

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

10/25/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.73	18.66	17.78	16.86	19.01	20.50	27.99	24.35	25.46	21.77	27.26	26.75	30.07	29.63	30.74	34.39	33.77	33.73	38.07	30.47	30.74	27.89	21.22	21.01
24138	1.34	0.75	0.02	0.33	-0.16	0.43	2.10	1.90	1.95	1.69	2.34	2.36	2.52	2.46	2.60	2.71	2.70	2.61	3.21	2.35	2.32	2.03	1.49	1.39
	0.00	-7.79	-17.56	-12.27	-21.44	-14.55	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.43	-0.62	-0.60	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.75	18.67	17.78	16.86	19.01	20.51	28.02	24.37	25.47	21.78	27.24	26.73	30.04	29.62	30.73	34.38	33.77	33.73	38.07	30.51	30.79	27.94	21.25	21.03
24260	1.35	0.77	0.02	0.33	-0.17	0.43	2.13	1.92	1.96	1.70	2.32	2.34	2.49	2.45	2.59	2.70	2.71	2.61	3.21	2.39	2.37	2.07	1.52	1.40
	0.00	-7.79	-17.56	-12.27	-21.44	-14.55	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.43	-0.62	-0.60	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	19.75	18.67	17.78	16.86	19.01	20.51	28.02	24.37	25.47	21.78	27.24	26.73	30.04	29.62	30.73	34.38	33.77	33.73	38.07	30.51	30.79	27.94	21.25	21.03
24261	1.35	0.77	0.02	0.33	-0.17	0.43	2.13	1.92	1.96	1.70	2.32	2.34	2.49	2.45	2.59	2.70	2.71	2.61	3.21	2.39	2.37	2.07	1.52	1.40
	0.00	-7.79	-17.56	-12.27	-21.44	-14.55	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.43	-0.62	-0.60	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	19.44	20.35	22.02	19.75	24.19	24.01	27.95	24.26	25.42	21.58	26.85	26.20	28.60	28.25	29.09	32.82	33.26	33.29	37.65	30.06	30.30	27.45	20.77	20.60
24011	1.05	0.57	0.01	0.26	-0.16	0.43	2.06	1.81	1.91	1.50	1.93	1.81	1.98	1.90	2.14	2.31	2.22	2.16	2.78	1.95	1.88	1.58	1.04	0.98
	0.00	-9.66	-21.80	-15.23	-26.61	-18.06	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.40	0.58	0.57	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	19.57	20.42	22.02	19.76	24.19	24.05	28.11	24.40	25.57	21.70	27.01	26.35	28.78	28.45	29.30	33.05	33.51	33.55	38.02	30.31	30.53	27.66	20.90	20.74
23798	1.17	0.63	0.01	0.27	-0.16	0.46	2.21	1.95	2.06	1.62	2.09	1.96	2.16	2.10	2.34	2.53	2.48	2.43	3.15	2.20	2.11	1.79	1.17	1.12
	0.00	-9.67	-21.81	-15.23	-26.62	-18.06	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.40	0.57	0.56	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	19.44	20.35	22.02	19.75	24.19	24.01	27.95	24.26</																

ALBANY___4 23574	18.69 0.29 0.00	19.75 0.19 -9.44	21.49 0.00 -21.28	19.21 0.08 -14.87	23.68 -0.04 -25.98	23.26 0.10 -17.63	26.45 0.55 0.00	22.93 0.48 0.00	24.05 0.54 0.00	20.45 0.37 0.00	25.38 0.46 0.00	24.83 0.44 0.00	27.03 0.42 0.46	26.70 0.37 0.42	27.40 0.47 0.60	30.92 0.43 0.59	31.56 0.53 0.02	31.60 0.49 0.00	35.74 0.88 0.00	28.62 0.50 0.00	28.89 0.47 0.00	26.20 0.34 0.00	19.93 0.20 0.00	19.77 0.15 0.00
ALBANY___LFGE 323615	18.89 0.50 0.00	19.92 0.30 -9.49	21.62 0.01 -21.41	19.35 0.13 -14.96	23.81 -0.07 -26.14	23.43 0.17 -17.73	26.78 0.89 0.00	23.23 0.78 0.00	24.35 0.84 0.00	20.71 0.62 0.00	25.70 0.78 0.00	25.15 0.76 0.00	27.37 0.78 0.48	27.03 0.71 0.43	27.74 0.83 0.62	31.31 0.85 0.61	31.95 0.93 0.02	32.01 0.89 0.00	36.19 1.33 0.00	28.96 0.84 0.00	29.23 0.81 0.00	26.51 0.65 0.00	20.17 0.43 0.00	20.00 0.38 0.00
ALCOA_PA_115KV_PL-6C 55860	18.27 -0.13 0.00	10.02 -0.10 0.00	0.37 0.00 -0.17	4.98 -0.07 -0.79	-1.63 0.04 -0.60	6.27 -0.08 -0.83	26.85 -0.48 -1.44	21.70 -0.40 0.35	24.42 -0.46 -1.37	20.73 -0.39 -1.04	25.79 -0.55 -1.42	25.31 -0.55 -1.46	28.18 -0.50 -1.61	26.83 -0.50 -0.58	26.99 -0.54 0.00	30.62 -0.46 0.00	30.58 -0.46 0.00	30.80 -0.32 0.00	34.32 -0.54 0.00	27.71 -0.41 0.00	28.01 -0.40 0.00	25.51 -0.36 0.00	19.73 -0.21 0.00	19.45 -0.17 0.00
ALCOA_RYNLDS___DRP 24188	18.27 -0.13 0.00	10.02 -0.10 0.00	0.37 0.00 -0.17	4.98 -0.07 -0.79	-1.63 0.04 -0.60	6.27 -0.08 -0.83	26.85 -0.48 -1.44	21.70 -0.40 0.35	24.42 -0.46 -1.37	20.73 -0.39 -1.04	25.79 -0.55 -1.42	25.31 -0.55 -1.46	28.18 -0.50 -1.61	26.83 -0.50 -0.58	26.99 -0.54 0.00	30.62 -0.46 0.00	30.58 -0.46 0.00	30.80 -0.32 0.00	34.32 -0.54 0.00	27.71 -0.41 0.00	28.01 -0.40 0.00	25.51 -0.36 0.00	19.73 -0.21 0.00	19.45 -0.17 0.00
ALCOA___DSASP 323711	18.27 -0.13 0.00	10.02 -0.10 0.00	0.37 0.00 -0.17	4.98 -0.07 -0.79	-1.63 0.04 -0.60	6.27 -0.08 -0.83	26.85 -0.48 -1.44	21.69 -0.40 0.35	24.41 -0.47 -1.37	20.73 -0.40 -1.04	25.78 -0.56 -1.42	25.29 -0.56 -1.46	28.18 -0.50 -1.61	26.83 -0.50 -0.58	26.99 -0.54 0.00	30.62 -0.46 0.00	30.58 -0.46 0.00	30.80 -0.32 0.00	34.32 -0.54 0.00	27.71 -0.41 0.00	28.01 -0.40 0.00	25.51 -0.36 0.00	19.73 -0.21 0.00	19.45 -0.17 0.00
ALLEGHENY___COGEN 23514	18.56 0.16 0.00	12.50 0.07 -2.31	5.42 0.00 -5.21	7.95 0.05 -3.64	4.05 -0.04 -6.36	9.98 0.14 -4.31	26.71 0.81 0.00	22.51 0.06 0.00	23.44 -0.08 0.00	20.12 0.04 0.00	25.20 0.28 0.00	24.21 -0.18 0.00	26.64 -0.43 0.00	26.41 -0.34 0.00	28.13 0.60 0.00	32.36 1.27 0.00	32.33 1.28 0.00	32.39 1.27 0.00	36.39 1.52 0.00	29.61 1.50 0.00	29.92 1.50 0.00	27.28 1.41 0.00	20.56 0.83 0.00	20.43 0.81 0.00
ALTAMONT_115KV_TB 2 55880	18.99 0.59 0.00	19.90 0.35 -9.44	21.50 0.01 -21.29	19.29 0.15 -14.87	23.64 -0.08 -25.99	23.35 0.19 -17.63	26.83 0.94 0.00	23.27 0.82 0.00	24.38 0.87 0.00	20.77 0.69 0.00	25.79 0.87 0.00	25.23 0.84 0.00	27.66 0.88 0.28	27.32 0.83 0.25	28.07 0.91 0.36	31.69 0.95 0.35	32.07 1.03 0.01	32.11 0.99 0.00	36.22 1.35 0.00	29.06 0.94 0.00	29.36 0.94 0.00	26.63 0.77 0.00	20.28 0.54 0.00	20.12 0.50 0.00
ALTONA_WT_PWR 323606	18.48 0.09 0.00	10.04 -0.08 0.00	-5.21 -0.01 5.41	-21.06 -0.23 25.10	-21.05 0.12 18.91	-21.06 -0.27 26.32	-21.09 -1.33 45.66	-18.41 -1.11 39.74	-21.08 -1.11 43.48	-14.04 -0.96 33.16	-21.55 -1.33 45.14	-23.54 -1.33 46.60	-22.66 -1.48 48.25	10.00 -1.39 15.35	26.67 -0.86 0.00	30.61 -0.48 0.00	30.66 -0.38 0.00	30.51 -0.61 0.00	34.27 -0.59 0.00	27.34 -0.77 0.00	27.42 -1.00 0.00	24.91 -0.95 0.00	12.30 -0.64 6.79	19.31 -0.31 0.00
AMERICAN_REF_FUEL 24010	17.44 -0.96 0.00	11.72 -0.55 -2.14	5.03 -0.01 -4.83	7.46 -0.18 -3.38	3.71 0.07 -5.90	9.29 -0.24 -4.00	24.64 -1.26 0.00	20.95 -1.50 0.00	22.19 -1.32 0.00	19.56 -0.52 0.00	24.57 -0.34 0.00	24.16 -0.23 0.00	26.64 -0.43 0.00	26.30 -0.45 0.00	26.93 -0.60 0.00	30.43 -0.65 0.00	30.07 -0.98 0.00	29.86 -1.27 0.00	33.19 -1.68 0.00	27.24 -0.88 0.00	27.62 -0.80 0.00	25.38 -0.49 0.00	19.28 -0.45 0.00	19.36 -0.26 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.67 -0.72 0.00	12.00 -0.42 -2.30	5.39 0.00 -5.19	7.78 -0.10 -3.62	4.11 0.04 -6.33	9.73 -0.09 -4.30	25.50 0.00 0.00	21.69 -0.76 0.00	23.13 -0.38 0.00	20.32 0.24 0.00	25.56 0.64 0.00	25.16 0.76 0.00	27.93 0.85 0.00	27.66 0.91 0.00	28.38 0.85 0.00	31.95 0.87 0.00	31.71 0.66 0.00	31.53 0.41 0.00	35.07 0.20 0.00	28.63 0.51 0.00	28.83 0.41 0.00	26.28 0.42 0.00	19.79 0.06 0.00	19.75 0.13 0.00
ARTHUR_KILL_GT_1 23520	19.76 1.36 0.00	18.68 0.78 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.17 -21.44	20.49 0.42 -14.55	27.89 1.99 0.00	24.32 1.87 0.00	25.34 1.83 0.00	21.65 1.56 0.00	27.04 2.12 0.00	26.49 2.10 0.00	29.71 2.16 -0.48	29.38 2.21 -0.43	30.36 2.21 -0.62	31.37 2.20 1.92	32.77 2.28 0.56	32.67 2.22 0.67	33.08 2.68 4.46	29.99 2.16 0.29	30.52 2.10 0.00	27.81 1.94 0.00	21.16 1.43 0.00	20.95 1.33 0.00
ARTHUR_KILL_2 23512	19.71 1.31 0.00	18.66 0.76 -7.79	17.78 0.02 -17.56	16.86 0.32 -12.27	19.01 -0.17 -21.44	20.48 0.41 -14.55	27.82 1.92 0.00	24.26 1.81 0.00	25.28 1.77 0.00	21.60 1.52 0.00	26.97 2.06 0.00	26.43 2.04 0.00	29.65 2.10 -0.48	29.32 2.14 -0.43	30.30 2.15 -0.62	31.30 2.13 1.92	32.69 2.20 0.56	32.58 2.13 0.67	32.98 2.58 4.46	29.91 2.08 0.29	30.44 2.02 0.00	27.73 1.87 0.00	21.10 1.37 0.00	20.90 1.28 0.00
ARTHUR_KILL_3 23513	19.58 1.19 0.00	18.58 0.68 -7.79	17.78 0.01 -17.56	16.83 0.29 -12.27	19.03 -0.15 -21.44	20.44 0.37 -14.55	27.72 1.82 0.00	24.11 1.66 0.00	25.16 1.65 0.00	21.52 1.44 0.00	26.90 1.98 0.00	26.39 2.00 0.00	29.65 2.10 -0.48	29.24 2.07 -0.43	30.35 2.21 -0.62	31.43 2.25 1.91	32.75 2.26 0.56	32.62 2.17 0.67	33.13 2.71 4.45	29.84 2.01 0.29	30.42 2.00 0.00	27.61 1.74 0.00	21.04 1.30 0.00	20.82 1.20 0.00
ARTHUR_KILL_COGEN 323718	19.76 1.36 0.00	18.68 0.78 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.17 -21.44	20.49 0.42 -14.55	27.89 1.99 0.00	24.32 1.87 0.00	25.34 1.83 0.00	21.65 1.56 0.00	27.04 2.12 0.00	26.49 2.10 0.00	29.71 2.16 -0.48	29.38 2.21 -0.43	30.36 2.21 -0.62	31.37 2.20 1.92	32.77 2.28 0.56	32.67 2.22 0.67	33.08 2.68 4.46	29.99 2.16 0.29	30.52 2.10 0.00	27.81 1.94 0.00	21.16 1.43 0.00	20.95 1.33 0.00
ASHOKAN____ 23654	19.44 1.05 0.00	19.17 0.55 -8.50	19.39 0.01 -19.17	17.87 0.21 -13.40	21.03 -0.11 -23.40	21.75 0.35 -15.88	27.57 1.67 0.00	24.01 1.56 0.00	25.14 1.63 0.00	21.30 1.22 0.00	26.26 1.34 0.00	25.60 1.21 0.00	28.59 1.52 0.00	28.23 1.49 0.00	29.00 1.48 0.00	32.75 1.66 0.00	32.88 1.84 0.00	33.01 1.89 0.00	37.52 2.65 0.00	30.02 1.90 0.00	30.26 1.84 0.00	27.38 1.52 0.00	20.79 1.06 0.00	20.56 0.94 0.00

ASTORIA_EAST_ENERGY_CC1 323581	19.57 1.17 0.00	18.59 0.68 -7.79	17.78 0.01 -17.56	16.82 0.29 -12.27	19.03 -0.15 -21.44	20.45 0.37 -14.55	27.73 1.83 0.00	24.13 1.68 0.00	25.20 1.68 0.00	21.53 1.45 0.00	26.98 2.06 0.00	26.45 2.06 0.00	29.72 2.17 -0.48	29.33 2.15 -0.43	30.40 2.26 -0.62	33.96 2.28 -0.60	33.31 2.25 -0.02	33.30 2.18 0.00	37.58 2.71 0.00	30.18 2.06 0.00	30.49 2.07 0.00	27.67 1.81 0.00	21.06 1.33 0.00	20.83 1.21 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.57 1.17 0.00	18.59 0.68 -7.79	17.78 0.01 -17.56	16.82 0.29 -12.27	19.03 -0.15 -21.44	20.45 0.37 -14.55	27.73 1.83 0.00	24.13 1.68 0.00	25.20 1.68 0.00	21.53 1.45 0.00	26.98 2.06 0.00	26.45 2.06 0.00	29.72 2.17 -0.48	29.33 2.15 -0.43	30.40 2.26 -0.62	33.97 2.28 -0.60	33.31 2.25 -0.02	33.30 2.18 0.00	37.58 2.71 0.00	30.18 2.06 0.00	30.49 2.07 0.00	27.67 1.81 0.00	21.06 1.33 0.00	20.83 1.21 0.00
ASTORIA_GT2_1 24094	19.58 1.18 0.00	18.59 0.68 -7.79	17.78 0.01 -17.56	16.82 0.29 -12.27	19.03 -0.15 -21.44	20.45 0.38 -14.55	27.74 1.84 0.00	24.13 1.68 0.00	25.21 1.70 0.00	21.54 1.45 0.00	26.98 2.06 0.00	26.47 2.08 0.00	29.72 2.18 -0.48	29.34 2.16 -0.43	30.42 2.28 -0.62	33.98 2.30 -0.60	33.34 2.27 -0.02	33.31 2.19 0.00	37.59 2.73 0.00	30.20 2.08 0.00	30.50 2.08 0.00	27.68 1.82 0.00	21.07 1.34 0.00	20.84 1.22 0.00
ASTORIA_GT2_2 24095	19.58 1.18 0.00	18.59 0.68 -7.79	17.78 0.01 -17.56	16.82 0.29 -12.27	19.03 -0.15 -21.44	20.45 0.38 -14.55	27.74 1.84 0.00	24.13 1.68 0.00	25.21 1.70 0.00	21.54 1.45 0.00	26.98 2.06 0.00	26.47 2.08 0.00	29.72 2.18 -0.48	29.34 2.16 -0.43	30.42 2.28 -0.62	33.98 2.30 -0.60	33.34 2.27 -0.02	33.31 2.19 0.00	37.59 2.73 0.00	30.20 2.08 0.00	30.50 2.08 0.00	27.68 1.82 0.00	21.07 1.34 0.00	20.84 1.22 0.00
ASTORIA_GT2_3 24096	19.58 1.18 0.00	18.59 0.68 -7.79	17.78 0.01 -17.56	16.82 0.29 -12.27	19.03 -0.15 -21.44	20.45 0.38 -14.55	27.74 1.84 0.00	24.13 1.68 0.00	25.21 1.70 0.00	21.54 1.45 0.00	26.98 2.06 0.00	26.47 2.08 0.00	29.72 2.18 -0.48	29.34 2.16 -0.43	30.42 2.28 -0.62	33.98 2.30 -0.60	33.34 2.27 -0.02	33.31 2.19 0.00	37.59 2.73 0.00	30.20 2.08 0.00	30.50 2.08 0.00	27.68 1.82 0.00	21.07 1.34 0.00	20.84 1.22 0.00
ASTORIA_GT2_4 24097	19.58 1.18 0.00	18.59 0.68 -7.79	17.78 0.01 -17.56	16.82 0.29 -12.27	19.03 -0.15 -21.44	20.45 0.38 -14.55	27.74 1.84 0.00	24.13 1.68 0.00	25.21 1.70 0.00	21.54 1.45 0.00	26.98 2.06 0.00	26.47 2.08 0.00	29.72 2.18 -0.48	29.34 2.16 -0.43	30.42 2.28 -0.62	33.98 2.30 -0.60	33.34 2.27 -0.02	33.31 2.19 0.00	37.59 2.73 0.00	30.20 2.08 0.00	30.50 2.08 0.00	27.68 1.82 0.00	21.07 1.34 0.00	20.84 1.22 0.00
ASTORIA_GT3_1 24098	19.58 1.18 0.00	18.59 0.68 -7.79	17.78 0.01 -17.56	16.82 0.29 -12.27	19.03 -0.15 -21.44	20.45 0.38 -14.55	27.74 1.84 0.00	24.13 1.68 0.00	25.21 1.70 0.00	21.54 1.45 0.00	26.98 2.06 0.00	26.47 2.08 0.00	29.72 2.18 -0.48	29.34 2.16 -0.43	30.42 2.28 -0.62	33.98 2.30 -0.60	33.34 2.27 -0.02	33.31 2.19 0.00	37.59 2.73 0.00	30.20 2.08 0.00	30.50 2.08 0.00	27.68 1.82 0.00	21.07 1.34 0.00	20.84 1.22 0.00
ASTORIA_GT3_2 24099	19.58 1.18 0.00	18.59 0.68 -7.79	17.78 0.01 -17.56	16.82 0.29 -12.27	19.03 -0.15 -21.																			

ASTORIA_GT_10 24110	19.59 1.19 0.00	18.60 0.69 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.78 1.89 0.00	24.14 1.69 0.00	25.25 1.74 0.00	21.58 1.50 0.00	27.01 2.08 0.00	26.49 2.10 0.00	29.76 2.21 -0.48	29.36 2.18 -0.43	30.45 2.30 -0.62	34.04 2.36 -0.60	33.40 2.33 -0.02	33.39 2.27 0.00	37.68 2.82 0.00	30.23 2.11 0.00	30.49 2.08 0.00	27.69 1.83 0.00	21.06 1.33 0.00	20.85 1.23 0.00
ASTORIA_GT_11 24225	19.59 1.19 0.00	18.60 0.69 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.78 1.89 0.00	24.14 1.69 0.00	25.25 1.74 0.00	21.58 1.50 0.00	27.01 2.08 0.00	26.49 2.10 0.00	29.76 2.21 -0.48	29.36 2.18 -0.43	30.45 2.30 -0.62	34.04 2.36 -0.60	33.40 2.33 -0.02	33.39 2.27 0.00	37.68 2.82 0.00	30.23 2.11 0.00	30.49 2.08 0.00	27.69 1.83 0.00	21.06 1.33 0.00	20.85 1.23 0.00
ASTORIA_GT_12 24226	19.59 1.19 0.00	18.60 0.69 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.78 1.89 0.00	24.14 1.69 0.00	25.25 1.74 0.00	21.58 1.50 0.00	27.01 2.08 0.00	26.49 2.10 0.00	29.76 2.21 -0.48	29.36 2.18 -0.43	30.45 2.30 -0.62	34.04 2.36 -0.60	33.40 2.33 -0.02	33.39 2.27 0.00	37.68 2.82 0.00	30.23 2.11 0.00	30.49 2.08 0.00	27.69 1.83 0.00	21.06 1.33 0.00	20.85 1.23 0.00
ASTORIA_GT_13 24227	19.59 1.19 0.00	18.60 0.69 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.78 1.89 0.00	24.14 1.69 0.00	25.25 1.74 0.00	21.58 1.50 0.00	27.01 2.08 0.00	26.49 2.10 0.00	29.76 2.21 -0.48	29.36 2.18 -0.43	30.45 2.30 -0.62	34.04 2.36 -0.60	33.40 2.33 -0.02	33.39 2.27 0.00	37.68 2.82 0.00	30.23 2.11 0.00	30.49 2.08 0.00	27.69 1.83 0.00	21.06 1.33 0.00	20.85 1.23 0.00
ASTORIA_GT_5 24106	19.61 1.21 0.00	18.61 0.70 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.79 1.89 0.00	24.18 1.73 0.00	25.26 1.75 0.00	21.58 1.50 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.79 2.25 -0.48	29.40 2.23 -0.43	30.48 2.34 -0.62	34.05 2.37 -0.60	33.40 2.34 -0.02	33.39 2.26 0.00	37.67 2.81 0.00	30.26 2.14 0.00	30.57 2.15 0.00	27.73 1.87 0.00	21.11 1.38 0.00	20.87 1.25 0.00
ASTORIA_GT_7 24107	19.61 1.21 0.00	18.61 0.70 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.79 1.89 0.00	24.18 1.73 0.00	25.26 1.75 0.00	21.58 1.50 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.79 2.25 -0.48	29.40 2.23 -0.43	30.48 2.34 -0.62	34.05 2.37 -0.60	33.40 2.34 -0.02	33.39 2.26 0.00	37.67 2.81 0.00	30.26 2.14 0.00	30.57 2.15 0.00	27.73 1.87 0.00	21.11 1.38 0.00	20.87 1.25 0.00
ASTORIA_GT_8 24108	19.61 1.21 0.00	18.61 0.70 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.79 1.89 0.00	24.18 1.73 0.00	25.26 1.75 0.00	21.58 1.50 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.79 2.24 -0.48	29.40 2.23 -0.43	30.48 2.34 -0.62	34.05 2.36 -0.60	33.40 2.34 -0.02	33.39 2.26 0.00	37.67 2.81 0.00	30.25 2.14 0.00	30.57 2.14 0.00	27.73 1.87 0.00	21.11 1.38 0.00	20.87 1.25 0.00
ASTORIA___2 24149	19.58 1.18 0.00	18.59 0.68 -7.79	17.78 0.01 -17.56	16.82 0.29 -12.27	19.03 -0.15 -21.44	20.45 0.38 -14.55	27.74 1.84 0.00	24.13 1.68 0.00	25.21 1.70 0.00	21.54 1.45 0.00	26.99 2.07 0.00	26.47 2.08 0.00	29.73 2.18 -0.48	29.34 2.17 -0.43	30.42 2.28 -0.62	33.98 2.29 -0.60	33.34 2.27 -0.02	33.31 2.19 0.00	37.59 2.73 0.00	30.20 2.08 0.00	30.50 2.09 0.00	27.68 1.82 0.00	21.07 1.34 0.00	20.84 1.22 0.00
ASTORIA___3 23516	19.59 1.19 0.00	18.60 0.69 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.79 1.89 0.00	24.15 1.70 0.00	25.25 1.74 0.00	21.58 1.50 0.00	27.01 2.08 0.00	26.49 2.10 0.00	29.76 2.21 -0.48	29.36 2.18 -0.43	30.44 2.30 -0.62	34.04 2.36 -0.60	33.40 2.34 -0.02	33.39 2.27 0.00	37.68 2.81 0.00	30.23 2.11 0.00	30.49 2.08 0.00	27.69 1.83 0.00	21.06 1.33 0.00	20.85 1.23 0.00
ASTORIA___4 23517	19.59 1.19 0.00	18.60 0.69 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.78 1.89 0.00	24.14 1.69 0.00	25.25 1.74 0.00	21.58 1.50 0.00	27.01 2.08 0.00	26.49 2.10 0.00	29.76 2.21 -0.48	29.36 2.18 -0.43	30.45 2.30 -0.62	34.04 2.36 -0.60	33.40 2.33 -0.02	33.39 2.27 0.00	37.68 2.82 0.00	30.23 2.11 0.00	30.49 2.08 0.00	27.69 1.83 0.00	21.06 1.33 0.00	20.85 1.23 0.00
ASTORIA___5 23518	19.59 1.19 0.00	18.60 0.69 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.79 1.89 0.00	24.15 1.70 0.00	25.25 1.74 0.00	21.58 1.50 0.00	27.01 2.08 0.00	26.49 2.10 0.00	29.76 2.21 -0.48	29.36 2.18 -0.43	30.44 2.30 -0.62	34.04 2.36 -0.60	33.40 2.34 -0.02	33.39 2.27 0.00	37.68 2.81 0.00	30.22 2.11 0.00	30.49 2.07 0.00	27.69 1.83 0.00	21.06 1.33 0.00	20.85 1.23 0.00
AST_ENERGY_2_CC3 323677	19.67 1.27 0.00	18.63 0.72 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.48 0.41 -14.55	27.87 1.97 0.00	24.24 1.79 0.00	25.32 1.81 0.00	21.65 1.57 0.00	27.07 2.15 0.00	26.56 2.17 0.00	29.85 2.31 -0.48	29.43 2.25 -0.43	30.54 2.40 -0.62	34.15 2.47 -0.60	33.55 2.48 -0.02	33.51 2.39 0.00	37.84 2.97 0.00	30.32 2.20 0.00	30.60 2.18 0.00	27.77 1.90 0.00	21.13 1.40 0.00	20.92 1.30 0.00
AST_ENERGY_2_CC4 323678	19.67 1.27 0.00	18.63 0.72 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.48 0.41 -14.55	27.87 1.97 0.00	24.24 1.79 0.00	25.32 1.81 0.00	21.65 1.57 0.00	27.07 2.15 0.00	26.56 2.17 0.00	29.85 2.31 -0.48	29.43 2.25 -0.43	30.54 2.40 -0.62	34.15 2.47 -0.60	33.55 2.48 -0.02	33.51 2.39 0.00	37.84 2.97 0.00	30.32 2.20 0.00	30.60 2.18 0.00	27.77 1.90 0.00	21.13 1.40 0.00	20.92 1.30 0.00
ATHENS_STG_1 23668	19.09 0.69 0.00	19.09 0.40 -8.56	19.53 0.01 -19.31	17.93 0.18 -13.49	21.22 -0.09 -23.58	21.75 0.23 -16.00	26.99 1.09 0.00	23.39 0.94 0.00	24.48 0.97 0.00	20.89 0.81 0.00	25.99 1.07 0.00	25.46 1.06 0.00	28.32 1.11 -0.15	27.96 1.08 -0.13	28.89 1.17 -0.19	32.45 1.18 -0.19	32.28 1.22 -0.01	32.26 1.15 0.00	36.38 1.51 0.00	29.20 1.08 0.00	29.50 1.08 0.00	26.78 0.92 0.00	20.39 0.65 0.00	20.22 0.60 0.00
ATHENS_STG_2 23670	19.09 0.69 0.00	19.09 0.40 -8.56	19.53 0.01 -19.31	17.93 0.18 -13.49	21.22 -0.09 -23.58	21.75 0.23 -16.00	26.99 1.09 0.00	23.39 0.94 0.00	24.48 0.97 0.00	20.89 0.81 0.00	25.99 1.07 0.00	25.46 1.06 0.00	28.32 1.11 -0.15	27.96 1.08 -0.13	28.89 1.17 -0.19	32.45 1.18 -0.19	32.28 1.22 -0.01	32.26 1.15 0.00	36.38 1.51 0.00	29.20 1.08 0.00	29.50 1.08 0.00	26.78 0.92 0.00	20.39 0.65 0.00	20.22 0.60 0.00

ATHENS_STG_3 23677	19.09 0.69 0.00	19.09 0.40 -8.56	19.53 0.01 -19.31	17.93 0.18 -13.49	21.22 -0.09 -23.58	21.75 0.23 -16.00	26.99 1.09 0.00	23.39 0.94 0.00	24.48 0.97 0.00	20.89 0.81 0.00	25.99 1.07 0.00	25.46 1.06 0.00	28.32 1.11 -0.15	27.96 1.08 -0.13	28.89 1.17 -0.19	32.45 1.18 -0.19	32.28 1.22 -0.01	32.26 1.15 0.00	36.38 1.51 0.00	29.20 1.08 0.00	29.50 1.08 0.00	26.78 0.92 0.00	20.39 0.65 0.00	20.22 0.60 0.00
AUBURN____LFGE 323710	18.64 0.24 0.00	12.22 0.10 -2.01	4.73 0.00 -4.52	7.50 0.08 -3.16	3.22 -0.04 -5.52	9.39 0.12 -3.74	26.65 0.76 0.00	23.08 0.63 0.00	24.31 0.80 0.00	20.82 0.74 0.00	25.98 1.06 0.00	25.27 0.88 0.00	27.85 0.78 0.00	27.51 0.76 0.00	28.42 0.89 0.00	32.06 0.98 0.00	31.97 0.92 0.00	31.83 0.71 0.00	35.71 0.85 0.00	29.03 0.91 0.00	29.28 0.86 0.00	26.70 0.83 0.00	20.18 0.45 0.00	20.08 0.45 0.00
BABYLON_RES_REC 323704	19.91 1.51 0.00	18.74 0.84 -7.79	17.78 0.02 -17.56	16.86 0.34 -12.27	19.00 -0.17 -21.44	20.52 0.45 -14.54	27.90 2.01 0.00	24.35 1.90 0.00	25.41 1.90 0.00	21.62 1.54 0.00	27.36 2.44 0.00	26.98 2.59 0.00	30.32 2.77 -0.48	31.80 2.72 -2.33	32.64 2.96 -2.15	34.64 2.96 -0.60	33.94 2.88 -0.02	33.93 2.81 0.00	50.19 3.58 -11.74	30.83 2.72 0.00	31.08 2.66 0.00	38.55 2.34 -10.35	22.25 1.73 -0.79	26.50 1.64 -5.24
BABYLON__69_KV_BK2 356345	20.11 1.72 0.00	18.85 0.94 -7.79	17.78 0.02 -17.56	16.91 0.38 -12.27	18.98 -0.19 -21.44	20.57 0.50 -14.54	28.13 2.24 0.00	24.59 2.14 0.00	25.64 2.13 0.00	21.82 1.73 0.00	27.63 2.71 0.00	27.26 2.87 0.00	30.60 3.05 -0.48	32.07 2.99 -2.33	32.95 3.27 -2.15	35.01 3.33 -0.60	34.33 3.26 -0.02	34.32 3.19 0.00	50.65 4.05 -11.73	31.18 3.06 0.00	31.42 3.00 0.00	38.88 2.67 -10.35	22.49 1.97 -0.79	26.73 1.88 -5.23
BALL_HILL_WT_PWR 323825	18.02 -0.38 0.00	12.15 -0.24 -2.27	5.31 0.00 -5.11	7.79 -0.05 -3.57	3.99 0.01 -6.24	9.71 -0.05 -4.24	25.60 -0.29 0.00	21.88 -0.57 0.00	23.18 -0.33 0.00	20.34 0.26 0.00	25.56 0.64 0.00	25.04 0.65 0.00	27.67 0.60 0.00	27.37 0.62 0.00	28.07 0.54 0.00	31.69 0.61 0.00	31.41 0.36 0.00	31.24 0.12 0.00	34.81 -0.05 0.00	28.43 0.31 0.00	28.76 0.34 0.00	26.32 0.46 0.00	19.93 0.20 0.00	19.92 0.30 0.00
BARON_WINDS____WT_PWR 323822	17.75 -0.65 0.00	12.47 -0.34 -2.69	6.26 0.00 -6.06	8.41 -0.09 -4.23	5.19 0.05 -7.40	10.42 -0.12 -5.02	25.47 -0.43 0.00	21.98 -0.47 0.00	23.13 -0.38 0.00	20.06 -0.02 0.00	25.36 0.43 0.00	24.76 0.37 0.00	27.33 0.26 0.00	27.19 0.44 0.00	27.93 0.40 0.00	31.70 0.62 0.00	31.45 0.41 0.00	31.40 0.27 0.00	35.09 0.22 0.00	28.31 0.19 0.00	28.54 0.13 0.00	26.05 0.18 0.00	19.66 -0.07 0.00	19.57 -0.05 0.00
BARRETT_IC_1 23704	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.16 1.65 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.99 2.44 -0.48	31.48 2.40 -2.33	32.20 2.53 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.60 2.99 -11.74	30.35 2.23 0.00	30.61 2.19 0.00	38.18 1.96 -10.35	22.04 1.52 -0.79	26.30 1.44 -5.24
BARRETT_IC_10 23701	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.16 1.65 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.99 2.44 -0.48	31.48 2.40 -2.33	32.20 2.53 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.60 2.99 -11.74	30.35 2.23 0.00	30.61 2.19 0.00	38.18 1.96 -10.35	22.04 1.52 -0.79	26.30 1.44 -5.24
BARRETT_IC_11 23702	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.16 1.65 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.99 2.44 -0.48	31.48 2.40 -2.33	32.20 2.53 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.60 2.99 -11.74	30.35 2.23 0.00	30.61 2.19 0.00	38.18 1.96 -10.35	22.04 1.52 -0.79	26.30 1.44 -5.24
BARRETT_IC_12 23703	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.16 1.65 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.99 2.44 -0.48	31.48 2.40 -2.33	32.20 2.53 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.60 2.99 -11.74	30.35 2.23 0.00	30.61 2.19 0.00	38.18 1.96 -10.35	22.04 1.52 -0.79	26.30 1.44 -5.24
BARRETT_IC_2 23705	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.16 1.65 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.99 2.44 -0.48	31.48 2.40 -2.33	32.20 2.53 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.60 2.99 -11.74	30.35 2.23 0.00	30.61 2.19 0.00	38.18 1.96 -10.35	22.04 1.52 -0.79	26.30 1.44 -5.24
BARRETT_IC_3 23706	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.16 1.65 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.99 2.44 -0.48	31.48 2.40 -2.33	32.20 2.53 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.60 2.99 -11.74	30.35 2.23 0.00	30.61 2.19 0.00	38.18 1.96 -10.35	22.04 1.52 -0.79	26.30 1.44 -5.24
BARRETT_IC_4 23707	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.16 1.65 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.99 2.44 -0.48	31.48 2.40 -2.33	32.20 2.53 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.60 2.99 -11.74	30.35 2.23 0.00	30.61 2.19 0.00	38.18 1.96 -10.35	22.04 1.52 -0.79	26.30 1.44 -5.24
BARRETT_IC_5 23708	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.16 1.65 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.99 2.44 -0.48	31.48 2.40 -2.33	32.20 2.53 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.60 2.99 -11.74	30.35 2.23 0.00	30.61 2.19 0.00	38.18 1.96 -10.35	22.04 1.52 -0.79	26.30 1.44 -5.24
BARRETT_IC_6 23709	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.16 1.65 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.99 2.44 -0.48	31.48 2.40 -2.33	32.20 2.53 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.60 2.99 -11.74	30.35 2.23 0.00	30.61 2.19 0.00	38.18 1.96 -10.35	22.04 1.52 -0.79	26.30 1.44 -5.24

BARRETT_IC_7 23710	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.48 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.15 1.64 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.97 2.42 -0.48	31.47 2.39 -2.33	32.20 2.52 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.59 2.99 -11.73	30.35 2.23 0.00	30.61 2.19 0.00	38.17 1.96 -10.35	22.03 1.51 -0.79	26.30 1.44 -5.23
BARRETT_IC_8 23711	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.16 1.65 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.99 2.44 -0.48	31.48 2.40 -2.33	32.20 2.53 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.60 2.99 -11.74	30.35 2.23 0.00	30.61 2.19 0.00	38.18 1.96 -10.35	22.04 1.52 -0.79	26.30 1.44 -5.24
BARRETT_IC_9 23700	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.16 1.65 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.99 2.44 -0.48	31.48 2.40 -2.33	32.20 2.53 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.60 2.99 -11.74	30.35 2.23 0.00	30.61 2.19 0.00	38.18 1.96 -10.35	22.04 1.52 -0.79	26.30 1.44 -5.24
BARRETT___1 23545	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.16 1.65 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.99 2.44 -0.48	31.48 2.40 -2.33	32.20 2.53 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.60 2.99 -11.74	30.35 2.23 0.00	30.61 2.19 0.00	38.18 1.96 -10.35	22.04 1.52 -0.79	26.30 1.44 -5.24
BARRETT___2 23546	19.75 1.35 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.12 1.67 0.00	25.16 1.65 0.00	21.43 1.35 0.00	27.04 2.12 0.00	26.67 2.28 0.00	29.99 2.44 -0.48	31.48 2.40 -2.33	32.20 2.53 -2.15	34.10 2.42 -0.60	33.44 2.38 -0.02	33.48 2.36 0.00	49.60 2.99 -11.74	30.35 2.23 0.00	30.61 2.19 0.00	38.18 1.96 -10.35	22.04 1.52 -0.79	26.30 1.44 -5.24
BATAVIA___115KV_TB1 55881	18.23 -0.16 0.00	12.05 -0.11 -2.05	4.83 0.00 -4.62	7.48 -0.01 -3.23	3.36 -0.02 -5.64	9.37 0.02 -3.82	25.90 0.01 0.00	22.21 -0.23 0.00	23.45 -0.06 0.00	20.55 0.47 0.00	25.75 0.82 0.00	25.18 0.79 0.00	27.75 0.67 0.00	27.46 0.71 0.00	28.20 0.67 0.00	31.86 0.78 0.00	31.56 0.52 0.00	31.46 0.34 0.00	35.12 0.26 0.00	28.72 0.61 0.00	29.07 0.65 0.00	26.60 0.73 0.00	20.17 0.44 0.00	20.16 0.54 0.00
BAYONEEC___CTG1 323682	19.65 1.26 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.47 0.40 -14.55	27.84 1.95 0.00	24.22 1.76 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.53 2.14 0.00	29.81 2.26 -0.48	29.39 2.22 -0.43	30.50 2.36 -0.62	34.11 2.43 -0.60	33.51 2.44 -0.02	33.46 2.34 0.00	37.78 2.91 0.00	30.28 2.16 0.00	30.57 2.15 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
BAYONEEC___CTG10 323750	19.65 1.26 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.47 0.40 -14.55	27.84 1.95 0.00	24.22 1.76 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.53 2.14 0.00	29.81 2.26 -0.48	29.39 2.22 -0.43	30.50 2.36 -0.62	34.11 2.43 -0.60	33.51 2.44 -0.02	33.46 2.34 0.00	37.78 2.91 0.00	30.28 2.16 0.00	30.57 2.15 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
BAYONEEC___CTG2 323683	19.65 1.26 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.47 0.40 -14.55	27.84 1.95 0.00	24.22 1.76 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.53 2.14 0.00	29.81 2.26 -0.48	29.39 2.22 -0.43	30.50 2.36 -0.62	34.11 2.43 -0.60	33.51 2.44 -0.02	33.46 2.34 0.00	37.78 2.91 0.00	30.28 2.16 0.00	30.57 2.15 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
BAYONEEC___CTG3 323684	19.65 1.26 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.47 0.40 -14.55	27.84 1.95 0.00	24.22 1.76 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.53 2.14 0.00	29.81 2.26 -0.48	29.39 2.22 -0.43	30.50 2.36 -0.62	34.11 2.43 -0.60	33.51 2.44 -0.02	33.46 2.34 0.00	37.78 2.91 0.00	30.28 2.16 0.00	30.57 2.15 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
BAYONEEC___CTG4 323685	19.65 1.26 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.47 0.40 -14.55	27.84 1.95 0.00	24.22 1.76 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.53 2.14 0.00	29.81 2.26 -0.48	29.39 2.22 -0.43	30.50 2.36 -0.62	34.11 2.43 -0.60	33.51 2.44 -0.02	33.46 2.34 0.00	37.78 2.91 0.00	30.28 2.16 0.00	30.57 2.15 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
BAYONEEC___CTG5 323686	19.65 1.26 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.47 0.40 -14.55	27.84 1.95 0.00	24.22 1.76 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.53 2.14 0.00	29.81 2.26 -0.48	29.39 2.22 -0.43	30.50 2.36 -0.62	34.11 2.43 -0.60	33.51 2.44 -0.02	33.46 2.34 0.00	37.78 2.91 0.00	30.28 2.16 0.00	30.57 2.15 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
BAYONEEC___CTG6 323687	19.65 1.26 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.47 0.40 -14.55	27.84 1.95 0.00	24.22 1.76 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.53 2.14 0.00	29.81 2.26 -0.48	29.39 2.22 -0.43	30.50 2.36 -0.62	34.11 2.43 -0.60	33.51 2.44 -0.02	33.46 2.34 0.00	37.78 2.91 0.00	30.28 2.16 0.00	30.57 2.15 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
BAYONEEC___CTG7 323688	19.65 1.26 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.47 0.40 -14.55	27.84 1.95 0.00	24.22 1.76 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.53 2.14 0.00	29.81 2.26 -0.48	29.39 2.22 -0.43	30.50 2.36 -0.62	34.11 2.43 -0.60	33.51 2.44 -0.02	33.46 2.34 0.00	37.78 2.91 0.00	30.28 2.16 0.00	30.57 2.15 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
BAYONEEC___CTG8 323689	19.65 1.26 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.47 0.40 -14.55	27.84 1.95 0.00	24.22 1.76 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.53 2.14 0.00	29.81 2.26 -0.48	29.39 2.22 -0.43	30.50 2.36 -0.62	34.11 2.43 -0.60	33.51 2.44 -0.02	33.46 2.34 0.00	37.78 2.91 0.00	30.28 2.16 0.00	30.57 2.15 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00

BAYONEEC___CTG9 323749	19.65 1.26 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.47 0.40 -14.55	27.84 1.95 0.00	24.22 1.76 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.53 2.14 0.00	29.81 2.26 -0.48	29.39 2.22 -0.43	30.50 2.36 -0.62	34.11 2.43 -0.60	33.51 2.44 -0.02	33.46 2.34 0.00	37.78 2.91 0.00	30.28 2.16 0.00	30.57 2.15 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
BEACON___LESR 323632	18.98 0.58 0.00	19.88 0.34 -9.42	21.47 0.01 -21.25	19.27 0.16 -14.85	23.61 -0.08 -25.95	23.32 0.18 -17.61	26.88 0.99 0.00	23.34 0.89 0.00	24.47 0.96 0.00	20.77 0.69 0.00	25.77 0.85 0.00	25.19 0.80 0.00	27.41 0.82 0.48	27.08 0.76 0.43	27.76 0.85 0.62	31.41 0.94 0.62	32.03 1.00 0.02	32.18 1.06 0.00	36.43 1.57 0.00	29.09 0.97 0.00	29.36 0.94 0.00	26.61 0.74 0.00	20.27 0.54 0.00	20.10 0.48 0.00
BEAVER RIVER___HYD 24048	17.63 -0.77 0.00	10.28 -0.49 -0.64	2.02 -0.01 -1.83	6.77 -0.22 -2.73	0.93 0.12 -3.07	8.28 -0.26 -3.01	27.93 -1.10 -3.13	13.76 -0.92 7.77	25.70 -0.79 -2.98	21.63 -0.72 -2.27	27.00 -1.01 -3.09	26.65 -0.93 -3.19	29.67 -0.74 -3.34	27.33 -0.51 -1.09	26.34 -1.19 0.00	30.43 -0.65 0.00	30.65 -0.40 0.00	30.97 -0.15 0.00	34.52 -0.35 0.00	27.63 -0.49 0.00	28.00 -0.42 0.00	25.32 -0.54 0.00	19.97 -0.28 -0.52	19.20 -0.41 0.00
BEEBEE_GT_13 23619	18.10 -0.30 0.00	11.86 -0.18 -1.92	4.53 0.00 -4.32	7.22 -0.05 -3.02	3.03 0.02 -5.28	9.05 -0.06 -3.58	25.65 -0.24 0.00	22.05 -0.40 0.00	23.26 -0.26 0.00	20.21 0.13 0.00	25.28 0.36 0.00	24.72 0.33 0.00	27.34 0.27 0.00	27.02 0.28 0.00	27.75 0.22 0.00	31.33 0.25 0.00	31.11 0.07 0.00	31.05 -0.07 0.00	34.73 -0.13 0.00	28.28 0.16 0.00	28.61 0.19 0.00	26.13 0.27 0.00	19.85 0.11 0.00	19.79 0.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.79 1.39 0.00	18.70 0.79 -7.79	17.79 0.02 -17.56	16.87 0.34 -12.27	19.01 -0.17 -21.44	20.52 0.44 -14.55	28.05 2.15 0.00	24.41 1.96 0.00	25.50 1.99 0.00	21.80 1.72 0.00	27.28 2.36 0.00	26.76 2.37 0.00	30.04 2.49 -0.48	29.66 2.48 -0.43	30.73 2.58 -0.62	34.36 2.68 -0.60	33.69 2.62 -0.02	33.72 2.60 0.00	38.07 3.20 0.00	30.58 2.47 0.00	30.87 2.45 0.00	28.04 2.18 0.00	21.31 1.58 0.00	21.08 1.46 0.00
BETHLEHEM___GRP 23843	18.69 0.29 0.00	19.75 0.19 -9.44	21.49 0.00 -21.28	19.21 0.08 -14.87	23.68 -0.04 -25.98	23.26 0.10 -17.63	26.45 0.55 0.00	22.93 0.48 0.00	24.05 0.54 0.00	20.45 0.37 0.00	25.38 0.46 0.00	24.83 0.44 0.00	27.03 0.42 0.46	26.70 0.37 0.42	27.40 0.47 0.60	30.92 0.43 0.59	31.56 0.53 0.02	31.60 0.49 0.00	35.74 0.88 0.00	28.62 0.50 0.00	28.89 0.47 0.00	26.20 0.34 0.00	19.93 0.20 0.00	19.77 0.15 0.00
BETHLEHEM___GS1 323560	18.69 0.29 0.00	19.75 0.19 -9.44	21.49 0.00 -21.28	19.21 0.08 -14.87	23.68 -0.04 -25.98	23.26 0.10 -17.63	26.45 0.55 0.00	22.93 0.48 0.00	24.05 0.54 0.00	20.45 0.37 0.00	25.38 0.46 0.00	24.83 0.44 0.00	27.03 0.43 0.46	26.70 0.37 0.42	27.40 0.47 0.60	30.92 0.43 0.59	31.56 0.53 0.02	31.60 0.48 0.00	35.74 0.88 0.00	28.62 0.50 0.00	28.89 0.47 0.00	26.20 0.33 0.00	19.93 0.20 0.00	19.77 0.15 0.00
BETHLEHEM___GS2 323561	18.69 0.29 0.00	19.75 0.19 -9.44	21.49 0.00 -21.28	19.21 0.08 -14.87	23.68 -0.04 -25.98	23.26 0.10 -17.63	26.45 0.55 0.00	22.93 0.48 0.00	24.05 0.54 0.00	20.45 0.37 0.00	25.38 0.46 0.00	24.83 0.44 0.00	27.03 0.43 0.46	26.70 0.37 0.42	27.40 0.47 0.60	30.92 0.43 0.59	31.56 0.53 0.02	31.60 0.48 0.00	35.74 0.88 0.00	28.62 0.50 0.00	28.89 0.47 0.00	26.20 0.33 0.00	19.93 0.20 0.00	19.77 0.15 0.00
BETHLEHEM___GS3 323562	18.69 0.29 0.00	19.75 0.19 -9.44	21.49 0.00 -21.28	19.21 0.08 -14.87	23.68 -0.04 -25.98	23.26 0.10 -17.63	26.45 0.55 0.00	22.93 0.48 0.00	24.05 0.54 0.00	20.45 0.37 0.00	25.38 0.46 0.00	24.83 0.44 0.00	27.03 0.43 0.46	26.70 0.37 0.42	27.40 0.47 0.60	30.92 0.43 0.59	31.56 0.53 0.02	31.60 0.48 0.00	35.74 0.88 0.00	28.62 0.50 0.00	28.89 0.47 0.00	26.20 0.33 0.00	19.93 0.20 0.00	19.77 0.15 0.00
BETHLEHEM___STEEL 23779	17.95 -0.45 0.00	12.08 -0.27 -2.23	5.23 0.00 -5.03	7.70 -0.08 -3.51	3.90 0.02 -6.14	9.61 -0.08 -4.17	25.43 -0.47 0.00	21.74 -0.71 0.00	23.00 -0.51 0.00	20.22 0.14 0.00	25.43 0.51 0.00	24.88 0.48 0.00	27.48 0.41 0.00	27.16 0.41 0.00	27.83 0.30 0.00	31.45 0.37 0.00	31.14 0.09 0.00	31.03 -0.10 0.00	34.58 -0.28 0.00	28.28 0.16 0.00	28.64 0.22 0.00	26.24 0.37 0.00	19.89 0.16 0.00	19.89 0.27 0.00
BETHLHEM_115KV_TB1 79974	18.75 0.36 0.00	19.78 0.22 -9.43	21.49 0.00 -21.27	19.22 0.10 -14.86	23.66 -0.05 -25.97	23.27 0.12 -17.62	26.53 0.63 0.00	23.00 0.55 0.00	24.11 0.60 0.00	20.52 0.44 0.00	25.46 0.54 0.00	24.92 0.53 0.00	27.15 0.52 0.44	26.83 0.47 0.39	27.53 0.57 0.56	31.07 0.54 0.56	31.67 0.64 0.02	31.71 0.59 0.00	35.84 0.97 0.00	28.71 0.59 0.00	28.99 0.57 0.00	26.30 0.43 0.00	20.01 0.28 0.00	19.85 0.23 0.00
BETHPAGE_CC_5 323564	19.89 1.49 0.00	18.74 0.83 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.77 1.87 0.00	24.20 1.75 0.00	25.28 1.77 0.00	21.54 1.46 0.00	27.21 2.29 0.00	26.84 2.45 0.00	30.22 2.67 -0.48	31.72 2.64 -2.33	32.49 2.82 -2.15	34.46 2.78 -0.60	33.69 2.63 -0.02	33.68 2.56 0.00	49.90 3.29 -11.74	30.58 2.47 0.00	30.87 2.45 0.00	38.37 2.16 -10.35	22.21 1.69 -0.79	26.46 1.61 -5.24
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.03 -0.36 0.00	12.13 -0.23 -2.24	5.26 0.00 -5.06	7.73 -0.06 -3.54	3.93 0.02 -6.18	9.66 -0.06 -4.19	25.55 -0.34 0.00	21.86 -0.59 0.00	23.11 -0.40 0.00	20.32 0.24 0.00	25.56 0.63 0.00	24.99 0.60 0.00	27.62 0.55 0.00	27.29 0.54 0.00	27.97 0.44 0.00	31.61 0.53 0.00	31.31 0.26 0.00	31.20 0.07 0.00	34.78 -0.09 0.00	28.43 0.31 0.00	28.79 0.37 0.00	26.37 0.50 0.00	19.99 0.26 0.00	19.98 0.36 0.00
BINGHAMTON___COGEN 23790	18.66 0.26 0.00	13.75 0.14 -3.48	8.06 0.00 -7.86	9.84 0.09 -5.49	7.28 -0.05 -9.59	12.13 0.10 -6.51	26.42 0.52 0.00	22.86 0.41 0.00	23.99 0.48 0.00	20.58 0.50 0.00	25.67 0.74 0.00	25.11 0.72 0.00	27.79 0.72 0.00	27.51 0.76 0.00	28.32 0.79 0.00	31.93 0.84 0.00	31.87 0.82 0.00	31.83 0.71 0.00	35.68 0.82 0.00	28.76 0.65 0.00	29.04 0.62 0.00	26.45 0.58 0.00	20.12 0.39 0.00	20.00 0.38 0.00
BIXINCNT_115KV_LOAD 355685	18.09 -0.30 0.00	12.20 -0.23 -2.31	5.41 0.00 -5.21	7.82 -0.08 -3.64	4.11 0.01 -6.36	9.85 0.01 -4.32	25.94 0.04 0.00	22.26 -0.19 0.00	23.32 -0.19 0.00	20.62 0.54 0.00	25.94 1.02 0.00	25.13 0.74 0.00	27.95 0.88 0.00	27.55 0.80 0.00	28.44 0.91 0.00	32.25 1.17 0.00	31.92 0.87 0.00	31.92 0.80 0.00	35.50 0.64 0.00	28.91 0.79 0.00	29.35 0.93 0.00	26.69 0.82 0.00	20.23 0.50 0.00	20.15 0.53 0.00

BLACK RIVER___HYD 24047	17.63 -0.77 0.00	10.55 -0.49 -0.92	2.53 -0.01 -2.33	6.69 -0.23 -2.65	1.29 0.12 -3.44	8.27 -0.23 -2.98	27.13 -0.95 -2.19	16.35 -0.79 5.31	24.95 -0.64 -2.08	21.10 -0.57 -1.59	26.28 -0.80 -2.16	25.87 -0.75 -2.23	28.81 -0.59 -2.34	27.19 -0.32 -0.76	26.51 -1.02 0.00	30.65 -0.43 0.00	30.94 -0.11 0.00	31.24 0.12 0.00	34.83 -0.04 0.00	27.87 -0.25 0.00	28.23 -0.19 0.00	25.50 -0.36 0.00	19.91 -0.18 -0.37	19.27 -0.35 0.00
BLACKRVR_115KV_TB2 79977	17.63 -0.77 0.00	10.55 -0.49 -0.92	2.53 -0.01 -2.33	6.69 -0.23 -2.65	1.29 0.12 -3.44	8.26 -0.24 -2.98	27.13 -0.95 -2.19	16.35 -0.79 5.31	24.95 -0.65 -2.08	21.10 -0.57 -1.59	26.28 -0.80 -2.16	25.87 -0.75 -2.23	28.81 -0.59 -2.34	27.19 -0.32 -0.76	26.51 -1.02 0.00	30.65 -0.43 0.00	30.94 -0.11 0.00	31.24 0.12 0.00	34.83 -0.04 0.00	27.87 -0.25 0.00	28.23 -0.19 0.00	25.50 -0.36 0.00	19.91 -0.18 -0.37	19.27 -0.35 0.00
BLISS_WT_PWR 323608	17.99 -0.41 0.00	12.13 -0.29 -2.31	5.41 0.00 -5.21	7.79 -0.11 -3.64	4.12 0.02 -6.36	9.83 -0.01 -4.32	25.91 0.01 0.00	22.21 -0.25 0.00	23.25 -0.26 0.00	20.59 0.51 0.00	25.93 1.01 0.00	25.07 0.68 0.00	27.91 0.83 0.00	27.49 0.74 0.00	28.42 0.88 0.00	32.27 1.19 0.00	31.91 0.87 0.00	31.95 0.82 0.00	35.49 0.63 0.00	28.91 0.79 0.00	29.36 0.94 0.00	26.66 0.80 0.00	20.19 0.46 0.00	20.10 0.48 0.00
BLUESTONE___WT_PWR 323821	18.82 0.43 0.00	14.15 0.19 -3.84	8.87 0.00 -8.66	10.39 0.08 -6.05	8.27 -0.05 -10.57	12.85 0.15 -7.17	26.75 0.85 0.00	23.21 0.76 0.00	24.39 0.88 0.00	20.70 0.62 0.00	26.27 1.35 0.00	26.05 1.66 0.00	29.52 2.21 -0.23	29.09 2.13 -0.21	29.42 1.83 -0.06	33.01 1.93 0.00	33.13 2.09 0.00	33.09 1.96 0.00	36.85 1.98 0.00	29.75 1.63 0.00	29.83 1.41 0.00	26.84 0.98 0.00	20.40 0.67 0.00	20.30 0.69 0.00
BLUE_CIRC_CHEM_DRP 24182	19.04 0.64 0.00	19.79 0.38 -9.29	21.16 0.01 -20.95	19.06 0.16 -14.64	23.23 -0.08 -25.58	23.07 0.19 -17.35	26.84 0.94 0.00	23.27 0.82 0.00	24.42 0.91 0.00	20.78 0.70 0.00	25.78 0.86 0.00	25.23 0.84 0.00	27.63 0.85 0.29	27.29 0.80 0.26	28.04 0.89 0.38	31.65 0.95 0.38	32.07 1.03 0.01	32.11 0.99 0.00	36.27 1.41 0.00	29.09 0.97 0.00	29.38 0.97 0.00	26.67 0.80 0.00	20.30 0.57 0.00	20.15 0.53 0.00
BOC_GAS_DRP 24189	18.94 0.54 0.00	19.86 0.32 -9.41	21.44 0.01 -21.23	19.23 0.14 -14.83	23.58 -0.07 -25.92	23.28 0.17 -17.59	26.73 0.83 0.00	23.17 0.72 0.00	24.29 0.78 0.00	20.71 0.63 0.00	25.72 0.80 0.00	25.18 0.79 0.00	27.59 0.80 0.28	27.27 0.77 0.25	28.02 0.85 0.35	31.61 0.86 0.34	31.97 0.93 0.01	31.99 0.87 0.00	36.08 1.21 0.00	28.96 0.84 0.00	29.26 0.85 0.00	26.56 0.69 0.00	20.22 0.49 0.00	20.06 0.44 0.00
BOONVILLE_115KV_TB1 79983	18.35 -0.05 0.00	10.58 -0.05 -0.51	1.51 0.00 -1.31	5.71 -0.02 -1.48	-0.32 0.02 -1.92	7.17 -0.02 -1.66	27.08 -0.03 -1.22	28.97 0.09 -6.42	24.82 0.15 -1.16	21.04 0.08 -0.88	26.17 0.05 -1.20	25.64 0.01 -1.24	28.56 0.17 -1.31	27.47 0.28 -0.44	27.48 -0.05 0.00	31.36 0.27 0.00	31.46 0.42 0.00	31.80 0.68 0.00	35.58 0.71 0.00	28.49 0.37 0.00	28.81 0.39 0.00	26.10 0.23 0.00	20.22 0.28 -0.21	19.80 0.19 0.00
BORALEX_4TH_BRANCH 23824	19.49 1.09 0.00	20.11 0.67 -9.32	21.25 0.01 -21.03	19.23 0.28 -14.69	23.26 -0.15 -25.67	23.33 0.38 -17.42	27.36 1.47 0.00	23.59 1.14 0.00	24.73 1.22 0.00	20.93 0.85 0.00	26.04 1.13 0.00	25.59 1.20 0.00	26.90 1.16 1.33	26.72 1.16 1.19	27.16 1.33 1.71	30.56 1.14 1.66	32.11 1.12 0.05	32.20 1.08 0.00	36.62 1.76 0.00	29.20 1.08 0.00	29.46 1.04 0.00	26.70 0.83 0.00	20.39 0.65 0.00	20.26 0.64 0.00
BOWLINE___1 23526	19.39 1.00 0.00	17.83 0.56 -7.15	16.34 0.01 -16.12	15.77 0.25 -11.26	17.29 -0.13 -19.68	19.21 0.33 -13.35	27.50 1.61 0.00	23.87 1.42 0.00	24.90 1.39 0.00	21.34 1.26 0.00	26.67 1.75 0.00	26.16 1.77 0.00	29.31 1.85 -0.39	28.90 1.80 -0.35	29.98 1.95 -0.50	33.56 1.99 -0.49	33.07 2.01 -0.01	33.00 1.88 0.00	37.15 2.28 0.00	29.81 1.69 0.00	30.13 1.71 0.00	27.40 1.53 0.00	20.85 1.12 0.00	20.64 1.02 0.00
BOWLINE___2 23595	19.39 1.00 0.00	17.83 0.56 -7.15	16.34 0.01 -16.12	15.77 0.25 -11.26	17.29 -0.13 -19.68	19.21 0.34 -13.35	27.51 1.61 0.00	23.88 1.43 0.00	24.93 1.42 0.00	21.35 1.27 0.00	26.68 1.76 0.00	26.17 1.78 0.00	29.32 1.86 -0.39	28.91 1.82 -0.35	29.98 1.95 -0.50	33.59 2.02 -0.49	33.11 2.05 -0.01	33.04 1.92 0.00	37.21 2.34 0.00	29.85 1.74 0.00	30.15 1.73 0.00	27.41 1.55 0.00	20.86 1.13 0.00	20.65 1.03 0.00
BRADY___115KV_TB2 356060	18.62 0.22 0.00	10.45 0.06 -0.26	1.78 0.00 -1.57	9.17 -0.02 -4.94	1.88 0.01 -4.13	10.79 0.03 -5.23	34.22 0.10 -8.22	25.27 0.01 -2.82	31.15 -0.19 -7.83	25.80 -0.26 -5.97	32.67 -0.37 -8.12	32.36 -0.41 -8.38	35.42 -0.40 -8.75	29.17 -0.41 -2.83	27.21 -0.32 0.00	30.94 -0.14 0.00	30.88 -0.17 0.00	31.41 0.28 0.00	35.11 0.24 0.00	28.23 0.12 0.00	28.49 0.07 0.00	25.94 0.07 0.00	21.32 0.23 -1.36	19.80 0.19 0.00
BRANSCOMB___SOLAR 323811	19.32 0.92 0.00	20.28 0.52 -9.64	21.96 0.01 -21.74	19.68 0.23 -15.19	24.14 -0.13 -26.54	23.89 0.35 -18.01	27.59 1.69 0.00	23.91 1.46 0.00	25.04 1.53 0.00	21.28 1.20 0.00	26.43 1.51 0.00	25.82 1.43 0.00	28.13 1.55 0.49	27.78 1.47 0.44	28.56 1.65 0.63	32.23 1.76 0.61	32.79 1.76 0.02	32.84 1.72 0.00	37.10 2.23 0.00	29.70 1.58 0.00	29.95 1.53 0.00	27.15 1.28 0.00	20.60 0.88 0.00	20.44 0.82 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.07 1.67 0.00	18.82 0.91 -7.79	17.78 0.02 -17.56	16.89 0.37 -12.27	18.99 -0.18 -21.44	20.54 0.47 -14.54	28.02 2.12 0.00	24.48 2.03 0.00	25.55 2.04 0.00	21.73 1.65 0.00	27.57 2.66 0.00	27.21 2.82 0.00	30.54 2.99 -0.48	32.00 2.92 -2.33	32.86 3.18 -2.15	34.90 3.21 -0.60	34.22 3.15 -0.02	34.11 2.99 0.00	50.41 3.81 -11.73	30.97 2.85 0.00	31.22 2.80 0.00	38.76 2.55 -10.35	22.40 1.88 -0.79	26.66 1.81 -5.23
BRISTLHL_115KV_TB1 79998	18.15 -0.25 0.00	11.42 -0.14 -1.44	3.46 0.00 -3.25	6.48 -0.05 -2.27	1.74 0.03 -3.97	8.15 -0.07 -2.70	25.59 -0.31 0.00	21.55 -0.28 0.61	23.19 -0.32 0.00	19.84 -0.25 0.00	24.60 -0.31 0.00	24.06 -0.33 0.00	26.69 -0.38 0.00	26.40 -0.34 0.00	27.14 -0.39 0.00	30.66 -0.42 0.00	30.63 -0.42 0.00	30.70 -0.42 0.00	34.42 -0.44 0.00	27.74 -0.38 0.00	28.04 -0.38 0.00	25.58 -0.29 0.00	19.56 -0.17 0.00	19.46 -0.16 0.00
BROOKHAVEN___DRP 24191	19.87 1.47 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.47 0.40 -14.54	27.51 1.62 0.00	24.26 1.81 0.00	25.15 1.63 0.00	21.38 1.30 0.00	27.15 2.23 0.00	26.87 2.48 0.00	30.13 2.58 -0.48	31.63 2.54 -2.33	32.48 2.81 -2.15	34.53 2.85 -0.60	33.93 2.86 -0.02	34.00 2.88 0.00	50.27 3.67 -11.73	30.76 2.64 0.00	30.96 2.55 0.00	38.42 2.21 -10.35	22.19 1.67 -0.79	26.47 1.62 -5.23



BROOKLYN_NAVY_YARD 23515	19.67 1.27 0.00	18.62 0.72 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.47 0.40 -14.55	27.83 1.94 0.00	24.21 1.75 0.00	25.29 1.77 0.00	21.61 1.53 0.00	27.01 2.09 0.00	26.50 2.11 0.00	29.79 2.24 -0.48	29.37 2.19 -0.43	30.49 2.35 -0.62	34.10 2.42 -0.60	33.50 2.43 -0.02	33.45 2.33 0.00	37.77 2.91 0.00	30.27 2.15 0.00	30.57 2.15 0.00	27.76 1.89 0.00	21.10 1.38 0.00	20.89 1.27 0.00
BROOKLYN___ARMY_DRP 323595	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.34 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
BROOKVLE_69_KV_TB1 55790	19.88 1.49 0.00	18.75 0.84 -7.79	17.78 0.02 -17.56	16.87 0.34 -12.27	19.00 -0.18 -21.44	20.53 0.46 -14.54	28.07 2.18 0.00	24.42 1.97 0.00	25.48 1.97 0.00	21.72 1.64 0.00	27.37 2.44 0.00	26.96 2.57 0.00	30.31 2.76 -0.48	31.82 2.74 -2.33	32.57 2.89 -2.15	34.58 2.90 -0.60	33.93 2.86 -0.02	33.95 2.83 0.00	50.17 3.56 -11.73	30.79 2.67 0.00	31.05 2.63 0.00	38.51 2.30 -10.35	22.22 1.70 -0.79	26.46 1.61 -5.23
BROOME_2_LFGE 323671	18.65 0.26 0.00	13.75 0.14 -3.48	8.06 0.00 -7.86	9.84 0.09 -5.49	7.28 -0.05 -9.59	12.13 0.10 -6.51	26.42 0.52 0.00	22.86 0.41 0.00	23.99 0.48 0.00	20.58 0.50 0.00	25.67 0.74 0.00	25.11 0.71 0.00	27.78 0.71 0.00	27.51 0.76 0.00	28.32 0.80 0.00	31.93 0.84 0.00	31.87 0.82 0.00	31.83 0.71 0.00	35.69 0.82 0.00	28.77 0.65 0.00	29.05 0.63 0.00	26.45 0.58 0.00	20.12 0.39 0.00	20.00 0.38 0.00
BROOME___LFGE 323600	18.65 0.26 0.00	13.75 0.14 -3.48	8.06 0.00 -7.86	9.84 0.09 -5.49	7.28 -0.05 -9.59	12.13 0.10 -6.51	26.42 0.52 0.00	22.86 0.41 0.00	23.99 0.48 0.00	20.58 0.50 0.00	25.67 0.74 0.00	25.11 0.71 0.00	27.78 0.71 0.00	27.51 0.76 0.00	28.32 0.80 0.00	31.93 0.84 0.00	31.87 0.82 0.00	31.83 0.71 0.00	35.69 0.82 0.00	28.77 0.65 0.00	29.05 0.63 0.00	26.45 0.58 0.00	20.12 0.39 0.00	20.00 0.38 0.00
BROWNFLS_115KV_TB_3_5 80003	17.70 -0.69 0.00	10.14 -0.44 -0.46	1.90 -0.01 -1.70	7.85 -0.22 -3.80	1.44 0.12 -3.59	9.36 -0.25 -4.08	30.32 -1.16 -5.59	18.72 -1.08 2.65	27.77 -1.07 -5.33	23.19 -0.95 -4.06	29.14 -1.30 -5.52	28.85 -1.24 -5.70	31.87 -1.16 -5.96	27.66 -1.02 -1.93	26.11 -1.42 0.00	29.97 -1.11 0.00	30.10 -0.95 0.00	30.38 -0.74 0.00	33.87 -1.00 0.00	27.20 -0.92 0.00	27.53 -0.89 0.00	25.00 -0.86 0.00	20.17 -0.49 -0.93	19.06 -0.56 0.00
BROWNSV1_27_KV_LOAD 356125	19.81 1.42 0.00	18.71 0.80 -7.79	17.79 0.02 -17.56	16.88 0.34 -12.27	19.00 -0.17 -21.44	20.52 0.45 -14.55	28.11 2.21 0.00	24.45 2.00 0.00	25.54 2.03 0.00	21.85 1.77 0.00	27.32 2.40 0.00	26.81 2.41 0.00	30.11 2.56 -0.48	29.70 2.52 -0.43	30.82 2.67 -0.62	34.47 2.79 -0.60	33.87 2.81 -0.02	33.82 2.70 0.00	38.20 3.33 0.00	30.62 2.50 0.00	30.89 2.47 0.00	28.04 2.17 0.00	21.32 1.59 0.00	21.10 1.48 0.00
BURROWS___LYONSDAL 23803	18.14 -0.26 0.00	10.49 -0.17 -0.54	1.61 0.00 -1.41	5.91 -0.08 -1.72	-0.07 0.05 -2.15	7.36 -0.09 -1.93	27.15 -0.33 -1.59	23.60 -0.19 -1.34	24.93 -0.10 -1.51	21.10 -0.14 -1.15	26.25 -0.24 -1.57	25.78 -0.23 -1.62	28.74 -0.04 -1.71	27.43 0.12 -0.57	27.18 -0.35 0.00	31.14 0.06 0.00	31.27 0.23 0.00	31.62 0.50 0.00	35.33 0.47 0.00	28.28 0.16 0.00	28.62 0.20 0.00	25.91 0.04 0.00	20.15 0.14 -0.27	19.66 0.04 0.00
CAITHNESS_CC_1 323624	19.84 1.45 0.00	18.70 0.80 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.48 0.41 -14.54	27.50 1.60 0.00	24.21 1.76 0.00	25.13 1.62 0.00	21.36 1.28 0.00	27.14 2.22 0.00	26.86 2.47 0.00	30.14 2.59 -0.48	31.63 2.55 -2.33	32.46 2.79 -2.15	34.49 2.81 -0.60	33.88 2.81 -0.02	33.90 2.78 0.00	50.15 3.55 -11.74	30.70 2.58 0.00	30.90 2.48 0.00	38.37 2.16 -10.35	22.16 1.64 -0.79	26.44 1.58 -5.24
CALPINE BETH_PAGE_GT4 24209	19.88 1.48 0.00	18.74 0.83 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.17 -21.44	20.50 0.43 -14.54	27.79 1.90 0.00	24.21 1.75 0.00	25.28 1.77 0.00	21.54 1.45 0.00	27.19 2.27 0.00	26.81 2.42 0.00	30.23 2.68 -0.48	31.72 2.65 -2.33	32.50 2.82 -2.15	34.47 2.79 -0.60	33.68 2.62 -0.02	33.69 2.57 0.00	49.90 3.30 -11.73	30.58 2.46 0.00	30.87 2.45 0.00	38.36 2.15 -10.35	22.20 1.68 -0.79	26.46 1.60 -5.23
CALPINE_BETH_PAGE_GT_4 323586	19.88 1.48 0.00	18.74 0.83 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.17 -21.44	20.50 0.43 -14.54	27.80 1.90 0.00	24.22 1.76 0.00	25.28 1.77 0.00	21.53 1.45 0.00	27.19 2.27 0.00	26.82 2.43 0.00	30.24 2.69 -0.48	31.74 2.66 -2.33	32.51 2.83 -2.15	34.47 2.79 -0.60	33.69 2.63 -0.02	33.69 2.57 0.00	49.91 3.30 -11.74	30.58 2.47 0.00	30.86 2.44 0.00	38.36 2.15 -10.35	22.21 1.69 -0.79	26.46 1.60 -5.24
CALPINE_BP_GT1 23823	19.88 1.48 0.00	18.74 0.83 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.17 -21.44	20.50 0.43 -14.54	27.80 1.90 0.00	24.22 1.76 0.00	25.28 1.77 0.00	21.53 1.45 0.00	27.19 2.27 0.00	26.82 2.43 0.00	30.24 2.69 -0.48	31.74 2.66 -2.33	32.51 2.83 -2.15	34.47 2.79 -0.60	33.69 2.63 -0.02	33.69 2.57 0.00	49.91 3.30 -11.74	30.58 2.47 0.00	30.86 2.44 0.00	38.36 2.15 -10.35	22.21 1.69 -0.79	26.46 1.60 -5.24
CALSPAN___DRP 24200	17.95 -0.45 0.00	12.08 -0.27 -2.23	5.23 0.00 -5.03	7.70 -0.08 -3.51	3.90 0.02 -6.14	9.61 -0.08 -4.17	25.43 -0.47 0.00	21.74 -0.71 0.00	23.00 -0.51 0.00	20.22 0.14 0.00	25.43 0.51 0.00	24.88 0.48 0.00	27.48 0.41 0.00	27.16 0.41 0.00	27.83 0.30 0.00	31.45 0.37 0.00	31.14 0.09 0.00	31.03 -0.10 0.00	34.58 -0.28 0.00	28.28 0.16 0.00	28.64 0.22 0.00	26.24 0.37 0.00	19.89 0.16 0.00	19.89 0.27 0.00
CALVERTON___SOLAR 323806	19.90 1.51 0.00	18.74 0.83 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.17 -21.44	20.49 0.43 -14.54	27.57 1.67 0.00	24.35 1.90 0.00	25.21 1.70 0.00	21.42 1.34 0.00	27.20 2.28 0.00	26.92 2.53 0.00	30.20 2.65 -0.48	31.70 2.62 -2.33	32.57 2.89 -2.15	34.62 2.94 -0.60	34.03 2.96 -0.02	34.12 3.00 0.00	50.41 3.80 -11.74	30.87 2.75 0.00	31.06 2.64 0.00	38.50 2.29 -10.35	22.26 1.74 -0.79	26.53 1.68 -5.24
CANDIGU_WT_PWR 323617	17.75 -0.65 0.00	12.47 -0.34 -2.69	6.26 0.00 -6.06	8.41 -0.09 -4.23	5.19 0.05 -7.40	10.42 -0.12 -5.02	25.47 -0.43 0.00	21.98 -0.47 0.00	23.13 -0.38 0.00	20.06 -0.02 0.00	25.36 0.43 0.00	24.76 0.37 0.00	27.33 0.26 0.00	27.19 0.44 0.00	27.93 0.40 0.00	31.70 0.62 0.00	31.45 0.41 0.00	31.40 0.27 0.00	35.09 0.22 0.00	28.31 0.19 0.00	28.54 0.13 0.00	26.05 0.18 0.00	19.66 -0.07 0.00	19.57 -0.05 0.00

CARR STREET_E__SYR 24060	18.32 -0.08 0.00	11.74 -0.04 -1.67	3.97 0.00 -3.76	6.88 -0.01 -2.63	2.33 0.00 -4.59	8.63 -0.01 -3.12	25.88 -0.01 0.00	22.41 -0.04 0.00	23.48 -0.03 0.00	20.11 0.03 0.00	24.99 0.06 0.00	24.43 0.04 0.00	27.08 0.01 0.00	26.80 0.06 0.00	27.57 0.04 0.00	31.10 0.02 0.00	31.05 0.01 0.00	31.09 -0.03 0.00	34.86 -0.01 0.00	28.12 0.00 0.00	28.41 -0.01 0.00	25.90 0.03 0.00	19.76 0.03 0.00	19.66 0.04 0.00
CARTHAGE__PAPER 23857	17.73 -0.67 0.00	10.50 -0.44 -0.81	2.33 -0.01 -2.13	6.74 -0.20 -2.68	1.14 0.11 -3.29	8.30 -0.22 -2.99	27.55 -0.89 -2.55	15.46 -0.72 6.26	25.34 -0.60 -2.43	21.38 -0.56 -1.85	26.64 -0.80 -2.52	26.24 -0.76 -2.60	29.21 -0.58 -2.72	27.29 -0.34 -0.89	26.53 -1.00 0.00	30.67 -0.41 0.00	30.94 -0.11 0.00	31.29 0.17 0.00	34.88 0.02 0.00	27.90 -0.22 0.00	28.26 -0.16 0.00	25.53 -0.34 0.00	20.03 -0.13 -0.43	19.34 -0.28 0.00
CASSADAGA_WT_PWR 323784	17.71 -0.68 0.00	12.02 -0.41 -2.31	5.40 0.00 -5.20	7.81 -0.09 -3.64	4.12 0.03 -6.35	9.77 -0.06 -4.31	25.69 -0.20 0.00	21.86 -0.59 0.00	23.34 -0.17 0.00	20.49 0.41 0.00	25.75 0.83 0.00	25.40 1.01 0.00	28.24 1.16 0.00	27.93 1.18 0.00	28.68 1.15 0.00	32.25 1.17 0.00	32.01 0.97 0.00	31.83 0.71 0.00	35.44 0.57 0.00	28.90 0.78 0.00	29.09 0.67 0.00	26.48 0.61 0.00	19.95 0.22 0.00	19.88 0.26 0.00
CE_DUNWOOD__DRP 24194	19.53 1.13 0.00	18.54 0.65 -7.78	17.75 0.01 -17.54	16.79 0.28 -12.25	19.01 -0.14 -21.41	20.42 0.36 -14.53	27.68 1.79 0.00	24.05 1.60 0.00	25.13 1.62 0.00	21.48 1.40 0.00	26.83 1.91 0.00	26.32 1.93 0.00	29.59 2.04 -0.48	29.17 2.00 -0.43	30.27 2.13 -0.62	33.87 2.19 -0.60	33.28 2.22 -0.02	33.25 2.13 0.00	37.53 2.67 0.00	30.09 1.97 0.00	30.37 1.95 0.00	27.56 1.69 0.00	20.96 1.23 0.00	20.76 1.14 0.00
CE_MILLWOOD__DRP 24193	19.49 1.10 0.00	18.48 0.63 -7.73	17.66 0.01 -17.44	16.72 0.27 -12.19	18.89 -0.14 -21.29	20.33 0.36 -14.45	27.64 1.75 0.00	24.00 1.55 0.00	25.09 1.58 0.00	21.44 1.36 0.00	26.78 1.86 0.00	26.27 1.88 0.00	29.52 1.97 -0.47	29.11 1.94 -0.42	30.21 2.07 -0.61	33.80 2.13 -0.59	33.22 2.16 -0.02	33.19 2.07 0.00	37.46 2.60 0.00	30.03 1.91 0.00	30.31 1.89 0.00	27.51 1.65 0.00	20.93 1.20 0.00	20.72 1.10 0.00
CE_NYC2_DRP 24202	19.61 1.22 0.00	18.61 0.70 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.03 -0.15 -21.44	20.47 0.40 -14.55	27.82 1.92 0.00	24.18 1.73 0.00	25.28 1.77 0.00	21.61 1.53 0.00	27.04 2.12 0.00	26.53 2.14 0.00	29.79 2.24 -0.48	29.40 2.22 -0.43	30.49 2.34 -0.62	34.09 2.41 -0.60	33.45 2.38 -0.02	33.44 2.32 0.00	37.74 2.88 0.00	30.27 2.15 0.00	30.53 2.11 0.00	27.73 1.87 0.00	21.09 1.36 0.00	20.88 1.26 0.00
CE_NYC_DRP 24195	19.68 1.28 0.00	18.64 0.73 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.48 0.41 -14.55	27.90 2.00 0.00	24.26 1.81 0.00	25.35 1.84 0.00	21.67 1.59 0.00	27.11 2.19 0.00	26.60 2.21 0.00	29.89 2.34 -0.48	29.47 2.29 -0.43	30.58 2.43 -0.62	34.21 2.53 -0.60	33.60 2.54 -0.02	33.55 2.44 0.00	37.89 3.02 0.00	30.35 2.24 0.00	30.63 2.21 0.00	27.80 1.94 0.00	21.15 1.42 0.00	20.94 1.32 0.00
CHAFFEE__LFGE 323603	18.02 -0.38 0.00	12.15 -0.24 -2.27	5.32 0.00 -5.12	7.77 -0.06 -3.58	4.01 0.02 -6.25	9.70 -0.07 -4.24	25.53 -0.37 0.00	21.84 -0.61 0.00	23.14 -0.37 0.00	20.32 0.24 0.00	25.56 0.64 0.00	24.99 0.60 0.00	27.58 0.51 0.00	27.24 0.50 0.00	27.92 0.39 0.00	31.56 0.48 0.00	31.25 0.21 0.00	31.14 0.01 0.00	34.73 -0.14 0.00	28.41 0.29 0.00	28.77 0.36 0.00	26.36 0.50 0.00	19.96 0.22 0.00	19.96 0.34 0.00
CHATEAUG_35_KV_LOAD 355732	18.41 0.01 0.00	10.00 -0.12 0.00	-5.59 -0.01 5.79	-22.82 -0.22 26.86	-22.38 0.12 20.24	-22.90 -0.26 28.17	-24.23 -1.26 48.86	-21.31 -1.06 42.70	-24.09 -1.07 46.54	-16.33 -0.92 35.49	-24.65 -1.27 48.31	-26.74 -1.26 49.87	-25.95 -1.39 51.63	8.99 -1.34 16.43	26.68 -0.84 0.00	30.61 -0.47 0.00	30.64 -0.41 0.00	30.56 -0.57 0.00	34.18 -0.69 0.00	27.31 -0.81 0.00	27.41 -1.01 0.00	24.95 -0.92 0.00	11.80 -0.60 7.33	19.25 -0.37 0.00
CHATEAUG_WT_PWR 323614	18.40 0.01 0.00	10.00 -0.13 0.00	-5.20 -0.01 5.39	-21.01 -0.24 25.03	-21.00 0.13 18.87	-21.01 -0.28 26.25	-21.05 -1.40 45.55	-18.38 -1.19 39.64	-21.10 -1.23 43.38	-14.02 -1.02 33.08	-21.53 -1.42 45.03	-23.56 -1.46 46.49	-22.66 -1.60 48.13	9.99 -1.45 15.31	26.61 -0.92 0.00	30.53 -0.55 0.00	30.58 -0.47 0.00	30.45 -0.67 0.00	34.12 -0.75 0.00	27.23 -0.89 0.00	27.31 -1.11 0.00	24.87 -1.00 0.00	12.28 -0.68 6.77	19.22 -0.40 0.00
CHAT_HIGH_FALL_HYD 323578	18.41 0.01 0.00	10.00 -0.12 0.00	-5.59 -0.01 5.79	-22.82 -0.22 26.86	-22.38 0.12 20.24	-22.90 -0.26 28.17	-24.25 -1.28 48.86	-21.31 -1.06 42.70	-24.11 -1.09 46.54	-16.34 -0.93 35.49	-24.68 -1.29 48.31	-26.79 -1.31 49.87	-25.98 -1.42 51.63	9.00 -1.33 16.43	26.69 -0.84 0.00	30.61 -0.47 0.00	30.64 -0.41 0.00	30.56 -0.56 0.00	34.18 -0.69 0.00	27.31 -0.80 0.00	27.41 -1.01 0.00	24.95 -0.92 0.00	11.80 -0.60 7.33	19.25 -0.37 0.00
CHAUTAUQUA__LFGE 323629	17.97 -0.43 0.00	12.14 -0.26 -2.28	5.35 0.00 -5.15	7.81 -0.05 -3.60	4.04 0.02 -6.29	9.75 -0.04 -4.27	25.68 -0.21 0.00	21.91 -0.54 0.00	23.28 -0.23 0.00	20.43 0.35 0.00	25.68 0.76 0.00	25.19 0.80 0.00	27.88 0.81 0.00	27.60 0.85 0.00	28.31 0.78 0.00	31.92 0.83 0.00	31.65 0.60 0.00	31.48 0.35 0.00	35.06 0.19 0.00	28.63 0.51 0.00	28.91 0.49 0.00	26.42 0.56 0.00	19.97 0.24 0.00	19.94 0.32 0.00
CHERRYST_13_KV_LD 356241	19.73 1.33 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.17 -21.44	20.50 0.42 -14.55	27.97 2.08 0.00	24.33 1.88 0.00	25.43 1.92 0.00	21.75 1.66 0.00	27.21 2.29 0.00	26.69 2.30 0.00	30.00 2.44 -0.48	29.58 2.40 -0.43	30.69 2.54 -0.62	34.33 2.65 -0.60	33.73 2.66 -0.02	33.68 2.56 0.00	38.02 3.16 0.00	30.45 2.33 0.00	30.72 2.30 0.00	27.88 2.02 0.00	21.21 1.48 0.00	21.00 1.38 0.00
CHESTROR_138KV_BK263 355645	19.34 0.94 0.00	17.59 0.54 -6.94	15.87 0.01 -15.65	15.43 0.23 -10.94	16.72 -0.12 -19.11	18.80 0.31 -12.96	27.43 1.53 0.00	23.80 1.35 0.00	24.88 1.37 0.00	21.27 1.19 0.00	26.53 1.61 0.00	26.00 1.61 0.00	29.13 1.69 -0.36	28.72 1.64 -0.32	29.77 1.77 -0.47	33.39 1.86 -0.45	32.95 1.89 -0.01	32.93 1.81 0.00	37.11 2.24 0.00	29.78 1.66 0.00	30.08 1.66 0.00	27.32 1.46 0.00	20.78 1.05 0.00	20.59 0.97 0.00
CH_MIDHUDSON__DRP 24192	19.46 1.06 0.00	18.61 0.62 -7.87	17.98 0.01 -17.76	16.93 0.27 -12.41	19.28 -0.14 -21.68	20.58 0.35 -14.71	27.61 1.71 0.00	23.96 1.51 0.00	25.05 1.54 0.00	21.38 1.30 0.00	26.62 1.70 0.00	26.08 1.68 0.00	29.16 1.79 -0.30	28.77 1.75 -0.27	29.79 1.88 -0.39	33.41 1.95 -0.37	33.06 2.00 -0.01	33.07 1.95 0.00	37.36 2.49 0.00	29.94 1.82 0.00	30.22 1.81 0.00	27.41 1.55 0.00	20.85 1.12 0.00	20.64 1.03 0.00

CH_MISC_IPPS 23765	19.58 1.19 0.00	18.52 0.68 -7.72	17.62 0.01 -17.40	16.71 0.29 -12.16	18.83 -0.15 -21.25	20.34 0.39 -14.42	27.83 1.93 0.00	24.16 1.71 0.00	25.25 1.74 0.00	21.56 1.48 0.00	26.86 1.94 0.00	26.31 1.92 0.00	29.47 2.05 -0.35	29.04 1.98 -0.31	30.12 2.14 -0.45	33.78 2.26 -0.44	33.37 2.31 -0.01	33.32 2.20 0.00	37.61 2.75 0.00	30.16 2.04 0.00	30.45 2.03 0.00	27.61 1.75 0.00	20.99 1.26 0.00	20.79 1.17 0.00
CH_RES_BVR_FALLS 23983	17.70 -0.70 0.00	9.72 -0.40 0.00	-0.04 -0.01 0.24	2.98 -0.19 1.09	-2.98 0.10 0.82	4.14 -0.24 1.14	22.73 -1.18 1.98	19.77 -1.02 1.67	20.58 -1.04 1.90	17.88 -0.75 1.45	22.07 -0.89 1.96	21.63 -0.74 2.02	25.19 -0.46 1.42	26.30 -0.45 0.00	26.63 -0.90 0.00	30.51 -0.57 0.00	30.44 -0.61 0.00	30.62 -0.50 0.00	34.07 -0.79 0.00	27.40 -0.71 0.00	27.77 -0.65 0.00	25.33 -0.53 0.00	19.34 -0.39 0.00	19.18 -0.44 0.00
CH_RES_NIAGARA 23895	17.42 -0.97 0.00	11.70 -0.55 -2.14	5.01 -0.01 -4.82	7.45 -0.18 -3.37	3.71 0.09 -5.88	9.29 -0.22 -3.99	24.50 -1.39 0.00	20.77 -1.67 0.00	22.01 -1.51 0.00	19.41 -0.68 0.00	24.42 -0.51 0.00	23.89 -0.50 0.00	26.33 -0.74 0.00	25.99 -0.76 0.00	26.60 -0.93 0.00	30.06 -1.03 0.00	29.69 -1.36 0.00	29.53 -1.58 0.01	32.91 -1.95 0.00	27.03 -1.09 0.00	27.42 -1.00 0.00	25.21 -0.66 0.00	19.16 -0.58 0.00	19.24 -0.38 0.00
CH_RES_SYRACUSE 23985	18.49 0.09 0.00	11.95 0.04 -1.78	4.23 0.00 -4.02	7.10 0.03 -2.81	2.64 -0.02 -4.91	8.89 0.03 -3.33	26.11 0.21 0.00	22.60 0.15 0.00	23.66 0.15 0.00	20.25 0.17 0.00	25.17 0.25 0.00	24.61 0.22 0.00	27.28 0.21 0.00	26.98 0.23 0.00	27.79 0.26 0.00	31.35 0.26 0.00	31.29 0.24 0.00	31.35 0.23 0.00	35.16 0.30 0.00	28.37 0.25 0.00	28.64 0.22 0.00	26.12 0.25 0.00	19.92 0.19 0.00	19.81 0.20 0.00
CLINTON_WT_PWR 323605	18.40 0.01 0.00	10.00 -0.13 0.00	-5.20 -0.01 5.39	-21.01 -0.24 25.03	-21.00 0.13 18.87	-21.01 -0.28 26.25	-21.05 -1.40 45.55	-18.38 -1.19 39.64	-21.10 -1.23 43.38	-14.02 -1.02 33.08	-21.53 -1.42 45.03	-23.56 -1.46 46.49	-22.66 -1.60 48.13	9.99 -1.45 15.31	26.61 -0.92 0.00	30.53 -0.55 0.00	30.58 -0.47 0.00	30.45 -0.67 0.00	34.12 -0.75 0.00	27.23 -0.89 0.00	27.31 -1.11 0.00	24.87 -1.00 0.00	12.28 -0.68 6.77	19.22 -0.40 0.00
CLINTON__LFGE 323618	18.59 0.20 0.00	10.11 -0.01 0.00	-5.30 -0.01 5.50	-21.45 -0.20 25.51	-21.38 0.10 19.22	-21.46 -0.23 26.76	-21.61 -1.10 46.41	-18.88 -0.90 40.44	-21.61 -0.91 44.20	-14.40 -0.77 33.71	-22.09 -1.12 45.89	-24.21 -1.23 47.37	-23.33 -1.37 49.04	9.86 -1.29 15.60	26.77 -0.76 0.00	30.72 -0.36 0.00	30.82 -0.23 0.00	30.69 -0.43 0.00	34.54 -0.33 0.00	27.57 -0.55 0.00	27.66 -0.76 0.00	25.11 -0.75 0.00	12.32 -0.49 6.92	19.45 -0.17 0.00
COBBLENY_34_KV_TB1 80064	18.02 -0.38 0.00	12.15 -0.24 -2.27	5.32 0.00 -5.12	7.77 -0.06 -3.58	4.01 0.02 -6.25	9.70 -0.07 -4.24	25.52 -0.38 0.00	21.84 -0.60 0.00	23.13 -0.38 0.00	20.32 0.24 0.00	25.54 0.62 0.00	24.97 0.58 0.00	27.58 0.51 0.00	27.25 0.50 0.00	27.93 0.40 0.00	31.57 0.48 0.00	31.26 0.21 0.00	31.14 0.01 0.00	34.73 -0.14 0.00	28.41 0.29 0.00	28.77 0.35 0.00	26.36 0.49 0.00	19.96 0.22 0.00	19.95 0.33 0.00
COFFEEN__115KV_TB3 355620	17.76 -0.64 0.00	10.63 -0.42 -0.94	2.56 -0.01 -2.36	6.71 -0.20 -2.64	1.30 0.10 -3.46	8.30 -0.20 -2.97	27.28 -0.74 -2.12	16.71 -0.59 5.14	25.08 -0.46 -2.02	21.22 -0.40 -1.54	26.44 -0.57 -2.10	25.97 -0.58 -2.17	28.84 -0.50 -2.27	27.30 -0.18 -0.74	26.71 -0.82 0.00	30.83 -0.25 0.00	31.14 0.09 0.00	31.49 0.36 0.00	35.14 0.27 0.00	28.11 -0.01 0.00	28.44 0.03 0.00	25.70 -0.16 0.00	20.05 -0.04 -0.36	19.41 -0.21 0.00
COLDSPRG_115KV_BK1 355956	18.57 0.17 0.00	12.52 0.05 -2.34	5.49 0.00 -5.28	8.03 0.08 -3.69	4.13 -0.06 -6.45	10.03 0.13 -4.38	26.58 0.69 0.00	22.82 0.37 0.00	24.17 0.65 0.00	21.16 1.07 0.00	26.57 1.65 0.00	26.08 1.69 0.00	28.89 1.82 0.00	28.55 1.80 0.00	29.33 1.80 0.00	33.06 1.98 0.00	32.77 1.72 0.00	32.61 1.49 0.00	36.35 1.49 0.00	29.61 1.50 0.00	29.89 1.48 0.00	27.25 1.38 0.00	20.62 0.89 0.00	20.54 0.92 0.00
COLONIE_LFGE__ 323577	19.16 0.76 0.00	20.13 0.45 -9.56	21.78 0.01 -21.57	19.52 0.20 -15.07	23.96 -0.10 -26.33	23.66 0.27 -17.86	27.17 1.27 0.00	23.54 1.09 0.00	24.64 1.13 0.00	20.94 0.86 0.00	26.01 1.09 0.00	25.46 1.07 0.00	27.59 1.11 0.59	27.29 1.07 0.52	27.98 1.20 0.75	31.54 1.20 0.74	32.28 1.26 0.02	32.33 1.21 0.00	36.51 1.65 0.00	29.23 1.11 0.00	29.51 1.09 0.00	26.77 0.90 0.00	20.36 0.63 0.00	20.20 0.58 0.00
COOPERNY_115KV_TB1 80082	19.14 0.75 0.00	16.10 0.42 -5.55	12.74 0.01 -12.53	13.20 0.19 -8.75	12.93 -0.10 -15.29	16.15 0.25 -10.38	27.12 1.22 0.00	23.51 1.07 0.00	24.59 1.08 0.00	21.02 0.94 0.00	26.21 1.29 0.00	25.68 1.29 0.00	28.66 1.35 -0.23	28.29 1.33 -0.21	29.25 1.42 -0.30	32.84 1.47 -0.29	32.55 1.50 -0.01	32.54 1.42 0.00	36.60 1.74 0.00	29.43 1.31 0.00	29.73 1.31 0.00	27.02 1.15 0.00	20.56 0.83 0.00	20.39 0.77 0.00
COPENHAGEN_WT_PWR 323753	17.46 -0.94 0.00	10.49 -0.60 -0.97	2.62 -0.01 -2.42	6.63 -0.27 -2.63	1.38 0.14 -3.50	8.20 -0.29 -2.97	26.69 -1.22 -2.01	16.57 -1.03 4.85	24.57 -0.86 -1.92	20.79 -0.75 -1.46	25.88 -1.02 -1.98	25.52 -0.91 -2.05	28.54 -0.67 -2.15	27.03 -0.42 -0.70	26.28 -1.25 0.00	30.51 -0.57 0.00	30.79 -0.26 0.00	31.04 -0.08 0.00	34.55 -0.32 0.00	27.64 -0.48 0.00	28.03 -0.39 0.00	25.29 -0.57 0.00	19.73 -0.34 -0.34	19.11 -0.51 0.00
CORNELL____ 23752	18.81 0.41 0.00	13.06 0.22 -2.72	6.35 0.00 -6.14	8.67 0.11 -4.29	5.18 -0.06 -7.50	10.77 0.16 -5.09	26.72 0.82 0.00	23.21 0.76 0.00	24.28 0.77 0.00	20.81 0.73 0.00	25.92 1.00 0.00	25.28 0.89 0.00	27.91 0.84 0.00	27.66 0.91 0.00	28.51 0.98 0.00	32.16 1.08 0.00	32.19 1.14 0.00	32.30 1.18 0.00	36.23 1.36 0.00	29.18 1.06 0.00	29.44 1.02 0.00	26.78 0.91 0.00	20.37 0.64 0.00	20.24 0.62 0.00
CORONAAV_69_KV_TB1 355595	19.85 1.46 0.00	18.73 0.83 -7.79	17.78 0.02 -17.56	16.87 0.34 -12.27	19.00 -0.17 -21.44	20.52 0.45 -14.54	28.00 2.10 0.00	24.33 1.88 0.00	25.37 1.86 0.00	21.62 1.53 0.00	27.20 2.28 0.00	26.79 2.40 0.00	30.11 2.56 -0.48	31.65 2.57 -2.33	32.39 2.72 -2.15	34.34 2.66 -0.60	33.76 2.70 -0.02	33.81 2.69 0.00	49.97 3.37 -11.73	30.63 2.51 0.00	30.88 2.46 0.00	38.37 2.16 -10.35	22.16 1.64 -0.79	26.42 1.57 -5.23
CORTLAND_115KV_TB3 80093	18.69 0.29 0.00	12.59 0.16 -2.31	5.41 0.00 -5.20	7.98 0.08 -3.64	4.05 -0.04 -6.35	9.94 0.11 -4.31	26.48 0.58 0.00	22.97 0.52 0.00	24.07 0.55 0.00	20.60 0.52 0.00	25.62 0.70 0.00	25.00 0.61 0.00	27.68 0.60 0.00	27.43 0.68 0.00	28.24 0.71 0.00	31.86 0.78 0.00	31.85 0.80 0.00	31.94 0.81 0.00	35.82 0.96 0.00	28.86 0.74 0.00	29.12 0.70 0.00	26.50 0.64 0.00	20.19 0.45 0.00	20.06 0.43 0.00

COXSACKIE___GT 23611	19.55 1.16 0.00	19.70 0.64 -8.93	20.37 0.01 -20.15	18.60 0.27 -14.08	22.20 -0.14 -24.60	22.59 0.37 -16.69	27.80 1.90 0.00	24.22 1.77 0.00	25.39 1.88 0.00	21.43 1.35 0.00	26.31 1.39 0.00	25.65 1.26 0.00	28.17 1.32 0.21	27.76 1.20 0.19	28.57 1.32 0.28	32.54 1.75 0.29	33.23 2.19 0.01	33.18 2.07 0.00	37.86 3.00 0.00	30.32 2.20 0.00	30.55 2.13 0.00	27.64 1.78 0.00	20.93 1.20 0.00	20.69 1.07 0.00
CPV_VALLEY___CC1 323721	19.27 0.87 0.00	17.09 0.49 -6.47	14.81 0.01 -14.60	14.68 0.22 -10.20	15.44 -0.11 -17.82	17.91 0.29 -12.09	27.30 1.40 0.00	23.69 1.24 0.00	24.76 1.25 0.00	21.17 1.09 0.00	26.42 1.50 0.00	25.89 1.50 0.00	28.96 1.57 -0.32	28.57 1.54 -0.29	29.60 1.65 -0.41	33.20 1.71 -0.40	32.80 1.74 -0.01	32.77 1.66 0.00	36.91 2.05 0.00	29.64 1.52 0.00	29.93 1.52 0.00	27.20 1.33 0.00	20.69 0.96 0.00	20.50 0.88 0.00
CPV_VALLEY___CC2 323722	19.27 0.87 0.00	17.09 0.49 -6.47	14.81 0.01 -14.60	14.68 0.22 -10.20	15.44 -0.11 -17.82	17.91 0.29 -12.09	27.30 1.40 0.00	23.69 1.24 0.00	24.76 1.25 0.00	21.17 1.09 0.00	26.42 1.50 0.00	25.89 1.50 0.00	28.96 1.57 -0.32	28.57 1.54 -0.29	29.60 1.65 -0.41	33.20 1.71 -0.40	32.80 1.74 -0.01	32.77 1.66 0.00	36.91 2.05 0.00	29.64 1.52 0.00	29.93 1.52 0.00	27.20 1.33 0.00	20.69 0.96 0.00	20.50 0.88 0.00
CRESCENT___HYD 24018	19.16 0.76 0.00	20.13 0.45 -9.56	21.78 0.01 -21.57	19.52 0.20 -15.07	23.96 -0.10 -26.33	23.66 0.27 -17.86	27.17 1.27 0.00	23.54 1.09 0.00	24.64 1.13 0.00	20.94 0.86 0.00	26.01 1.09 0.00	25.46 1.07 0.00	27.59 1.11 0.59	27.29 1.07 0.52	27.98 1.20 0.75	31.54 1.20 0.74	32.28 1.26 0.02	32.33 1.21 0.00	36.51 1.65 0.00	29.23 1.11 0.00	29.51 1.09 0.00	26.77 0.90 0.00	20.36 0.63 0.00	20.20 0.58 0.00
CRICKET___VALLEY_CC1 323756	19.23 0.84 0.00	18.79 0.52 -8.15	18.60 0.01 -18.38	17.33 0.23 -12.84	20.07 -0.12 -22.44	21.04 0.28 -15.23	27.29 1.39 0.00	23.65 1.20 0.00	24.75 1.24 0.00	21.12 1.04 0.00	26.24 1.32 0.00	25.68 1.29 0.00	20.88 1.32 7.52	21.31 1.29 6.73	19.26 1.40 9.67	23.07 1.40 9.41	32.22 1.46 0.28	32.51 1.39 0.00	36.79 1.93 0.00	29.47 1.35 0.00	29.74 1.32 0.00	26.97 1.11 0.00	20.52 0.78 0.00	20.32 0.70 0.00
CRICKET___VALLEY_CC2 323757	19.23 0.84 0.00	18.79 0.52 -8.15	18.60 0.01 -18.38	17.33 0.23 -12.84	20.07 -0.12 -22.44	21.04 0.28 -15.23	27.29 1.39 0.00	23.65 1.20 0.00	24.75 1.24 0.00	21.12 1.04 0.00	26.24 1.32 0.00	25.68 1.29 0.00	20.88 1.32 7.52	21.31 1.29 6.73	19.26 1.40 9.67	23.07 1.40 9.41	32.22 1.46 0.28	32.51 1.39 0.00	36.79 1.93 0.00	29.47 1.35 0.00	29.74 1.32 0.00	26.97 1.11 0.00	20.52 0.78 0.00	20.32 0.70 0.00
CRICKET___VALLEY_CC3 323758	19.23 0.84 0.00	18.79 0.52 -8.15	18.60 0.01 -18.38	17.33 0.23 -12.84	20.07 -0.12 -22.44	21.04 0.28 -15.23	27.29 1.39 0.00	23.65 1.20 0.00	24.75 1.24 0.00	21.12 1.04 0.00	26.24 1.32 0.00	25.68 1.29 0.00	20.88 1.32 7.52	21.31 1.29 6.73	19.26 1.40 9.67	23.07 1.40 9.41	32.22 1.46 0.28	32.51 1.39 0.00	36.79 1.93 0.00	29.47 1.35 0.00	29.74 1.32 0.00	26.97 1.11 0.00	20.52 0.78 0.00	20.32 0.70 0.00
CRUCIBLE_METL_DRP 24180	18.49 0.09 0.00	11.95 0.04 -1.78	4.23 0.00 -4.02	7.10 0.03 -2.81	2.64 -0.02 -4.91	8.89 0.04 -3.33	26.11 0.21 0.00	22.60 0.15 0.00	23.66 0.15 0.00	20.25 0.17 0.00	25.17 0.24 0.00	24.61 0.22 0.00	27.28 0.20 0.00	26.99 0.24 0.00	27.79 0.26 0.00	31.34 0.26 0.00	31.30 0.25 0.00	31.35 0.23 0.00	35.16 0.30 0.00	28.37 0.25 0.00	28.65 0.22 0.00	26.12 0.25 0.00	19.92 0.19 0.00	19.81 0.20 0.00
DAHOWA___HYDRO 323763	19.35 0.96 0.00	20.31 0.54 -9.65	21.98 0.01 -21.76	19.71 0.24 -15.20	24.16 -0.14 -26.57	23.93 0.38 -18.03	27.70 1.81 0.00	24.02 1.57 0.00	25.15 1.64 0.00	21.37 1.29 0.00	26.55 1.63 0.00	25.92 1.53 0.00	28.26 1.66 0.47	27.90 1.58 0.42	28.71 1.79 0.61	32.40 1.91 0.60	32.91 1.88 0.02	32.95 1.83 0.00	37.26 2.39 0.00	29.81 1.69 0.00	30.05 1.63 0.00	27.23 1.37 0.00	20.65 0.92 0.00	20.48 0.86 0.00
DANC___LFGE 323619	17.71 -0.69 0.00	10.85 -0.43 -1.15	2.96 -0.01 -2.76	6.65 -0.19 -2.57	1.58 0.10 -3.75	8.26 -0.21 -2.95	26.41 -0.87 -1.38	18.49 -0.75 3.21	24.18 -0.65 -1.32	20.53 -0.55 -1.01	25.54 -0.74 -1.37	25.11 -0.69 -1.41	27.97 -0.58 -1.48	26.81 -0.42 -0.48	26.61 -0.92 0.00	30.52 -0.57 0.00	30.68 -0.37 0.00	30.84 -0.28 0.00	34.44 -0.43 0.00	27.65 -0.47 0.00	28.00 -0.42 0.00	25.40 -0.46 0.00	19.68 -0.28 -0.23	19.24 -0.38 0.00
DANSKAMMER___1 23586	19.58 1.19 0.00	18.52 0.68 -7.72	17.62 0.01 -17.40	16.71 0.29 -12.16	18.83 -0.15 -21.25	20.34 0.39 -14.42	27.83 1.93 0.00	24.16 1.71 0.00	25.25 1.74 0.00	21.56 1.48 0.00	26.86 1.94 0.00	26.31 1.92 0.00	29.47 2.05 -0.35	29.04 1.98 -0.31	30.12 2.14 -0.45	33.78 2.26 -0.44	33.37 2.31 -0.01	33.32 2.20 0.00	37.61 2.75 0.00	30.16 2.04 0.00	30.45 2.03 0.00	27.61 1.75 0.00	20.99 1.26 0.00	20.79 1.17 0.00
DANSKAMMER___2 23589	19.58 1.19 0.00	18.52 0.68 -7.72	17.62 0.01 -17.40	16.71 0.29 -12.16	18.83 -0.15 -21.25	20.34 0.39 -14.42	27.83 1.93 0.00	24.16 1.71 0.00	25.25 1.74 0.00	21.56 1.48 0.00	26.86 1.94 0.00	26.31 1.92 0.00	29.47 2.05 -0.35	29.04 1.98 -0.31	30.12 2.14 -0.45	33.78 2.26 -0.44	33.37 2.31 -0.01	33.32 2.20 0.00	37.61 2.75 0.00	30.16 2.04 0.00	30.45 2.03 0.00	27.61 1.75 0.00	20.99 1.26 0.00	20.79 1.17 0.00
DANSKAMMER___3 23590	19.58 1.19 0.00	18.52 0.68 -7.72	17.62 0.01 -17.40	16.71 0.29 -12.16	18.83 -0.15 -21.25	20.34 0.39 -14.42	27.83 1.93 0.00	24.16 1.71 0.00	25.25 1.74 0.00	21.56 1.48 0.00	26.86 1.94 0.00	26.31 1.92 0.00	29.47 2.05 -0.35	29.04 1.98 -0.31	30.12 2.14 -0.45	33.78 2.26 -0.44	33.37 2.31 -0.01	33.32 2.20 0.00	37.61 2.75 0.00	30.16 2.04 0.00	30.45 2.03 0.00	27.61 1.75 0.00	20.99 1.26 0.00	20.79 1.17 0.00
DANSKAMMER___4 23591	19.58 1.19 0.00	18.52 0.68 -7.72	17.62 0.01 -17.40	16.71 0.29 -12.16	18.83 -0.15 -21.25	20.34 0.39 -14.42	27.83 1.93 0.00	24.16 1.71 0.00	25.25 1.74 0.00	21.56 1.48 0.00	26.86 1.94 0.00	26.31 1.92 0.00	29.47 2.05 -0.35	29.04 1.98 -0.31	30.12 2.14 -0.45	33.78 2.26 -0.44	33.37 2.31 -0.01	33.32 2.20 0.00	37.61 2.75 0.00	30.16 2.04 0.00	30.45 2.03 0.00	27.61 1.75 0.00	20.99 1.26 0.00	20.79 1.17 0.00
DANSKAMMER___DIESEL 23592	19.58 1.19 0.00	18.52 0.68 -7.72	17.62 0.01 -17.40	16.71 0.29 -12.16	18.83 -0.15 -21.25	20.34 0.39 -14.42	27.83 1.93 0.00	24.16 1.71 0.00	25.25 1.74 0.00	21.56 1.47 0.00	26.85 1.93 0.00	26.30 1.91 0.00	29.46 2.04 -0.35	29.04 1.98 -0.31	30.12 2.14 -0.45	33.78 2.26 -0.44	33.37 2.31 -0.01	33.32 2.20 0.00	37.61 2.75 0.00	30.16 2.04 0.00	30.45 2.03 0.00	27.61 1.75 0.00	20.99 1.26 0.00	20.79 1.17 0.00

DARBY___SOLAR 323810	19.32 0.93 0.00	20.28 0.52 -9.64	21.96 0.01 -21.74	19.68 0.23 -15.19	24.15 -0.13 -26.54	23.89 0.36 -18.01	27.61 1.71 0.00	23.94 1.49 0.00	25.06 1.56 0.00	21.29 1.21 0.00	26.44 1.52 0.00	25.82 1.42 0.00	28.15 1.57 0.49	27.78 1.47 0.44	28.58 1.68 0.62	32.27 1.80 0.61	32.83 1.80 0.02	32.88 1.76 0.00	37.14 2.28 0.00	29.72 1.60 0.00	29.98 1.56 0.00	27.17 1.31 0.00	20.61 0.88 0.00	20.45 0.83 0.00
DASHVILLE___HYD 23610	19.42 1.02 0.00	18.59 0.58 -7.90	18.03 0.01 -17.81	16.95 0.25 -12.44	19.35 -0.13 -21.74	20.62 0.34 -14.75	27.53 1.64 0.00	23.92 1.47 0.00	24.96 1.45 0.00	21.34 1.25 0.00	26.55 1.63 0.00	25.99 1.60 0.00	29.02 1.78 -0.16	28.64 1.75 -0.14	29.59 1.86 -0.20	33.21 1.93 -0.20	32.96 1.91 -0.01	33.04 1.92 0.00	37.30 2.43 0.00	29.89 1.78 0.00	30.18 1.76 0.00	27.39 1.52 0.00	20.84 1.11 0.00	20.64 1.02 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	20.22 1.82 0.00	18.91 1.00 -7.79	17.78 0.02 -17.56	16.93 0.41 -12.27	18.97 -0.21 -21.44	20.61 0.54 -14.54	28.22 2.32 0.00	24.83 2.38 0.00	25.83 2.32 0.00	21.96 1.88 0.00	27.88 2.96 0.00	27.59 3.20 0.00	30.92 3.37 -0.48	32.41 3.33 -2.33	33.30 3.62 -2.15	35.52 3.84 -0.60	34.94 3.87 -0.02	34.87 3.74 0.00	51.28 4.68 -11.73	31.72 3.60 0.00	31.90 3.48 0.00	39.26 3.05 -10.35	22.68 2.16 -0.79	26.91 2.06 -5.23
DELAWARE___LFGE 323621	19.03 0.63 0.00	15.20 0.36 -4.72	10.87 0.01 -10.65	11.87 0.17 -7.44	10.65 -0.09 -13.00	14.56 0.21 -8.82	26.95 1.05 0.00	23.35 0.90 0.00	24.45 0.94 0.00	20.93 0.84 0.00	26.06 1.14 0.00	25.51 1.12 0.00	28.24 1.17 0.00	27.90 1.15 0.00	28.77 1.24 0.00	32.37 1.29 0.00	32.36 1.31 0.00	32.35 1.23 0.00	36.34 1.47 0.00	29.25 1.14 0.00	29.56 1.14 0.00	26.85 0.98 0.00	20.43 0.70 0.00	20.27 0.65 0.00
DERFIELD_115KV_TB7 355931	18.43 0.04 0.00	10.34 0.02 -0.19	0.64 0.00 -0.44	4.58 0.01 -0.30	-1.74 -0.01 -0.53	5.90 0.02 -0.36	26.01 0.11 0.00	23.80 0.11 -1.25	23.61 0.10 0.00	20.16 0.08 0.00	25.02 0.10 0.00	24.50 0.11 0.00	27.18 0.11 0.00	26.86 0.11 0.00	27.63 0.10 0.00	31.20 0.12 0.00	31.18 0.13 0.00	31.27 0.15 0.00	35.07 0.20 0.00	28.23 0.11 0.00	28.53 0.11 0.00	25.97 0.10 0.00	19.81 0.08 0.00	19.68 0.06 0.00
DOGLEVILLE___HYD 23807	18.91 0.52 0.00	10.60 0.28 -0.19	0.65 0.01 -0.44	4.70 0.13 -0.30	-1.81 -0.08 -0.53	6.06 0.18 -0.36	26.85 0.95 0.00	24.68 0.98 -1.25	24.35 0.85 0.00	20.53 0.45 0.00	25.37 0.45 0.00	25.17 0.78 0.00	27.46 0.39 0.00	27.04 0.29 0.00	28.02 0.49 0.00	31.70 0.62 0.00	31.64 0.59 0.00	32.15 1.03 0.00	36.39 1.53 0.00	29.00 0.88 0.00	29.15 0.73 0.00	26.52 0.65 0.00	20.21 0.48 0.00	20.07 0.45 0.00
DUNKIRK___115KV_TB_200 55889	18.00 -0.39 0.00	12.16 -0.25 -2.28	5.35 0.00 -5.14	7.81 -0.04 -3.59	4.03 0.01 -6.28	9.74 -0.04 -4.26	25.67 -0.23 0.00	21.93 -0.52 0.00	23.26 -0.25 0.00	20.42 0.33 0.00	25.66 0.74 0.00	25.16 0.76 0.00	27.83 0.76 0.00	27.55 0.80 0.00	28.25 0.72 0.00	31.87 0.79 0.00	31.60 0.56 0.00	31.42 0.30 0.00	35.00 0.14 0.00	28.59 0.47 0.00	28.89 0.47 0.00	26.42 0.55 0.00	19.98 0.24 0.00	19.95 0.32 0.00
DUNKIRK___1 23563	18.00 -0.39 0.00	12.16 -0.25 -2.28	5.35 0.00 -5.14	7.81 -0.04 -3.59	4.03 0.01 -6.28	9.74 -0.04 -4.26	25.67 -0.23 0.00	21.93 -0.52 0.00	23.26 -0.25 0.00	20.42 0.33 0.00	25.66 0.74 0.00	25.16 0.76 0.00	27.83 0.76 0.00	27.55 0.80 0.00	28.25 0.72 0.00	31.87 0.79 0.00	31.60 0.56 0.00	31.42 0.30 0.00	35.00 0.14 0.00	28.59 0.47 0.00	28.89 0.47 0.00	26.42 0.55 0.00	19.98 0.24 0.00	19.95 0.32 0.00
DUNKIRK___2 23564	18.00 -0.39 0.00	12.16 -0.25 -2.28	5.35 0.00 -5.14	7.81 -0.04 -3.59	4.03 0.01 -6.28	9.74 -0.04 -4.26	25.67 -0.23 0.00	21.93 -0.52 0.00	23.26 -0.25 0.00	20.42 0.33 0.00	25.66 0.74 0.00	25.16 0.76 0.00	27.83 0.76 0.00	27.55 0.80 0.00	28.25 0.72 0.00	31.87 0.79 0.00	31.60 0.56 0.00	31.42 0.30 0.00	35.00 0.14 0.00	28.59 0.47 0.00	28.89 0.47 0.00	26.42 0.55 0.00	19.98 0.24 0.00	19.95 0.32 0.00
DUNKIRK___3 23565	18.07 -0.32 0.00	12.20 -0.20 -2.28	5.35 0.00 -5.14	7.83 -0.03 -3.59	4.03 0.01 -6.28	9.75 -0.04 -4.26	25.72 -0.18 0.00	21.98 -0.47 0.00	23.30 -0.21 0.00	20.42 0.34 0.00	25.66 0.74 0.00	25.14 0.75 0.00	27.81 0.73 0.00	27.51 0.77 0.00	28.22 0.69 0.00	31.85 0.77 0.00	31.58 0.53 0.00	31.38 0.26 0.00	34.97 0.10 0.00	28.55 0.43 0.00	28.87 0.45 0.00	26.41 0.54 0.00	19.98 0.25 0.00	19.96 0.34 0.00
DUNKIRK___4 23566	18.00 -0.40 0.00	12.12 -0.25 -2.25	5.29 0.00 -5.09	7.76 -0.05 -3.55	3.96 0.02 -6.21	9.68 -0.05 -4.21	25.62 -0.27 0.00	21.89 -0.56 0.00	23.20 -0.31 0.00	20.37 0.29 0.00	25.60 0.69 0.00	25.09 0.70 0.00	27.75 0.68 0.00	27.45 0.70 0.00	28.15 0.62 0.00	31.78 0.70 0.00	31.50 0.45 0.00	31.33 0.21 0.00	34.91 0.04 0.00	28.52 0.40 0.00	28.84 0.42 0.00	26.38 0.51 0.00	19.96 0.23 0.00	19.94 0.32 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.56 1.17 0.00	18.57 0.67 -7.79	17.78 0.01 -17.56	16.82 0.29 -12.27	19.03 -0.15 -21.44	20.45 0.37 -14.55	27.73 1.84 0.00	24.09 1.64 0.00	25.18 1.67 0.00	21.52 1.44 0.00	26.90 1.98 0.00	26.39 2.00 0.00	29.66 2.11 -0.48	29.25 2.07 -0.43	30.35 2.21 -0.62	33.96 2.27 -0.60	33.35 2.29 -0.02	33.32 2.20 0.00	37.62 2.76 0.00	30.15 2.03 0.00	30.43 2.01 0.00	27.63 1.76 0.00	21.02 1.29 0.00	20.82 1.20 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.43 1.03 0.00	18.04 0.58 -7.34	16.78 0.01 -16.56	16.09 0.26 -11.57	17.82 -0.13 -20.21	19.58 0.34 -13.71	27.56 1.67 0.00	23.93 1.48 0.00	25.00 1.49 0.00	21.36 1.28 0.00	26.63 1.71 0.00	26.09 1.70 0.00	29.21 1.80 -0.34	28.81 1.75 -0.30	29.86 1.89 -0.43	33.49 1.99 -0.42	33.09 2.03 -0.01	33.11 1.99 0.00	37.34 2.47 0.00	29.97 1.85 0.00	30.25 1.83 0.00	27.46 1.60 0.00	20.89 1.15 0.00	20.68 1.06 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.60 1.20 0.00	18.60 0.70 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.47 0.39 -14.55	27.75 1.86 0.00	24.12 1.67 0.00	25.20 1.69 0.00	21.53 1.45 0.00	26.93 2.01 0.00	26.40 2.01 0.00	29.66 2.11 -0.48	29.27 2.09 -0.43	30.36 2.21 -0.62	33.94 2.26 -0.60	33.31 2.24 -0.02	33.30 2.18 0.00	37.58 2.72 0.00	30.17 2.05 0.00	30.46 2.04 0.00	27.68 1.82 0.00	21.07 1.33 0.00	20.85 1.23 0.00
E179THST_13_KV_LOAD 356214	19.67 1.27 0.00	18.64 0.74 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.41 -14.55	27.86 1.96 0.00	24.21 1.76 0.00	25.30 1.79 0.00	21.63 1.55 0.00	27.05 2.13 0.00	26.52 2.13 0.00	29.79 2.24 -0.48	29.41 2.23 -0.43	30.49 2.34 -0.62	34.09 2.41 -0.60	33.47 2.40 -0.02	33.46 2.34 0.00	37.76 2.89 0.00	30.32 2.20 0.00	30.60 2.18 0.00	27.80 1.94 0.00	21.15 1.42 0.00	20.93 1.31 0.00

EAST HAMPTON___GT 23717	20.37 1.97 0.00	18.99 1.09 -7.79	17.78 0.02 -17.56	16.97 0.44 -12.27	18.95 -0.23 -21.44	20.68 0.62 -14.54	28.51 2.62 0.00	25.09 2.64 0.00	26.12 2.61 0.00	22.20 2.12 0.00	28.17 3.25 0.00	27.88 3.49 0.00	31.25 3.71 -0.48	32.77 3.69 -2.33	33.66 3.98 -2.15	35.90 4.21 -0.60	35.35 4.28 -0.02	35.20 4.08 0.00	51.68 5.07 -11.74	32.11 4.00 0.00	32.28 3.86 0.00	39.60 3.39 -10.35	22.89 2.36 -0.79	27.09 2.23 -5.24
EAST RIVER___6 23660	19.74 1.35 0.00	18.67 0.76 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.17 -21.44	20.50 0.43 -14.55	27.98 2.08 0.00	24.34 1.88 0.00	25.43 1.92 0.00	21.75 1.66 0.00	27.20 2.28 0.00	26.69 2.30 0.00	30.00 2.44 -0.48	29.58 2.41 -0.43	30.69 2.55 -0.62	34.34 2.66 -0.60	33.74 2.67 -0.02	33.69 2.58 0.00	38.04 3.17 0.00	30.46 2.34 0.00	30.73 2.31 0.00	27.88 2.02 0.00	21.22 1.49 0.00	21.01 1.38 0.00
EAST RIVER___7 23524	19.74 1.35 0.00	18.67 0.76 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.17 -21.44	20.50 0.43 -14.55	27.98 2.08 0.00	24.34 1.88 0.00	25.43 1.92 0.00	21.75 1.66 0.00	27.20 2.28 0.00	26.69 2.30 0.00	30.00 2.44 -0.48	29.58 2.41 -0.43	30.69 2.55 -0.62	34.34 2.66 -0.60	33.74 2.67 -0.02	33.69 2.58 0.00	38.04 3.17 0.00	30.46 2.34 0.00	30.73 2.31 0.00	27.88 2.02 0.00	21.22 1.49 0.00	21.01 1.38 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.53 1.13 0.00	18.54 0.65 -7.78	17.75 0.01 -17.54	16.79 0.28 -12.25	19.01 -0.14 -21.41	20.42 0.36 -14.53	27.68 1.79 0.00	24.05 1.60 0.00	25.13 1.62 0.00	21.48 1.40 0.00	26.83 1.91 0.00	26.32 1.93 0.00	29.59 2.04 -0.48	29.17 2.00 -0.43	30.27 2.13 -0.62	33.87 2.19 -0.60	33.28 2.22 -0.02	33.25 2.13 0.00	37.53 2.67 0.00	30.09 1.97 0.00	30.37 1.95 0.00	27.56 1.69 0.00	20.96 1.23 0.00	20.76 1.14 0.00
EAST_HAMPTON___DIESEL 23722	20.37 1.97 0.00	18.99 1.09 -7.79	17.78 0.02 -17.56	16.97 0.44 -12.27	18.95 -0.23 -21.44	20.69 0.62 -14.54	28.51 2.62 0.00	25.09 2.64 0.00	26.13 2.62 0.00	22.21 2.13 0.00	28.17 3.25 0.00	27.89 3.50 0.00	31.26 3.71 -0.48	32.77 3.69 -2.33	33.66 3.98 -2.15	35.90 4.22 -0.60	35.35 4.29 -0.02	35.20 4.08 0.00	51.68 5.07 -11.74	32.12 4.00 0.00	32.29 3.87 0.00	39.61 3.40 -10.35	22.89 2.36 -0.79	27.09 2.23 -5.24
EAST_PULASKI___ESR 323781	17.97 -0.43 0.00	11.18 -0.26 -1.31	3.16 0.00 -2.96	6.22 -0.11 -2.07	1.41 0.05 -3.61	7.85 -0.13 -2.45	25.36 -0.53 0.00	19.77 -0.47 2.21	23.07 -0.44 0.00	19.71 -0.37 0.00	24.43 -0.49 0.00	23.90 -0.49 0.00	26.57 -0.50 0.00	26.32 -0.42 0.00	26.91 -0.62 0.00	30.54 -0.55 0.00	30.60 -0.45 0.00	30.71 -0.42 0.00	34.38 -0.49 0.00	27.68 -0.43 0.00	28.00 -0.42 0.00	25.50 -0.36 0.00	19.51 -0.21 0.00	19.37 -0.25 0.00
EAST_RIVER___1 323558	19.68 1.28 0.00	18.64 0.73 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.41 -14.55	27.90 2.00 0.00	24.26 1.81 0.00	25.35 1.84 0.00	21.67 1.59 0.00	27.11 2.19 0.00	26.60 2.21 0.00	29.89 2.34 -0.48	29.47 2.29 -0.43	30.58 2.43 -0.62	34.21 2.53 -0.60	33.60 2.54 -0.02	33.55 2.44 0.00	37.89 3.02 0.00	30.35 2.23 0.00	30.63 2.21 0.00	27.80 1.94 0.00	21.15 1.42 0.00	20.94 1.32 0.00
EAST_RIVER___2 323559	19.74 1.35 0.00	18.67 0.76 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.17 -21.44	20.50 0.43 -14.55	27.98 2.08 0.00	24.34 1.88 0.00	25.43 1.92 0.00	21.75 1.66 0.00	27.20 2.28 0.00	26.69 2.30 0.00	30.00 2.44 -0.48	29.58 2.41 -0.43	30.69 2.55 -0.62	34.34 2.66 -0.60	33.74 2.67 -0.02	33.69 2.58 0.00	38.04 3.17 0.00	30.46 2.34 0.00	30.73 2.31 0.00	27.88 2.02 0.00	21.22 1.49 0.00	21.01 1.38 0.00
EAST___DELAWARE_HYD 23607	19.75 1.35 0.00	17.65 0.74 -6.79	15.54 0.02 -15.32	15.28 0.32 -10.70	16.27 -0.17 -18.70	18.64 0.43 -12.69	27.90 2.01 0.00	24.31 1.86 0.00	25.28 1.77 0.00	21.53 1.45 0.00	26.70 1.78 0.00	26.19 1.79 0.00	29.20 1.90 -0.23	28.71 1.76 -0.20	29.69 1.87 -0.29	33.46 2.09 -0.28	33.30 2.25 -0.01	33.60 2.48 0.00	37.87 3.01 0.00	30.28 2.16 0.00	30.56 2.13 0.00	27.73 1.86 0.00	21.18 1.45 0.00	20.98 1.36 0.00
EIGHT_POINT___WT_PWR 323820	17.41 -0.98 0.00	12.16 -0.52 -2.56	5.98 -0.01 -5.78	8.13 -0.17 -4.04	4.88 0.09 -7.06	10.13 -0.18 -4.79	25.34 -0.56 0.00	21.90 -0.55 0.00	22.96 -0.55 0.00	19.94 -0.14 0.00	25.41 0.49 0.00	24.73 0.34 0.00	27.39 0.32 0.00	27.29 0.55 0.00	27.92 0.39 0.00	31.87 0.79 0.00	31.59 0.54 0.00	31.56 0.44 0.00	35.24 0.37 0.00	28.34 0.23 0.00	28.57 0.15 0.00	26.06 0.20 0.00	19.66 -0.07 0.00	19.53 -0.09 0.00
ELBRIDGE_115KV_TB2 80188	18.46 0.06 0.00	12.01 0.02 -1.87	4.42 0.00 -4.22	7.24 0.03 -2.95	2.87 -0.02 -5.15	9.05 0.04 -3.49	26.15 0.25 0.00	22.59 0.14 0.00	23.70 0.19 0.00	20.30 0.22 0.00	25.25 0.33 0.00	24.69 0.29 0.00	27.36 0.28 0.00	27.04 0.29 0.00	27.85 0.32 0.00	31.43 0.35 0.00	31.37 0.32 0.00	31.37 0.25 0.00	35.18 0.31 0.00	28.44 0.32 0.00	28.71 0.29 0.00	26.18 0.31 0.00	19.93 0.19 0.00	19.82 0.20 0.00
ELEC_TRO_TEK 24086	19.75 1.36 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.32 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.87 1.97 0.00	24.23 1.78 0.00	25.28 1.77 0.00	21.55 1.47 0.00	27.13 2.22 0.00	26.72 2.33 0.00	30.04 2.49 -0.48	31.54 2.46 -2.33	32.28 2.61 -2.15	34.27 2.59 -0.60	33.63 2.56 -0.02	33.63 2.51 0.00	49.78 3.18 -11.73	30.49 2.37 0.00	30.76 2.34 0.00	38.27 2.05 -10.35	22.04 1.52 -0.79	26.29 1.44 -5.23
ELLENBURG_WT_PWR 323604	18.40 0.01 0.00	10.00 -0.13 0.00	-5.20 -0.01 5.39	-21.01 -0.24 25.03	-21.00 0.13 18.87	-21.01 -0.28 26.25	-21.05 -1.40 45.55	-18.38 -1.19 39.64	-21.10 -1.23 43.38	-14.02 -1.02 33.08	-21.53 -1.42 45.03	-23.56 -1.46 46.49	-22.66 -1.60 48.13	9.99 -1.45 15.31	26.61 -0.92 0.00	30.53 -0.55 0.00	30.58 -0.47 0.00	30.45 -0.67 0.00	34.12 -0.75 0.00	27.23 -0.89 0.00	27.31 -1.11 0.00	24.87 -1.00 0.00	12.28 -0.68 6.77	19.22 -0.40 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.85 -0.55 0.00	12.00 -0.33 -2.21	5.18 -0.01 -4.97	7.64 -0.10 -3.48	3.85 0.04 -6.08	9.53 -0.12 -4.12	25.26 -0.64 0.00	21.57 -0.88 0.00	22.82 -0.69 0.00	20.08 -0.01 0.00	25.25 0.33 0.00	24.71 0.31 0.00	27.29 0.22 0.00	26.96 0.22 0.00	27.62 0.09 0.00	31.21 0.12 0.00	30.89 -0.15 0.00	30.77 -0.35 0.00	34.28 -0.58 0.00	28.05 -0.07 0.00	28.42 0.00 0.00	26.04 0.17 0.00	19.76 0.02 0.00	19.77 0.15 0.00
EMPIRE_CC_1 323656	19.09 0.69 0.00	19.66 0.42 -9.12	20.78 0.01 -20.56	18.81 0.18 -14.37	22.75 -0.10 -25.11	22.80 0.24 -17.03	27.05 1.15 0.00	23.43 0.98 0.00	24.53 1.02 0.00	20.86 0.77 0.00	25.88 0.96 0.00	25.33 0.94 0.00	27.02 0.95 1.01	26.76 0.92 0.90	27.25 1.02 1.30	30.79 0.98 1.26	32.10 1.09 0.04	32.13 1.01 0.00	36.41 1.54 0.00	29.11 0.99 0.00	29.39 0.97 0.00	26.67 0.81 0.00	20.31 0.58 0.00	20.15 0.53 0.00

EMPIRE_CC_2 323658	19.09 0.69 0.00	19.66 0.42 -9.12	20.78 0.01 -20.56	18.81 0.18 -14.37	22.75 -0.10 -25.11	22.80 0.24 -17.03	27.05 1.15 0.00	23.43 0.98 0.00	24.53 1.02 0.00	20.86 0.77 0.00	25.88 0.96 0.00	25.33 0.94 0.00	27.02 0.95 1.01	26.76 0.92 0.90	27.25 1.02 1.30	30.79 0.98 1.26	32.10 1.09 0.04	32.13 1.01 0.00	36.41 1.54 0.00	29.11 0.99 0.00	29.39 0.97 0.00	26.67 0.81 0.00	20.31 0.58 0.00	20.15 0.53 0.00
ENORWICH_115KV_TB1 80156	19.16 0.76 0.00	14.01 0.40 -3.49	8.10 0.01 -7.88	9.95 0.19 -5.50	7.25 -0.11 -9.62	12.36 0.31 -6.53	27.58 1.68 0.00	24.01 1.56 0.00	25.04 1.53 0.00	21.47 1.39 0.00	26.88 1.96 0.00	26.22 1.83 0.00	28.92 1.85 0.00	28.53 1.79 0.00	29.48 1.95 0.00	33.29 2.21 0.00	33.51 2.46 0.00	33.81 2.69 0.00	37.84 2.98 0.00	30.40 2.28 0.00	30.54 2.12 0.00	27.61 1.74 0.00	21.02 1.29 0.00	20.87 1.25 0.00
ERIE_ST__34_KV_TB1-2 80199	18.25 -0.14 0.00	12.24 -0.12 -2.24	5.26 0.00 -5.06	7.77 -0.02 -3.53	3.90 -0.01 -6.17	9.71 0.00 -4.19	25.83 -0.07 0.00	22.14 -0.31 0.00	23.40 -0.11 0.00	20.55 0.47 0.00	25.84 0.92 0.00	25.28 0.89 0.00	27.94 0.87 0.00	27.61 0.86 0.00	28.30 0.77 0.00	31.97 0.88 0.00	31.66 0.61 0.00	31.53 0.40 0.00	35.17 0.30 0.00	28.73 0.61 0.00	29.09 0.67 0.00	26.63 0.76 0.00	20.20 0.47 0.00	20.19 0.56 0.00
ERIE_WT_PWR 323693	17.95 -0.44 0.00	12.08 -0.27 -2.23	5.23 0.00 -5.03	7.70 -0.07 -3.51	3.90 0.02 -6.14	9.61 -0.08 -4.17	25.44 -0.46 0.00	21.74 -0.71 0.00	23.01 -0.50 0.00	20.23 0.15 0.00	25.44 0.52 0.00	24.89 0.50 0.00	27.49 0.42 0.00	27.15 0.40 0.00	27.82 0.30 0.00	31.44 0.36 0.00	31.14 0.09 0.00	31.04 -0.08 0.00	34.60 -0.27 0.00	28.30 0.18 0.00	28.66 0.24 0.00	26.26 0.40 0.00	19.91 0.18 0.00	19.92 0.30 0.00
ESPRGFLD_115KV_TB1 80157	19.20 0.81 0.00	15.34 0.45 -4.77	10.97 0.01 -10.76	11.98 0.21 -7.51	10.75 -0.11 -13.13	14.71 0.27 -8.91	27.29 1.40 0.00	23.69 1.24 0.00	24.78 1.27 0.00	21.23 1.15 0.00	26.45 1.53 0.00	25.90 1.51 0.00	28.65 1.57 0.00	28.29 1.55 0.00	29.19 1.66 0.00	32.85 1.76 0.00	32.87 1.82 0.00	32.90 1.78 0.00	36.96 2.09 0.00	29.73 1.61 0.00	30.00 1.58 0.00	27.22 1.36 0.00	20.70 0.97 0.00	20.51 0.89 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.79 0.39 0.00	13.05 0.21 -2.72	6.34 0.00 -6.13	8.65 0.11 -4.28	5.17 -0.06 -7.48	10.75 0.15 -5.08	26.69 0.80 0.00	23.17 0.72 0.00	24.26 0.75 0.00	20.78 0.69 0.00	25.87 0.95 0.00	25.23 0.84 0.00	27.86 0.79 0.00	27.61 0.86 0.00	28.46 0.93 0.00	32.10 1.02 0.00	32.13 1.08 0.00	32.23 1.11 0.00	36.16 1.29 0.00	29.13 1.02 0.00	29.38 0.97 0.00	26.73 0.87 0.00	20.34 0.61 0.00	20.22 0.60 0.00
ETNA_____115KV_TB2 80207	18.79 0.39 0.00	13.05 0.21 -2.72	6.34 0.00 -6.13	8.65 0.11 -4.28	5.17 -0.06 -7.48	10.75 0.15 -5.08	26.69 0.80 0.00	23.17 0.72 0.00	24.26 0.75 0.00	20.78 0.69 0.00	25.87 0.95 0.00	25.23 0.84 0.00	27.86 0.79 0.00	27.61 0.86 0.00	28.46 0.93 0.00	32.10 1.02 0.00	32.13 1.08 0.00	32.23 1.11 0.00	36.16 1.29 0.00	29.13 1.02 0.00	29.38 0.97 0.00	26.73 0.87 0.00	20.34 0.61 0.00	20.22 0.60 0.00
EUCLID__115KV_TB2 356179	18.20 -0.20 0.00	11.62 -0.11 -1.61	3.83 0.00 -3.63	6.76 -0.03 -2.53	2.18 0.02 -4.43	8.48 -0.05 -3.00	25.69 -0.20 0.00	21.93 -0.20 0.32	23.31 -0.21 0.00	19.95 -0.13 0.00	24.77 -0.15 0.00	24.23 -0.16 0.00	26.87 -0.20 0.00	26.58 -0.17 0.00	27.34 -0.19 0.00	30.85 -0.24 0.00	30.80 -0.25 0.00	30.84 -0.28 0.00	34.57 -0.29 0.00	27.90 -0.22 0.00	28.19 -0.23 0.00	25.71 -0.16 0.00	19.63 -0.10 0.00	19.53 -0.08 0.00
E_CANADA_CAP_HY 24051	18.85 0.46 0.00	20.03 0.19 -9.72	22.13 0.00 -21.92	19.65 0.08 -15.32	24.45 -0.05 -26.76	23.85 0.16 -18.16	26.74 0.84 0.00	23.18 0.74 0.00	24.27 0.76 0.00	20.74 0.66 0.00	25.77 0.85 0.00	25.02 0.63 0.00	27.73 1.03 0.37	27.32 0.90 0.33	27.85 0.79 0.47	31.60 0.98 0.46	32.00 0.97 0.01	32.24 1.11 0.00	35.82 0.96 0.00	29.06 0.94 0.00	29.49 1.07 0.00	26.99 1.12 0.00	20.58 0.85 0.00	20.42 0.80 0.00
E_CANADA_MHWK_HY 24050	18.91 0.52 0.00	10.60 0.28 -0.19	0.65 0.01 -0.44	4.70 0.13 -0.30	-1.81 -0.08 -0.53	6.06 0.18 -0.36	26.85 0.95 0.00	24.68 0.98 -1.25	24.35 0.85 0.00	20.53 0.45 0.00	25.37 0.45 0.00	25.17 0.78 0.00	27.46 0.39 0.00	27.04 0.29 0.00	28.02 0.49 0.00	31.70 0.62 0.00	31.64 0.59 0.00	32.15 1.03 0.00	36.39 1.53 0.00	29.00 0.88 0.00	29.15 0.73 0.00	26.52 0.65 0.00	20.21 0.48 0.00	20.07 0.45 0.00
E_FISHKILL__LBMP 23776	19.38 0.99 0.00	18.59 0.57 -7.90	18.03 0.01 -17.82	16.96 0.25 -12.45	19.36 -0.13 -21.75	20.60 0.32 -14.76	27.48 1.58 0.00	23.84 1.40 0.00	24.94 1.43 0.00	21.29 1.21 0.00	26.55 1.63 0.00	26.02 1.63 0.00	29.26 1.71 -0.48	28.85 1.68 -0.43	29.94 1.80 -0.62	33.52 1.84 -0.60	32.94 1.88 -0.02	32.92 1.79 0.00	37.17 2.30 0.00	29.80 1.68 0.00	30.08 1.66 0.00	27.30 1.43 0.00	20.77 1.03 0.00	20.57 0.95 0.00
FALCON__SEABRD_CC1 323796	18.60 0.21 0.00	10.12 0.00 0.00	-5.25 -0.01 5.44	-21.20 -0.20 25.26	-21.19 0.10 19.03	-21.20 -0.23 26.49	-21.23 -1.18 45.95	-18.54 -0.98 40.01	-21.22 -0.97 43.76	-14.11 -0.82 33.37	-21.75 -1.24 45.43	-23.83 -1.32 46.90	-22.95 -1.46 48.56	9.94 -1.36 15.45	26.69 -0.84 0.00	30.62 -0.46 0.00	30.73 -0.32 0.00	30.56 -0.56 0.00	34.46 -0.41 0.00	27.54 -0.58 0.00	27.63 -0.79 0.00	25.09 -0.78 0.00	12.39 -0.50 6.84	19.47 -0.15 0.00
FALCON__SEABRD_CC2 323797	18.60 0.21 0.00	10.12 0.00 0.00	-5.25 -0.01 5.44	-21.20 -0.20 25.26	-21.19 0.10 19.03	-21.20 -0.23 26.49	-21.23 -1.18 45.95	-18.54 -0.98 40.01	-21.22 -0.97 43.76	-14.11 -0.82 33.37	-21.75 -1.24 45.43	-23.83 -1.32 46.90	-22.95 -1.46 48.56	9.94 -1.36 15.45	26.69 -0.84 0.00	30.62 -0.46 0.00	30.73 -0.32 0.00	30.56 -0.56 0.00	34.46 -0.41 0.00	27.54 -0.58 0.00	27.63 -0.79 0.00	25.09 -0.78 0.00	12.39 -0.50 6.84	19.47 -0.15 0.00
FAR ROCKAWAY__4 23548	19.98 1.58 0.00	18.80 0.90 -7.79	17.78 0.02 -17.56	16.89 0.36 -12.27	18.99 -0.19 -21.44	20.56 0.49 -14.54	28.18 2.29 0.00	24.49 2.05 0.00	25.54 2.03 0.00	21.76 1.68 0.00	27.36 2.45 0.00	26.96 2.57 0.00	30.30 2.75 -0.48	31.86 2.78 -2.33	32.61 2.93 -2.15	34.57 2.89 -0.60	34.03 2.96 -0.02	34.06 2.94 0.00	50.28 3.68 -11.73	30.85 2.73 0.00	31.10 2.68 0.00	38.56 2.35 -10.35	22.30 1.78 -0.79	26.55 1.70 -5.23
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.68 1.29 0.00	18.63 0.73 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.48 0.41 -14.55	27.90 2.01 0.00	24.26 1.81 0.00	25.35 1.84 0.00	21.67 1.59 0.00	27.11 2.19 0.00	26.59 2.20 0.00	29.88 2.33 -0.48	29.47 2.29 -0.43	30.57 2.43 -0.62	34.20 2.52 -0.60	33.59 2.53 -0.02	33.54 2.43 0.00	37.88 3.02 0.00	30.35 2.24 0.00	30.63 2.21 0.00	27.80 1.94 0.00	21.15 1.42 0.00	20.94 1.32 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.69 1.29 0.00	18.64 0.73 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.48 0.41 -14.55	27.91 2.01 0.00	24.27 1.82 0.00	25.36 1.85 0.00	21.68 1.59 0.00	27.11 2.19 0.00	26.60 2.21 0.00	29.89 2.34 -0.48	29.47 2.29 -0.43	30.58 2.43 -0.62	34.21 2.53 -0.60	33.60 2.54 -0.02	33.55 2.44 0.00	37.90 3.03 0.00	30.37 2.25 0.00	30.65 2.23 0.00	27.82 1.95 0.00	21.17 1.43 0.00	20.95 1.33 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.68 1.28 0.00	18.63 0.72 -7.79	17.78 0.02 -17.56	16.85 0.31 -12.27	19.02 -0.16 -21.44	20.48 0.41 -14.55	27.89 1.99 0.00	24.25 1.80 0.00	25.34 1.83 0.00	21.66 1.58 0.00	27.09 2.17 0.00	26.58 2.19 0.00	29.87 2.32 -0.48	29.45 2.28 -0.43	30.57 2.42 -0.62	34.19 2.51 -0.60	33.57 2.50 -0.02	33.53 2.41 0.00	37.87 3.00 0.00	30.34 2.22 0.00	30.62 2.20 0.00	27.79 1.92 0.00	21.15 1.41 0.00	20.94 1.31 0.00
FARRAGUT___LBMP 323566	19.66 1.26 0.00	18.63 0.72 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.48 0.40 -14.55	27.87 1.97 0.00	24.23 1.78 0.00	25.31 1.80 0.00	21.64 1.56 0.00	27.07 2.15 0.00	26.55 2.16 0.00	29.84 2.29 -0.48	29.42 2.25 -0.43	30.54 2.39 -0.62	34.15 2.47 -0.60	33.54 2.47 -0.02	33.50 2.37 0.00	37.83 2.96 0.00	30.31 2.19 0.00	30.60 2.18 0.00	27.77 1.90 0.00	21.13 1.40 0.00	20.92 1.30 0.00
FENNER___WINDPWR 24204	18.63 0.23 0.00	11.82 0.12 -1.57	3.76 0.00 -3.55	6.80 0.06 -2.48	2.04 -0.03 -4.33	8.55 0.08 -2.94	26.37 0.48 0.00	24.14 0.50 -1.19	24.05 0.54 0.00	20.53 0.45 0.00	25.52 0.60 0.00	24.88 0.49 0.00	27.66 0.59 0.00	27.39 0.64 0.00	28.13 0.60 0.00	31.86 0.78 0.00	31.85 0.80 0.00	32.08 0.96 0.00	35.99 1.12 0.00	28.89 0.76 0.00	29.13 0.71 0.00	26.46 0.59 0.00	20.21 0.48 0.00	20.06 0.44 0.00
FIBERTEK___ENERGY 23856	18.49 0.09 0.00	11.95 0.04 -1.78	4.23 0.00 -4.02	7.10 0.03 -2.81	2.64 -0.02 -4.91	8.89 0.04 -3.33	26.11 0.21 0.00	22.60 0.15 0.00	23.66 0.15 0.00	20.25 0.17 0.00	25.17 0.24 0.00	24.61 0.22 0.00	27.28 0.20 0.00	26.99 0.24 0.00	27.79 0.26 0.00	31.34 0.26 0.00	31.30 0.25 0.00	31.35 0.23 0.00	35.16 0.30 0.00	28.37 0.25 0.00	28.65 0.22 0.00	26.12 0.25 0.00	19.92 0.19 0.00	19.81 0.20 0.00
FITZPATRICK____ 23598	17.92 -0.48 0.00	11.02 -0.26 -1.16	2.83 0.00 -2.63	5.99 -0.10 -1.83	1.00 0.05 -3.21	7.55 -0.15 -2.18	25.24 -0.66 0.00	21.85 -0.60 0.00	22.88 -0.63 0.00	19.55 -0.53 0.00	24.25 -0.67 0.00	23.72 -0.67 0.00	26.32 -0.75 0.00	26.01 -0.73 0.00	26.76 -0.77 0.00	30.21 -0.87 0.00	30.16 -0.89 0.00	30.22 -0.90 0.00	33.86 -1.01 0.00	27.33 -0.79 0.00	27.62 -0.80 0.00	25.21 -0.66 0.00	19.29 -0.45 0.00	19.21 -0.42 0.00
FLOWRFLD_69_KV_BK1 356044	19.92 1.52 0.00	18.75 0.84 -7.79	17.78 0.02 -17.56	16.86 0.34 -12.27	19.01 -0.17 -21.44	20.51 0.44 -14.54	27.83 1.94 0.00	24.31 1.86 0.00	25.42 1.91 0.00	21.63 1.55 0.00	27.48 2.56 0.00	27.19 2.79 0.00	30.49 2.94 -0.48	31.96 2.88 -2.33	32.80 3.12 -2.15	34.89 3.21 -0.60	34.25 3.18 -0.02	34.06 2.94 0.00	50.34 3.74 -11.73	31.01 2.89 0.00	31.24 2.82 0.00	38.68 2.47 -10.35	22.25 1.74 -0.79	26.52 1.67 -5.23
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.61 1.22 0.00	18.56 0.70 -7.75	17.69 0.01 -17.47	16.77 0.30 -12.21	18.91 -0.16 -21.33	20.40 0.40 -14.47	27.87 1.97 0.00	24.20 1.74 0.00	25.30 1.78 0.00	21.59 1.51 0.00	26.89 1.97 0.00	26.34 1.95 0.00	29.52 2.09 -0.36	29.10 2.03 -0.32	30.18 2.19 -0.46	33.84 2.31 -0.45	33.43 2.37 -0.01	33.39 2.27 0.00	37.69 2.82 0.00	30.22 2.10 0.00	30.50 2.09 0.00	27.66 1.80 0.00	21.03 1.30 0.00	20.82 1.20 0.00
FORT ORANGE____ 23900	18.88 0.48 0.00	19.79 0.29 -9.38	21.36 0.01 -21.15	19.16 0.12 -14.78	23.50 -0.06 -25.82	23.20 0.16 -17.52	26.71 0.81 0.00	23.18 0.73 0.00	24.31 0.79 0.00	20.65 0.57 0.00	25.59 0.67 0.00	25.02 0.63 0.00	27.25 0.63 0.45	26.93 0.59 0.41	27.63 0.68 0.58	31.21 0.71 0.58	31.87 0.84 0.02	31.92 0.80 0.00	36.16 1.29 0.00	28.94 0.83 0.00	29.22 0.80 0.00	26.49 0.62 0.00	20.15 0.42 0.00	19.98 0.36 0.00
FORT_DRUM_COGEN 23780	17.63 -0.77 0.00	10.53 -0.49 -0.90	2.49 -0.01 -2.29	6.69 -0.23 -2.66	1.26 0.12 -3.41	8.26 -0.24 -2.98	27.19 -0.96 -2.26	16.16 -0.80 5.49	25.01 -0.66 -2.15	21.14 -0.58 -1.64	26.34 -0.81 -2.23	25.92 -0.76 -2.30	28.87 -0.61 -2.41	27.20 -0.33 -0.79	26.49 -1.04 0.00	30.64 -0.44 0.00	30.92 -0.13 0.00	31.22 0.10 0.00	34.81 -0.06 0.00	27.84 -0.27 0.00	28.21 -0.21 0.00	25.49 -0.38 0.00	19.92 -0.19 0.00	19.27 -0.35 0.00
FPL_FAR_ROCK_GT1 24212	19.98 1.58 0.00	18.80 0.90 -7.79	17.78 0.02 -17.56	16.89 0.36 -12.27	18.99 -0.19 -21.44	20.56 0.49 -14.54	28.19 2.29 0.00	24.50 2.05 0.00	25.54 2.03 0.00	21.76 1.68 0.00	27.37 2.45 0.00	26.96 2.57 0.00	30.31 2.76 -0.48	31.87 2.79 -2.33	32.61 2.93 -2.15	34.57 2.89 -0.60	34.03 2.96 -0.02	34.07 2.94 0.00	50.28 3.68 -11.74	30.85 2.74 0.00	31.10 2.68 0.00	38.56 2.35 -10.35	22.31 1.79 -0.79	26.55 1.70 -5.24
FPL_FAR_ROCK_GT2 23815	19.98 1.58 0.00	18.80 0.90 -7.79	17.78 0.02 -17.56	16.89 0.36 -12.27	18.99 -0.19 -21.44	20.56 0.49 -14.54	28.19 2.29 0.00	24.50 2.05 0.00	25.54 2.03 0.00	21.76 1.68 0.00	27.37 2.45 0.00	26.96 2.57 0.00	30.31 2.76 -0.48	31.87 2.79 -2.33	32.61 2.93 -2.15	34.57 2.89 -0.60	34.03 2.96 -0.02	34.07 2.94 0.00	50.28 3.68 -11.74	30.85 2.74 0.00	31.10 2.68 0.00	38.56 2.35 -10.35	22.31 1.79 -0.79	26.55 1.70 -5.24
FRANKLIN_FALL_HYD 24054	18.44 0.04 0.00	10.19 -0.09 -0.15	4.31 -0.01 -4.11	21.83 -0.18 -17.75	11.44 0.09 -13.61	23.97 -0.20 -18.64	56.74 -1.01 -31.85	46.19 -0.85 -24.59	52.95 -0.90 -30.33	42.44 -0.77 -23.13	55.29 -1.08 -31.45	55.77 -1.09 -32.47	59.59 -1.16 -33.68	36.39 -1.12 -10.76	26.76 -0.77 0.00	30.66 -0.42 0.00	30.68 -0.37 0.00	30.71 -0.41 0.00	34.35 -0.52 0.00	27.45 -0.66 0.00	27.60 -0.82 0.00	25.11 -0.76 0.00	24.62 -0.46 -5.35	19.33 -0.30 0.00
FREEPORT_EQUS_GT1 23764	19.88 1.48 0.00	18.74 0.84 -7.79	17.78 0.02 -17.56	16.86 0.34 -12.27	19.00 -0.17 -21.44	20.52 0.45 -14.54	27.97 2.07 0.00	24.35 1.90 0.00	25.40 1.89 0.00	21.64 1.56 0.00	27.29 2.37 0.00	26.89 2.50 0.00	30.24 2.69 -0.48	31.76 2.68 -2.33	32.53 2.85 -2.15	34.50 2.82 -0.60	33.74 2.67 -0.02	33.80 2.68 0.00	50.07 3.47 -11.74	30.74 2.62 0.00	31.01 2.59 0.00	38.48 2.27 -10.35	22.22 1.70 -0.79	26.45 1.60 -5.24
FREEPORT___CT2 23818	19.88 1.48 0.00	18.74 0.84 -7.79	17.78 0.02 -17.56	16.86 0.34 -12.27	19.00 -0.17 -21.44	20.52 0.45 -14.54	27.97 2.07 0.00	24.35 1.90 0.00	25.40 1.89 0.00	21.64 1.56 0.00	27.29 2.37 0.00	26.89 2.50 0.00	30.24 2.69 -0.48	31.76 2.68 -2.33	32.53 2.85 -2.15	34.50 2.82 -0.60	33.74 2.67 -0.02	33.80 2.68 0.00	50.07 3.47 -11.74	30.74 2.62 0.00	31.01 2.59 0.00	38.48 2.27 -10.35	22.22 1.70 -0.79	26.45 1.60 -5.24



FRESHKLS_33_KV_LOAD 356253	19.76 1.36 0.00	18.69 0.78 -7.79	17.78 0.02 -17.56	16.87 0.33 -12.27	19.01 -0.17 -21.44	20.50 0.42 -14.55	27.88 1.99 0.00	24.32 1.87 0.00	25.34 1.83 0.00	21.65 1.57 0.00	27.04 2.12 0.00	26.49 2.10 0.00	29.70 2.15 -0.48	29.38 2.21 -0.43	30.36 2.22 -0.62	31.38 2.21 1.91	32.77 2.28 0.56	32.67 2.22 0.67	33.09 2.68 4.45	30.00 2.17 0.29	30.52 2.10 0.00	27.81 1.95 0.00	21.16 1.43 0.00	20.95 1.33 0.00
FULTON COGEN____ 23766	18.15 -0.25 0.00	11.42 -0.14 -1.44	3.46 0.00 -3.25	6.48 -0.05 -2.27	1.74 0.03 -3.97	8.15 -0.07 -2.70	25.59 -0.31 0.00	21.55 -0.28 0.61	23.19 -0.32 0.00	19.84 -0.25 0.00	24.60 -0.31 0.00	24.06 -0.33 0.00	26.69 -0.38 0.00	26.40 -0.34 0.00	27.14 -0.39 0.00	30.66 -0.42 0.00	30.63 -0.42 0.00	30.70 -0.42 0.00	34.42 -0.44 0.00	27.74 -0.38 0.00	28.04 -0.38 0.00	25.58 -0.29 0.00	19.56 -0.17 0.00	19.46 -0.16 0.00
FULTON____LFGE 323630	19.48 1.09 0.00	20.41 0.57 -9.72	22.14 0.01 -21.92	19.82 0.25 -15.32	24.36 -0.14 -26.76	24.03 0.35 -18.16	27.62 1.73 0.00	24.19 1.74 0.00	24.94 1.42 0.00	20.61 0.52 0.00	25.26 0.34 0.00	25.53 1.14 0.00	26.86 0.16 0.37	26.85 0.43 0.33	27.87 0.82 0.47	31.90 1.28 0.46	31.85 0.82 0.01	33.12 2.00 0.00	37.27 2.41 0.00	29.88 1.76 0.00	30.17 1.76 0.00	27.46 1.60 0.00	20.96 1.23 0.00	20.74 1.12 0.00
G.F.CEMENT____DRP 24184	19.44 1.05 0.00	20.35 0.57 -9.66	22.02 0.01 -21.80	19.75 0.26 -15.23	24.19 -0.16 -26.61	24.01 0.43 -18.06	27.95 2.06 0.00	24.26 1.81 0.00	25.42 1.91 0.00	21.58 1.50 0.00	26.85 1.93 0.00	26.20 1.81 0.00	28.60 1.98 0.45	28.25 1.90 0.40	29.09 2.14 0.58	32.82 2.31 0.57	33.26 2.22 0.02	33.29 2.16 0.00	37.65 2.78 0.00	30.06 1.95 0.00	30.30 1.88 0.00	27.45 1.58 0.00	20.77 1.04 0.00	20.60 0.98 0.00
GARDENVILLE____LBMP 24039	17.90 -0.50 0.00	12.05 -0.30 -2.23	5.23 0.00 -5.03	7.69 -0.08 -3.52	3.91 0.03 -6.14	9.59 -0.10 -4.17	25.36 -0.54 0.00	21.67 -0.78 0.00	22.93 -0.58 0.00	20.16 0.08 0.00	25.35 0.43 0.00	24.80 0.41 0.00	27.40 0.33 0.00	27.08 0.33 0.00	27.75 0.22 0.00	31.36 0.28 0.00	31.06 0.01 0.00	30.93 -0.20 0.00	34.47 -0.39 0.00	28.18 0.06 0.00	28.55 0.13 0.00	26.15 0.29 0.00	19.83 0.10 0.00	19.83 0.21 0.00
GARDNVLA_35_KV_LD 355827	17.97 -0.43 0.00	12.09 -0.26 -2.23	5.23 0.00 -5.03	7.70 -0.07 -3.51	3.90 0.02 -6.14	9.61 -0.08 -4.17	25.45 -0.45 0.00	21.77 -0.68 0.00	23.03 -0.48 0.00	20.26 0.18 0.00	25.47 0.55 0.00	24.91 0.52 0.00	27.52 0.45 0.00	27.20 0.45 0.00	27.87 0.34 0.00	31.49 0.41 0.00	31.19 0.14 0.00	31.08 -0.05 0.00	34.65 -0.22 0.00	28.32 0.20 0.00	28.69 0.27 0.00	26.28 0.42 0.00	19.93 0.20 0.00	19.92 0.30 0.00
GELCKHM__115KV_LOAD 80723	18.30 -0.09 0.00	11.73 -0.06 -1.67	3.98 0.00 -3.77	6.89 -0.01 -2.64	2.35 0.01 -4.60	8.63 -0.02 -3.12	25.85 -0.05 0.00	22.04 -0.08 0.33	23.43 -0.08 0.00	20.06 -0.02 0.00	24.91 -0.01 0.00	24.36 -0.03 0.00	27.01 -0.06 0.00	26.72 -0.02 0.00	27.50 -0.03 0.00	31.02 -0.06 0.00	30.98 -0.07 0.00	31.02 -0.10 0.00	34.78 -0.08 0.00	28.06 -0.05 0.00	28.35 -0.07 0.00	25.85 -0.02 0.00	19.73 0.00 0.00	19.63 0.01 0.00
GENERAL____MILLS 23808	17.95 -0.43 0.00	12.08 -0.27 -2.23	5.23 0.00 -5.03	7.70 -0.08 -3.51	3.90 0.02 -6.14	9.61 -0.08 -4.17	25.43 -0.47 0.00	21.74 -0.71 0.00	23.00 -0.51 0.00	20.22 0.14 0.00	25.43 0.51 0.00	24.88 0.48 0.00	27.48 0.41 0.00	27.16 0.41 0.00	27.83 0.30 0.00	31.45 0.37 0.00	31.14 0.09 0.00	31.03 -0.10 0.00	34.58 -0.28 0.00	28.28 0.16 0.00	28.64 0.22 0.00	26.24 0.37 0.00	19.89 0.16 0.00	19.89 0.27 0.00
GE_PLASTICS____DRP 24183	18.91 0.51 0.00	19.82 0.30 -9.39	21.40 0.01 -21.19	19.19 0.13 -14.80	23.54 -0.06 -25.87	23.21 0.13 -17.55	26.57 0.67 0.00	23.07 0.62 0.00	24.28 0.76 0.00	20.68 0.60 0.00	25.67 0.75 0.00	25.12 0.73 0.00	27.46 0.73 0.35	27.13 0.69 0.31	27.87 0.78 0.44	31.36 0.76 0.48	31.86 0.83 0.02	31.91 0.78 0.00	36.07 1.21 0.00	28.91 0.79 0.00	29.19 0.77 0.00	26.51 0.65 0.00	20.18 0.45 0.00	20.03 0.40 0.00
GILBOA____1 23756	19.04 0.65 0.00	18.26 0.38 -7.76	17.73 0.01 -17.51	16.68 0.18 -12.24	19.02 -0.10 -21.38	20.24 0.21 -14.51	26.85 0.95 0.00	23.23 0.79 0.00	24.34 0.83 0.00	20.80 0.71 0.00	25.88 0.96 0.00	25.33 0.94 0.00	28.04 0.97 0.00	27.69 0.95 0.00	28.56 1.03 0.00	32.14 1.05 0.00	32.13 1.08 0.00	32.06 0.95 0.00	36.04 1.18 0.00	29.02 0.90 0.00	29.38 0.97 0.00	26.68 0.82 0.00	20.31 0.58 0.00	20.16 0.54 0.00
GILBOA____2 23757	19.04 0.65 0.00	18.26 0.38 -7.76	17.73 0.01 -17.51	16.68 0.18 -12.24	19.02 -0.10 -21.38	20.24 0.21 -14.51	26.85 0.95 0.00	23.23 0.79 0.00	24.34 0.83 0.00	20.80 0.71 0.00	25.88 0.96 0.00	25.33 0.94 0.00	28.04 0.97 0.00	27.69 0.95 0.00	28.56 1.03 0.00	32.14 1.05 0.00	32.13 1.08 0.00	32.06 0.95 0.00	36.04 1.18 0.00	29.02 0.90 0.00	29.38 0.97 0.00	26.68 0.82 0.00	20.31 0.58 0.00	20.16 0.54 0.00
GILBOA____3 23758	19.04 0.65 0.00	18.26 0.38 -7.76	17.73 0.01 -17.51	16.68 0.18 -12.24	19.02 -0.10 -21.38	20.24 0.21 -14.51	26.85 0.95 0.00	23.23 0.79 0.00	24.34 0.83 0.00	20.80 0.71 0.00	25.88 0.96 0.00	25.33 0.94 0.00	28.04 0.97 0.00	27.69 0.95 0.00	28.56 1.03 0.00	32.14 1.05 0.00	32.13 1.08 0.00	32.06 0.95 0.00	36.04 1.18 0.00	29.02 0.90 0.00	29.38 0.97 0.00	26.68 0.82 0.00	20.31 0.58 0.00	20.16 0.54 0.00
GILBOA____4 23759	19.04 0.65 0.00	18.26 0.38 -7.76	17.73 0.01 -17.51	16.68 0.18 -12.24	19.02 -0.10 -21.38	20.24 0.21 -14.51	26.85 0.95 0.00	23.23 0.79 0.00	24.34 0.83 0.00	20.80 0.71 0.00	25.88 0.96 0.00	25.33 0.94 0.00	28.04 0.97 0.00	27.69 0.95 0.00	28.56 1.03 0.00	32.14 1.05 0.00	32.13 1.08 0.00	32.06 0.95 0.00	36.04 1.18 0.00	29.02 0.90 0.00	29.38 0.97 0.00	26.68 0.82 0.00	20.31 0.58 0.00	20.16 0.54 0.00
GILBOA____ 23599	19.05 0.65 0.00	18.26 0.37 -7.76	17.73 0.01 -17.51	16.68 0.18 -12.24	19.02 -0.10 -21.38	20.24 0.21 -14.51	26.85 0.95 0.00	23.23 0.78 0.00	24.34 0.83 0.00	20.80 0.72 0.00	25.88 0.96 0.00	25.33 0.94 0.00	28.04 0.97 0.00	27.70 0.95 0.00	28.56 1.03 0.00	32.14 1.05 0.00	32.12 1.08 0.00	32.06 0.94 0.00	36.04 1.18 0.00	29.02 0.90 0.00	29.38 0.96 0.00	26.68 0.82 0.00	20.31 0.58 0.00	20.16 0.54 0.00
GINNA____ 23603	17.31 -1.09 0.00	11.40 -0.61 -1.89	4.46 -0.01 -4.26	7.00 -0.24 -2.98	3.06 0.12 -5.21	8.76 -0.30 -3.53	24.56 -1.34 0.00	21.17 -1.28 0.00	22.27 -1.24 0.00	19.29 -0.79 0.00	24.10 -0.82 0.00	23.56 -0.82 0.00	26.05 -1.02 0.00	25.78 -0.97 0.00	26.47 -1.06 0.00	29.87 -1.22 0.00	29.70 -1.35 0.00	29.72 -1.40 0.00	33.26 -1.61 0.00	26.96 -1.15 0.00	27.26 -1.16 0.00	24.87 -0.99 0.00	18.91 -0.82 0.00	18.85 -0.77 0.00

GLEN PARK____ 23778	17.71 -0.68 0.00	10.60 -0.45 -0.93	2.55 -0.01 -2.36	6.70 -0.21 -2.65	1.30 0.11 -3.45	8.29 -0.21 -2.97	27.23 -0.81 -2.14	16.60 -0.66 5.19	25.02 -0.53 -2.04	21.18 -0.46 -1.55	26.39 -0.65 -2.11	25.93 -0.64 -2.18	28.82 -0.54 -2.29	27.25 -0.24 -0.75	26.65 -0.88 0.00	30.77 -0.31 0.00	31.07 0.02 0.00	31.40 0.28 0.00	35.03 0.17 0.00	28.03 -0.09 0.00	28.37 -0.05 0.00	25.64 -0.23 0.00	20.00 -0.09 -0.36	19.36 -0.26 0.00
GLENDALE_27_KV_LOAD 356172	19.68 1.29 0.00	18.64 0.74 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.92 2.03 0.00	24.28 1.83 0.00	25.40 1.89 0.00	21.71 1.63 0.00	27.16 2.24 0.00	26.64 2.25 0.00	29.93 2.38 -0.48	29.54 2.36 -0.43	30.62 2.48 -0.62	34.25 2.57 -0.60	33.60 2.54 -0.02	33.60 2.48 0.00	37.93 3.06 0.00	30.42 2.30 0.00	30.68 2.26 0.00	27.86 2.00 0.00	21.19 1.45 0.00	20.96 1.34 0.00
GLENWOOD_IC_1_G5 23712	19.83 1.44 0.00	18.72 0.82 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.00 -0.17 -21.44	20.52 0.45 -14.54	28.02 2.12 0.00	24.36 1.91 0.00	25.42 1.91 0.00	21.67 1.59 0.00	27.30 2.38 0.00	26.89 2.50 0.00	30.22 2.67 -0.48	31.74 2.66 -2.33	32.48 2.80 -2.15	34.48 2.80 -0.60	33.84 2.78 -0.02	33.85 2.73 0.00	50.04 3.44 -11.73	30.70 2.58 0.00	30.96 2.54 0.00	38.43 2.21 -10.35	22.16 1.64 -0.79	26.40 1.55 -5.23
GLENWOOD_IC_2_G1 23688	19.79 1.40 0.00	18.70 0.79 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.00 -0.17 -21.44	20.51 0.44 -14.54	27.96 2.06 0.00	24.30 1.86 0.00	25.37 1.86 0.00	21.62 1.54 0.00	27.22 2.30 0.00	26.81 2.42 0.00	30.13 2.58 -0.48	31.64 2.56 -2.33	32.38 2.71 -2.15	34.38 2.70 -0.60	33.75 2.68 -0.02	33.76 2.63 0.00	49.93 3.32 -11.74	30.60 2.48 0.00	30.86 2.44 0.00	38.34 2.13 -10.35	22.10 1.58 -0.79	26.35 1.49 -5.24
GLENWOOD_IC_3_G1 23689	19.79 1.40 0.00	18.70 0.79 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.00 -0.17 -21.44	20.51 0.44 -14.54	27.96 2.06 0.00	24.30 1.86 0.00	25.37 1.86 0.00	21.62 1.54 0.00	27.22 2.30 0.00	26.81 2.42 0.00	30.13 2.58 -0.48	31.64 2.56 -2.33	32.38 2.71 -2.15	34.38 2.70 -0.60	33.75 2.68 -0.02	33.76 2.63 0.00	49.93 3.32 -11.74	30.60 2.48 0.00	30.86 2.44 0.00	38.34 2.13 -10.35	22.10 1.58 -0.79	26.35 1.49 -5.24
GLENWOOD____4 23550	19.83 1.44 0.00	18.72 0.82 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.00 -0.17 -21.44	20.52 0.45 -14.54	28.02 2.12 0.00	24.36 1.91 0.00	25.42 1.91 0.00	21.67 1.59 0.00	27.30 2.38 0.00	26.89 2.50 0.00	30.22 2.67 -0.48	31.74 2.66 -2.33	32.48 2.80 -2.15	34.48 2.80 -0.60	33.84 2.78 -0.02	33.85 2.73 0.00	50.04 3.44 -11.73	30.70 2.58 0.00	30.96 2.54 0.00	38.43 2.21 -10.35	22.16 1.64 -0.79	26.40 1.55 -5.23
GLENWOOD____5 23614	19.83 1.44 0.00	18.72 0.82 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.00 -0.17 -21.44	20.52 0.45 -14.54	28.02 2.12 0.00	24.36 1.91 0.00	25.42 1.91 0.00	21.67 1.59 0.00	27.30 2.38 0.00	26.89 2.50 0.00	30.22 2.67 -0.48	31.74 2.66 -2.33	32.48 2.80 -2.15	34.48 2.80 -0.60	33.84 2.78 -0.02	33.85 2.73 0.00	50.04 3.44 -11.73	30.70 2.58 0.00	30.96 2.54 0.00	38.43 2.21 -10.35	22.16 1.64 -0.79	26.40 1.55 -5.23
GLOBAL GREEN_PORT_GT1 23814	20.33 1.93 0.00	18.97 1.07 -7.79	17.79 0.02 -17.56	16.96 0.43 -12.27	18.95 -0.22 -21.44	20.66 0.59 -14.54	28.38 2.48 0.00	25.02 2.57 0.00	25.98 2.47 0.00	22.09 2.01 0.00	28.02 3.10 0.00	27.73 3.34 0.00	31.08 3.53 -0.48	32.60 3.52 -2.33	33.50 3.82 -2.15	35.69 4.01 -0.60	35.15 4.09 -0.02	35.10 3.97 0.00	51.58 4.97 -11.74	31.94 3.82 0.00	32.11 3.69 0.00	39.43 3.22 -10.35	22.82 2.30 -0.79	27.04 2.18 -5.24
GLOBE____DSASP 323697	17.38 -1.01 0.00	11.69 -0.57 -2.13	5.01 -0.01 -4.81	7.44 -0.18 -3.36	3.71 0.09 -5.88	9.28 -0.23 -3.99	24.44 -1.45 0.00	20.72 -1.73 0.00	21.94 -1.57 0.00	19.35 -0.73 0.00	24.33 -0.59 0.00	23.81 -0.58 0.00	26.26 -0.81 0.00	25.92 -0.83 0.00	26.53 -1.00 0.00	29.97 -1.11 0.00	29.61 -1.44 0.00	29.46 -1.66 0.00	32.82 -2.05 0.00	26.95 -1.17 0.00	27.36 -1.06 0.00	25.14 -0.73 0.00	19.11 -0.63 0.00	19.18 -0.44 0.00
GOETHSLN____LBMP 323567	19.59 1.19 0.00	18.58 0.68 -7.79	17.78 0.01 -17.56	16.83 0.29 -12.27	19.03 -0.15 -21.44	20.44 0.37 -14.55	27.72 1.83 0.00	24.11 1.66 0.00	25.16 1.65 0.00	21.52 1.44 0.00	26.90 1.98 0.00	26.39 2.00 0.00	29.65 2.10 -0.48	29.25 2.07 -0.43	30.35 2.21 -0.62	33.94 2.26 -0.60	33.33 2.26 -0.02	33.29 2.17 0.00	37.08 2.72 0.50	30.13 2.02 0.00	30.42 2.00 0.00	27.61 1.75 0.00	21.03 1.30 0.00	20.83 1.21 0.00
GOLAH____69_KV_TB 1_2 80279	18.21 -0.19 0.00	11.92 -0.13 -1.93	4.56 0.00 -4.35	7.28 -0.02 -3.04	3.05 -0.01 -5.31	9.12 -0.01 -3.60	25.85 -0.04 0.00	22.17 -0.28 0.00	23.48 -0.03 0.00	20.42 0.34 0.00	25.53 0.61 0.00	24.98 0.59 0.00	27.58 0.51 0.00	27.23 0.49 0.00	28.01 0.48 0.00	31.64 0.55 0.00	31.40 0.35 0.00	31.25 0.13 0.00	34.94 0.08 0.00	28.56 0.44 0.00	28.89 0.47 0.00	26.39 0.52 0.00	19.98 0.25 0.00	19.94 0.31 0.00
GOODYEAR_LAKE_HYD 323669	19.15 0.75 0.00	15.31 0.43 -4.77	10.97 0.01 -10.76	11.97 0.20 -7.51	10.76 -0.10 -13.13	14.69 0.25 -8.91	27.18 1.28 0.00	23.58 1.13 0.00	24.67 1.15 0.00	21.12 1.04 0.00	26.31 1.39 0.00	25.76 1.37 0.00	28.49 1.42 0.00	28.15 1.40 0.00	29.03 1.51 0.00	32.67 1.59 0.00	32.68 1.63 0.00	32.70 1.58 0.00	36.73 1.86 0.00	29.56 1.44 0.00	29.84 1.42 0.00	27.09 1.22 0.00	20.60 0.87 0.00	20.42 0.80 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.68 0.28 0.00	13.74 0.15 -3.46	8.03 0.00 -7.82	9.82 0.10 -5.46	7.23 -0.04 -9.54	12.10 0.10 -6.47	26.43 0.53 0.00	22.87 0.42 0.00	23.99 0.48 0.00	20.59 0.51 0.00	25.67 0.75 0.00	25.12 0.73 0.00	27.79 0.72 0.00	27.52 0.78 0.00	28.34 0.81 0.00	31.94 0.86 0.00	31.88 0.83 0.00	31.85 0.73 0.00	35.69 0.83 0.00	28.77 0.65 0.00	29.05 0.63 0.00	26.46 0.59 0.00	20.13 0.39 0.00	20.01 0.39 0.00
GOUDEY____7 23579	18.69 0.29 0.00	13.74 0.16 -3.46	8.03 0.00 -7.82	9.82 0.10 -5.46	7.23 -0.05 -9.54	12.10 0.11 -6.47	26.45 0.56 0.00	22.89 0.44 0.00	24.01 0.50 0.00	20.61 0.53 0.00	25.70 0.78 0.00	25.14 0.75 0.00	27.82 0.75 0.00	27.55 0.80 0.00	28.37 0.84 0.00	31.97 0.89 0.00	31.91 0.86 0.00	31.88 0.76 0.00	35.73 0.86 0.00	28.80 0.68 0.00	29.08 0.66 0.00	26.48 0.61 0.00	20.15 0.41 0.00	20.03 0.40 0.00
GOUDEY____8 23580	18.68 0.28 0.00	13.74 0.15 -3.46	8.03 0.00 -7.82	9.82 0.10 -5.46	7.23 -0.04 -9.54	12.10 0.10 -6.47	26.43 0.53 0.00	22.87 0.42 0.00	23.99 0.48 0.00	20.59 0.51 0.00	25.67 0.75 0.00	25.12 0.73 0.00	27.79 0.72 0.00	27.52 0.78 0.00	28.34 0.81 0.00	31.94 0.86 0.00	31.88 0.83 0.00	31.85 0.73 0.00	35.69 0.83 0.00	28.77 0.65 0.00	29.05 0.63 0.00	26.46 0.59 0.00	20.13 0.39 0.00	20.01 0.39 0.00

GOWANUS_GT1_1 24077	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.34 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT1_2 24078	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.34 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT1_3 24079	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.34 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT1_4 24080	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.34 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT1_5 24084	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.34 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT1_6 24111	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.34 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT1_7 24112	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.34 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT1_8 24113	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.34 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT2_1 24114	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT2_2 24115	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT2_3 24116	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT2_4 24117	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT2_5 24118	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT2_6 24119	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT2_7 24120	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00

GOWANUS_GT2_8 24121	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT3_1 24122	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT3_2 24123	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT3_3 24124	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT3_4 24125	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT3_5 24126	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT3_6 24127	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT3_7 24128	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT3_8 24129	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT4_1 24130	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.33 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT4_2 24131	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.33 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT4_3 24132	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.33 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT4_4 24133	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.33 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT4_5 24134	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.33 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT4_6 24135	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.33 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00

GOWANUS_GT4_7 24136	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.33 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GOWANUS_GT4_8 24137	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.33 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GREENBSH_115KV_TB3 55895	18.78 0.38 0.00	19.78 0.24 -9.42	21.47 0.00 -21.25	19.21 0.10 -14.85	23.63 -0.05 -25.95	23.25 0.13 -17.61	26.55 0.66 0.00	23.03 0.58 0.00	24.16 0.65 0.00	20.54 0.46 0.00	25.49 0.57 0.00	24.94 0.55 0.00	27.13 0.54 0.48	26.81 0.49 0.43	27.49 0.58 0.62	31.03 0.57 0.62	31.70 0.67 0.02	31.75 0.63 0.00	35.91 1.05 0.00	28.74 0.63 0.00	29.03 0.61 0.00	26.33 0.47 0.00	20.03 0.30 0.00	19.87 0.25 0.00
GREENEDGE_115KV_TB5 80291	18.35 -0.04 0.00	12.60 -0.02 -2.51	5.86 0.00 -5.65	8.23 0.02 -3.95	4.63 -0.01 -6.91	10.24 0.04 -4.68	26.16 0.26 0.00	22.69 0.24 0.00	23.77 0.26 0.00	20.53 0.44 0.00	25.70 0.78 0.00	25.09 0.70 0.00	27.63 0.56 0.00	27.46 0.71 0.00	28.22 0.69 0.00	31.67 0.59 0.00	31.60 0.55 0.00	31.63 0.51 0.00	35.40 0.53 0.00	28.63 0.51 0.00	28.97 0.55 0.00	26.39 0.52 0.00	20.04 0.31 0.00	19.93 0.31 0.00
GREENIDGE___3 23582	18.35 -0.04 0.00	12.60 -0.02 -2.51	5.86 0.00 -5.65	8.23 0.02 -3.95	4.63 -0.01 -6.91	10.24 0.04 -4.68	26.16 0.26 0.00	22.69 0.24 0.00	23.77 0.26 0.00	20.53 0.44 0.00	25.70 0.78 0.00	25.09 0.70 0.00	27.63 0.56 0.00	27.46 0.71 0.00	28.22 0.69 0.00	31.67 0.59 0.00	31.60 0.55 0.00	31.63 0.51 0.00	35.40 0.53 0.00	28.63 0.51 0.00	28.97 0.55 0.00	26.39 0.52 0.00	20.04 0.31 0.00	19.93 0.31 0.00
GREENIDGE___4 23583	18.35 -0.04 0.00	12.60 -0.03 -2.51	5.86 0.00 -5.65	8.23 0.02 -3.95	4.63 -0.01 -6.91	10.24 0.03 -4.68	26.16 0.26 0.00	22.69 0.24 0.00	23.77 0.26 0.00	20.53 0.44 0.00	25.70 0.78 0.00	25.09 0.70 0.00	27.64 0.57 0.00	27.45 0.70 0.00	28.21 0.68 0.00	31.67 0.59 0.00	31.59 0.55 0.00	31.63 0.51 0.00	35.40 0.54 0.00	28.63 0.51 0.00	28.97 0.55 0.00	26.39 0.53 0.00	20.04 0.31 0.00	19.94 0.32 0.00
GREENLWN_69_KV_BK 3 55738	19.79 1.40 0.00	18.69 0.78 -7.79	17.78 0.02 -17.56	16.84 0.32 -12.27	19.02 -0.16 -21.44	20.48 0.41 -14.54	27.74 1.84 0.00	24.18 1.73 0.00	25.24 1.73 0.00	21.47 1.39 0.00	27.16 2.24 0.00	26.83 2.44 0.00	30.14 2.60 -0.48	31.64 2.56 -2.33	32.38 2.71 -2.15	34.35 2.67 -0.60	33.70 2.64 -0.02	33.70 2.58 0.00	49.90 3.30 -11.73	30.57 2.45 0.00	30.81 2.39 0.00	38.29 2.08 -10.35	22.07 1.55 -0.79	26.35 1.50 -5.23
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.34 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
GRISSOM___SOLAR 323813	19.48 1.09 0.00	20.41 0.57 -9.72	22.14 0.01 -21.92	19.82 0.25 -15.32	24.36 -0.14 -26.76	24.03 0.35 -18.16	27.62 1.73 0.00	24.19 1.74 0.00	24.94 1.42 0.00	20.61 0.52 0.00	25.26 0.34 0.00	25.53 1.14 0.00	26.86 0.16 0.37	26.85 0.43 0.33	27.87 0.82 0.47	31.90 1.28 0.46	31.85 0.82 0.01	33.12 2.00 0.00	37.27 2.41 0.00	29.88 1.76 0.00	30.17 1.76 0.00	27.46 1.60 0.00	20.96 1.23 0.00	20.74 1.12 0.00
GROVEVILLE___HYD 323602	19.61 1.22 0.00	18.56 0.70 -7.75	17.69 0.01 -17.47	16.77 0.30 -12.21	18.91 -0.16 -21.33	20.40 0.40 -14.47	27.87 1.97 0.00	24.20 1.74 0.00	25.30 1.78 0.00	21.59 1.51 0.00	26.89 1.97 0.00	26.34 1.95 0.00	29.52 2.09 -0.36	29.10 2.03 -0.32	30.18 2.19 -0.46	33.84 2.31 -0.45	33.43 2.37 -0.01	33.39 2.27 0.00	37.69 2.82 0.00	30.22 2.10 0.00	30.50 2.09 0.00	27.66 1.80 0.00	21.03 1.30 0.00	20.82 1.20 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.49 0.09 0.00	11.95 0.04 -1.78	4.23 0.00 -4.02	7.10 0.03 -2.81	2.64 -0.02 -4.91	8.89 0.04 -3.33	26.11 0.21 0.00	22.60 0.15 0.00	23.66 0.15 0.00	20.25 0.17 0.00	25.17 0.24 0.00	24.61 0.22 0.00	27.28 0.20 0.00	26.99 0.24 0.00	27.79 0.26 0.00	31.34 0.26 0.00	31.30 0.25 0.00	31.35 0.23 0.00	35.16 0.30 0.00	28.37 0.25 0.00	28.65 0.22 0.00	26.12 0.25 0.00	19.92 0.19 0.00	19.81 0.20 0.00
HAMLTNNY_34_KV_TB 80303	18.55 0.15 0.00	12.06 0.07 -1.87	4.43 0.00 -4.22	7.26 0.05 -2.95	2.86 -0.03 -5.15	9.09 0.07 -3.50	26.29 0.39 0.00	22.70 0.25 0.00	23.83 0.32 0.00	20.41 0.33 0.00	25.40 0.48 0.00	24.83 0.44 0.00	27.51 0.44 0.00	27.21 0.46 0.00	27.98 0.45 0.00	31.63 0.55 0.00	31.57 0.52 0.00	31.57 0.45 0.00	35.42 0.55 0.00	28.64 0.52 0.00	28.91 0.49 0.00	26.35 0.48 0.00	20.05 0.32 0.00	19.94 0.32 0.00
HAMPSHIRE___PAPER_HYD 323593	17.70 -0.69 0.00	10.15 -0.44 -0.46	1.90 -0.01 -1.70	7.85 -0.22 -3.80	1.44 0.12 -3.59	9.36 -0.24 -4.08	30.32 -1.17 -5.59	18.72 -1.08 2.65	27.76 -1.07 -5.33	23.19 -0.95 -4.06	29.14 -1.30 -5.52	28.84 -1.25 -5.70	31.87 -1.16 -5.96	27.66 -1.03 -1.93	26.11 -1.42 0.00	29.97 -1.11 0.00	30.09 -0.95 0.00	30.38 -0.74 0.00	33.87 -1.00 0.00	27.20 -0.92 0.00	27.53 -0.89 0.00	25.00 -0.87 0.00	20.17 -0.49 -0.93	19.06 -0.56 0.00
HARDSCRABBLE_WT_PWR 323673	18.80 0.41 0.00	10.52 0.20 -0.19	0.64 0.00 -0.44	4.66 0.10 -0.30	-1.79 -0.06 -0.53	6.03 0.14 -0.36	26.65 0.75 0.00	24.48 0.79 -1.25	24.18 0.67 0.00	20.44 0.36 0.00	25.32 0.40 0.00	25.06 0.66 0.00	27.44 0.37 0.00	27.04 0.30 0.00	27.96 0.43 0.00	31.59 0.51 0.00	31.56 0.52 0.00	32.03 0.91 0.00	36.10 1.24 0.00	28.80 0.68 0.00	28.98 0.56 0.00	26.35 0.49 0.00	20.10 0.37 0.00	19.99 0.37 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.48 1.08 0.00	17.73 0.61 -7.01	16.02 0.01 -15.80	15.57 0.26 -11.04	16.89 -0.14 -19.29	18.97 0.36 -13.09	27.60 1.70 0.00	24.00 1.55 0.00	25.04 1.53 0.00	21.42 1.33 0.00	26.74 1.82 0.00	26.22 1.83 0.00	29.38 1.93 -0.37	28.96 1.88 -0.33	30.04 2.03 -0.48	33.68 2.14 -0.46	33.26 2.20 -0.01	33.30 2.18 0.00	37.50 2.63 0.00	30.04 1.92 0.00	30.32 1.90 0.00	27.54 1.67 0.00	20.97 1.24 0.00	20.75 1.14 0.00

HARSNRAD_115KV_TB1 81005	17.75 -0.64 0.00	11.84 -0.37 -2.10	4.93 -0.01 -4.72	7.45 -0.11 -3.30	3.55 0.04 -5.77	9.31 -0.13 -3.91	25.11 -0.78 0.00	21.41 -1.04 0.00	22.65 -0.86 0.00	19.94 -0.14 0.00	25.05 0.12 0.00	24.60 0.20 0.00	27.12 0.05 0.00	26.81 0.06 0.00	27.47 -0.06 0.00	31.02 -0.06 0.00	30.67 -0.37 0.00	30.48 -0.64 0.00	33.93 -0.94 0.00	27.81 -0.30 0.00	28.18 -0.24 0.00	25.86 -0.01 0.00	19.64 -0.09 0.00	19.68 0.07 0.00
HARZA MOOSE__RIVER 24016	18.14 -0.26 0.00	10.49 -0.17 -0.54	1.61 0.00 -1.41	5.91 -0.08 -1.72	-0.07 0.05 -2.15	7.36 -0.09 -1.93	27.15 -0.33 -1.59	23.60 -0.19 -1.34	24.93 -0.10 -1.51	21.10 -0.14 -1.15	26.25 -0.24 -1.57	25.78 -0.23 -1.62	28.74 -0.04 -1.71	27.43 0.12 -0.57	27.18 -0.35 0.00	31.14 0.06 0.00	31.27 0.23 0.00	31.62 0.50 0.00	35.33 0.47 0.00	28.28 0.16 0.00	28.62 0.20 0.00	25.91 0.04 0.00	20.15 0.14 -0.27	19.66 0.04 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.32 -0.08 0.00	11.75 -0.04 -1.68	3.99 0.00 -3.79	6.90 -0.01 -2.65	2.36 0.00 -4.62	8.65 -0.01 -3.14	25.88 -0.01 0.00	22.41 -0.04 0.00	23.48 -0.04 0.00	20.10 0.02 0.00	24.98 0.06 0.00	24.42 0.03 0.00	27.08 0.01 0.00	26.80 0.06 0.00	27.57 0.04 0.00	31.10 0.02 0.00	31.05 0.00 0.00	31.09 -0.03 0.00	34.85 -0.02 0.00	28.11 -0.01 0.00	28.40 -0.02 0.00	25.90 0.03 0.00	19.76 0.03 0.00	19.66 0.04 0.00
HELLGATE_13_KV_LD 55870	19.60 1.20 0.00	18.60 0.69 -7.79	17.78 0.01 -17.56	16.84 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.79 1.90 0.00	24.15 1.70 0.00	25.26 1.75 0.00	21.59 1.51 0.00	27.01 2.09 0.00	26.49 2.10 0.00	29.76 2.21 -0.48	29.36 2.19 -0.43	30.45 2.30 -0.62	34.05 2.36 -0.60	33.41 2.34 -0.02	33.39 2.27 0.00	37.69 2.83 0.00	30.23 2.11 0.00	30.50 2.08 0.00	27.70 1.84 0.00	21.08 1.35 0.00	20.86 1.24 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.60 1.20 0.00	18.60 0.69 -7.79	17.78 0.01 -17.56	16.84 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.79 1.90 0.00	24.15 1.70 0.00	25.26 1.75 0.00	21.59 1.51 0.00	27.01 2.09 0.00	26.49 2.10 0.00	29.76 2.21 -0.48	29.36 2.19 -0.43	30.45 2.30 -0.62	34.05 2.36 -0.60	33.41 2.34 -0.02	33.39 2.27 0.00	37.69 2.83 0.00	30.23 2.11 0.00	30.50 2.08 0.00	27.70 1.84 0.00	21.08 1.35 0.00	20.86 1.24 0.00
HEMPSTEAD____ 23647	19.76 1.36 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.85 1.95 0.00	24.22 1.76 0.00	25.29 1.77 0.00	21.54 1.46 0.00	27.16 2.24 0.00	26.76 2.37 0.00	30.11 2.56 -0.48	31.61 2.53 -2.33	32.36 2.68 -2.15	34.34 2.66 -0.60	33.65 2.59 -0.02	33.65 2.53 0.00	49.84 3.24 -11.74	30.55 2.43 0.00	30.81 2.39 0.00	38.30 2.08 -10.35	22.07 1.55 -0.79	26.31 1.46 -5.24
HEWLETT__69_KV_BK3 55828	19.90 1.51 0.00	18.76 0.85 -7.79	17.78 0.02 -17.56	16.88 0.35 -12.27	18.99 -0.18 -21.44	20.54 0.47 -14.54	28.06 2.16 0.00	24.39 1.94 0.00	25.43 1.92 0.00	21.66 1.58 0.00	27.25 2.34 0.00	26.85 2.46 0.00	30.17 2.63 -0.48	31.73 2.65 -2.33	32.47 2.79 -2.15	34.43 2.75 -0.60	33.85 2.79 -0.02	33.90 2.78 0.00	50.08 3.48 -11.73	30.70 2.58 0.00	30.95 2.53 0.00	38.43 2.22 -10.35	22.21 1.70 -0.79	26.47 1.62 -5.23
HICKLING__1 23621	18.42 0.02 0.00	13.07 0.02 -2.93	6.82 0.00 -6.61	8.94 0.06 -4.62	5.79 -0.02 -8.07	11.06 0.06 -5.48	26.32 0.42 0.00	22.72 0.27 0.00	23.92 0.41 0.00	20.64 0.56 0.00	25.91 0.99 0.00	25.33 0.93 0.00	27.96 0.89 0.00	27.79 1.04 0.00	28.56 1.04 0.00	32.26 1.18 0.00	32.14 1.10 0.00	31.99 0.87 0.00	35.81 0.94 0.00	28.90 0.78 0.00	29.16 0.75 0.00	26.58 0.72 0.00	20.10 0.37 0.00	19.98 0.36 0.00
HICKLING__2 23622	18.42 0.02 0.00	13.07 0.02 -2.93	6.82 0.00 -6.61	8.94 0.06 -4.62	5.79 -0.02 -8.07	11.06 0.06 -5.48	26.32 0.42 0.00	22.72 0.27 0.00	23.92 0.41 0.00	20.64 0.56 0.00	25.91 0.99 0.00	25.33 0.93 0.00	27.96 0.89 0.00	27.79 1.04 0.00	28.56 1.04 0.00	32.26 1.18 0.00	32.14 1.10 0.00	31.99 0.87 0.00	35.81 0.94 0.00	28.90 0.78 0.00	29.16 0.75 0.00	26.58 0.72 0.00	20.10 0.37 0.00	19.98 0.36 0.00
HIGH FALLS__HY 23754	19.64 1.24 0.00	18.41 0.71 -7.58	17.33 0.01 -17.11	16.52 0.31 -11.95	18.46 -0.16 -20.88	20.10 0.41 -14.17	27.88 1.98 0.00	24.27 1.83 0.00	25.26 1.74 0.00	21.55 1.46 0.00	26.80 1.87 0.00	26.20 1.81 0.00	29.27 2.01 -0.19	28.83 1.91 -0.17	29.84 2.07 -0.25	33.54 2.22 -0.24	33.32 2.27 -0.01	33.53 2.41 0.00	37.81 2.95 0.00	30.27 2.15 0.00	30.55 2.13 0.00	27.74 1.87 0.00	21.15 1.42 0.00	20.94 1.32 0.00
HILLBURN__GT 23639	19.45 1.05 0.00	17.80 0.59 -7.09	16.20 0.01 -15.98	15.69 0.26 -11.17	17.12 -0.14 -19.51	19.10 0.34 -13.24	27.52 1.63 0.00	23.95 1.50 0.00	24.96 1.45 0.00	21.37 1.29 0.00	26.73 1.80 0.00	26.23 1.84 0.00	29.38 1.92 -0.38	28.96 1.87 -0.34	30.03 2.01 -0.49	33.64 2.08 -0.48	33.18 2.12 -0.01	33.20 2.08 0.00	37.38 2.51 0.00	29.91 1.79 0.00	30.18 1.77 0.00	27.43 1.56 0.00	20.93 1.20 0.00	20.72 1.11 0.00
HILLSIDE_115KV_TB1 80332	18.39 -0.01 0.00	13.12 0.00 -3.00	6.98 0.00 -6.77	9.04 0.05 -4.73	5.98 -0.02 -8.26	11.16 0.03 -5.61	26.11 0.22 0.00	22.57 0.12 0.00	23.73 0.22 0.00	20.43 0.35 0.00	25.56 0.63 0.00	25.01 0.62 0.00	27.65 0.58 0.00	27.45 0.70 0.00	28.24 0.71 0.00	31.81 0.72 0.00	31.69 0.64 0.00	31.59 0.47 0.00	35.35 0.48 0.00	28.49 0.37 0.00	28.74 0.32 0.00	26.22 0.35 0.00	19.89 0.16 0.00	19.79 0.17 0.00
HISHELDN_WT_PWR 323625	17.62 -0.78 0.00	12.03 -0.44 -2.34	5.48 -0.01 -5.28	7.82 -0.13 -3.69	4.24 0.06 -6.45	9.76 -0.15 -4.38	25.17 -0.72 0.00	21.55 -0.90 0.00	22.76 -0.75 0.00	19.96 -0.12 0.00	25.19 0.27 0.00	24.56 0.17 0.00	27.13 0.06 0.00	26.85 0.10 0.00	27.52 -0.01 0.00	31.24 0.15 0.00	30.95 -0.10 0.00	30.84 -0.28 0.00	34.41 -0.46 0.00	28.03 -0.08 0.00	28.38 -0.04 0.00	25.95 0.08 0.00	19.63 -0.10 0.00	19.58 -0.04 0.00
HOLTSVILLE_IC_1 23690	19.86 1.47 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.60 1.70 0.00	24.22 1.77 0.00	25.19 1.68 0.00	21.43 1.35 0.00	27.22 2.30 0.00	26.94 2.55 0.00	30.23 2.69 -0.48	31.71 2.63 -2.33	32.54 2.86 -2.15	34.56 2.87 -0.60	33.93 2.86 -0.02	33.89 2.77 0.00	50.13 3.52 -11.74	30.72 2.60 0.00	30.94 2.52 0.00	38.41 2.20 -10.35	22.17 1.64 -0.79	26.45 1.59 -5.24
HOLTSVILLE_IC_10 23699	19.93 1.54 0.00	18.75 0.84 -7.79	17.78 0.02 -17.56	16.87 0.34 -12.27	19.01 -0.17 -21.44	20.51 0.44 -14.54	27.72 1.82 0.00	24.32 1.88 0.00	25.32 1.81 0.00	21.54 1.46 0.00	27.36 2.44 0.00	27.08 2.69 0.00	30.39 2.84 -0.48	31.86 2.78 -2.33	32.71 3.03 -2.15	34.77 3.09 -0.60	34.15 3.08 -0.02	34.08 2.95 0.00	50.35 3.74 -11.74	30.93 2.81 0.00	31.14 2.72 0.00	38.58 2.37 -10.35	22.26 1.74 -0.79	26.53 1.68 -5.24

HOLTSVILLE_IC_2 23691	19.86 1.47 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.60 1.70 0.00	24.22 1.77 0.00	25.19 1.68 0.00	21.43 1.35 0.00	27.22 2.30 0.00	26.94 2.55 0.00	30.23 2.69 -0.48	31.71 2.63 -2.33	32.54 2.86 -2.15	34.56 2.87 -0.60	33.93 2.86 -0.02	33.89 2.77 0.00	50.13 3.52 -11.74	30.72 2.60 0.00	30.94 2.52 0.00	38.41 2.20 -10.35	22.17 1.64 -0.79	26.45 1.59 -5.24
HOLTSVILLE_IC_3 23692	19.86 1.47 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.60 1.70 0.00	24.22 1.77 0.00	25.19 1.68 0.00	21.43 1.35 0.00	27.22 2.30 0.00	26.94 2.55 0.00	30.23 2.69 -0.48	31.71 2.63 -2.33	32.54 2.86 -2.15	34.56 2.87 -0.60	33.93 2.86 -0.02	33.89 2.77 0.00	50.13 3.52 -11.74	30.72 2.60 0.00	30.94 2.52 0.00	38.41 2.20 -10.35	22.17 1.64 -0.79	26.45 1.59 -5.24
HOLTSVILLE_IC_4 23693	19.86 1.47 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.60 1.70 0.00	24.22 1.77 0.00	25.19 1.68 0.00	21.43 1.35 0.00	27.22 2.30 0.00	26.94 2.55 0.00	30.23 2.69 -0.48	31.71 2.63 -2.33	32.54 2.86 -2.15	34.56 2.87 -0.60	33.93 2.86 -0.02	33.89 2.77 0.00	50.13 3.52 -11.74	30.72 2.60 0.00	30.94 2.52 0.00	38.41 2.20 -10.35	22.17 1.64 -0.79	26.45 1.59 -5.24
HOLTSVILLE_IC_5 23694	19.86 1.47 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.60 1.70 0.00	24.22 1.77 0.00	25.19 1.68 0.00	21.43 1.35 0.00	27.22 2.30 0.00	26.94 2.55 0.00	30.23 2.69 -0.48	31.71 2.63 -2.33	32.54 2.86 -2.15	34.56 2.87 -0.60	33.93 2.86 -0.02	33.89 2.77 0.00	50.13 3.52 -11.74	30.72 2.60 0.00	30.94 2.52 0.00	38.41 2.20 -10.35	22.17 1.64 -0.79	26.45 1.59 -5.24
HOLTSVILLE_IC_6 23695	19.93 1.54 0.00	18.75 0.84 -7.79	17.78 0.02 -17.56	16.87 0.34 -12.27	19.01 -0.17 -21.44	20.51 0.44 -14.54	27.72 1.82 0.00	24.32 1.88 0.00	25.32 1.81 0.00	21.54 1.46 0.00	27.36 2.44 0.00	27.08 2.69 0.00	30.39 2.84 -0.48	31.86 2.78 -2.33	32.71 3.03 -2.15	34.77 3.09 -0.60	34.15 3.08 -0.02	34.08 2.95 0.00	50.35 3.74 -11.74	30.93 2.81 0.00	31.14 2.72 0.00	38.58 2.37 -10.35	22.26 1.74 -0.79	26.53 1.68 -5.24
HOLTSVILLE_IC_7 23696	19.93 1.54 0.00	18.75 0.84 -7.79	17.78 0.02 -17.56	16.87 0.34 -12.27	19.01 -0.17 -21.44	20.51 0.44 -14.54	27.72 1.82 0.00	24.32 1.88 0.00	25.32 1.81 0.00	21.54 1.46 0.00	27.36 2.44 0.00	27.08 2.69 0.00	30.39 2.84 -0.48	31.86 2.78 -2.33	32.71 3.03 -2.15	34.77 3.09 -0.60	34.15 3.08 -0.02	34.08 2.95 0.00	50.35 3.74 -11.74	30.93 2.81 0.00	31.14 2.72 0.00	38.58 2.37 -10.35	22.26 1.74 -0.79	26.53 1.68 -5.24
HOLTSVILLE_IC_8 23697	19.93 1.54 0.00	18.75 0.84 -7.79	17.78 0.02 -17.56	16.87 0.34 -12.27	19.01 -0.17 -21.44	20.51 0.44 -14.54	27.72 1.82 0.00	24.32 1.88 0.00	25.32 1.81 0.00	21.54 1.46 0.00	27.36 2.44 0.00	27.08 2.69 0.00	30.39 2.84 -0.48	31.86 2.78 -2.33	32.71 3.03 -2.15	34.77 3.09 -0.60	34.15 3.08 -0.02	34.08 2.95 0.00	50.35 3.74 -11.74	30.93 2.81 0.00	31.14 2.72 0.00	38.58 2.37 -10.35	22.26 1.74 -0.79	26.53 1.68 -5.24
HOLTSVILLE_IC_9 23698	19.93 1.54 0.00	18.75 0.84 -7.79	17.78 0.02 -17.56	16.87 0.34 -12.27	19.01 -0.17 -21.44	20.51 0.44 -14.54	27.72 1.82 0.00	24.32 1.88 0.00	25.32 1.81 0.00	21.54 1.46 0.00	27.36 2.44 0.00	27.08 2.69 0.00	30.39 2.84 -0.48	31.86 2.78 -2.33	32.71 3.03 -2.15	34.77 3.09 -0.60	34.15 3.08 -0.02	34.08 2.95 0.00	50.35 3.74 -11.74	30.93 2.81 0.00	31.14 2.72 0.00	38.58 2.37 -10.35	22.26 1.74 -0.79	26.53 1.68 -5.24
HOMER_HL_115KV_TB2 355744	18.77 0.37 0.00	12.66 0.16 -2.37	5.56 0.00 -5.35	8.10 0.10 -3.74	4.21 -0.07 -6.54	10.09 0.13 -4.43	26.55 0.65 0.00	22.86 0.41 0.00	24.08 0.56 0.00	21.03 0.95 0.00	26.43 1.50 0.00	25.89 1.49 0.00	28.63 1.56 0.00	28.27 1.52 0.00	29.07 1.54 0.00	32.84 1.76 0.00	32.49 1.45 0.00	32.33 1.21 0.00	36.10 1.24 0.00	29.36 1.24 0.00	29.70 1.28 0.00	27.13 1.27 0.00	20.61 0.88 0.00	20.56 0.94 0.00
HOWARD_WT_PWR 323690	17.45 -0.94 0.00	12.20 -0.50 -2.59	6.03 -0.01 -5.84	8.18 -0.16 -4.08	4.95 0.09 -7.12	10.19 -0.17 -4.83	25.39 -0.50 0.00	21.95 -0.50 0.00	23.02 -0.49 0.00	19.99 -0.09 0.00	25.46 0.54 0.00	24.77 0.38 0.00	27.43 0.36 0.00	27.33 0.58 0.00	27.97 0.44 0.00	31.93 0.84 0.00	31.65 0.61 0.00	31.62 0.50 0.00	35.29 0.43 0.00	28.40 0.28 0.00	28.63 0.21 0.00	26.12 0.25 0.00	19.70 -0.03 0.00	19.56 -0.06 0.00
HQ_GEN_CEDARS 23644	18.24 -0.16 0.00	10.01 -0.11 0.00	0.48 0.00 -0.28	5.48 -0.08 -1.30	-1.24 0.04 -0.98	6.79 -0.09 -1.36	27.72 -0.54 -2.36	22.05 -0.47 -0.08	25.20 -0.55 -2.24	21.33 -0.47 -1.71	26.59 -0.65 -2.33	26.14 -0.65 -2.40	29.04 -0.61 -2.58	27.03 -0.60 -0.88	26.88 -0.65 0.00	30.53 -0.56 0.00	30.49 -0.56 0.00	30.72 -0.40 0.00	34.22 -0.64 0.00	27.62 -0.49 0.00	27.93 -0.49 0.00	25.43 -0.43 0.00	19.85 -0.25 -0.37	19.41 -0.21 0.00
HQ_GEN_CEDARS_PROXY 323590	18.24 -0.16 0.00	10.01 -0.11 0.00	0.48 0.00 -0.28	5.48 -0.08 -1.30	-1.24 0.04 -0.98	6.79 -0.09 -1.36	27.71 -0.54 -2.36	22.05 -0.47 -0.08	25.20 -0.55 -2.24	21.32 -0.47 -1.71	26.59 -0.66 -2.33	26.14 -0.66 -2.40	29.04 -0.61 -2.58	27.03 -0.60 -0.88	26.88 -0.65 0.00	30.53 -0.56 0.00	30.49 -0.56 0.00	30.72 -0.40 0.00	34.22 -0.64 0.00	27.62 -0.49 0.00	27.93 -0.49 0.00	25.43 -0.43 0.00	19.85 -0.25 -0.37	19.41 -0.21 0.00
HQ_GEN_IMPORT 323601	18.26 -0.14 0.00	10.03 -0.09 0.00	0.20 0.00 0.00	4.21 -0.05 0.00	-2.23 0.03 0.00	5.46 -0.06 0.00	25.56 -0.34 0.00	21.68 -0.28 0.49	23.22 -0.29 0.00	19.84 -0.24 0.00	24.58 -0.34 0.00	24.05 -0.34 0.00	26.75 -0.33 0.00	26.43 -0.32 0.00	27.19 -0.33 0.00	30.76 -0.32 0.00	30.72 -0.33 0.00	30.84 -0.28 0.00	34.41 -0.45 0.00	27.82 -0.30 0.00	28.12 -0.30 0.00	25.60 -0.27 0.00	19.53 -0.20 0.00	19.44 -0.17 0.00
HQ_GEN_WHEEL 23651	18.26 -0.14 0.00	10.03 -0.09 0.00	0.20 0.00 0.00	4.21 -0.05 0.00	-2.23 0.03 0.00	5.46 -0.06 0.00	25.56 -0.34 0.00	21.68 -0.28 0.49	23.22 -0.29 0.00	19.84 -0.24 0.00	24.58 -0.34 0.00	24.05 -0.34 0.00	26.75 -0.33 0.00	26.43 -0.32 0.00	27.19 -0.33 0.00	30.76 -0.32 0.00	30.72 -0.33 0.00	30.84 -0.28 0.00	34.41 -0.45 0.00	27.82 -0.30 0.00	28.12 -0.30 0.00	25.60 -0.27 0.00	19.53 -0.20 0.00	19.44 -0.17 0.00
HUDSON_AVE_GT_3 23810	19.70 1.30 0.00	18.64 0.74 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.41 -14.55	27.91 2.01 0.00	24.27 1.82 0.00	25.36 1.85 0.00	21.68 1.60 0.00	27.12 2.20 0.00	26.61 2.22 0.00	29.90 2.35 -0.48	29.48 2.31 -0.43	30.59 2.45 -0.62	34.22 2.54 -0.60	33.61 2.54 -0.02	33.57 2.45 0.00	37.91 3.04 0.00	30.37 2.26 0.00	30.66 2.24 0.00	27.83 1.96 0.00	21.17 1.44 0.00	20.96 1.34 0.00

HUDSON AVE_GT_4 23540	19.70 1.30 0.00	18.64 0.74 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.41 -14.55	27.91 2.01 0.00	24.27 1.82 0.00	25.36 1.85 0.00	21.68 1.60 0.00	27.12 2.20 0.00	26.61 2.22 0.00	29.90 2.35 -0.48	29.48 2.31 -0.43	30.59 2.45 -0.62	34.22 2.54 -0.60	33.61 2.54 -0.02	33.57 2.45 0.00	37.91 3.04 0.00	30.37 2.26 0.00	30.66 2.24 0.00	27.83 1.96 0.00	21.17 1.44 0.00	20.96 1.34 0.00
HUDSON AVE_GT_5 23657	19.70 1.30 0.00	18.64 0.74 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.41 -14.55	27.91 2.01 0.00	24.27 1.82 0.00	25.36 1.85 0.00	21.68 1.60 0.00	27.12 2.20 0.00	26.61 2.22 0.00	29.90 2.35 -0.48	29.48 2.31 -0.43	30.59 2.45 -0.62	34.22 2.54 -0.60	33.61 2.54 -0.02	33.57 2.45 0.00	37.91 3.04 0.00	30.37 2.26 0.00	30.66 2.24 0.00	27.83 1.96 0.00	21.17 1.44 0.00	20.96 1.34 0.00
HUDSON_AVE_10 24168	19.67 1.27 0.00	18.62 0.72 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.47 0.40 -14.55	27.83 1.94 0.00	24.20 1.75 0.00	25.28 1.77 0.00	21.61 1.53 0.00	27.01 2.09 0.00	26.50 2.10 0.00	29.79 2.24 -0.48	29.37 2.19 -0.43	30.49 2.35 -0.62	34.10 2.42 -0.60	33.50 2.43 -0.02	33.45 2.33 0.00	37.77 2.91 0.00	30.27 2.15 0.00	30.57 2.15 0.00	27.76 1.89 0.00	21.10 1.38 0.00	20.90 1.28 0.00
HUDSON___115KV_TB 4 355613	19.15 0.75 0.00	19.74 0.43 -9.19	20.94 0.01 -20.73	18.92 0.18 -14.48	22.95 -0.09 -25.31	22.93 0.23 -17.17	27.11 1.21 0.00	23.56 1.11 0.00	24.71 1.20 0.00	20.95 0.86 0.00	25.89 0.97 0.00	25.28 0.89 0.00	27.65 0.91 0.33	27.33 0.88 0.29	28.06 0.95 0.43	31.78 1.13 0.43	32.36 1.33 0.01	32.41 1.29 0.00	36.78 1.92 0.00	29.46 1.34 0.00	29.72 1.30 0.00	26.93 1.06 0.00	20.45 0.72 0.00	20.26 0.64 0.00
HUNTER MOUNT___DRP 323613	19.24 0.85 0.00	19.53 0.48 -8.93	20.37 0.01 -20.15	18.54 0.20 -14.08	22.24 -0.10 -24.60	22.48 0.26 -16.69	27.24 1.35 0.00	23.70 1.25 0.00	24.89 1.38 0.00	21.07 0.99 0.00	26.00 1.08 0.00	25.37 0.98 0.00	27.88 1.02 0.21	27.52 0.96 0.19	28.30 1.05 0.28	32.06 1.27 0.29	32.57 1.53 0.01	32.58 1.45 0.00	37.03 2.17 0.00	29.67 1.55 0.00	29.91 1.50 0.00	27.09 1.23 0.00	20.54 0.81 0.00	20.34 0.72 0.00
HUNTINGTON_RES_REC 323705	19.83 1.44 0.00	18.70 0.80 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.51 0.44 -14.54	27.80 1.91 0.00	24.27 1.83 0.00	25.35 1.84 0.00	21.56 1.48 0.00	27.34 2.42 0.00	27.02 2.63 0.00	30.34 2.80 -0.48	31.82 2.74 -2.33	32.62 2.95 -2.15	34.63 2.95 -0.60	34.00 2.93 -0.02	33.91 2.78 0.00	50.17 3.56 -11.74	30.84 2.72 0.00	31.07 2.65 0.00	38.52 2.31 -10.35	22.18 1.66 -0.79	26.45 1.60 -5.24
HUNTLEY___63 23557	17.84 -0.55 0.00	11.96 -0.32 -2.15	5.06 0.00 -4.85	7.57 -0.09 -3.39	3.70 0.03 -5.93	9.45 -0.10 -4.02	25.19 -0.71 0.00	21.48 -0.97 0.00	22.73 -0.78 0.00	20.02 -0.06 0.00	25.18 0.26 0.00	24.67 0.27 0.00	27.21 0.14 0.00	26.90 0.15 0.00	27.55 0.02 0.00	31.12 0.04 0.00	30.75 -0.30 0.00	30.63 -0.50 -0.01	34.13 -0.74 0.00	27.95 -0.17 0.00	28.33 -0.09 0.00	25.98 0.12 0.00	19.74 0.00 0.00	19.77 0.15 0.00
HUNTLEY___64 23558	17.84 -0.55 0.00	11.96 -0.32 -2.15	5.06 0.00 -4.85	7.57 -0.09 -3.39	3.70 0.03 -5.93	9.45 -0.10 -4.02	25.19 -0.71 0.00	21.48 -0.97 0.00	22.73 -0.78 0.00	20.02 -0.06 0.00	25.18 0.26 0.00	24.67 0.27 0.00	27.21 0.14 0.00	26.90 0.15 0.00	27.55 0.02 0.00	31.12 0.04 0.00	30.75 -0.30 0.00	30.63 -0.50 -0.01	34.13 -0.74 0.00	27.95 -0.17 0.00	28.33 -0.09 0.00	25.98 0.12 0.00	19.74 0.00 0.00	19.77 0.15 0.00
HUNTLEY___65 23559	17.84 -0.55 0.00	11.96 -0.32 -2.15	5.06 0.00 -4.85	7.57 -0.09 -3.39	3.70 0.03 -5.93	9.45 -0.10 -4.02	25.19 -0.71 0.00	21.48 -0.97 0.00	22.73 -0.78 0.00	20.02 -0.06 0.00	25.18 0.26 0.00	24.67 0.27 0.00	27.21 0.14 0.00	26.90 0.15 0.00	27.55 0.02 0.00	31.12 0.04 0.00	30.75 -0.30 0.00	30.63 -0.50 -0.01	34.13 -0.74 0.00	27.95 -0.17 0.00	28.33 -0.09 0.00	25.98 0.12 0.00	19.74 0.00 0.00	19.77 0.15 0.00
HUNTLEY___66 23560	17.84 -0.55 0.00	11.96 -0.32 -2.15	5.06 0.00 -4.85	7.57 -0.09 -3.39	3.70 0.03 -5.93	9.45 -0.10 -4.02	25.19 -0.71 0.00	21.48 -0.97 0.00	22.73 -0.78 0.00	20.02 -0.06 0.00	25.18 0.26 0.00	24.67 0.27 0.00	27.21 0.14 0.00	26.90 0.15 0.00	27.55 0.02 0.00	31.12 0.04 0.00	30.75 -0.30 0.00	30.63 -0.50 -0.01	34.13 -0.74 0.00	27.95 -0.17 0.00	28.33 -0.09 0.00	25.98 0.12 0.00	19.74 0.00 0.00	19.77 0.15 0.00
HUNTLEY___67 23561	17.73 -0.67 0.00	11.91 -0.39 -2.18	5.13 0.00 -4.93	7.57 -0.13 -3.44	3.80 0.05 -6.01	9.44 -0.16 -4.08	25.03 -0.87 0.00	21.37 -1.08 0.00	22.61 -0.91 0.00	19.89 -0.19 0.00	25.02 0.09 0.00	24.48 0.09 0.00	27.04 -0.03 0.00	26.70 -0.05 0.00	27.34 -0.19 0.00	30.90 -0.18 0.00	30.57 -0.48 0.00	30.45 -0.67 0.00	33.93 -0.93 0.00	27.78 -0.33 0.00	28.15 -0.27 0.00	25.83 -0.04 0.00	19.61 -0.12 0.00	19.64 0.02 0.00
HUNTLEY___68 23562	17.73 -0.67 0.00	11.91 -0.39 -2.18	5.13 0.00 -4.93	7.57 -0.13 -3.44	3.80 0.05 -6.01	9.44 -0.16 -4.08	25.03 -0.87 0.00	21.37 -1.08 0.00	22.61 -0.91 0.00	19.89 -0.19 0.00	25.02 0.09 0.00	24.48 0.09 0.00	27.04 -0.03 0.00	26.70 -0.05 0.00	27.34 -0.19 0.00	30.90 -0.18 0.00	30.57 -0.48 0.00	30.45 -0.67 0.00	33.93 -0.93 0.00	27.78 -0.33 0.00	28.15 -0.27 0.00	25.83 -0.04 0.00	19.61 -0.12 0.00	19.64 0.02 0.00
HYLAND___LFGE 323620	18.65 0.25 0.00	12.54 0.11 -2.31	5.42 0.00 -5.21	7.97 0.07 -3.64	4.04 -0.05 -6.36	10.01 0.17 -4.31	26.89 0.99 0.00	22.65 0.20 0.00	23.62 0.11 0.00	20.26 0.17 0.00	25.33 0.41 0.00	24.25 -0.14 0.00	26.66 -0.41 0.00	26.43 -0.32 0.00	28.12 0.59 0.00	32.43 1.34 0.00	32.45 1.40 0.00	32.50 1.37 0.00	36.57 1.70 0.00	29.81 1.69 0.00	30.12 1.70 0.00	27.44 1.58 0.00	20.66 0.93 0.00	20.52 0.90 0.00
INDECK___CORINTH 23802	19.31 0.92 0.00	20.30 0.50 -9.67	22.03 0.01 -21.82	19.74 0.23 -15.24	24.22 -0.15 -26.63	24.02 0.42 -18.07	27.90 2.00 0.00	24.24 1.79 0.00	25.39 1.88 0.00	21.55 1.47 0.00	26.82 1.90 0.00	26.19 1.80 0.00	28.61 1.97 0.44	28.25 1.89 0.39	29.08 2.11 0.56	32.81 2.28 0.55	33.14 2.11 0.02	33.14 2.02 0.00	37.43 2.57 0.00	29.94 1.82 0.00	30.16 1.74 0.00	27.32 1.46 0.00	20.67 0.94 0.00	20.49 0.88 0.00
INDECK___ILION 23567	18.66 0.26 0.00	10.46 0.14 -0.19	0.64 0.00 -0.44	4.63 0.07 -0.30	-1.77 -0.04 -0.53	5.98 0.09 -0.36	26.37 0.48 0.00	24.21 0.51 -1.25	23.94 0.43 0.00	20.33 0.24 0.00	25.19 0.26 0.00	24.79 0.40 0.00	27.31 0.24 0.00	26.96 0.21 0.00	27.80 0.27 0.00	31.43 0.35 0.00	31.40 0.35 0.00	31.69 0.56 0.00	35.68 0.81 0.00	28.58 0.46 0.00	28.81 0.39 0.00	26.22 0.36 0.00	20.00 0.27 0.00	19.87 0.25 0.00



INDECK___OLEAN 23982	18.77 0.37 0.00	12.66 0.16 -2.37	5.57 0.00 -5.35	8.10 0.10 -3.74	4.21 -0.07 -6.54	10.09 0.13 -4.43	26.55 0.66 0.00	22.85 0.40 0.00	24.09 0.57 0.00	21.04 0.96 0.00	26.44 1.51 0.00	25.89 1.50 0.00	28.63 1.56 0.00	28.26 1.51 0.00	29.06 1.53 0.00	32.84 1.76 0.00	32.48 1.44 0.00	32.33 1.20 0.00	36.10 1.24 0.00	29.36 1.24 0.00	29.70 1.28 0.00	27.13 1.27 0.00	20.61 0.88 0.00	20.57 0.95 0.00
INDECK___OSWEGO 23783	17.97 -0.43 0.00	11.24 -0.24 -1.36	3.27 0.00 -3.07	6.31 -0.10 -2.14	1.53 0.05 -3.75	7.94 -0.13 -2.54	25.32 -0.57 0.00	20.98 -0.52 0.95	22.97 -0.54 0.00	19.63 -0.46 0.00	24.33 -0.59 0.00	23.80 -0.60 0.00	26.41 -0.66 0.00	26.12 -0.63 0.00	26.83 -0.70 0.00	30.33 -0.76 0.00	30.30 -0.75 0.00	30.37 -0.75 0.00	34.04 -0.83 0.00	27.45 -0.67 0.00	27.75 -0.66 0.00	25.32 -0.54 0.00	19.38 -0.36 0.00	19.27 -0.35 0.00
INDECK___YERKES 23781	17.87 -0.53 0.00	11.97 -0.31 -2.15	5.06 0.00 -4.85	7.57 -0.08 -3.39	3.69 0.03 -5.93	9.45 -0.09 -4.02	25.23 -0.67 0.00	21.50 -0.95 0.00	22.76 -0.75 0.00	20.04 -0.04 0.00	25.23 0.30 0.00	24.71 0.32 0.00	27.24 0.17 0.00	26.93 0.18 0.00	27.58 0.05 0.00	31.16 0.08 0.00	30.77 -0.28 0.00	30.67 -0.46 -0.01	34.17 -0.70 0.00	27.99 -0.13 0.00	28.36 -0.06 0.00	26.01 0.15 0.00	19.76 0.03 0.00	19.80 0.18 0.00
INDIAN POINT_GT_1 24139	19.47 1.08 0.00	18.39 0.62 -7.65	17.48 0.01 -17.26	16.58 0.27 -12.06	18.67 -0.14 -21.07	20.17 0.35 -14.30	27.61 1.72 0.00	23.98 1.54 0.00	25.06 1.55 0.00	21.42 1.34 0.00	26.76 1.85 0.00	26.24 1.85 0.00	29.48 1.95 -0.46	29.07 1.91 -0.41	30.17 2.04 -0.59	33.77 2.11 -0.58	33.20 2.14 -0.02	33.16 2.04 0.00	37.43 2.56 0.00	30.00 1.89 0.00	30.28 1.86 0.00	27.49 1.63 0.00	20.91 1.18 0.00	20.71 1.09 0.00
INDIAN POINT_GT_2 23659	19.47 1.08 0.00	18.39 0.62 -7.65	17.48 0.01 -17.26	16.58 0.27 -12.06	18.67 -0.14 -21.07	20.17 0.35 -14.30	27.61 1.72 0.00	23.98 1.54 0.00	25.06 1.55 0.00	21.42 1.34 0.00	26.76 1.85 0.00	26.24 1.85 0.00	29.48 1.95 -0.46	29.07 1.91 -0.41	30.17 2.04 -0.59	33.77 2.11 -0.58	33.20 2.14 -0.02	33.16 2.04 0.00	37.43 2.56 0.00	30.00 1.89 0.00	30.28 1.86 0.00	27.49 1.63 0.00	20.91 1.18 0.00	20.71 1.09 0.00
INDIAN POINT_GT_3 24019	19.47 1.08 0.00	18.39 0.62 -7.65	17.48 0.01 -17.26	16.58 0.27 -12.06	18.67 -0.14 -21.07	20.17 0.35 -14.30	27.61 1.72 0.00	23.98 1.54 0.00	25.06 1.55 0.00	21.42 1.34 0.00	26.76 1.85 0.00	26.24 1.85 0.00	29.48 1.95 -0.46	29.07 1.91 -0.41	30.17 2.04 -0.59	33.77 2.11 -0.58	33.20 2.14 -0.02	33.16 2.04 0.00	37.43 2.56 0.00	30.00 1.89 0.00	30.28 1.86 0.00	27.49 1.63 0.00	20.91 1.18 0.00	20.71 1.09 0.00
INDIAN POINT___2 23530	19.45 1.05 0.00	18.12 0.59 -7.40	16.91 0.01 -16.69	16.18 0.26 -11.66	17.98 -0.13 -20.38	19.70 0.35 -13.83	27.58 1.69 0.00	23.95 1.50 0.00	25.02 1.51 0.00	21.40 1.32 0.00	26.75 1.83 0.00	26.23 1.84 0.00	29.43 1.94 -0.42	29.02 1.89 -0.38	30.11 2.03 -0.55	33.70 2.09 -0.53	33.18 2.12 -0.02	33.13 2.01 0.00	37.36 2.49 0.00	29.96 1.84 0.00	30.24 1.82 0.00	27.47 1.60 0.00	20.90 1.17 0.00	20.69 1.07 0.00
INDIAN POINT___3 23531	19.49 1.10 0.00	18.59 0.63 -7.84	17.91 0.01 -17.69	16.89 0.27 -12.36	19.19 -0.14 -21.60	20.53 0.35 -14.65	27.63 1.74 0.00	24.00 1.55 0.00	25.09 1.58 0.00	21.44 1.35 0.00	26.77 1.85 0.00	26.25 1.86 0.00	29.52 1.96 -0.49	29.11 1.92 -0.44	30.21 2.05 -0.63	33.81 2.11 -0.61	33.20 2.13 -0.02	33.17 2.05 0.00	37.46 2.59 0.00	30.02 1.91 0.00	30.30 1.88 0.00	27.49 1.63 0.00	20.92 1.19 0.00	20.71 1.10 0.00
INGHAM_C_115KV_TB7 356103	18.91 0.52 0.00	10.60 0.29 -0.19	0.65 0.01 -0.44	4.70 0.13 -0.30	-1.81 -0.08 -0.53	6.07 0.19 -0.36	26.84 0.95 0.00	24.69 0.99 -1.25	24.36 0.85 0.00	20.53 0.45 0.00	25.36 0.45 0.00	25.17 0.78 0.00	27.46 0.39 0.00	27.06 0.31 0.00	28.03 0.50 0.00	31.70 0.62 0.00	31.64 0.59 0.00	32.15 1.03 0.00	36.39 1.53 0.00	29.00 0.88 0.00	29.15 0.73 0.00	26.52 0.65 0.00	20.21 0.48 0.00	20.07 0.45 0.00
IP CORINTH___1 23988	19.31 0.92 0.00	20.30 0.50 -9.67	22.03 0.01 -21.82	19.74 0.23 -15.24	24.22 -0.15 -26.63	24.01 0.42 -18.07	27.90 2.01 0.00	24.23 1.79 0.00	25.39 1.88 0.00	21.55 1.47 0.00	26.82 1.90 0.00	26.19 1.80 0.00	28.60 1.97 0.44	28.25 1.89 0.39	29.07 2.11 0.56	32.81 2.28 0.55	33.14 2.11 0.02	33.14 2.02 0.00	37.43 2.57 0.00	29.94 1.82 0.00	30.16 1.74 0.00	27.33 1.46 0.00	20.67 0.94 0.00	20.50 0.88 0.00
IP___TICONDEROGA 23804	20.14 1.74 0.00	20.69 0.91 -9.67	22.03 0.02 -21.81	19.84 0.35 -15.23	24.15 -0.21 -26.62	24.17 0.58 -18.06	28.67 2.78 0.00	24.94 2.50 0.00	26.08 2.57 0.00	22.11 2.03 0.00	27.55 2.63 0.00	26.81 2.42 0.00	29.28 2.66 0.44	29.01 2.66 0.40	29.92 2.96 0.57	33.74 3.22 0.56	34.38 3.35 0.02	34.58 3.46 0.00	39.40 4.54 0.00	31.19 3.07 0.00	31.33 2.91 0.00	28.38 2.51 0.00	21.39 1.66 0.00	21.29 1.67 0.00
ISLIP_RES_REC 323679	19.99 1.60 0.00	18.78 0.88 -7.79	17.78 0.02 -17.56	16.88 0.35 -12.27	19.00 -0.17 -21.44	20.53 0.46 -14.54	27.83 1.94 0.00	24.43 1.98 0.00	25.43 1.92 0.00	21.63 1.55 0.00	27.48 2.56 0.00	27.19 2.80 0.00	30.50 2.95 -0.48	31.98 2.90 -2.33	32.85 3.17 -2.15	34.95 3.27 -0.60	34.33 3.26 -0.02	34.25 3.13 0.00	50.56 3.95 -11.74	31.09 2.97 0.00	31.30 2.88 0.00	38.72 2.51 -10.35	22.35 1.83 -0.79	26.61 1.76 -5.24
JAMAICA__27_KV_LOAD 355505	19.86 1.46 0.00	18.72 0.82 -7.79	17.79 0.02 -17.56	16.88 0.35 -12.27	19.00 -0.18 -21.44	20.53 0.46 -14.55	28.06 2.17 0.00	24.36 1.91 0.00	25.44 1.94 0.00	21.74 1.66 0.00	27.15 2.23 0.00	26.64 2.24 0.00	29.95 2.41 -0.48	29.55 2.37 -0.43	30.68 2.53 -0.62	34.33 2.65 -0.60	33.73 2.66 -0.02	33.66 2.54 0.00	38.02 3.15 0.00	30.50 2.39 0.00	30.82 2.40 0.00	28.03 2.17 0.00	21.28 1.55 0.00	21.06 1.43 0.00
JANIS___SOLAR 323808	18.99 0.60 0.00	13.58 0.31 -3.15	7.31 0.01 -7.09	9.37 0.15 -4.96	6.31 -0.08 -8.66	11.64 0.24 -5.88	27.19 1.29 0.00	23.63 1.18 0.00	24.67 1.16 0.00	21.08 1.00 0.00	26.32 1.40 0.00	25.57 1.18 0.00	28.18 1.11 0.00	27.87 1.12 0.00	28.84 1.31 0.00	32.55 1.47 0.00	32.78 1.73 0.00	33.03 1.91 0.00	37.04 2.18 0.00	29.82 1.70 0.00	30.02 1.60 0.00	27.23 1.36 0.00	20.71 0.98 0.00	20.57 0.95 0.00
JARVIS____ 23743	18.43 0.04 0.00	10.34 0.02 -0.19	0.64 0.00 -0.44	4.58 0.01 -0.30	-1.74 -0.01 -0.53	5.91 0.02 -0.36	26.01 0.11 0.00	23.80 0.11 -1.25	23.61 0.10 0.00	20.16 0.08 0.00	25.03 0.11 0.00	24.50 0.11 0.00	27.18 0.11 0.00	26.86 0.11 0.00	27.63 0.10 0.00	31.20 0.12 0.00	31.18 0.13 0.00	31.27 0.15 0.00	35.07 0.20 0.00	28.23 0.11 0.00	28.53 0.12 0.00	25.97 0.10 0.00	19.81 0.08 0.00	19.68 0.06 0.00

JENNISON___1 23625	18.96 0.56 0.00	14.24 0.28 -3.84	8.87 0.00 -8.66	10.44 0.13 -6.05	8.24 -0.07 -10.57	12.91 0.21 -7.17	27.01 1.11 0.00	23.45 1.00 0.00	24.57 1.06 0.00	21.15 1.07 0.00	26.42 1.50 0.00	25.81 1.42 0.00	28.53 1.46 0.00	28.19 1.44 0.00	29.15 1.63 0.00	32.90 1.82 0.00	33.01 1.96 0.00	33.04 1.92 0.00	36.93 2.06 0.00	29.77 1.65 0.00	29.92 1.50 0.00	27.03 1.17 0.00	20.55 0.82 0.00	20.42 0.80 0.00
JENNISON___2 23626	18.96 0.56 0.00	14.24 0.28 -3.84	8.87 0.00 -8.66	10.44 0.13 -6.05	8.24 -0.07 -10.57	12.91 0.21 -7.17	27.01 1.11 0.00	23.45 1.00 0.00	24.57 1.06 0.00	21.15 1.07 0.00	26.42 1.50 0.00	25.81 1.42 0.00	28.53 1.46 0.00	28.19 1.44 0.00	29.15 1.63 0.00	32.90 1.82 0.00	33.01 1.96 0.00	33.04 1.92 0.00	36.93 2.06 0.00	29.77 1.65 0.00	29.92 1.50 0.00	27.03 1.17 0.00	20.55 0.82 0.00	20.42 0.80 0.00
JERICHO_RISE_WT_PWR 323719	18.36 -0.04 0.00	9.97 -0.15 0.00	-5.60 -0.01 5.79	-22.87 -0.24 26.89	-22.40 0.12 20.27	-22.96 -0.28 28.21	-24.41 -1.38 48.93	-21.46 -1.15 42.76	-24.27 -1.18 46.60	-16.46 -1.01 35.54	-24.83 -1.37 48.37	-26.93 -1.38 49.94	-26.13 -1.50 51.70	8.90 -1.40 16.45	26.61 -0.92 0.00	30.52 -0.56 0.00	30.54 -0.51 0.00	30.44 -0.68 0.00	34.05 -0.82 0.00	27.20 -0.92 0.00	27.28 -1.14 0.00	24.85 -1.02 0.00	11.71 -0.68 7.34	19.17 -0.45 0.00
KATONAH___115KV_46KV_TB4 355592	19.57 1.17 0.00	18.67 0.68 -7.88	17.98 0.01 -17.76	16.96 0.29 -12.41	19.27 -0.15 -21.68	20.62 0.38 -14.72	27.80 1.90 0.00	24.14 1.69 0.00	25.25 1.74 0.00	21.56 1.48 0.00	26.91 1.99 0.00	26.36 1.97 0.00	29.62 2.08 -0.47	29.20 2.04 -0.42	30.31 2.18 -0.60	33.93 2.26 -0.59	33.35 2.29 -0.02	33.35 2.23 0.00	37.67 2.81 0.00	30.20 2.08 0.00	30.47 2.05 0.00	27.63 1.77 0.00	21.00 1.27 0.00	20.79 1.17 0.00
KCE_NY_1 323755	19.34 0.94 0.00	20.32 0.54 -9.66	22.00 0.01 -21.79	19.73 0.24 -15.22	24.20 -0.14 -26.60	23.94 0.36 -18.05	27.65 1.75 0.00	23.98 1.53 0.00	25.11 1.60 0.00	21.33 1.25 0.00	26.49 1.57 0.00	25.89 1.50 0.00	28.27 1.65 0.45	27.88 1.54 0.41	28.64 1.70 0.58	32.38 1.87 0.57	32.87 1.84 0.02	32.92 1.80 0.00	37.16 2.29 0.00	29.76 1.64 0.00	30.04 1.62 0.00	27.23 1.36 0.00	20.67 0.94 0.00	20.49 0.87 0.00
KCE_NY_6_ESR 323823	17.95 -0.44 0.00	12.08 -0.27 -2.23	5.23 0.00 -5.03	7.70 -0.07 -3.51	3.90 0.02 -6.14	9.61 -0.08 -4.17	25.44 -0.46 0.00	21.74 -0.71 0.00	23.01 -0.50 0.00	20.23 0.15 0.00	25.44 0.52 0.00	24.89 0.50 0.00	27.49 0.42 0.00	27.15 0.40 0.00	27.82 0.30 0.00	31.44 0.36 0.00	31.14 0.09 0.00	31.04 -0.08 0.00	34.60 -0.27 0.00	28.30 0.18 0.00	28.66 0.24 0.00	26.26 0.40 0.00	19.91 0.18 0.00	19.92 0.30 0.00
KEDC_PORT_JEFF_GT2 24210	19.90 1.50 0.00	18.73 0.82 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.60 1.70 0.00	24.22 1.77 0.00	25.19 1.68 0.00	21.44 1.36 0.00	27.27 2.35 0.00	27.01 2.62 0.00	30.30 2.75 -0.48	31.78 2.70 -2.33	32.63 2.95 -2.15	34.66 2.98 -0.60	34.03 2.97 -0.02	33.96 2.84 0.00	50.18 3.57 -11.74	30.75 2.63 0.00	30.96 2.54 0.00	38.42 2.21 -10.35	22.17 1.64 -0.79	26.47 1.62 -5.24
KEDC_PORT_JEFF_GT3 24211	19.90 1.50 0.00	18.73 0.82 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.60 1.70 0.00	24.22 1.77 0.00	25.19 1.68 0.00	21.44 1.36 0.00	27.27 2.35 0.00	27.01 2.62 0.00	30.30 2.75 -0.48	31.78 2.70 -2.33	32.63 2.95 -2.15	34.66 2.98 -0.60	34.03 2.97 -0.02	33.96 2.84 0.00	50.18 3.57 -11.74	30.75 2.63 0.00	30.96 2.54 0.00	38.42 2.21 -10.35	22.17 1.64 -0.79	26.47 1.62 -5.24
KEDC_GLWD_GT4 24219	19.83 1.44 0.00	18.72 0.82 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.00 -0.17 -21.44	20.52 0.45 -14.54	28.02 2.12 0.00	24.37 1.92 0.00	25.43 1.91 0.00	21.67 1.59 0.00	27.30 2.38 0.00	26.89 2.50 0.00	30.23 2.68 -0.48	31.75 2.67 -2.33	32.49 2.81 -2.15	34.48 2.80 -0.60	33.84 2.78 -0.02	33.86 2.73 0.00	50.05 3.44 -11.74	30.70 2.58 0.00	30.96 2.54 0.00	38.42 2.21 -10.35	22.16 1.64 -0.79	26.41 1.55 -5.24
KEDC_GLWD_GT5 24220	19.83 1.44 0.00	18.72 0.82 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.00 -0.17 -21.44	20.52 0.45 -14.54	28.02 2.12 0.00	24.37 1.92 0.00	25.43 1.91 0.00	21.67 1.59 0.00	27.30 2.38 0.00	26.89 2.50 0.00	30.23 2.68 -0.48	31.75 2.67 -2.33	32.49 2.81 -2.15	34.48 2.80 -0.60	33.84 2.78 -0.02	33.86 2.73 0.00	50.05 3.44 -11.74	30.70 2.58 0.00	30.96 2.54 0.00	38.42 2.21 -10.35	22.16 1.64 -0.79	26.41 1.55 -5.24
KENSICO____ 23655	19.53 1.13 0.00	18.54 0.65 -7.78	17.75 0.01 -17.54	16.79 0.28 -12.25	19.01 -0.14 -21.41	20.42 0.36 -14.53	27.68 1.79 0.00	24.05 1.60 0.00	25.13 1.62 0.00	21.48 1.40 0.00	26.83 1.91 0.00	26.32 1.93 0.00	29.59 2.04 -0.48	29.17 2.00 -0.43	30.27 2.13 -0.62	33.87 2.19 -0.60	33.28 2.22 -0.02	33.25 2.13 0.00	37.53 2.67 0.00	30.09 1.97 0.00	30.37 1.95 0.00	27.56 1.69 0.00	20.96 1.23 0.00	20.76 1.14 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.66 1.27 0.00	17.98 0.73 -7.14	16.32 0.01 -16.10	15.82 0.32 -11.25	17.23 -0.16 -19.65	19.28 0.41 -13.34	27.94 2.04 0.00	24.32 1.87 0.00	25.32 1.81 0.00	21.59 1.51 0.00	26.81 1.89 0.00	26.23 1.84 0.00	29.32 2.03 -0.22	28.84 1.90 -0.20	29.89 2.08 -0.29	33.61 2.25 -0.28	33.37 2.31 -0.01	33.59 2.47 0.00	37.89 3.02 0.00	30.33 2.22 0.00	30.62 2.20 0.00	27.79 1.93 0.00	21.18 1.45 0.00	20.96 1.34 0.00
KIAC_JFK_GT1 23816	19.80 1.40 0.00	18.69 0.79 -7.79	17.79 0.02 -17.56	16.87 0.34 -12.27	19.00 -0.17 -21.44	20.52 0.44 -14.55	28.00 2.10 0.00	24.29 1.84 0.00	25.38 1.87 0.00	21.70 1.62 0.00	27.10 2.18 0.00	26.59 2.20 0.00	29.90 2.35 -0.48	29.49 2.31 -0.43	30.62 2.47 -0.62	34.26 2.58 -0.60	33.66 2.59 -0.02	33.55 2.43 0.00	37.91 3.04 0.00	30.42 2.31 0.00	30.74 2.32 0.00	27.97 2.11 0.00	21.22 1.49 0.00	21.00 1.37 0.00
KIAC_JFK_GT2 23817	19.80 1.40 0.00	18.69 0.79 -7.79	17.79 0.02 -17.56	16.87 0.34 -12.27	19.00 -0.17 -21.44	20.52 0.44 -14.55	28.00 2.10 0.00	24.29 1.84 0.00	25.38 1.87 0.00	21.70 1.62 0.00	27.10 2.18 0.00	26.59 2.20 0.00	29.90 2.35 -0.48	29.49 2.31 -0.43	30.62 2.47 -0.62	34.26 2.58 -0.60	33.66 2.59 -0.02	33.55 2.43 0.00	37.91 3.04 0.00	30.42 2.31 0.00	30.74 2.32 0.00	27.97 2.11 0.00	21.22 1.49 0.00	21.00 1.37 0.00
KIAC_JFK____ 323774	19.80 1.40 0.00	18.69 0.79 -7.79	17.79 0.02 -17.56	16.87 0.34 -12.27	19.00 -0.17 -21.44	20.52 0.45 -14.55	28.00 2.10 0.00	24.29 1.84 0.00	25.38 1.87 0.00	21.70 1.62 0.00	27.10 2.18 0.00	26.59 2.20 0.00	29.91 2.36 -0.48	29.49 2.32 -0.43	30.62 2.47 -0.62	34.26 2.58 -0.60	33.65 2.59 -0.02	33.56 2.43 0.00	37.90 3.04 0.00	30.42 2.31 0.00	30.74 2.32 0.00	27.97 2.11 0.00	21.22 1.49 0.00	20.99 1.37 0.00

KINTIGH____ 23543	17.74 -0.66 0.00	11.76 -0.38 -2.02	4.75 0.00 -4.55	7.31 -0.13 -3.18	3.35 0.05 -5.56	9.13 -0.17 -3.77	25.03 -0.87 0.00	21.41 -1.04 0.00	22.61 -0.90 0.00	19.80 -0.29 0.00	24.85 -0.07 0.00	24.32 -0.07 0.00	26.88 -0.19 0.00	26.54 -0.21 0.00	27.20 -0.33 0.00	30.71 -0.37 0.00	30.42 -0.62 0.00	30.34 -0.79 0.00	33.85 -1.02 0.00	27.65 -0.47 0.00	28.02 -0.41 0.00	25.66 -0.20 0.00	19.51 -0.22 0.00	19.53 -0.09 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.59 0.20 0.00	10.11 -0.01 0.00	-5.30 -0.01 5.50	-21.45 -0.20 25.51	-21.38 0.10 19.22	-21.46 -0.23 26.76	-21.60 -1.08 46.41	-18.89 -0.90 40.44	-21.58 -0.89 44.20	-14.39 -0.76 33.71	-22.06 -1.10 45.89	-24.18 -1.19 47.37	-23.31 -1.34 49.04	9.85 -1.30 15.60	26.76 -0.77 0.00	30.72 -0.36 0.00	30.82 -0.23 0.00	30.69 -0.43 0.00	34.54 -0.33 0.00	27.57 -0.55 0.00	27.66 -0.76 0.00	25.11 -0.75 0.00	12.32 -0.49 6.92	19.45 -0.17 0.00
LACHUTE__HYDRO 323717	20.14 1.74 0.00	20.69 0.91 -9.67	22.03 0.02 -21.81	19.84 0.35 -15.23	24.15 -0.21 -26.62	24.18 0.59 -18.06	28.67 2.78 0.00	24.94 2.50 0.00	26.07 2.56 0.00	22.11 2.03 0.00	27.55 2.63 0.00	26.82 2.43 0.00	29.28 2.66 0.44	29.01 2.66 0.40	29.93 2.97 0.57	33.74 3.22 0.56	34.38 3.35 0.02	34.58 3.46 0.00	39.40 4.54 0.00	31.18 3.06 0.00	31.33 2.91 0.00	28.38 2.51 0.00	21.39 1.66 0.00	21.29 1.67 0.00
LAWRNCV_115KV_TB1 80681	18.09 -0.30 0.00	10.15 -0.21 -0.23	1.53 -0.01 -1.33	8.23 -0.13 -4.11	1.27 0.07 -3.46	9.73 -0.15 -4.36	31.84 -0.86 -6.81	23.75 -0.85 -2.15	28.98 -1.02 -6.48	24.14 -0.89 -4.94	30.44 -1.20 -6.72	30.14 -1.19 -6.94	33.15 -1.18 -7.26	27.96 -1.15 -2.36	26.30 -1.23 0.00	29.96 -1.13 0.00	29.96 -1.09 0.00	30.25 -0.87 0.00	33.71 -1.16 0.00	27.14 -0.98 0.00	27.44 -0.99 0.00	25.03 -0.83 0.00	20.43 -0.43 -1.12	19.22 -0.40 0.00
LEDERLE____ 23769	19.50 1.10 0.00	17.87 0.62 -7.13	16.30 0.01 -16.07	15.76 0.27 -11.23	17.22 -0.14 -19.63	19.21 0.36 -13.32	27.66 1.76 0.00	24.03 1.58 0.00	25.07 1.56 0.00	21.48 1.40 0.00	26.85 1.93 0.00	26.34 1.95 0.00	29.50 2.04 -0.39	29.09 2.00 -0.35	30.17 2.15 -0.50	33.80 2.24 -0.48	33.34 2.28 -0.01	33.29 2.17 0.00	37.49 2.62 0.00	30.06 1.94 0.00	30.36 1.93 0.00	27.58 1.72 0.00	20.99 1.26 0.00	20.78 1.16 0.00
LIGHTHSE_115KV_TB6 355974	17.94 -0.46 0.00	11.14 -0.27 -1.29	3.23 0.00 -3.03	6.67 -0.12 -2.53	1.74 0.06 -3.94	8.32 -0.14 -2.93	26.22 -0.57 -0.89	20.02 -0.50 1.93	23.91 -0.45 -0.85	20.35 -0.38 -0.65	25.31 -0.50 -0.88	24.81 -0.49 -0.91	27.55 -0.48 -0.96	26.68 -0.38 -0.31	26.89 -0.64 0.00	30.56 -0.52 0.00	30.64 -0.41 0.00	30.75 -0.37 0.00	34.43 -0.44 0.00	27.71 -0.41 0.00	28.03 -0.39 0.00	25.52 -0.35 0.00	19.68 -0.20 -0.15	19.37 -0.25 0.00
LINDEN COGEN____ 23786	19.58 1.18 0.00	18.58 0.67 -7.79	17.78 0.01 -17.56	16.82 0.29 -12.27	19.03 -0.15 -21.44	20.44 0.37 -14.55	27.71 1.81 0.00	24.10 1.66 0.00	25.14 1.63 0.00	21.51 1.42 0.00	26.88 1.96 0.00	26.38 1.99 0.00	29.64 2.09 -0.48	29.23 2.05 -0.43	30.33 2.19 -0.62	33.92 2.23 -0.60	33.32 2.25 -0.02	33.27 2.15 0.00	37.07 2.71 0.50	30.11 2.00 0.00	30.40 1.98 0.00	27.60 1.73 0.00	21.03 1.30 0.00	20.82 1.20 0.00
LINDHRST_69_KV_BK1 356055	20.01 1.61 0.00	18.80 0.90 -7.79	17.78 0.02 -17.56	16.89 0.36 -12.27	18.99 -0.18 -21.44	20.54 0.47 -14.54	28.03 2.14 0.00	24.46 2.01 0.00	25.53 2.02 0.00	21.73 1.65 0.00	27.49 2.57 0.00	27.12 2.73 0.00	30.46 2.91 -0.48	31.94 2.86 -2.33	32.78 3.10 -2.15	34.82 3.14 -0.60	34.12 3.05 -0.02	34.12 3.00 0.00	50.41 3.81 -11.73	31.00 2.88 0.00	31.26 2.84 0.00	38.71 2.50 -10.35	22.37 1.85 -0.79	26.61 1.76 -5.23
LIPA_MISC_IPP 23656	19.87 1.47 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.47 0.40 -14.54	27.51 1.62 0.00	24.26 1.81 0.00	25.15 1.63 0.00	21.38 1.30 0.00	27.15 2.23 0.00	26.87 2.48 0.00	30.13 2.58 -0.48	31.63 2.54 -2.33	32.48 2.81 -2.15	34.53 2.85 -0.60	33.93 2.86 -0.02	34.00 2.88 0.00	50.27 3.67 -11.73	30.76 2.64 0.00	30.96 2.55 0.00	38.42 2.21 -10.35	22.19 1.67 -0.79	26.47 1.62 -5.23
LISF__SOLAR 323691	19.89 1.49 0.00	18.73 0.82 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.51 1.61 0.00	24.30 1.85 0.00	25.14 1.63 0.00	21.36 1.28 0.00	27.12 2.20 0.00	26.85 2.46 0.00	30.12 2.57 -0.48	31.60 2.52 -2.33	32.48 2.81 -2.15	34.53 2.85 -0.60	33.93 2.87 -0.02	34.05 2.93 0.00	50.32 3.71 -11.74	30.77 2.65 0.00	30.98 2.56 0.00	38.42 2.21 -10.35	22.23 1.70 -0.79	26.50 1.65 -5.24
LITTLE FALLS__HYD 24013	18.91 0.52 0.00	10.60 0.29 -0.19	0.65 0.01 -0.44	4.70 0.13 -0.30	-1.81 -0.08 -0.53	6.07 0.19 -0.36	26.84 0.95 0.00	24.69 0.99 -1.25	24.36 0.85 0.00	20.53 0.45 0.00	25.36 0.45 0.00	25.17 0.78 0.00	27.46 0.39 0.00	27.06 0.31 0.00	28.03 0.50 0.00	31.70 0.62 0.00	31.64 0.59 0.00	32.15 1.03 0.00	36.39 1.53 0.00	29.00 0.88 0.00	29.15 0.73 0.00	26.52 0.65 0.00	20.21 0.48 0.00	20.07 0.45 0.00
LITTLRIV_115KV_TB1 356100	18.35 -0.05 0.00	10.30 -0.08 -0.26	1.77 -0.01 -1.57	9.11 -0.08 -4.94	1.92 0.04 -4.13	10.69 -0.06 -5.23	33.67 -0.45 -8.22	24.81 -0.46 -2.82	30.65 -0.69 -7.83	25.42 -0.64 -5.97	32.17 -0.86 -8.12	31.90 -0.88 -8.38	34.95 -0.87 -8.75	28.74 -0.84 -2.83	26.67 -0.85 0.00	30.36 -0.72 0.00	30.33 -0.72 0.00	30.80 -0.32 0.00	34.36 -0.51 0.00	27.59 -0.53 0.00	27.86 -0.56 0.00	25.40 -0.47 0.00	20.98 -0.11 -1.36	19.50 -0.12 0.00
LI_NEWBRDGE__DRP 323616	19.67 1.27 0.00	18.63 0.73 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.02 -0.15 -21.44	20.46 0.39 -14.54	27.76 1.86 0.00	24.13 1.68 0.00	25.17 1.65 0.00	21.44 1.36 0.00	27.02 2.10 0.00	26.62 2.23 0.00	29.92 2.37 -0.48	31.41 2.33 -2.33	32.16 2.48 -2.15	34.14 2.46 -0.60	33.50 2.44 -0.02	33.49 2.37 0.00	49.64 3.04 -11.73	30.37 2.25 0.00	30.62 2.20 0.00	38.14 1.92 -10.35	21.95 1.43 -0.79	26.21 1.36 -5.23
LOCKPORT_115KV_TB60_63_64 80432	17.74 -0.66 0.00	11.83 -0.38 -2.10	4.93 -0.01 -4.72	7.45 -0.11 -3.30	3.55 0.04 -5.77	9.30 -0.14 -3.91	25.09 -0.81 0.00	21.39 -1.06 0.00	22.63 -0.88 0.00	19.93 -0.16 0.00	25.02 0.10 0.00	24.57 0.18 0.00	27.09 0.03 0.00	26.78 0.04 0.00	27.44 -0.09 0.00	30.99 -0.09 0.00	30.65 -0.40 0.00	30.45 -0.67 0.00	33.89 -0.97 0.00	27.79 -0.33 0.00	28.16 -0.26 0.00	25.84 -0.03 0.00	19.63 -0.11 0.00	19.67 0.05 0.00
LOCKPORT__CC1 323769	17.76 -0.64 0.00	11.84 -0.37 -2.10	4.93 0.00 -4.72	7.45 -0.11 -3.30	3.54 0.04 -5.77	9.30 -0.13 -3.91	25.11 -0.78 0.00	21.41 -1.04 0.00	22.65 -0.86 0.00	19.95 -0.13 0.00	25.06 0.14 0.00	24.61 0.22 0.00	27.12 0.05 0.00	26.80 0.06 0.00	27.46 -0.07 0.00	31.03 -0.06 0.00	30.66 -0.39 0.00	30.48 -0.64 0.00	33.93 -0.94 0.00	27.81 -0.31 0.00	28.18 -0.23 0.00	25.87 0.00 0.00	19.64 -0.09 0.00	19.70 0.08 0.00

LOCKPORT___CC2 323770	17.76 -0.64 0.00	11.84 -0.37 -2.10	4.93 0.00 -4.72	7.45 -0.11 -3.30	3.54 0.04 -5.77	9.30 -0.13 -3.91	25.11 -0.78 0.00	21.41 -1.04 0.00	22.65 -0.86 0.00	19.95 -0.13 0.00	25.06 0.14 0.00	24.61 0.22 0.00	27.12 0.05 0.00	26.80 0.06 0.00	27.46 -0.07 0.00	31.03 -0.06 0.00	30.66 -0.39 0.00	30.48 -0.64 0.00	33.93 -0.94 0.00	27.81 -0.31 0.00	28.18 -0.23 0.00	25.87 0.00 0.00	19.64 -0.09 0.00	19.70 0.08 0.00
LOCKPORT___CC3 323771	17.76 -0.64 0.00	11.84 -0.37 -2.10	4.93 0.00 -4.72	7.45 -0.11 -3.30	3.54 0.04 -5.77	9.30 -0.13 -3.91	25.11 -0.78 0.00	21.41 -1.04 0.00	22.65 -0.86 0.00	19.95 -0.13 0.00	25.06 0.14 0.00	24.61 0.22 0.00	27.12 0.05 0.00	26.80 0.06 0.00	27.46 -0.07 0.00	31.03 -0.06 0.00	30.66 -0.39 0.00	30.48 -0.64 0.00	33.93 -0.94 0.00	27.81 -0.31 0.00	28.18 -0.23 0.00	25.87 0.00 0.00	19.64 -0.09 0.00	19.70 0.08 0.00
LONG_LAKE_PHOENIX 24014	18.15 -0.25 0.00	11.42 -0.14 -1.44	3.46 0.00 -3.25	6.48 -0.05 -2.27	1.74 0.03 -3.97	8.15 -0.07 -2.70	25.59 -0.31 0.00	21.55 -0.28 0.61	23.19 -0.32 0.00	19.84 -0.25 0.00	24.60 -0.31 0.00	24.06 -0.33 0.00	26.69 -0.38 0.00	26.40 -0.34 0.00	27.14 -0.39 0.00	30.66 -0.42 0.00	30.63 -0.42 0.00	30.70 -0.42 0.00	34.42 -0.44 0.00	27.74 -0.38 0.00	28.04 -0.38 0.00	25.58 -0.29 0.00	19.56 -0.17 0.00	19.46 -0.16 0.00
LOVETT___3 23632	19.40 1.00 0.00	17.82 0.57 -7.14	16.31 0.01 -16.10	15.76 0.25 -11.25	17.26 -0.13 -19.65	19.19 0.34 -13.33	27.52 1.63 0.00	23.89 1.44 0.00	24.92 1.41 0.00	21.36 1.27 0.00	26.70 1.78 0.00	26.18 1.79 0.00	29.32 1.86 -0.39	28.92 1.83 -0.35	30.00 1.97 -0.50	33.59 2.02 -0.49	33.11 2.05 -0.01	33.04 1.92 0.00	37.20 2.33 0.00	29.85 1.73 0.00	30.15 1.73 0.00	27.42 1.55 0.00	20.86 1.13 0.00	20.65 1.04 0.00
LOVETT___4 23642	19.40 1.00 0.00	17.82 0.57 -7.14	16.31 0.01 -16.10	15.76 0.25 -11.25	17.26 -0.13 -19.65	19.19 0.34 -13.33	27.52 1.63 0.00	23.89 1.44 0.00	24.92 1.41 0.00	21.36 1.27 0.00	26.70 1.78 0.00	26.18 1.79 0.00	29.32 1.86 -0.39	28.92 1.83 -0.35	30.00 1.97 -0.50	33.59 2.02 -0.49	33.11 2.05 -0.01	33.04 1.92 0.00	37.20 2.33 0.00	29.85 1.73 0.00	30.15 1.73 0.00	27.42 1.55 0.00	20.86 1.13 0.00	20.65 1.04 0.00
LOVETT___5 23593	19.40 1.00 0.00	17.82 0.57 -7.14	16.31 0.01 -16.10	15.76 0.25 -11.25	17.26 -0.13 -19.65	19.19 0.34 -13.33	27.52 1.63 0.00	23.89 1.44 0.00	24.92 1.41 0.00	21.36 1.27 0.00	26.70 1.78 0.00	26.18 1.79 0.00	29.32 1.86 -0.39	28.92 1.83 -0.35	30.00 1.97 -0.50	33.59 2.02 -0.49	33.11 2.05 -0.01	33.04 1.92 0.00	37.20 2.33 0.00	29.85 1.73 0.00	30.15 1.73 0.00	27.42 1.55 0.00	20.86 1.13 0.00	20.65 1.04 0.00
LOWER RAQUET___HYD 24057	18.05 -0.35 0.00	10.15 -0.24 -0.26	1.77 -0.01 -1.57	9.05 -0.15 -4.94	1.96 0.08 -4.13	10.58 -0.17 -5.23	33.15 -0.97 -8.22	24.28 -0.98 -2.82	30.17 -1.17 -7.83	25.02 -1.03 -5.97	31.65 -1.38 -8.12	31.40 -1.37 -8.38	34.45 -1.37 -8.75	28.25 -1.33 -2.83	26.11 -1.42 0.00	29.77 -1.31 0.00	29.78 -1.27 0.00	30.10 -1.01 0.00	33.54 -1.32 0.00	26.99 -1.13 0.00	27.27 -1.15 0.00	24.90 -0.97 0.00	20.61 -0.48 -1.36	19.15 -0.46 0.00
LOWER___HUDSON 24059	19.16 0.76 0.00	20.13 0.45 -9.56	21.78 0.01 -21.57	19.52 0.20 -15.07	23.96 -0.10 -26.33	23.66 0.27 -17.86	27.17 1.27 0.00	23.54 1.09 0.00	24.64 1.13 0.00	20.94 0.86 0.00	25.46 1.09 0.00	25.46 1.07 0.00	27.59 1.11 0.59	27.29 1.07 0.52	27.98 1.20 0.75	31.54 1.20 0.74	32.28 1.26 0.02	32.33 1.21 0.00	36.51 1.65 0.00	29.23 1.11 0.00	29.51 1.09 0.00	26.77 0.90 0.00	20.36 0.63 0.00	20.20 0.58 0.00
LOWVILLE_115KV_TB2 356335	17.73 -0.67 0.00	10.29 -0.42 -0.59	1.81 -0.01 -1.62	6.31 -0.19 -2.24	0.46 0.11 -2.62	7.77 -0.23 -2.48	27.31 -0.96 -2.38	38.80 -0.76 -17.11	25.19 -0.58 -2.26	21.26 -0.55 -1.72	26.45 -0.81 -2.35	26.11 -0.70 -2.42	29.17 -0.44 -2.54	27.38 -0.20 -0.83	26.57 -0.96 0.00	30.71 -0.37 0.00	30.93 -0.12 0.00	31.28 0.16 0.00	34.87 0.00 0.00	27.87 -0.24 0.00	28.28 -0.14 0.00	25.53 -0.34 0.00	20.03 -0.10 -0.40	19.38 -0.24 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.35 0.95 0.00	20.32 0.54 -9.66	22.00 0.01 -21.79	19.73 0.24 -15.22	24.20 -0.14 -26.60	23.93 0.36 -18.05	27.63 1.74 0.00	23.95 1.51 0.00	25.08 1.57 0.00	21.32 1.23 0.00	26.48 1.56 0.00	25.89 1.50 0.00	28.25 1.63 0.45	27.88 1.54 0.41	28.65 1.71 0.58	32.37 1.86 0.57	32.88 1.85 0.02	32.92 1.80 0.00	37.16 2.30 0.00	29.78 1.66 0.00	30.04 1.62 0.00	27.23 1.37 0.00	20.67 0.94 0.00	20.50 0.88 0.00
LUTHERNY_35_KV_BK2 355980	19.34 0.94 0.00	20.32 0.54 -9.66	22.00 0.01 -21.79	19.73 0.24 -15.22	24.20 -0.14 -26.60	23.93 0.36 -18.05	27.65 1.75 0.00	23.98 1.53 0.00	25.10 1.59 0.00	21.33 1.24 0.00	26.48 1.56 0.00	25.89 1.50 0.00	28.26 1.64 0.45	27.88 1.53 0.41	28.64 1.69 0.58	32.38 1.87 0.57	32.87 1.84 0.02	32.92 1.80 0.00	37.16 2.29 0.00	29.76 1.64 0.00	30.04 1.62 0.00	27.23 1.36 0.00	20.67 0.94 0.00	20.49 0.87 0.00
LWR___OSWEGATCHIE_HYD 23850	17.70 -0.69 0.00	10.14 -0.44 -0.46	1.90 -0.01 -1.70	7.85 -0.22 -3.80	1.44 0.12 -3.59	9.36 -0.25 -4.08	30.32 -1.16 -5.59	18.72 -1.08 2.65	27.77 -1.07 -5.33	23.19 -0.95 -4.06	29.14 -1.30 -5.52	28.85 -1.24 -5.70	31.87 -1.16 -5.96	27.66 -1.02 -1.93	26.11 -1.42 0.00	29.97 -1.11 0.00	30.10 -0.95 0.00	30.38 -0.74 0.00	33.87 -1.00 0.00	27.20 -0.92 0.00	27.53 -0.89 0.00	25.00 -0.86 0.00	20.17 -0.49 -0.93	19.06 -0.56 0.00
LYONS_FALL_HYD 23570	18.14 -0.26 0.00	10.49 -0.17 -0.54	1.61 0.00 -1.41	5.91 -0.08 -1.72	-0.07 0.05 -2.15	7.36 -0.09 -1.93	27.15 -0.33 -1.59	23.59 -0.20 -1.34	24.93 -0.10 -1.51	21.10 -0.14 -1.15	26.25 -0.24 -1.57	25.78 -0.23 -1.62	28.74 -0.04 -1.71	27.43 0.11 -0.57	27.17 -0.36 0.00	31.14 0.06 0.00	31.27 0.23 0.00	31.62 0.50 0.00	35.33 0.47 0.00	28.28 0.16 0.00	28.62 0.20 0.00	25.91 0.04 0.00	20.15 0.14 -0.27	19.66 0.04 0.00
MADISON___COUNTY_LFGE 323628	18.78 0.38 0.00	11.14 0.20 -0.82	2.06 0.00 -1.85	5.65 0.09 -1.29	-0.05 -0.05 -2.26	7.20 0.14 -1.54	26.58 0.69 0.00	25.37 0.72 -2.21	24.24 0.73 0.00	20.65 0.57 0.00	25.65 0.73 0.00	24.96 0.57 0.00	27.76 0.69 0.00	27.50 0.75 0.00	28.24 0.71 0.00	31.99 0.91 0.00	32.01 0.96 0.00	32.34 1.23 0.00	36.28 1.41 0.00	29.09 0.97 0.00	29.33 0.91 0.00	26.63 0.76 0.00	20.36 0.63 0.00	20.19 0.57 0.00
MALONE___115KV_TB1 356076	18.44 0.04 0.00	10.19 -0.09 -0.15	4.31 -0.01 -4.11	21.83 -0.18 -17.75	11.44 0.09 -13.61	23.97 -0.20 -18.64	56.74 -1.01 -31.85	46.19 -0.85 -24.59	52.95 -0.90 -30.33	42.44 -0.77 -23.13	55.29 -1.08 -31.45	55.77 -1.09 -32.47	59.59 -1.16 -33.68	36.39 -1.12 -10.76	26.76 -0.77 0.00	30.66 -0.42 0.00	30.68 -0.37 0.00	30.71 -0.41 0.00	34.35 -0.52 0.00	27.45 -0.66 0.00	27.60 -0.82 0.00	25.11 -0.76 0.00	24.62 -0.46 -5.35	19.33 -0.30 0.00

MAPLEWOD_115KV_TB3 80458	19.05 0.65 0.00	19.99 0.39 -9.48	21.59 0.01 -21.38	19.37 0.17 -14.94	23.75 -0.09 -26.10	23.46 0.23 -17.71	27.03 1.13 0.00	23.43 0.98 0.00	24.56 1.05 0.00	20.88 0.79 0.00	25.89 0.98 0.00	25.34 0.95 0.00	27.53 0.99 0.53	27.19 0.91 0.47	27.87 1.02 0.68	31.48 1.07 0.66	32.19 1.17 0.02	32.23 1.11 0.00	36.45 1.58 0.00	29.19 1.07 0.00	29.47 1.05 0.00	26.72 0.86 0.00	20.31 0.58 0.00	20.15 0.53 0.00
MAPLE RIDGE_WT_1 323574	-39.00 -0.95 56.45	4.86 -0.53 4.73	-0.04 -0.01 0.24	2.93 -0.24 1.09	-2.95 0.13 0.82	1.44 -0.32 3.76	8.82 -1.56 15.51	9.68 -1.35 11.42	-10.86 -1.38 32.99	17.65 -0.98 1.45	21.83 -1.14 1.96	21.44 -0.93 2.02	25.12 -0.53 1.42	26.24 -0.51 0.00	26.37 -1.16 0.00	30.39 -0.69 0.00	30.31 -0.74 0.00	30.52 -0.60 0.00	33.90 -0.97 0.00	27.21 -0.91 0.00	27.60 -0.81 0.00	25.21 -0.66 0.00	19.26 -0.47 0.00	19.06 -0.55 0.00
MAPLE RIDGE_WT_2 323611	-39.00 -0.95 56.45	4.86 -0.53 4.73	-0.04 -0.01 0.24	2.93 -0.24 1.09	-2.95 0.13 0.82	1.44 -0.32 3.76	8.82 -1.56 15.51	9.68 -1.35 11.42	-10.86 -1.38 32.99	17.65 -0.98 1.45	21.83 -1.14 1.96	21.44 -0.93 2.02	25.12 -0.53 1.42	26.24 -0.51 0.00	26.37 -1.16 0.00	30.39 -0.69 0.00	30.31 -0.74 0.00	30.52 -0.60 0.00	33.90 -0.97 0.00	27.21 -0.91 0.00	27.60 -0.81 0.00	25.21 -0.66 0.00	19.26 -0.47 0.00	19.06 -0.55 0.00
MARBLE_RIVER_WT_PWR 323696	18.40 0.01 0.00	10.00 -0.12 0.00	-5.20 -0.01 5.39	-21.00 -0.23 25.03	-21.00 0.12 18.86	-21.00 -0.28 26.25	-21.00 -1.36 45.54	-18.31 -1.13 39.63	-21.00 -1.14 43.37	-13.99 -1.00 33.07	-21.44 -1.34 45.02	-23.41 -1.32 46.48	-22.51 -1.47 48.12	10.02 -1.42 15.31	26.61 -0.92 0.00	30.54 -0.55 0.00	30.58 -0.47 0.00	30.45 -0.67 0.00	34.12 -0.75 0.00	27.22 -0.89 0.00	27.29 -1.13 0.00	24.85 -1.02 0.00	12.28 -0.68 6.77	19.21 -0.41 0.00
MARSHVLE_115KV_TB1 80742	18.91 0.51 0.00	20.06 0.22 -9.72	22.13 0.00 -21.92	19.67 0.09 -15.32	24.45 -0.05 -26.76	23.86 0.18 -18.16	26.83 0.94 0.00	23.27 0.82 0.00	24.36 0.85 0.00	20.80 0.72 0.00	25.83 0.91 0.00	25.09 0.70 0.00	27.78 1.08 0.37	27.35 0.93 0.33	27.90 0.84 0.47	31.68 1.06 0.46	32.08 1.04 0.01	32.32 1.20 0.00	35.96 1.09 0.00	29.16 1.04 0.00	29.59 1.17 0.00	27.06 1.19 0.00	20.61 0.88 0.00	20.45 0.83 0.00
MARSH_HILL_WT_PWR 323713	17.41 -0.98 0.00	12.16 -0.52 -2.56	5.98 -0.01 -5.78	8.13 -0.17 -4.04	4.88 0.09 -7.06	10.13 -0.18 -4.79	25.34 -0.56 0.00	21.90 -0.55 0.00	22.96 -0.55 0.00	19.94 -0.14 0.00	25.41 0.49 0.00	24.73 0.34 0.00	27.39 0.32 0.00	27.29 0.55 0.00	27.92 0.39 0.00	31.87 0.79 0.00	31.59 0.54 0.00	31.56 0.44 0.00	35.24 0.37 0.00	28.34 0.23 0.00	28.57 0.15 0.00	26.06 0.20 0.00	19.66 -0.07 0.00	19.53 -0.09 0.00
MCINTYRE_115KV_TB2 80467	18.59 0.19 0.00	10.43 0.05 -0.26	1.78 0.00 -1.57	9.17 -0.03 -4.94	1.89 0.01 -4.13	10.78 0.02 -5.23	34.15 0.03 -8.22	25.22 -0.05 -2.82	31.09 -0.25 -7.83	25.77 -0.29 -5.97	32.63 -0.40 -8.12	32.33 -0.44 -8.38	35.39 -0.43 -8.75	29.14 -0.44 -2.83	27.17 -0.36 0.00	30.89 -0.19 0.00	30.84 -0.21 0.00	31.33 0.21 0.00	35.01 0.14 0.00	28.15 0.03 0.00	28.41 -0.01 0.00	25.87 0.01 0.00	21.28 0.18 -1.36	19.77 0.15 0.00
MECO____69_KV_BK1 80468	19.48 1.09 0.00	20.41 0.57 -9.72	22.14 0.01 -21.92	19.82 0.25 -15.32	24.36 -0.14 -26.76	24.04 0.36 -18.16	27.62 1.72 0.00	24.21 1.76 0.00	24.94 1.43 0.00	20.61 0.53 0.00	25.26 0.34 0.00	25.53 1.14 0.00	26.86 0.16 0.37	26.86 0.44 0.33	27.89 0.83 0.47	31.90 1.28 0.46	31.85 0.82 0.01	33.12 2.01 0.00	37.27 2.40 0.00	29.87 1.76 0.00	30.17 1.75 0.00	27.46 1.60 0.00	20.96 1.23 0.00	20.74 1.12 0.00
MENANDS_115KV_TB5 355628	18.95 0.55 0.00	19.92 0.33 -9.47	21.57 0.01 -21.35	19.33 0.15 -14.92	23.74 -0.08 -26.07	23.41 0.19 -17.69	26.86 0.96 0.00	23.27 0.82 0.00	24.40 0.89 0.00	20.75 0.67 0.00	25.75 0.82 0.00	25.19 0.80 0.00	27.37 0.82 0.52	27.04 0.76 0.47	27.73 0.87 0.67	31.29 0.87 0.66	32.00 0.98 0.02	32.03 0.91 0.00	36.24 1.37 0.00	29.01 0.89 0.00	29.29 0.87 0.00	26.56 0.70 0.00	20.20 0.46 0.00	20.03 0.41 0.00
MG INDUSTRY___DRP 24185	19.04 0.64 0.00	19.79 0.38 -9.29	21.16 0.01 -20.95	19.06 0.16 -14.64	23.23 -0.08 -25.58	23.07 0.19 -17.35	26.84 0.94 0.00	23.27 0.82 0.00	24.42 0.91 0.00	20.78 0.70 0.00	25.78 0.86 0.00	25.23 0.84 0.00	27.63 0.85 0.29	27.29 0.80 0.26	28.04 0.89 0.38	31.65 0.95 0.38	32.07 1.03 0.01	32.11 0.99 0.00	36.27 1.41 0.00	29.09 0.97 0.00	29.38 0.97 0.00	26.67 0.80 0.00	20.30 0.57 0.00	20.15 0.53 0.00
MID___OSWEGATCHIE_HYD 23849	17.70 -0.69 0.00	10.14 -0.44 -0.46	1.90 -0.01 -1.70	7.85 -0.22 -3.80	1.44 0.12 -3.59	9.36 -0.25 -4.08	30.32 -1.16 -5.59	18.72 -1.08 2.65	27.77 -1.07 -5.33	23.19 -0.95 -4.06	29.14 -1.30 -5.52	28.85 -1.24 -5.70	31.87 -1.16 -5.96	27.66 -1.02 -1.93	26.11 -1.42 0.00	29.97 -1.11 0.00	30.10 -0.95 0.00	30.38 -0.74 0.00	33.87 -1.00 0.00	27.20 -0.92 0.00	27.53 -0.89 0.00	25.00 -0.86 0.00	20.17 -0.49 -0.93	19.06 -0.56 0.00
MID___RAQUETTE_HYD 23851	18.05 -0.35 0.00	10.15 -0.24 -0.26	1.77 -0.01 -1.57	9.05 -0.15 -4.94	1.96 0.08 -4.13	10.59 -0.17 -5.23	33.15 -0.97 -8.22	24.29 -0.97 -2.82	30.17 -1.17 -7.83	25.03 -1.03 -5.97	31.66 -1.38 -8.12	31.41 -1.36 -8.38	34.45 -1.37 -8.75	28.25 -1.33 -2.83	26.11 -1.42 0.00	29.77 -1.31 0.00	29.78 -1.27 0.00	30.10 -1.01 0.00	33.54 -1.32 0.00	26.99 -1.13 0.00	27.27 -1.15 0.00	24.90 -0.97 0.00	20.61 -0.48 -1.36	19.16 -0.46 0.00
MILLIKEN___1 23584	18.81 0.41 0.00	12.89 0.21 -2.56	5.98 0.00 -5.76	8.40 0.11 -4.03	4.72 -0.06 -7.04	10.46 0.15 -4.78	26.73 0.83 0.00	23.23 0.78 0.00	24.31 0.80 0.00	20.82 0.74 0.00	25.94 1.02 0.00	25.27 0.88 0.00	27.88 0.81 0.00	27.63 0.88 0.00	28.49 0.96 0.00	32.13 1.05 0.00	32.13 1.09 0.00	32.25 1.12 0.00	36.18 1.31 0.00	29.15 1.03 0.00	29.40 0.98 0.00	26.76 0.90 0.00	20.36 0.63 0.00	20.24 0.62 0.00
MILLIKEN___2 23585	18.81 0.41 0.00	12.89 0.21 -2.56	5.98 0.00 -5.76	8.40 0.11 -4.03	4.72 -0.06 -7.04	10.46 0.15 -4.78	26.73 0.83 0.00	23.23 0.78 0.00	24.31 0.80 0.00	20.82 0.74 0.00	25.94 1.02 0.00	25.27 0.88 0.00	27.88 0.81 0.00	27.63 0.88 0.00	28.49 0.96 0.00	32.13 1.05 0.00	32.13 1.09 0.00	32.25 1.12 0.00	36.18 1.31 0.00	29.15 1.03 0.00	29.40 0.98 0.00	26.76 0.90 0.00	20.36 0.63 0.00	20.24 0.62 0.00
MILLIKEN___DIESEL 23629	18.81 0.41 0.00	12.89 0.21 -2.56	5.98 0.00 -5.76	8.40 0.11 -4.03	4.72 -0.06 -7.04	10.46 0.15 -4.78	26.73 0.83 0.00	23.23 0.78 0.00	24.31 0.80 0.00	20.82 0.74 0.00	25.94 1.02 0.00	25.27 0.88 0.00	27.88 0.81 0.00	27.63 0.88 0.00	28.49 0.96 0.00	32.13 1.05 0.00	32.13 1.09 0.00	32.25 1.12 0.00	36.18 1.31 0.00	29.15 1.03 0.00	29.40 0.98 0.00	26.76 0.90 0.00	20.36 0.63 0.00	20.24 0.62 0.00

MILLSEAT___LFGE 323607	18.08 -0.32 0.00	11.98 -0.20 -2.06	4.85 0.00 -4.65	7.47 -0.04 -3.25	3.41 0.00 -5.68	9.34 -0.03 -3.85	25.65 -0.24 0.00	21.95 -0.50 0.00	23.20 -0.31 0.00	20.36 0.28 0.00	25.54 0.62 0.00	25.00 0.61 0.00	27.54 0.47 0.00	27.25 0.50 0.00	27.96 0.43 0.00	31.59 0.51 0.00	31.27 0.22 0.00	31.14 0.02 0.00	34.73 -0.14 0.00	28.42 0.31 0.00	28.77 0.36 0.00	26.36 0.50 0.00	19.99 0.26 0.00	20.02 0.39 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.49 1.10 0.00	18.48 0.63 -7.73	17.66 0.01 -17.44	16.72 0.27 -12.19	18.89 -0.14 -21.29	20.33 0.36 -14.45	27.64 1.75 0.00	24.00 1.55 0.00	25.09 1.58 0.00	21.44 1.36 0.00	26.78 1.86 0.00	26.27 1.88 0.00	29.52 1.97 -0.47	29.11 1.94 -0.42	30.21 2.07 -0.61	33.80 2.13 -0.59	33.22 2.16 -0.02	33.19 2.07 0.00	37.46 2.60 0.00	30.03 1.91 0.00	30.31 1.89 0.00	27.51 1.65 0.00	20.93 1.20 0.00	20.72 1.10 0.00
MILLWOOD_13_KV_LOAD 356217	19.53 1.14 0.00	18.51 0.65 -7.73	17.66 0.02 -17.44	16.73 0.28 -12.19	18.88 -0.14 -21.29	20.34 0.37 -14.45	27.72 1.82 0.00	24.07 1.62 0.00	25.16 1.65 0.00	21.50 1.42 0.00	26.86 1.94 0.00	26.34 1.95 0.00	29.60 2.06 -0.47	29.19 2.02 -0.42	30.29 2.15 -0.61	33.90 2.23 -0.59	33.33 2.26 -0.02	33.29 2.17 0.00	37.59 2.73 0.00	30.13 2.01 0.00	30.40 1.98 0.00	27.59 1.72 0.00	20.98 1.25 0.00	20.77 1.15 0.00
MODEL_CITY_ENERGY 24167	17.52 -0.87 0.00	11.74 -0.50 -2.12	4.98 -0.01 -4.78	7.44 -0.16 -3.34	3.64 0.06 -5.84	9.28 -0.21 -3.96	24.77 -1.13 0.00	21.08 -1.37 0.00	22.32 -1.19 0.00	19.67 -0.41 0.00	24.71 -0.21 0.00	24.29 -0.10 0.00	26.77 -0.30 0.00	26.45 -0.30 0.00	27.09 -0.44 0.00	30.60 -0.48 0.00	30.25 -0.80 0.00	30.03 -1.09 0.00	33.39 -1.48 0.00	27.40 -0.72 0.00	27.78 -0.64 0.00	25.51 -0.36 0.00	19.38 -0.36 0.00	19.46 -0.16 0.00
MODERN_LFGE___ 323580	17.52 -0.87 0.00	11.74 -0.50 -2.12	4.98 -0.01 -4.78	7.44 -0.16 -3.34	3.64 0.06 -5.84	9.28 -0.21 -3.96	24.77 -1.13 0.00	21.08 -1.37 0.00	22.32 -1.19 0.00	19.67 -0.41 0.00	24.71 -0.21 0.00	24.29 -0.10 0.00	26.77 -0.30 0.00	26.45 -0.30 0.00	27.09 -0.44 0.00	30.60 -0.48 0.00	30.25 -0.80 0.00	30.03 -1.09 0.00	33.39 -1.48 0.00	27.40 -0.72 0.00	27.78 -0.64 0.00	25.51 -0.36 0.00	19.38 -0.36 0.00	19.46 -0.16 0.00
MOHAWK_PAPER___DRP 24187	19.05 0.65 0.00	19.99 0.39 -9.48	21.59 0.01 -21.38	19.37 0.17 -14.94	23.75 -0.09 -26.10	23.46 0.23 -17.71	27.03 1.13 0.00	23.43 0.98 0.00	24.56 1.05 0.00	20.88 0.79 0.00	25.89 0.98 0.00	25.34 0.95 0.00	27.53 0.99 0.53	27.19 0.91 0.47	27.87 1.02 0.68	31.48 1.07 0.66	32.19 1.17 0.02	32.23 1.11 0.00	36.45 1.58 0.00	29.19 1.07 0.00	29.47 1.05 0.00	26.72 0.86 0.00	20.31 0.58 0.00	20.15 0.53 0.00
MOHICAN___35_KV_115KV_LD 80490	19.44 1.05 0.00	20.35 0.57 -9.66	22.02 0.01 -21.80	19.75 0.26 -15.23	24.19 -0.16 -26.61	24.01 0.43 -18.06	27.95 2.06 0.00	24.26 1.81 0.00	25.42 1.91 0.00	21.58 1.50 0.00	26.85 1.93 0.00	26.20 1.81 0.00	28.60 1.98 0.45	28.25 1.90 0.40	29.09 2.14 0.58	32.82 2.31 0.57	33.26 2.22 0.02	33.29 2.16 0.00	37.65 2.78 0.00	30.06 1.95 0.00	30.30 1.88 0.00	27.45 1.58 0.00	20.77 1.04 0.00	20.60 0.98 0.00
MONGAUP___HYD 23641	19.39 1.00 0.00	17.50 0.56 -6.82	15.60 0.01 -15.38	15.25 0.25 -10.74	16.39 -0.13 -18.77	18.59 0.32 -12.74	27.46 1.57 0.00	23.85 1.40 0.00	24.92 1.41 0.00	21.23 1.15 0.00	26.43 1.51 0.00	25.85 1.46 0.00	28.98 1.55 -0.35	28.59 1.53 -0.32	29.64 1.65 -0.45	33.26 1.74 -0.44	32.86 1.80 -0.01	32.93 1.81 0.00	36.97 2.10 0.00	29.72 1.60 0.00	29.96 1.54 0.00	27.33 1.47 0.00	20.84 1.10 0.00	20.64 1.02 0.00
MONTAUK___DIESEL 23721	20.37 1.97 0.00	18.99 1.09 -7.79	17.78 0.02 -17.56	16.97 0.44 -12.27	18.95 -0.23 -21.44	20.66 0.59 -14.54	28.51 2.62 0.00	25.05 2.60 0.00	26.12 2.60 0.00	22.20 2.12 0.00	28.17 3.25 0.00	27.88 3.49 0.00	31.23 3.68 -0.48	32.73 3.65 -2.33	33.62 3.94 -2.15	35.90 4.22 -0.60	35.35 4.28 -0.02	35.20 4.08 0.00	51.67 5.07 -11.73	32.11 4.00 0.00	32.28 3.86 0.00	39.60 3.39 -10.35	22.87 2.35 -0.79	27.09 2.23 -5.23
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.71 -0.69 0.00	12.02 -0.41 -2.31	5.40 0.00 -5.20	7.81 -0.09 -3.64	4.12 0.03 -6.35	9.77 -0.06 -4.31	25.69 -0.21 0.00	21.86 -0.59 0.00	23.34 -0.17 0.00	20.49 0.41 0.00	25.75 0.82 0.00	25.39 1.00 0.00	28.24 1.17 0.00	27.94 1.19 0.00	28.68 1.16 0.00	32.25 1.16 0.00	32.02 0.97 0.00	31.83 0.71 0.00	35.44 0.57 0.00	28.90 0.78 0.00	29.09 0.67 0.00	26.48 0.61 0.00	19.96 0.22 0.00	19.87 0.25 0.00
MORTIMER_115KV_TB3 55949	18.08 -0.32 0.00	11.85 -0.19 -1.92	4.54 0.00 -4.33	7.23 -0.06 -3.03	3.05 0.02 -5.29	9.05 -0.06 -3.59	25.62 -0.27 0.00	22.02 -0.43 0.00	23.22 -0.29 0.00	20.19 0.10 0.00	25.25 0.33 0.00	24.69 0.29 0.00	27.31 0.23 0.00	26.98 0.24 0.00	27.71 0.19 0.00	31.29 0.21 0.00	31.08 0.03 0.00	31.02 -0.10 0.00	34.68 -0.18 0.00	28.25 0.13 0.00	28.57 0.15 0.00	26.10 0.24 0.00	19.83 0.09 0.00	19.77 0.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.63 1.23 0.00	18.61 0.70 -7.79	17.78 0.01 -17.56	16.84 0.30 -12.27	19.03 -0.15 -21.44	20.47 0.39 -14.55	27.83 1.93 0.00	24.18 1.73 0.00	25.27 1.76 0.00	21.60 1.52 0.00	27.01 2.09 0.00	26.49 2.10 0.00	29.78 2.23 -0.48	29.36 2.18 -0.43	30.46 2.32 -0.62	34.09 2.41 -0.60	33.48 2.41 -0.02	33.44 2.32 0.00	37.75 2.89 0.00	30.27 2.15 0.00	30.54 2.12 0.00	27.73 1.86 0.00	21.09 1.36 0.00	20.88 1.26 0.00
MUNSVILLE_WIND_PWR 323609	19.17 0.77 0.00	14.01 0.40 -3.49	8.10 0.01 -7.88	9.96 0.19 -5.50	7.25 -0.11 -9.62	12.37 0.32 -6.53	27.68 1.78 0.00	24.09 1.64 0.00	25.13 1.62 0.00	21.56 1.47 0.00	27.03 2.11 0.00	26.36 1.97 0.00	29.08 2.00 0.00	28.68 1.93 0.00	29.61 2.09 0.00	33.49 2.41 0.00	33.67 2.62 0.00	33.99 2.87 0.00	38.03 3.16 0.00	30.54 2.42 0.00	30.68 2.26 0.00	27.72 1.85 0.00	21.11 1.37 0.00	20.96 1.34 0.00
N SALMON___HYD 24042	18.44 0.04 0.00	10.19 -0.09 -0.15	4.31 -0.01 -4.11	21.83 -0.18 -17.75	11.44 0.09 -13.61	23.96 -0.20 -18.64	56.73 -1.02 -31.85	46.20 -0.84 -24.59	52.93 -0.92 -30.33	42.43 -0.78 -23.13	55.26 -1.10 -31.45	55.74 -1.12 -32.47	59.57 -1.18 -33.68	36.39 -1.11 -10.76	26.76 -0.76 0.00	30.66 -0.42 0.00	30.68 -0.37 0.00	30.71 -0.41 0.00	34.35 -0.52 0.00	27.45 -0.66 0.00	27.60 -0.82 0.00	25.10 -0.76 0.00	24.62 -0.46 -5.35	19.33 -0.30 0.00
N.AKRON___115KV_KNAPP 355671	17.95 -0.45 0.00	11.93 -0.27 -2.08	4.89 0.00 -4.68	7.47 -0.06 -3.27	3.47 0.02 -5.71	9.33 -0.07 -3.88	25.44 -0.46 0.00	21.74 -0.71 0.00	22.98 -0.53 0.00	20.20 0.12 0.00	25.34 0.42 0.00	24.85 0.46 0.00	27.40 0.33 0.00	27.10 0.35 0.00	27.78 0.25 0.00	31.38 0.30 0.00	31.05 0.00 0.00	30.90 -0.23 0.00	34.42 -0.45 0.00	28.18 0.06 0.00	28.54 0.12 0.00	26.17 0.30 0.00	19.86 0.13 0.00	19.89 0.27 0.00

N.BELMOR_69_KV_BK1 55787	19.84 1.45 0.00	18.72 0.82 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.00 -0.17 -21.44	20.51 0.44 -14.54	27.94 2.04 0.00	24.30 1.85 0.00	25.37 1.86 0.00	21.61 1.53 0.00	27.25 2.33 0.00	26.85 2.46 0.00	30.20 2.64 -0.48	31.70 2.62 -2.33	32.47 2.79 -2.15	34.46 2.78 -0.60	33.73 2.67 -0.02	33.76 2.64 0.00	50.00 3.40 -11.73	30.69 2.57 0.00	30.96 2.54 0.00	38.44 2.22 -10.35	22.18 1.66 -0.79	26.42 1.56 -5.23
N.E_GEN_SANDY PD 24062	19.19 0.79 0.00	19.25 0.48 -8.64	19.70 0.01 -19.49	18.09 0.21 -13.62	21.42 -0.11 -23.79	21.94 0.27 -16.14	27.19 1.29 0.00	23.41 1.10 0.14	26.54 1.15 -1.89	20.85 0.91 0.14	25.48 1.14 0.58	25.51 1.12 0.00	24.10 1.14 4.11	24.18 1.11 3.68	23.46 1.22 5.29	27.13 1.19 5.14	31.44 1.26 0.87	32.32 1.20 0.00	35.85 1.74 0.75	28.25 1.17 1.03	29.58 1.16 0.00	26.81 0.95 0.00	20.41 0.68 0.00	20.24 0.62 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.44 1.04 0.00	17.84 0.59 -7.13	16.30 0.01 -16.09	15.76 0.26 -11.24	17.24 -0.13 -19.64	19.20 0.34 -13.33	27.57 1.67 0.00	23.93 1.48 0.00	24.96 1.45 0.00	21.40 1.31 0.00	26.75 1.83 0.00	26.23 1.84 0.00	29.38 1.92 -0.39	28.98 1.89 -0.35	30.06 2.03 -0.50	33.66 2.09 -0.48	33.19 2.13 -0.01	33.13 2.01 0.00	37.30 2.43 0.00	29.92 1.80 0.00	30.23 1.81 0.00	27.48 1.61 0.00	20.91 1.18 0.00	20.70 1.08 0.00
N.QUEENS_27_KV_LOAD 356247	19.61 1.21 0.00	18.61 0.70 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.79 1.89 0.00	24.18 1.73 0.00	25.26 1.75 0.00	21.58 1.50 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.79 2.24 -0.48	29.40 2.23 -0.43	30.48 2.34 -0.62	34.05 2.36 -0.60	33.40 2.34 -0.02	33.39 2.26 0.00	37.67 2.81 0.00	30.25 2.14 0.00	30.57 2.14 0.00	27.73 1.87 0.00	21.11 1.38 0.00	20.87 1.25 0.00
N.TROY___115KV_TB1 355778	19.16 0.76 0.00	20.13 0.45 -9.56	21.78 0.01 -21.57	19.52 0.20 -15.07	23.96 -0.10 -26.33	23.66 0.27 -17.86	27.17 1.27 0.00	23.53 1.08 0.00	24.64 1.13 0.00	20.94 0.86 0.00	26.01 1.09 0.00	25.46 1.07 0.00	27.59 1.11 0.59	27.29 1.06 0.52	27.97 1.20 0.75	31.54 1.20 0.74	32.28 1.25 0.02	32.33 1.21 0.00	36.52 1.65 0.00	29.23 1.11 0.00	29.51 1.09 0.00	26.77 0.90 0.00	20.36 0.63 0.00	20.20 0.59 0.00
NARROWS_GT1_1 24228	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT1_2 24229	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT1_3 24230	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT1_4 24231	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT1_5 24232	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT1_6 24233	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT1_7 24234	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT1_8 24235	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT2_1 24236	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT2_2 24237	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00

NARROWS_GT2_3 24238	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT2_4 24239	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT2_5 24240	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT2_6 24241	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT2_7 24242	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NARROWS_GT2_8 24243	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.24 0.85 0.00	19.53 0.48 -8.93	20.37 0.01 -20.15	18.54 0.20 -14.08	22.24 -0.10 -24.60	22.48 0.26 -16.69	27.24 1.35 0.00	23.70 1.25 0.00	24.89 1.38 0.00	21.07 0.99 0.00	26.00 1.08 0.00	25.37 0.98 0.00	27.88 1.02 0.21	27.52 0.96 0.19	28.30 1.05 0.28	32.06 1.27 0.29	32.57 1.53 0.01	32.58 1.45 0.00	37.03 2.17 0.00	29.67 1.55 0.00	29.91 1.50 0.00	27.09 1.23 0.00	20.54 0.81 0.00	20.34 0.72 0.00
NCHELSEA_115KV_TR2 355582	19.59 1.20 0.00	18.54 0.69 -7.73	17.65 0.01 -17.43	16.74 0.29 -12.18	18.87 -0.15 -21.28	20.36 0.39 -14.44	27.83 1.94 0.00	24.16 1.72 0.00	25.25 1.74 0.00	21.56 1.48 0.00	26.86 1.94 0.00	26.31 1.92 0.00	29.47 2.05 -0.35	29.05 1.99 -0.31	30.13 2.14 -0.45	33.79 2.27 -0.44	33.38 2.32 -0.01	33.33 2.21 0.00	37.63 2.77 0.00	30.17 2.05 0.00	30.46 2.04 0.00	27.62 1.76 0.00	21.00 1.26 0.00	20.79 1.17 0.00
NEG CAPITAL___MECHNVIL 23645	19.34 0.94 0.00	20.29 0.54 -9.64	21.95 0.01 -21.73	19.68 0.24 -15.18	24.14 -0.13 -26.53	23.88 0.35 -18.00	27.58 1.69 0.00	23.92 1.47 0.00	25.04 1.53 0.00	21.27 1.20 0.00	26.41 1.49 0.00	25.84 1.45 0.00	28.16 1.58 0.49	27.79 1.48 0.44	28.55 1.65 0.63	32.25 1.79 0.62	32.84 1.81 0.02	32.89 1.77 0.00	37.15 2.28 0.00	29.76 1.64 0.00	30.02 1.60 0.00	27.21 1.34 0.00	20.65 0.92 0.00	20.48 0.86 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.80 -0.60 0.00	11.68 -0.34 -1.90	4.49 0.00 -4.28	7.13 -0.12 -2.99	3.03 0.06 -5.23	8.92 -0.15 -3.55	25.24 -0.66 0.00	21.77 -0.68 0.00	22.91 -0.61 0.00	19.83 -0.25 0.00	24.78 -0.14 0.00	24.21 -0.19 0.00	26.75 -0.32 0.00	26.46 -0.29 0.00	27.18 -0.35 0.00	30.67 -0.41 0.00	30.51 -0.54 0.00	30.52 -0.60 0.00	34.16 -0.70 0.00	27.72 -0.40 0.00	28.00 -0.42 0.00	25.56 -0.31 0.00	19.43 -0.30 0.00	19.38 -0.24 0.00
NEG CENTRAL___DRP 24199	18.41 0.02 0.00	12.13 -0.01 -2.02	4.76 0.00 -4.55	7.47 0.03 -3.18	3.28 -0.01 -5.56	9.34 0.04 -3.77	26.20 0.30 0.00	22.67 0.22 0.00	23.77 0.26 0.00	20.46 0.38 0.00	25.54 0.62 0.00	24.96 0.57 0.00	27.56 0.49 0.00	27.31 0.56 0.00	28.09 0.56 0.00	31.65 0.57 0.00	31.59 0.55 0.00	31.60 0.48 0.00	35.43 0.56 0.00	28.63 0.51 0.00	28.91 0.50 0.00	26.34 0.47 0.00	20.02 0.29 0.00	19.91 0.29 0.00
NEG CENTRAL___INDECK 23768	18.39 -0.01 0.00	12.41 -0.02 -2.31	5.42 0.00 -5.21	7.92 0.02 -3.64	4.08 -0.02 -6.36	9.91 0.07 -4.32	26.34 0.44 0.00	22.47 0.02 0.00	23.51 0.00 0.00	20.31 0.22 0.00	25.50 0.58 0.00	24.67 0.28 0.00	27.20 0.13 0.00	26.97 0.22 0.00	28.19 0.66 0.00	32.20 1.12 0.00	32.09 1.05 0.00	32.17 1.05 0.00	36.04 1.17 0.00	29.24 1.12 0.00	29.53 1.11 0.00	26.93 1.07 0.00	20.37 0.64 0.00	20.26 0.64 0.00
NEG CENTRAL___SENECA 23627	18.37 -0.02 0.00	12.21 -0.02 -2.11	4.97 0.00 -4.77	7.61 0.02 -3.33	3.54 -0.01 -5.82	9.51 0.03 -3.95	26.16 0.27 0.00	22.67 0.22 0.00	23.75 0.24 0.00	20.51 0.43 0.00	25.65 0.72 0.00	25.04 0.65 0.00	27.62 0.55 0.00	27.41 0.66 0.00	28.18 0.65 0.00	31.71 0.62 0.00	31.65 0.60 0.00	31.70 0.57 0.00	35.51 0.64 0.00	28.68 0.56 0.00	28.98 0.56 0.00	26.38 0.51 0.00	20.05 0.32 0.00	19.94 0.32 0.00
NEG CENTRAL___STATE_STREET 24147	18.64 0.24 0.00	12.22 0.10 -2.01	4.73 0.00 -4.52	7.50 0.08 -3.16	3.22 -0.04 -5.52	9.39 0.12 -3.74	26.65 0.76 0.00	23.08 0.63 0.00	24.31 0.80 0.00	20.82 0.74 0.00	25.98 1.06 0.00	25.27 0.88 0.00	27.85 0.78 0.00	27.51 0.76 0.00	28.42 0.89 0.00	32.06 0.98 0.00	31.97 0.92 0.00	31.83 0.71 0.00	35.71 0.85 0.00	29.03 0.91 0.00	29.28 0.86 0.00	26.70 0.83 0.00	20.18 0.45 0.00	20.08 0.45 0.00
NEG MILLWOOD___DRP 24198	19.64 1.25 0.00	18.67 0.71 -7.83	17.89 0.01 -17.67	16.91 0.31 -12.34	19.15 -0.16 -21.57	20.57 0.41 -14.63	27.92 2.02 0.00	24.25 1.80 0.00	25.34 1.83 0.00	21.64 1.56 0.00	26.97 2.05 0.00	26.41 2.02 0.00	29.62 2.15 -0.40	29.18 2.07 -0.36	30.27 2.22 -0.52	33.92 2.34 -0.50	33.44 2.38 -0.02	33.44 2.32 0.00	37.77 2.90 0.00	30.28 2.16 0.00	30.55 2.13 0.00	27.71 1.84 0.00	21.05 1.32 0.00	20.84 1.22 0.00



NEG NORTH_FLCN_SEA 23793	18.60 0.21 0.00	10.12 0.00 0.00	-5.25 -0.01 5.44	-21.20 -0.20 25.26	-21.19 0.10 19.03	-21.20 -0.24 26.49	-21.22 -1.16 45.95	-18.54 -0.98 40.01	-21.20 -0.95 43.76	-14.10 -0.81 33.37	-21.72 -1.21 45.43	-23.79 -1.28 46.90	-22.93 -1.44 48.56	9.93 -1.37 15.45	26.68 -0.85 0.00	30.62 -0.46 0.00	30.73 -0.32 0.00	30.56 -0.56 0.00	34.46 -0.41 0.00	27.54 -0.58 0.00	27.63 -0.79 0.00	25.09 -0.78 0.00	12.39 -0.50 6.84	19.47 -0.15 0.00
NEG NORTH_KES_CHATEGAY 23792	18.41 0.01 0.00	10.00 -0.12 0.00	-5.59 -0.01 5.79	-22.82 -0.22 26.86	-22.38 0.12 20.24	-22.90 -0.26 28.17	-24.23 -1.26 48.86	-21.31 -1.06 42.70	-24.09 -1.07 46.54	-16.33 -0.92 35.49	-24.65 -1.27 48.31	-26.74 -1.26 49.87	-25.95 -1.39 51.63	8.99 -1.34 16.43	26.68 -0.84 0.00	30.61 -0.47 0.00	30.64 -0.41 0.00	30.56 -0.57 0.00	34.18 -0.69 0.00	27.31 -0.81 0.00	27.41 -1.01 0.00	24.95 -0.92 0.00	11.80 -0.60 7.33	19.25 -0.37 0.00
NEG NORTH___ALICE_FALLS 23915	18.59 0.20 0.00	10.11 -0.01 0.00	-5.30 -0.01 5.50	-21.45 -0.20 25.51	-21.38 0.10 19.22	-21.46 -0.23 26.76	-21.60 -1.08 46.41	-18.89 -0.90 40.44	-21.58 -0.89 44.20	-14.39 -0.76 33.71	-22.06 -1.10 45.89	-24.18 -1.19 47.37	-23.31 -1.34 49.04	9.85 -1.30 15.60	26.76 -0.77 0.00	30.72 -0.36 0.00	30.82 -0.23 0.00	30.69 -0.43 0.00	34.54 -0.33 0.00	27.57 -0.55 0.00	27.66 -0.76 0.00	25.11 -0.75 0.00	12.32 -0.49 6.92	19.45 -0.17 0.00
NEG NORTH___LWR_SARANAC 23913	18.59 0.20 0.00	10.11 -0.01 0.00	-5.30 -0.01 5.50	-21.45 -0.20 25.51	-21.38 0.10 19.22	-21.46 -0.23 26.76	-21.60 -1.08 46.41	-18.89 -0.90 40.44	-21.58 -0.89 44.20	-14.39 -0.76 33.71	-22.06 -1.10 45.89	-24.18 -1.19 47.37	-23.31 -1.34 49.04	9.85 -1.30 15.60	26.76 -0.77 0.00	30.72 -0.36 0.00	30.82 -0.23 0.00	30.69 -0.43 0.00	34.54 -0.33 0.00	27.57 -0.55 0.00	27.66 -0.76 0.00	25.11 -0.75 0.00	12.32 -0.49 6.92	19.45 -0.17 0.00
NEG NORTH___PLATTSBURG 23628	18.59 0.20 0.00	10.11 -0.01 0.00	-5.30 -0.01 5.50	-21.45 -0.20 25.51	-21.38 0.10 19.22	-21.46 -0.23 26.76	-21.61 -1.10 46.41	-18.88 -0.90 40.44	-21.61 -0.91 44.20	-14.40 -0.77 33.71	-22.09 -1.12 45.89	-24.21 -1.23 47.37	-23.33 -1.37 49.04	9.86 -1.29 15.60	26.77 -0.76 0.00	30.72 -0.36 0.00	30.82 -0.23 0.00	30.69 -0.43 0.00	34.54 -0.33 0.00	27.57 -0.55 0.00	27.66 -0.76 0.00	25.11 -0.75 0.00	12.32 -0.49 6.92	19.45 -0.17 0.00
NEG WEST_LEA_LOCKPORT 23791	17.75 -0.64 0.00	11.84 -0.37 -2.10	4.93 -0.01 -4.72	7.45 -0.11 -3.30	3.55 0.04 -5.77	9.31 -0.13 -3.91	25.11 -0.78 0.00	21.41 -1.04 0.00	22.65 -0.86 0.00	19.94 -0.14 0.00	25.05 0.12 0.00	24.60 0.20 0.00	27.12 0.05 0.00	26.81 0.06 0.00	27.47 -0.06 0.00	31.02 -0.06 0.00	30.67 -0.37 0.00	30.48 -0.64 0.00	33.93 -0.94 0.00	27.81 -0.30 0.00	28.18 -0.24 0.00	25.86 -0.01 0.00	19.64 -0.09 0.00	19.68 0.07 0.00
NEG WEST___LANCASTR 23811	18.33 -0.06 0.00	12.34 -0.08 -2.29	5.37 0.00 -5.17	7.86 -0.01 -3.61	4.03 -0.01 -6.31	9.82 0.02 -4.28	25.92 0.03 0.00	22.22 -0.23 0.00	23.48 -0.03 0.00	20.58 0.50 0.00	25.85 0.93 0.00	25.29 0.90 0.00	27.95 0.88 0.00	27.61 0.87 0.00	28.32 0.79 0.00	31.98 0.90 0.00	31.69 0.64 0.00	31.59 0.47 0.00	35.24 0.38 0.00	28.75 0.63 0.00	29.11 0.69 0.00	26.65 0.78 0.00	20.23 0.50 0.00	20.22 0.60 0.00
NEG_PENN_ALLEGHNY 23528	18.69 0.29 0.00	13.76 0.16 -3.48	8.06 0.00 -7.85	9.84 0.10 -5.48	7.27 -0.05 -9.58	12.14 0.11 -6.50	26.48 0.58 0.00	22.91 0.46 0.00	24.04 0.53 0.00	20.63 0.55 0.00	25.72 0.80 0.00	25.16 0.77 0.00	27.84 0.76 0.00	27.56 0.81 0.00	28.39 0.86 0.00	32.00 0.92 0.00	31.95 0.90 0.00	31.91 0.79 0.00	35.77 0.91 0.00	28.83 0.72 0.00	29.12 0.70 0.00	26.51 0.65 0.00	20.16 0.43 0.00	20.04 0.41 0.00
NEG___GEN_MONROE 24207	18.21 -0.19 0.00	11.92 -0.13 -1.93	4.56 0.00 -4.35	7.28 -0.02 -3.04	3.05 -0.01 -5.31	9.12 -0.01 -3.60	25.85 -0.04 0.00	22.17 -0.28 0.00	23.48 -0.03 0.00	20.42 0.34 0.00	25.53 0.61 0.00	24.98 0.59 0.00	27.58 0.51 0.00	27.23 0.49 0.00	28.01 0.48 0.00	31.64 0.55 0.00	31.40 0.35 0.00	31.25 0.13 0.00	34.94 0.08 0.00	28.56 0.44 0.00	28.89 0.47 0.00	26.39 0.52 0.00	19.98 0.25 0.00	19.94 0.31 0.00
NEPA___ENERGY 23901	18.27 -0.13 0.00	12.34 -0.10 -2.32	5.43 0.00 -5.23	7.93 0.02 -3.65	4.10 -0.01 -6.38	9.86 0.01 -4.33	25.96 0.06 0.00	22.21 -0.24 0.00	23.53 0.02 0.00	20.57 0.49 0.00	25.81 0.89 0.00	25.29 0.90 0.00	27.97 0.89 0.00	27.70 0.95 0.00	28.44 0.91 0.00	32.06 0.98 0.00	31.83 0.79 0.00	31.58 0.46 0.00	35.18 0.31 0.00	28.66 0.54 0.00	28.99 0.57 0.00	26.53 0.66 0.00	20.07 0.34 0.00	20.04 0.41 0.00
NEVERSINK___HYD 23608	19.76 1.37 0.00	17.61 0.74 -6.75	15.45 0.02 -15.23	15.22 0.32 -10.64	16.16 -0.17 -18.59	18.57 0.43 -12.61	27.89 2.00 0.00	24.31 1.86 0.00	25.27 1.76 0.00	21.52 1.44 0.00	26.70 1.78 0.00	26.21 1.82 0.00	29.20 1.90 -0.23	28.69 1.74 -0.20	29.67 1.86 -0.29	33.45 2.09 -0.28	33.28 2.22 -0.01	33.60 2.48 0.00	37.86 3.00 0.00	30.26 2.14 0.00	30.54 2.11 0.00	27.71 1.85 0.00	21.18 1.44 0.00	20.98 1.36 0.00
NEWKRMKL_115KV_TB1 55635	18.84 0.44 0.00	19.86 0.27 -9.47	21.58 0.00 -21.36	19.30 0.11 -14.93	23.76 -0.06 -26.08	23.37 0.15 -17.70	26.68 0.79 0.00	23.14 0.69 0.00	24.26 0.74 0.00	20.63 0.55 0.00	25.60 0.68 0.00	25.05 0.66 0.00	27.26 0.67 0.48	26.93 0.60 0.43	27.64 0.72 0.62	31.20 0.72 0.61	31.83 0.80 0.02	31.89 0.77 0.00	36.05 1.19 0.00	28.86 0.74 0.00	29.13 0.71 0.00	26.41 0.55 0.00	20.09 0.36 0.00	19.93 0.31 0.00
NEWTON___FALLS_HYD 23847	17.70 -0.69 0.00	10.14 -0.44 -0.46	1.90 -0.01 -1.70	7.85 -0.22 -3.80	1.44 0.12 -3.59	9.36 -0.25 -4.08	30.32 -1.16 -5.59	18.72 -1.08 2.65	27.77 -1.07 -5.33	23.19 -0.95 -4.06	29.14 -1.30 -5.52	28.85 -1.24 -5.70	31.87 -1.16 -5.96	27.66 -1.02 -1.93	26.11 -1.42 0.00	29.97 -1.11 0.00	30.10 -0.95 0.00	30.38 -0.74 0.00	33.87 -1.00 0.00	27.20 -0.92 0.00	27.53 -0.89 0.00	25.00 -0.86 0.00	20.17 -0.49 -0.93	19.06 -0.56 0.00
NGRID_A1_DSASP 323792	17.42 -0.97 0.00	11.70 -0.55 -2.14	5.01 -0.01 -4.82	7.45 -0.18 -3.37	3.71 0.09 -5.88	9.29 -0.22 -3.99	24.50 -1.39 0.00	20.77 -1.67 0.00	22.01 -1.51 0.00	19.41 -0.68 0.00	24.42 -0.51 0.00	23.89 -0.50 0.00	26.33 -0.74 0.00	25.99 -0.76 0.00	26.60 -0.93 0.00	30.06 -1.03 0.00	29.69 -1.36 0.00	29.53 -1.58 0.01	32.91 -1.95 0.00	27.03 -1.09 0.00	27.42 -1.00 0.00	25.21 -0.66 0.00	19.16 -0.58 0.00	19.24 -0.38 0.00
NGRID_A2_DSASP 323793	17.42 -0.97 0.00	11.70 -0.55 -2.14	5.01 -0.01 -4.82	7.45 -0.18 -3.37	3.71 0.09 -5.88	9.29 -0.22 -3.99	24.50 -1.39 0.00	20.77 -1.67 0.00	22.01 -1.51 0.00	19.41 -0.68 0.00	24.42 -0.51 0.00	23.89 -0.50 0.00	26.33 -0.74 0.00	25.99 -0.76 0.00	26.60 -0.93 0.00	30.06 -1.03 0.00	29.69 -1.36 0.00	29.53 -1.58 0.01	32.91 -1.95 0.00	27.03 -1.09 0.00	27.42 -1.00 0.00	25.21 -0.66 0.00	19.16 -0.58 0.00	19.24 -0.38 0.00

NGRID_A4_DSASP 323807	17.42 -0.97 0.00	11.70 -0.55 -2.14	5.01 -0.01 -4.82	7.45 -0.18 -3.37	3.71 0.09 -5.88	9.29 -0.22 -3.99	24.50 -1.39 0.00	20.77 -1.67 0.00	22.01 -1.51 0.00	19.41 -0.68 0.00	24.42 -0.51 0.00	23.89 -0.50 0.00	26.33 -0.74 0.00	25.99 -0.76 0.00	26.60 -0.93 0.00	30.06 -1.03 0.00	29.69 -1.36 0.00	29.53 -1.58 0.01	32.91 -1.95 0.00	27.03 -1.09 0.00	27.42 -1.00 0.00	25.21 -0.66 0.00	19.16 -0.58 0.00	19.24 -0.38 0.00
NIAGARA_115E_LBMP 323715	17.41 -0.98 0.00	11.69 -0.56 -2.13	5.01 -0.01 -4.81	7.44 -0.18 -3.36	3.69 0.08 -5.87	9.27 -0.24 -3.99	24.60 -1.30 0.00	20.91 -1.54 0.00	22.15 -1.36 0.00	19.53 -0.55 0.00	24.54 -0.38 0.00	24.14 -0.25 0.00	26.61 -0.46 0.00	26.27 -0.48 0.00	26.90 -0.63 0.00	30.40 -0.68 0.00	30.03 -1.02 0.00	29.81 -1.31 0.00	33.11 -1.76 0.00	27.18 -0.93 0.00	27.56 -0.86 0.00	25.33 -0.53 0.00	19.25 -0.48 0.00	19.33 -0.29 0.00
NIAGARA_115W_LBMP 323714	17.39 -1.00 0.00	11.69 -0.57 -2.13	5.01 -0.01 -4.81	7.44 -0.18 -3.36	3.71 0.09 -5.88	9.28 -0.23 -3.99	24.45 -1.44 0.00	20.73 -1.72 0.00	21.94 -1.57 0.00	19.35 -0.73 0.00	24.35 -0.57 0.00	23.83 -0.56 0.00	26.26 -0.81 0.00	25.91 -0.84 0.00	26.53 -1.00 0.00	29.97 -1.11 0.00	29.60 -1.45 0.00	29.45 -1.66 0.00	32.82 -2.05 0.00	26.95 -1.17 0.00	27.35 -1.06 0.00	25.14 -0.73 0.00	19.11 -0.63 0.00	19.19 -0.42 0.00
NIAGARA_230_LBMP 323716	17.55 -0.85 0.00	11.76 -0.49 -2.12	4.99 -0.01 -4.79	7.44 -0.17 -3.35	3.65 0.07 -5.85	9.26 -0.22 -3.97	24.71 -1.19 0.00	21.04 -1.41 0.00	22.27 -1.24 0.00	19.61 -0.47 0.00	24.66 -0.26 0.00	24.14 -0.25 0.00	26.64 -0.43 0.00	26.28 -0.47 0.00	26.91 -0.62 0.00	30.40 -0.68 0.00	30.06 -0.99 0.00	29.94 -1.18 0.00	33.37 -1.49 0.00	27.34 -0.78 0.00	27.73 -0.69 0.00	25.46 -0.40 0.00	19.35 -0.38 0.00	19.43 -0.19 0.00
NIAGARA__115KV_198_GIBSON 55903	17.38 -1.01 0.00	11.69 -0.57 -2.13	5.01 -0.01 -4.81	7.44 -0.18 -3.36	3.71 0.09 -5.88	9.28 -0.23 -3.99	24.44 -1.45 0.00	20.72 -1.73 0.00	21.94 -1.57 0.00	19.35 -0.73 0.00	24.33 -0.59 0.00	23.81 -0.58 0.00	26.26 -0.81 0.00	25.92 -0.83 0.00	26.53 -1.00 0.00	29.97 -1.11 0.00	29.61 -1.44 0.00	29.46 -1.66 0.00	32.82 -2.05 0.00	26.95 -1.17 0.00	27.36 -1.06 0.00	25.14 -0.73 0.00	19.11 -0.63 0.00	19.18 -0.44 0.00
NIAGARA____ 23760	17.55 -0.85 0.00	11.77 -0.49 -2.13	5.01 -0.01 -4.81	7.45 -0.17 -3.36	3.69 0.07 -5.87	9.29 -0.22 -3.99	24.71 -1.19 0.00	21.04 -1.41 0.00	22.27 -1.24 0.00	19.61 -0.47 0.00	24.66 -0.26 0.00	24.14 -0.25 0.00	26.64 -0.43 0.00	26.28 -0.47 0.00	26.91 -0.62 0.00	30.40 -0.68 0.00	30.06 -0.99 0.00	29.94 -1.18 0.00	33.37 -1.49 0.00	27.34 -0.78 0.00	27.73 -0.69 0.00	25.46 -0.40 0.00	19.35 -0.38 0.00	19.43 -0.19 0.00
NINE_MILE_1 23575	17.92 -0.48 0.00	11.06 -0.26 -1.20	2.92 0.00 -2.71	6.05 -0.10 -1.90	1.10 0.05 -3.31	7.63 -0.15 -2.25	25.24 -0.66 0.00	21.85 -0.60 0.00	22.88 -0.63 0.00	19.56 -0.53 0.00	24.25 -0.67 0.00	23.73 -0.66 0.00	26.32 -0.75 0.00	26.02 -0.72 0.00	26.77 -0.76 0.00	30.22 -0.87 0.00	30.17 -0.88 0.00	30.22 -0.90 0.00	33.87 -1.00 0.00	27.33 -0.79 0.00	27.62 -0.80 0.00	25.21 -0.65 0.00	19.29 -0.45 0.00	19.21 -0.41 0.00
NINE_MILE_2 23744	17.92 -0.48 0.00	11.05 -0.26 -1.20	2.90 0.00 -2.70	6.04 -0.10 -1.89	1.09 0.05 -3.30	7.62 -0.15 -2.24	25.24 -0.66 0.00	21.85 -0.60 0.00	22.88 -0.63 0.00	19.56 -0.53 0.00	24.25 -0.67 0.00	23.73 -0.66 0.00	26.32 -0.75 0.00	26.02 -0.73 0.00	26.77 -0.76 0.00	30.22 -0.87 0.00	30.17 -0.88 0.00	30.22 -0.90 0.00	33.87 -1.00 0.00	27.33 -0.79 0.00	27.62 -0.80 0.00	25.21 -0.65 0.00	19.29 -0.45 0.00	19.21 -0.41 0.00
NM_CAPITAL____DRP 24208	18.87 0.48 0.00	19.88 0.30 -9.46	21.55 0.01 -21.34	19.29 0.13 -14.91	23.72 -0.07 -26.05	23.37 0.17 -17.67	26.74 0.85 0.00	23.18 0.73 0.00	24.31 0.80 0.00	20.67 0.59 0.00	25.65 0.73 0.00	25.10 0.70 0.00	27.28 0.72 0.51	26.95 0.66 0.45	27.64 0.76 0.65	31.20 0.76 0.64	31.89 0.86 0.02	31.92 0.80 0.00	36.10 1.23 0.00	28.91 0.79 0.00	29.18 0.76 0.00	26.46 0.60 0.00	20.13 0.39 0.00	19.97 0.34 0.00
NM_CENTRAL____DRP 24181	18.32 -0.07 0.00	11.72 -0.04 -1.64	3.90 0.00 -3.70	6.84 -0.01 -2.58	2.25 0.00 -4.52	8.58 -0.01 -3.06	25.89 0.00 0.00	22.42 -0.03 0.00	23.49 -0.02 0.00	20.11 0.03 0.00	24.99 0.07 0.00	24.43 0.04 0.00	27.09 0.02 0.00	26.81 0.06 0.00	27.57 0.05 0.00	31.11 0.03 0.00	31.06 0.01 0.00	31.10 -0.02 0.00	34.87 0.00 0.00	28.13 0.01 0.00	28.41 -0.01 0.00	25.91 0.04 0.00	19.77 0.04 0.00	19.67 0.05 0.00
NM_FRONTIER____DRP 24179	17.38 -1.01 0.00	11.69 -0.57 -2.13	5.01 -0.01 -4.81	7.44 -0.18 -3.36	3.71 0.09 -5.88	9.28 -0.23 -3.99	24.44 -1.45 0.00	20.72 -1.73 0.00	21.94 -1.57 0.00	19.35 -0.73 0.00	24.33 -0.59 0.00	23.81 -0.58 0.00	26.26 -0.81 0.00	25.92 -0.83 0.00	26.53 -1.00 0.00	29.97 -1.11 0.00	29.61 -1.44 0.00	29.46 -1.66 0.00	32.82 -2.05 0.00	26.95 -1.17 0.00	27.36 -1.06 0.00	25.14 -0.73 0.00	19.11 -0.63 0.00	19.18 -0.44 0.00
NM_ST_REGIS____HYD 24053	18.15 -0.25 0.00	10.16 -0.20 -0.24	2.29 -0.01 -2.09	11.68 -0.16 -7.57	3.91 0.09 -6.09	13.34 -0.18 -7.99	37.99 -0.99 -13.09	28.80 -0.95 -7.30	34.87 -1.10 -12.46	28.62 -0.97 -9.50	36.53 -1.31 -12.92	36.43 -1.30 -13.34	39.63 -1.32 -13.88	29.93 -1.29 -4.47	26.28 -1.25 0.00	30.00 -1.09 0.00	30.00 -1.04 0.00	30.25 -0.87 0.00	33.73 -1.13 0.00	27.10 -1.02 0.00	27.34 -1.08 0.00	24.94 -0.92 0.00	21.43 -0.49 -2.18	19.19 -0.43 0.00
NORTHPORT____1 23551	19.81 1.41 0.00	18.68 0.78 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.54	27.56 1.66 0.00	24.08 1.63 0.00	25.14 1.63 0.00	21.37 1.29 0.00	27.19 2.27 0.00	26.88 2.49 0.00	30.19 2.64 -0.48	31.63 2.55 -2.33	32.38 2.70 -2.15	34.28 2.60 -0.60	33.63 2.56 -0.02	33.57 2.45 0.00	49.77 3.16 -11.74	30.47 2.35 0.00	30.71 2.30 0.00	38.23 2.01 -10.35	22.04 1.52 -0.79	26.36 1.50 -5.24
NORTHPORT____2 23552	19.81 1.41 0.00	18.68 0.78 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.54	27.56 1.66 0.00	24.08 1.63 0.00	25.14 1.63 0.00	21.37 1.29 0.00	27.19 2.27 0.00	26.88 2.49 0.00	30.19 2.64 -0.48	31.63 2.55 -2.33	32.38 2.70 -2.15	34.28 2.60 -0.60	33.63 2.56 -0.02	33.57 2.45 0.00	49.77 3.16 -11.74	30.47 2.35 0.00	30.71 2.30 0.00	38.23 2.01 -10.35	22.04 1.52 -0.79	26.36 1.50 -5.24
NORTHPORT____3 23553	19.77 1.37 0.00	18.67 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.48 0.41 -14.54	27.69 1.79 0.00	24.14 1.69 0.00	25.19 1.68 0.00	21.42 1.34 0.00	27.13 2.21 0.00	26.80 2.41 0.00	30.12 2.57 -0.48	31.61 2.53 -2.33	32.35 2.68 -2.15	34.30 2.62 -0.60	33.65 2.58 -0.02	33.63 2.51 0.00	49.83 3.22 -11.74	30.51 2.39 0.00	30.75 2.33 0.00	38.25 2.03 -10.35	22.04 1.51 -0.79	26.32 1.46 -5.24

NORTHPORT___4 23650	19.77 1.37 0.00	18.67 0.77 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.48 0.41 -14.54	27.69 1.79 0.00	24.14 1.69 0.00	25.19 1.68 0.00	21.42 1.34 0.00	27.13 2.21 0.00	26.80 2.41 0.00	30.12 2.57 -0.48	31.61 2.53 -2.33	32.35 2.68 -2.15	34.30 2.62 -0.60	33.65 2.58 -0.02	33.63 2.51 0.00	49.83 3.22 -11.74	30.51 2.39 0.00	30.75 2.33 0.00	38.25 2.03 -10.35	22.04 1.51 -0.79	26.32 1.46 -5.24
NORTHPORT___IC 23718	19.81 1.41 0.00	18.68 0.78 -7.79	17.78 0.02 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.54	27.56 1.66 0.00	24.08 1.63 0.00	25.14 1.63 0.00	21.37 1.29 0.00	27.19 2.27 0.00	26.88 2.49 0.00	30.19 2.64 -0.48	31.63 2.55 -2.33	32.38 2.70 -2.15	34.28 2.60 -0.60	33.63 2.56 -0.02	33.57 2.45 0.00	49.77 3.16 -11.74	30.47 2.35 0.00	30.71 2.30 0.00	38.23 2.01 -10.35	22.04 1.52 -0.79	26.36 1.50 -5.24
NORTH___COUNTRY_ESR 323785	18.36 -0.04 0.00	9.97 -0.15 0.00	-5.60 -0.01 5.79	-22.87 -0.24 26.89	-22.40 0.12 20.27	-22.96 -0.28 28.21	-24.41 -1.38 48.93	-21.46 -1.15 42.76	-24.27 -1.18 46.60	-16.46 -1.01 35.54	-24.83 -1.37 48.37	-26.93 -1.38 49.94	-26.13 -1.50 51.70	8.90 -1.40 16.45	26.61 -0.92 0.00	30.52 -0.56 0.00	30.54 -0.51 0.00	30.44 -0.68 0.00	34.05 -0.82 0.00	27.20 -0.92 0.00	27.28 -1.14 0.00	24.85 -1.02 0.00	11.71 -0.68 7.34	19.17 -0.45 0.00
NPX_GEN_1385_PROXY 323591	19.65 1.26 0.00	18.53 0.63 -7.79	17.78 0.01 -17.56	16.80 0.27 -12.27	19.04 -0.13 -21.44	20.40 0.33 -14.54	26.81 0.91 0.00	23.65 1.21 0.00	24.80 1.29 0.00	20.72 0.64 0.00	27.25 2.33 0.00	26.94 2.55 0.00	30.26 2.71 -0.48	31.69 2.60 -2.33	32.44 2.76 -2.15	34.35 2.67 -0.60	33.69 2.62 -0.02	33.58 2.46 0.00	49.78 3.17 -11.74	30.52 2.41 0.00	30.77 2.35 0.00	38.28 2.07 -10.35	22.05 1.53 -0.79	26.36 1.50 -5.24
NPX_GEN_CSC 323557	19.87 1.47 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.47 0.41 -14.54	27.45 1.55 0.00	24.36 1.91 0.00	25.14 1.62 0.00	21.37 1.28 0.00	27.14 2.22 0.00	26.86 2.47 0.00	30.14 2.59 -0.48	31.64 2.56 -2.33	32.51 2.84 -2.15	34.55 2.87 -0.60	33.96 2.90 -0.02	34.13 3.01 0.00	50.41 3.81 -11.74	30.81 2.69 0.00	31.00 2.58 0.00	38.44 2.23 -10.35	22.24 1.72 -0.79	26.52 1.66 -5.24
NSINS_S_GLNS_FALLS 23858	19.42 1.02 0.00	20.35 0.56 -9.67	22.02 0.01 -21.81	19.75 0.25 -15.23	24.20 -0.16 -26.62	24.02 0.43 -18.06	27.97 2.08 0.00	24.28 1.83 0.00	25.43 1.92 0.00	21.59 1.51 0.00	26.87 1.95 0.00	26.23 1.84 0.00	28.65 2.02 0.44	28.29 1.94 0.40	29.12 2.16 0.57	32.88 2.36 0.56	33.26 2.23 0.02	33.29 2.17 0.00	37.63 2.77 0.00	30.06 1.94 0.00	30.28 1.87 0.00	27.44 1.58 0.00	20.77 1.04 0.00	20.60 0.98 0.00
NUCOR_STEEL___DRP 24197	18.65 0.25 0.00	12.19 0.10 -1.97	4.65 0.00 -4.43	7.44 0.08 -3.10	3.12 -0.04 -5.41	9.30 0.10 -3.67	26.49 0.59 0.00	23.08 0.63 0.00	24.18 0.67 0.00	20.70 0.62 0.00	25.82 0.90 0.00	25.10 0.71 0.00	27.65 0.58 0.00	27.29 0.54 0.00	28.23 0.70 0.00	31.82 0.73 0.00	31.71 0.67 0.00	31.79 0.67 0.00	35.65 0.79 0.00	28.83 0.71 0.00	29.06 0.64 0.00	26.51 0.64 0.00	20.15 0.41 0.00	20.07 0.45 0.00
NUMBER_THREE_WT_PWR 323818	17.67 -0.73 0.00	10.26 -0.46 -0.60	1.84 -0.01 -1.64	6.35 -0.20 -2.29	0.52 0.12 -2.67	7.81 -0.24 -2.53	27.31 -1.05 -2.46	10.37 -0.84 11.24	25.20 -0.65 -2.34	21.25 -0.61 -1.78	26.45 -0.90 -2.42	26.12 -0.77 -2.50	29.20 -0.50 -2.63	27.36 -0.25 -0.86	26.49 -1.04 0.00	30.65 -0.44 0.00	30.87 -0.18 0.00	31.22 0.10 0.00	34.79 -0.07 0.00	27.80 -0.31 0.00	28.22 -0.20 0.00	25.47 -0.39 0.00	20.00 -0.15 -0.41	19.33 -0.29 0.00
NYISO_LBMP_REFERENCE 24008	18.40 0.00 0.00	10.12 0.00 0.00	0.20 0.00 0.00	4.26 0.00 0.00	-2.26 0.00 0.00	5.53 0.00 0.00	25.90 0.00 0.00	22.45 0.00 0.00	23.51 0.00 0.00	20.08 0.00 0.00	24.92 0.00 0.00	24.39 0.00 0.00	27.07 0.00 0.00	26.75 0.00 0.00	27.53 0.00 0.00	31.08 0.00 0.00	31.05 0.00 0.00	31.12 0.00 0.00	34.87 0.00 0.00	28.12 0.00 0.00	28.42 0.00 0.00	25.86 0.00 0.00	19.73 0.00 0.00	19.62 0.00 0.00
NYPA_BRENTWD___GT 24164	20.06 1.67 0.00	18.82 0.91 -7.79	17.78 0.02 -17.56	16.89 0.37 -12.27	18.99 -0.18 -21.44	20.55 0.48 -14.54	28.02 2.12 0.00	24.49 2.04 0.00	25.55 2.04 0.00	21.73 1.65 0.00	27.57 2.66 0.00	27.22 2.83 0.00	30.56 3.01 -0.48	32.02 2.94 -2.33	32.87 3.19 -2.15	34.90 3.21 -0.60	34.22 3.15 -0.02	34.11 2.98 0.00	50.41 3.81 -11.74	30.97 2.85 0.00	31.21 2.80 0.00	38.76 2.55 -10.35	22.41 1.88 -0.79	26.66 1.81 -5.24
NYPA_GOWANUS___GT5 24156	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.52 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.30 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NYPA_GOWANUS___GT6 24157	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.04 0.00	24.30 1.86 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.90 2.35 -0.48	29.51 2.33 -0.43	30.58 2.44 -0.62	34.20 2.52 -0.60	33.52 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.30 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00
NYPA_HARLEM__RVR__GT1 24160	19.58 1.18 0.00	18.59 0.69 -7.79	17.78 0.01 -17.56	16.83 0.29 -12.27	19.03 -0.15 -21.44	20.46 0.38 -14.55	27.74 1.84 0.00	24.13 1.68 0.00	25.21 1.70 0.00	21.53 1.45 0.00	26.98 2.06 0.00	26.45 2.06 0.00	29.72 2.17 -0.48	29.32 2.15 -0.43	30.40 2.26 -0.62	33.96 2.28 -0.60	33.33 2.27 -0.02	33.30 2.19 0.00	37.59 2.72 0.00	30.18 2.07 0.00	30.48 2.07 0.00	27.69 1.82 0.00	21.07 1.34 0.00	20.84 1.22 0.00
NYPA_HARLEM__RVR__GT2 24161	19.58 1.18 0.00	18.59 0.69 -7.79	17.78 0.01 -17.56	16.83 0.29 -12.27	19.03 -0.15 -21.44	20.46 0.38 -14.55	27.74 1.84 0.00	24.13 1.68 0.00	25.21 1.70 0.00	21.53 1.45 0.00	26.98 2.06 0.00	26.45 2.06 0.00	29.72 2.17 -0.48	29.32 2.15 -0.43	30.40 2.26 -0.62	33.96 2.28 -0.60	33.33 2.27 -0.02	33.30 2.19 0.00	37.59 2.72 0.00	30.18 2.07 0.00	30.48 2.07 0.00	27.69 1.82 0.00	21.07 1.34 0.00	20.84 1.22 0.00
NYPA_KENT___GT 24152	19.66 1.27 0.00	18.63 0.73 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.48 0.41 -14.55	27.86 1.97 0.00	24.23 1.78 0.00	25.33 1.82 0.00	21.65 1.56 0.00	27.10 2.18 0.00	26.59 2.20 0.00	29.86 2.31 -0.48	29.46 2.29 -0.43	30.54 2.39 -0.62	34.15 2.47 -0.60	33.48 2.41 -0.02	33.48 2.36 0.00	37.80 2.93 0.00	30.34 2.22 0.00	30.63 2.21 0.00	27.81 1.95 0.00	21.16 1.43 0.00	20.93 1.31 0.00

NYPA_POUCH1____GT 24155	19.73	18.67	17.78	16.86	19.01	20.50	27.96	24.34	25.42	21.72	27.18	26.66	29.93	29.55	30.61	34.17	33.50	33.52	37.77	30.42	30.74	27.93	21.24	21.01
	1.34	0.76	0.02	0.33	-0.17	0.43	2.06	1.89	1.91	1.64	2.26	2.26	2.38	2.37	2.46	2.55	2.45	2.42	2.99	2.31	2.32	2.06	1.51	1.39
	0.00	-7.79	-17.56	-12.27	-21.44	-14.55	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.43	-0.62	-0.54	-0.01	0.02	0.09	0.01	0.00	0.00	0.00	0.00
NYPA_VERNON____GT2 24162	19.62	18.61	17.78	16.84	19.03	20.47	27.82	24.19	25.29	21.62	27.05	26.54	29.82	29.41	30.50	34.11	33.46	33.45	37.75	30.28	30.55	27.74	21.10	20.89
	1.22	0.70	0.01	0.31	-0.15	0.40	1.93	1.74	1.78	1.54	2.13	2.15	2.27	2.24	2.36	2.42	2.40	2.33	2.89	2.16	2.13	1.88	1.37	1.27
	0.00	-7.79	-17.56	-12.27	-21.44	-14.55	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.43	-0.62	-0.60	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	19.62	18.61	17.78	16.84	19.03	20.47	27.82	24.19	25.29	21.62	27.05	26.54	29.82	29.41	30.50	34.11	33.46	33.45	37.75	30.28	30.55	27.74	21.10	20.89
	1.22	0.70	0.01	0.31	-0.15	0.40	1.93	1.74	1.78	1.54	2.13	2.15	2.27	2.24	2.36	2.42	2.40	2.33	2.89	2.16	2.13	1.88	1.37	1.27
	0.00	-7.79	-17.56	-12.27	-21.44	-14.55	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.43	-0.62	-0.60	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	19.59	18.60	17.78	16.83	19.03	20.46	27.79	24.15	25.25	21.58	27.01	26.49	29.76	29.36	30.44	34.04	33.40	33.39	37.68	30.23	30.49	27.69	21.06	20.85
	1.19	0.69	0.01	0.30	-0.15	0.39	1.89	1.70	1.74	1.50	2.08	2.10	2.21	2.18	2.30	2.36	2.34	2.27	2.81	2.11	2.08	1.83	1.33	1.23
	0.00	-7.79	-17.56	-12.27	-21.44	-14.55	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.43	-0.62	-0.60	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	19.59	18.60	17.78	16.83	19.03	20.46	27.79	24.15	25.25	21.58	27.01	26.49	29.76	29.36	30.44	34.04	33.40	33.39	37.68	30.23	30.49	27.69	21.06	20.85
	1.19	0.69	0.01	0.30	-0.15	0.39	1.89	1.70	1.74	1.50	2.08	2.10	2.21	2.18	2.30	2.36	2.34	2.27	2.81	2.11	2.08	1.83	1.33	1.23
	0.00	-7.79	-17.56	-12.27	-21.44	-14.55	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.43	-0.62	-0.60	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	19.86	18.72	17.78	16.85	19.01	20.49	27.60	24.22	25.19	21.43	27.22	26.94	30.23	31.71	32.54	34.56	33.93	33.89	50.13	30.72	30.93	38.41	22.17	26.45
	1.47	0.81	0.02	0.32	-0.16	0.42	1.70	1.77	1.68	1.35	2.30	2.55	2.69	2.63	2.86	2.87	2.86	2.77	3.52	2.60	2.52	2.20	1.64	1.59
	0.00	-7.79	-17.56	-12.27	-21.44	-14.54	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-2.33	-2.15	-0.60	-0.02	0.00	-11.74	0.00	0.00	-10.35	-0.79	-5.24
NYPA____HELLGATE_GT1 24158	19.58	18.59	17.78	16.83	19.03	20.46	27.74	24.11	25.19	21.52	26.98	26.45	29.72	29.32	30.40	33.96	33.30	33.28	37.56	30.17	30.47	27.68	21.07	20.84
	1.18	0.69	0.01	0.29	-0.15	0.38	1.84	1.66	1.68	1.44	2.06	2.06	2.17	2.15	2.25	2.28	2.24	2.16	2.70	2.05	2.05	1.81	1.34	1.22
	0.00	-7.79	-17.56	-12.27	-21.44	-14.55	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.43	-0.62	-0.60	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	19.58	18.59	17.78	16.83	19.03	20.46	27.74	24.11	25.19	21.52	26.98	26.45	29.72	29.32	30.40	33.96	33.30	33.28	37.56	30.17	30.47	27.68	21.07	20.84
	1.18	0.69	0.01	0.29	-0.15	0.38	1.84	1.66	1.68	1.44	2.06	2.06	2.17	2.15	2.25	2.28	2.24	2.16	2.70	2.05	2.05	1.81	1.34	1.22
	0.00	-7.79	-17.56	-12.27	-21.44	-14.55	0.00	0.00	0.00	0.00	0.00	0.00	-0.48	-0.43	-0.62	-0.60	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	17.74	11.83	4.93	7.45	3.55	9.30	25.09	21.39	22.64	19.93	25.04	24.59	27.10	26.78	27.43	31.00	30.63	30.45	33.89	27.79	28.16	25.84	19.62	19.68
	-0.66	-0.38	-0.01	-0.11	0.04	-0.14	-0.81	-1.06	-0.87	-0.15	0.12	0.20	0.03	0.03	-0.09	-0.09	-0.41	-0.67	-0.98	-0.33	-0.26	-0.02	-0.11	0.06
	0.00	-2.10	-4.72	-3.30	-5.77	-3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	18.08	11.85	4.54	7.23	3.05	9.05	25.63	22.02	23.22	20.19	25.26	24.70	27.31	26.98	27.72	31.29	31.07	31.02	34.68	28.25	28.57	26.10	19.83	19.78
	-0.31	-0.19	0.00	-0.06	0.02	-0.06	-0.26	-0.43	-0.29	0.10	0.34	0.31	0.24	0.23	0.19	0.21	0.02	-0.10	-0.18	0.13	0.15	0.24	0.09	0.16
	0.00	-1.92	-4.33	-3.03	-5.29	-3.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAKDALE__35_KV_LOAD 356122	18.65	13.73	8.04	9.82	7.26	12.10	26.40	22.84	23.96	20.56	25.64	25.09	27.76	27.48	28.30	31.90	31.84	31.79	35.64	28.74	29.02	26.43	20.10	19.99
	0.25	0.14	0.00	0.09	-0.04	0.09	0.50	0.39	0.45	0.48	0.72	0.70	0.69	0.73	0.77	0.81	0.79	0.67	0.78	0.62	0.60	0.56	0.37	0.36
	0.00	-3.47	-7.83	-5.47	-9.56	-6.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OCC_CHEM____DRP 24175	17.42	11.70	5.01	7.45	3.71	9.29	24.49	20.78	21.99	19.40	24.40	23.88	26.34	25.99	26.60	30.06	29.70	29.53	32.92	27.03	27.42	25.21	19.16	19.23
	-0.97	-0.55	-0.01	-0.18	0.09	-0.22	-1.40	-1.67	-1.52	-0.69	-0.52	-0.51	-0.73	-0.75	-0.93	-1.03	-1.35	-1.58	-1.95	-1.09	-1.00	-0.66	-0.58	-0.39
	0.00	-2.14	-4.82	-3.37	-5.88	-3.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
OH_GEN_PROXY 24063	17.59	11.77	4.98	7.44	3.64	9.27	24.77	21.12	22.35	19.66	24.73	24.21	26.72	26.36	26.99	30.49	30.15	30.05	33.50	27.43	27.81	25.52	19.39	19.46
	-0.81	-0.47	-0.01	-0.16	0.07	-0.21	-1.12	-1.33	-1.16	-0.42	-0.20	-0.18	-0.35	-0.39	-0.54	-0.60	-0.89	-1.07	-1.37	-0.69	-0.60	-0.35	-0.34	-0.16
	0.00	-2.12	-4.78	-3.34	-5.84	-3.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DRP 24177	17.44	11.72	5.03	7.46	3.71	9.29	24.63	20.94	22.18	19.56	24.57	24.15	26.64	26.30	26.93	30.43	30.08	29.85	33.19	27.24	27.62	25.37	19.28	19.35
	-0.96	-0.54	-0.01	-0.18	0.07	-0.24	-1.26	-1.51	-1.33	-0.52	-0.35	-0.24	-0.43	-0.45	-0.60	-0.65	-0.97	-1.27	-1.68	-0.88	-0.80	-0.50	-0.45	-0.27
	0.00	-2.14	-4.83	-3.38	-5.90	-4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	17.42	11.70	5.01	7.45	3.71	9.29	24.50	20.77	22.01	19.41	24.42	23.89	26.33	25.99	26.60	30.06	29.69	29.53	32.91	27.03	27.42	25.21	19.16	19.24
	-0.97	-0.55	-0.01	-0.18	0.09	-0.22	-1.39	-1.67	-1.51	-0.68	-0.51	-0.50	-0.74	-0.76	-0.93	-1.03	-1.36	-1.58	-1.95	-1.09	-1.00	-0.66	-0.58	-0.38
	0.00	-2.14	-4.82	-3.37	-5.88	-3.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00

ONEIDA_HERK_LFGE 323681	18.36 -0.03 0.00	10.57 -0.04 -0.49	1.46 0.00 -1.25	5.65 -0.02 -1.41	-0.41 0.01 -1.84	7.09 -0.02 -1.59	27.03 -0.02 -1.15	28.66 0.10 -6.11	24.77 0.16 -1.10	21.00 0.09 -0.83	26.12 0.07 -1.14	25.59 0.03 -1.17	28.49 0.17 -1.25	27.43 0.26 -0.42	27.48 -0.05 0.00	31.35 0.27 0.00	31.45 0.40 0.00	31.79 0.67 0.00	35.57 0.70 0.00	28.47 0.36 0.00	28.80 0.38 0.00	26.09 0.23 0.00	20.20 0.27 -0.20	19.81 0.19 0.00
ONEIDA___115KV_TB4 55905	18.78 0.38 0.00	11.14 0.20 -0.82	2.06 0.00 -1.85	5.65 0.09 -1.29	-0.05 -0.05 -2.26	7.20 0.14 -1.54	26.58 0.69 0.00	25.37 0.72 -2.21	24.24 0.73 0.00	20.65 0.57 0.00	25.65 0.73 0.00	24.96 0.57 0.00	27.76 0.69 0.00	27.50 0.75 0.00	28.24 0.71 0.00	31.99 0.91 0.00	32.01 0.96 0.00	32.34 1.23 0.00	36.28 1.41 0.00	29.09 0.97 0.00	29.33 0.91 0.00	26.63 0.76 0.00	20.36 0.63 0.00	20.19 0.57 0.00
ONONDAGA_REF_OCCRA 23987	18.46 0.06 0.00	11.97 0.03 -1.82	4.30 0.00 -4.09	7.15 0.03 -2.86	2.72 -0.01 -5.00	8.94 0.03 -3.39	26.10 0.20 0.00	22.61 0.16 0.00	23.68 0.16 0.00	20.28 0.19 0.00	25.18 0.26 0.00	24.62 0.22 0.00	27.29 0.21 0.00	27.02 0.27 0.00	27.80 0.27 0.00	31.36 0.28 0.00	31.32 0.27 0.00	31.38 0.26 0.00	35.19 0.33 0.00	28.38 0.26 0.00	28.66 0.24 0.00	26.12 0.25 0.00	19.92 0.18 0.00	19.81 0.19 0.00
ONONDAGA___COGEN 23986	18.49 0.09 0.00	11.95 0.04 -1.78	4.23 0.00 -4.02	7.10 0.03 -2.81	2.64 -0.02 -4.91	8.89 0.04 -3.33	26.11 0.21 0.00	22.60 0.15 0.00	23.66 0.15 0.00	20.25 0.17 0.00	25.17 0.24 0.00	24.61 0.22 0.00	27.28 0.20 0.00	26.99 0.24 0.00	27.79 0.26 0.00	31.34 0.26 0.00	31.30 0.25 0.00	31.35 0.23 0.00	35.16 0.30 0.00	28.37 0.25 0.00	28.65 0.22 0.00	26.12 0.25 0.00	19.92 0.19 0.00	19.81 0.20 0.00
ONTARIO___LFGE 23819	18.37 -0.02 0.00	12.21 -0.02 -2.11	4.97 0.00 -4.77	7.61 0.02 -3.33	3.54 -0.01 -5.82	9.50 0.03 -3.95	26.16 0.27 0.00	22.67 0.22 0.00	23.75 0.24 0.00	20.51 0.43 0.00	25.64 0.72 0.00	25.05 0.65 0.00	27.62 0.55 0.00	27.41 0.66 0.00	28.18 0.64 0.00	31.71 0.62 0.00	31.64 0.60 0.00	31.70 0.57 0.00	35.51 0.65 0.00	28.68 0.56 0.00	28.98 0.56 0.00	26.38 0.51 0.00	20.05 0.32 0.00	19.94 0.32 0.00
ORANGEVILLE_WT_PWR 323706	17.58 -0.82 0.00	12.06 -0.45 -2.39	5.59 -0.01 -5.39	7.89 -0.14 -3.77	4.38 0.06 -6.58	9.84 -0.15 -4.47	25.18 -0.71 0.00	21.58 -0.87 0.00	22.76 -0.75 0.00	19.94 -0.14 0.00	25.18 0.26 0.00	24.54 0.15 0.00	27.12 0.05 0.00	26.86 0.11 0.00	27.53 0.00 0.00	31.30 0.22 0.00	31.01 -0.03 0.00	30.92 -0.20 0.00	34.49 -0.37 0.00	28.07 -0.05 0.00	28.41 -0.01 0.00	25.94 0.08 0.00	19.61 -0.12 0.00	19.55 -0.07 0.00
ORANGEVILLE___ESR 323794	17.58 -0.82 0.00	12.06 -0.45 -2.39	5.59 -0.01 -5.39	7.89 -0.14 -3.77	4.38 0.06 -6.58	9.84 -0.15 -4.47	25.18 -0.71 0.00	21.58 -0.87 0.00	22.76 -0.75 0.00	19.94 -0.14 0.00	25.18 0.26 0.00	24.54 0.15 0.00	27.12 0.05 0.00	26.86 0.11 0.00	27.53 0.00 0.00	31.30 0.22 0.00	31.01 -0.03 0.00	30.92 -0.20 0.00	34.49 -0.37 0.00	28.07 -0.05 0.00	28.41 -0.01 0.00	25.94 0.08 0.00	19.61 -0.12 0.00	19.55 -0.07 0.00
OSWEGATCHIE___HYD 24044	17.70 -0.69 0.00	10.15 -0.44 -0.46	1.90 -0.01 -1.70	7.85 -0.22 -3.80	1.44 0.12 -3.59	9.36 -0.24 -4.08	30.32 -1.17 -5.59	18.72 -1.08 2.65	27.76 -1.07 -5.33	23.19 -0.95 -4.06	29.14 -1.30 -5.52	28.84 -1.25 -5.70	31.87 -1.16 -5.96	27.66 -1.03 -1.93	26.11 -1.42 0.00	29.97 -1.11 0.00	30.09 -0.95 0.00	30.38 -0.74 0.00	33.87 -1.00 0.00	27.20 -0.92 0.00	27.53 -0.89 0.00	25.00 -0.87 0.00	20.17 -0.49 -0.93	19.06 -0.56 0.00
OSWEGO___5 23606	18.00 -0.40 0.00	11.09 -0.22 -1.20	2.90 0.00 -2.70	6.06 -0.09 -1.88	1.08 0.04 -3.29	7.64 -0.12 -2.23	25.36 -0.54 0.00	21.96 -0.49 0.00	22.99 -0.52 0.00	19.66 -0.43 0.00	24.39 -0.53 0.00	23.86 -0.54 0.00	26.46 -0.61 0.00	26.16 -0.58 0.00	26.91 -0.61 0.00	30.38 -0.70 0.00	30.33 -0.71 0.00	30.39 -0.73 0.00	34.05 -0.81 0.00	27.48 -0.64 0.00	27.78 -0.64 0.00	25.35 -0.52 0.00	19.37 -0.36 0.00	19.29 -0.33 0.00
OSWEGO___6 23613	18.00 -0.40 0.00	11.09 -0.22 -1.20	2.90 0.00 -2.70	6.06 -0.09 -1.88	1.08 0.04 -3.29	7.64 -0.12 -2.23	25.36 -0.54 0.00	21.96 -0.49 0.00	22.99 -0.52 0.00	19.66 -0.43 0.00	24.39 -0.53 0.00	23.86 -0.54 0.00	26.46 -0.61 0.00	26.16 -0.58 0.00	26.91 -0.61 0.00	30.38 -0.70 0.00	30.33 -0.71 0.00	30.39 -0.73 0.00	34.05 -0.81 0.00	27.48 -0.64 0.00	27.78 -0.64 0.00	25.35 -0.52 0.00	19.37 -0.36 0.00	19.29 -0.33 0.00
OUTOKUMPU-AB___DRP 24206	17.84 -0.55 0.00	11.96 -0.32 -2.15	5.06 0.00 -4.85	7.57 -0.09 -3.39	3.70 0.03 -5.93	9.45 -0.10 -4.02	25.19 -0.71 0.00	21.48 -0.97 0.00	22.73 -0.78 0.00	20.02 -0.06 0.00	25.18 0.26 0.00	24.67 0.27 0.00	27.21 0.14 0.00	26.90 0.15 0.00	27.55 0.02 0.00	31.12 0.04 0.00	30.75 -0.30 0.00	30.63 -0.50 -0.01	34.13 -0.74 0.00	27.95 -0.17 0.00	28.33 -0.09 0.00	25.98 0.12 0.00	19.74 0.00 0.00	19.77 0.15 0.00
OXBOW___ 24026	17.66 -0.73 0.00	11.85 -0.42 -2.15	5.04 0.00 -4.84	7.51 -0.12 -3.38	3.70 0.05 -5.90	9.38 -0.15 -4.01	24.84 -1.06 0.00	21.15 -1.31 0.00	22.41 -1.10 0.00	19.76 -0.32 0.00	24.87 -0.05 0.00	24.35 -0.04 0.00	26.84 -0.23 0.00	26.52 -0.23 0.00	27.15 -0.38 0.00	30.68 -0.40 0.00	30.31 -0.74 0.00	30.19 -0.94 -0.01	33.63 -1.23 0.00	27.57 -0.55 0.00	27.96 -0.46 0.00	25.67 -0.19 0.00	19.50 -0.23 0.00	19.57 -0.05 0.00
OXY_CHEM_DSASP 323612	17.42 -0.97 0.00	11.70 -0.55 -2.14	5.01 -0.01 -4.82	7.45 -0.18 -3.37	3.71 0.09 -5.88	9.29 -0.22 -3.99	24.49 -1.40 0.00	20.78 -1.67 0.00	21.99 -1.52 0.00	19.40 -0.69 0.00	24.40 -0.52 0.00	23.88 -0.51 0.00	26.34 -0.73 0.00	25.99 -0.75 0.00	26.60 -0.93 0.00	30.06 -1.03 0.00	29.70 -1.35 0.00	29.53 -1.58 0.01	32.92 -1.95 0.00	27.03 -1.09 0.00	27.42 -1.00 0.00	25.21 -0.66 0.00	19.16 -0.58 0.00	19.23 -0.39 0.00
OZONE_PARK_ESR 323760	19.81 1.42 0.00	18.71 0.80 -7.79	17.79 0.02 -17.56	16.88 0.34 -12.27	19.00 -0.17 -21.44	20.52 0.45 -14.55	28.11 2.21 0.00	24.45 2.00 0.00	25.54 2.03 0.00	21.84 1.76 0.00	27.31 2.39 0.00	26.79 2.40 0.00	30.10 2.55 -0.48	29.69 2.52 -0.43	30.81 2.67 -0.62	34.47 2.79 -0.60	33.87 2.80 -0.02	33.82 2.70 0.00	38.20 3.33 0.00	30.62 2.50 0.00	30.89 2.47 0.00	28.04 2.17 0.00	21.32 1.59 0.00	21.10 1.48 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.42 -0.97 0.00	11.70 -0.55 -2.14	5.01 -0.01 -4.82	7.45 -0.18 -3.37	3.71 0.09 -5.88	9.29 -0.22 -3.99	24.49 -1.40 0.00	20.78 -1.67 0.00	21.99 -1.52 0.00	19.40 -0.69 0.00	24.40 -0.52 0.00	23.88 -0.51 0.00	26.34 -0.73 0.00	25.99 -0.75 0.00	26.60 -0.93 0.00	30.06 -1.03 0.00	29.70 -1.35 0.00	29.53 -1.58 0.01	32.92 -1.95 0.00	27.03 -1.09 0.00	27.42 -1.00 0.00	25.21 -0.66 0.00	19.16 -0.58 0.00	19.23 -0.39 0.00

PACKARD__115KV_DUPONT_184 80571	17.42 -0.97 0.00	11.70 -0.55 -2.14	5.01 -0.01 -4.82	7.45 -0.18 -3.37	3.71 0.09 -5.88	9.29 -0.22 -3.99	24.49 -1.40 0.00	20.78 -1.67 0.00	21.99 -1.52 0.00	19.40 -0.69 0.00	24.40 -0.52 0.00	23.88 -0.51 0.00	26.34 -0.73 0.00	25.99 -0.75 0.00	26.60 -0.93 0.00	30.06 -1.03 0.00	29.70 -1.35 0.00	29.53 -1.58 0.01	32.92 -1.95 0.00	27.03 -1.09 0.00	27.42 -1.00 0.00	25.21 -0.66 0.00	19.16 -0.58 0.00	19.23 -0.39 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.59 1.19 0.00	18.60 0.69 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.75 1.85 0.00	24.11 1.66 0.00	25.20 1.69 0.00	21.53 1.45 0.00	26.92 2.00 0.00	26.39 2.00 0.00	29.65 2.10 -0.48	29.26 2.08 -0.43	30.35 2.20 -0.62	33.93 2.25 -0.60	33.31 2.24 -0.02	33.29 2.17 0.00	37.58 2.71 0.00	30.17 2.05 0.00	30.45 2.04 0.00	27.67 1.80 0.00	21.05 1.32 0.00	20.83 1.21 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.59 1.19 0.00	18.65 0.74 -7.79	17.78 0.02 -17.56	16.83 0.30 -12.27	19.01 -0.17 -21.44	20.51 0.43 -14.55	27.87 1.97 0.00	24.19 1.74 0.00	25.19 1.68 0.00	21.54 1.46 0.00	26.89 1.97 0.00	26.37 1.98 0.00	29.62 2.07 -0.48	29.24 2.07 -0.43	30.32 2.17 -0.62	33.91 2.23 -0.60	33.27 2.20 -0.02	33.32 2.20 0.00	37.60 2.74 0.00	30.14 2.02 0.00	30.41 1.99 0.00	27.74 1.88 0.00	21.17 1.44 0.00	20.97 1.35 0.00
PATROON__115KV_TB1 80586	18.89 0.50 0.00	19.92 0.30 -9.49	21.62 0.01 -21.41	19.35 0.13 -14.96	23.81 -0.07 -26.14	23.43 0.17 -17.73	26.78 0.89 0.00	23.23 0.78 0.00	24.35 0.84 0.00	20.71 0.62 0.00	25.70 0.77 0.00	25.15 0.76 0.00	27.37 0.78 0.48	27.03 0.71 0.43	27.74 0.83 0.62	31.32 0.85 0.61	31.95 0.93 0.02	32.01 0.89 0.00	36.19 1.33 0.00	28.96 0.84 0.00	29.23 0.81 0.00	26.51 0.65 0.00	20.17 0.43 0.00	20.00 0.38 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.24 -0.16 0.00	12.25 -0.12 -2.25	5.29 0.00 -5.08	7.79 -0.02 -3.55	3.94 0.00 -6.20	9.72 -0.01 -4.21	25.80 -0.10 0.00	22.11 -0.34 0.00	23.36 -0.15 0.00	20.51 0.43 0.00	25.78 0.86 0.00	25.22 0.83 0.00	27.87 0.80 0.00	27.54 0.79 0.00	28.23 0.70 0.00	31.89 0.81 0.00	31.58 0.53 0.00	31.47 0.34 0.00	35.10 0.23 0.00	28.66 0.54 0.00	29.02 0.60 0.00	26.58 0.71 0.00	20.17 0.43 0.00	20.16 0.53 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.64 1.25 0.00	18.67 0.71 -7.83	17.89 0.01 -17.67	16.91 0.31 -12.34	19.15 -0.16 -21.57	20.57 0.41 -14.63	27.92 2.02 0.00	24.25 1.80 0.00	25.34 1.83 0.00	21.64 1.56 0.00	26.97 2.05 0.00	26.41 2.02 0.00	29.62 2.15 -0.40	29.18 2.07 -0.36	30.27 2.22 -0.52	33.92 2.34 -0.50	33.44 2.38 -0.02	33.44 2.32 0.00	37.77 2.90 0.00	30.28 2.16 0.00	30.55 2.13 0.00	27.71 1.84 0.00	21.05 1.32 0.00	20.84 1.22 0.00
PEEKSKILL____ 23653	19.47 1.07 0.00	18.39 0.62 -7.65	17.48 0.01 -17.26	16.58 0.27 -12.06	18.67 -0.14 -21.07	20.18 0.35 -14.30	27.62 1.72 0.00	23.99 1.54 0.00	25.06 1.55 0.00	21.42 1.34 0.00	26.76 1.85 0.00	26.25 1.86 0.00	29.49 1.95 -0.46	29.07 1.91 -0.41	30.17 2.04 -0.59	33.77 2.11 -0.58	33.20 2.14 -0.02	33.16 2.04 0.00	37.43 2.56 0.00	30.00 1.89 0.00	30.28 1.87 0.00	27.49 1.63 0.00	20.92 1.19 0.00	20.71 1.09 0.00
PGE MADISON__WINDPWR 24146	19.17 0.77 0.00	14.01 0.40 -3.49	8.10 0.01 -7.88	9.96 0.19 -5.50	7.25 -0.11 -9.62	12.37 0.32 -6.53	27.68 1.78 0.00	24.09 1.64 0.00	25.13 1.62 0.00	21.56 1.47 0.00	27.03 2.11 0.00	26.36 1.97 0.00	29.08 2.00 0.00	28.68 1.93 0.00	29.61 2.09 0.00	33.49 2.41 0.00	33.67 2.62 0.00	33.99 2.87 0.00	38.03 3.16 0.00	30.54 2.42 0.00	30.68 2.26 0.00	27.72 1.85 0.00	21.11 1.37 0.00	20.96 1.34 0.00
PIERCEFIELD____HYD 23852	18.05 -0.35 0.00	10.15 -0.24 -0.26	1.77 -0.01 -1.57	9.05 -0.15 -4.94	1.96 0.08 -4.13	10.59 -0.17 -5.23	33.15 -0.97 -8.22	24.29 -0.97 -2.82	30.17 -1.17 -7.83	25.03 -1.03 -5.97	31.66 -1.38 -8.12	31.41 -1.36 -8.38	34.45 -1.37 -8.75	28.25 -1.33 -2.83	26.11 -1.42 0.00	29.77 -1.31 0.00	29.78 -1.27 0.00	30.10 -1.01 0.00	33.54 -1.32 0.00	26.99 -1.13 0.00	27.27 -1.15 0.00	24.90 -0.97 0.00	20.61 -0.48 -1.36	19.16 -0.46 0.00
PINELAWN_CC_1 323563	19.91 1.51 0.00	18.74 0.84 -7.79	17.78 0.02 -17.56	16.86 0.34 -12.27	19.00 -0.17 -21.44	20.52 0.45 -14.54	27.90 2.01 0.00	24.35 1.90 0.00	25.41 1.90 0.00	21.62 1.54 0.00	27.36 2.44 0.00	26.98 2.59 0.00	30.32 2.77 -0.48	31.80 2.72 -2.33	32.64 2.96 -2.15	34.64 2.96 -0.60	33.94 2.88 -0.02	33.93 2.81 0.00	50.19 3.58 -11.74	30.83 2.72 0.00	31.08 2.66 0.00	38.55 2.34 -10.35	22.25 1.73 -0.79	26.50 1.64 -5.24
PJM_GEN_HTP_PROXY 323702	19.66 1.26 0.00	18.62 0.72 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.47 0.40 -14.55	27.87 1.97 0.00	24.23 1.78 0.00	25.31 1.80 0.00	21.63 1.54 0.00	27.07 2.15 0.00	26.56 2.17 0.00	29.85 2.30 -0.48	29.42 2.24 -0.43	30.52 2.38 -0.62	34.14 2.45 -0.60	33.54 2.47 -0.02	33.49 2.37 0.00	37.84 2.97 0.00	30.30 2.18 0.00	30.57 2.15 0.00	27.75 1.88 0.00	21.11 1.38 0.00	20.91 1.29 0.00
PJM_GEN_KEystone 24065	18.82 0.42 0.00	15.38 0.23 -5.02	11.54 0.01 -11.32	12.30 0.12 -7.91	11.50 -0.07 -13.83	15.06 0.15 -9.38	26.64 0.75 0.00	23.01 0.56 0.00	24.13 0.62 0.00	20.83 0.75 0.00	26.09 1.17 0.00	25.57 1.18 0.00	28.50 1.20 -0.23	28.12 1.16 -0.21	29.05 1.22 -0.30	32.65 1.27 -0.29	32.24 1.18 -0.01	32.12 1.00 0.00	36.00 1.17 0.04	29.09 0.97 0.00	29.41 0.99 0.00	26.81 0.94 0.00	20.38 0.65 0.00	20.27 0.65 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.66 1.26 0.00	18.63 0.72 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.02 -0.15 -21.44	20.46 0.39 -14.54	27.75 1.85 0.00	24.13 1.68 0.00	25.15 1.64 0.00	21.43 1.35 0.00	27.00 2.08 0.00	26.60 2.21 0.00	29.91 2.36 -0.48	30.31 2.32 -1.24	31.27 2.47 -1.27	34.12 2.43 -0.60	33.48 2.41 -0.02	33.47 2.35 0.00	42.85 3.01 -4.98	30.35 2.23 0.00	30.60 2.18 0.00	35.14 1.90 -7.37	21.72 1.42 -0.57	23.90 1.34 -2.95
PJM_GEN_VFT_PROXY 323633	19.58 1.18 0.00	18.58 0.67 -7.79	17.78 0.01 -17.56	16.82 0.29 -12.27	19.03 -0.15 -21.44	20.44 0.37 -14.55	27.71 1.81 0.00	24.10 1.66 0.00	25.14 1.63 0.00	21.51 1.42 0.00	26.88 1.96 0.00	26.38 1.99 0.00	29.64 2.09 -0.48	29.23 2.05 -0.43	30.33 2.19 -0.62	33.92 2.23 -0.60	33.32 2.25 -0.02	33.27 2.15 0.00	37.07 2.71 0.50	30.11 2.00 0.00	30.40 1.98 0.00	27.60 1.73 0.00	21.03 1.30 0.00	20.82 1.20 0.00
PLATSBRG_115KV_PMLD1 355749	18.59 0.19 0.00	10.11 -0.01 0.00	-5.25 -0.01 5.44	-21.20 -0.21 25.25	-21.18 0.11 19.03	-21.20 -0.24 26.48	-21.24 -1.19 45.94	-18.56 -1.00 40.01	-21.21 -0.97 43.75	-14.11 -0.83 33.37	-21.70 -1.20 45.42	-23.76 -1.25 46.89	-22.89 -1.41 48.55	9.96 -1.34 15.45	26.72 -0.81 0.00	30.65 -0.43 0.00	30.76 -0.29 0.00	30.59 -0.53 0.00	34.44 -0.43 0.00	27.51 -0.61 0.00	27.60 -0.82 0.00	25.06 -0.81 0.00	12.37 -0.52 6.84	19.45 -0.17 0.00

PLEASANTVLY___LBMP 24000	19.35 0.96 0.00	18.78 0.56 -8.09	18.47 0.01 -18.25	17.26 0.24 -12.75	19.90 -0.13 -22.29	20.96 0.32 -15.12	27.44 1.55 0.00	23.81 1.36 0.00	24.90 1.39 0.00	21.26 1.18 0.00	26.50 1.58 0.00	25.96 1.57 0.00	29.25 1.64 -0.54	28.84 1.61 -0.48	29.95 1.73 -0.69	33.52 1.77 -0.67	32.87 1.80 -0.02	32.85 1.72 0.00	37.10 2.24 0.00	29.74 1.62 0.00	30.02 1.60 0.00	27.24 1.38 0.00	20.72 0.99 0.00	20.53 0.92 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.52 1.12 0.00	18.59 0.65 -7.83	17.87 0.01 -17.65	16.88 0.28 -12.33	19.15 -0.14 -21.55	20.51 0.36 -14.62	27.68 1.79 0.00	24.04 1.59 0.00	25.14 1.62 0.00	21.46 1.38 0.00	26.82 1.90 0.00	26.29 1.90 0.00	29.56 2.00 -0.48	29.15 1.97 -0.43	30.25 2.10 -0.62	33.85 2.17 -0.60	33.26 2.19 -0.02	33.23 2.11 0.00	37.53 2.67 0.00	30.08 1.96 0.00	30.36 1.94 0.00	27.55 1.68 0.00	20.96 1.23 0.00	20.75 1.13 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.52 1.12 0.00	18.59 0.65 -7.83	17.87 0.01 -17.65	16.88 0.28 -12.33	19.15 -0.14 -21.55	20.51 0.36 -14.62	27.68 1.79 0.00	24.04 1.59 0.00	25.14 1.62 0.00	21.46 1.38 0.00	26.82 1.90 0.00	26.29 1.90 0.00	29.56 2.00 -0.48	29.15 1.97 -0.43	30.25 2.10 -0.62	33.85 2.17 -0.60	33.26 2.19 -0.02	33.23 2.11 0.00	37.53 2.67 0.00	30.08 1.96 0.00	30.36 1.94 0.00	27.55 1.68 0.00	20.96 1.23 0.00	20.75 1.13 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.49 1.10 0.00	18.66 0.64 -7.91	18.05 0.01 -17.83	17.00 0.28 -12.46	19.37 -0.14 -21.77	20.66 0.36 -14.77	27.67 1.78 0.00	24.02 1.57 0.00	25.11 1.60 0.00	21.43 1.34 0.00	26.65 1.73 0.00	26.10 1.71 0.00	28.71 1.82 0.18	28.36 1.78 0.16	29.20 1.91 0.23	32.85 1.99 0.23	33.10 2.06 0.01	33.16 2.04 0.00	37.48 2.61 0.00	30.03 1.91 0.00	30.31 1.88 0.00	27.48 1.61 0.00	20.90 1.17 0.00	20.68 1.07 0.00
POLETTI____ 23519	19.67 1.27 0.00	18.63 0.72 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.48 0.40 -14.55	27.87 1.97 0.00	24.23 1.78 0.00	25.31 1.80 0.00	21.64 1.56 0.00	27.07 2.15 0.00	26.56 2.17 0.00	29.85 2.30 -0.48	29.43 2.25 -0.43	30.54 2.40 -0.62	34.15 2.47 -0.60	33.55 2.48 -0.02	33.51 2.39 0.00	37.84 2.98 0.00	30.32 2.20 0.00	30.60 2.18 0.00	27.77 1.91 0.00	21.13 1.40 0.00	20.92 1.30 0.00
POMONA___ESR 323819	19.44 1.04 0.00	17.84 0.59 -7.13	16.30 0.01 -16.09	15.76 0.26 -11.24	17.24 -0.13 -19.64	19.20 0.35 -13.33	27.56 1.67 0.00	23.93 1.48 0.00	24.96 1.45 0.00	21.39 1.31 0.00	26.75 1.83 0.00	26.24 1.84 0.00	29.39 1.93 -0.39	28.98 1.88 -0.35	30.05 2.03 -0.50	33.66 2.09 -0.48	33.19 2.13 -0.01	33.13 2.01 0.00	37.29 2.43 0.00	29.92 1.80 0.00	30.23 1.81 0.00	27.48 1.61 0.00	20.91 1.18 0.00	20.70 1.08 0.00
PORT_JEFF_3 23555	19.87 1.47 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.48 0.41 -14.54	27.53 1.63 0.00	24.15 1.70 0.00	25.12 1.61 0.00	21.39 1.31 0.00	27.21 2.29 0.00	26.96 2.57 0.00	30.26 2.71 -0.48	31.73 2.65 -2.33	32.57 2.90 -2.15	34.60 2.92 -0.60	33.96 2.90 -0.02	33.87 2.75 0.00	50.04 3.44 -11.74	30.64 2.52 0.00	30.86 2.44 0.00	38.33 2.12 -10.35	22.12 1.59 -0.79	26.43 1.58 -5.24
PORT_JEFF_4 23616	19.87 1.47 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.48 0.41 -14.54	27.53 1.63 0.00	24.15 1.70 0.00	25.12 1.61 0.00	21.39 1.31 0.00	27.21 2.29 0.00	26.96 2.57 0.00	30.26 2.71 -0.48	31.73 2.65 -2.33	32.57 2.90 -2.15	34.60 2.92 -0.60	33.96 2.90 -0.02	33.87 2.75 0.00	50.04 3.44 -11.74	30.64 2.52 0.00	30.86 2.44 0.00	38.33 2.12 -10.35	22.12 1.59 -0.79	26.43 1.58 -5.24
PORT_JEFF_IC 23713	19.90 1.50 0.00	18.73 0.82 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.60 1.70 0.00	24.22 1.77 0.00	25.19 1.68 0.00	21.44 1.36 0.00	27.27 2.35 0.00	27.01 2.62 0.00	30.30 2.75 -0.48	31.78 2.70 -2.33	32.63 2.95 -2.15	34.66 2.98 -0.60	34.03 2.97 -0.02	33.96 2.84 0.00	50.18 3.57 -11.74	30.75 2.63 0.00	30.96 2.54 0.00	38.42 2.21 -10.35	22.17 1.64 -0.79	26.47 1.62 -5.24
PPL PILGRIM_ST_GT1 24216	20.06 1.67 0.00	18.82 0.91 -7.79	17.78 0.02 -17.56	16.89 0.37 -12.27	18.99 -0.18 -21.44	20.55 0.48 -14.54	28.02 2.12 0.00	24.49 2.04 0.00	25.55 2.04 0.00	21.73 1.65 0.00	27.57 2.66 0.00	27.22 2.83 0.00	30.56 3.01 -0.48	32.02 2.94 -2.33	32.87 3.19 -2.15	34.90 3.21 -0.60	34.22 3.15 -0.02	34.11 2.98 0.00	50.41 3.81 -11.74	30.97 2.85 0.00	31.21 2.80 0.00	38.76 2.55 -10.35	22.41 1.88 -0.79	26.66 1.81 -5.24
PPL PILGRIM_ST_GT2 24217	20.06 1.67 0.00	18.82 0.91 -7.79	17.78 0.02 -17.56	16.89 0.37 -12.27	18.99 -0.18 -21.44	20.55 0.48 -14.54	28.02 2.12 0.00	24.49 2.04 0.00	25.55 2.04 0.00	21.73 1.65 0.00	27.57 2.66 0.00	27.22 2.83 0.00	30.56 3.01 -0.48	32.02 2.94 -2.33	32.87 3.19 -2.15	34.90 3.21 -0.60	34.22 3.15 -0.02	34.11 2.98 0.00	50.41 3.81 -11.74	30.97 2.85 0.00	31.21 2.80 0.00	38.76 2.55 -10.35	22.41 1.88 -0.79	26.66 1.81 -5.24
PPL_SHRM_GT3 24213	19.88 1.48 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.47 0.40 -14.54	27.43 1.53 0.00	24.35 1.90 0.00	25.12 1.61 0.00	21.34 1.26 0.00	27.10 2.18 0.00	26.83 2.44 0.00	30.11 2.56 -0.48	31.61 2.53 -2.33	32.48 2.80 -2.15	34.52 2.84 -0.60	33.94 2.88 -0.02	34.12 3.00 0.00	50.40 3.80 -11.74	30.78 2.66 0.00	30.97 2.56 0.00	38.41 2.20 -10.35	22.24 1.71 -0.79	26.52 1.66 -5.24
PPL_SHRM_GT4 24214	19.88 1.48 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.47 0.40 -14.54	27.43 1.53 0.00	24.35 1.90 0.00	25.12 1.61 0.00	21.34 1.26 0.00	27.10 2.18 0.00	26.83 2.44 0.00	30.11 2.56 -0.48	31.61 2.53 -2.33	32.48 2.80 -2.15	34.52 2.84 -0.60	33.94 2.88 -0.02	34.12 3.00 0.00	50.40 3.80 -11.74	30.78 2.66 0.00	30.97 2.56 0.00	38.41 2.20 -10.35	22.24 1.71 -0.79	26.52 1.66 -5.24
PROJECT___ORANGE 1 24174	18.34 -0.06 0.00	11.74 -0.04 -1.65	3.94 0.00 -3.73	6.87 0.00 -2.61	2.29 0.00 -4.55	8.61 0.00 -3.09	25.92 0.02 0.00	22.45 0.00 0.00	23.51 0.00 0.00	20.14 0.05 0.00	25.02 0.10 0.00	24.46 0.07 0.00	27.13 0.05 0.00	26.84 0.09 0.00	27.61 0.08 0.00	31.15 0.07 0.00	31.10 0.05 0.00	31.14 0.02 0.00	34.91 0.04 0.00	28.15 0.04 0.00	28.44 0.02 0.00	25.93 0.07 0.00	19.79 0.06 0.00	19.69 0.07 0.00
PROJECT___ORANGE 2 24166	18.34 -0.06 0.00	11.74 -0.04 -1.65	3.94 0.00 -3.73	6.87 0.00 -2.61	2.29 0.00 -4.55	8.61 0.00 -3.09	25.92 0.02 0.00	22.45 0.00 0.00	23.51 0.00 0.00	20.14 0.05 0.00	25.02 0.10 0.00	24.46 0.07 0.00	27.13 0.05 0.00	26.84 0.09 0.00	27.61 0.08 0.00	31.15 0.07 0.00	31.10 0.05 0.00	31.14 0.02 0.00	34.91 0.04 0.00	28.15 0.04 0.00	28.44 0.02 0.00	25.93 0.07 0.00	19.79 0.06 0.00	19.69 0.07 0.00

FUCKETT___SOLAR 323809	18.84 0.44 0.00	13.95 0.23 -3.60	8.32 0.00 -8.11	10.05 0.12 -5.67	7.57 -0.06 -9.90	12.40 0.16 -6.71	26.78 0.88 0.00	23.21 0.76 0.00	24.31 0.80 0.00	20.80 0.72 0.00	25.96 1.03 0.00	25.39 1.00 0.00	28.04 0.97 0.00	27.75 1.01 0.00	28.64 1.12 0.00	32.29 1.20 0.00	32.38 1.33 0.00	32.40 1.28 0.00	36.31 1.44 0.00	29.27 1.15 0.00	29.50 1.08 0.00	26.79 0.92 0.00	20.36 0.62 0.00	20.22 0.60 0.00
PYRITES___HYD 24023	18.45 0.05 0.00	10.36 -0.03 -0.26	1.77 0.00 -1.57	9.14 -0.06 -4.94	1.91 0.03 -4.13	10.73 -0.03 -5.23	33.86 -0.25 -8.22	24.98 -0.28 -2.82	30.82 -0.52 -7.83	25.56 -0.50 -5.97	32.36 -0.68 -8.12	32.07 -0.70 -8.38	35.14 -0.68 -8.75	28.90 -0.68 -2.83	26.88 -0.65 0.00	30.57 -0.51 0.00	30.53 -0.52 0.00	31.02 -0.10 0.00	34.63 -0.24 0.00	27.79 -0.32 0.00	28.06 -0.36 0.00	25.57 -0.29 0.00	21.10 0.01 -1.36	19.61 -0.01 0.00
QUAKERRD_115KV_BK1 80622	17.72 -0.67 0.00	11.63 -0.38 -1.89	4.47 -0.01 -4.27	7.10 -0.14 -2.98	3.01 0.06 -5.21	8.89 -0.18 -3.53	25.10 -0.79 0.00	21.64 -0.81 0.00	22.76 -0.75 0.00	19.71 -0.37 0.00	24.62 -0.30 0.00	24.07 -0.32 0.00	26.62 -0.45 0.00	26.33 -0.42 0.00	27.04 -0.49 0.00	30.51 -0.57 0.00	30.34 -0.71 0.00	30.34 -0.78 0.00	33.95 -0.91 0.00	27.55 -0.57 0.00	27.86 -0.56 0.00	25.44 -0.43 0.00	19.35 -0.38 0.00	19.29 -0.33 0.00
QUENSBRY_115KV_TB8 356137	19.43 1.04 0.00	20.36 0.57 -9.67	22.03 0.01 -21.81	19.75 0.25 -15.24	24.21 -0.16 -26.63	24.03 0.44 -18.07	28.04 2.14 0.00	24.34 1.89 0.00	25.52 2.01 0.00	21.66 1.57 0.00	26.96 2.04 0.00	26.32 1.93 0.00	28.74 2.11 0.44	28.38 2.03 0.39	29.23 2.27 0.57	32.98 2.45 0.55	33.37 2.33 0.02	33.37 2.24 0.00	37.74 2.87 0.00	30.16 2.04 0.00	30.37 1.95 0.00	27.52 1.65 0.00	20.80 1.07 0.00	20.62 1.00 0.00
RAMAPO___LBMP 323565	19.38 0.98 0.00	17.83 0.55 -7.15	16.34 0.01 -16.12	15.77 0.24 -11.27	17.29 -0.13 -19.68	19.21 0.33 -13.36	27.50 1.60 0.00	23.87 1.42 0.00	24.93 1.42 0.00	21.35 1.27 0.00	26.67 1.75 0.00	26.15 1.76 0.00	29.30 1.84 -0.39	28.90 1.80 -0.35	29.97 1.94 -0.51	33.58 2.01 -0.49	33.10 2.04 -0.01	33.04 1.92 0.00	37.21 2.35 0.00	29.85 1.74 0.00	30.15 1.73 0.00	27.40 1.53 0.00	20.85 1.11 0.00	20.64 1.03 0.00
RANKINE____ 23646	17.95 -0.45 0.00	12.08 -0.27 -2.23	5.23 0.00 -5.03	7.70 -0.08 -3.51	3.90 0.02 -6.14	9.61 -0.08 -4.17	25.43 -0.47 0.00	21.74 -0.71 0.00	23.00 -0.51 0.00	20.22 0.14 0.00	25.43 0.51 0.00	24.88 0.48 0.00	27.48 0.41 0.00	27.16 0.41 0.00	27.83 0.30 0.00	31.45 0.37 0.00	31.14 0.09 0.00	31.03 -0.10 0.00	34.58 -0.28 0.00	28.28 0.16 0.00	28.64 0.22 0.00	26.24 0.37 0.00	19.89 0.16 0.00	19.89 0.27 0.00
RAVENSWOOD_GT2_1 24244	19.64 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.85 1.95 0.00	24.20 1.75 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.81 2.26 -0.48	29.39 2.22 -0.43	30.50 2.35 -0.62	34.12 2.44 -0.60	33.50 2.44 -0.02	33.47 2.35 0.00	37.79 2.92 0.00	30.29 2.17 0.00	30.57 2.15 0.00	27.75 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
RAVENSWOOD_GT2_2 24245	19.64 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.85 1.95 0.00	24.20 1.75 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.81 2.26 -0.48	29.39 2.22 -0.43	30.50 2.35 -0.62	34.12 2.44 -0.60	33.50 2.44 -0.02	33.47 2.35 0.00	37.79 2.92 0.00	30.29 2.17 0.00	30.57 2.15 0.00	27.75 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
RAVENSWOOD_GT2_3 24246	19.65 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.85 1.96 0.00	24.21 1.75 0.00	25.30 1.79 0.00	21.62 1.54 0.00	27.05 2.13 0.00	26.53 2.14 0.00	29.81 2.27 -0.48	29.40 2.23 -0.43	30.51 2.36 -0.62	34.12 2.44 -0.60	33.52 2.45 -0.02	33.48 2.35 0.00	37.80 2.93 0.00	30.30 2.18 0.00	30.58 2.16 0.00	27.76 1.89 0.00	21.11 1.38 0.00	20.91 1.29 0.00
RAVENSWOOD_GT2_4 24247	19.65 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.85 1.96 0.00	24.21 1.75 0.00	25.30 1.79 0.00	21.62 1.54 0.00	27.05 2.13 0.00	26.53 2.14 0.00	29.81 2.27 -0.48	29.40 2.23 -0.43	30.51 2.36 -0.62	34.12 2.44 -0.60	33.52 2.45 -0.02	33.48 2.35 0.00	37.80 2.93 0.00	30.30 2.18 0.00	30.58 2.16 0.00	27.76 1.89 0.00	21.11 1.38 0.00	20.91 1.29 0.00
RAVENSWOOD_GT3_1 24248	19.64 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.84 1.94 0.00	24.20 1.75 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.03 2.12 0.00	26.52 2.13 0.00	29.80 2.25 -0.48	29.39 2.21 -0.43	30.49 2.35 -0.62	34.11 2.43 -0.60	33.50 2.44 -0.02	33.47 2.34 0.00	37.79 2.92 0.00	30.28 2.16 0.00	30.56 2.14 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
RAVENSWOOD_GT3_2 24249	19.64 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.84 1.94 0.00	24.20 1.75 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.03 2.12 0.00	26.52 2.13 0.00	29.80 2.25 -0.48	29.39 2.21 -0.43	30.49 2.35 -0.62	34.11 2.43 -0.60	33.50 2.44 -0.02	33.47 2.34 0.00	37.79 2.92 0.00	30.28 2.16 0.00	30.56 2.14 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
RAVENSWOOD_GT3_3 24250	19.67 1.27 0.00	18.63 0.72 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.48 0.40 -14.55	27.88 1.99 0.00	24.24 1.79 0.00	25.33 1.82 0.00	21.65 1.57 0.00	27.08 2.16 0.00	26.57 2.18 0.00	29.86 2.31 -0.48	29.44 2.27 -0.43	30.55 2.40 -0.62	34.17 2.49 -0.60	33.57 2.50 -0.02	33.52 2.40 0.00	37.85 2.99 0.00	30.34 2.22 0.00	30.62 2.20 0.00	27.78 1.92 0.00	21.14 1.41 0.00	20.93 1.31 0.00
RAVENSWOOD_GT3_4 24251	19.67 1.27 0.00	18.63 0.72 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.48 0.40 -14.55	27.88 1.99 0.00	24.24 1.79 0.00	25.33 1.82 0.00	21.65 1.57 0.00	27.08 2.16 0.00	26.57 2.18 0.00	29.86 2.31 -0.48	29.44 2.27 -0.43	30.55 2.40 -0.62	34.17 2.49 -0.60	33.57 2.50 -0.02	33.52 2.40 0.00	37.85 2.99 0.00	30.34 2.22 0.00	30.62 2.20 0.00	27.78 1.92 0.00	21.14 1.41 0.00	20.93 1.31 0.00
RAVENSWOOD_GT_1 23729	19.62 1.23 0.00	18.61 0.70 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.03 -0.15 -21.44	20.47 0.40 -14.55	27.82 1.93 0.00	24.19 1.74 0.00	25.28 1.77 0.00	21.62 1.53 0.00	27.05 2.13 0.00	26.54 2.15 0.00	29.81 2.26 -0.48	29.41 2.24 -0.43	30.50 2.36 -0.62	34.10 2.42 -0.60	33.46 2.39 -0.02	33.45 2.33 0.00	37.75 2.89 0.00	30.28 2.16 0.00	30.55 2.13 0.00	27.74 1.88 0.00	21.10 1.37 0.00	20.89 1.27 0.00



RAVENSWOOD_GT_10 24258	19.64 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.84 1.94 0.00	24.20 1.75 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.80 2.25 -0.48	29.39 2.21 -0.43	30.49 2.35 -0.62	34.11 2.43 -0.60	33.50 2.44 -0.02	33.47 2.35 0.00	37.79 2.92 0.00	30.29 2.17 0.00	30.56 2.14 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
RAVENSWOOD_GT_11 24259	19.64 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.84 1.94 0.00	24.20 1.75 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.80 2.25 -0.48	29.39 2.21 -0.43	30.49 2.35 -0.62	34.11 2.43 -0.60	33.50 2.44 -0.02	33.47 2.35 0.00	37.79 2.92 0.00	30.29 2.17 0.00	30.56 2.14 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
RAVENSWOOD_GT_4 24252	19.65 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.85 1.95 0.00	24.20 1.75 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.81 2.26 -0.48	29.39 2.21 -0.43	30.50 2.35 -0.62	34.12 2.44 -0.60	33.51 2.44 -0.02	33.47 2.35 0.00	37.80 2.93 0.00	30.29 2.17 0.00	30.57 2.15 0.00	27.75 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
RAVENSWOOD_GT_5 24254	19.65 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.85 1.95 0.00	24.20 1.75 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.81 2.26 -0.48	29.39 2.21 -0.43	30.50 2.35 -0.62	34.12 2.44 -0.60	33.51 2.44 -0.02	33.47 2.35 0.00	37.80 2.93 0.00	30.29 2.17 0.00	30.57 2.15 0.00	27.75 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
RAVENSWOOD_GT_6 24253	19.65 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.85 1.95 0.00	24.20 1.75 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.81 2.26 -0.48	29.39 2.21 -0.43	30.50 2.35 -0.62	34.12 2.44 -0.60	33.51 2.44 -0.02	33.47 2.35 0.00	37.80 2.93 0.00	30.29 2.17 0.00	30.57 2.15 0.00	27.75 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
RAVENSWOOD_GT_7 24255	19.65 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.85 1.95 0.00	24.20 1.75 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.81 2.26 -0.48	29.39 2.21 -0.43	30.50 2.35 -0.62	34.12 2.44 -0.60	33.51 2.44 -0.02	33.47 2.35 0.00	37.80 2.93 0.00	30.29 2.17 0.00	30.57 2.15 0.00	27.75 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.64 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.84 1.94 0.00	24.20 1.75 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.80 2.25 -0.48	29.39 2.21 -0.43	30.49 2.35 -0.62	34.11 2.43 -0.60	33.50 2.44 -0.02	33.47 2.35 0.00	37.79 2.92 0.00	30.29 2.17 0.00	30.56 2.14 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
RAVENSWOOD_GT_9 24257	19.64 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.84 1.94 0.00	24.20 1.75 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.80 2.25 -0.48	29.39 2.21 -0.43	30.49 2.35 -0.62	34.11 2.43 -0.60	33.50 2.44 -0.02	33.47 2.35 0.00	37.79 2.92 0.00	30.29 2.17 0.00	30.56 2.14 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.28 0.00
RAVENSWOOD___1 23533	19.62 1.22 0.00	18.61 0.70 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.03 -0.15 -21.44	20.47 0.40 -14.55	27.82 1.93 0.00	24.19 1.74 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.05 2.13 0.00	26.54 2.15 0.00	29.82 2.27 -0.48	29.41 2.24 -0.43	30.50 2.36 -0.62	34.11 2.42 -0.60	33.46 2.40 -0.02	33.45 2.33 0.00	37.75 2.89 0.00	30.28 2.16 0.00	30.55 2.13 0.00	27.74 1.88 0.00	21.10 1.37 0.00	20.89 1.27 0.00
RAVENSWOOD___2 23534	19.62 1.22 0.00	18.61 0.70 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.03 -0.15 -21.44	20.47 0.40 -14.55	27.82 1.93 0.00	24.19 1.74 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.05 2.13 0.00	26.54 2.15 0.00	29.82 2.27 -0.48	29.41 2.24 -0.43	30.50 2.36 -0.62	34.11 2.42 -0.60	33.46 2.40 -0.02	33.45 2.33 0.00	37.75 2.89 0.00	30.28 2.16 0.00	30.55 2.13 0.00	27.74 1.88 0.00	21.10 1.37 0.00	20.89 1.27 0.00
RAVENSWOOD___3 23535	19.64 1.25 0.00	18.62 0.71 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.15 -21.44	20.47 0.40 -14.55	27.84 1.95 0.00	24.21 1.75 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.04 2.12 0.00	26.52 2.13 0.00	29.81 2.26 -0.48	29.39 2.22 -0.43	30.49 2.35 -0.62	34.11 2.43 -0.60	33.51 2.44 -0.02	33.46 2.34 0.00	37.78 2.91 0.00	30.28 2.17 0.00	30.57 2.15 0.00	27.74 1.88 0.00	21.11 1.38 0.00	20.90 1.27 0.00
RAVENSWOOD___4 23820	19.62 1.22 0.00	18.61 0.70 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.03 -0.15 -21.44	20.47 0.40 -14.55	27.82 1.93 0.00	24.19 1.74 0.00	25.29 1.78 0.00	21.62 1.54 0.00	27.05 2.13 0.00	26.54 2.15 0.00	29.82 2.27 -0.48	29.41 2.24 -0.43	30.50 2.36 -0.62	34.11 2.42 -0.60	33.46 2.40 -0.02	33.45 2.33 0.00	37.75 2.89 0.00	30.28 2.16 0.00	30.55 2.13 0.00	27.74 1.88 0.00	21.10 1.37 0.00	20.89 1.27 0.00
RCPL_TRUST___DRP 24196	19.67 1.27 0.00	18.63 0.72 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.48 0.40 -14.55	27.88 1.99 0.00	24.25 1.80 0.00	25.34 1.83 0.00	21.65 1.57 0.00	27.10 2.18 0.00	26.59 2.20 0.00	29.88 2.33 -0.48	29.45 2.27 -0.43	30.57 2.42 -0.62	34.19 2.51 -0.60	33.57 2.50 -0.02	33.53 2.41 0.00	37.88 3.01 0.00	30.32 2.21 0.00	30.60 2.18 0.00	27.78 1.91 0.00	21.13 1.40 0.00	20.93 1.31 0.00
RED___ROCHESTER 323720	18.17 -0.22 0.00	11.89 -0.14 -1.92	4.53 0.00 -4.32	7.24 -0.04 -3.02	3.02 0.01 -5.28	9.07 -0.03 -3.58	25.78 -0.12 0.00	22.16 -0.29 0.00	23.39 -0.12 0.00	20.32 0.24 0.00	25.43 0.50 0.00	24.86 0.47 0.00	27.48 0.41 0.00	27.17 0.42 0.00	27.91 0.38 0.00	31.51 0.42 0.00	31.28 0.24 0.00	31.22 0.10 0.00	34.92 0.05 0.00	28.45 0.33 0.00	28.77 0.35 0.00	26.27 0.41 0.00	19.93 0.20 0.00	19.87 0.25 0.00
REGAN___SOLAR 323812	19.48 1.09 0.00	20.41 0.57 -9.72	22.14 0.01 -21.92	19.82 0.25 -15.32	24.36 -0.14 -26.76	24.03 0.35 -18.16	27.62 1.73 0.00	24.19 1.74 0.00	24.94 1.42 0.00	20.61 0.52 0.00	25.26 0.34 0.00	25.53 1.14 0.00	26.86 0.16 0.37	26.85 0.43 0.33	27.87 0.82 0.47	31.90 1.28 0.46	31.85 0.82 0.01	33.12 2.00 0.00	37.27 2.41 0.00	29.88 1.76 0.00	30.17 1.76 0.00	27.46 1.60 0.00	20.96 1.23 0.00	20.74 1.12 0.00

RENSSELAER___COGEN 23796	18.78 0.38 0.00	19.78 0.24 -9.42	21.47 0.00 -21.25	19.21 0.10 -14.85	23.63 -0.05 -25.95	23.25 0.12 -17.61	26.55 0.66 0.00	23.03 0.58 0.00	24.16 0.65 0.00	20.55 0.47 0.00	25.49 0.57 0.00	24.94 0.55 0.00	27.13 0.54 0.48	26.81 0.49 0.43	27.49 0.59 0.62	31.03 0.57 0.62	31.70 0.67 0.02	31.75 0.63 0.00	35.91 1.05 0.00	28.74 0.63 0.00	29.03 0.61 0.00	26.33 0.47 0.00	20.03 0.30 0.00	19.87 0.25 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.22 1.83 0.00	20.74 0.95 -9.67	22.03 0.02 -21.81	19.86 0.37 -15.23	24.14 -0.22 -26.62	24.20 0.61 -18.06	28.79 2.90 0.00	25.07 2.63 0.00	26.19 2.68 0.00	22.21 2.13 0.00	27.68 2.76 0.00	26.94 2.55 0.00	29.40 2.78 0.44	29.13 2.78 0.40	30.04 3.08 0.57	33.90 3.37 0.56	34.54 3.50 0.02	34.77 3.65 0.00	39.61 4.75 0.00	31.33 3.22 0.00	31.45 3.03 0.00	28.48 2.62 0.00	21.46 1.73 0.00	21.35 1.74 0.00
REVERE_CPPR_DRP 24186	18.81 0.41 0.00	11.05 0.21 -0.72	1.83 0.00 -1.62	5.49 0.09 -1.13	-0.33 -0.05 -1.98	7.01 0.14 -1.35	26.60 0.71 0.00	26.48 0.77 -3.27	24.33 0.82 0.00	20.69 0.61 0.00	25.69 0.77 0.00	24.95 0.56 0.00	27.79 0.72 0.00	27.57 0.82 0.00	28.21 0.68 0.00	32.05 0.97 0.00	32.11 1.07 0.00	32.52 1.40 0.00	36.44 1.58 0.00	29.20 1.08 0.00	29.44 1.02 0.00	26.68 0.82 0.00	20.43 0.70 0.00	20.24 0.61 0.00
REYNOLDS_115KV_TB3 80639	19.01 0.62 0.00	19.92 0.37 -9.43	21.48 0.01 -21.27	19.28 0.16 -14.86	23.62 -0.09 -25.96	23.36 0.21 -17.62	26.95 1.05 0.00	23.35 0.90 0.00	24.47 0.96 0.00	20.80 0.72 0.00	25.81 0.89 0.00	25.26 0.87 0.00	27.37 0.88 0.58	27.06 0.84 0.52	27.72 0.94 0.75	31.28 0.93 0.73	32.05 1.03 0.02	32.08 0.96 0.00	36.31 1.44 0.00	29.06 0.94 0.00	29.35 0.93 0.00	26.62 0.75 0.00	20.24 0.51 0.00	20.08 0.46 0.00
RIVERBAY____ 323610	19.59 1.19 0.00	18.65 0.74 -7.79	17.78 0.02 -17.56	16.83 0.30 -12.27	19.01 -0.17 -21.44	20.51 0.43 -14.55	27.87 1.97 0.00	24.19 1.74 0.00	25.19 1.68 0.00	21.54 1.46 0.00	26.89 1.97 0.00	26.37 1.98 0.00	29.62 2.07 -0.48	29.24 2.07 -0.43	30.32 2.17 -0.62	33.91 2.23 -0.60	33.27 2.20 -0.02	33.32 2.20 0.00	37.60 2.74 0.00	30.14 2.02 0.00	30.41 1.99 0.00	27.74 1.88 0.00	21.17 1.44 0.00	20.97 1.35 0.00
RIVERSDE_115KV_TB3 55908	18.87 0.48 0.00	19.88 0.30 -9.46	21.55 0.01 -21.34	19.29 0.13 -14.91	23.72 -0.07 -26.05	23.37 0.17 -17.67	26.74 0.85 0.00	23.18 0.73 0.00	24.31 0.80 0.00	20.67 0.59 0.00	25.65 0.73 0.00	25.10 0.70 0.00	27.28 0.72 0.51	26.95 0.66 0.45	27.64 0.76 0.65	31.20 0.76 0.64	31.89 0.86 0.02	31.92 0.80 0.00	36.10 1.23 0.00	28.91 0.79 0.00	29.18 0.76 0.00	26.46 0.60 0.00	20.13 0.39 0.00	19.97 0.34 0.00
ROARING___BROOK_WT_PWR 323790	-39.00 -0.95 56.45	4.86 -0.53 4.73	-0.04 -0.01 0.24	2.93 -0.24 1.09	-2.95 0.13 0.82	1.44 -0.32 3.76	8.82 -1.56 15.51	9.68 -1.35 11.42	-10.86 -1.38 32.99	17.65 -0.98 1.45	21.83 -1.14 1.96	21.44 -0.93 2.02	25.12 -0.53 1.42	26.24 -0.51 0.00	26.37 -1.16 0.00	30.39 -0.69 0.00	30.31 -0.74 0.00	30.52 -0.60 0.00	33.90 -0.97 0.00	27.21 -0.91 0.00	27.60 -0.81 0.00	25.21 -0.66 0.00	19.26 -0.47 0.00	19.06 -0.55 0.00
ROCHESRG_115KV_T4 355643	18.01 -0.39 0.00	11.80 -0.22 -1.91	4.51 0.00 -4.30	7.19 -0.07 -3.01	3.02 0.03 -5.25	9.01 -0.09 -3.57	25.49 -0.40 0.00	21.91 -0.54 0.00	23.10 -0.41 0.00	20.07 -0.01 0.00	25.11 0.19 0.00	24.55 0.16 0.00	27.16 0.09 0.00	26.83 0.09 0.00	27.56 0.03 0.00	31.11 0.03 0.00	30.90 -0.15 0.00	30.85 -0.27 0.00	34.50 -0.37 0.00	28.09 -0.03 0.00	28.41 -0.01 0.00	25.97 0.10 0.00	19.73 0.00 0.00	19.69 0.07 0.00
ROCHESTER_9_IC 23652	18.10 -0.30 0.00	11.86 -0.18 -1.92	4.53 0.00 -4.32	7.22 -0.05 -3.02	3.03 0.02 -5.28	9.05 -0.06 -3.58	25.65 -0.24 0.00	22.05 -0.40 0.00	23.26 -0.26 0.00	20.21 0.13 0.00	25.28 0.36 0.00	24.72 0.33 0.00	27.34 0.27 0.00	27.02 0.28 0.00	27.75 0.22 0.00	31.33 0.25 0.00	31.11 0.07 0.00	31.05 -0.07 0.00	34.73 -0.13 0.00	28.28 0.16 0.00	28.61 0.19 0.00	26.13 0.27 0.00	19.85 0.11 0.00	19.79 0.17 0.00
ROCKVIEW_13_KV_LD 356306	19.61 1.22 0.00	18.60 0.69 -7.79	17.78 0.01 -17.56	16.83 0.30 -12.27	19.03 -0.15 -21.44	20.46 0.39 -14.55	27.80 1.91 0.00	24.15 1.70 0.00	25.25 1.74 0.00	21.58 1.50 0.00	26.97 2.05 0.00	26.46 2.07 0.00	29.73 2.19 -0.48	29.33 2.15 -0.43	30.43 2.29 -0.62	34.05 2.36 -0.60	33.44 2.38 -0.02	33.41 2.30 0.00	37.74 2.87 0.00	30.24 2.12 0.00	30.52 2.10 0.00	27.71 1.84 0.00	21.08 1.35 0.00	20.86 1.25 0.00
ROME____115KV_TB2 80656	18.81 0.41 0.00	11.05 0.21 -0.72	1.83 0.00 -1.62	5.49 0.09 -1.13	-0.33 -0.05 -1.98	7.01 0.14 -1.35	26.60 0.71 0.00	26.48 0.77 -3.27	24.33 0.82 0.00	20.69 0.61 0.00	25.69 0.77 0.00	24.95 0.56 0.00	27.79 0.72 0.00	27.57 0.82 0.00	28.21 0.68 0.00	32.05 0.97 0.00	32.11 1.07 0.00	32.52 1.40 0.00	36.44 1.58 0.00	29.20 1.08 0.00	29.44 1.02 0.00	26.68 0.82 0.00	20.43 0.70 0.00	20.24 0.61 0.00
ROSETON___1 23587	19.35 0.95 0.00	18.35 0.55 -7.68	17.54 0.01 -17.32	16.60 0.24 -12.10	18.76 -0.12 -21.15	20.19 0.32 -14.35	27.43 1.53 0.00	23.80 1.35 0.00	24.89 1.38 0.00	21.26 1.18 0.00	26.51 1.59 0.00	25.98 1.59 0.00	29.16 1.67 -0.42	28.76 1.63 -0.38	29.83 1.76 -0.54	33.40 1.80 -0.53	32.90 1.83 -0.02	32.87 1.75 0.00	37.10 2.23 0.00	29.75 1.63 0.00	30.03 1.61 0.00	27.26 1.40 0.00	20.74 1.01 0.00	20.55 0.93 0.00
ROSETON___2 23588	19.35 0.95 0.00	18.35 0.55 -7.68	17.54 0.01 -17.32	16.60 0.24 -12.10	18.76 -0.12 -21.15	20.19 0.32 -14.35	27.43 1.53 0.00	23.80 1.35 0.00	24.89 1.38 0.00	21.26 1.18 0.00	26.51 1.59 0.00	25.98 1.59 0.00	29.16 1.67 -0.42	28.76 1.63 -0.38	29.83 1.76 -0.54	33.40 1.80 -0.53	32.90 1.83 -0.02	32.87 1.75 0.00	37.10 2.23 0.00	29.75 1.63 0.00	30.03 1.61 0.00	27.26 1.40 0.00	20.74 1.01 0.00	20.55 0.93 0.00
ROTTDRAM_115KV_TB3 80664	19.09 0.70 0.00	20.24 0.40 -9.72	22.13 0.01 -21.92	19.75 0.18 -15.32	24.40 -0.10 -26.76	23.93 0.24 -18.16	27.08 1.18 0.00	23.49 1.04 0.00	24.58 1.07 0.00	20.93 0.84 0.00	25.99 1.07 0.00	25.42 1.03 0.00	27.81 1.11 0.37	27.46 1.04 0.33	28.19 1.14 0.47	31.85 1.23 0.46	32.29 1.26 0.01	32.37 1.25 0.00	36.48 1.62 0.00	29.27 1.15 0.00	29.56 1.14 0.00	26.83 0.96 0.00	20.42 0.69 0.00	20.26 0.64 0.00
RUSSELL___1 23602	18.17 -0.22 0.00	11.89 -0.14 -1.92	4.53 0.00 -4.32	7.24 -0.04 -3.02	3.02 0.01 -5.28	9.07 -0.04 -3.58	25.77 -0.12 0.00	22.16 -0.29 0.00	23.38 -0.14 0.00	20.32 0.24 0.00	25.41 0.49 0.00	24.85 0.46 0.00	27.49 0.41 0.00	27.17 0.42 0.00	27.90 0.37 0.00	31.51 0.43 0.00	31.29 0.24 0.00	31.22 0.10 0.00	34.92 0.06 0.00	28.45 0.33 0.00	28.77 0.35 0.00	26.28 0.41 0.00	19.93 0.20 0.00	19.87 0.25 0.00

RUSSELL___2 23532	18.17 -0.22 0.00	11.89 -0.14 -1.92	4.53 0.00 -4.32	7.24 -0.04 -3.02	3.02 0.01 -5.28	9.07 -0.04 -3.58	25.77 -0.12 0.00	22.16 -0.29 0.00	23.38 -0.14 0.00	20.32 0.24 0.00	25.41 0.49 0.00	24.85 0.46 0.00	27.49 0.41 0.00	27.17 0.42 0.00	27.90 0.37 0.00	31.51 0.43 0.00	31.29 0.24 0.00	31.22 0.10 0.00	34.92 0.06 0.00	28.45 0.33 0.00	28.77 0.35 0.00	26.28 0.41 0.00	19.93 0.20 0.00	19.87 0.25 0.00
RUSSELL___3 23549	18.17 -0.22 0.00	11.89 -0.14 -1.92	4.53 0.00 -4.32	7.24 -0.04 -3.02	3.02 0.01 -5.28	9.07 -0.04 -3.58	25.77 -0.12 0.00	22.16 -0.29 0.00	23.38 -0.14 0.00	20.32 0.24 0.00	25.41 0.49 0.00	24.85 0.46 0.00	27.49 0.41 0.00	27.17 0.42 0.00	27.90 0.37 0.00	31.51 0.43 0.00	31.29 0.24 0.00	31.22 0.10 0.00	34.92 0.06 0.00	28.45 0.33 0.00	28.77 0.35 0.00	26.28 0.41 0.00	19.93 0.20 0.00	19.87 0.25 0.00
RUSSELL___4 23556	18.17 -0.22 0.00	11.89 -0.14 -1.92	4.53 0.00 -4.32	7.24 -0.04 -3.02	3.02 0.01 -5.28	9.07 -0.04 -3.58	25.77 -0.12 0.00	22.16 -0.29 0.00	23.38 -0.14 0.00	20.32 0.24 0.00	25.41 0.49 0.00	24.85 0.46 0.00	27.49 0.41 0.00	27.17 0.42 0.00	27.90 0.37 0.00	31.51 0.43 0.00	31.29 0.24 0.00	31.22 0.10 0.00	34.92 0.06 0.00	28.45 0.33 0.00	28.77 0.35 0.00	26.28 0.41 0.00	19.93 0.20 0.00	19.87 0.25 0.00
RUSSELL___STATION 23914	18.17 -0.22 0.00	11.89 -0.14 -1.92	4.53 0.00 -4.32	7.24 -0.04 -3.02	3.02 0.01 -5.28	9.07 -0.04 -3.58	25.77 -0.12 0.00	22.16 -0.29 0.00	23.38 -0.14 0.00	20.32 0.24 0.00	25.41 0.49 0.00	24.85 0.46 0.00	27.49 0.41 0.00	27.17 0.42 0.00	27.90 0.37 0.00	31.51 0.43 0.00	31.29 0.24 0.00	31.22 0.10 0.00	34.92 0.06 0.00	28.45 0.33 0.00	28.77 0.35 0.00	26.28 0.41 0.00	19.93 0.20 0.00	19.87 0.25 0.00
S SALMON___HYD 24043	17.94 -0.45 0.00	11.14 -0.27 -1.29	3.23 0.00 -3.03	6.67 -0.12 -2.53	1.74 0.06 -3.94	8.32 -0.14 -2.93	26.22 -0.57 -0.89	20.02 -0.50 1.93	23.91 -0.45 -0.85	20.35 -0.38 -0.65	25.31 -0.50 -0.88	24.81 -0.49 -0.91	27.55 -0.48 -0.96	26.68 -0.38 -0.31	26.89 -0.64 0.00	30.56 -0.52 0.00	30.64 -0.41 0.00	30.75 -0.37 0.00	34.43 -0.44 0.00	27.71 -0.41 0.00	28.03 -0.39 0.00	25.52 -0.35 0.00	19.68 -0.20 -0.15	19.37 -0.25 0.00
S.PERRY___115KV_TB1 80734	18.39 -0.01 0.00	12.41 -0.02 -2.31	5.42 0.00 -5.21	7.92 0.02 -3.64	4.08 -0.02 -6.36	9.91 0.07 -4.32	26.34 0.44 0.00	22.47 0.02 0.00	23.50 -0.01 0.00	20.31 0.23 0.00	25.50 0.58 0.00	24.66 0.27 0.00	27.20 0.13 0.00	26.95 0.20 0.00	28.17 0.64 0.00	32.20 1.12 0.00	32.10 1.05 0.00	32.17 1.05 0.00	36.04 1.18 0.00	29.24 1.12 0.00	29.53 1.11 0.00	26.93 1.06 0.00	20.37 0.64 0.00	20.25 0.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.77 -0.63 0.00	11.93 -0.37 -2.18	5.12 0.00 -4.92	7.58 -0.12 -3.44	3.79 0.04 -6.01	9.46 -0.14 -4.08	25.10 -0.80 0.00	21.43 -1.02 0.00	22.67 -0.85 0.00	19.95 -0.13 0.00	25.08 0.16 0.00	24.55 0.16 0.00	27.11 0.04 0.00	26.78 0.03 0.00	27.42 -0.10 0.00	30.99 -0.09 0.00	30.66 -0.38 0.00	30.55 -0.57 0.00	34.04 -0.83 0.00	27.87 -0.25 0.00	28.24 -0.18 0.00	25.90 0.03 0.00	19.66 -0.07 0.00	19.69 0.07 0.00
SAWYER___23_KV_LOAD 55526	17.77 -0.63 0.00	11.93 -0.37 -2.18	5.12 0.00 -4.92	7.58 -0.12 -3.44	3.79 0.04 -6.01	9.46 -0.14 -4.08	25.10 -0.80 0.00	21.43 -1.02 0.00	22.67 -0.85 0.00	19.95 -0.13 0.00	25.08 0.16 0.00	24.55 0.16 0.00	27.11 0.04 0.00	26.78 0.03 0.00	27.42 -0.10 0.00	30.99 -0.09 0.00	30.66 -0.38 0.00	30.55 -0.57 0.00	34.04 -0.83 0.00	27.87 -0.25 0.00	28.24 -0.18 0.00	25.90 0.03 0.00	19.66 -0.07 0.00	19.69 0.07 0.00
SELKIRK___I 23801	19.04 0.64 0.00	19.79 0.38 -9.29	21.16 0.01 -20.95	19.06 0.16 -14.64	23.23 -0.08 -25.58	23.07 0.19 -17.35	26.84 0.94 0.00	23.27 0.82 0.00	24.42 0.91 0.00	20.78 0.70 0.00	25.78 0.86 0.00	25.23 0.84 0.00	27.63 0.85 0.29	27.29 0.81 0.26	28.04 0.89 0.38	31.65 0.95 0.38	32.07 1.03 0.01	32.11 0.99 0.00	36.27 1.41 0.00	29.09 0.97 0.00	29.38 0.97 0.00	26.67 0.80 0.00	20.30 0.57 0.00	20.15 0.53 0.00
SELKIRK___II 23799	18.91 0.51 0.00	19.82 0.30 -9.39	21.40 0.01 -21.19	19.19 0.13 -14.80	23.54 -0.06 -25.87	23.21 0.13 -17.55	26.57 0.67 0.00	23.07 0.62 0.00	24.27 0.76 0.00	20.68 0.60 0.00	25.67 0.75 0.00	25.12 0.73 0.00	27.47 0.74 0.35	27.14 0.70 0.31	27.87 0.78 0.44	31.36 0.76 0.48	31.86 0.83 0.02	31.90 0.78 0.00	36.07 1.20 0.00	28.90 0.78 0.00	29.19 0.77 0.00	26.51 0.65 0.00	20.18 0.45 0.00	20.03 0.40 0.00
SENECA OSWGO___HYD 24041	18.14 -0.25 0.00	11.42 -0.14 -1.44	3.46 0.00 -3.25	6.48 -0.05 -2.27	1.74 0.03 -3.97	8.15 -0.07 -2.70	25.59 -0.31 0.00	21.55 -0.29 0.61	23.20 -0.31 0.00	19.84 -0.25 0.00	24.61 -0.31 0.00	24.06 -0.33 0.00	26.69 -0.38 0.00	26.40 -0.35 0.00	27.13 -0.39 0.00	30.66 -0.42 0.00	30.63 -0.42 0.00	30.70 -0.42 0.00	34.42 -0.44 0.00	27.74 -0.38 0.00	28.03 -0.38 0.00	25.58 -0.28 0.00	19.56 -0.17 0.00	19.46 -0.16 0.00
SENECA___115KV_TB3 355854	17.98 -0.42 0.00	12.09 -0.26 -2.23	5.23 0.00 -5.03	7.70 -0.07 -3.51	3.90 0.02 -6.14	9.61 -0.08 -4.17	25.47 -0.43 0.00	21.77 -0.67 0.00	23.03 -0.48 0.00	20.26 0.18 0.00	25.47 0.55 0.00	24.92 0.53 0.00	27.53 0.46 0.00	27.21 0.46 0.00	27.87 0.34 0.00	31.50 0.42 0.00	31.20 0.15 0.00	31.08 -0.05 0.00	34.64 -0.22 0.00	28.32 0.20 0.00	28.69 0.27 0.00	26.28 0.41 0.00	19.93 0.19 0.00	19.92 0.30 0.00
SENECA___ENERGY 23797	18.29 -0.11 0.00	12.05 -0.08 -2.01	4.75 0.00 -4.54	7.43 0.00 -3.17	3.28 0.00 -5.54	9.28 0.00 -3.76	26.04 0.14 0.00	22.55 0.10 0.00	23.65 0.14 0.00	20.36 0.28 0.00	25.42 0.50 0.00	24.84 0.46 0.00	27.42 0.34 0.00	27.14 0.40 0.00	27.92 0.39 0.00	31.47 0.39 0.00	31.39 0.34 0.00	31.39 0.27 0.00	35.18 0.32 0.00	28.45 0.33 0.00	28.73 0.31 0.00	26.19 0.32 0.00	19.88 0.15 0.00	19.78 0.16 0.00
SHOEMAKER___GT 23640	19.30 0.91 0.00	17.45 0.51 -6.82	15.60 0.01 -15.38	15.23 0.23 -10.74	16.40 -0.12 -18.77	18.57 0.31 -12.74	27.39 1.50 0.00	23.74 1.30 0.00	24.85 1.34 0.00	21.22 1.14 0.00	26.44 1.52 0.00	25.90 1.51 0.00	29.02 1.59 -0.35	28.62 1.55 -0.32	29.67 1.68 -0.45	33.30 1.78 -0.44	32.87 1.81 -0.01	32.83 1.71 0.00	37.00 2.13 0.00	29.73 1.62 0.00	30.02 1.60 0.00	27.28 1.42 0.00	20.74 1.01 0.00	20.54 0.92 0.00
SHOEMAKR_138KV_BK 111 55601	19.29 0.90 0.00	17.41 0.51 -6.78	15.49 0.01 -15.28	15.16 0.23 -10.67	16.27 -0.12 -18.65	18.48 0.30 -12.65	27.37 1.47 0.00	23.74 1.29 0.00	24.82 1.31 0.00	21.21 1.13 0.00	26.43 1.52 0.00	25.90 1.51 0.00	29.01 1.59 -0.35	28.61 1.55 -0.31	29.65 1.67 -0.45	33.27 1.76 -0.44	32.85 1.79 -0.01	32.83 1.71 0.00	36.98 2.12 0.00	29.71 1.60 0.00	30.00 1.58 0.00	27.26 1.40 0.00	20.73 0.99 0.00	20.54 0.92 0.00

SHOREHAM_IC_1 23715	19.88 1.48 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.47 0.40 -14.54	27.43 1.53 0.00	24.35 1.90 0.00	25.12 1.61 0.00	21.34 1.26 0.00	27.10 2.18 0.00	26.83 2.44 0.00	30.11 2.56 -0.48	31.61 2.53 -2.33	32.48 2.80 -2.15	34.52 2.84 -0.60	33.94 2.88 -0.02	34.12 3.00 0.00	50.40 3.80 -11.74	30.78 2.66 0.00	30.97 2.56 0.00	38.41 2.20 -10.35	22.24 1.71 -0.79	26.52 1.66 -5.24
SHOREHAM_IC_2 23716	19.88 1.48 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.47 0.40 -14.54	27.43 1.53 0.00	24.35 1.90 0.00	25.12 1.61 0.00	21.34 1.26 0.00	27.10 2.18 0.00	26.83 2.44 0.00	30.11 2.56 -0.48	31.61 2.53 -2.33	32.48 2.80 -2.15	34.52 2.84 -0.60	33.94 2.88 -0.02	34.12 3.00 0.00	50.40 3.80 -11.74	30.78 2.66 0.00	30.97 2.56 0.00	38.41 2.20 -10.35	22.24 1.71 -0.79	26.52 1.66 -5.24
SISSONVILLE____ 23735	18.05 -0.35 0.00	10.15 -0.24 -0.26	1.77 -0.01 -1.57	9.05 -0.15 -4.94	1.96 0.08 -4.13	10.59 -0.17 -5.23	33.15 -0.97 -8.22	24.29 -0.97 -2.82	30.17 -1.17 -7.83	25.03 -1.03 -5.97	31.66 -1.38 -8.12	31.41 -1.36 -8.38	34.45 -1.37 -8.75	28.25 -1.33 -2.83	26.11 -1.42 0.00	29.77 -1.31 0.00	29.78 -1.27 0.00	30.10 -1.01 0.00	33.54 -1.32 0.00	26.99 -1.13 0.00	27.27 -1.15 0.00	24.90 -0.97 0.00	20.61 -0.48 -1.36	19.16 -0.46 0.00
SITHE_IND_GS1 24169	17.94 -0.46 0.00	11.09 -0.26 -1.23	2.97 0.00 -2.77	6.09 -0.10 -1.93	1.17 0.05 -3.38	7.68 -0.14 -2.29	25.26 -0.64 0.00	21.86 -0.58 0.00	22.90 -0.61 0.00	19.57 -0.52 0.00	24.25 -0.67 0.00	23.73 -0.66 0.00	26.32 -0.75 0.00	26.02 -0.72 0.00	26.77 -0.76 0.00	30.22 -0.87 0.00	30.17 -0.88 0.00	30.22 -0.90 0.00	33.86 -1.01 0.00	27.33 -0.79 0.00	27.62 -0.80 0.00	25.23 -0.63 0.00	19.30 -0.43 0.00	19.23 -0.39 0.00
SITHE_IND_GS2 24170	17.94 -0.46 0.00	11.09 -0.26 -1.23	2.97 0.00 -2.77	6.09 -0.10 -1.93	1.17 0.05 -3.38	7.68 -0.14 -2.29	25.26 -0.64 0.00	21.86 -0.58 0.00	22.90 -0.61 0.00	19.57 -0.52 0.00	24.25 -0.67 0.00	23.73 -0.66 0.00	26.32 -0.75 0.00	26.02 -0.72 0.00	26.77 -0.76 0.00	30.22 -0.87 0.00	30.17 -0.88 0.00	30.22 -0.90 0.00	33.86 -1.01 0.00	27.33 -0.79 0.00	27.62 -0.80 0.00	25.23 -0.63 0.00	19.30 -0.43 0.00	19.23 -0.39 0.00
SITHE_IND_GS3 24171	17.94 -0.46 0.00	11.09 -0.26 -1.23	2.97 0.00 -2.77	6.09 -0.10 -1.93	1.17 0.05 -3.38	7.68 -0.14 -2.29	25.26 -0.64 0.00	21.86 -0.58 0.00	22.90 -0.61 0.00	19.57 -0.52 0.00	24.25 -0.67 0.00	23.73 -0.66 0.00	26.32 -0.75 0.00	26.02 -0.72 0.00	26.77 -0.76 0.00	30.22 -0.87 0.00	30.17 -0.88 0.00	30.22 -0.90 0.00	33.86 -1.01 0.00	27.33 -0.79 0.00	27.62 -0.80 0.00	25.23 -0.63 0.00	19.30 -0.43 0.00	19.23 -0.39 0.00
SITHE_IND_GS4 24172	17.94 -0.46 0.00	11.09 -0.26 -1.23	2.97 0.00 -2.77	6.09 -0.10 -1.93	1.17 0.05 -3.38	7.68 -0.14 -2.29	25.26 -0.64 0.00	21.86 -0.58 0.00	22.90 -0.61 0.00	19.57 -0.52 0.00	24.25 -0.67 0.00	23.73 -0.66 0.00	26.32 -0.75 0.00	26.02 -0.72 0.00	26.77 -0.76 0.00	30.22 -0.87 0.00	30.17 -0.88 0.00	30.22 -0.90 0.00	33.86 -1.01 0.00	27.33 -0.79 0.00	27.62 -0.80 0.00	25.23 -0.63 0.00	19.30 -0.43 0.00	19.23 -0.39 0.00
SITHE____BATAVIA 24024	18.26 -0.14 0.00	12.05 -0.10 -2.04	4.80 0.00 -4.60	7.47 0.00 -3.21	3.33 -0.02 -5.61	9.35 0.02 -3.81	25.95 0.05 0.00	22.24 -0.20 0.00	23.50 -0.01 0.00	20.58 0.49 0.00	25.80 0.88 0.00	25.21 0.82 0.00	27.78 0.71 0.00	27.48 0.73 0.00	28.23 0.70 0.00	31.90 0.82 0.00	31.59 0.55 0.00	31.51 0.38 0.00	35.17 0.31 0.00	28.75 0.64 0.00	29.10 0.69 0.00	26.64 0.78 0.00	20.19 0.46 0.00	20.19 0.57 0.00
SITHE____INDEPEND 23800	17.94 -0.46 0.00	11.09 -0.26 -1.23	2.97 0.00 -2.77	6.09 -0.10 -1.93	1.16 0.05 -3.38	7.68 -0.14 -2.29	25.25 -0.64 0.00	21.87 -0.58 0.00	22.90 -0.61 0.00	19.57 -0.52 0.00	24.25 -0.67 0.00	23.72 -0.67 0.00	26.32 -0.75 0.00	26.02 -0.72 0.00	26.77 -0.76 0.00	30.21 -0.87 0.00	30.17 -0.88 0.00	30.22 -0.90 0.00	33.86 -1.01 0.00	27.33 -0.79 0.00	27.62 -0.80 0.00	25.23 -0.64 0.00	19.30 -0.43 0.00	19.23 -0.39 0.00
SITHE____MASSENA 23902	18.27 -0.13 0.00	10.02 -0.10 0.00	0.38 0.00 -0.18	5.02 -0.07 -0.83	-1.60 0.04 -0.63	6.32 -0.08 -0.87	26.93 -0.48 -1.51	21.72 -0.41 0.32	24.48 -0.47 -1.44	20.78 -0.41 -1.10	25.84 -0.57 -1.49	25.36 -0.57 -1.54	28.25 -0.51 -1.69	26.84 -0.51 -0.60	26.98 -0.55 0.00	30.62 -0.46 0.00	30.58 -0.47 0.00	30.80 -0.32 0.00	34.32 -0.54 0.00	27.71 -0.41 0.00	28.01 -0.41 0.00	25.50 -0.36 0.00	19.74 -0.21 -0.22	19.45 -0.17 0.00
SITHE____OGDNSBRG 24021	18.60 0.20 0.00	10.44 0.05 -0.26	1.78 0.00 -1.57	9.17 -0.03 -4.94	1.89 0.01 -4.13	10.79 0.03 -5.23	34.17 0.05 -8.22	25.24 -0.03 -2.82	31.11 -0.23 -7.83	25.77 -0.28 -5.97	32.65 -0.39 -8.12	32.34 -0.43 -8.38	35.40 -0.42 -8.75	29.16 -0.42 -2.83	27.17 -0.35 0.00	30.91 -0.17 0.00	30.85 -0.20 0.00	31.35 0.23 0.00	35.04 0.17 0.00	28.18 0.06 0.00	28.43 0.02 0.00	25.89 0.02 0.00	21.30 0.20 -1.36	19.78 0.16 0.00
SITHE____STERLING 23777	18.78 0.38 0.00	11.14 0.20 -0.82	2.06 0.00 -1.85	5.65 0.09 -1.29	-0.05 -0.05 -2.26	7.19 0.13 -1.54	26.58 0.69 0.00	25.36 0.71 -2.21	24.24 0.73 0.00	20.64 0.56 0.00	25.65 0.73 0.00	24.96 0.57 0.00	27.76 0.69 0.00	27.49 0.74 0.00	28.23 0.70 0.00	31.99 0.91 0.00	32.01 0.96 0.00	32.35 1.23 0.00	36.28 1.41 0.00	29.09 0.97 0.00	29.33 0.91 0.00	26.63 0.76 0.00	20.36 0.63 0.00	20.19 0.57 0.00
SLEIGHT__34_KV_TB1 80719	18.12 -0.28 0.00	11.85 -0.18 -1.91	4.51 0.00 -4.31	7.22 -0.05 -3.01	3.02 0.02 -5.26	9.04 -0.05 -3.57	25.73 -0.16 0.00	22.26 -0.19 0.00	23.38 -0.13 0.00	20.20 0.12 0.00	25.22 0.30 0.00	24.63 0.24 0.00	27.19 0.12 0.00	26.90 0.15 0.00	27.67 0.15 0.00	31.22 0.13 0.00	31.05 0.01 0.00	31.10 -0.02 0.00	34.83 -0.04 0.00	28.21 0.09 0.00	28.49 0.07 0.00	25.98 0.11 0.00	19.75 0.02 0.00	19.67 0.05 0.00
SOUTH CAIRO____GT 23612	19.43 1.04 0.00	19.63 0.58 -8.93	20.37 0.01 -20.15	18.58 0.24 -14.08	22.22 -0.12 -24.60	22.55 0.33 -16.69	27.58 1.68 0.00	24.01 1.56 0.00	25.20 1.69 0.00	21.29 1.21 0.00	26.24 1.32 0.00	25.57 1.18 0.00	28.06 1.21 0.21	27.67 1.12 0.19	28.48 1.23 0.28	32.32 1.53 0.29	32.94 1.91 0.01	32.92 1.80 0.00	37.50 2.64 0.00	30.05 1.94 0.00	30.29 1.87 0.00	27.41 1.54 0.00	20.76 1.03 0.00	20.54 0.92 0.00
SOUTH HAMPTN____IC 23720	20.13 1.74 0.00	18.86 0.96 -7.79	17.78 0.02 -17.56	16.91 0.39 -12.27	18.98 -0.19 -21.44	20.59 0.52 -14.54	28.02 2.13 0.00	24.73 2.28 0.00	25.65 2.14 0.00	21.80 1.72 0.00	27.67 2.75 0.00	27.39 3.00 0.00	30.74 3.19 -0.48	32.22 3.14 -2.33	33.11 3.43 -2.15	35.25 3.57 -0.60	34.67 3.60 -0.02	34.68 3.56 0.00	51.07 4.47 -11.74	31.47 3.35 0.00	31.66 3.24 0.00	39.03 2.82 -10.35	22.58 2.06 -0.79	26.82 1.96 -5.24

SOUTHDOW_115KV_TB1 355954	18.41 0.01 0.00	12.42 -0.03 -2.33	5.46 0.00 -5.25	7.98 0.05 -3.67	4.11 -0.04 -6.41	9.98 0.11 -4.35	26.48 0.59 0.00	22.67 0.22 0.00	24.09 0.58 0.00	21.10 1.01 0.00	26.51 1.60 0.00	26.04 1.65 0.00	28.88 1.80 0.00	28.54 1.79 0.00	29.29 1.76 0.00	32.99 1.91 0.00	32.73 1.68 0.00	32.55 1.43 0.00	36.25 1.38 0.00	29.56 1.44 0.00	29.82 1.41 0.00	27.17 1.31 0.00	20.52 0.80 0.00	20.45 0.83 0.00
SOUTHOLD_69_KV_BK 2 55809	20.33 1.93 0.00	18.97 1.07 -7.79	17.79 0.02 -17.56	16.96 0.43 -12.27	18.95 -0.22 -21.44	20.64 0.57 -14.54	28.37 2.48 0.00	24.99 2.54 0.00	25.98 2.47 0.00	22.09 2.00 0.00	28.02 3.10 0.00	27.72 3.33 0.00	31.05 3.50 -0.48	32.56 3.48 -2.33	33.47 3.79 -2.15	35.69 4.01 -0.60	35.15 4.08 -0.02	35.09 3.97 0.00	51.57 4.97 -11.73	31.94 3.82 0.00	32.11 3.69 0.00	39.44 3.23 -10.35	22.81 2.29 -0.79	27.04 2.18 -5.23
SOUTHOLD___IC 23719	20.33 1.93 0.00	18.97 1.07 -7.79	17.79 0.02 -17.56	16.96 0.43 -12.27	18.95 -0.22 -21.44	20.66 0.59 -14.54	28.38 2.48 0.00	25.02 2.57 0.00	25.98 2.47 0.00	22.09 2.01 0.00	28.02 3.10 0.00	27.73 3.34 0.00	31.08 3.53 -0.48	32.60 3.52 -2.33	33.50 3.82 -2.15	35.69 4.01 -0.60	35.15 4.09 -0.02	35.10 3.97 0.00	51.58 4.97 -11.74	31.94 3.82 0.00	32.11 3.69 0.00	39.43 3.22 -10.35	22.82 2.30 -0.79	27.04 2.18 -5.24
SPIERFLS_115KV_TB 1 80737	19.31 0.92 0.00	20.30 0.50 -9.67	22.03 0.01 -21.82	19.74 0.23 -15.24	24.22 -0.15 -26.63	24.01 0.42 -18.07	27.90 2.01 0.00	24.23 1.79 0.00	25.39 1.88 0.00	21.55 1.47 0.00	26.82 1.90 0.00	26.19 1.80 0.00	28.60 1.97 0.44	28.25 1.89 0.39	29.07 2.11 0.56	32.81 2.28 0.55	33.14 2.11 0.02	33.14 2.02 0.00	37.43 2.57 0.00	29.94 1.82 0.00	30.16 1.74 0.00	27.33 1.46 0.00	20.67 0.94 0.00	20.50 0.88 0.00
ST LAWRENCE____ 23600	18.10 -0.29 0.00	9.94 -0.18 0.00	0.20 0.00 0.00	4.16 -0.10 0.00	-2.21 0.06 0.00	5.40 -0.12 0.00	25.24 -0.66 0.00	20.71 -0.55 1.18	22.92 -0.59 0.00	19.58 -0.50 0.00	24.23 -0.69 0.00	23.70 -0.69 0.00	26.42 -0.65 0.00	26.10 -0.65 0.00	26.84 -0.69 0.00	30.44 -0.65 0.00	30.39 -0.65 0.00	30.57 -0.55 0.00	34.07 -0.79 0.00	27.54 -0.58 0.00	27.84 -0.58 0.00	25.33 -0.53 0.00	19.35 -0.38 0.00	19.28 -0.34 0.00
STATE_CA_115KV_115_LB 55624	18.90 0.50 0.00	19.92 0.30 -9.50	21.63 0.01 -21.42	19.36 0.13 -14.97	23.82 -0.07 -26.15	23.44 0.17 -17.74	26.79 0.89 0.00	23.23 0.78 0.00	24.35 0.84 0.00	20.71 0.63 0.00	25.70 0.78 0.00	25.16 0.76 0.00	27.37 0.78 0.48	27.03 0.71 0.43	27.75 0.84 0.62	31.32 0.85 0.61	31.96 0.93 0.02	32.02 0.90 0.00	36.19 1.33 0.00	28.97 0.85 0.00	29.24 0.82 0.00	26.51 0.65 0.00	20.17 0.43 0.00	20.00 0.38 0.00
STATE_ST_34_KV_LOAD 55959	18.64 0.24 0.00	12.22 0.10 -2.01	4.73 0.00 -4.52	7.50 0.08 -3.16	3.22 -0.04 -5.52	9.39 0.12 -3.74	26.65 0.76 0.00	23.08 0.63 0.00	24.31 0.80 0.00	20.82 0.74 0.00	25.98 1.06 0.00	25.27 0.88 0.00	27.85 0.78 0.00	27.51 0.76 0.00	28.42 0.89 0.00	32.06 0.98 0.00	31.97 0.92 0.00	31.83 0.71 0.00	35.71 0.85 0.00	29.03 0.91 0.00	29.28 0.86 0.00	26.70 0.83 0.00	20.18 0.45 0.00	20.08 0.45 0.00
STATION 5_MISC_HYD 23604	18.10 -0.30 0.00	11.86 -0.18 -1.92	4.53 0.00 -4.32	7.23 -0.05 -3.02	3.03 0.02 -5.28	9.05 -0.06 -3.58	25.66 -0.24 0.00	22.05 -0.40 0.00	23.26 -0.25 0.00	20.22 0.14 0.00	25.29 0.37 0.00	24.73 0.34 0.00	27.34 0.27 0.00	27.02 0.27 0.00	27.75 0.22 0.00	31.34 0.25 0.00	31.10 0.06 0.00	31.06 -0.06 0.00	34.73 -0.14 0.00	28.28 0.16 0.00	28.61 0.19 0.00	26.13 0.27 0.00	19.85 0.11 0.00	19.80 0.18 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.30 -0.10 0.00	11.98 -0.07 -1.93	4.57 0.00 -4.36	7.30 -0.01 -3.05	3.06 0.00 -5.32	9.14 0.00 -3.61	25.99 0.09 0.00	22.45 0.00 0.00	23.58 0.07 0.00	20.39 0.31 0.00	25.48 0.55 0.00	24.90 0.51 0.00	27.53 0.45 0.00	27.25 0.50 0.00	28.00 0.47 0.00	31.59 0.50 0.00	31.45 0.40 0.00	31.46 0.34 0.00	35.23 0.36 0.00	28.54 0.43 0.00	28.85 0.43 0.00	26.30 0.43 0.00	19.99 0.26 0.00	19.91 0.28 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.01 -0.39 0.00	11.81 -0.23 -1.91	4.51 0.00 -4.31	7.19 -0.08 -3.01	3.03 0.03 -5.26	9.01 -0.09 -3.57	25.53 -0.36 0.00	21.97 -0.48 0.00	23.16 -0.35 0.00	20.11 0.03 0.00	25.14 0.22 0.00	24.58 0.19 0.00	27.19 0.12 0.00	26.88 0.13 0.00	27.60 0.08 0.00	31.17 0.08 0.00	30.96 -0.09 0.00	30.93 -0.19 0.00	34.60 -0.26 0.00	28.14 0.02 0.00	28.45 0.03 0.00	25.98 0.12 0.00	19.73 0.00 0.00	19.67 0.05 0.00
STA_56___34_KV_BUS2 355983	18.01 -0.39 0.00	11.81 -0.23 -1.91	4.51 0.00 -4.31	7.19 -0.08 -3.01	3.03 0.03 -5.26	9.01 -0.09 -3.57	25.53 -0.36 0.00	21.97 -0.48 0.00	23.16 -0.35 0.00	20.11 0.03 0.00	25.14 0.22 0.00	24.58 0.19 0.00	27.19 0.12 0.00	26.88 0.13 0.00	27.60 0.08 0.00	31.17 0.08 0.00	30.96 -0.09 0.00	30.93 -0.19 0.00	34.60 -0.26 0.00	28.14 0.02 0.00	28.45 0.03 0.00	25.98 0.12 0.00	19.73 0.00 0.00	19.67 0.05 0.00
STA_67___115KV_BK2 355882	18.07 -0.33 0.00	11.84 -0.20 -1.92	4.52 0.00 -4.32	7.21 -0.06 -3.02	3.03 0.02 -5.27	9.03 -0.07 -3.58	25.60 -0.30 0.00	22.00 -0.45 0.00	23.20 -0.31 0.00	20.16 0.08 0.00	25.22 0.30 0.00	24.66 0.27 0.00	27.27 0.20 0.00	26.95 0.21 0.00	27.68 0.15 0.00	31.25 0.17 0.00	31.04 0.00 0.00	30.99 -0.13 0.00	34.64 -0.22 0.00	28.21 0.09 0.00	28.54 0.12 0.00	26.07 0.21 0.00	19.81 0.07 0.00	19.75 0.13 0.00
STA_7___115KV_9TRANS 80674	18.17 -0.22 0.00	11.89 -0.14 -1.92	4.53 0.00 -4.32	7.24 -0.04 -3.02	3.02 0.01 -5.28	9.07 -0.04 -3.58	25.77 -0.12 0.00	22.16 -0.29 0.00	23.38 -0.14 0.00	20.32 0.24 0.00	25.41 0.49 0.00	24.85 0.46 0.00	27.49 0.41 0.00	27.17 0.42 0.00	27.90 0.37 0.00	31.51 0.43 0.00	31.29 0.24 0.00	31.22 0.10 0.00	34.92 0.06 0.00	28.45 0.33 0.00	28.77 0.35 0.00	26.28 0.41 0.00	19.93 0.20 0.00	19.87 0.25 0.00
STA_82___115KV_TB1 80780	18.08 -0.32 0.00	11.85 -0.19 -1.92	4.54 0.00 -4.33	7.23 -0.06 -3.03	3.04 0.02 -5.29	9.05 -0.07 -3.59	25.62 -0.27 0.00	22.01 -0.44 0.00	23.21 -0.30 0.00	20.18 0.09 0.00	25.24 0.32 0.00	24.67 0.28 0.00	27.29 0.22 0.00	26.97 0.22 0.00	27.70 0.18 0.00	31.28 0.19 0.00	31.06 0.02 0.00	31.01 -0.12 0.00	34.68 -0.19 0.00	28.23 0.12 0.00	28.56 0.14 0.00	26.10 0.23 0.00	19.81 0.08 0.00	19.77 0.15 0.00
STEEL___WIND 323596	17.95 -0.44 0.00	12.08 -0.27 -2.23	5.23 0.00 -5.03	7.70 -0.07 -3.51	3.90 0.02 -6.14	9.61 -0.08 -4.17	25.44 -0.46 0.00	21.74 -0.71 0.00	23.01 -0.50 0.00	20.23 0.15 0.00	25.44 0.52 0.00	24.89 0.50 0.00	27.49 0.42 0.00	27.15 0.40 0.00	27.82 0.30 0.00	31.44 0.36 0.00	31.14 0.09 0.00	31.04 -0.08 0.00	34.60 -0.27 0.00	28.30 0.18 0.00	28.66 0.24 0.00	26.26 0.40 0.00	19.91 0.18 0.00	19.92 0.30 0.00

STEPHTWN_115KV_BK_2 55603	18.98 0.58 0.00	19.88 0.34 -9.42	21.47 0.01 -21.25	19.27 0.16 -14.85	23.61 -0.08 -25.95	23.32 0.18 -17.61	26.88 0.99 0.00	23.34 0.89 0.00	24.47 0.96 0.00	20.77 0.69 0.00	25.77 0.85 0.00	25.18 0.79 0.00	27.41 0.82 0.48	27.09 0.77 0.43	27.76 0.86 0.62	31.41 0.94 0.62	32.03 1.00 0.02	32.18 1.06 0.00	36.43 1.57 0.00	29.09 0.97 0.00	29.37 0.95 0.00	26.61 0.74 0.00	20.27 0.54 0.00	20.10 0.48 0.00
STEBEN_REC_LFGE 323667	17.66 -0.74 0.00	12.39 -0.39 -2.66	6.21 -0.01 -6.00	8.34 -0.12 -4.20	5.13 0.06 -7.33	10.39 -0.11 -4.97	25.66 -0.23 0.00	22.17 -0.28 0.00	23.27 -0.24 0.00	20.22 0.13 0.00	25.66 0.74 0.00	24.98 0.59 0.00	27.63 0.56 0.00	27.52 0.77 0.00	28.17 0.64 0.00	32.11 1.03 0.00	31.87 0.82 0.00	31.82 0.70 0.00	35.52 0.66 0.00	28.63 0.51 0.00	28.88 0.46 0.00	26.34 0.47 0.00	19.87 0.14 0.00	19.73 0.11 0.00
STILLWATER___SOLAR 323814	19.33 0.93 0.00	20.30 0.53 -9.65	21.98 0.01 -21.77	19.70 0.24 -15.21	24.17 -0.13 -26.57	23.91 0.35 -18.03	27.59 1.69 0.00	23.92 1.47 0.00	25.05 1.54 0.00	21.29 1.21 0.00	26.45 1.53 0.00	25.85 1.46 0.00	28.18 1.59 0.47	27.82 1.49 0.42	28.59 1.66 0.61	32.29 1.80 0.59	32.83 1.80 0.02	32.87 1.75 0.00	37.11 2.24 0.00	29.73 1.61 0.00	29.99 1.57 0.00	27.19 1.33 0.00	20.63 0.90 0.00	20.47 0.85 0.00
STONY___BROOK 24151	19.91 1.51 0.00	18.74 0.83 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.17 -21.44	20.52 0.45 -14.54	27.76 1.87 0.00	24.30 1.84 0.00	25.35 1.84 0.00	21.58 1.50 0.00	27.43 2.51 0.00	27.14 2.75 0.00	30.45 2.90 -0.48	31.93 2.85 -2.33	32.77 3.09 -2.15	34.83 3.14 -0.60	34.18 3.12 -0.02	34.03 2.91 0.00	50.29 3.69 -11.74	30.93 2.82 0.00	31.16 2.74 0.00	38.60 2.39 -10.35	22.23 1.71 -0.79	26.51 1.65 -5.24
STURGEON_POOL_HYD 23609	19.45 1.05 0.00	18.58 0.60 -7.86	17.95 0.01 -17.73	16.91 0.26 -12.39	19.25 -0.13 -21.64	20.56 0.35 -14.69	27.58 1.69 0.00	23.96 1.51 0.00	25.00 1.49 0.00	21.37 1.29 0.00	26.62 1.70 0.00	26.07 1.68 0.00	29.08 1.84 -0.17	28.70 1.80 -0.15	29.67 1.92 -0.22	33.28 1.99 -0.21	33.05 1.99 -0.01	33.11 1.99 0.00	37.35 2.49 0.00	29.94 1.83 0.00	30.23 1.81 0.00	27.44 1.57 0.00	20.89 1.16 0.00	20.68 1.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.36 0.96 0.00	17.64 0.55 -6.97	15.94 0.01 -15.72	15.49 0.24 -10.98	16.81 -0.12 -19.19	18.87 0.32 -13.02	27.43 1.54 0.00	23.83 1.38 0.00	24.88 1.37 0.00	21.27 1.19 0.00	26.55 1.63 0.00	26.03 1.64 0.00	29.16 1.72 -0.37	28.75 1.68 -0.33	29.81 1.81 -0.47	33.42 1.88 -0.46	32.98 1.92 -0.01	33.00 1.88 0.00	37.17 2.31 0.00	29.80 1.68 0.00	30.09 1.67 0.00	27.33 1.47 0.00	20.82 1.08 0.00	20.61 0.99 0.00
SWANROAD_115KV_TB1 355699	17.46 -0.94 0.00	11.71 -0.53 -2.13	4.99 -0.01 -4.80	7.44 -0.17 -3.35	3.67 0.07 -5.85	9.27 -0.23 -3.97	24.67 -1.23 0.00	20.98 -1.47 0.00	22.21 -1.30 0.00	19.59 -0.50 0.00	24.60 -0.32 0.00	24.20 -0.19 0.00	26.68 -0.39 0.00	26.35 -0.39 0.00	26.98 -0.54 0.00	30.49 -0.59 0.00	30.14 -0.91 0.00	29.90 -1.22 0.00	33.24 -1.63 0.00	27.28 -0.84 0.00	27.67 -0.75 0.00	25.41 -0.45 0.00	19.31 -0.42 0.00	19.38 -0.24 0.00
SYNERGY___BIOGAS 323694	18.26 -0.14 0.00	12.05 -0.10 -2.04	4.80 0.00 -4.60	7.47 0.00 -3.21	3.33 -0.02 -5.61	9.35 0.02 -3.81	25.95 0.05 0.00	22.24 -0.20 0.00	23.50 -0.01 0.00	20.58 0.49 0.00	25.80 0.88 0.00	25.21 0.82 0.00	27.78 0.71 0.00	27.48 0.73 0.00	28.23 0.70 0.00	31.90 0.82 0.00	31.59 0.55 0.00	31.51 0.38 0.00	35.17 0.31 0.00	28.75 0.64 0.00	29.10 0.69 0.00	26.64 0.78 0.00	20.19 0.46 0.00	20.19 0.57 0.00
SYRACUSE___ENERGY_ST1 323597	18.49 0.09 0.00	11.95 0.04 -1.78	4.23 0.00 -4.02	7.10 0.03 -2.81	2.64 -0.02 -4.91	8.89 0.04 -3.33	26.11 0.21 0.00	22.60 0.15 0.00	23.66 0.15 0.00	20.25 0.17 0.00	25.17 0.24 0.00	24.61 0.22 0.00	27.28 0.20 0.00	26.99 0.24 0.00	27.79 0.26 0.00	31.34 0.26 0.00	31.30 0.25 0.00	31.35 0.23 0.00	35.16 0.30 0.00	28.37 0.25 0.00	28.65 0.22 0.00	26.12 0.25 0.00	19.92 0.19 0.00	19.81 0.20 0.00
SYRACUSE___ENERGY_ST2 323598	18.49 0.09 0.00	11.95 0.04 -1.78	4.23 0.00 -4.02	7.10 0.03 -2.81	2.64 -0.02 -4.91	8.89 0.04 -3.33	26.11 0.21 0.00	22.60 0.15 0.00	23.66 0.15 0.00	20.25 0.17 0.00	25.17 0.24 0.00	24.61 0.22 0.00	27.28 0.20 0.00	26.99 0.24 0.00	27.79 0.26 0.00	31.34 0.26 0.00	31.30 0.25 0.00	31.35 0.23 0.00	35.16 0.30 0.00	28.37 0.25 0.00	28.65 0.22 0.00	26.12 0.25 0.00	19.92 0.19 0.00	19.81 0.20 0.00
SYRACUSE___POWER 24017	18.44 0.04 0.00	11.93 0.02 -1.79	4.25 0.00 -4.04	7.11 0.02 -2.82	2.66 -0.01 -4.93	8.90 0.03 -3.35	26.07 0.17 0.00	22.58 0.13 0.00	23.65 0.14 0.00	20.25 0.16 0.00	25.15 0.23 0.00	24.58 0.19 0.00	27.26 0.19 0.00	26.98 0.22 0.00	27.76 0.23 0.00	31.32 0.23 0.00	31.28 0.23 0.00	31.33 0.21 0.00	35.14 0.27 0.00	28.33 0.22 0.00	28.62 0.20 0.00	26.08 0.22 0.00	19.90 0.16 0.00	19.79 0.17 0.00
TALLMAN__138KV_BK151 55660	19.42 1.03 0.00	17.82 0.58 -7.12	16.27 0.01 -16.06	15.73 0.26 -11.22	17.21 -0.13 -19.60	19.17 0.34 -13.30	27.55 1.65 0.00	23.93 1.48 0.00	24.97 1.46 0.00	21.39 1.31 0.00	26.75 1.83 0.00	26.23 1.84 0.00	29.38 1.92 -0.39	28.98 1.89 -0.35	30.05 2.03 -0.50	33.66 2.10 -0.48	33.19 2.13 -0.01	33.13 2.01 0.00	37.31 2.44 0.00	29.93 1.81 0.00	30.23 1.81 0.00	27.47 1.61 0.00	20.90 1.17 0.00	20.69 1.07 0.00
TEALLAVE_115KV_TB7 355573	18.32 -0.07 0.00	11.72 -0.04 -1.64	3.90 0.00 -3.70	6.84 -0.01 -2.58	2.25 0.00 -4.52	8.58 -0.01 -3.06	25.89 0.00 0.00	22.42 -0.03 0.00	23.49 -0.02 0.00	20.11 0.03 0.00	24.99 0.07 0.00	24.43 0.04 0.00	27.09 0.02 0.00	26.81 0.06 0.00	27.57 0.05 0.00	31.11 0.03 0.00	31.06 0.01 0.00	31.10 -0.02 0.00	34.87 0.00 0.00	28.13 0.01 0.00	28.41 -0.01 0.00	25.91 0.04 0.00	19.77 0.04 0.00	19.67 0.05 0.00
TELEGRAPH_34_KV_EAST 80808	17.89 -0.51 0.00	11.89 -0.30 -2.07	4.88 0.00 -4.67	7.44 -0.08 -3.26	3.46 0.02 -5.70	9.30 -0.10 -3.87	25.33 -0.57 0.00	21.64 -0.81 0.00	22.87 -0.64 0.00	20.11 0.03 0.00	25.23 0.31 0.00	24.75 0.36 0.00	27.30 0.23 0.00	26.99 0.25 0.00	27.66 0.13 0.00	31.24 0.15 0.00	30.91 -0.14 0.00	30.76 -0.36 0.00	34.26 -0.60 0.00	28.05 -0.06 0.00	28.42 0.00 0.00	26.05 0.19 0.00	19.78 0.05 0.00	19.81 0.19 0.00
TEMPLE___115KV_TB 2 55572	18.34 -0.06 0.00	11.74 -0.04 -1.65	3.94 0.00 -3.73	6.87 0.00 -2.61	2.29 0.00 -4.55	8.61 0.00 -3.09	25.92 0.02 0.00	22.45 0.00 0.00	23.51 0.00 0.00	20.14 0.05 0.00	25.02 0.10 0.00	24.46 0.07 0.00	27.13 0.05 0.00	26.84 0.09 0.00	27.61 0.08 0.00	31.15 0.07 0.00	31.10 0.05 0.00	31.14 0.02 0.00	34.91 0.04 0.00	28.15 0.04 0.00	28.44 0.02 0.00	25.93 0.07 0.00	19.79 0.06 0.00	19.69 0.07 0.00

TIANA___69_KV_BK 1 55817	20.07 1.68 0.00	18.83 0.92 -7.79	17.78 0.02 -17.56	16.90 0.37 -12.27	18.99 -0.19 -21.44	20.55 0.48 -14.54	27.89 2.00 0.00	24.61 2.16 0.00	25.52 2.01 0.00	21.69 1.61 0.00	27.54 2.62 0.00	27.25 2.86 0.00	30.61 3.06 -0.48	32.08 3.00 -2.33	32.96 3.28 -2.15	35.12 3.44 -0.60	34.49 3.43 -0.02	34.54 3.42 0.00	50.90 4.30 -11.73	31.32 3.20 0.00	31.51 3.09 0.00	38.90 2.69 -10.35	22.50 1.98 -0.79	26.74 1.89 -5.23
TILDEN___115KV_TB1 80814	18.44 0.04 0.00	11.93 0.02 -1.79	4.25 0.00 -4.04	7.11 0.02 -2.82	2.66 -0.01 -4.93	8.90 0.03 -3.35	26.07 0.17 0.00	22.58 0.13 0.00	23.65 0.14 0.00	20.25 0.16 0.00	25.15 0.23 0.00	24.58 0.19 0.00	27.26 0.19 0.00	26.98 0.22 0.00	27.76 0.23 0.00	31.32 0.23 0.00	31.28 0.23 0.00	31.33 0.21 0.00	35.14 0.27 0.00	28.33 0.22 0.00	28.62 0.20 0.00	26.08 0.22 0.00	19.90 0.16 0.00	19.79 0.17 0.00
TRIGEN___CC 323695	19.75 1.36 0.00	18.68 0.77 -7.79	17.78 0.02 -17.56	16.84 0.32 -12.27	19.01 -0.16 -21.44	20.49 0.42 -14.54	27.87 1.97 0.00	24.23 1.78 0.00	25.28 1.77 0.00	21.55 1.47 0.00	27.13 2.22 0.00	26.72 2.33 0.00	30.04 2.49 -0.48	31.54 2.46 -2.33	32.28 2.61 -2.15	34.27 2.59 -0.60	33.63 2.56 -0.02	33.63 2.51 0.00	49.78 3.18 -11.73	30.49 2.37 0.00	30.76 2.34 0.00	38.27 2.05 -10.35	22.04 1.52 -0.79	26.29 1.44 -5.23
TRINITY___115KV___4 BK 55933	18.81 0.41 0.00	19.82 0.26 -9.44	21.52 0.00 -21.31	19.26 0.11 -14.89	23.69 -0.06 -26.01	23.32 0.14 -17.65	26.64 0.75 0.00	23.09 0.64 0.00	24.22 0.71 0.00	20.59 0.51 0.00	25.55 0.63 0.00	25.01 0.62 0.00	27.20 0.61 0.48	26.88 0.56 0.43	27.57 0.67 0.62	31.12 0.65 0.61	31.78 0.75 0.02	31.81 0.69 0.00	35.98 1.12 0.00	28.81 0.69 0.00	29.08 0.66 0.00	26.38 0.51 0.00	20.07 0.33 0.00	19.90 0.28 0.00
UNION___PROCESSING_DRP 323587	18.08 -0.32 0.00	11.85 -0.19 -1.92	4.54 0.00 -4.33	7.23 -0.06 -3.03	3.05 0.02 -5.29	9.05 -0.06 -3.59	25.62 -0.27 0.00	22.02 -0.43 0.00	23.22 -0.29 0.00	20.19 0.10 0.00	25.25 0.33 0.00	24.69 0.29 0.00	27.31 0.23 0.00	26.98 0.24 0.00	27.71 0.19 0.00	31.29 0.21 0.00	31.08 0.03 0.00	31.02 -0.10 0.00	34.68 -0.18 0.00	28.25 0.13 0.00	28.57 0.15 0.00	26.10 0.24 0.00	19.83 0.09 0.00	19.77 0.15 0.00
UPPER HUDSON___HYD 24058	19.31 0.92 0.00	20.30 0.50 -9.67	22.03 0.01 -21.82	19.74 0.23 -15.24	24.22 -0.15 -26.63	24.02 0.42 -18.07	27.90 2.00 0.00	24.24 1.79 0.00	25.39 1.88 0.00	21.55 1.47 0.00	26.82 1.90 0.00	26.19 1.80 0.00	28.61 1.97 0.44	28.25 1.89 0.39	29.08 2.11 0.56	32.81 2.28 0.55	33.14 2.11 0.02	33.14 2.02 0.00	37.43 2.57 0.00	29.94 1.82 0.00	30.16 1.74 0.00	27.32 1.46 0.00	20.67 0.94 0.00	20.49 0.88 0.00
UPPER RAQUET___HYD 24056	18.05 -0.35 0.00	10.15 -0.24 -0.26	1.77 -0.01 -1.57	9.05 -0.15 -4.94	1.96 0.08 -4.13	10.58 -0.17 -5.23	33.15 -0.97 -8.22	24.28 -0.98 -2.82	30.17 -1.17 -7.83	25.02 -1.03 -5.97	31.65 -1.38 -8.12	31.40 -1.37 -8.38	34.45 -1.37 -8.75	28.25 -1.33 -2.83	26.11 -1.42 0.00	29.77 -1.31 0.00	29.78 -1.27 0.00	30.10 -1.01 0.00	33.54 -1.32 0.00	26.99 -1.13 0.00	27.27 -1.15 0.00	24.90 -0.97 0.00	20.61 -0.48 -1.36	19.15 -0.46 0.00
VALLEY44_115KV_TB2 355964	18.70 0.30 0.00	12.60 0.12 -2.36	5.53 0.00 -5.32	8.06 0.08 -3.72	4.17 -0.06 -6.49	10.04 0.11 -4.41	26.43 0.54 0.00	22.74 0.29 0.00	23.96 0.45 0.00	20.94 0.86 0.00	26.31 1.39 0.00	25.76 1.37 0.00	28.48 1.41 0.00	28.12 1.37 0.00	28.90 1.38 0.00	32.64 1.56 0.00	32.32 1.27 0.00	32.16 1.04 0.00	35.91 1.05 0.00	29.22 1.10 0.00	29.57 1.15 0.00	27.03 1.17 0.00	20.53 0.81 0.00	20.50 0.88 0.00
VALLEY___115KV_TB 1-4 80826	18.76 0.36 0.00	10.50 0.18 -0.19	0.64 0.01 -0.44	4.65 0.09 -0.30	-1.78 -0.05 -0.53	6.01 0.13 -0.36	26.53 0.64 0.00	24.38 0.69 -1.25	24.07 0.56 0.00	20.41 0.33 0.00	25.29 0.37 0.00	24.96 0.57 0.00	27.42 0.35 0.00	27.06 0.32 0.00	27.94 0.41 0.00	31.56 0.47 0.00	31.53 0.48 0.00	31.94 0.82 0.00	35.95 1.08 0.00	28.71 0.59 0.00	28.90 0.48 0.00	26.29 0.43 0.00	20.08 0.35 0.00	19.97 0.34 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.18 0.78 0.00	15.28 0.44 -4.72	10.87 0.01 -10.65	11.91 0.21 -7.44	10.63 -0.11 -13.00	14.62 0.27 -8.82	27.24 1.34 0.00	23.56 1.11 0.00	24.72 1.21 0.00	21.13 1.05 0.00	26.32 1.40 0.00	25.73 1.34 0.00	28.49 1.41 0.00	28.14 1.39 0.00	29.01 1.49 0.00	32.66 1.57 0.00	32.64 1.59 0.00	32.55 1.43 0.00	36.60 1.73 0.00	29.55 1.43 0.00	29.84 1.42 0.00	27.09 1.23 0.00	20.57 0.84 0.00	20.39 0.77 0.00
VISCHER___FERRY HYD 24020	19.16 0.76 0.00	20.13 0.45 -9.56	21.78 0.01 -21.57	19.52 0.20 -15.07	23.96 -0.10 -26.33	23.66 0.27 -17.86	27.17 1.27 0.00	23.54 1.09 0.00	24.64 1.13 0.00	20.94 0.86 0.00	26.01 1.09 0.00	25.46 1.07 0.00	27.59 1.11 0.59	27.29 1.07 0.52	27.98 1.20 0.75	31.54 1.20 0.74	32.28 1.26 0.02	32.33 1.21 0.00	36.51 1.65 0.00	29.23 1.11 0.00	29.51 1.09 0.00	26.77 0.90 0.00	20.36 0.63 0.00	20.20 0.58 0.00
V_A_10_SYNC_DSASP 323832	17.74 -0.65 0.00	11.76 -0.38 -2.02	4.75 0.00 -4.55	7.32 -0.12 -3.18	3.35 0.05 -5.56	9.13 -0.17 -3.77	25.03 -0.86 0.00	21.41 -1.04 0.00	22.62 -0.89 0.00	19.80 -0.28 0.00	24.86 -0.06 0.00	24.33 -0.06 0.00	26.88 -0.19 0.00	26.54 -0.22 0.00	27.20 -0.33 0.00	30.72 -0.37 0.00	30.42 -0.63 0.00	30.34 -0.79 0.00	33.85 -1.02 0.00	27.65 -0.47 0.00	28.02 -0.41 0.00	25.67 -0.20 0.00	19.50 -0.22 0.00	19.53 -0.09 0.00
V_CMM_10_SYNC_DSASP 323787	18.18 -0.21 0.00	9.98 -0.14 0.00	0.20 -0.01 0.00	4.18 -0.09 0.00	-2.22 0.04 0.00	5.42 -0.10 0.00	25.34 -0.56 0.00	20.81 -0.46 1.18	23.02 -0.49 0.00	19.67 -0.41 0.00	24.34 -0.58 0.00	23.82 -0.57 0.00	26.54 -0.53 0.00	26.22 -0.53 0.00	26.95 -0.57 0.00	30.57 -0.51 0.00	30.52 -0.52 0.00	30.71 -0.41 0.00	34.23 -0.64 0.00	27.66 -0.45 0.00	27.98 -0.44 0.00	25.46 -0.41 0.00	19.44 -0.29 0.00	19.37 -0.25 0.00
V_CMP_10_SYNC_DSASP 323788	18.59 0.19 0.00	10.11 -0.01 0.00	-5.25 -0.01 5.44	-21.20 -0.21 25.25	-21.18 0.11 19.03	-21.20 -0.24 26.48	-21.25 -1.20 45.94	-18.56 -1.00 40.01	-21.23 -0.99 43.75	-14.12 -0.84 33.37	-21.73 -1.23 45.42	-23.79 -1.29 46.89	-22.90 -1.43 48.55	9.97 -1.33 15.45	26.73 -0.80 0.00	30.65 -0.43 0.00	30.77 -0.29 0.00	30.59 -0.53 0.00	34.44 -0.43 0.00	27.51 -0.61 0.00	27.60 -0.82 0.00	25.06 -0.81 0.00	12.37 -0.52 6.84	19.45 -0.17 0.00
V_E_10_SYNC_DSASP 323830	19.17 0.77 0.00	14.01 0.40 -3.49	8.10 0.01 -7.88	9.96 0.19 -5.50	7.25 -0.11 -9.62	12.37 0.32 -6.53	27.68 1.78 0.00	24.09 1.64 0.00	25.13 1.62 0.00	21.56 1.47 0.00	27.03 2.11 0.00	26.36 1.97 0.00	29.08 2.00 0.00	28.68 1.93 0.00	29.61 2.09 0.00	33.49 2.41 0.00	33.67 2.62 0.00	33.99 2.87 0.00	38.03 3.16 0.00	30.54 2.42 0.00	30.68 2.26 0.00	27.72 1.85 0.00	21.11 1.37 0.00	20.96 1.34 0.00

V_F_30_NSYNC___DSASP 323816	19.35 0.95 0.00	20.32 0.54 -9.66	22.00 0.01 -21.79	19.73 0.24 -15.22	24.20 -0.14 -26.60	23.94 0.36 -18.05	27.63 1.74 0.00	23.96 1.51 0.00	25.08 1.57 0.00	21.32 1.24 0.00	26.48 1.56 0.00	25.89 1.50 0.00	28.25 1.63 0.45	27.88 1.54 0.41	28.66 1.71 0.58	32.37 1.86 0.57	32.88 1.85 0.02	32.91 1.80 0.00	37.17 2.30 0.00	29.77 1.66 0.00	30.04 1.62 0.00	27.23 1.37 0.00	20.67 0.94 0.00	20.49 0.87 0.00
V_F_30_SYNC_DSASP 323786	18.89 0.50 0.00	19.92 0.30 -9.49	21.62 0.01 -21.41	19.35 0.13 -14.96	23.81 -0.07 -26.14	23.43 0.17 -17.73	26.78 0.89 0.00	23.23 0.78 0.00	24.35 0.84 0.00	20.71 0.62 0.00	25.70 0.77 0.00	25.15 0.76 0.00	27.37 0.78 0.48	27.03 0.71 0.43	27.74 0.83 0.62	31.32 0.85 0.61	31.95 0.93 0.02	32.01 0.89 0.00	36.19 1.33 0.00	28.96 0.84 0.00	29.23 0.81 0.00	26.51 0.65 0.00	20.17 0.43 0.00	20.00 0.38 0.00
V_XM_10_SYNC_DSASP 323789	18.59 0.19 0.00	10.11 -0.01 0.00	-5.25 -0.01 5.44	-21.20 -0.21 25.25	-21.18 0.11 19.03	-21.20 -0.24 26.48	-21.25 -1.20 45.94	-18.56 -1.00 40.01	-21.23 -0.99 43.75	-14.12 -0.84 33.37	-21.73 -1.23 45.42	-23.79 -1.29 46.89	-22.90 -1.43 48.55	9.97 -1.33 15.45	26.73 -0.80 0.00	30.65 -0.43 0.00	30.77 -0.29 0.00	30.59 -0.53 0.00	34.44 -0.43 0.00	27.51 -0.61 0.00	27.60 -0.82 0.00	25.06 -0.81 0.00	12.37 -0.52 6.84	19.45 -0.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.48 1.08 0.00	17.86 0.61 -7.13	16.31 0.01 -16.09	15.77 0.26 -11.24	17.24 -0.14 -19.64	19.21 0.36 -13.33	27.63 1.73 0.00	24.00 1.55 0.00	25.04 1.53 0.00	21.45 1.37 0.00	26.82 1.90 0.00	26.30 1.91 0.00	29.46 2.00 -0.39	29.06 1.96 -0.35	30.14 2.11 -0.50	33.76 2.19 -0.48	33.29 2.22 -0.01	33.24 2.12 0.00	37.42 2.55 0.00	30.02 1.90 0.00	30.32 1.90 0.00	27.55 1.69 0.00	20.96 1.23 0.00	20.75 1.13 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.67 1.27 0.00	18.63 0.72 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.02 -0.16 -21.44	20.48 0.41 -14.55	27.89 1.99 0.00	24.25 1.80 0.00	25.35 1.84 0.00	21.66 1.58 0.00	27.11 2.19 0.00	26.59 2.20 0.00	29.89 2.34 -0.48	29.46 2.28 -0.43	30.57 2.43 -0.62	34.19 2.51 -0.60	33.58 2.51 -0.02	33.54 2.42 0.00	37.89 3.02 0.00	30.33 2.21 0.00	30.60 2.18 0.00	27.78 1.91 0.00	21.13 1.40 0.00	20.94 1.31 0.00
W50THST__13_KV_LOAD 356117	19.73 1.34 0.00	18.67 0.76 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.17 -21.44	20.50 0.43 -14.55	28.00 2.11 0.00	24.36 1.91 0.00	25.47 1.96 0.00	21.78 1.70 0.00	27.27 2.35 0.00	26.76 2.37 0.00	30.08 2.53 -0.48	29.66 2.48 -0.43	30.77 2.62 -0.62	34.41 2.73 -0.60	33.79 2.72 -0.02	33.75 2.63 0.00	38.09 3.22 0.00	30.48 2.36 0.00	30.74 2.32 0.00	27.90 2.03 0.00	21.23 1.50 0.00	21.02 1.39 0.00
WADING RIVER_IC_1 23522	19.87 1.47 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.47 0.41 -14.54	27.45 1.55 0.00	24.36 1.91 0.00	25.13 1.62 0.00	21.36 1.28 0.00	27.14 2.22 0.00	26.86 2.47 0.00	30.13 2.58 -0.48	31.64 2.56 -2.33	32.51 2.83 -2.15	34.55 2.87 -0.60	33.96 2.90 -0.02	34.14 3.02 0.00	50.43 3.82 -11.74	30.81 2.69 0.00	31.00 2.58 0.00	38.44 2.23 -10.35	22.25 1.72 -0.79	26.53 1.67 -5.24
WADING RIVER_IC_2 23547	19.87 1.47 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.47 0.41 -14.54	27.45 1.55 0.00	24.36 1.91 0.00	25.13 1.62 0.00	21.36 1.28 0.00	27.14 2.22 0.00	26.86 2.47 0.00	30.13 2.58 -0.48	31.64 2.56 -2.33	32.51 2.83 -2.15	34.55 2.87 -0.60	33.96 2.90 -0.02	34.14 3.02 0.00	50.43 3.82 -11.74	30.81 2.69 0.00	31.00 2.58 0.00	38.44 2.23 -10.35	22.25 1.72 -0.79	26.53 1.67 -5.24
WADING RIVER_IC_3 23601	19.87 1.47 0.00	18.72 0.81 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.01 -0.16 -21.44	20.47 0.41 -14.54	27.45 1.55 0.00	24.36 1.91 0.00	25.13 1.62 0.00	21.36 1.28 0.00	27.14 2.22 0.00	26.86 2.47 0.00	30.13 2.58 -0.48	31.64 2.56 -2.33	32.51 2.83 -2.15	34.55 2.87 -0.60	33.96 2.90 -0.02	34.14 3.02 0.00	50.43 3.82 -11.74	30.81 2.69 0.00	31.00 2.58 0.00	38.44 2.23 -10.35	22.25 1.72 -0.79	26.53 1.67 -5.24
WALDENNY_12_KV_BK2 80841	17.96 -0.43 0.00	12.08 -0.26 -2.22	5.21 0.00 -5.00	7.69 -0.07 -3.50	3.87 0.02 -6.11	9.59 -0.08 -4.14	25.45 -0.45 0.00	21.75 -0.70 0.00	23.02 -0.49 0.00	20.25 0.17 0.00	25.47 0.55 0.00	24.92 0.53 0.00	27.54 0.47 0.00	27.21 0.47 0.00	27.89 0.36 0.00	31.51 0.43 0.00	31.19 0.14 0.00	31.06 -0.07 0.00	34.61 -0.26 0.00	28.30 0.18 0.00	28.66 0.24 0.00	26.26 0.39 0.00	19.91 0.18 0.00	19.91 0.29 0.00
WALDEN___HYDRO 24148	19.51 1.11 0.00	18.09 0.63 -7.34	16.78 0.01 -16.56	16.10 0.27 -11.57	17.81 -0.14 -20.21	19.61 0.37 -13.71	27.69 1.80 0.00	24.06 1.60 0.00	25.12 1.61 0.00	21.42 1.34 0.00	26.66 1.74 0.00	26.12 1.73 0.00	29.27 1.87 -0.34	28.82 1.77 -0.30	29.91 1.94 -0.43	33.52 2.01 -0.42	33.13 2.07 -0.01	33.25 2.13 0.00	37.55 2.68 0.00	30.14 2.03 0.00	30.42 2.00 0.00	27.62 1.75 0.00	21.00 1.26 0.00	20.77 1.15 0.00
WARRENSBURG___ 23737	19.31 0.92 0.00	20.30 0.50 -9.67	22.03 0.01 -21.82	19.74 0.23 -15.24	24.22 -0.15 -26.63	24.02 0.42 -18.07	27.90 2.00 0.00	24.24 1.79 0.00	25.39 1.88 0.00	21.55 1.47 0.00	26.82 1.90 0.00	26.19 1.80 0.00	28.61 1.97 0.44	28.25 1.89 0.39	29.08 2.11 0.56	32.81 2.28 0.55	33.14 2.11 0.02	33.14 2.02 0.00	37.43 2.57 0.00	29.94 1.82 0.00	30.16 1.74 0.00	27.32 1.46 0.00	20.67 0.94 0.00	20.49 0.88 0.00
WATERSIDE___6 8 9 23538	19.62 1.23 0.00	18.61 0.70 -7.79	17.78 0.01 -17.56	16.84 0.31 -12.27	19.03 -0.15 -21.44	20.47 0.40 -14.55	27.82 1.93 0.00	24.19 1.74 0.00	25.28 1.77 0.00	21.62 1.53 0.00	27.05 2.13 0.00	26.54 2.15 0.00	29.81 2.26 -0.48	29.41 2.24 -0.43	30.50 2.36 -0.62	34.10 2.42 -0.60	33.46 2.39 -0.02	33.45 2.33 0.00	37.75 2.89 0.00	30.28 2.16 0.00	30.55 2.13 0.00	27.74 1.88 0.00	21.10 1.37 0.00	20.89 1.27 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.66 0.26 0.00	10.46 0.14 -0.19	0.64 0.00 -0.44	4.63 0.07 -0.30	-1.77 -0.04 -0.53	5.98 0.09 -0.36	26.37 0.48 0.00	24.21 0.51 -1.25	23.94 0.43 0.00	20.33 0.24 0.00	25.19 0.26 0.00	24.79 0.40 0.00	27.31 0.24 0.00	26.96 0.21 0.00	27.80 0.27 0.00	31.43 0.35 0.00	31.40 0.35 0.00	31.69 0.56 0.00	35.68 0.81 0.00	28.58 0.46 0.00	28.81 0.39 0.00	26.22 0.36 0.00	20.00 0.27 0.00	19.87 0.25 0.00
WATSON___69_KV_BK 1 55734	20.16 1.77 0.00	18.87 0.97 -7.79	17.78 0.02 -17.56	16.92 0.39 -12.27	18.98 -0.19 -21.44	20.58 0.51 -14.54	28.16 2.26 0.00	24.64 2.20 0.00	25.68 2.17 0.00	21.84 1.76 0.00	27.68 2.76 0.00	27.32 2.93 0.00	30.65 3.10 -0.48	32.12 3.05 -2.33	33.02 3.35 -2.15	35.10 3.42 -0.60	34.44 3.37 -0.02	34.42 3.30 0.00	50.80 4.19 -11.73	31.26 3.14 0.00	31.50 3.08 0.00	38.95 2.74 -10.35	22.55 2.03 -0.79	26.79 1.93 -5.23



WDELAWARE___HYD 323627	19.75 1.35 0.00	17.64 0.74 -6.78	15.52 0.02 -15.30	15.27 0.32 -10.69	16.25 -0.17 -18.68	18.63 0.43 -12.67	27.90 2.01 0.00	24.31 1.86 0.00	25.28 1.77 0.00	21.53 1.45 0.00	26.69 1.77 0.00	26.19 1.79 0.00	29.19 1.90 -0.23	28.70 1.75 -0.20	29.68 1.87 -0.29	33.45 2.09 -0.28	33.30 2.24 -0.01	33.60 2.48 0.00	37.87 3.01 0.00	30.27 2.15 0.00	30.55 2.13 0.00	27.72 1.86 0.00	21.18 1.45 0.00	20.98 1.36 0.00
WEST BABYLON___IC 23714	20.07 1.67 0.00	18.83 0.92 -7.79	17.78 0.02 -17.56	16.90 0.37 -12.27	18.99 -0.19 -21.44	20.55 0.48 -14.54	28.09 2.19 0.00	24.53 2.09 0.00	25.60 2.09 0.00	21.77 1.70 0.00	27.58 2.66 0.00	27.20 2.81 0.00	30.54 2.99 -0.48	32.02 2.94 -2.33	32.89 3.21 -2.15	34.93 3.25 -0.60	34.24 3.18 -0.02	34.24 3.12 0.00	50.56 3.95 -11.73	31.11 2.99 0.00	31.36 2.94 0.00	38.81 2.60 -10.35	22.44 1.92 -0.79	26.68 1.83 -5.23
WEST CANADA___HYD 24049	18.43 0.04 0.00	10.34 0.02 -0.19	0.64 0.00 -0.44	4.58 0.01 -0.30	-1.74 -0.01 -0.53	5.91 0.02 -0.36	26.01 0.11 0.00	23.80 0.11 -1.25	23.61 0.10 0.00	20.16 0.08 0.00	25.03 0.11 0.00	24.50 0.11 0.00	27.18 0.11 0.00	26.86 0.11 0.00	27.63 0.10 0.00	31.20 0.12 0.00	31.18 0.13 0.00	31.27 0.15 0.00	35.07 0.20 0.00	28.23 0.11 0.00	28.53 0.12 0.00	25.97 0.10 0.00	19.81 0.08 0.00	19.68 0.06 0.00
WESTERN_NY_WIND 24143	18.23 -0.16 0.00	12.05 -0.11 -2.05	4.83 0.00 -4.62	7.48 -0.01 -3.23	3.36 -0.02 -5.64	9.37 0.02 -3.82	25.90 0.01 0.00	22.21 -0.23 0.00	23.45 -0.06 0.00	20.55 0.47 0.00	25.75 0.82 0.00	25.18 0.79 0.00	27.75 0.67 0.00	27.46 0.71 0.00	28.20 0.67 0.00	31.86 0.78 0.00	31.56 0.52 0.00	31.46 0.34 0.00	35.12 0.26 0.00	28.72 0.61 0.00	29.07 0.65 0.00	26.60 0.73 0.00	20.17 0.44 0.00	20.16 0.54 0.00
WESTOVER___LESR 323668	18.69 0.29 0.00	13.74 0.16 -3.46	8.03 0.00 -7.82	9.82 0.10 -5.46	7.23 -0.05 -9.54	12.10 0.11 -6.47	26.45 0.56 0.00	22.89 0.44 0.00	24.01 0.50 0.00	20.61 0.53 0.00	25.70 0.78 0.00	25.14 0.75 0.00	27.82 0.75 0.00	27.55 0.80 0.00	28.37 0.84 0.00	31.97 0.89 0.00	31.91 0.86 0.00	31.88 0.76 0.00	35.73 0.86 0.00	28.80 0.68 0.00	29.08 0.66 0.00	26.48 0.61 0.00	20.15 0.41 0.00	20.03 0.40 0.00
WETHRSFD_WT_PWR 323626	17.58 -0.82 0.00	12.07 -0.45 -2.40	5.62 -0.01 -5.42	7.91 -0.14 -3.79	4.42 0.06 -6.62	9.86 -0.15 -4.49	25.20 -0.70 0.00	21.60 -0.85 0.00	22.78 -0.73 0.00	19.94 -0.14 0.00	25.19 0.27 0.00	24.55 0.16 0.00	27.13 0.06 0.00	26.86 0.11 0.00	27.55 0.02 0.00	31.32 0.24 0.00	31.04 -0.01 0.00	30.94 -0.18 0.00	34.53 -0.34 0.00	28.09 -0.03 0.00	28.42 0.00 0.00	25.95 0.08 0.00	19.62 -0.12 0.00	19.54 -0.08 0.00
WHAVSTOR_138KV_BK127 55557	19.40 1.00 0.00	17.82 0.57 -7.14	16.31 0.01 -16.10	15.75 0.25 -11.24	17.26 -0.13 -19.65	19.19 0.33 -13.33	27.51 1.61 0.00	23.88 1.43 0.00	24.91 1.41 0.00	21.35 1.27 0.00	26.70 1.78 0.00	26.17 1.78 0.00	29.32 1.86 -0.39	28.92 1.82 -0.35	30.00 1.97 -0.50	33.59 2.02 -0.49	33.10 2.04 -0.01	33.03 1.92 0.00	37.19 2.33 0.00	29.84 1.72 0.00	30.15 1.73 0.00	27.42 1.55 0.00	20.86 1.13 0.00	20.65 1.04 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.40 1.00 0.00	17.82 0.57 -7.14	16.31 0.01 -16.10	15.75 0.25 -11.24	17.26 -0.13 -19.65	19.19 0.33 -13.33	27.51 1.61 0.00	23.88 1.43 0.00	24.91 1.41 0.00	21.35 1.27 0.00	26.70 1.78 0.00	26.17 1.78 0.00	29.32 1.86 -0.39	28.92 1.82 -0.35	30.00 1.97 -0.50	33.59 2.02 -0.49	33.10 2.04 -0.01	33.03 1.92 0.00	37.19 2.33 0.00	29.84 1.72 0.00	30.15 1.73 0.00	27.42 1.55 0.00	20.86 1.13 0.00	20.65 1.04 0.00
WHITEHAL_115KV_TB1 80871	19.86 1.47 0.00	20.55 0.76 -9.67	22.02 0.01 -21.81	19.78 0.29 -15.23	24.19 -0.17 -26.62	24.09 0.50 -18.06	28.27 2.38 0.00	24.52 2.07 0.00	25.71 2.20 0.00	21.82 1.74 0.00	27.15 2.23 0.00	26.45 2.06 0.00	28.92 2.29 0.44	28.66 2.30 0.40	29.52 2.56 0.57	33.27 2.75 0.56	33.92 2.88 0.02	33.99 2.87 0.00	38.77 3.90 0.00	30.74 2.62 0.00	30.94 2.52 0.00	28.06 2.19 0.00	21.14 1.41 0.00	21.05 1.43 0.00
WHITEPLN_13_KV_LOAD 356215	19.67 1.27 0.00	18.62 0.72 -7.78	17.76 0.01 -17.54	16.82 0.31 -12.25	18.99 -0.16 -21.41	20.45 0.40 -14.53	27.83 1.94 0.00	24.26 1.81 0.00	25.28 1.76 0.00	21.60 1.52 0.00	26.99 2.07 0.00	26.47 2.08 0.00	29.75 2.20 -0.48	29.35 2.18 -0.43	30.46 2.32 -0.62	34.08 2.40 -0.60	33.48 2.42 -0.02	33.59 2.46 0.00	37.91 3.04 0.00	30.28 2.16 0.00	30.54 2.12 0.00	27.71 1.84 0.00	21.13 1.40 0.00	20.93 1.30 0.00
WM_FLOYD_69_KV_BK2 356380	19.91 1.52 0.00	18.74 0.84 -7.79	17.78 0.02 -17.56	16.86 0.33 -12.27	19.01 -0.17 -21.44	20.49 0.42 -14.54	27.56 1.67 0.00	24.32 1.87 0.00	25.19 1.68 0.00	21.40 1.32 0.00	27.18 2.26 0.00	26.89 2.50 0.00	30.15 2.60 -0.48	31.64 2.56 -2.33	32.53 2.85 -2.15	34.61 2.93 -0.60	34.00 2.94 -0.02	34.11 2.99 0.00	50.39 3.80 -11.73	30.84 2.73 0.00	31.04 2.62 0.00	38.49 2.27 -10.35	22.25 1.73 -0.79	26.53 1.68 -5.23
WOODARD__115KV_TB2 355635	18.35 -0.05 0.00	11.77 -0.03 -1.68	3.99 0.00 -3.78	6.91 0.00 -2.64	2.36 0.00 -4.62	8.66 0.00 -3.14	25.92 0.02 0.00	22.45 0.00 0.00	23.52 0.00 0.00	20.13 0.05 0.00	25.01 0.09 0.00	24.45 0.06 0.00	27.11 0.04 0.00	26.83 0.08 0.00	27.59 0.07 0.00	31.14 0.06 0.00	31.09 0.04 0.00	31.14 0.02 0.00	34.91 0.05 0.00	28.16 0.04 0.00	28.44 0.02 0.00	25.93 0.07 0.00	19.79 0.06 0.00	19.69 0.07 0.00
YORK___WARBASSE 23770	19.71 1.31 0.00	18.66 0.75 -7.79	17.78 0.02 -17.56	16.85 0.32 -12.27	19.02 -0.16 -21.44	20.49 0.42 -14.55	27.93 2.03 0.00	24.30 1.85 0.00	25.39 1.88 0.00	21.70 1.61 0.00	27.15 2.23 0.00	26.63 2.24 0.00	29.89 2.35 -0.48	29.51 2.34 -0.43	30.59 2.44 -0.62	34.20 2.52 -0.60	33.53 2.46 -0.02	33.54 2.42 0.00	37.87 3.01 0.00	30.42 2.31 0.00	30.70 2.29 0.00	27.89 2.03 0.00	21.21 1.48 0.00	20.99 1.37 0.00