	35.73 1.32 0.00	27.53 1.06 -0.05	35.36 1.54 -0.89	37.70 1.47 -1.19	28.02 0.99 -0.22	22.95 0.61 0.00	24.97 0.59 -0.01	25.65 0.58 -0.58	26.45 0.61 -0.10	30.04 0.78 -0.57	37.24 1.13 -1.20	30.35 0.94 -0.86	33.80 1.28 -1.04	47.32 2.08 -2.37	63.89 2.81 -7.03	52.44 2.25 -8.60	49.49 2.26 -4.10	41.55 1.84 -1.87	43.69 1.67 -2.61	36.57 1.38 -1.40
ROSETON___1 23587	30.89 0.79 -0.20	45.44 0.58 -18.31	27.73 0.58 0.00	27.44 0.51 0.00	36.22 0.73 -1.09	27.33 0.66 -0.24	34.05 0.96 -0.16	38.48 1.11 -2.33	27.82 1.02 0.00	23.29 0.94 0.00	25.40 1.04 0.00	25.53 1.04 0.00	26.79 1.06 0.00	29.82 1.14 0.00	36.23 1.31 0.00	29.58 1.02 0.00	32.50 1.02 0.00	44.13 1.26 0.00	55.49 1.44 0.00	42.79 1.19 0.00	44.20 1.07 0.00	38.85 1.00 0.00	40.45 1.05 0.00	34.83 1.03 0.00
ROSETON___2 23588	30.89 0.79 -0.20	45.44 0.58 -18.31	27.73 0.58 0.00	27.44 0.51 0.00	36.22 0.73 -1.09	27.33 0.66 -0.24	34.05 0.96 -0.16	38.48 1.11 -2.33	27.82 1.02 0.00	23.29 0.94 0.00	25.40 1.04 0.00	25.53 1.04 0.00	26.79 1.06 0.00	29.82 1.14 0.00	36.23 1.31 0.00	29.58 1.02 0.00	32.50 1.02 0.00	44.13 1.26 0.00	55.49 1.44 0.00	42.79 1.19 0.00	44.20 1.07 0.00	38.85 1.00 0.00	40.45 1.05 0.00	34.83 1.03 0.00
ROTTTRDAM_115KV_TB3 80664	30.33 0.59 0.15	13.75 0.47 13.28	27.67 0.52 0.00	27.44 0.51 0.00	34.27 0.65 0.79	26.74 0.50 0.18	33.50 0.69 0.11	34.04 0.71 1.71	27.35 0.54 0.00	22.76 0.41 0.00	24.76 0.40 0.00	24.89 0.40 0.00	26.14 0.40 0.00	29.10 0.43 0.00	35.39 0.47 0.00	28.91 0.35 0.00	31.86 0.38 0.00	43.45 0.57 0.00	54.86 0.81 0.00	42.32 0.73 0.00	43.88 0.75 0.00	38.52 0.67 0.00	40.06 0.66 0.00	34.40 0.61 0.00
RUSSELL___1 23602	30.47 0.57 0.00	27.16 0.61 0.00	27.58 0.44 0.00	27.33 0.41 0.00	35.01 0.60 0.00	27.02 0.54 -0.06	34.16 0.14 -1.09	36.67 0.13 -1.49	27.13 0.05 -0.28	22.45 0.10 0.00	24.64 0.27 -0.01	25.46 0.24 -0.73	26.29 0.43 -0.12	29.99 0.58 -0.73	37.50 1.07 -1.51	30.59 0.95 -1.08	33.78 1.03 -1.28	47.36 1.58 -2.90	65.08 2.42 -8.61	51.66 1.45 -8.61	49.16 1.07 -4.95	41.05 0.91 -2.29	43.69 1.08 -3.20	36.39 0.89 -1.71
RUSSELL___2 23532	30.47 0.57 0.00	27.16 0.61 0.00	27.58 0.44 0.00	27.33 0.41 0.00	35.01 0.60 0.00	27.02 0.54 -0.06	34.16 0.14 -1.09	36.67 0.13 -1.49	27.13 0.05 -0.28	22.45 0.10 0.00	24.64 0.27 -0.01	25.46 0.24 -0.73	26.29 0.43 -0.12	29.99 0.58 -0.73	37.50 1.07 -1.51	30.59 0.95 -1.08	33.78 1.03 -1.28	47.36 1.58 -2.90	65.08 2.42 -8.61	51.66 1.45 -8.61	49.16 1.07 -4.95	41.05 0.91 -2.29	43.69 1.08 -3.20	36.39 0.89 -1.71
RUSSELL___3 23549	30.47 0.57 0.00	27.16 0.61 0.00	27.58 0.44 0.00	27.33 0.41 0.00	35.01 0.60 0.00	27.02 0.54 -0.06	34.16 0.14 -1.09	36.67 0.13 -1.49	27.13 0.05 -0.28	22.45 0.10 0.00	24.64 0.27 -0.01	25.46 0.24 -0.73	26.29 0.43 -0.12	29.99 0.58 -0.73	37.50 1.07 -1.51	30.59 0.95 -1.08	33.78 1.03 -1.28	47.36 1.58 -2.90	65.08 2.42 -8.61	51.66 1.45 -8.61	49.16 1.07 -4.95	41.05 0.91 -2.29	43.69 1.08 -3.20	36.39 0.89 -1.71
RUSSELL___4 23556	30.47 0.57 0.00	27.16 0.61 0.00	27.58 0.44 0.00	27.33 0.41 0.00	35.01 0.60 0.00	27.02 0.54 -0.06	34.16 0.14 -1.09	36.67 0.13 -1.49	27.13 0.05 -0.28	22.45 0.10 0.00	24.64 0.27 -0.01	25.46 0.24 -0.73	26.29 0.43 -0.12	29.99 0.58 -0.73	37.50 1.07 -1.51	30.59 0.95 -1.08	33.78 1.03 -1.28	47.36 1.58 -2.90	65.08 2.42 -8.61	51.66 1.45 -8.61	49.16 1.07 -4.95	41.05 0.91 -2.29	43.69 1.08 -3.20	36.39 0.89 -1.71
RUSSELL___STATION 23914	30.47 0.57 0.00	27.16 0.61 0.00	27.58 0.44 0.00	27.33 0.41 0.00	35.01 0.60 0.00	27.02 0.54 -0.06	34.16 0.14 -1.09	36.67 0.13 -1.49	27.13 0.05 -0.28	22.45 0.10 0.00	24.64 0.27 -0.01	25.46 0.24 -0.73	26.29 0.43 -0.12	29.99 0.58 -0.73	37.50 1.07 -1.51	30.59 0.95 -1.08	33.78 1.03 -1.28	47.36 1.58 -2.90	65.08 2.42 -8.61	51.66 1.45 -8.61	49.16 1.07 -4.95	41.05 0.91 -2.29	43.69 1.08 -3.20	36.39 0.89 -1.71
S SALMON___HYD 24043	39.90 0.32 -9.69	81.96 0.20 -55.20	46.44 0.13 -19.15	27.45 0.12 -0.40	34.55 0.15 0.00	26.74 0.16 -0.16	36.10 0.25 -2.92	39.14 0.23 -3.87	27.58 0.06 -0.72	22.21 -0.14 0.00	24.14 -0.24 -0.02	26.11 -0.28 -1.91	25.80 -0.26 -0.33	30.33 -0.23 -1.88	38.65 -0.19 -3.92	31.25 -0.11 -2.80	34.79 -0.10 -3.42	50.61 -0.06 -7.80	77.59 0.41 -23.13	66.95 0.49 -24.86	57.00 0.50 -13.37	44.32 0.33 -6.15	48.23 0.22 -8.60	38.57 0.18 -4.59
S.PERRY__115KV_TB1 80734	31.15 1.25 0.00	27.81 1.25 0.00	28.11 0.97 0.00	27.92 0.99 0.00	35.80 1.39 0.00	27.71 1.22 -0.07	35.30 1.06 -1.31	37.97 1.14 -1.79	27.78 0.64 -0.33	22.92 0.58 0.00	25.04 0.67 -0.01	25.92 0.55 -0.88	26.37 0.48 -0.15	30.12 0.57 -0.87	38.07 1.33 -1.82	31.42 1.56 -1.30	34.83 1.82 -1.53	49.03 2.66 -3.49	68.59 4.19 -10.35	54.76 2.82 -10.35	51.45 2.37 -5.95	42.62 2.03 -2.75	45.48 2.23 -3.85	37.62 1.78 -2.06
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.02 0.12 0.00	27.00 0.45 0.00	27.27 0.12 0.00	27.04 0.12 0.00	34.67 0.26 0.00	26.77 0.28 -0.06	33.11 -0.97 -1.15	35.40 -1.21 -1.57	26.09 -1.00 -0.29	21.75 -0.60 0.00	24.02 -0.36 -0.01	24.79 -0.47 -0.77	25.64 -0.23 -0.13	29.27 -0.17 -0.76	36.73 0.22 -1.59	30.01 0.31 -1.13	33.10 0.28 -1.35	46.27 0.33 -3.06	64.12 0.98 -9.09	50.77 0.09 -9.09	47.88 -0.49 -5.22	40.07 -0.19 -2.41	43.20 0.42 -3.38	36.18 0.58 -1.81

SAWYER___23_KV_LOAD 55526	30.02 0.12 0.00	27.00 0.45 0.00	27.27 0.12 0.00	27.04 0.12 0.00	34.67 0.26 0.00	26.77 0.28 -0.06	33.11 -0.97 -1.15	35.40 -1.21 -1.57	26.09 -1.00 -0.29	21.75 -0.60 0.00	24.02 -0.36 -0.01	24.79 -0.47 -0.77	25.64 -0.23 -0.13	29.27 -0.17 -0.76	36.73 0.22 -1.59	30.01 0.31 -1.13	33.10 0.28 -1.35	46.27 0.33 -3.06	64.12 0.98 -9.09	50.77 0.09 -9.09	47.88 -0.49 -5.22	40.07 -0.19 -2.41	43.20 0.42 -3.38	36.18 0.58 -1.81
SELKIRK___I 23801	29.67 -0.15 0.08	19.72 0.04 6.88	27.60 0.45 0.00	27.37 0.44 0.00	34.57 0.57 0.41	26.79 0.46 0.09	33.49 0.62 0.06	34.78 0.61 0.87	27.20 0.39 0.00	22.63 0.28 0.00	24.60 0.23 0.00	24.82 0.34 0.00	25.93 0.20 0.00	28.85 0.17 0.00	35.06 0.14 0.00	28.73 0.17 0.00	31.58 0.11 0.00	43.11 0.23 0.00	54.49 0.44 0.00	42.00 0.40 0.00	43.57 0.43 0.00	38.28 0.44 0.00	39.82 0.42 0.00	34.19 0.40 0.00
SELKIRK___II 23799	29.92 0.14 0.12	16.26 0.15 10.45	27.44 0.29 0.00	27.20 0.27 0.00	34.12 0.33 0.62	26.57 0.29 0.14	33.26 0.41 0.09	34.15 0.43 1.33	27.20 0.40 0.00	22.68 0.33 0.00	24.67 0.30 0.00	24.83 0.35 0.00	25.99 0.26 0.00	28.90 0.22 0.00	35.12 0.20 0.00	28.72 0.16 0.00	31.59 0.11 0.00	42.96 0.08 0.00	54.17 0.12 0.00	41.75 0.15 0.00	43.32 0.19 0.00	38.06 0.21 0.00	39.59 0.18 0.00	33.99 0.20 0.00
SENECA OSWGO___HYD 24041	32.87 -0.28 -3.25	44.83 -0.26 -18.54	33.27 -0.32 -6.43	26.75 -0.31 -0.14	34.02 -0.39 0.00	26.35 -0.28 -0.21	36.52 -0.44 -4.03	39.97 -0.46 -5.39	27.40 -0.40 -1.00	21.99 -0.36 0.00	23.97 -0.43 -0.03	26.68 -0.46 -2.65	25.73 -0.46 -0.45	30.82 -0.48 -2.62	39.87 -0.50 -5.45	32.07 -0.38 -3.89	35.81 -0.39 -4.72	53.21 -0.44 -10.77	85.63 -0.34 -31.92	73.82 -0.28 -32.50	61.09 -0.42 -18.38	45.94 -0.39 -8.48	50.88 -0.39 -11.87	39.76 -0.37 -6.34
SENECA___115KV_TB3 355854	30.24 0.34 0.00	27.18 0.63 0.00	27.42 0.27 0.00	27.20 0.28 0.00	34.87 0.46 0.00	26.95 0.47 -0.06	33.46 -0.65 -1.17	35.82 -0.82 -1.60	26.39 -0.72 -0.30	21.98 -0.37 0.00	24.26 -0.12 -0.01	25.05 -0.22 -0.79	25.89 0.02 -0.13	29.58 0.12 -0.78	37.11 0.58 -1.61	30.32 0.61 -1.15	33.46 0.62 -1.37	46.80 0.82 -3.11	64.90 1.61 -9.24	51.45 0.62 -9.24	48.48 0.04 -5.31	40.53 0.23 -2.45	43.62 0.78 -3.43	36.48 0.86 -1.84
SENECA___ENERGY 23797	32.32 0.53 -1.89	37.83 0.49 -10.79	31.23 0.34 -3.74	27.35 0.35 -0.08	34.89 0.48 0.00	27.01 0.46 -0.13	35.89 0.45 -2.51	39.06 0.50 -3.51	27.68 0.22 -0.65	22.46 0.11 0.00	24.49 0.10 -0.02	26.21 -0.01 -1.73	26.03 0.00 -0.29	30.48 0.09 -1.71	38.83 0.36 -3.55	31.50 0.40 -2.54	35.04 0.62 -2.94	50.40 0.85 -6.68	75.58 1.73 -19.80	63.09 1.36 -20.14	55.57 1.04 -11.40	43.96 0.85 -5.26	47.67 0.91 -7.37	38.37 0.65 -3.93
SHOEMAKER___GT 23640	30.77 0.69 -0.18	43.35 0.51 -16.29	27.67 0.52 0.00	27.39 0.47 0.00	36.02 0.64 -0.97	27.24 0.60 -0.22	33.95 0.88 -0.14	38.13 1.01 -2.07	27.68 0.87 0.00	23.12 0.77 0.00	25.17 0.80 0.00	25.31 0.82 0.00	26.57 0.84 0.00	29.60 0.92 0.00	36.01 1.09 0.00	29.46 0.90 0.00	32.43 0.96 0.00	44.08 1.21 0.00	55.48 1.42 0.00	42.78 1.18 0.00	44.19 1.05 0.00	38.80 0.96 0.00	40.38 0.98 0.00	34.63 0.84 0.00
SHOEMAKR_138KV_BK 111 55601	30.76 0.69 -0.18	43.15 0.50 -16.09	27.65 0.50 0.00	27.39 0.46 0.00	36.00 0.64 -0.96	27.23 0.59 -0.21	33.94 0.87 -0.14	38.09 0.99 -2.05	27.68 0.87 0.00	23.12 0.78 0.00	25.19 0.82 0.00	25.33 0.84 0.00	26.59 0.86 0.00	29.62 0.94 0.00	36.04 1.12 0.00	29.47 0.91 0.00	32.43 0.96 0.00	44.07 1.19 0.00	55.45 1.40 0.00	42.75 1.16 0.00	44.16 1.02 0.00	38.79 0.94 0.00	40.36 0.96 0.00	34.62 0.83 0.00
SHOREHAM_IC_1 23715	30.65 0.53 -0.22	46.80 0.27 -19.98	27.46 0.31 0.00	27.18 0.26 0.00	35.83 0.24 -1.18	27.04 0.36 -0.27	33.39 0.29 -0.17	39.09 1.51 -2.55	27.44 0.63 0.00	23.14 0.80 0.00	25.55 1.19 0.00	25.85 1.36 0.00	27.03 1.30 0.00	29.95 1.27 0.00	35.96 1.04 0.00	24.97 0.24 3.83	28.21 0.23 3.50	43.10 0.22 0.00	54.27 0.21 0.00	42.00 0.40 0.00	43.20 0.07 0.00	38.17 0.32 0.00	40.44 1.04 0.00	34.85 1.06 0.00
SHOREHAM_IC_2 23716	30.65 0.53 -0.22	46.80 0.27 -19.98	27.46 0.30 0.00	27.18 0.26 0.00	35.83 0.24 -1.18	27.04 0.36 -0.27	33.39 0.29 -0.17	39.09 1.50 -2.55	27.44 0.63 0.00	23.14 0.80 0.00	25.56 1.19 0.00	25.85 1.36 0.00	27.03 1.30 0.00	29.95 1.27 0.00	35.96 1.04 0.00	24.97 0.24 3.83	28.21 0.23 3.50	43.10 0.23 0.00	54.26 0.21 0.00	42.00 0.40 0.00	43.20 0.06 0.00	38.17 0.32 0.00	40.44 1.04 0.00	34.85 1.06 0.00
SISSONVILLE___ 23735	128.43 0.51 -98.03	585.71 0.61 -558.55	221.50 0.52 -193.83	31.53 0.51 -4.09	35.04 0.63 0.00	26.94 0.50 -0.02	34.20 0.83 -0.45	36.41 0.78 -0.59	27.33 0.42 -0.11	22.50 0.15 0.00	24.59 0.22 0.00	25.00 0.22 -0.29	26.04 0.25 -0.05	29.32 0.35 -0.29	35.91 0.39 -0.60	29.25 0.27 -0.43	32.54 0.54 -0.52	44.99 0.92 -1.19	58.40 0.82 -3.53	63.62 0.96 -21.06	47.08 1.25 -2.69	39.60 0.82 -0.94	41.65 0.94 -1.31	35.22 0.73 -0.70
SITHE_IND_GS1 24169	29.23 -0.66 0.00	25.97 -0.58 0.00	26.52 -0.63 0.00	26.29 -0.63 0.00	33.61 -0.80 0.00	24.98 -0.62 0.81	16.79 -0.88 15.26	13.62 -0.94 20.48	22.26 -0.75 3.79	21.71 -0.63 0.01	23.56 -0.69 0.12	13.68 -0.71 10.10	23.28 -0.73 1.72	17.93 -0.78 9.97	13.32 -0.87 20.73	13.06 -0.70 14.81	12.85 -0.75 17.87	1.15 -0.98 40.75	-67.86 -1.11 120.81	-80.11 -0.89 120.81	-27.36 -1.02 69.48	4.84 -0.90 32.11	-6.47 -0.93 44.94	8.98 -0.82 24.00
SITHE_IND_GS2 24170	29.23 -0.66 0.00	25.97 -0.58 0.00	26.52 -0.63 0.00	26.29 -0.63 0.00	33.61 -0.80 0.00	24.98 -0.62 0.81	16.79 -0.88 15.26	13.62 -0.94 20.48	22.26 -0.75 3.79	21.71 -0.63 0.01	23.56 -0.69 0.12	13.68 -0.71 10.10	23.28 -0.73 1.72	17.93 -0.78 9.97	13.32 -0.87 20.73	13.06 -0.70 14.81	12.85 -0.75 17.87	1.15 -0.98 40.75	-67.86 -1.11 120.81	-80.11 -0.89 120.81	-27.36 -1.02 69.48	4.84 -0.90 32.11	-6.47 -0.93 44.94	8.98 -0.82 24.00
SITHE_IND_GS3 24171	29.23 -0.66 0.00	25.97 -0.58 0.00	26.52 -0.63 0.00	26.29 -0.63 0.00	33.61 -0.80 0.00	24.98 -0.62 0.81	16.79 -0.88 15.26	13.62 -0.94 20.48	22.26 -0.75 3.79	21.71 -0.63 0.01	23.56 -0.69 0.12	13.68 -0.71 10.10	23.28 -0.73 1.72	17.93 -0.78 9.97	13.32 -0.87 20.73	13.06 -0.70 14.81	12.85 -0.75 17.87	1.15 -0.98 40.75	-67.86 -1.11 120.81	-80.11 -0.89 120.81	-27.36 -1.02 69.48	4.84 -0.90 32.11	-6.47 -0.93 44.94	8.98 -0.82 24.00
SITHE_IND_GS4 24172	29.23 -0.66 0.00	25.97 -0.58 0.00	26.52 -0.63 0.00	26.29 -0.63 0.00	33.61 -0.80 0.00	24.98 -0.62 0.81	16.79 -0.88 15.26	13.62 -0.94 20.48	22.26 -0.75 3.79	21.71 -0.63 0.01	23.56 -0.69 0.12	13.68 -0.71 10.10	23.28 -0.73 1.72	17.93 -0.78 9.97	13.32 -0.87 20.73	13.06 -0.70 14.81	12.85 -0.75 17.87	1.15 -0.98 40.75	-67.86 -1.11 120.81	-80.11 -0.89 120.81	-27.36 -1.02 69.48	4.84 -0.90 32.11	-6.47 -0.93 44.94	8.98 -0.82 24.00

SITHE____BATAVIA 24024	30.88 0.99 0.00	27.71 1.15 0.00	28.03 0.87 0.00	27.78 0.86 0.00	35.62 1.21 0.00	27.51 1.03 -0.06	34.30 0.24 -1.13	36.78 0.19 -1.55	27.20 0.11 -0.29	22.39 0.04 0.00	24.55 0.18 -0.01	25.36 0.11 -0.76	26.22 0.35 -0.13	30.02 0.59 -0.75	37.53 1.05 -1.57	30.71 1.03 -1.12	33.91 1.11 -1.32	47.49 1.60 -3.01	65.95 2.96 -8.94	52.38 1.85 -8.94	49.61 1.34 -5.14	41.46 1.24 -2.37	44.36 1.64 -3.32	37.15 1.58 -1.78
SITHE____INDEPEND 23800	29.23 -0.66 0.00	25.97 -0.59 0.00	26.52 -0.63 0.00	26.29 -0.63 0.00	33.61 -0.80 0.00	24.98 -0.62 0.81	16.79 -0.88 15.26	13.62 -0.94 20.48	22.26 -0.75 3.79	21.71 -0.63 0.01	23.56 -0.69 0.12	13.68 -0.71 10.10	23.28 -0.73 1.72	17.93 -0.78 9.97	13.32 -0.87 20.73	13.06 -0.69 14.81	12.85 -0.75 17.87	1.15 -0.98 40.75	-67.86 -1.10 120.81	-80.11 -0.89 120.81	-27.36 -1.02 69.48	4.84 -0.90 32.11	-6.47 -0.93 44.94	8.98 -0.81 24.00
SITHE____MASSENA 23902	172.26 0.19 -142.16	836.96 0.35 -810.05	308.53 0.27 -281.11	33.15 0.29 -5.93	34.76 0.36 0.00	26.68 0.26 0.00	33.33 0.40 0.00	35.44 0.40 0.00	26.99 0.19 0.00	22.44 0.09 0.00	24.53 0.16 0.00	24.66 0.17 0.00	25.95 0.21 0.00	28.90 0.22 0.00	35.16 0.24 0.00	28.76 0.20 0.00	31.81 0.33 0.00	43.44 0.56 0.00	54.45 0.40 0.00	67.40 0.37 -25.43	44.76 0.66 -0.96	38.29 0.44 0.00	39.91 0.51 0.00	34.19 0.40 0.00
SITHE____OGDNSBRG 24021	145.88 0.81 -115.17	683.70 0.92 -656.23	255.70 0.83 -227.73	32.56 0.83 -4.81	35.45 1.04 0.00	27.22 0.78 -0.02	34.45 1.16 -0.35	36.71 1.20 -0.47	27.54 0.65 -0.08	22.55 0.20 0.00	24.66 0.30 0.00	25.03 0.31 -0.23	26.09 0.32 -0.04	29.30 0.39 -0.23	35.83 0.44 -0.47	29.25 0.36 -0.34	32.54 0.65 -0.41	45.03 1.21 -0.94	58.21 1.37 -2.79	66.51 1.53 -23.39	47.37 1.86 -2.38	39.93 1.35 -0.74	41.85 1.41 -1.04	35.45 1.11 -0.55
SITHE____STERLING 23777	36.96 0.97 -6.09	62.04 0.81 -34.68	40.00 0.81 -12.03	27.96 0.78 -0.25	35.43 1.02 0.00	27.30 0.83 -0.05	35.08 1.15 -0.99	37.51 1.14 -1.33	27.83 0.78 -0.25	22.80 0.45 0.00	24.84 0.46 -0.01	25.59 0.45 -0.65	26.32 0.47 -0.11	29.95 0.63 -0.64	37.17 0.91 -1.34	30.26 0.74 -0.96	33.67 1.03 -1.16	47.18 1.65 -2.65	64.16 2.25 -7.86	52.34 1.79 -8.95	49.45 1.76 -4.56	41.36 1.43 -2.09	43.64 1.31 -2.92	36.41 1.06 -1.56
SLEIGHT__34_KV_TB1 80719	29.95 0.06 0.00	26.67 0.11 0.00	27.13 -0.02 0.00	26.91 -0.02 0.00	34.45 0.04 0.00	26.59 0.09 -0.08	34.20 -0.17 -1.44	36.84 -0.19 -1.99	26.95 -0.22 -0.37	22.13 -0.21 0.00	24.21 -0.16 -0.01	25.22 -0.24 -0.98	25.75 -0.16 -0.17	29.59 -0.05 -0.97	37.13 0.20 -2.01	30.21 0.22 -1.44	33.44 0.27 -1.68	47.27 0.57 -3.83	66.52 1.12 -11.35	53.62 0.68 -11.35	50.01 0.35 -6.53	41.14 0.28 -3.02	43.92 0.30 -4.22	36.25 0.20 -2.26
SMITHTWN_69_KV_BK 1 55830	31.15 1.03 -0.22	47.24 0.71 -19.98	27.88 0.73 0.00	27.58 0.65 0.00	36.37 0.78 -1.18	27.45 0.76 -0.27	33.94 0.84 -0.17	39.14 1.55 -2.55	27.89 1.09 0.00	23.54 1.20 0.00	25.96 1.60 0.00	26.22 1.74 0.00	27.48 1.74 0.00	30.49 1.81 0.00	36.64 1.73 0.00	25.50 0.75 3.81	28.77 0.78 3.48	43.90 1.03 0.00	55.26 1.21 0.00	42.75 1.16 0.00	43.95 0.81 0.00	38.77 0.92 0.00	41.06 1.65 0.00	35.36 1.57 0.00
SOUTH CAIRO____GT 23612	30.92 1.03 0.00	27.49 0.93 0.00	28.27 1.12 0.00	28.02 1.09 0.00	35.90 1.49 0.00	27.58 1.16 0.00	34.55 1.62 0.00	36.89 1.85 0.00	28.03 1.22 0.00	23.06 0.72 0.00	24.94 0.58 0.00	25.31 0.82 0.00	26.32 0.58 0.00	29.06 0.38 0.00	35.37 0.45 0.00	28.95 0.39 0.00	31.95 0.47 0.00	43.81 0.93 0.00	56.03 1.98 0.00	43.32 1.73 0.00	44.90 1.77 0.00	39.33 1.49 0.00	40.76 1.36 0.00	34.89 1.10 0.00
SOUTH HAMPTN____IC 23720	30.85 0.74 -0.22	47.02 0.49 -19.98	27.71 0.56 0.00	27.46 0.53 0.00	36.21 0.62 -1.18	27.33 0.64 -0.27	33.56 0.45 -0.17	39.10 1.51 -2.55	27.60 0.79 0.00	23.34 0.99 0.00	25.84 1.47 0.00	26.18 1.69 0.00	27.33 1.59 0.00	30.23 1.55 0.00	36.20 1.28 0.00	25.16 0.44 3.84	28.48 0.51 3.50	43.42 0.54 0.00	54.68 0.62 0.00	42.32 0.73 0.00	43.54 0.41 0.00	38.53 0.69 0.00	40.93 1.52 0.00	35.31 1.52 0.00
SOUTHDOW_115KV_TB1 355954	30.65 0.75 0.00	27.46 0.91 0.00	27.67 0.52 0.00	27.53 0.60 0.00	35.28 0.87 0.00	27.44 0.96 -0.06	34.49 0.37 -1.19	37.30 0.63 -1.63	27.45 0.34 -0.30	22.91 0.57 0.00	25.23 0.85 -0.01	26.01 0.72 -0.80	26.88 1.00 -0.14	30.66 1.19 -0.79	38.49 1.92 -1.64	31.19 1.46 -1.18	34.38 1.51 -1.39	48.02 1.98 -3.17	66.57 3.12 -9.39	53.00 2.01 -9.39	49.94 1.41 -5.40	41.80 1.46 -2.50	44.82 1.92 -3.50	37.27 1.61 -1.87
SOUTHOLD_69_KV_BK 2 55809	30.85 0.73 -0.22	47.08 0.55 -19.98	27.81 0.66 0.00	27.60 0.67 0.00	36.43 0.84 -1.18	27.47 0.78 -0.27	33.36 0.25 -0.17	38.85 1.26 -2.55	27.49 0.68 0.00	23.33 0.98 0.00	25.96 1.60 0.00	26.42 1.93 0.00	27.45 1.71 0.00	30.28 1.60 0.00	36.02 1.10 0.00	25.00 0.28 3.84	28.44 0.47 3.50	43.30 0.42 0.00	54.55 0.50 0.00	42.23 0.63 0.00	43.57 0.44 0.00	38.68 0.84 0.00	41.30 1.90 0.00	35.73 1.94 0.00
SOUTHOLD____IC 23719	30.85 0.73 -0.22	47.08 0.55 -19.98	27.81 0.66 0.00	27.60 0.67 0.00	36.43 0.84 -1.18	27.47 0.78 -0.27	33.36 0.26 -0.17	38.86 1.27 -2.55	27.50 0.69 0.00	23.33 0.98 0.00	25.96 1.60 0.00	26.41 1.93 0.00	27.45 1.71 0.00	30.27 1.60 0.00	36.02 1.10 0.00	25.00 0.27 3.84	28.44 0.47 3.50	43.30 0.42 0.00	54.55 0.49 0.00	42.23 0.63 0.00	43.57 0.44 0.00	38.68 0.83 0.00	41.30 1.90 0.00	35.73 1.94 0.00
SOUTH_FORK_WT_PWR 323839	30.55 0.43 -0.22	46.87 0.34 -19.98	27.64 0.49 0.00	27.43 0.50 0.00	36.26 0.67 -1.18	27.30 0.61 -0.27	32.87 -0.23 -0.17	38.32 0.73 -2.55	27.10 0.30 0.00	23.08 0.73 0.00	25.77 1.40 0.00	26.30 1.81 0.00	27.23 1.49 0.00	29.95 1.27 0.00	35.45 0.53 0.00	24.55 -0.18 3.84	28.01 0.04 3.50	42.63 -0.24 0.00	53.72 -0.34 0.00	41.61 0.02 0.00	43.03 -0.10 0.00	38.34 0.49 0.00	41.13 1.72 0.00	35.68 1.89 0.00
SPIERFLS_115KV_TB 1 80737	30.99 1.31 0.22	7.56 1.07 20.07	28.18 1.03 0.00	27.96 1.03 0.00	34.62 1.40 1.19	27.30 1.15 0.27	34.44 1.68 0.17	34.26 1.78 2.57	27.99 1.19 0.00	23.25 0.90 0.00	25.24 0.87 0.00	25.34 0.85 0.00	26.49 0.75 0.00	29.52 0.84 0.00	35.86 0.94 0.00	29.26 0.70 0.00	32.42 0.95 0.00	44.41 1.53 0.00	56.28 2.23 0.00	43.54 1.95 0.00	45.25 2.12 0.00	39.54 1.70 0.00	41.04 1.64 0.00	35.33 1.54 0.00
ST LAWRENCE____ 23600	18.84 -0.13 10.93	-35.74 -0.01 62.28	5.47 -0.07 21.61	26.42 -0.04 0.46	34.35 -0.06 0.00	26.35 -0.07 0.00	32.88 -0.05 0.00	34.99 -0.05 0.00	26.72 -0.09 0.00	22.25 -0.09 0.00	24.32 -0.04 0.00	24.45 -0.04 0.00	25.73 0.00 0.00	28.66 -0.02 0.00	34.83 -0.09 0.00	28.48 -0.08 0.00	31.45 -0.03 0.00	42.88 0.01 0.00	53.80 -0.25 1.98	39.39 -0.23 0.00	43.08 0.02 0.08	37.80 -0.05 0.00	39.39 -0.01 0.00	33.76 -0.03 0.00

STATE_CA_115KV_115_LB 55624	29.98 0.26 0.17	11.26 0.20 15.50	27.46 0.31 0.00	27.21 0.28 0.00	33.81 0.33 0.92	26.53 0.32 0.21	33.29 0.49 0.13	33.58 0.51 1.97	27.28 0.47 0.00	22.74 0.39 0.00	24.73 0.37 0.00	24.90 0.42 0.00	26.05 0.31 0.00	28.96 0.28 0.00	35.18 0.26 0.00	28.77 0.21 0.00	31.70 0.22 0.00	43.11 0.23 0.00	54.34 0.28 0.00	41.87 0.27 0.00	43.42 0.29 0.00	38.13 0.28 0.00	39.62 0.21 0.00	34.02 0.22 0.00
STATE_ST_34_KV_LOAD 55959	32.18 0.35 -1.93	37.89 0.33 -11.01	31.20 0.23 -3.82	27.24 0.24 -0.08	34.74 0.33 0.00	26.86 0.30 -0.14	35.74 0.25 -2.56	38.90 0.28 -3.58	27.55 0.08 -0.66	22.35 0.00 0.00	24.37 -0.01 -0.02	26.17 -0.07 -1.76	25.99 -0.05 -0.30	30.45 0.03 -1.74	38.77 0.23 -3.62	31.39 0.25 -2.59	34.86 0.38 -3.00	50.32 0.64 -6.80	75.40 1.17 -20.18	62.98 0.87 -20.52	55.41 0.66 -11.62	43.75 0.54 -5.36	47.47 0.57 -7.50	38.21 0.41 -4.01
STATION_5_MISC_HYD 23604	30.27 0.37 0.00	27.01 0.45 0.00	27.43 0.28 0.00	27.19 0.26 0.00	34.82 0.42 0.00	26.87 0.39 -0.06	33.95 -0.07 -1.09	36.42 -0.11 -1.50	26.95 -0.13 -0.28	22.29 -0.06 0.00	24.47 0.09 -0.01	25.27 0.05 -0.74	26.08 0.22 -0.12	29.73 0.33 -0.73	37.17 0.74 -1.51	30.32 0.68 -1.08	33.49 0.74 -1.28	46.92 1.13 -2.91	64.53 1.84 -8.63	51.26 1.04 -8.63	48.76 0.66 -4.96	40.72 0.58 -2.29	43.38 0.77 -3.21	36.16 0.65 -1.71
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.88 0.99 0.00	27.48 0.93 0.00	27.89 0.74 0.00	27.61 0.68 0.00	35.35 0.94 0.00	27.34 0.82 -0.10	35.52 0.70 -1.88	38.42 0.76 -2.62	27.80 0.51 -0.48	22.73 0.38 0.00	24.89 0.51 -0.02	26.28 0.50 -1.29	26.59 0.63 -0.22	30.80 0.84 -1.28	38.91 1.34 -2.65	31.66 1.20 -1.90	35.04 1.36 -2.20	49.93 2.04 -5.01	71.86 2.96 -14.85	58.45 2.00 -14.85	53.31 1.64 -8.54	43.14 1.35 -3.95	46.54 1.62 -5.52	38.04 1.30 -2.95
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.06 0.17 0.00	26.81 0.25 0.00	27.24 0.09 0.00	27.01 0.08 0.00	34.58 0.17 0.00	26.68 0.20 -0.06	33.78 -0.25 -1.10	36.25 -0.30 -1.50	26.81 -0.27 -0.28	22.17 -0.18 0.00	24.32 -0.05 -0.01	25.13 -0.10 -0.74	25.92 0.06 -0.12	29.57 0.15 -0.73	36.95 0.51 -1.52	30.14 0.49 -1.09	33.29 0.53 -1.29	46.67 0.87 -2.93	64.21 1.48 -8.68	51.05 0.78 -8.68	48.52 0.40 -4.99	40.48 0.33 -2.31	43.11 0.47 -3.23	35.91 0.39 -1.72
STA_56___34_KV_BUS2 355983	30.06 0.17 0.00	26.81 0.25 0.00	27.24 0.09 0.00	27.01 0.08 0.00	34.58 0.17 0.00	26.68 0.20 -0.06	33.78 -0.25 -1.10	36.25 -0.30 -1.50	26.81 -0.27 -0.28	22.17 -0.18 0.00	24.32 -0.05 -0.01	25.13 -0.10 -0.74	25.92 0.06 -0.12	29.57 0.15 -0.73	36.95 0.51 -1.52	30.14 0.49 -1.09	33.29 0.53 -1.29	46.67 0.87 -2.93	64.21 1.48 -8.68	51.05 0.78 -8.68	48.52 0.40 -4.99	40.48 0.33 -2.31	43.11 0.47 -3.23	35.91 0.39 -1.72
STA_67___115KV_BK2 355882	30.21 0.31 0.00	26.96 0.40 0.00	27.38 0.23 0.00	27.14 0.22 0.00	34.76 0.36 0.00	26.82 0.34 -0.06	33.89 -0.13 -1.09	36.35 -0.18 -1.49	26.89 -0.19 -0.28	22.24 -0.11 0.00	24.41 0.03 -0.01	25.20 -0.02 -0.73	26.01 0.15 -0.12	29.66 0.26 -0.72	37.06 0.64 -1.51	30.23 0.60 -1.08	33.40 0.65 -1.27	46.78 1.00 -2.90	64.33 1.67 -8.60	51.11 0.92 -8.60	48.62 0.54 -4.94	40.60 0.47 -2.29	43.28 0.68 -3.20	36.08 0.58 -1.71
STA_7___115KV_9TRANS 80674	30.47 0.57 0.00	27.16 0.61 0.00	27.58 0.44 0.00	27.33 0.41 0.00	35.01 0.60 0.00	27.02 0.54 -0.06	34.16 0.14 -1.09	36.67 0.13 -1.49	27.13 0.05 -0.28	22.45 0.10 0.00	24.64 0.27 -0.01	25.46 0.24 -0.73	26.29 0.43 -0.12	29.99 0.58 -0.73	37.50 1.07 -1.51	30.59 0.95 -1.08	33.78 1.03 -1.28	47.36 1.58 -2.90	65.08 2.42 -8.61	51.66 1.45 -8.61	49.16 1.07 -4.95	41.05 0.91 -2.29	43.69 1.08 -3.20	36.39 0.89 -1.71
STA_82___115KV_TB1 80780	30.23 0.34 0.00	26.98 0.42 0.00	27.40 0.25 0.00	27.15 0.23 0.00	34.78 0.37 0.00	26.84 0.36 -0.06	33.93 -0.11 -1.11	36.40 -0.16 -1.52	26.91 -0.17 -0.28	22.25 -0.10 0.00	24.42 0.04 -0.01	25.23 0.00 -0.75	26.02 0.15 -0.13	29.69 0.27 -0.74	37.11 0.66 -1.54	30.27 0.62 -1.10	33.43 0.66 -1.30	46.87 1.04 -2.96	64.54 1.72 -8.76	51.31 0.95 -8.76	48.76 0.58 -5.04	40.68 0.51 -2.33	43.36 0.70 -3.26	36.13 0.60 -1.74
STEEL___WIND 323596	30.20 0.31 0.00	27.16 0.60 0.00	27.40 0.25 0.00	27.18 0.25 0.00	34.82 0.42 0.00	26.92 0.44 -0.06	33.41 -0.69 -1.17	35.76 -0.87 -1.60	26.34 -0.77 -0.30	21.94 -0.40 0.00	24.23 -0.14 -0.01	25.03 -0.24 -0.79	25.85 -0.02 -0.13	29.53 0.07 -0.78	37.05 0.52 -1.61	30.28 0.57 -1.15	33.41 0.56 -1.37	46.73 0.74 -3.11	64.82 1.53 -9.24	51.40 0.57 -9.24	48.44 0.00 -5.31	40.49 0.19 -2.45	43.58 0.75 -3.43	36.45 0.82 -1.84
STEPHTWN_115KV_BK_2 55603	30.02 0.29 0.17	11.82 0.31 15.05	27.50 0.35 0.00	27.29 0.37 0.00	33.98 0.47 0.89	26.68 0.46 0.20	33.46 0.66 0.13	33.79 0.67 1.91	27.40 0.59 0.00	22.87 0.52 0.00	24.91 0.55 0.00	25.06 0.57 0.00	26.22 0.48 0.00	29.06 0.38 0.00	35.29 0.37 0.00	28.78 0.22 0.00	31.76 0.28 0.00	43.27 0.39 0.00	54.72 0.67 0.00	42.10 0.51 0.00	43.55 0.42 0.00	38.29 0.45 0.00	39.98 0.58 0.00	34.17 0.37 0.00
STEUBEN_REC_LFGE 323667	30.51 0.61 0.00	27.18 0.62 0.00	27.38 0.23 0.00	27.34 0.42 0.00	35.11 0.71 0.00	27.21 0.71 -0.08	34.82 0.34 -1.56	37.50 0.33 -2.13	27.30 0.09 -0.39	22.35 0.00 0.00	24.36 -0.02 -0.01	25.40 -0.14 -1.05	25.88 -0.04 -0.18	29.77 0.06 -1.04	37.49 0.42 -2.16	30.65 0.55 -1.54	33.99 0.69 -1.82	48.07 1.05 -4.14	68.78 2.44 -12.29	55.56 1.68 -12.29	51.40 1.20 -7.06	42.21 1.10 -3.26	45.36 1.39 -4.57	37.37 1.14 -2.44
STILLWATER___SOLAR 323814	30.89 1.23 0.23	6.75 1.02 20.83	28.17 1.02 0.00	27.95 1.02 0.00	34.54 1.36 1.24	27.23 1.10 0.28	34.32 1.57 0.18	33.98 1.60 2.66	27.94 1.13 0.00	23.20 0.85 0.00	25.20 0.83 0.00	25.36 0.88 0.00	26.59 0.85 0.00	29.59 0.91 0.00	35.96 1.04 0.00	29.30 0.74 0.00	32.41 0.93 0.00	44.32 1.45 0.00	56.06 2.01 0.00	43.28 1.68 0.00	44.94 1.81 0.00	39.36 1.52 0.00	40.91 1.51 0.00	35.13 1.34 0.00
STONY___BROOK 24151	31.11 0.99 -0.22	47.21 0.67 -19.98	27.85 0.70 0.00	27.55 0.62 0.00	36.32 0.73 -1.18	27.40 0.72 -0.27	33.90 0.80 -0.17	39.15 1.56 -2.55	27.86 1.05 0.00	23.52 1.17 0.00	25.92 1.55 0.00	26.19 1.70 0.00	27.43 1.69 0.00	30.44 1.76 0.00	36.59 1.67 0.00	25.47 0.73 3.82	28.73 0.74 3.49	43.84 0.96 0.00	55.19 1.14 0.00	42.69 1.10 0.00	43.88 0.75 0.00	38.72 0.87 0.00	40.99 1.59 0.00	35.30 1.51 0.00
STURGEON_POOL_HYD 23609	31.06 1.06 -0.11	39.36 0.78 -12.03	27.88 0.73 0.00	27.60 0.67 0.00	36.06 0.94 -0.71	27.37 0.79 -0.16	34.13 1.09 -0.10	37.87 1.30 -1.53	27.99 1.18 0.00	23.44 1.09 0.00	25.56 1.19 0.00	25.64 1.15 0.00	26.90 1.17 0.00	29.98 1.30 0.00	36.43 1.51 0.00	29.77 1.21 0.00	32.76 1.28 0.00	44.48 1.61 0.00	55.97 1.92 0.00	43.18 1.58 0.00	44.56 1.42 0.00	39.14 1.29 0.00	40.71 1.31 0.00	34.92 1.13 0.00

ST_LAW_115_BK7_LBMP 345037	14.81 -0.14 14.95	-58.63 -0.01 85.17	-2.49 -0.08 29.56	26.25 -0.05 0.62	34.33 -0.08 0.00	26.34 -0.08 0.00	32.87 -0.06 0.00	34.98 -0.06 0.00	26.70 -0.10 0.00	22.23 -0.11 0.00	24.30 -0.06 0.00	24.44 -0.05 0.00	25.71 -0.03 0.00	28.64 -0.04 0.00	34.81 -0.11 0.00	28.46 -0.10 0.00	31.44 -0.04 0.00	42.88 0.00 0.00	53.77 -0.29 0.00	38.69 -0.23 2.68	43.06 0.03 0.10	37.78 -0.06 0.00	39.38 -0.03 0.00	33.74 -0.05 0.00
ST_LAW_115_BK8_LBMP 345038	14.81 -0.14 14.95	-58.63 -0.01 85.17	-2.49 -0.08 29.56	26.25 -0.05 0.62	34.33 -0.08 0.00	26.34 -0.08 0.00	32.87 -0.06 0.00	34.98 -0.06 0.00	26.70 -0.10 0.00	22.23 -0.11 0.00	24.30 -0.06 0.00	24.44 -0.05 0.00	25.71 -0.03 0.00	28.64 -0.04 0.00	34.81 -0.11 0.00	28.46 -0.10 0.00	31.44 -0.04 0.00	42.88 0.00 0.00	53.77 -0.29 0.00	38.69 -0.23 2.68	43.06 0.03 0.10	37.78 -0.06 0.00	39.38 -0.03 0.00	33.74 -0.05 0.00
ST_LAW_230_BK5_LBMP 345035	21.00 -0.13 8.76	-23.40 -0.01 49.95	9.75 -0.07 17.33	26.51 -0.04 0.37	34.35 -0.06 0.00	26.35 -0.07 0.00	32.88 -0.05 0.00	34.99 -0.05 0.00	26.72 -0.09 0.00	22.25 -0.09 0.00	24.32 -0.04 0.00	24.45 -0.04 0.00	25.73 0.00 0.00	28.66 -0.02 0.00	34.83 -0.09 0.00	28.48 -0.08 0.00	31.45 -0.03 0.00	42.88 0.01 0.00	53.80 -0.25 0.00	39.80 -0.23 1.57	43.10 0.02 0.06	37.80 -0.05 0.00	39.39 -0.01 0.00	33.76 -0.03 0.00
ST_LAW_230_BK6_LBMP 345036	21.00 -0.13 8.76	-23.40 -0.01 49.95	9.75 -0.07 17.33	26.51 -0.04 0.37	34.35 -0.06 0.00	26.35 -0.07 0.00	32.88 -0.05 0.00	34.99 -0.05 0.00	26.72 -0.09 0.00	22.25 -0.09 0.00	24.32 -0.04 0.00	24.45 -0.04 0.00	25.73 0.00 0.00	28.66 -0.02 0.00	34.83 -0.09 0.00	28.48 -0.08 0.00	31.45 -0.03 0.00	42.88 0.01 0.00	53.80 -0.25 0.00	39.80 -0.23 1.57	43.10 0.02 0.06	37.80 -0.05 0.00	39.39 -0.01 0.00	33.76 -0.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.85 0.77 -0.18	44.04 0.55 -16.93	27.70 0.55 0.00	27.43 0.50 0.00	36.12 0.71 -1.00	27.31 0.66 -0.23	34.06 0.99 -0.14	38.34 1.14 -2.16	27.81 1.00 0.00	23.26 0.91 0.00	25.35 0.99 0.00	25.50 1.01 0.00	26.78 1.04 0.00	29.84 1.17 0.00	36.32 1.39 0.00	29.67 1.12 0.00	32.61 1.13 0.00	44.28 1.41 0.00	55.68 1.63 0.00	42.94 1.34 0.00	44.31 1.17 0.00	38.92 1.07 0.00	40.50 1.10 0.00	34.77 0.98 0.00
SWANROAD_115KV_TB1 355699	29.61 -0.29 0.00	26.76 0.20 0.00	27.03 -0.12 0.00	26.80 -0.13 0.00	34.35 -0.05 0.00	26.50 0.02 -0.06	32.49 -1.58 -1.14	34.66 -1.94 -1.56	25.61 -1.48 -0.29	21.33 -1.02 0.00	23.55 -0.82 -0.01	24.29 -0.96 -0.77	25.11 -0.75 -0.13	28.67 -0.76 -0.76	35.92 -0.58 -1.58	29.43 -0.26 -1.13	32.41 -0.40 -1.33	45.28 -0.64 -3.04	62.89 -0.17 -9.00	49.77 -0.83 -9.00	46.88 -1.44 -5.18	39.25 -0.99 -2.39	42.39 -0.37 -3.35	35.88 0.30 -1.79
SYNERGY___BIOGAS 323694	30.89 1.00 0.00	27.71 1.15 0.00	28.03 0.88 0.00	27.78 0.86 0.00	35.62 1.21 0.00	27.51 1.03 -0.06	34.32 0.26 -1.13	36.80 0.21 -1.55	27.20 0.11 -0.29	22.38 0.04 0.00	24.55 0.18 -0.01	25.35 0.10 -0.76	26.22 0.35 -0.13	30.02 0.59 -0.75	37.54 1.05 -1.57	30.72 1.04 -1.12	33.91 1.11 -1.32	47.50 1.61 -3.01	65.94 2.95 -8.94	52.38 1.85 -8.94	49.62 1.35 -5.14	41.46 1.24 -2.37	44.36 1.64 -3.32	37.15 1.58 -1.78
SYRACUSE___ENERGY_ST1 323597	32.40 0.11 -2.39	40.27 0.08 -13.63	31.91 0.03 -4.73	27.06 0.03 -0.10	34.46 0.05 0.00	26.63 0.06 -0.15	35.72 -0.02 -2.81	39.17 0.05 -4.07	27.51 -0.05 -0.75	22.28 -0.07 0.00	24.32 -0.07 -0.02	26.38 -0.11 -2.01	25.99 -0.08 -0.34	30.64 -0.02 -1.98	39.15 0.11 -4.12	31.63 0.12 -2.95	34.90 0.14 -3.28	50.55 0.24 -7.43	76.65 0.56 -22.03	64.44 0.38 -22.46	56.04 0.21 -12.69	43.85 0.15 -5.85	47.76 0.16 -8.19	38.25 0.08 -4.38
SYRACUSE___ENERGY_ST2 323598	32.40 0.11 -2.39	40.27 0.08 -13.63	31.91 0.03 -4.73	27.06 0.03 -0.10	34.46 0.05 0.00	26.63 0.06 -0.15	35.72 -0.02 -2.81	39.17 0.05 -4.07	27.51 -0.05 -0.75	22.28 -0.07 0.00	24.32 -0.07 -0.02	26.38 -0.11 -2.01	25.99 -0.08 -0.34	30.64 -0.02 -1.98	39.15 0.11 -4.12	31.63 0.12 -2.95	34.90 0.14 -3.28	50.55 0.24 -7.43	76.65 0.56 -22.03	64.44 0.38 -22.46	56.04 0.21 -12.69	43.85 0.15 -5.85	47.76 0.16 -8.19	38.25 0.08 -4.38
SYRACUSE___POWER 24017	32.60 0.10 -2.60	41.45 0.08 -14.81	32.32 0.03 -5.14	27.05 0.02 -0.11	34.45 0.05 0.00	26.59 0.05 -0.12	35.15 -0.02 -2.24	38.11 -0.02 -3.09	27.29 -0.08 -0.57	22.26 -0.09 0.00	24.27 -0.11 -0.02	25.86 -0.15 -1.52	25.88 -0.11 -0.26	30.14 -0.05 -1.50	38.12 0.08 -3.13	30.90 0.11 -2.24	34.25 0.15 -2.62	49.11 0.27 -5.96	72.30 0.57 -17.68	60.14 0.40 -18.14	53.54 0.23 -10.18	42.71 0.17 -4.70	46.12 0.15 -6.57	37.37 0.07 -3.51
TALLMAN_138KV_BK151 55660	30.98 0.89 -0.20	45.10 0.63 -17.92	27.76 0.62 0.00	27.48 0.56 0.00	36.29 0.82 -1.06	27.43 0.77 -0.24	34.25 1.16 -0.15	38.67 1.34 -2.28	27.97 1.17 0.00	23.42 1.07 0.00	25.54 1.18 0.00	25.69 1.20 0.00	26.98 1.25 0.00	30.08 1.40 0.00	36.61 1.69 0.00	29.88 1.32 0.00	32.81 1.33 0.00	44.55 1.68 0.00	55.98 1.93 0.00	43.17 1.58 0.00	44.52 1.38 0.00	39.10 1.26 0.00	40.71 1.30 0.00	34.98 1.19 0.00
TEALLAVE_115KV_TB7 355573	32.85 -0.01 -2.97	43.43 -0.03 -16.90	32.94 -0.07 -5.86	26.97 -0.07 -0.12	34.32 -0.08 0.00	26.47 -0.05 -0.11	34.74 -0.19 -2.00	37.52 -0.19 -2.67	27.09 -0.21 -0.49	22.16 -0.18 0.00	24.19 -0.19 -0.02	25.59 -0.22 -1.32	25.77 -0.19 -0.22	29.85 -0.13 -1.30	37.59 -0.04 -2.70	30.50 0.01 -1.93	33.85 0.03 -2.34	48.31 0.10 -5.34	70.20 0.32 -15.82	58.13 0.18 -16.35	52.26 0.01 -9.12	42.03 -0.02 -4.21	45.24 -0.05 -5.89	36.85 -0.08 -3.15
TELGRAPH_34_KV_EAST 80808	30.32 0.43 0.00	27.25 0.69 0.00	27.55 0.40 0.00	27.30 0.38 0.00	35.02 0.61 0.00	27.02 0.54 -0.06	33.51 -0.55 -1.14	35.90 -0.70 -1.55	26.51 -0.58 -0.29	21.96 -0.39 0.00	24.18 -0.19 -0.01	24.91 -0.34 -0.76	25.76 -0.11 -0.13	29.47 0.04 -0.76	36.90 0.41 -1.57	30.21 0.53 -1.12	33.30 0.49 -1.33	46.63 0.74 -3.02	64.65 1.64 -8.96	51.24 0.68 -8.96	48.45 0.16 -5.15	40.53 0.30 -2.38	43.51 0.77 -3.33	36.54 0.97 -1.78
TEMPLE___115KV_TB 2 55572	32.77 -0.01 -2.89	43.00 -0.02 -16.46	32.79 -0.07 -5.71	26.97 -0.07 -0.12	34.32 -0.08 0.00	26.48 -0.05 -0.11	34.75 -0.18 -2.00	37.53 -0.19 -2.68	27.10 -0.20 -0.50	22.17 -0.18 0.00	24.20 -0.18 -0.02	25.60 -0.21 -1.32	25.79 -0.18 -0.22	29.87 -0.11 -1.30	37.62 -0.01 -2.71	30.51 0.02 -1.94	33.87 0.05 -2.34	48.33 0.11 -5.35	70.23 0.33 -15.85	58.16 0.19 -16.37	52.28 0.01 -9.13	42.04 -0.02 -4.21	45.26 -0.04 -5.90	36.86 -0.08 -3.15
TIANA___69_KV_BK 1 55817	30.88 0.76 -0.22	47.03 0.49 -19.98	27.70 0.55 0.00	27.44 0.51 0.00	36.18 0.58 -1.18	27.30 0.61 -0.27	33.62 0.52 -0.17	39.16 1.58 -2.55	27.65 0.84 0.00	23.35 1.01 0.00	25.83 1.46 0.00	26.15 1.66 0.00	27.32 1.59 0.00	30.25 1.57 0.00	36.27 1.35 0.00	25.21 0.48 3.84	28.51 0.54 3.50	43.50 0.62 0.00	54.76 0.70 0.00	42.37 0.78 0.00	43.59 0.46 0.00	38.54 0.69 0.00	40.88 1.47 0.00	35.24 1.45 0.00

TILDEN___115KV_TB1 80814	32.60 0.10 -2.60	41.45 0.08 -14.81	32.32 0.03 -5.14	27.05 0.02 -0.11	34.45 0.05 0.00	26.59 0.05 -0.12	35.15 -0.02 -2.24	38.11 -0.02 -3.09	27.29 -0.08 -0.57	22.26 -0.09 0.00	24.27 -0.11 -0.02	25.86 -0.15 -1.52	25.88 -0.11 -0.26	30.14 -0.05 -1.50	38.12 0.08 -3.13	30.90 0.11 -2.24	34.25 0.15 -2.62	49.11 0.27 -5.96	72.30 0.57 -17.68	60.14 0.40 -18.14	53.54 0.23 -10.18	42.71 0.17 -4.70	46.12 0.15 -6.57	37.37 0.07 -3.51
TRIGEN___CC 323695	31.16 1.04 -0.22	47.32 0.78 -19.98	27.93 0.79 0.00	27.64 0.72 0.00	36.54 0.95 -1.18	27.57 0.88 -0.27	34.23 1.12 -0.17	39.08 1.49 -2.55	28.06 1.25 0.00	23.60 1.26 0.00	25.90 1.54 0.00	26.08 1.60 0.00	27.35 1.61 0.00	30.40 1.72 0.00	36.70 1.78 0.00	28.83 1.08 0.81	31.73 1.09 0.83	44.25 1.38 0.00	55.61 1.55 0.00	42.93 1.34 0.00	44.18 1.05 0.00	38.93 1.08 0.00	40.90 1.50 0.00	35.19 1.40 0.00
TRINITY__115KV__4 BK 55933	29.85 0.12 0.17	11.56 0.09 15.08	27.35 0.20 0.00	27.10 0.18 0.00	33.70 0.19 0.89	26.43 0.21 0.20	33.15 0.35 0.13	33.48 0.36 1.92	27.17 0.36 0.00	22.65 0.30 0.00	24.62 0.25 0.00	24.79 0.30 0.00	25.93 0.19 0.00	28.82 0.14 0.00	35.01 0.09 0.00	28.62 0.06 0.00	31.51 0.03 0.00	42.83 -0.05 0.00	53.99 -0.06 0.00	41.59 0.00 0.00	43.18 0.05 0.00	37.93 0.08 0.00	39.43 0.03 0.00	33.86 0.07 0.00
UNION___PROCESSING_DRP 323587	30.24 0.34 0.00	26.98 0.43 0.00	27.40 0.25 0.00	27.16 0.24 0.00	34.79 0.38 0.00	26.84 0.36 -0.06	33.94 -0.11 -1.12	36.42 -0.15 -1.53	26.92 -0.16 -0.28	22.26 -0.09 0.00	24.42 0.04 -0.01	25.24 0.00 -0.75	26.03 0.17 -0.13	29.70 0.27 -0.74	37.13 0.66 -1.55	30.29 0.62 -1.11	33.46 0.68 -1.31	46.90 1.05 -2.98	64.64 1.75 -8.83	51.39 0.97 -8.83	48.80 0.59 -5.08	40.71 0.52 -2.35	43.40 0.72 -3.28	36.16 0.61 -1.75
UPPER HUDSON___HYD 24058	30.99 1.31 0.22	7.56 1.07 20.07	28.18 1.03 0.00	27.96 1.03 0.00	34.62 1.40 1.19	27.30 1.15 0.27	34.44 1.68 0.17	34.26 1.78 2.57	27.99 1.18 0.00	23.25 0.90 0.00	25.24 0.87 0.00	25.34 0.85 0.00	26.49 0.75 0.00	29.52 0.84 0.00	35.86 0.94 0.00	29.26 0.70 0.00	32.42 0.95 0.00	44.41 1.53 0.00	56.29 2.23 0.00	43.54 1.95 0.00	45.25 2.12 0.00	39.54 1.70 0.00	41.04 1.64 0.00	35.33 1.54 0.00
UPPER RAQUET___HYD 24056	128.43 0.51 -98.03	585.71 0.60 -558.55	221.50 0.52 -193.83	31.53 0.51 -4.09	35.04 0.63 0.00	26.94 0.50 -0.02	34.20 0.83 -0.45	36.41 0.78 -0.59	27.33 0.41 -0.11	22.50 0.16 0.00	24.59 0.22 0.00	24.99 0.22 -0.29	26.04 0.25 -0.05	29.32 0.35 -0.29	35.91 0.39 -0.60	29.25 0.27 -0.43	32.54 0.54 -0.52	44.99 0.92 -1.19	58.39 0.81 -3.53	63.62 0.96 -21.06	47.07 1.25 -2.69	39.60 0.82 -0.94	41.65 0.94 -1.31	35.22 0.73 -0.70
VALLEY44_115KV_TB2 355964	30.21 0.31 0.00	27.02 0.46 0.00	27.26 0.11 0.00	27.08 0.15 0.00	34.76 0.35 0.00	26.89 0.41 -0.06	33.79 -0.34 -1.20	36.47 -0.21 -1.63	26.80 -0.31 -0.30	22.29 -0.05 0.00	24.53 0.16 -0.01	25.35 0.06 -0.80	26.12 0.24 -0.14	29.73 0.26 -0.80	37.41 0.84 -1.65	30.27 0.53 -1.18	33.29 0.41 -1.40	46.49 0.43 -3.19	64.64 1.13 -9.46	51.54 0.49 -9.46	48.37 -0.20 -5.44	40.59 0.23 -2.51	43.72 0.81 -3.52	36.37 0.71 -1.88
VALLEY___115KV_TB 1-4 80826	32.69 0.44 -2.35	40.27 0.32 -13.40	32.20 0.41 -4.65	27.45 0.43 -0.10	34.90 0.50 0.00	26.82 0.40 0.00	33.59 0.66 0.00	35.73 0.69 0.00	27.21 0.40 0.00	22.48 0.14 0.00	24.35 -0.01 0.00	24.50 0.01 0.00	25.63 -0.11 0.00	28.61 -0.07 0.00	34.89 -0.04 0.00	28.53 -0.03 0.00	31.55 0.08 0.00	43.24 0.37 0.00	54.86 0.81 0.00	42.85 0.83 -0.42	43.91 0.76 -0.02	38.50 0.66 0.00	39.98 0.58 0.00	34.21 0.42 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.78 0.88 0.00	27.30 0.74 0.00	27.99 0.84 0.00	27.78 0.85 0.00	35.49 1.08 0.00	27.26 0.80 -0.04	34.69 1.02 -0.73	37.18 1.14 -0.99	27.83 0.83 -0.18	23.06 0.72 0.00	25.16 0.79 -0.01	25.75 0.77 -0.49	26.62 0.80 -0.08	30.08 0.91 -0.48	37.12 1.19 -1.01	30.28 1.00 -0.72	33.42 1.09 -0.86	46.30 1.47 -1.95	61.81 1.96 -5.79	48.90 1.52 -5.79	47.91 1.45 -3.33	40.70 1.32 -1.54	42.87 1.31 -2.16	36.02 1.08 -1.15
VISCHER___FERRY HYD 24020	30.38 0.76 0.27	2.35 0.61 24.82	27.80 0.65 0.00	27.58 0.66 0.00	33.80 0.86 1.47	26.79 0.70 0.33	33.78 1.06 0.21	32.92 1.04 3.16	27.64 0.83 0.00	23.01 0.66 0.00	24.97 0.61 0.00	25.14 0.65 0.00	26.35 0.62 0.00	29.30 0.62 0.00	35.57 0.65 0.00	29.04 0.49 0.00	32.02 0.54 0.00	43.58 0.71 0.00	54.98 0.93 0.00	42.38 0.79 0.00	44.07 0.94 0.00	38.67 0.83 0.00	40.21 0.81 0.00	34.53 0.74 0.00
V_A_10_SYNC_DSASP 323832	29.92 0.03 0.00	26.88 0.33 0.00	27.19 0.04 0.00	26.96 0.04 0.00	34.58 0.17 0.00	26.67 0.19 -0.06	33.08 -0.93 -1.08	35.39 -1.13 -1.48	26.14 -0.94 -0.27	21.76 -0.59 0.00	24.00 -0.37 -0.01	24.74 -0.47 -0.73	25.59 -0.26 -0.12	29.15 -0.24 -0.72	36.53 0.12 -1.49	29.80 0.17 -1.07	32.85 0.11 -1.27	45.89 0.13 -2.88	63.30 0.70 -8.55	50.08 -0.07 -8.55	47.43 -0.63 -4.92	39.79 -0.33 -2.27	42.81 0.23 -3.18	35.87 0.38 -1.70
V_CMM_10_SYNC_DSASP 323787	14.95 0.01 14.95	-58.57 0.05 85.17	-2.47 -0.06 29.56	26.38 0.08 0.62	34.51 0.11 0.00	26.48 0.06 0.00	33.04 0.11 0.00	35.17 0.13 0.00	26.83 0.03 0.00	22.34 -0.01 0.00	24.43 0.06 0.00	24.56 0.07 0.00	25.84 0.10 0.00	28.78 0.10 0.00	34.99 0.07 0.00	28.62 0.06 0.00	31.61 0.13 0.00	43.13 0.25 0.00	54.07 0.01 0.00	38.92 0.00 2.68	43.30 0.27 0.10	38.00 0.15 0.00	39.60 0.19 0.00	33.93 0.14 0.00
V_CMP_10_SYNC_DSASP 323788	38.51 1.15 -7.46	70.33 1.27 -42.50	43.14 1.24 -14.75	28.42 1.19 -0.31	35.82 1.41 0.00	27.63 1.22 0.00	34.49 1.56 0.00	36.61 1.57 0.00	27.99 1.18 0.00	23.35 1.01 0.00	25.51 1.14 0.00	25.54 1.05 0.00	26.84 1.11 0.00	29.76 1.08 0.00	36.19 1.28 0.00	29.38 0.83 0.00	32.47 1.00 0.00	43.76 0.88 0.00	54.98 0.92 0.00	43.80 0.87 -1.34	44.38 1.19 -0.05	39.13 1.28 0.00	41.27 1.88 0.00	35.71 1.92 0.00
V_D_10_SYNC_DSASP 323841	172.90 0.20 -142.81	840.61 0.35 -813.71	309.80 0.27 -282.37	33.18 0.29 -5.96	34.76 0.36 0.00	26.68 0.26 0.00	33.33 0.39 0.00	35.44 0.40 0.00	27.00 0.19 0.00	22.44 0.10 0.00	24.53 0.17 0.00	24.66 0.17 0.00	25.95 0.21 0.00	28.90 0.22 0.00	35.17 0.25 0.00	28.76 0.20 0.00	31.81 0.33 0.00	43.44 0.57 0.00	54.45 0.40 0.00	67.52 0.37 -25.55	44.76 0.66 -0.96	38.29 0.44 0.00	39.91 0.51 0.00	34.19 0.40 0.00
V_E_10_SYNC_DSASP 323830	31.67 1.77 0.00	28.02 1.47 0.00	28.63 1.48 0.00	28.51 1.59 0.00	36.57 2.16 0.00	28.25 1.75 -0.08	36.58 2.21 -1.43	39.38 2.38 -1.95	28.60 1.43 -0.36	23.45 1.10 0.00	25.55 1.18 -0.01	26.47 1.02 -0.96	27.07 1.17 -0.16	31.14 1.51 -0.95	38.95 2.05 -1.98	31.78 1.81 -1.41	35.28 2.13 -1.68	50.13 3.44 -3.82	70.29 4.92 -11.31	56.66 3.75 -11.31	53.20 3.56 -6.51	43.85 3.00 -3.01	46.52 2.91 -4.21	38.20 2.16 -2.25

V_F_30_NSYNC___DSASP 323816	30.94 1.26 0.22	7.69 1.06 19.93	28.21 1.07 0.00	27.99 1.06 0.00	34.63 1.41 1.18	27.28 1.12 0.27	34.37 1.61 0.17	34.13 1.64 2.55	27.98 1.17 0.00	23.24 0.90 0.00	25.25 0.89 0.00	25.41 0.92 0.00	26.64 0.90 0.00	29.64 0.96 0.00	36.03 1.11 0.00	29.37 0.82 0.00	32.50 1.02 0.00	44.44 1.56 0.00	56.18 2.13 0.00	43.36 1.76 0.00	45.02 1.89 0.00	39.43 1.58 0.00	40.96 1.56 0.00	35.18 1.39 0.00
V_F_30_SYNC_DSASP 323786	29.98 0.25 0.17	11.29 0.20 15.46	27.46 0.31 0.00	27.21 0.28 0.00	33.82 0.33 0.92	26.53 0.32 0.21	33.29 0.49 0.13	33.58 0.51 1.97	27.28 0.47 0.00	22.74 0.39 0.00	24.73 0.37 0.00	24.90 0.42 0.00	26.05 0.31 0.00	28.95 0.27 0.00	35.18 0.26 0.00	28.77 0.21 0.00	31.70 0.22 0.00	43.10 0.23 0.00	54.33 0.28 0.00	41.87 0.27 0.00	43.42 0.29 0.00	38.13 0.28 0.00	39.62 0.21 0.00	34.01 0.22 0.00
V_XM_10_SYNC_DSASP 323789	38.51 1.15 -7.46	70.33 1.27 -42.50	43.14 1.24 -14.75	28.42 1.19 -0.31	35.82 1.41 0.00	27.63 1.22 0.00	34.49 1.56 0.00	36.61 1.57 0.00	27.99 1.18 0.00	23.35 1.01 0.00	25.51 1.14 0.00	25.54 1.05 0.00	26.84 1.11 0.00	29.76 1.08 0.00	36.19 1.28 0.00	29.38 0.83 0.00	32.47 1.00 0.00	43.76 0.88 0.00	54.98 0.92 0.00	43.80 0.87 -1.34	44.38 1.19 -0.05	39.13 1.28 0.00	41.27 1.88 0.00	35.71 1.92 0.00
W.BABYLN_69_KV_BK1 56697	31.44 1.32 -0.22	47.52 0.99 -19.98	28.15 1.00 0.00	27.84 0.92 0.00	36.76 1.16 -1.18	27.74 1.05 -0.27	34.35 1.24 -0.17	39.44 1.85 -2.55	28.20 1.39 0.00	23.78 1.44 0.00	26.19 1.83 0.00	26.44 1.95 0.00	27.69 1.96 0.00	30.75 2.07 0.00	36.99 2.07 0.00	26.27 1.09 3.38	29.52 1.14 3.09	44.39 1.51 0.00	55.79 1.73 0.00	43.13 1.54 0.00	44.37 1.24 0.00	39.17 1.32 0.00	41.43 2.03 0.00	35.65 1.87 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.15 1.05 -0.20	45.64 0.78 -18.31	27.92 0.77 0.00	27.64 0.71 0.00	36.49 0.99 -1.09	27.57 0.91 -0.24	34.43 1.34 -0.16	38.93 1.55 -2.33	28.14 1.33 0.00	23.56 1.21 0.00	25.70 1.33 0.00	25.85 1.37 0.00	27.16 1.42 0.00	30.27 1.59 0.00	36.83 1.91 0.00	30.07 1.51 0.00	33.02 1.54 0.00	44.83 1.96 0.00	56.34 2.28 0.00	43.45 1.85 0.00	44.79 1.65 0.00	39.33 1.48 0.00	40.94 1.54 0.00	35.18 1.39 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.24 1.12 -0.22	47.37 0.84 -19.97	27.99 0.84 0.00	27.69 0.77 0.00	36.67 1.08 -1.18	27.71 1.02 -0.27	34.59 1.49 -0.17	39.34 1.74 -2.55	28.39 1.58 0.00	23.77 1.43 0.00	25.93 1.56 0.00	26.06 1.57 0.00	27.35 1.61 0.00	30.44 1.76 0.00	36.95 2.03 0.00	30.17 1.61 0.00	33.12 1.65 0.00	44.91 2.04 0.00	56.38 2.32 0.00	43.44 1.85 0.00	44.82 1.68 0.00	39.40 1.55 0.00	41.00 1.60 0.00	35.27 1.48 0.00
W50THST__13_KV_LOAD 356117	31.34 1.22 -0.22	47.47 0.94 -19.97	28.08 0.93 0.00	27.79 0.86 0.00	36.79 1.20 -1.18	27.82 1.13 -0.27	34.76 1.65 -0.17	39.53 1.94 -2.55	28.56 1.75 0.00	23.93 1.59 0.00	26.10 1.74 0.00	26.24 1.75 0.00	27.54 1.80 0.00	30.65 1.97 0.00	37.21 2.29 0.00	30.38 1.83 0.00	33.35 1.87 0.00	45.21 2.34 0.00	56.71 2.66 0.00	43.67 2.08 0.00	45.05 1.92 0.00	39.59 1.75 0.00	41.20 1.79 0.00	35.41 1.62 0.00
WADING RIVER_IC_1 23522	30.69 0.57 -0.22	46.85 0.31 -19.98	27.50 0.35 0.00	27.23 0.30 0.00	35.89 0.29 -1.18	27.08 0.40 -0.27	33.45 0.35 -0.17	39.07 1.48 -2.55	27.47 0.66 0.00	23.19 0.84 0.00	25.60 1.24 0.00	25.88 1.39 0.00	27.07 1.34 0.00	30.00 1.32 0.00	36.03 1.11 0.00	25.02 0.30 3.84	28.25 0.28 3.50	43.17 0.30 0.00	54.33 0.28 0.00	42.05 0.45 0.00	43.25 0.11 0.00	38.20 0.36 0.00	40.48 1.08 0.00	34.88 1.09 0.00
WADING RIVER_IC_2 23547	30.69 0.57 -0.22	46.85 0.31 -19.98	27.50 0.35 0.00	27.23 0.30 0.00	35.89 0.29 -1.18	27.08 0.40 -0.27	33.45 0.35 -0.17	39.07 1.48 -2.55	27.47 0.66 0.00	23.19 0.84 0.00	25.60 1.24 0.00	25.88 1.39 0.00	27.07 1.34 0.00	30.00 1.32 0.00	36.03 1.11 0.00	25.02 0.30 3.84	28.25 0.28 3.50	43.17 0.30 0.00	54.33 0.28 0.00	42.05 0.45 0.00	43.25 0.11 0.00	38.20 0.36 0.00	40.48 1.08 0.00	34.88 1.09 0.00
WADING RIVER_IC_3 23601	30.69 0.57 -0.22	46.85 0.31 -19.98	27.50 0.35 0.00	27.23 0.30 0.00	35.89 0.29 -1.18	27.08 0.40 -0.27	33.45 0.35 -0.17	39.07 1.48 -2.55	27.47 0.66 0.00	23.19 0.84 0.00	25.60 1.24 0.00	25.88 1.39 0.00	27.07 1.34 0.00	30.00 1.32 0.00	36.03 1.11 0.00	25.02 0.30 3.84	28.25 0.28 3.50	43.17 0.30 0.00	54.33 0.28 0.00	42.05 0.45 0.00	43.25 0.11 0.00	38.20 0.36 0.00	40.48 1.08 0.00	34.88 1.09 0.00
WALDENNY_12_KV_BK2 80841	30.24 0.34 0.00	27.19 0.64 0.00	27.44 0.29 0.00	27.21 0.28 0.00	34.89 0.48 0.00	26.96 0.48 -0.06	33.43 -0.67 -1.17	35.77 -0.86 -1.59	26.37 -0.73 -0.30	21.96 -0.38 0.00	24.25 -0.12 -0.01	25.04 -0.23 -0.78	25.90 0.03 -0.13	29.59 0.13 -0.78	37.13 0.60 -1.61	30.35 0.64 -1.15	33.48 0.64 -1.36	46.81 0.83 -3.11	64.89 1.63 -9.21	51.41 0.61 -9.21	48.45 0.02 -5.30	40.51 0.21 -2.45	43.59 0.77 -3.42	36.51 0.89 -1.83
WALDEN___HYDRO 24148	30.96 0.89 -0.17	44.66 0.66 -17.44	27.81 0.65 0.00	27.52 0.60 0.00	36.27 0.83 -1.04	27.42 0.76 -0.23	34.18 1.10 -0.15	38.54 1.27 -2.22	27.92 1.11 0.00	23.33 0.99 0.00	25.44 1.07 0.00	25.56 1.07 0.00	26.84 1.10 0.00	29.92 1.24 0.00	36.40 1.47 0.00	29.76 1.20 0.00	32.72 1.24 0.00	44.45 1.57 0.00	55.89 1.84 0.00	43.12 1.52 0.00	44.51 1.38 0.00	39.09 1.24 0.00	40.66 1.26 0.00	34.90 1.11 0.00
WARRENSBURG____ 23737	30.99 1.31 0.22	7.56 1.07 20.07	28.18 1.03 0.00	27.96 1.03 0.00	34.62 1.40 1.19	27.30 1.15 0.27	34.44 1.68 0.17	34.26 1.78 2.57	27.99 1.19 0.00	23.25 0.90 0.00	25.24 0.87 0.00	25.34 0.85 0.00	26.49 0.75 0.00	29.52 0.84 0.00	35.86 0.94 0.00	29.26 0.70 0.00	32.42 0.95 0.00	44.41 1.53 0.00	56.28 2.23 0.00	43.54 1.95 0.00	45.25 2.12 0.00	39.54 1.70 0.00	41.04 1.64 0.00	35.33 1.54 0.00
WATERSIDE___6 8 9 23538	31.25 1.13 -0.22	47.36 0.83 -19.97	28.02 0.87 0.00	27.70 0.78 0.00	36.65 1.05 -1.19	27.71 1.03 -0.27	34.58 1.48 -0.17	39.34 1.75 -2.55	28.42 1.61 0.00	23.80 1.46 0.00	25.93 1.56 0.00	26.08 1.59 0.00	27.36 1.62 0.00	30.46 1.78 0.00	36.98 2.06 0.00	30.20 1.64 0.00	33.15 1.67 0.00	44.90 2.03 0.00	56.36 2.30 0.00	43.44 1.84 0.00	44.84 1.71 0.00	39.42 1.58 0.00	41.03 1.63 0.00	35.29 1.50 0.00
WATKINRD_115KV_LN8_ILLION 55919	32.55 0.30 -2.35	40.16 0.21 -13.40	32.07 0.27 -4.65	27.30 0.28 -0.10	34.73 0.32 0.00	26.69 0.27 0.00	33.39 0.46 0.00	35.51 0.47 0.00	27.09 0.28 0.00	22.44 0.09 0.00	24.34 -0.02 0.00	24.48 -0.01 0.00	25.65 -0.08 0.00	28.60 -0.07 0.00	34.87 -0.05 0.00	28.50 -0.06 0.00	31.49 0.01 0.00	43.07 0.20 0.00	54.56 0.51 0.00	42.57 0.55 -0.42	43.65 0.50 -0.02	38.29 0.44 0.00	39.78 0.38 0.00	34.06 0.27 0.00

WDELAWARE___HYD 323627	30.62 0.60 -0.12	40.26 0.38 -13.33	27.51 0.36 0.00	27.25 0.32 0.00	35.65 0.46 -0.79	27.05 0.45 -0.18	33.77 0.72 -0.11	37.72 0.98 -1.70	28.25 1.44 0.00	23.60 1.26 0.00	25.65 1.28 0.00	25.59 1.11 0.00	26.67 0.94 0.00	29.29 0.62 0.00	35.44 0.53 0.00	29.01 0.46 0.00	32.03 0.55 0.00	43.60 0.73 0.00	55.01 0.96 0.00	42.45 0.86 0.00	43.83 0.70 0.00	38.44 0.60 0.00	39.95 0.55 0.00	34.22 0.43 0.00
WEST BABYLON___IC 23714	31.44 1.32 -0.22	47.52 0.99 -19.98	28.15 1.00 0.00	27.84 0.92 0.00	36.76 1.16 -1.18	27.74 1.05 -0.27	34.35 1.24 -0.17	39.44 1.85 -2.55	28.20 1.39 0.00	23.78 1.44 0.00	26.19 1.83 0.00	26.44 1.95 0.00	27.69 1.96 0.00	30.75 2.07 0.00	36.99 2.07 0.00	26.27 1.09 3.38	29.52 1.14 3.09	44.39 1.51 0.00	55.79 1.73 0.00	43.13 1.54 0.00	44.37 1.24 0.00	39.17 1.32 0.00	41.43 2.03 0.00	35.65 1.87 0.00
WEST CANADA___HYD 24049	32.35 0.10 -2.35	40.02 0.06 -13.40	31.89 0.08 -4.65	27.10 0.08 -0.10	34.51 0.10 0.00	26.49 0.07 0.00	33.05 0.12 0.00	35.17 0.12 0.00	26.91 0.11 0.00	22.42 0.07 0.00	24.43 0.06 0.00	24.56 0.07 0.00	25.79 0.05 0.00	28.74 0.06 0.00	35.00 0.08 0.00	28.63 0.07 0.00	31.54 0.07 0.00	42.97 0.10 0.00	54.22 0.16 0.00	42.17 0.15 -0.42	43.28 0.13 -0.02	37.96 0.12 0.00	39.51 0.11 0.00	33.88 0.09 0.00
WESTERN_NY_WIND 24143	30.87 0.98 0.00	27.70 1.14 0.00	28.01 0.86 0.00	27.77 0.84 0.00	35.61 1.20 0.00	27.50 1.02 -0.06	34.27 0.21 -1.14	36.76 0.17 -1.55	27.17 0.08 -0.29	22.36 0.01 0.00	24.53 0.15 -0.01	25.34 0.09 -0.76	26.19 0.33 -0.13	30.00 0.57 -0.75	37.51 1.02 -1.57	30.70 1.02 -1.12	33.88 1.08 -1.32	47.47 1.58 -3.02	65.91 2.91 -8.95	52.35 1.80 -8.95	49.58 1.30 -5.15	41.43 1.21 -2.38	44.34 1.61 -3.33	37.14 1.57 -1.78
WESTOVER___LESR 323668	30.17 0.28 0.00	26.83 0.28 0.00	27.29 0.14 0.00	27.10 0.17 0.00	34.63 0.22 0.00	26.72 0.31 -0.08	34.47 0.12 -1.43	37.14 0.16 -1.94	27.20 0.03 -0.36	22.45 0.11 0.00	24.50 0.12 -0.01	25.49 0.05 -0.95	25.99 0.09 -0.16	29.79 0.17 -0.94	37.23 0.36 -1.96	30.28 0.32 -1.40	33.49 0.35 -1.67	47.16 0.48 -3.80	66.13 0.81 -11.27	53.43 0.57 -11.27	49.94 0.33 -6.48	41.21 0.37 -2.99	44.04 0.44 -4.19	36.33 0.30 -2.24
WETHRSFD_WT_PWR 323626	30.04 0.14 0.00	26.94 0.38 0.00	27.20 0.05 0.00	27.01 0.08 0.00	34.62 0.22 0.00	26.79 0.31 -0.07	33.65 0.31 -1.27	36.07 -0.56 -1.73	26.48 -0.71 -0.32	21.85 -0.49 0.00	23.96 -0.41 -0.01	24.83 -0.51 -0.85	25.54 -0.34 -0.14	29.22 -0.31 -0.84	36.66 -0.02 -1.75	29.99 0.18 -1.25	33.17 0.21 -1.48	46.53 0.27 -3.38	65.26 1.18 -10.02	52.16 0.54 -10.02	48.88 -0.02 -5.76	40.69 0.17 -2.66	43.72 0.59 -3.73	36.44 0.65 -1.99
WHAVSTOR_138KV_BK127 55557	30.97 0.87 -0.20	45.55 0.63 -18.37	27.76 0.62 0.00	27.48 0.56 0.00	36.30 0.80 -1.09	27.43 0.76 -0.25	34.22 1.13 -0.16	38.70 1.32 -2.34	27.96 1.16 0.00	23.41 1.06 0.00	25.54 1.17 0.00	25.68 1.20 0.00	26.97 1.23 0.00	30.05 1.37 0.00	36.55 1.63 0.00	29.83 1.27 0.00	32.76 1.28 0.00	44.47 1.60 0.00	55.89 1.84 0.00	43.10 1.50 0.00	44.45 1.32 0.00	39.05 1.20 0.00	40.67 1.26 0.00	34.96 1.17 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.97 0.87 -0.20	45.55 0.63 -18.37	27.76 0.62 0.00	27.48 0.56 0.00	36.30 0.80 -1.09	27.43 0.76 -0.25	34.22 1.13 -0.16	38.70 1.32 -2.34	27.96 1.16 0.00	23.41 1.06 0.00	25.54 1.17 0.00	25.68 1.20 0.00	26.97 1.23 0.00	30.05 1.37 0.00	36.55 1.63 0.00	29.83 1.27 0.00	32.76 1.28 0.00	44.47 1.60 0.00	55.89 1.84 0.00	43.10 1.50 0.00	44.45 1.32 0.00	39.05 1.20 0.00	40.67 1.26 0.00	34.96 1.17 0.00
WHITEHAL_115KV_TB1 80871	31.58 1.91 0.22	7.83 1.63 20.36	28.59 1.44 0.00	28.41 1.48 0.00	35.20 2.00 1.21	27.86 1.72 0.27	35.30 2.54 0.17	35.25 2.81 2.60	28.81 2.00 0.00	23.95 1.61 0.00	25.94 1.58 0.00	25.99 1.50 0.00	27.07 1.33 0.00	30.20 1.53 0.00	36.52 1.60 0.00	29.77 1.21 0.00	33.04 1.56 0.00	45.13 2.26 0.00	57.25 3.20 0.00	44.59 2.99 0.00	46.65 3.52 0.00	40.72 2.88 0.00	42.40 3.00 0.00	36.43 2.64 0.00
WHITEPLN_13_KV_LOAD 356215	31.44 1.32 -0.22	47.51 1.02 -19.94	28.17 1.02 0.00	27.86 0.94 0.00	36.82 1.23 -1.18	27.80 1.12 -0.27	34.69 1.58 -0.17	39.43 1.84 -2.54	28.43 1.63 0.00	23.82 1.47 0.00	26.03 1.67 0.00	26.16 1.67 0.00	27.47 1.73 0.00	30.58 1.90 0.00	37.14 2.22 0.00	30.30 1.74 0.00	33.28 1.81 0.00	45.20 2.33 0.00	56.79 2.74 0.00	43.77 2.18 0.00	45.13 1.99 0.00	39.65 1.81 0.00	41.28 1.88 0.00	35.49 1.70 0.00
WM_FLOYD_69_KV_BK2 356380	30.96 0.84 -0.22	47.06 0.53 -19.98	27.73 0.57 0.00	27.44 0.51 0.00	36.16 0.57 -1.18	27.30 0.61 -0.27	33.73 0.62 -0.17	39.18 1.59 -2.55	27.71 0.90 0.00	23.38 1.03 0.00	25.82 1.45 0.00	26.10 1.61 0.00	27.30 1.56 0.00	30.24 1.57 0.00	36.35 1.43 0.00	25.26 0.53 3.83	28.53 0.55 3.50	43.56 0.68 0.00	54.85 0.79 0.00	42.45 0.85 0.00	43.64 0.50 0.00	38.55 0.70 0.00	40.83 1.43 0.00	35.18 1.39 0.00
WOODARD___115KV_TB2 355635	32.58 -0.06 -2.75	42.17 -0.07 -15.68	32.47 -0.12 -5.44	26.91 -0.13 -0.11	34.26 -0.15 0.00	26.45 -0.10 -0.13	35.11 -0.22 -2.40	38.05 -0.25 -3.25	27.17 -0.24 -0.60	22.14 -0.21 0.00	24.16 -0.23 -0.02	25.84 -0.25 -1.60	25.78 -0.23 -0.27	30.08 -0.18 -1.58	38.11 -0.11 -3.29	30.84 -0.07 -2.35	34.25 -0.04 -2.81	49.27 -0.01 -6.41	73.25 0.19 -19.00	61.18 0.09 -19.49	54.01 -0.07 -10.95	42.81 -0.08 -5.05	46.37 -0.10 -7.07	37.43 -0.13 -3.77
WOODMERE_69_KV_BK1 55827	31.65 1.53 -0.22	47.73 1.19 -19.98	28.33 1.18 0.00	28.03 1.10 0.00	37.05 1.46 -1.18	27.97 1.28 -0.27	34.74 1.64 -0.17	39.48 1.89 -2.55	28.19 1.39 0.00	23.79 1.44 0.00	26.13 1.77 0.00	26.32 1.84 0.00	27.59 1.86 0.00	30.68 2.00 0.00	37.04 2.12 0.00	29.55 1.25 0.25	32.38 1.27 0.36	44.77 1.90 0.00	56.30 2.24 0.00	43.47 1.87 0.00	44.72 1.59 0.00	39.40 1.55 0.00	41.40 2.00 0.00	35.61 1.82 0.00
YORK___WARBASSE 23770	31.44 1.32 -0.22	47.54 1.01 -19.97	28.18 1.03 0.00	27.87 0.94 0.00	36.88 1.29 -1.19	27.91 1.22 -0.27	34.82 1.71 -0.18	39.58 1.99 -2.55	28.59 1.78 -0.01	23.91 1.56 0.00	26.03 1.67 0.00	26.22 1.73 0.00	27.52 1.79 0.00	30.65 1.97 0.00	37.23 2.30 -0.01	30.39 1.83 0.00	33.35 1.87 0.00	45.15 2.28 0.00	56.71 2.66 0.00	43.72 2.13 0.00	45.15 2.01 -0.01	39.70 1.85 -0.01	41.31 1.90 0.00	35.53 1.74 0.00