

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/30/2023

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	29.82	27.00	21.37	23.78	24.19	24.62	21.79	25.45	29.49	31.42	34.52	35.67	36.05	42.47	35.52	32.17	30.58	30.20	30.71	33.04	33.32	44.32	30.89	30.60
24138	1.70	1.49	1.01	1.08	1.12	1.22	1.21	1.34	1.67	1.98	2.21	2.42	2.59	3.12	2.70	2.38	2.53	2.57	2.24	1.87	1.75	2.15	1.59	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-2.60	-1.33	-2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.87	27.04	21.41	23.82	24.24	24.67	21.81	25.47	29.49	31.48	34.60	35.78	36.16	42.61	35.63	32.27	30.69	30.33	30.83	33.19	33.45	44.53	31.02	30.72
24260	1.75	1.53	1.05	1.13	1.16	1.27	1.24	1.35	1.68	2.04	2.29	2.53	2.70	3.26	2.80	2.47	2.64	2.70	2.37	2.02	1.90	2.35	1.71	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-2.60	-1.33	-2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.87	27.04	21.41	23.82	24.24	24.67	21.81	25.47	29.49	31.48	34.60	35.78	36.16	42.61	35.63	32.27	30.69	30.33	30.83	33.19	33.45	44.53	31.02	30.72
24261	1.75	1.53	1.05	1.13	1.16	1.27	1.24	1.35	1.68	2.04	2.29	2.53	2.70	3.26	2.80	2.47	2.64	2.70	2.37	2.02	1.90	2.35	1.71	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.43	-2.60	-1.33	-2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	30.05	27.12	21.48	24.05	24.48	24.84	21.91	23.71	27.50	30.18	32.60	35.23	35.46	41.47	34.59	31.63	29.98	29.77	30.67	33.27	33.88	45.10	31.38	31.10
24011	1.94	1.61	1.12	1.35	1.41	1.44	1.34	1.48	1.70	1.77	1.91	1.98	2.00	2.12	1.76	1.83	1.93	2.14	2.20	2.10	2.32	2.92	2.08	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.55	-0.59	-0.30	-0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	30.32	27.27	21.57	24.15	24.61	24.98	22.07	23.92	27.74	30.40	32.88	35.54	35.74	41.79	34.83	31.97	30.29	30.11	30.97	33.54	34.15	45.46	31.65	31.38
23798	2.20	1.77	1.21	1.46	1.54	1.58	1.49	1.69	1.94	1.99	2.18	2.29	2.28	2.43	1.99	2.17	2.24	2.48	2.50	2.36	2.59	3.28	2.35	2.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.55	-0.58	-0.30	-0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	30.05	27.12	21.48	24.05	24.48	24.84	21.91	23.71	27.50	30.18</														

ALBANY___4 23574	28.67 0.54 0.00	26.04 0.53 0.00	20.80 0.44 0.00	23.23 0.53 0.00	23.59 0.52 0.00	23.89 0.49 0.00	20.97 0.40 0.00	22.65 0.40 -0.57	26.29 0.46 -0.61	28.80 0.38 -0.31	31.20 0.49 -0.49	33.73 0.48 0.00	34.04 0.58 0.00	40.00 0.65 0.00	33.40 0.57 0.00	30.30 0.50 0.00	28.71 0.66 0.00	28.44 0.81 0.00	29.14 0.68 0.00	31.68 0.51 0.00	32.03 0.47 0.00	42.64 0.46 0.00	29.71 0.40 0.00	29.50 0.53 0.00
ALBANY___LFGE 323615	28.99 0.87 0.00	26.32 0.81 0.00	21.01 0.65 0.00	23.46 0.76 0.00	23.84 0.76 0.00	24.14 0.74 0.00	21.22 0.64 0.00	22.91 0.66 -0.57	26.59 0.77 -0.61	29.16 0.74 -0.31	31.60 0.89 -0.49	34.17 0.92 0.00	34.49 1.03 0.00	40.53 1.17 0.00	33.85 1.02 0.00	30.71 0.91 0.00	29.10 1.05 0.00	28.83 1.20 0.00	29.53 1.07 0.00	32.10 0.93 0.00	32.45 0.89 0.00	43.19 1.01 0.00	30.08 0.77 0.00	29.84 0.87 0.00
ALCOA_PA_115KV_PL-6C 55860	28.26 0.14 0.00	25.68 0.17 0.00	20.57 0.21 0.00	22.92 0.23 0.00	23.36 0.28 0.00	23.68 0.28 0.00	20.77 0.20 0.00	21.89 0.20 0.00	25.46 0.24 0.00	28.34 0.24 0.00	30.39 0.18 0.00	33.46 0.21 0.00	33.62 0.16 0.00	39.30 -0.06 0.00	32.72 -0.11 0.00	29.68 -0.12 0.00	27.63 -0.41 0.00	27.03 -0.60 0.00	28.01 -0.45 0.00	30.91 -0.26 0.00	31.43 -0.13 0.00	42.38 0.20 0.00	29.42 0.12 0.00	28.98 0.01 0.00
ALCOA_RYNLDS___DRP 24188	28.26 0.14 0.00	25.68 0.17 0.00	20.57 0.21 0.00	22.92 0.23 0.00	23.36 0.28 0.00	23.68 0.28 0.00	20.77 0.20 0.00	21.89 0.20 0.00	25.46 0.24 0.00	28.34 0.24 0.00	30.39 0.18 0.00	33.46 0.21 0.00	33.62 0.16 0.00	39.30 -0.06 0.00	32.72 -0.11 0.00	29.68 -0.12 0.00	27.63 -0.41 0.00	27.03 -0.60 0.00	28.01 -0.45 0.00	30.91 -0.26 0.00	31.43 -0.13 0.00	42.38 0.20 0.00	29.42 0.12 0.00	28.98 0.01 0.00
ALCOA___DSASP 323711	28.26 0.14 0.00	25.68 0.17 0.00	20.57 0.21 0.00	22.92 0.23 0.00	23.36 0.28 0.00	23.68 0.28 0.00	20.77 0.20 0.00	21.89 0.20 0.00	25.46 0.24 0.00	28.34 0.24 0.00	30.40 0.18 0.00	33.46 0.21 0.00	33.62 0.16 0.00	39.30 -0.06 0.00	32.72 -0.11 0.00	29.68 -0.12 0.00	27.63 -0.41 0.00	27.03 -0.60 0.00	28.01 -0.45 0.00	30.91 -0.26 0.00	31.43 -0.13 0.00	42.38 0.20 0.00	29.42 0.12 0.00	28.98 0.01 0.00
ALLEGHENY___COGEN 23514	28.67 0.55 0.00	25.82 0.31 0.00	20.41 0.05 0.00	22.66 -0.03 0.00	22.96 -0.11 0.00	23.43 0.03 0.00	20.64 0.07 0.00	21.63 -0.06 0.00	24.83 -0.38 0.00	27.70 -0.41 0.00	29.80 -0.42 0.00	32.88 -0.37 0.00	32.72 -0.74 0.00	38.36 -1.00 0.00	31.99 -0.84 0.00	29.29 -0.51 0.00	28.05 0.00 0.00	27.80 0.17 0.00	28.68 0.22 0.00	31.85 0.67 0.00	32.42 0.85 0.00	43.57 1.39 0.00	30.32 1.01 0.00	30.49 1.52 0.00
ALTAMONT_115KV_TB 2 55880	29.02 0.89 0.00	26.33 0.83 0.00	21.00 0.64 0.00	23.46 0.77 0.00	23.84 0.76 0.00	24.15 0.75 0.00	21.21 0.64 0.00	22.90 0.66 -0.55	26.58 0.77 -0.59	29.19 0.78 -0.30	31.59 0.89 -0.48	34.16 0.91 0.00	34.45 1.00 0.00	40.50 1.15 0.00	33.81 0.98 0.00	30.68 0.88 0.00	29.06 1.01 0.00	28.77 1.14 0.00	29.49 1.02 0.00	32.07 0.89 0.00	32.43 0.86 0.00	43.21 1.03 0.00	30.09 0.79 0.00	29.83 0.86 0.00
ALTONA_WT_PWR 323606	28.45 0.33 0.00	25.81 0.30 0.00	20.69 0.33 0.00	23.12 0.43 0.00	23.57 0.50 0.00	23.90 0.50 0.00	21.06 0.48 0.00	22.40 0.71 0.00	25.97 0.75 0.00	28.79 0.68 0.00	31.02 0.80 0.00	33.95 0.70 0.00	34.01 0.55 0.00	39.94 0.58 0.00	33.26 0.43 0.00	30.27 0.47 0.00	28.18 0.12 0.00	27.75 0.12 0.00	28.73 0.27 0.00	31.52 0.35 0.00	32.12 0.56 0.00	43.08 0.90 0.00	29.92 0.62 0.00	29.43 0.46 0.00
AMERICAN_REF_FUEL 24010	27.71 -0.41 0.00	25.00 -0.50 0.00	19.77 -0.60 0.00	21.95 -0.74 0.00	22.19 -0.88 0.00	22.69 -0.72 0.00	19.98 -0.59 0.00	20.99 -0.69 0.00	24.31 -0.91 0.00	27.42 -0.69 0.00	29.19 -1.03 0.00	32.25 -1.00 0.00	32.03 -1.43 0.00	37.34 -2.01 0.00	31.05 -1.78 0.00	28.45 -1.35 0.00	27.14 -0.91 0.00	27.05 -0.58 0.00	27.87 -0.60 0.00	30.43 -0.75 0.00	30.55 -1.01 0.00	41.20 -0.98 0.00	28.88 -0.43 0.00	28.78 -0.19 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.71 0.59 0.00	25.84 0.33 0.00	20.23 -0.14 0.00	22.64 -0.05 0.00	22.79 -0.29 0.00	23.22 -0.18 0.00	20.60 0.03 0.00	21.76 0.07 0.00	25.47 0.25 0.00	28.68 0.57 0.00	30.91 0.69 0.00	34.42 1.17 0.00	34.28 0.82 0.00	40.28 0.93 0.00	33.50 0.67 0.00	30.60 0.80 0.00	29.20 1.15 0.00	29.09 1.46 0.00	29.82 1.35 0.00	32.53 1.36 0.00	32.64 1.09 0.00	43.95 1.77 0.00	30.35 1.05 0.00	29.79 0.82 0.00
ARTHUR_KILL_GT_1 23520	29.74 1.61 0.00	26.90 1.39 0.00	21.29 0.94 0.00	23.68 0.98 0.00	24.10 1.02 0.00	24.53 1.13 0.00	21.71 1.13 0.00	25.28 1.16 -2.43	29.27 1.45 -2.60	31.17 1.73 -1.33	34.27 1.96 -2.10	34.50 2.18 0.93	35.46 2.40 0.39	42.25 2.90 0.01	35.36 2.53 0.00	32.23 2.21 -0.22	30.48 2.41 -0.03	30.16 2.52 -0.01	30.70 2.23 -0.01	33.04 1.86 0.00	33.28 1.71 -0.01	44.23 2.05 0.00	30.95 1.64 -0.01	30.61 1.64 0.00
ARTHUR_KILL_2 23512	29.64 1.51 0.00	26.82 1.31 0.00	21.23 0.87 0.00	23.61 0.92 0.00	24.03 0.96 0.00	24.46 1.05 0.00	21.64 1.07 0.00	25.21 1.10 -2.43	29.19 1.37 -2.60	31.08 1.64 -1.33	34.16 1.85 -2.10	34.39 2.06 0.93	35.33 2.27 0.39	42.09 2.75 0.01	35.23 2.40 0.00	32.10 2.09 -0.22	30.36 2.29 -0.03	30.04 2.40 -0.01	30.58 2.11 -0.01	32.90 1.73 0.00	33.15 1.58 -0.01	44.06 1.88 0.00	30.83 1.52 -0.01	30.52 1.55 0.00
ARTHUR_KILL_3 23513	29.50 1.38 0.00	26.69 1.18 0.00	21.13 0.77 0.00	23.51 0.81 0.00	23.92 0.84 0.00	24.34 0.94 0.00	21.52 0.95 0.00	25.12 1.01 -2.43	29.08 1.26 -2.60	31.02 1.58 -1.33	34.10 1.79 -2.10	35.21 1.96 0.00	35.60 2.15 0.00	41.95 2.59 0.00	35.10 2.27 0.00	31.91 2.00 -0.11	30.27 2.20 -0.02	29.90 2.26 0.00	30.42 1.95 0.00	32.71 1.54 0.00	32.98 1.41 0.00	43.87 1.68 0.00	30.57 1.27 0.00	30.30 1.33 0.00
ARTHUR_KILL_COGEN 323718	29.74 1.61 0.00	26.90 1.39 0.00	21.29 0.94 0.00	23.68 0.98 0.00	24.10 1.02 0.00	24.53 1.13 0.00	21.71 1.13 0.00	25.28 1.16 -2.43	29.27 1.45 -2.60	31.17 1.73 -1.33	34.27 1.96 -2.10	34.50 2.18 0.93	35.46 2.40 0.39	42.25 2.90 0.01	35.36 2.53 0.00	32.23 2.21 -0.22	30.48 2.41 -0.03	30.16 2.52 -0.01	30.70 2.23 -0.01	33.04 1.86 0.00	33.28 1.71 -0.01	44.23 2.05 0.00	30.95 1.64 -0.01	30.61 1.64 0.00
ASHOKAN____ 23654	29.18 1.06 0.00	26.46 0.96 0.00	21.08 0.72 0.00	23.52 0.83 0.00	23.92 0.84 0.00	24.25 0.84 0.00	21.33 0.75 0.00	22.86 0.79 -0.39	26.52 0.89 -0.41	29.30 0.99 -0.21	31.69 1.14 -0.33	34.46 1.21 0.00	34.81 1.35 0.00	41.04 1.69 0.00	34.37 1.55 0.00	31.20 1.40 0.00	29.45 1.40 0.00	29.28 1.65 0.00	30.05 1.59 0.00	32.62 1.45 0.00	32.97 1.41 0.00	43.81 1.63 0.00	30.41 1.11 0.00	30.08 1.11 0.00

ASTORIA_EAST_ENERGY_CC1 323581	29.60 1.47 0.00	26.81 1.30 0.00	21.22 0.86 0.00	23.60 0.91 0.00	24.03 0.95 0.00	24.45 1.05 0.00	21.64 1.06 0.00	25.23 1.11 -2.43	29.19 1.38 -2.60	31.14 1.70 -1.33	34.31 1.99 -2.10	35.41 2.15 -0.01	35.80 2.33 -0.01	42.19 2.84 0.00	35.32 2.50 0.00	31.95 2.15 0.00	30.39 2.34 0.00	30.04 2.41 0.00	30.55 2.08 0.00	32.92 1.75 0.00	33.23 1.67 0.00	44.27 2.09 0.00	30.84 1.54 0.00	30.56 1.59 0.00
ASTORIA_EAST_ENERGY_CC2 323582	29.60 1.47 0.00	26.81 1.30 0.00	21.22 0.86 0.00	23.60 0.91 0.00	24.03 0.95 0.00	24.45 1.05 0.00	21.64 1.06 0.00	25.23 1.11 -2.43	29.19 1.38 -2.60	31.14 1.70 -1.33	34.31 1.99 -2.10	35.41 2.15 -0.01	35.80 2.33 -0.01	42.19 2.84 0.00	35.32 2.50 0.00	31.95 2.15 0.00	30.39 2.34 0.00	30.04 2.41 0.00	30.55 2.08 0.00	32.92 1.75 0.00	33.23 1.67 0.00	44.27 2.09 0.00	30.84 1.54 0.00	30.56 1.59 0.00
ASTORIA_GT2_1 24094	29.62 1.50 0.00	26.82 1.31 0.00	21.23 0.87 0.00	23.62 0.92 0.00	24.03 0.96 0.00	24.46 1.06 0.00	21.66 1.08 0.00	25.25 1.13 -2.43	29.20 1.39 -2.60	31.15 1.71 -1.33	34.33 2.02 -2.10	35.42 2.17 -0.01	35.82 2.35 -0.01	42.22 2.87 0.00	35.34 2.51 0.00	31.96 2.17 0.00	30.41 2.36 0.00	30.06 2.43 0.00	30.56 2.09 0.00	32.95 1.77 0.00	33.24 1.68 0.00	44.30 2.12 0.00	30.86 1.55 0.00	30.58 1.61 0.00
ASTORIA_GT2_2 24095	29.62 1.50 0.00	26.82 1.31 0.00	21.23 0.87 0.00	23.62 0.92 0.00	24.03 0.96 0.00	24.46 1.06 0.00	21.66 1.08 0.00	25.25 1.13 -2.43	29.20 1.39 -2.60	31.15 1.71 -1.33	34.33 2.02 -2.10	35.42 2.17 -0.01	35.82 2.35 -0.01	42.22 2.87 0.00	35.34 2.51 0.00	31.96 2.17 0.00	30.41 2.36 0.00	30.06 2.43 0.00	30.56 2.09 0.00	32.95 1.77 0.00	33.24 1.68 0.00	44.30 2.12 0.00	30.86 1.55 0.00	30.58 1.61 0.00
ASTORIA_GT2_3 24096	29.62 1.50 0.00	26.82 1.31 0.00	21.23 0.87 0.00	23.62 0.92 0.00	24.03 0.96 0.00	24.46 1.06 0.00	21.66 1.08 0.00	25.25 1.13 -2.43	29.20 1.39 -2.60	31.15 1.71 -1.33	34.33 2.02 -2.10	35.42 2.17 -0.01	35.82 2.35 -0.01	42.22 2.87 0.00	35.34 2.51 0.00	31.96 2.17 0.00	30.41 2.36 0.00	30.06 2.43 0.00	30.56 2.09 0.00	32.95 1.77 0.00	33.24 1.68 0.00	44.30 2.12 0.00	30.86 1.55 0.00	30.58 1.61 0.00
ASTORIA_GT2_4 24097	29.62 1.50 0.00	26.82 1.31 0.00	21.23 0.87 0.00	23.62 0.92 0.00	24.03 0.96 0.00	24.46 1.06 0.00	21.66 1.08 0.00	25.25 1.13 -2.43	29.20 1.39 -2.60	31.15 1.71 -1.33	34.33 2.02 -2.10	35.42 2.17 -0.01	35.82 2.35 -0.01	42.22 2.87 0.00	35.34 2.51 0.00	31.96 2.17 0.00	30.41 2.36 0.00	30.06 2.43 0.00	30.56 2.09 0.00	32.95 1.77 0.00	33.24 1.68 0.00	44.30 2.12 0.00	30.86 1.55 0.00	30.58 1.61 0.00
ASTORIA_GT3_1 24098	29.62 1.50 0.00	26.82 1.31 0.00	21.23 0.87 0.00	23.62 0.92 0.00	24.03 0.96 0.00	24.46 1.06 0.00	21.66 1.08 0.00	25.25 1.13 -2.43	29.20 1.39 -2.60	31.15 1.71 -1.33	34.33 2.02 -2.10	35.42 2.17 -0.01	35.82 2.35 -0.01	42.22 2.87 0.00	35.34 2.51 0.00	31.96 2.17 0.00	30.41 2.36 0.00	30.06 2.43 0.00	30.56 2.09 0.00	32.95 1.77 0.00	33.24 1.68 0.00	44.30 2.12 0.00	30.86 1.55 0.00	30.58 1.61 0.00
ASTORIA_GT3_2 24099	29.62 1.50 0.00	26.82 1.31 0.00	21.23 0.87 0.00	23.62 0.92 0.00	24.03 0.96 0.00	24.46 1.06 0.00	21.66 1.08 0.00	25.25 1.13 -2.43																

ASTORIA_GT_10 24110	29.62 1.50 0.00	26.82 1.31 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.48 1.08 0.00	21.66 1.08 0.00	25.27 1.16 -2.43	29.25 1.44 -2.60	31.23 1.79 -1.33	34.38 2.06 -2.10	35.53 2.28 -0.01	35.91 2.44 -0.01	42.28 2.92 0.00	35.32 2.49 0.00	31.97 2.17 0.00	30.40 2.35 0.00	30.05 2.42 0.00	30.57 2.10 0.00	32.91 1.74 0.00	33.21 1.65 0.00	44.23 2.05 0.00	30.83 1.53 0.00	30.54 1.57 0.00
ASTORIA_GT_11 24225	29.62 1.50 0.00	26.82 1.31 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.48 1.08 0.00	21.66 1.08 0.00	25.27 1.16 -2.43	29.25 1.44 -2.60	31.23 1.79 -1.33	34.38 2.06 -2.10	35.53 2.28 -0.01	35.91 2.44 -0.01	42.28 2.92 0.00	35.32 2.49 0.00	31.97 2.17 0.00	30.40 2.35 0.00	30.05 2.42 0.00	30.57 2.10 0.00	32.91 1.74 0.00	33.21 1.65 0.00	44.23 2.05 0.00	30.83 1.53 0.00	30.54 1.57 0.00
ASTORIA_GT_12 24226	29.62 1.50 0.00	26.82 1.31 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.47 1.07 0.00	21.66 1.08 0.00	25.27 1.16 -2.43	29.25 1.44 -2.60	31.23 1.79 -1.33	34.38 2.06 -2.10	35.53 2.28 -0.01	35.91 2.44 -0.01	42.27 2.91 0.00	35.32 2.49 0.00	31.97 2.17 0.00	30.40 2.35 0.00	30.05 2.42 0.00	30.57 2.10 0.00	32.91 1.74 0.00	33.20 1.65 0.00	44.23 2.05 0.00	30.84 1.53 0.00	30.53 1.56 0.00
ASTORIA_GT_13 24227	29.62 1.50 0.00	26.82 1.31 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.47 1.07 0.00	21.66 1.08 0.00	25.27 1.16 -2.43	29.25 1.44 -2.60	31.23 1.79 -1.33	34.38 2.06 -2.10	35.53 2.28 -0.01	35.91 2.44 -0.01	42.27 2.91 0.00	35.32 2.49 0.00	31.97 2.17 0.00	30.40 2.35 0.00	30.05 2.42 0.00	30.57 2.10 0.00	32.91 1.74 0.00	33.20 1.65 0.00	44.23 2.05 0.00	30.84 1.53 0.00	30.53 1.56 0.00
ASTORIA_GT_5 24106	29.68 1.55 0.00	26.86 1.36 0.00	21.27 0.91 0.00	23.65 0.96 0.00	24.08 1.00 0.00	24.50 1.09 0.00	21.69 1.12 0.00	25.29 1.17 -2.43	29.26 1.45 -2.60	31.22 1.78 -1.33	34.41 2.09 -2.10	35.51 2.25 -0.01	35.91 2.44 -0.01	42.32 2.96 0.00	35.43 2.60 0.00	32.04 2.24 0.00	30.48 2.43 0.00	30.14 2.50 0.00	30.63 2.17 0.00	33.02 1.85 0.00	33.32 1.76 0.00	44.40 2.22 0.00	30.93 1.62 0.00	30.64 1.67 0.00
ASTORIA_GT_7 24107	29.68 1.55 0.00	26.86 1.36 0.00	21.27 0.91 0.00	23.65 0.96 0.00	24.08 1.00 0.00	24.50 1.09 0.00	21.69 1.12 0.00	25.29 1.17 -2.43	29.26 1.45 -2.60	31.22 1.78 -1.33	34.41 2.09 -2.10	35.51 2.25 -0.01	35.91 2.44 -0.01	42.32 2.96 0.00	35.43 2.60 0.00	32.04 2.24 0.00	30.48 2.43 0.00	30.14 2.50 0.00	30.63 2.17 0.00	33.02 1.85 0.00	33.32 1.76 0.00	44.40 2.22 0.00	30.93 1.62 0.00	30.64 1.67 0.00
ASTORIA_GT_8 24108	29.68 1.55 0.00	26.87 1.36 0.00	21.27 0.91 0.00	23.66 0.96 0.00	24.08 1.00 0.00	24.50 1.10 0.00	21.69 1.12 0.00	25.29 1.17 -2.43	29.26 1.45 -2.60	31.22 1.78 -1.33	34.41 2.10 -2.10	35.51 2.25 -0.01	35.91 2.44 -0.01	42.33 2.97 0.00	35.43 2.60 0.00	32.04 2.25 0.00	30.48 2.43 0.00	30.14 2.50 0.00	30.63 2.17 0.00	33.02 1.85 0.00	33.33 1.77 0.00	44.40 2.22 0.00	30.93 1.62 0.00	30.64 1.67 0.00
ASTORIA___2 24149	29.62 1.50 0.00	26.82 1.31 0.00	21.23 0.87 0.00	23.61 0.92 0.00	24.03 0.96 0.00	24.45 1.05 0.00	21.66 1.08 0.00	25.24 1.13 -2.43	29.20 1.38 -2.60	31.16 1.71 -1.33	34.33 2.02 -2.10	35.42 2.17 -0.01	35.82 2.35 -0.01	42.22 2.86 0.00	35.34 2.51 0.00	31.96 2.17 0.00	30.41 2.36 0.00	30.05 2.42 0.00	30.56 2.09 0.00	32.94 1.77 0.00	33.24 1.68 0.00	44.30 2.12 0.00	30.87 1.56 0.00	30.57 1.60 0.00
ASTORIA___3 23516	29.62 1.50 0.00	26.82 1.31 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.47 1.07 0.00	21.66 1.08 0.00	25.27 1.15 -2.43	29.25 1.44 -2.60	31.23 1.79 -1.33	34.38 2.06 -2.10	35.53 2.28 -0.01	35.91 2.44 -0.01	42.27 2.91 0.00	35.32 2.49 0.00	31.97 2.17 0.00	30.40 2.35 0.00	30.05 2.42 0.00	30.57 2.10 0.00	32.91 1.74 0.00	33.20 1.65 0.00	44.23 2.05 0.00	30.83 1.53 0.00	30.53 1.56 0.00
ASTORIA___4 23517	29.62 1.50 0.00	26.82 1.31 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.48 1.08 0.00	21.66 1.08 0.00	25.27 1.15 -2.43	29.25 1.44 -2.60	31.23 1.79 -1.33	34.38 2.06 -2.10	35.53 2.28 -0.01	35.91 2.44 -0.01	42.27 2.92 0.00	35.32 2.49 0.00	31.97 2.17 0.00	30.40 2.35 0.00	30.05 2.42 0.00	30.57 2.10 0.00	32.91 1.74 0.00	33.20 1.64 0.00	44.23 2.05 0.00	30.83 1.53 0.00	30.54 1.57 0.00
ASTORIA___5 23518	29.62 1.50 0.00	26.82 1.31 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.47 1.07 0.00	21.66 1.08 0.00	25.27 1.16 -2.43	29.25 1.44 -2.60	31.23 1.79 -1.33	34.38 2.06 -2.10	35.53 2.28 -0.01	35.91 2.44 -0.01	42.27 2.91 0.00	35.32 2.49 0.00	31.97 2.17 0.00	30.40 2.35 0.00	30.05 2.42 0.00	30.57 2.10 0.00	32.91 1.74 0.00	33.20 1.65 0.00	44.23 2.05 0.00	30.84 1.53 0.00	30.53 1.56 0.00
AST_ENERGY_2_CC3 323677	29.59 1.47 0.00	26.79 1.28 0.00	21.22 0.85 0.00	23.60 0.90 0.00	24.01 0.93 0.00	24.42 1.02 0.00	21.61 1.03 0.00	25.22 1.11 -2.43	29.20 1.38 -2.60	31.12 1.68 -1.33	34.20 1.89 -2.10	35.34 2.09 0.00	35.73 2.27 0.00	42.10 2.75 0.00	35.23 2.40 0.00	31.91 2.11 0.00	30.35 2.30 0.00	30.00 2.36 0.00	30.51 2.04 0.00	32.83 1.66 0.00	33.10 1.54 0.00	44.04 1.86 0.00	30.70 1.40 0.00	30.41 1.44 0.00
AST_ENERGY_2_CC4 323678	29.59 1.47 0.00	26.79 1.28 0.00	21.22 0.85 0.00	23.60 0.90 0.00	24.01 0.93 0.00	24.42 1.02 0.00	21.61 1.03 0.00	25.22 1.11 -2.43	29.20 1.38 -2.60	31.12 1.68 -1.33	34.20 1.89 -2.10	35.34 2.09 0.00	35.73 2.27 0.00	42.10 2.75 0.00	35.23 2.40 0.00	31.91 2.11 0.00	30.35 2.30 0.00	30.00 2.36 0.00	30.51 2.04 0.00	32.83 1.66 0.00	33.10 1.54 0.00	44.04 1.86 0.00	30.70 1.40 0.00	30.41 1.44 0.00
ATHENS_STG_1 23668	29.10 0.98 0.00	26.41 0.90 0.00	21.03 0.67 0.00	23.48 0.78 0.00	23.87 0.79 0.00	24.18 0.77 0.00	21.26 0.68 0.00	23.06 0.71 -0.66	26.78 0.85 -0.71	29.40 0.93 -0.36	31.84 1.05 -0.57	34.36 1.10 0.00	34.64 1.18 0.00	40.75 1.39 0.00	34.03 1.20 0.00	30.83 1.03 0.00	29.23 1.18 0.00	28.91 1.28 0.00	29.56 1.09 0.00	32.05 0.88 0.00	32.39 0.83 0.00	43.18 1.00 0.00	30.11 0.81 0.00	29.87 0.90 0.00
ATHENS_STG_2 23670	29.10 0.98 0.00	26.41 0.90 0.00	21.03 0.67 0.00	23.48 0.78 0.00	23.87 0.79 0.00	24.18 0.77 0.00	21.26 0.68 0.00	23.06 0.71 -0.66	26.78 0.85 -0.71	29.40 0.93 -0.36	31.84 1.05 -0.57	34.36 1.10 0.00	34.64 1.18 0.00	40.75 1.39 0.00	34.03 1.20 0.00	30.83 1.03 0.00	29.23 1.18 0.00	28.91 1.28 0.00	29.56 1.09 0.00	32.05 0.88 0.00	32.39 0.83 0.00	43.18 1.00 0.00	30.11 0.81 0.00	29.87 0.90 0.00

ATHENS_STG_3 23677	29.10 0.98 0.00	26.41 0.90 0.00	21.03 0.67 0.00	23.48 0.78 0.00	23.87 0.79 0.00	24.18 0.77 0.00	21.26 0.68 0.00	23.06 0.71 -0.66	26.78 0.85 -0.71	29.40 0.93 -0.36	31.84 1.05 -0.57	34.36 1.10 0.00	34.64 1.18 0.00	40.75 1.39 0.00	34.03 1.20 0.00	30.83 1.03 0.00	29.23 1.18 0.00	28.91 1.28 0.00	29.56 1.09 0.00	32.05 0.88 0.00	32.39 0.83 0.00	43.18 1.00 0.00	30.11 0.81 0.00	29.87 0.90 0.00
AUBURN____LFGE 323710	28.57 0.45 0.00	25.81 0.30 0.00	20.48 0.12 0.00	22.89 0.20 0.00	23.20 0.12 0.00	23.64 0.24 0.00	20.89 0.31 0.00	21.90 0.21 0.00	25.51 0.29 0.00	28.40 0.29 0.00	30.38 0.16 0.00	33.54 0.30 0.00	33.71 0.25 0.00	39.60 0.25 0.00	33.17 0.35 0.00	30.23 0.44 0.00	28.62 0.57 0.00	28.43 0.79 0.00	29.26 0.79 0.00	33.04 0.88 -0.99	34.14 0.75 -1.83	46.80 1.01 -3.61	31.31 0.57 -1.44	30.94 0.61 -1.36
BABYLON_RES_REC 323704	30.30 2.18 0.00	27.47 1.96 0.00	21.74 1.38 0.00	24.10 1.41 0.00	24.54 1.46 0.00	24.96 1.56 0.00	22.08 1.51 0.00	25.67 1.57 -2.41	29.80 2.01 -2.58	31.82 2.39 -1.32	42.67 2.82 -9.63	44.56 2.85 -8.46	54.96 2.93 -18.57	46.04 3.44 -3.25	40.99 2.79 -5.37	31.78 1.98 0.00	30.32 2.27 0.00	30.03 2.40 0.00	30.61 2.14 0.00	33.05 1.88 0.00	33.57 2.01 0.00	45.15 2.97 0.00	31.57 2.26 0.00	31.28 2.31 0.00
BABYLON__69_KV_BK2 356345	30.66 2.54 0.00	27.78 2.27 0.00	21.98 1.62 0.00	24.37 1.68 0.00	24.80 1.72 0.00	25.23 1.83 0.00	22.32 1.75 0.00	25.92 1.83 -2.41	30.14 2.34 -2.58	32.26 2.83 -1.32	43.18 3.34 -9.63	46.71 3.63 -9.84	62.47 3.75 -25.26	50.00 4.45 -6.20	41.91 3.70 -5.38	32.52 2.73 0.00	30.95 2.90 0.00	30.66 3.03 0.00	31.26 2.79 0.00	33.67 2.50 0.00	34.15 2.59 0.00	45.82 3.64 0.00	32.02 2.71 0.00	31.74 2.77 0.00
BARON_WINDS____WT_PWR 323822	28.32 0.20 0.00	25.51 0.01 0.00	20.15 -0.22 0.00	22.47 -0.23 0.00	22.73 -0.34 0.00	23.18 -0.23 0.00	20.35 -0.23 0.00	21.42 -0.27 0.00	25.06 -0.16 0.00	28.18 0.07 0.00	30.32 0.10 0.00	33.42 0.17 0.00	33.44 -0.02 0.00	39.45 0.10 0.00	32.85 0.02 0.00	29.88 0.08 0.00	28.38 0.33 0.00	28.18 0.55 0.00	28.85 0.38 0.00	31.76 0.36 -0.22	32.04 0.07 -0.41	43.18 0.19 -0.81	29.77 0.14 -0.32	29.58 0.30 -0.30
BARRETT_IC_1 23704	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.74 1.16 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.42 2.48 -15.48	44.24 2.99 -1.89	40.83 2.57 -5.42	31.69 1.90 0.01	30.20 2.16 0.01	29.90 2.28 0.01	30.43 1.97 0.01	32.78 1.61 0.00	33.20 1.64 0.00	44.19 2.01 0.00	30.81 1.51 0.00	30.54 1.57 0.00
BARRETT_IC_10 23701	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.74 1.16 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.42 2.48 -15.48	44.24 2.99 -1.89	40.83 2.57 -5.42	31.69 1.90 0.01	30.20 2.16 0.01	29.90 2.28 0.01	30.43 1.97 0.01	32.78 1.61 0.00	33.20 1.64 0.00	44.19 2.01 0.00	30.81 1.51 0.00	30.54 1.57 0.00
BARRETT_IC_11 23702	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.74 1.16 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.42 2.48 -15.48	44.24 2.99 -1.89	40.83 2.57 -5.42	31.69 1.90 0.01	30.20 2.16 0.01	29.90 2.28 0.01	30.43 1.97 0.01	32.78 1.61 0.00	33.20 1.64 0.00	44.19 2.01 0.00	30.81 1.51 0.00	30.54 1.57 0.00
BARRETT_IC_12 23703	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.74 1.16 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.42 2.48 -15.48	44.24 2.99 -1.89	40.83 2.57 -5.42	31.69 1.90 0.01	30.20 2.16 0.01	29.90 2.28 0.01	30.43 1.97 0.01	32.78 1.61 0.00	33.20 1.64 0.00	44.19 2.01 0.00	30.81 1.51 0.00	30.54 1.57 0.00
BARRETT_IC_2 23705	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.74 1.16 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.42 2.48 -15.48	44.24 2.99 -1.89	40.83 2.57 -5.42	31.69 1.90 0.01	30.20 2.16 0.01	29.90 2.28 0.01	30.43 1.97 0.01	32.78 1.61 0.00	33.20 1.64 0.00	44.19 2.01 0.00	30.81 1.51 0.00	30.54 1.57 0.00
BARRETT_IC_3 23706	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.74 1.16 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.42 2.48 -15.48	44.24 2.99 -1.89	40.83 2.57 -5.42	31.69 1.90 0.01	30.20 2.16 0.01	29.90 2.28 0.01	30.43 1.97 0.01	32.78 1.61 0.00	33.20 1.64 0.00	44.19 2.01 0.00	30.81 1.51 0.00	30.54 1.57 0.00
BARRETT_IC_4 23707	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.74 1.16 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.42 2.48 -15.48	44.24 2.99 -1.89	40.83 2.57 -5.42	31.69 1.90 0.01	30.20 2.16 0.01	29.90 2.28 0.01	30.43 1.97 0.01	32.78 1.61 0.00	33.20 1.64 0.00	44.19 2.01 0.00	30.81 1.51 0.00	30.54 1.57 0.00
BARRETT_IC_5 23708	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.74 1.16 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.42 2.48 -15.48	44.24 2.99 -1.89	40.83 2.57 -5.42	31.69 1.90 0.01	30.20 2.16 0.01	29.90 2.28 0.01	30.43 1.97 0.01	32.78 1.61 0.00	33.20 1.64 0.00	44.19 2.01 0.00	30.81 1.51 0.00	30.54 1.57 0.00
BARRETT_IC_6 23709	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.74 1.16 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.42 2.48 -15.48	44.24 2.99 -1.89	40.83 2.57 -5.42	31.69 1.90 0.01	30.20 2.16 0.01	29.90 2.28 0.01	30.43 1.97 0.01	32.78 1.61 0.00	33.20 1.64 0.00	44.19 2.01 0.00	30.81 1.51 0.00	30.54 1.57 0.00
BARRETT_IC_7 23710	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.18 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.73 1.15 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.41 2.48 -15.48	44.25 3.00 -1.89	40.83 2.57 -5.42	31.70 1.90 0.00	30.21 2.16 0.00	29.91 2.28 0.00	30.43 1.97 0.00	32.78 1.61 0.00	33.20 1.64 0.00	44.20 2.02 0.00	30.80 1.50 0.00	30.54 1.57 0.00

BARRETT_IC_8 23711	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.74 1.16 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.42 2.48 -15.48	44.24 2.99 -1.89	40.83 2.57 -5.42	31.69 1.90 0.01	30.20 2.16 0.01	29.90 2.28 0.01	30.43 1.97 0.01	32.78 1.61 0.00	33.20 1.64 0.00	44.19 2.01 0.00	30.81 1.51 0.00	30.54 1.57 0.00
BARRETT_IC_9 23700	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.74 1.16 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.42 2.48 -15.48	44.24 2.99 -1.89	40.83 2.57 -5.42	31.69 1.90 0.01	30.20 2.16 0.01	29.90 2.28 0.01	30.43 1.97 0.01	32.78 1.61 0.00	33.20 1.64 0.00	44.19 2.01 0.00	30.81 1.51 0.00	30.54 1.57 0.00
BARRETT___1 23545	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.74 1.16 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.42 2.48 -15.48	44.24 2.99 -1.89	40.83 2.57 -5.42	31.69 1.90 0.01	30.20 2.16 0.01	29.90 2.28 0.01	30.43 1.97 0.01	32.78 1.61 0.00	33.20 1.64 0.00	44.19 2.01 0.00	30.81 1.51 0.00	30.54 1.57 0.00
BARRETT___2 23546	29.96 1.84 0.00	27.16 1.66 0.00	21.49 1.13 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.74 1.16 0.00	25.26 1.16 -2.41	29.29 1.50 -2.58	31.29 1.86 -1.32	42.03 2.18 -9.63	43.41 2.33 -7.82	51.42 2.48 -15.48	44.24 2.99 -1.89	40.83 2.57 -5.42	31.69 1.90 0.01	30.20 2.16 0.01	29.90 2.28 0.01	30.43 1.97 0.01	32.78 1.61 0.00	33.20 1.64 0.00	44.19 2.01 0.00	30.81 1.51 0.00	30.54 1.57 0.00
BATAVIA___115KV_TB1 55881	28.76 0.64 0.00	25.93 0.43 0.00	20.50 0.14 0.00	22.76 0.06 0.00	23.05 -0.03 0.00	23.55 0.15 0.00	20.80 0.23 0.00	21.91 0.22 0.00	25.42 0.20 0.00	28.75 0.64 0.00	30.63 0.41 0.00	33.81 0.55 0.00	33.68 0.22 0.00	39.28 -0.07 0.00	32.77 -0.06 0.00	29.96 0.17 0.00	28.42 0.37 0.00	28.34 0.71 0.00	29.30 0.83 0.00	32.04 0.87 0.00	32.22 0.65 0.00	43.35 1.17 0.00	30.27 0.96 0.00	30.02 1.05 0.00
BAYONEEC___CTG1 323682	29.61 1.49 0.00	26.81 1.30 0.00	21.22 0.86 0.00	23.61 0.92 0.00	24.02 0.94 0.00	24.44 1.04 0.00	21.62 1.04 0.00	25.23 1.12 -2.43	29.22 1.40 -2.60	31.15 1.71 -1.33	34.23 1.92 -2.10	35.36 2.11 0.00	35.74 2.28 0.00	42.12 2.76 0.00	35.24 2.41 0.00	31.91 2.12 0.00	30.36 2.31 0.00	30.00 2.36 0.00	30.52 2.05 0.00	32.84 1.67 0.00	33.11 1.55 0.00	44.05 1.87 0.00	30.71 1.40 0.00	30.43 1.46 0.00
BAYONEEC___CTG10 323750	29.61 1.49 0.00	26.81 1.30 0.00	21.22 0.86 0.00	23.61 0.92 0.00	24.02 0.94 0.00	24.44 1.04 0.00	21.62 1.04 0.00	25.23 1.12 -2.43	29.22 1.40 -2.60	31.15 1.71 -1.33	34.23 1.92 -2.10	35.36 2.11 0.00	35.74 2.28 0.00	42.12 2.76 0.00	35.24 2.41 0.00	31.91 2.12 0.00	30.36 2.31 0.00	30.00 2.36 0.00	30.52 2.05 0.00	32.84 1.67 0.00	33.11 1.55 0.00	44.05 1.87 0.00	30.71 1.40 0.00	30.43 1.46 0.00
BAYONEEC___CTG2 323683	29.61 1.49 0.00	26.81 1.30 0.00	21.22 0.86 0.00	23.61 0.92 0.00	24.02 0.94 0.00	24.44 1.04 0.00	21.62 1.04 0.00	25.23 1.12																

BEACON___LESR 323632	29.13 1.01 0.00	26.37 0.86 0.00	21.04 0.67 0.00	23.51 0.81 0.00	23.84 0.76 0.00	24.18 0.78 0.00	21.27 0.69 0.00	23.02 0.77 -0.57	26.80 0.97 -0.61	29.32 0.90 -0.31	31.80 1.09 -0.49	34.34 1.09 0.00	34.63 1.18 0.00	40.77 1.41 0.00	34.02 1.19 0.00	30.87 1.08 0.00	29.26 1.21 0.00	29.01 1.38 0.00	29.72 1.26 0.00	32.31 1.14 0.00	32.55 1.00 0.00	43.37 1.19 0.00	30.18 0.88 0.00	29.92 0.95 0.00
BEAVER RIVER___HYD 24048	28.37 0.25 0.00	25.63 0.12 0.00	20.41 0.05 0.00	22.62 -0.07 0.00	22.97 -0.10 0.00	23.35 -0.05 0.00	20.52 -0.05 0.00	21.59 -0.10 0.00	25.12 -0.10 0.00	28.09 -0.02 0.00	30.32 0.10 0.00	33.14 -0.11 0.00	33.14 -0.31 0.00	38.93 -0.43 0.00	32.43 -0.40 0.00	29.38 -0.42 0.00	27.63 -0.42 0.00	27.32 -0.31 0.00	28.14 -0.33 0.00	31.61 -0.17 -0.61	32.85 0.17 -1.11	44.74 0.36 -2.20	29.95 -0.23 -0.87	29.50 -0.30 -0.83
BEEBEE_GT_13 23619	28.32 0.19 0.00	25.56 0.06 0.00	20.27 -0.09 0.00	22.51 -0.18 0.00	22.84 -0.24 0.00	23.28 -0.12 0.00	20.55 -0.02 0.00	21.66 -0.02 0.00	25.17 -0.05 0.00	28.27 0.16 0.00	30.24 0.02 0.00	33.37 0.12 0.00	33.31 -0.15 0.00	39.07 -0.28 0.00	32.53 -0.30 0.00	29.68 -0.12 0.00	28.19 0.14 0.00	28.02 0.38 0.00	28.92 0.45 0.00	31.62 0.45 0.00	31.82 0.26 0.00	42.75 0.56 0.00	29.75 0.45 0.00	29.46 0.49 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.99 1.86 0.00	27.13 1.62 0.00	21.47 1.11 0.00	23.87 1.18 0.00	24.28 1.21 0.00	24.72 1.32 0.00	21.89 1.31 0.00	25.51 1.39 -2.43	29.54 1.73 -2.60	31.54 2.10 -1.33	34.70 2.39 -2.10	35.95 2.70 -0.01	36.37 2.90 -0.01	42.86 3.51 0.00	35.80 2.96 0.00	32.62 2.61 -0.22	30.83 2.75 -0.03	30.47 2.83 -0.01	31.00 2.52 -0.01	33.36 2.19 0.00	33.65 2.08 -0.01	44.77 2.59 0.00	31.23 1.92 -0.01	30.91 1.94 0.00
BETHLEHEM___GRP 23843	28.67 0.54 0.00	26.04 0.53 0.00	20.80 0.44 0.00	23.23 0.53 0.00	23.59 0.52 0.00	23.89 0.49 0.00	20.97 0.40 0.00	22.65 0.40 -0.57	26.29 0.46 -0.61	28.80 0.38 -0.31	31.20 0.49 -0.49	33.73 0.48 0.00	34.04 0.58 0.00	40.00 0.65 0.00	33.40 0.57 0.00	30.30 0.50 0.00	28.71 0.66 0.00	28.44 0.81 0.00	29.14 0.68 0.00	31.68 0.51 0.00	32.03 0.47 0.00	42.64 0.46 0.00	29.71 0.40 0.00	29.50 0.53 0.00
BETHLEHEM___GS1 323560	28.67 0.54 0.00	26.04 0.53 0.00	20.80 0.44 0.00	23.22 0.53 0.00	23.59 0.52 0.00	23.89 0.49 0.00	20.97 0.40 0.00	22.65 0.40 -0.57	26.29 0.46 -0.61	28.80 0.38 -0.31	31.20 0.49 -0.49	33.73 0.48 0.00	34.04 0.58 0.00	40.00 0.65 0.00	33.40 0.57 0.00	30.29 0.50 0.00	28.71 0.66 0.00	28.44 0.81 0.00	29.14 0.68 0.00	31.68 0.51 0.00	32.03 0.47 0.00	42.64 0.46 0.00	29.71 0.41 0.00	29.50 0.53 0.00
BETHLEHEM___GS2 323561	28.67 0.54 0.00	26.04 0.53 0.00	20.80 0.44 0.00	23.22 0.53 0.00	23.59 0.52 0.00	23.89 0.49 0.00	20.97 0.40 0.00	22.65 0.40 -0.57	26.29 0.46 -0.61	28.80 0.38 -0.31	31.20 0.49 -0.49	33.73 0.48 0.00	34.04 0.58 0.00	40.00 0.65 0.00	33.40 0.57 0.00	30.29 0.50 0.00	28.71 0.66 0.00	28.44 0.81 0.00	29.14 0.68 0.00	31.68 0.51 0.00	32.03 0.47 0.00	42.64 0.46 0.00	29.71 0.41 0.00	29.50 0.53 0.00
BETHLEHEM___GS3 323562	28.67 0.54 0.00	26.04 0.53 0.00	20.80 0.44 0.00	23.22 0.53 0.00	23.59 0.52 0.00	23.89 0.49 0.00	20.97 0.40 0.00	22.65 0.40 -0.57	26.29 0.46 -0.61	28.80 0.38 -0.31	31.20 0.49 -0.49	33.73 0.48 0.00	34.04 0.58 0.00	40.00 0.65 0.00	33.40 0.57 0.00	30.29 0.50 0.00	28.71 0.66 0.00	28.44 0.81 0.00	29.14 0.68 0.00	31.68 0.51 0.00	32.03 0.47 0.00	42.64 0.46 0.00	29.71 0.41 0.00	29.50 0.53 0.00
BETHLEHEM___STEEL 23779	28.48 0.36 0.00	25.65 0.14 0.00	20.25 -0.11 0.00	22.51 -0.18 0.00	22.78 -0.30 0.00	23.26 -0.14 0.00	20.53 -0.05 0.00	21.60 -0.09 0.00	25.11 -0.11 0.00	28.30 0.19 0.00	30.19 -0.02 0.00	33.41 0.16 0.00	33.22 -0.24 0.00	38.90 -0.46 0.00	32.34 -0.49 0.00	29.58 -0.22 0.00	28.19 0.15 0.00	28.09 0.45 0.00	28.88 0.41 0.00	31.53 0.36 0.00	31.64 0.08 0.00	42.63 0.45 0.00	29.82 0.52 0.00	29.59 0.62 0.00
BETHLHEM_115KV_TB1 79974	28.74 0.61 0.00	26.10 0.59 0.00	20.85 0.49 0.00	23.28 0.58 0.00	23.65 0.58 0.00	23.94 0.54 0.00	21.02 0.44 0.00	22.71 0.46 -0.57	26.35 0.52 -0.61	28.88 0.46 -0.31	31.29 0.58 -0.49	33.83 0.58 0.00	34.13 0.67 0.00	40.11 0.76 0.00	33.49 0.66 0.00	30.38 0.58 0.00	28.79 0.74 0.00	28.52 0.89 0.00	29.21 0.74 0.00	31.75 0.58 0.00	32.11 0.55 0.00	42.76 0.58 0.00	29.78 0.47 0.00	29.57 0.59 0.00
BETHPAGE_CC_5 323564	30.01 1.89 0.00	27.26 1.76 0.00	21.61 1.25 0.00	23.99 1.29 0.00	24.41 1.33 0.00	24.83 1.43 0.00	21.95 1.37 0.00	25.50 1.41 -2.41	29.58 1.78 -2.58	31.54 2.12 -1.32	42.35 2.50 -9.63	43.95 2.70 -8.00	52.63 2.85 -16.32	45.04 3.43 -2.26	41.06 2.89 -5.33	32.00 2.20 0.00	30.49 2.44 0.00	30.21 2.58 0.00	30.73 2.26 0.00	33.11 1.94 0.00	33.52 1.96 0.00	44.73 2.55 0.00	31.23 1.92 0.00	30.95 1.98 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.55 0.43 0.00	25.70 0.20 0.00	20.29 -0.07 0.00	22.57 -0.13 0.00	22.83 -0.25 0.00	23.30 -0.10 0.00	20.57 -0.01 0.00	21.65 -0.03 0.00	25.18 -0.04 0.00	28.39 0.29 0.00	30.28 0.07 0.00	33.53 0.28 0.00	33.34 -0.12 0.00	39.05 -0.30 0.00	32.47 -0.36 0.00	29.70 -0.10 0.00	28.31 0.26 0.00	28.19 0.56 0.00	28.99 0.52 0.00	31.64 0.47 0.00	31.75 0.19 0.00	42.77 0.59 0.00	29.92 0.61 0.00	29.68 0.70 0.00
BINGHAMTON___COGEN 23790	28.44 0.31 0.00	25.69 0.18 0.00	20.39 0.03 0.00	22.77 0.08 0.00	23.12 0.04 0.00	23.50 0.10 0.00	20.71 0.13 0.00	21.84 0.15 0.00	25.41 0.19 0.00	28.41 0.30 0.00	30.53 0.32 0.00	33.60 0.35 0.00	33.72 0.26 0.00	39.79 0.43 0.00	33.16 0.33 0.00	30.13 0.33 0.00	28.59 0.54 0.00	28.32 0.69 0.00	29.03 0.56 0.00	32.10 0.51 -0.42	32.74 0.40 -0.78	44.29 0.57 -1.53	30.33 0.41 -0.61	30.01 0.46 -0.57
BIXINCNT_115KV_LOAD 355685	28.78 0.66 0.00	25.89 0.38 0.00	20.40 0.04 0.00	22.72 0.02 0.00	22.92 -0.15 0.00	23.37 -0.03 0.00	20.52 -0.05 0.00	21.66 -0.03 0.00	25.39 0.17 0.00	28.70 0.59 0.00	30.22 0.00 0.00	33.97 0.72 0.00	33.69 0.23 0.00	39.50 0.14 0.00	32.84 0.01 0.00	29.93 0.13 0.00	28.51 0.46 0.00	28.35 0.71 0.00	29.12 0.65 0.00	31.78 0.60 0.00	31.88 0.32 0.00	42.96 0.78 0.00	30.13 0.83 0.00	29.87 0.90 0.00
BLACK RIVER___HYD 24047	28.39 0.27 0.00	25.60 0.10 0.00	20.37 0.01 0.00	22.53 -0.16 0.00	22.90 -0.17 0.00	23.29 -0.11 0.00	20.52 -0.05 0.00	21.59 -0.10 0.00	25.08 -0.14 0.00	28.16 0.06 0.00	30.48 0.26 0.00	33.24 -0.01 0.00	33.09 -0.37 0.00	38.90 -0.45 0.00	32.41 -0.42 0.00	29.40 -0.39 0.00	27.71 -0.34 0.00	27.50 -0.13 0.00	28.30 -0.16 0.00	32.15 0.02 -0.96	33.82 0.50 -1.76	46.34 0.69 -3.47	30.64 -0.05 -1.38	30.13 -0.15 -1.30

BLACKRVR_115KV_TB2 79977	28.39 0.27 0.00	25.60 0.10 0.00	20.37 0.01 0.00	22.54 -0.16 0.00	22.90 -0.17 0.00	23.29 -0.11 0.00	20.52 -0.05 0.00	21.59 -0.10 0.00	25.08 -0.14 0.00	28.16 0.06 0.00	30.48 0.26 0.00	33.24 -0.01 0.00	33.08 -0.37 0.00	38.90 -0.46 0.00	32.41 -0.42 0.00	29.40 -0.39 0.00	27.71 -0.34 0.00	27.50 -0.13 0.00	28.30 -0.16 0.00	32.15 0.02 -0.96	33.82 0.50 -1.76	46.34 0.68 -3.47	30.64 -0.05 -1.38	30.12 -0.15 -1.30
BLISS_WT_PWR 323608	28.80 0.67 0.00	25.90 0.39 0.00	20.40 0.04 0.00	22.73 0.04 0.00	22.90 -0.17 0.00	23.34 -0.06 0.00	20.44 -0.13 0.00	21.60 -0.08 0.00	25.37 0.15 0.00	28.68 0.57 0.00	30.10 -0.12 0.00	34.00 0.75 0.00	33.72 0.26 0.00	39.54 0.19 0.00	32.86 0.03 0.00	29.94 0.14 0.00	28.54 0.49 0.00	28.37 0.74 0.00	29.14 0.67 0.00	31.81 0.64 0.00	31.92 0.35 0.00	43.01 0.83 0.00	30.14 0.83 0.00	29.88 0.90 0.00
BLUE_CIRC_CHEM_DRP 24182	29.11 0.99 0.00	26.44 0.93 0.00	21.12 0.76 0.00	23.61 0.91 0.00	23.98 0.91 0.00	24.28 0.88 0.00	21.32 0.75 0.00	22.98 0.76 -0.54	26.66 0.87 -0.57	29.25 0.85 -0.29	31.64 0.96 -0.46	34.22 0.96 0.00	34.49 1.03 0.00	40.53 1.18 0.00	33.84 1.01 0.00	30.69 0.89 0.00	29.05 1.00 0.00	28.79 1.16 0.00	29.54 1.08 0.00	32.15 0.98 0.00	32.52 0.96 0.00	43.32 1.14 0.00	30.18 0.87 0.00	29.94 0.97 0.00
BOC_GAS_DRP 24189	28.89 0.77 0.00	26.24 0.73 0.00	20.93 0.57 0.00	23.38 0.69 0.00	23.75 0.68 0.00	24.06 0.66 0.00	21.13 0.56 0.00	22.81 0.57 -0.56	26.48 0.67 -0.59	29.08 0.66 -0.30	31.48 0.78 -0.48	34.03 0.78 0.00	34.33 0.87 0.00	40.35 0.99 0.00	33.69 0.86 0.00	30.54 0.75 0.00	28.94 0.89 0.00	28.64 1.01 0.00	29.35 0.88 0.00	31.90 0.73 0.00	32.25 0.69 0.00	42.97 0.79 0.00	29.94 0.64 0.00	29.69 0.72 0.00
BOONVILLE_115KV_TB1 79983	28.63 0.51 0.00	25.89 0.38 0.00	20.63 0.26 0.00	22.96 0.26 0.00	23.32 0.24 0.00	23.69 0.29 0.00	20.85 0.28 0.00	21.97 0.28 0.00	25.58 0.36 0.00	28.62 0.51 0.00	30.81 0.60 0.00	33.87 0.62 0.00	34.09 0.63 0.00	40.15 0.79 0.00	33.45 0.61 0.00	30.35 0.55 0.00	28.61 0.56 0.00	28.30 0.67 0.00	29.10 0.63 0.00	32.11 0.71 -0.22	32.76 0.78 -0.41	44.03 1.03 -0.82	30.15 0.52 -0.32	29.71 0.44 -0.31
BORALEX_4TH_BRANCH 23824	29.78 1.65 0.00	27.06 1.56 0.00	21.50 1.14 0.00	24.10 1.41 0.00	24.53 1.46 0.00	24.87 1.47 0.00	21.89 1.32 0.00	23.56 1.24 -0.63	27.31 1.42 -0.67	29.84 1.39 -0.34	32.35 1.59 -0.54	34.80 1.54 0.00	35.08 1.62 0.00	41.11 1.76 0.00	34.26 1.43 0.00	31.00 1.20 0.00	29.43 1.38 0.00	29.28 1.65 0.00	30.06 1.59 0.00	32.83 1.66 0.00	33.20 1.64 0.00	44.17 1.99 0.00	30.84 1.53 0.00	30.60 1.63 0.00
BOWLINE___1 23526	29.25 1.13 0.00	26.50 0.99 0.00	20.99 0.63 0.00	23.37 0.67 0.00	23.78 0.70 0.00	24.19 0.78 0.00	21.36 0.79 0.00	19.01 0.82 3.51	22.49 1.02 3.75	27.42 1.24 1.92	28.61 1.43 3.03	34.83 1.58 0.00	35.21 1.75 0.00	41.48 2.13 0.00	34.69 1.86 0.00	31.42 1.62 0.00	29.88 1.83 0.00	29.55 1.92 0.00	30.12 1.65 0.00	32.47 1.30 0.00	32.75 1.19 0.00	43.57 1.39 0.00	30.33 1.02 0.00	30.06 1.09 0.00
BOWLINE___2 23595	29.30 1.18 0.00	26.54 1.03 0.00	21.02 0.66 0.00	23.40 0.71 0.00	23.81 0.74 0.00	24.21 0.81 0.00	21.39 0.82 0.00	19.04 0.86 3.51	22.52 1.06 3.75	27.48 1.29 1.93	28.67 1.48 3.03	34.90 1.65 0.00	35.27 1.81 0.00	41.55 2.20 0.00	34.75 1.92 0.00	31.47 1.68 0.00	29.93 1.89 0.00	29.61 1.98 0.00	30.17 1.70 0.00	32.53 1.36 0.00	32.80 1.24 0.00	43.65 1.47 0.00	30.38 1.08 0.00	30.12 1.14 0.00
BRADY___115KV_TB2 356060	28.53 0.40 0.00	25.91 0.40 0.00	20.75 0.39 0.00	23.11 0.42 0.00	23.56 0.48 0.00	23.89 0.49 0.00	20.95 0.37 0.00	22.03 0.34 0.00	25.60 0.38 0.00	28.49 0.38 0.00	30.58 0.36 0.00	33.66 0.41 0.00	33.85 0.39 0.00	39.51 0.16 0.00	32.85 0.02 0.00	29.80 0.00 0.00	27.73 -0.32 0.00	27.09 -0.54 0.00	28.10 -0.37 0.00	31.07 -0.10 0.00	31.66 0.10 0.00	42.76 0.57 0.00	29.68 0.38 0.00	29.22 0.25 0.00
BRANSCOMB___SOLAR 323811	29.77 1.65 0.00	26.95 1.44 0.00	21.40 1.04 0.00	23.94 1.24 0.00	24.35 1.28 0.00	24.70 1.30 0.00	21.75 1.17 0.00	23.47 1.23 -0.56	27.20 1.38 -0.60	29.82 1.40 -0.31	32.24 1.54 -0.48	34.83 1.58 0.00	35.10 1.64 0.00	41.13 1.78 0.00	34.33 1.50 0.00	31.28 1.48 0.00	29.68 1.63 0.00	29.44 1.81 0.00	30.31 1.84 0.00	32.97 1.80 0.00	33.46 1.90 0.00	44.54 2.36 0.00	31.01 1.70 0.00	30.72 1.75 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.52 2.40 0.00	27.67 2.17 0.00	21.88 1.52 0.00	24.27 1.57 0.00	24.69 1.61 0.00	25.13 1.73 0.00	22.24 1.66 0.00	25.83 1.73 -2.41	30.02 2.22 -2.58	32.09 2.66 -1.32	42.99 3.14 -9.63	46.52 3.39 -9.87	62.40 3.51 -25.44	49.71 4.09 -6.27	41.58 3.33 -5.41	32.09 2.29 0.00	30.54 2.49 0.00	30.28 2.65 0.00	30.93 2.47 0.00	33.29 2.11 0.00	33.77 2.21 0.00	45.46 3.28 0.00	31.81 2.51 0.00	31.58 2.61 0.00
BRISTLHL_115KV_TB1 79998	27.50 -0.62 0.00	24.91 -0.60 0.00	19.86 -0.50 0.00	22.10 -0.60 0.00	22.47 -0.61 0.00	22.81 -0.59 0.00	20.10 -0.47 0.00	21.18 -0.51 0.00	24.59 -0.63 0.00	27.45 -0.66 0.00	29.54 -0.68 0.00	32.49 -0.76 0.00	32.68 -0.78 0.00	38.49 -0.87 0.00	32.10 -0.73 0.00	29.20 -0.60 0.00	27.61 -0.43 0.00	27.30 -0.33 0.00	28.07 -0.40 0.00	32.69 -0.48 -2.00	34.73 -0.52 -3.68	48.75 -0.69 -7.26	31.68 -0.51 -2.89	31.22 -0.48 -2.73
BROOKHAVEN___DRP 24191	30.61 2.49 0.00	27.76 2.25 0.00	21.96 1.60 0.00	24.33 1.64 0.00	24.76 1.68 0.00	25.20 1.80 0.00	22.32 1.74 0.00	25.86 1.77 -2.41	30.08 2.28 -2.58	32.14 2.72 -1.32	43.04 3.20 -9.63	54.40 3.53 -17.61	100.20 3.68 -63.07	66.50 4.32 -22.82	41.83 3.56 -5.44	32.37 2.57 0.00	30.78 2.73 0.00	30.52 2.89 0.00	31.14 2.68 0.00	33.56 2.39 0.00	34.11 2.55 0.00	45.77 3.59 0.00	32.04 2.73 0.00	31.81 2.84 0.00
BROOKLYN_NAVY_YARD 23515	29.59 1.46 0.00	26.77 1.27 0.00	21.20 0.84 0.00	23.59 0.90 0.00	24.00 0.92 0.00	24.41 1.01 0.00	21.59 1.01 0.00	25.21 1.09 -2.43	29.18 1.37 -2.60	31.15 1.71 -1.33	34.21 1.90 -2.10	35.36 2.11 0.00	35.74 2.28 0.00	42.11 2.75 0.00	35.23 2.40 0.00	31.89 2.09 0.00	30.33 2.28 0.00	29.97 2.34 0.00	30.50 2.03 0.00	32.83 1.66 0.00	33.09 1.53 0.00	44.05 1.86 0.00	30.72 1.41 0.00	30.42 1.45 0.00
BROOKLYN___ARMY_DRP 323595	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00

BROOKVLE_69_KV_TB1 55790	29.98 1.86 0.00	27.25 1.74 0.00	21.57 1.21 0.00	23.97 1.27 0.00	24.39 1.31 0.00	24.81 1.41 0.00	21.92 1.35 0.00	25.52 1.42 -2.41	29.50 1.71 -2.58	31.53 2.10 -1.32	42.32 2.47 -9.63	43.79 2.72 -7.82	51.82 2.88 -15.48	44.74 3.49 -1.89	40.86 2.98 -5.05	32.24 2.45 0.00	30.70 2.65 0.00	30.38 2.75 0.00	30.89 2.43 0.00	33.32 2.15 0.00	33.72 2.15 0.00	44.88 2.70 0.00	31.18 1.87 0.00	30.88 1.91 0.00
BROOME_2_LFGE 323671	28.44 0.31 0.00	25.69 0.18 0.00	20.39 0.03 0.00	22.78 0.08 0.00	23.12 0.04 0.00	23.50 0.10 0.00	20.71 0.14 0.00	21.84 0.15 0.00	25.41 0.19 0.00	28.41 0.30 0.00	30.54 0.32 0.00	33.60 0.35 0.00	33.72 0.26 0.00	39.78 0.43 0.00	33.16 0.33 0.00	30.13 0.33 0.00	28.59 0.54 0.00	28.32 0.69 0.00	29.03 0.56 0.00	32.10 0.51 -0.42	32.74 0.39 -0.78	44.29 0.57 -1.53	30.33 0.41 -0.61	30.00 0.46 -0.57
BROOME__LFGE 323600	28.44 0.31 0.00	25.69 0.18 0.00	20.39 0.03 0.00	22.78 0.08 0.00	23.12 0.04 0.00	23.50 0.10 0.00	20.71 0.14 0.00	21.84 0.15 0.00	25.41 0.19 0.00	28.41 0.30 0.00	30.54 0.32 0.00	33.60 0.35 0.00	33.72 0.26 0.00	39.78 0.43 0.00	33.16 0.33 0.00	30.13 0.33 0.00	28.59 0.54 0.00	28.32 0.69 0.00	29.03 0.56 0.00	32.10 0.51 -0.42	32.74 0.39 -0.78	44.29 0.57 -1.53	30.33 0.41 -0.61	30.00 0.46 -0.57
BROWNFLS_115KV_TB_3_5 80003	28.19 0.07 0.00	25.53 0.02 0.00	20.38 0.02 0.00	22.64 -0.06 0.00	23.03 -0.05 0.00	23.38 -0.02 0.00	20.50 -0.08 0.00	21.53 -0.16 0.00	25.04 -0.18 0.00	27.91 -0.20 0.00	30.05 -0.17 0.00	32.90 -0.35 0.00	32.97 -0.49 0.00	38.61 -0.75 0.00	32.11 -0.72 0.00	29.10 -0.70 0.00	27.25 -0.80 0.00	26.82 -0.81 0.00	27.71 -0.75 0.00	30.99 -0.60 -0.41	32.00 -0.33 -0.76	43.54 -0.14 -1.50	29.54 -0.37 -0.60	29.11 -0.42 -0.56
BROWNSV1_27_KV_LOAD 356125	29.97 1.84 0.00	27.12 1.61 0.00	21.46 1.10 0.00	23.87 1.18 0.00	24.28 1.21 0.00	24.71 1.31 0.00	21.86 1.28 0.00	25.51 1.39 -2.43	29.55 1.73 -2.60	31.53 2.09 -1.33	34.66 2.35 -2.10	35.84 2.60 0.00	36.24 2.78 0.00	42.71 3.35 0.00	35.73 2.90 0.00	32.37 2.57 0.00	30.78 2.74 0.00	30.42 2.79 0.00	30.94 2.47 0.00	33.30 2.12 0.00	33.57 2.00 0.00	44.67 2.49 0.00	31.12 1.81 0.00	30.82 1.85 0.00
BURROWS__LYONSDAL 23803	28.54 0.42 0.00	25.81 0.31 0.00	20.55 0.19 0.00	22.84 0.15 0.00	23.20 0.13 0.00	23.58 0.17 0.00	20.74 0.16 0.00	21.85 0.16 0.00	25.45 0.23 0.00	28.47 0.36 0.00	30.67 0.45 0.00	33.65 0.40 0.00	33.83 0.37 0.00	39.81 0.46 0.00	33.17 0.34 0.00	30.09 0.29 0.00	28.34 0.29 0.00	28.02 0.39 0.00	28.82 0.35 0.00	31.94 0.45 -0.31	32.73 0.59 -0.58	44.14 0.81 -1.15	30.01 0.25 -0.45	29.58 0.17 -0.43
CAITHNESS_CC_1 323624	30.49 2.36 0.00	27.65 2.14 0.00	21.88 1.52 0.00	24.23 1.53 0.00	24.67 1.59 0.00	25.10 1.69 0.00	22.24 1.67 0.00	25.77 1.67 -2.41	29.97 2.18 -2.58	32.01 2.58 -1.32	42.91 3.06 -9.63	54.18 3.37 -17.56	99.78 3.49 -62.82	66.19 4.12 -22.71	41.69 3.42 -5.44	32.23 2.43 0.00	30.66 2.61 0.00	30.39 2.76 0.00	31.02 2.55 0.00	33.40 2.23 0.00	33.92 2.36 0.00	45.47 3.29 0.00	31.89 2.58 0.00	31.65 2.68 0.00
CALPINE BETH_PAGE_GT4 24209	30.01 1.89 0.00	27.25 1.74 0.00	21.63 1.27 0.00	24.01 1.31 0.00	24.43 1.35 0.00	24.86 1.46 0.00	21.96 1.38 0.00	25.49 1.39 -2.41	29.56 1.76 -2.58	31.54 2.11 -1.32	42.34 2.49 -9.63	43.91 2.70 -7.95	52.42 2.85 -16.11	44.96 3.44 -2.17	41.03 2.90 -5.30	32.04 2.25 0.00	30.52 2.47 0.00	30.23 2.60 0.00	30.75 2.28 0.00	33.13 1.96 0.00	33.55 1.98 0.00	44.75 2.57 0.00	31.20 1.90 0.00	30.94 1.97 0.00
CALPINE_BETH_PAGE_GT_4 323586	30.01 1.89 0.00	27.25 1.74 0.00	21.63 1.27 0.00	24.00 1.30 0.00	24.43 1.35 0.00	24.85 1.45 0.00	21.96 1.39 0.00	25.49 1.39 -2.41	29.56 1.76 -2.58	31.54 2.12 -1.32	42.34 2.49 -9.63	43.90 2.70 -7.95	52.42 2.85 -16.11	44.96 3.43 -2.17	41.03 2.90 -5.30	32.04 2.25 0.00	30.52 2.47 0.00	30.23 2.60 0.00	30.75 2.28 0.00	33.14 1.96 0.00	33.54 1.98 0.00	44.73 2.55 0.00	31.22 1.91 0.00	30.94 1.97 0.00
CALPINE_BP_GT1 23823	30.01 1.89 0.00	27.25 1.74 0.00	21.63 1.27 0.00	24.00 1.30 0.00	24.43 1.35 0.00	24.85 1.45 0.00	21.96 1.39 0.00	25.49 1.39 -2.41	29.56 1.76 -2.58	31.54 2.12 -1.32	42.34 2.49 -9.63	43.90 2.70 -7.95	52.42 2.85 -16.11	44.96 3.43 -2.17	41.03 2.90 -5.30	32.04 2.25 0.00	30.52 2.47 0.00	30.23 2.60 0.00	30.75 2.28 0.00	33.14 1.96 0.00	33.54 1.98 0.00	44.73 2.55 0.00	31.22 1.91 0.00	30.94 1.97 0.00
CALSPAN__DRP 24200	28.48 0.36 0.00	25.65 0.14 0.00	20.25 -0.11 0.00	22.51 -0.18 0.00	22.78 -0.30 0.00	23.26 -0.14 0.00	20.53 -0.05 0.00	21.60 -0.09 0.00	25.11 -0.11 0.00	28.30 0.19 0.00	30.19 -0.02 0.00	33.41 0.16 0.00	33.22 -0.24 0.00	38.90 -0.46 0.00	32.34 -0.49 0.00	29.58 -0.22 0.00	28.19 0.15 0.00	28.09 0.45 0.00	28.88 0.41 0.00	31.53 0.36 0.00	31.64 0.08 0.00	42.63 0.45 0.00	29.82 0.52 0.00	29.59 0.62 0.00
CALVERTON__SOLAR 323806	30.78 2.66 0.00	27.89 2.39 0.00	22.06 1.70 0.00	24.43 1.74 0.00	24.87 1.80 0.00	25.30 1.90 0.00	22.45 1.87 0.00	25.97 1.87 -2.41	30.22 2.43 -2.58	32.30 2.87 -1.32	43.23 3.38 -9.63	54.65 3.77 -17.64	100.54 3.90 -63.18	66.80 4.57 -22.87	42.03 3.76 -5.44	32.55 2.75 0.00	30.95 2.90 0.00	30.70 3.07 0.00	31.35 2.88 0.00	33.78 2.60 0.00	34.34 2.78 0.00	46.07 3.89 0.00	32.29 2.99 0.00	32.02 3.05 0.00
CANDIGU_WT_PWR 323617	28.32 0.20 0.00	25.51 0.01 0.00	20.15 -0.22 0.00	22.47 -0.23 0.00	22.73 -0.34 0.00	23.18 -0.23 0.00	20.35 -0.23 0.00	21.42 -0.27 0.00	25.06 -0.16 0.00	28.18 0.07 0.00	30.32 0.10 0.00	33.42 0.17 0.00	33.44 -0.02 0.00	39.45 0.10 0.00	32.85 0.02 0.00	29.88 0.08 0.00	28.38 0.33 0.00	28.18 0.55 0.00	28.85 0.38 0.00	31.76 0.36 -0.22	32.04 0.07 -0.41	43.18 0.19 -0.81	29.77 0.14 -0.32	29.58 0.30 -0.30
CARR STREET_E_SYR 24060	27.81 -0.31 0.00	25.16 -0.34 0.00	20.04 -0.32 0.00	22.32 -0.38 0.00	22.68 -0.39 0.00	23.04 -0.37 0.00	20.30 -0.28 0.00	21.35 -0.34 0.00	24.76 -0.46 0.00	27.66 -0.45 0.00	29.76 -0.46 0.00	32.76 -0.49 0.00	32.95 -0.51 0.00	38.81 -0.55 0.00	32.37 -0.46 0.00	29.44 -0.36 0.00	27.84 -0.21 0.00	27.54 -0.09 0.00	28.32 -0.15 0.00	31.54 -0.22 -0.60	32.37 -0.29 -1.10	43.96 -0.38 -2.17	29.86 -0.30 -0.86	29.51 -0.28 -0.81
CARTHAGE__PAPER 23857	28.51 0.39 0.00	25.74 0.23 0.00	20.49 0.13 0.00	22.70 0.00 0.00	23.06 -0.01 0.00	23.45 0.05 0.00	20.63 0.05 0.00	21.69 0.00 0.00	25.21 -0.01 0.00	28.19 0.09 0.00	30.52 0.30 0.00	33.29 0.04 0.00	33.26 -0.20 0.00	39.01 -0.34 0.00	32.54 -0.29 0.00	29.46 -0.34 0.00	27.74 -0.31 0.00	27.49 -0.14 0.00	28.31 -0.15 0.00	32.04 0.05 -0.82	33.57 0.49 -1.51	45.92 0.76 -2.98	30.51 0.01 -1.19	30.01 -0.08 -1.12

CASSADAGA_WT_PWR 323784	28.87 0.75 0.00	25.97 0.46 0.00	20.32 -0.04 0.00	22.76 0.07 0.00	22.91 -0.16 0.00	23.34 -0.07 0.00	20.70 0.13 0.00	21.89 0.20 0.00	25.68 0.46 0.00	28.99 0.88 0.00	31.27 1.05 0.00	34.84 1.60 0.00	34.70 1.24 0.00	40.82 1.46 0.00	33.92 1.09 0.00	30.98 1.18 0.00	29.54 1.49 0.00	29.41 1.78 0.00	30.13 1.66 0.00	32.86 1.68 0.00	32.97 1.41 0.00	44.36 2.18 0.00	30.60 1.29 0.00	29.98 1.01 0.00
CE_DUNWOOD___DRP 24194	29.55 1.43 0.00	26.77 1.26 0.00	21.20 0.84 0.00	23.60 0.91 0.00	24.01 0.94 0.00	24.42 1.02 0.00	21.57 0.99 0.00	25.33 1.06 -2.58	29.29 1.31 -2.76	31.10 1.58 -1.42	34.24 1.79 -2.23	35.22 1.97 0.00	35.59 2.13 0.00	41.94 2.58 0.00	35.06 2.23 0.00	31.75 1.95 0.00	30.19 2.15 0.00	29.86 2.23 0.00	30.42 1.95 0.00	32.78 1.61 0.00	33.06 1.50 0.00	43.99 1.81 0.00	30.63 1.33 0.00	30.36 1.39 0.00
CE_MILLWOOD___DRP 24193	29.49 1.37 0.00	26.71 1.20 0.00	21.16 0.80 0.00	23.56 0.86 0.00	23.96 0.89 0.00	24.37 0.97 0.00	21.52 0.95 0.00	25.38 1.01 -2.69	29.34 1.25 -2.87	31.08 1.49 -1.47	34.24 1.70 -2.32	35.12 1.87 0.00	35.49 2.03 0.00	41.81 2.46 0.00	34.96 2.13 0.00	31.67 1.87 0.00	30.12 2.07 0.00	29.78 2.15 0.00	30.34 1.88 0.00	32.71 1.54 0.00	32.99 1.43 0.00	43.90 1.72 0.00	30.57 1.26 0.00	30.30 1.32 0.00
CE_NYC2_DRP 24202	29.65 1.53 0.00	26.84 1.34 0.00	21.27 0.90 0.00	23.66 0.96 0.00	24.07 0.99 0.00	24.49 1.09 0.00	21.67 1.10 0.00	25.30 1.18 -2.43	29.28 1.47 -2.60	31.26 1.81 -1.33	34.40 2.08 -2.10	35.56 2.31 -0.01	35.94 2.47 -0.01	42.32 2.97 0.00	35.37 2.54 0.00	32.01 2.21 0.00	30.44 2.39 0.00	30.09 2.46 0.00	30.61 2.14 0.00	32.95 1.78 0.00	33.24 1.68 0.00	44.26 2.08 0.00	30.86 1.56 0.00	30.56 1.59 0.00
CE_NYC_DRP 24195	29.66 1.54 0.00	26.85 1.34 0.00	21.26 0.90 0.00	23.66 0.96 0.00	24.06 0.99 0.00	24.47 1.07 0.00	21.65 1.07 0.00	25.27 1.15 -2.43	29.26 1.45 -2.60	31.21 1.77 -1.33	34.30 1.99 -2.10	35.44 2.19 0.00	35.85 2.39 0.00	42.27 2.91 0.00	35.36 2.53 0.00	32.02 2.23 0.00	30.45 2.41 0.00	30.09 2.46 0.00	30.61 2.14 0.00	32.94 1.76 0.00	33.20 1.64 0.00	44.18 2.00 0.00	30.79 1.48 0.00	30.51 1.53 0.00
CHAFFEE___LFGE 323603	28.53 0.40 0.00	25.67 0.17 0.00	20.26 -0.10 0.00	22.54 -0.16 0.00	22.79 -0.29 0.00	23.29 -0.11 0.00	20.55 -0.03 0.00	21.63 -0.06 0.00	25.15 -0.07 0.00	28.35 0.24 0.00	30.26 0.05 0.00	33.47 0.22 0.00	33.30 -0.15 0.00	39.02 -0.33 0.00	32.45 -0.38 0.00	29.68 -0.12 0.00	28.29 0.24 0.00	28.19 0.55 0.00	28.99 0.52 0.00	31.65 0.48 0.00	31.75 0.19 0.00	42.79 0.61 0.00	29.88 0.57 0.00	29.64 0.67 0.00
CHATEAUG_35_KV_LOAD 355732	28.29 0.17 0.00	25.69 0.18 0.00	20.60 0.24 0.00	23.01 0.32 0.00	23.46 0.38 0.00	23.78 0.38 0.00	20.91 0.34 0.00	22.06 0.37 0.00	25.63 0.41 0.00	28.45 0.34 0.00	30.55 0.33 0.00	33.66 0.41 0.00	33.81 0.35 0.00	39.70 0.34 0.00	33.07 0.24 0.00	30.05 0.25 0.00	27.97 -0.08 0.00	27.47 -0.16 0.00	28.48 0.01 0.00	31.33 0.15 0.00	31.90 0.34 0.00	42.82 0.64 0.00	29.72 0.41 0.00	29.20 0.23 0.00
CHATEAUG_WT_PWR 323614	28.31 0.19 0.00	25.70 0.19 0.00	20.60 0.25 0.00	23.01 0.31 0.00	23.46 0.39 0.00	23.78 0.38 0.00	20.92 0.35 0.00	22.00 0.32 0.00	25.55 0.33 0.00	28.39 0.28 0.00	30.50 0.28 0.00	33.67 0.42 0.00	33.85 0.39 0.00	39.73 0.38 0.00	33.09 0.26 0.00	30.09 0.30 0.00	28.02 -0.02 0.00	27.55 -0.08 0.00	28.53 0.07 0.00	31.34 0.17 0.00	31.92 0.36 0.00	42.82 0.64 0.00	29.74 0.43 0.00	29.24 0.27 0.00
CHAT_HIGH_FALL_HYD 323578	28.29 0.17 0.00	25.69 0.18 0.00	20.60 0.24 0.00	23.01 0.31 0.00	23.46 0.38 0.00	23.78 0.37 0.00	20.91 0.34 0.00	22.06 0.37 0.00	25.63 0.41 0.00	28.45 0.34 0.00	30.55 0.33 0.00	33.66 0.41 0.00	33.81 0.35 0.00	39.70 0.34 0.00	33.07 0.24 0.00	30.05 0.25 0.00	27.97 -0.07 0.00	27.47 -0.16 0.00	28.48 0.01 0.00	31.33 0.15 0.00	31.90 0.34 0.00	42.82 0.64 0.00	29.72 0.41 0.00	29.20 0.23 0.00
CHAUTAUQUA___LFGE 323629	28.74 0.62 0.00	25.85 0.34 0.00	20.29 -0.08 0.00	22.67 -0.02 0.00	22.88 -0.19 0.00	23.36 -0.04 0.00	20.69 0.11 0.00	21.81 0.12 0.00	25.47 0.25 0.00	28.68 0.57 0.00	30.80 0.58 0.00	34.18 0.92 0.00	34.01 0.55 0.00	39.99 0.64 0.00	33.22 0.39 0.00	30.33 0.54 0.00	28.94 0.89 0.00	28.83 1.20 0.00	29.55 1.08 0.00	32.24 1.07 0.00	32.36 0.80 0.00	43.59 1.41 0.00	30.25 0.94 0.00	29.87 0.90 0.00
CHERRYST_13_KV_LD 356241	29.74 1.62 0.00	26.92 1.42 0.00	21.32 0.96 0.00	23.72 1.03 0.00	24.13 1.06 0.00	24.55 1.15 0.00	21.72 1.14 0.00	25.36 1.25 -2.43	29.37 1.55 -2.60	31.34 1.90 -1.33	34.46 2.14 -2.10	35.62 2.37 0.00	36.01 2.56 0.00	42.47 3.11 0.00	35.53 2.70 0.00	32.18 2.38 0.00	30.60 2.55 0.00	30.23 2.59 0.00	30.73 2.27 0.00	33.05 1.88 0.00	33.31 1.75 0.00	44.33 2.15 0.00	30.87 1.57 0.00	30.59 1.63 0.00
CHESTROR_138KV_BK263 355645	29.23 1.11 0.00	26.47 0.96 0.00	20.99 0.63 0.00	23.38 0.69 0.00	23.78 0.70 0.00	24.17 0.77 0.00	21.32 0.75 0.00	20.18 0.78 2.29	23.74 0.97 2.45	28.01 1.15 1.26	29.57 1.33 1.98	34.72 1.46 0.00	35.07 1.61 0.00	41.33 1.97 0.00	34.55 1.72 0.00	31.31 1.51 0.00	29.76 1.71 0.00	29.43 1.80 0.00	30.04 1.58 0.00	32.47 1.30 0.00	32.75 1.20 0.00	43.61 1.43 0.00	30.34 1.03 0.00	30.07 1.10 0.00
CH_MIDHUDSON___DRP 24192	29.60 1.48 0.00	26.82 1.32 0.00	21.27 0.91 0.00	23.70 1.00 0.00	24.11 1.04 0.00	24.49 1.10 0.00	21.60 1.02 0.00	23.51 1.12 -0.70	27.33 1.36 -0.75	30.05 1.56 -0.38	32.58 1.77 -0.60	35.19 1.94 0.00	35.55 2.09 0.00	41.85 2.49 0.00	34.94 2.11 0.00	31.69 1.89 0.00	30.13 2.08 0.00	29.83 2.20 0.00	30.42 1.95 0.00	32.84 1.67 0.00	33.12 1.57 0.00	44.07 1.89 0.00	30.67 1.37 0.00	30.39 1.42 0.00
CH_MISC_IPPS 23765	29.77 1.65 0.00	26.95 1.45 0.00	21.37 1.01 0.00	23.79 1.10 0.00	24.21 1.13 0.00	24.60 1.20 0.00	21.70 1.13 0.00	23.35 1.21 -0.45	27.18 1.48 -0.48	30.08 1.72 -0.24	32.56 1.96 -0.38	35.43 2.18 0.00	35.80 2.34 0.00	42.18 2.83 0.00	35.20 2.37 0.00	31.92 2.13 0.00	30.36 2.31 0.00	30.06 2.43 0.00	30.65 2.18 0.00	33.09 1.91 0.00	33.37 1.81 0.00	44.39 2.21 0.00	30.87 1.56 0.00	30.55 1.58 0.00
CH_RES_BVR_FALLS 23983	28.01 -0.11 0.00	25.43 -0.08 0.00	20.31 -0.05 0.00	22.59 -0.11 0.00	22.93 -0.15 0.00	23.24 -0.16 0.00	20.43 -0.14 0.00	21.61 -0.08 0.00	25.16 -0.06 0.00	28.03 -0.07 0.00	30.10 -0.12 0.00	33.13 -0.12 0.00	33.32 -0.14 0.00	39.16 -0.19 0.00	32.66 -0.17 0.00	29.63 -0.17 0.00	27.79 -0.26 0.00	27.28 -0.35 0.00	28.19 -0.28 0.00	30.95 -0.22 0.00	31.37 -0.20 0.00	41.86 -0.32 0.00	29.01 -0.30 0.00	28.61 -0.36 0.00

CH_RES_NIAGARA 23895	27.84 -0.28 0.00	25.17 -0.34 0.00	19.91 -0.46 0.00	22.10 -0.59 0.00	22.35 -0.73 0.00	22.83 -0.57 0.00	20.12 -0.45 0.00	21.08 -0.61 0.00	24.36 -0.86 0.00	27.46 -0.65 0.00	29.22 -0.99 0.00	32.25 -1.00 0.00	32.04 -1.42 0.00	37.34 -2.01 0.00	31.03 -1.80 0.00	28.44 -1.36 0.00	27.13 -0.92 0.00	27.03 -0.61 0.00	27.85 -0.62 0.00	30.41 -0.76 0.00	30.54 -1.02 0.00	41.05 -1.13 0.00	28.74 -0.57 0.00	28.64 -0.33 0.00
CH_RES_SYRACUSE 23985	27.96 -0.17 0.00	25.29 -0.22 0.00	20.14 -0.23 0.00	22.43 -0.26 0.00	22.81 -0.27 0.00	23.16 -0.24 0.00	20.42 -0.16 0.00	21.50 -0.19 0.00	24.99 -0.23 0.00	27.94 -0.17 0.00	30.03 -0.18 0.00	33.08 -0.17 0.00	33.26 -0.20 0.00	39.18 -0.17 0.00	32.70 -0.13 0.00	29.74 -0.05 0.00	28.09 0.04 0.00	27.79 0.16 0.00	28.57 0.10 0.00	32.36 0.08 -1.11	33.61 0.00 -2.05	46.24 0.02 -4.04	30.87 -0.05 -1.61	30.46 -0.03 -1.52
CLINTON_WT_PWR 323605	28.31 0.19 0.00	25.70 0.19 0.00	20.60 0.25 0.00	23.01 0.31 0.00	23.46 0.39 0.00	23.78 0.38 0.00	20.92 0.35 0.00	22.00 0.32 0.00	25.55 0.33 0.00	28.39 0.28 0.00	30.50 0.28 0.00	33.67 0.42 0.00	33.85 0.39 0.00	39.73 0.38 0.00	33.09 0.26 0.00	30.09 0.30 0.00	28.02 -0.02 0.00	27.55 -0.08 0.00	28.53 0.07 0.00	31.34 0.17 0.00	31.92 0.36 0.00	42.82 0.64 0.00	29.74 0.43 0.00	29.24 0.27 0.00
CLINTON___LFGE 323618	28.63 0.51 0.00	25.95 0.44 0.00	20.79 0.43 0.00	23.23 0.54 0.00	23.68 0.61 0.00	24.01 0.61 0.00	21.18 0.61 0.00	22.60 0.91 0.00	26.20 0.98 0.00	29.03 0.92 0.00	31.28 1.06 0.00	34.18 0.92 0.00	34.25 0.79 0.00	40.21 0.85 0.00	33.51 0.68 0.00	30.54 0.74 0.00	28.43 0.38 0.00	28.02 0.39 0.00	29.00 0.53 0.00	31.81 0.63 0.00	32.44 0.88 0.00	43.49 1.31 0.00	30.19 0.88 0.00	29.67 0.70 0.00
COBBLENY_34_KV_TB1 80064	28.53 0.40 0.00	25.67 0.16 0.00	20.26 -0.10 0.00	22.53 -0.17 0.00	22.79 -0.29 0.00	23.28 -0.12 0.00	20.56 -0.02 0.00	21.63 -0.06 0.00	25.15 -0.07 0.00	28.35 0.24 0.00	30.25 0.03 0.00	33.46 0.21 0.00	33.30 -0.16 0.00	39.01 -0.35 0.00	32.45 -0.38 0.00	29.68 -0.12 0.00	28.29 0.24 0.00	28.19 0.56 0.00	28.99 0.53 0.00	31.65 0.48 0.00	31.75 0.19 0.00	42.76 0.57 0.00	29.90 0.60 0.00	29.64 0.67 0.00
COFFEEN___115KV_TB3 355620	28.52 0.40 0.00	25.71 0.20 0.00	20.44 0.08 0.00	22.62 -0.07 0.00	23.00 -0.08 0.00	23.39 -0.01 0.00	20.62 0.04 0.00	21.67 -0.02 0.00	25.17 -0.05 0.00	28.34 0.23 0.00	30.69 0.47 0.00	33.43 0.18 0.00	33.18 -0.28 0.00	39.03 -0.32 0.00	32.51 -0.32 0.00	29.51 -0.29 0.00	27.81 -0.24 0.00	27.64 0.01 0.00	28.43 -0.03 0.00	32.35 0.20 -0.98	34.13 0.77 -1.81	46.79 1.05 -3.56	30.93 0.21 -1.42	30.37 0.06 -1.34
COLDSPRG_115KV_BK1 355956	29.23 1.11 0.00	26.28 0.77 0.00	20.64 0.28 0.00	23.06 0.36 0.00	23.29 0.21 0.00	23.80 0.40 0.00	21.12 0.54 0.00	22.30 0.61 0.00	26.10 0.88 0.00	29.47 1.36 0.00	31.59 1.37 0.00	35.01 1.76 0.00	34.76 1.30 0.00	40.86 1.50 0.00	33.94 1.11 0.00	30.98 1.19 0.00	29.55 1.50 0.00	29.42 1.79 0.00	30.08 1.61 0.00	32.80 1.63 0.00	32.91 1.35 0.00	44.31 2.13 0.00	30.83 1.53 0.00	30.45 1.48 0.00
COLONIE_LFGE___ 323577	29.41 1.28 0.00	26.69 1.18 0.00	21.23 0.87 0.00	23.74 1.05 0.00	24.15 1.07 0.00	24.48 1.07 0.00	21.53 0.95 0.00	23.23 0.97 -0.58	26.96 1.12 -0.62	29.54 1.11 -0.32	32.00 1.28 -0.50	34.52 1.27 0.00	34.82 1.36 0.00	40.86 1.51 0.00	34.10 1.27 0.00	30.95 1.15 0.00	29.35 1.30 0.00	29.12 1.49 0.00	29.88 1.41 0.00	32.51 1.33 0.00	32.89 1.33 0.00	43.79 1.61 0.00	30.52 1.21 0.00	30.25 1.28 0.00
COOPERNY_115KV_TB1 80082	28.93 0.81 0.00	26.20 0.70 0.00	20.82 0.46 0.00	23.20 0.51 0.00	23.59 0.51 0.00	23.95 0.55 0.00	21.11 0.54 0.00	21.46 0.56 0.78	25.08 0.70 0.84	28.52 0.85 0.43	30.51 0.97 0.68	34.33 1.08 0.00	34.64 1.18 0.00	40.82 1.47 0.00	34.09 1.26 0.00	30.91 1.12 0.00	29.33 1.28 0.00	29.00 1.37 0.00	29.66 1.19 0.00	32.16 0.99 0.00	32.47 0.91 0.00	43.26 1.08 0.00	30.07 0.77 0.00	29.78 0.81 0.00
COPENHAGEN_WT_PWR 323753	28.31 0.19 0.00	25.52 0.01 0.00	20.29 -0.07 0.00	22.44 -0.26 0.00	22.79 -0.29 0.00	23.18 -0.23 0.00	20.43 -0.15 0.00	21.51 -0.17 0.00	25.01 -0.21 0.00	28.08 -0.03 0.00	30.37 0.15 0.00	33.13 -0.12 0.00	33.00 -0.46 0.00	38.81 -0.55 0.00	32.35 -0.48 0.00	29.34 -0.46 0.00	27.66 -0.39 0.00	27.44 -0.19 0.00	28.24 -0.23 0.00	32.12 -0.08 -1.02	33.79 0.35 -1.89	46.32 0.42 -3.72	30.54 -0.25 -1.48	30.05 -0.32 -1.40
CORNELL___ 23752	28.67 0.55 0.00	25.90 0.39 0.00	20.57 0.21 0.00	22.95 0.25 0.00	23.30 0.22 0.00	23.69 0.29 0.00	20.89 0.31 0.00	22.00 0.31 0.00	25.57 0.35 0.00	28.57 0.46 0.00	30.63 0.41 0.00	33.71 0.46 0.00	33.87 0.41 0.00	39.95 0.60 0.00	33.36 0.53 0.00	30.37 0.58 0.00	28.79 0.74 0.00	28.55 0.92 0.00	29.36 0.89 0.00	32.75 0.98 -0.60	33.57 0.90 -1.11	45.58 1.22 -2.19	30.96 0.78 -0.87	30.54 0.75 -0.82
CORONA_AV_69_KV_TB1 355595	30.11 1.99 0.00	27.28 1.78 0.00	21.58 1.22 0.00	23.97 1.28 0.00	24.39 1.32 0.00	24.78 1.38 0.00	21.85 1.27 0.00	25.44 1.34 -2.41	29.48 1.69 -2.58	31.51 2.09 -1.32	42.31 2.46 -9.63	43.71 2.64 -7.82	51.79 2.85 -15.48	44.71 3.47 -1.89	40.99 2.99 -5.17	32.18 2.38 0.00	30.64 2.60 0.00	30.32 2.69 0.00	30.83 2.36 0.00	33.17 2.00 0.00	33.54 1.97 0.00	44.63 2.45 0.00	31.08 1.78 0.00	30.81 1.84 0.00
CORTLAND_115KV_TB3 80093	28.43 0.31 0.00	25.71 0.20 0.00	20.43 0.07 0.00	22.78 0.09 0.00	23.14 0.07 0.00	23.51 0.11 0.00	20.73 0.15 0.00	21.84 0.15 0.00	25.39 0.17 0.00	28.36 0.25 0.00	30.46 0.25 0.00	33.52 0.27 0.00	33.70 0.24 0.00	39.76 0.40 0.00	33.14 0.31 0.00	30.14 0.34 0.00	28.56 0.51 0.00	28.28 0.65 0.00	29.06 0.59 0.00	32.41 0.61 -0.62	33.25 0.54 -1.15	45.18 0.73 -2.27	30.67 0.46 -0.90	30.27 0.45 -0.85
COXSACKIE___GT 23611	30.18 2.05 0.00	27.33 1.82 0.00	21.82 1.46 0.00	24.39 1.70 0.00	24.78 1.70 0.00	25.12 1.71 0.00	22.06 1.49 0.00	23.70 1.55 -0.47	27.39 1.67 -0.50	29.77 1.40 -0.26	32.10 1.47 -0.41	34.76 1.51 0.00	35.16 1.70 0.00	41.39 2.04 0.00	34.55 1.72 0.00	31.41 1.62 0.00	29.69 1.64 0.00	29.74 2.10 0.00	30.86 2.40 0.00	33.67 2.50 0.00	34.10 2.54 0.00	45.38 3.20 0.00	31.51 2.20 0.00	31.19 2.21 0.00
CPV_VALLEY___CC1 323721	28.98 0.86 0.00	26.26 0.75 0.00	20.84 0.48 0.00	23.21 0.51 0.00	23.61 0.53 0.00	23.99 0.58 0.00	21.16 0.59 0.00	21.03 0.62 1.28	24.63 0.77 1.36	28.34 0.94 0.70	30.20 1.08 1.10	34.44 1.19 0.00	34.78 1.32 0.00	40.98 1.62 0.00	34.25 1.42 0.00	31.04 1.24 0.00	29.48 1.43 0.00	29.16 1.52 0.00	29.77 1.30 0.00	32.19 1.02 0.00	32.49 0.93 0.00	43.26 1.08 0.00	30.09 0.79 0.00	29.81 0.84 0.00

CPV_VALLEY___CC2 323722	28.98 0.86 0.00	26.26 0.75 0.00	20.84 0.48 0.00	23.21 0.51 0.00	23.61 0.53 0.00	23.99 0.58 0.00	21.16 0.59 0.00	21.03 0.62 1.28	24.63 0.77 1.36	28.34 0.94 0.70	30.20 1.08 1.10	34.44 1.19 0.00	34.78 1.32 0.00	40.98 1.62 0.00	34.25 1.42 0.00	31.04 1.24 0.00	29.48 1.43 0.00	29.16 1.52 0.00	29.77 1.30 0.00	32.19 1.02 0.00	32.49 0.93 0.00	43.26 1.08 0.00	30.09 0.79 0.00	29.81 0.84 0.00
CRESCENT___HYD 24018	29.41 1.28 0.00	26.69 1.18 0.00	21.23 0.87 0.00	23.74 1.05 0.00	24.15 1.07 0.00	24.48 1.07 0.00	21.53 0.95 0.00	23.23 0.97 -0.58	26.96 1.12 -0.62	29.54 1.11 -0.32	32.00 1.28 -0.50	34.52 1.27 0.00	34.82 1.36 0.00	40.86 1.51 0.00	34.10 1.27 0.00	30.95 1.15 0.00	29.35 1.30 0.00	29.12 1.49 0.00	29.88 1.41 0.00	32.51 1.33 0.00	32.89 1.33 0.00	43.79 1.61 0.00	30.52 1.21 0.00	30.25 1.28 0.00
CRICKET___VALLEY_CC1 323756	29.37 1.25 0.00	26.65 1.15 0.00	21.14 0.78 0.00	23.56 0.86 0.00	23.99 0.92 0.00	24.36 0.96 0.00	21.45 0.88 0.00	23.74 0.94 -1.11	27.54 1.14 -1.19	29.93 1.21 -0.61	32.52 1.34 -0.96	34.64 1.39 0.00	34.99 1.53 0.00	41.18 1.82 0.00	34.41 1.58 0.00	31.23 1.43 0.00	29.73 1.68 0.00	29.46 1.83 0.00	30.07 1.60 0.00	32.45 1.28 0.00	32.74 1.18 0.00	43.54 1.36 0.00	30.34 1.03 0.00	30.08 1.11 0.00
CRICKET___VALLEY_CC2 323757	29.37 1.25 0.00	26.65 1.15 0.00	21.14 0.78 0.00	23.56 0.86 0.00	23.99 0.92 0.00	24.36 0.96 0.00	21.45 0.88 0.00	23.74 0.94 -1.11	27.54 1.14 -1.19	29.93 1.21 -0.61	32.52 1.34 -0.96	34.64 1.39 0.00	34.99 1.53 0.00	41.18 1.82 0.00	34.41 1.58 0.00	31.23 1.43 0.00	29.73 1.68 0.00	29.46 1.83 0.00	30.07 1.60 0.00	32.45 1.28 0.00	32.74 1.18 0.00	43.54 1.36 0.00	30.34 1.03 0.00	30.08 1.11 0.00
CRICKET___VALLEY_CC3 323758	29.37 1.25 0.00	26.65 1.15 0.00	21.14 0.78 0.00	23.56 0.86 0.00	23.99 0.92 0.00	24.36 0.96 0.00	21.45 0.88 0.00	23.74 0.94 -1.11	27.54 1.14 -1.19	29.93 1.21 -0.61	32.52 1.34 -0.96	34.64 1.39 0.00	34.99 1.53 0.00	41.18 1.82 0.00	34.41 1.58 0.00	31.23 1.43 0.00	29.73 1.68 0.00	29.46 1.83 0.00	30.07 1.60 0.00	32.45 1.28 0.00	32.74 1.18 0.00	43.54 1.36 0.00	30.34 1.03 0.00	30.08 1.11 0.00
CRUCIBLE_METL_DRP 24180	27.95 -0.17 0.00	25.29 -0.22 0.00	20.14 -0.23 0.00	22.43 -0.26 0.00	22.81 -0.27 0.00	23.16 -0.24 0.00	20.42 -0.16 0.00	21.50 -0.19 0.00	24.99 -0.23 0.00	27.94 -0.17 0.00	30.03 -0.19 0.00	33.08 -0.17 0.00	33.26 -0.20 0.00	39.18 -0.17 0.00	32.70 -0.13 0.00	29.74 -0.05 0.00	28.09 0.04 0.00	27.79 0.16 0.00	28.57 0.10 0.00	32.36 0.08 -1.11	33.62 0.01 -2.05	46.24 0.01 -4.04	30.87 -0.04 -1.61	30.46 -0.04 -1.52
DAHOWA___HYDRO 323763	29.85 1.73 0.00	27.00 1.49 0.00	21.43 1.07 0.00	23.98 1.28 0.00	24.39 1.32 0.00	24.75 1.35 0.00	21.80 1.23 0.00	23.55 1.30 -0.55	27.29 1.47 -0.59	29.92 1.51 -0.30	32.34 1.64 -0.48	34.94 1.69 0.00	35.20 1.74 0.00	41.24 1.89 0.00	34.42 1.59 0.00	31.38 1.58 0.00	29.77 1.72 0.00	29.53 1.90 0.00	30.43 1.96 0.00	33.08 1.91 0.00	33.61 2.04 0.00	44.72 2.54 0.00	31.13 1.82 0.00	30.84 1.87 0.00
DANC___LFGE 323619	28.00 -0.12 0.00	25.29 -0.22 0.00	20.13 -0.23 0.00	22.31 -0.39 0.00	22.67 -0.40 0.00	23.04 -0.36 0.00	20.31 -0.26 0.00	21.39 -0.30 0.00	24.84 -0.38 0.00	27.81 -0.30 0.00	30.02 -0.19 0.00	32.85 -0.40 0.00	32.81 -0.65 0.00	38.63 -0.72 0.00	32.20 -0.63 0.00	29.22 -0.58 0.00	27.57 -0.48 0.00	27.34 -0.29 0.00	28.12 -0.34 0.00	32.15 -0.28 -1.26	33.86 -0.02 -2.32	46.76 0.01 -4.57	30.78 -0.34 -1.82	30.31 -0.37 -1.72
DANSKAMMER___1 23586	29.77 1.65 0.00	26.95 1.45 0.00	21.37 1.01 0.00	23.79 1.10 0.00	24.21 1.13 0.00	24.60 1.20 0.00	21.70 1.13 0.00	23.35 1.21 -0.45	27.18 1.48 -0.48	30.08 1.72 -0.24	32.56 1.96 -0.38	35.43 2.18 0.00	35.80 2.34 0.00	42.18 2.83 0.00	35.20 2.37 0.00	31.92 2.13 0.00	30.36 2.31 0.00	30.06 2.43 0.00	30.65 2.18 0.00	33.09 1.91 0.00	33.37 1.81 0.00	44.39 2.21 0.00	30.87 1.56 0.00	30.55 1.58 0.00
DANSKAMMER___2 23589	29.77 1.65 0.00	26.95 1.45 0.00	21.37 1.01 0.00	23.79 1.10 0.00	24.21 1.13 0.00	24.60 1.20 0.00	21.70 1.13 0.00	23.35 1.21 -0.45	27.18 1.48 -0.48	30.08 1.72 -0.24	32.56 1.96 -0.38	35.43 2.18 0.00	35.80 2.34 0.00	42.18 2.83 0.00	35.20 2.37 0.00	31.92 2.13 0.00	30.36 2.31 0.00	30.06 2.43 0.00	30.65 2.18 0.00	33.09 1.91 0.00	33.37 1.81 0.00	44.39 2.21 0.00	30.87 1.56 0.00	30.55 1.58 0.00
DANSKAMMER___3 23590	29.77 1.65 0.00	26.95 1.45 0.00	21.37 1.01 0.00	23.79 1.10 0.00	24.21 1.13 0.00	24.60 1.20 0.00	21.70 1.13 0.00	23.35 1.21 -0.45	27.18 1.48 -0.48	30.08 1.72 -0.24	32.56 1.96 -0.38	35.43 2.18 0.00	35.80 2.34 0.00	42.18 2.83 0.00	35.20 2.37 0.00	31.92 2.13 0.00	30.36 2.31 0.00	30.06 2.43 0.00	30.65 2.18 0.00	33.09 1.91 0.00	33.37 1.81 0.00	44.39 2.21 0.00	30.87 1.56 0.00	30.55 1.58 0.00
DANSKAMMER___4 23591	29.77 1.65 0.00	26.95 1.45 0.00	21.37 1.01 0.00	23.79 1.10 0.00	24.21 1.13 0.00	24.60 1.20 0.00	21.70 1.13 0.00	23.35 1.21 -0.45	27.18 1.48 -0.48	30.08 1.72 -0.24	32.56 1.96 -0.38	35.43 2.18 0.00	35.80 2.34 0.00	42.18 2.83 0.00	35.20 2.37 0.00	31.92 2.13 0.00	30.36 2.31 0.00	30.06 2.43 0.00	30.65 2.18 0.00	33.09 1.91 0.00	33.37 1.81 0.00	44.39 2.21 0.00	30.87 1.56 0.00	30.55 1.58 0.00
DANSKAMMER___DIESEL 23592	29.77 1.65 0.00	26.95 1.45 0.00	21.37 1.01 0.00	23.80 1.10 0.00	24.21 1.13 0.00	24.60 1.20 0.00	21.71 1.13 0.00	23.35 1.21 -0.45	27.18 1.48 -0.48	30.07 1.72 -0.24	32.56 1.96 -0.38	35.43 2.18 0.00	35.80 2.34 0.00	42.18 2.83 0.00	35.20 2.37 0.00	31.92 2.12 0.00	30.37 2.32 0.00	30.06 2.43 0.00	30.65 2.18 0.00	33.09 1.92 0.00	33.37 1.81 0.00	44.39 2.21 0.00	30.86 1.56 0.00	30.55 1.58 0.00
DARBY___SOLAR 323810	29.79 1.67 0.00	26.96 1.45 0.00	21.41 1.05 0.00	23.94 1.25 0.00	24.37 1.29 0.00	24.71 1.31 0.00	21.76 1.18 0.00	23.50 1.26 -0.56	27.24 1.42 -0.60	29.85 1.44 -0.31	32.28 1.58 -0.48	34.86 1.61 0.00	35.11 1.66 0.00	41.16 1.81 0.00	34.35 1.52 0.00	31.30 1.50 0.00	29.70 1.65 0.00	29.47 1.84 0.00	30.33 1.87 0.00	32.98 1.81 0.00	33.48 1.92 0.00	44.57 2.39 0.00	31.03 1.72 0.00	30.75 1.78 0.00
DASHVILLE___HYD 23610	29.28 1.16 0.00	26.53 1.03 0.00	21.03 0.67 0.00	23.42 0.72 0.00	23.83 0.75 0.00	24.20 0.80 0.00	21.34 0.77 0.00	22.50 0.82 0.00	26.24 1.02 0.00	29.38 1.27 0.00	31.68 1.46 0.00	34.86 1.61 0.00	35.24 1.78 0.00	41.56 2.20 0.00	34.72 1.89 0.00	31.44 1.64 0.00	29.89 1.84 0.00	29.57 1.93 0.00	30.07 1.60 0.00	32.43 1.25 0.00	32.71 1.15 0.00	43.53 1.35 0.00	30.31 1.00 0.00	30.02 1.05 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	31.58 3.46 0.00	28.57 3.07 0.00	22.58 2.22 0.00	25.01 2.32 0.00	25.46 2.39 0.00	25.92 2.51 0.00	22.99 2.42 0.00	26.55 2.46 -2.41	30.95 3.16 -2.58	33.21 3.77 -1.32	44.28 4.44 -9.63	55.91 4.99 -17.67	101.93 5.16 -63.31	68.32 6.04 -22.93	43.21 4.94 -5.44	33.68 3.88 0.00	32.04 3.99 0.00	31.78 4.15 0.00	32.46 3.99 0.00	34.95 3.77 0.00	35.49 3.93 0.00	47.67 5.49 0.00	33.34 4.03 0.00	33.02 4.05 0.00
DELAWARE___LFGE 323621	28.96 0.84 0.00	26.26 0.76 0.00	20.92 0.56 0.00	23.35 0.66 0.00	23.72 0.65 0.00	24.04 0.64 0.00	21.14 0.57 0.00	22.29 0.61 0.00	25.97 0.75 0.00	28.99 0.88 0.00	31.17 0.95 0.00	34.29 1.04 0.00	34.54 1.09 0.00	40.68 1.32 0.00	33.95 1.12 0.00	30.78 0.99 0.00	29.16 1.10 0.00	28.81 1.18 0.00	29.56 1.09 0.00	32.41 1.03 -0.21	32.91 0.97 -0.38	44.19 1.26 -0.75	30.48 0.87 -0.30	30.12 0.87 -0.28
DERFIELD_115KV_TB7 355931	28.15 0.03 0.00	25.51 0.01 0.00	20.36 0.00 0.00	22.70 0.00 0.00	23.05 -0.02 0.00	23.38 -0.02 0.00	20.57 -0.01 0.00	21.69 0.00 0.00	25.22 0.00 0.00	28.11 0.00 0.00	30.25 0.03 0.00	33.28 0.03 0.00	33.49 0.03 0.00	39.41 0.05 0.00	32.88 0.05 0.00	29.84 0.04 0.00	28.15 0.10 0.00	27.77 0.14 0.00	28.58 0.11 0.00	31.23 0.06 0.00	31.60 0.04 0.00	42.20 0.02 0.00	29.32 0.01 0.00	28.99 0.02 0.00
DOGLEVILLE___HYD 23807	28.07 -0.05 0.00	25.37 -0.14 0.00	20.17 -0.19 0.00	22.59 -0.11 0.00	22.95 -0.12 0.00	23.27 -0.13 0.00	20.47 -0.11 0.00	21.53 -0.16 0.00	25.04 -0.18 0.00	27.82 -0.29 0.00	29.97 -0.25 0.00	32.99 -0.26 0.00	33.21 -0.25 0.00	39.22 -0.13 0.00	32.73 -0.09 0.00	29.67 -0.12 0.00	28.17 0.12 0.00	28.06 0.42 0.00	28.78 0.32 0.00	31.23 0.06 0.00	31.51 -0.05 0.00	42.04 -0.14 0.00	29.28 -0.03 0.00	28.99 0.02 0.00
DUNKIRK___115KV_TB_200 55889	28.72 0.59 0.00	25.82 0.31 0.00	20.27 -0.09 0.00	22.65 -0.05 0.00	22.87 -0.20 0.00	23.35 -0.05 0.00	20.68 0.11 0.00	21.80 0.11 0.00	25.43 0.21 0.00	28.64 0.53 0.00	30.72 0.50 0.00	34.07 0.82 0.00	33.91 0.45 0.00	39.86 0.51 0.00	33.12 0.29 0.00	30.24 0.44 0.00	28.85 0.81 0.00	28.74 1.11 0.00	29.47 1.00 0.00	32.15 0.97 0.00	32.27 0.71 0.00	43.45 1.27 0.00	30.21 0.91 0.00	29.83 0.87 0.00
DUNKIRK___1 23563	28.72 0.59 0.00	25.82 0.31 0.00	20.27 -0.09 0.00	22.65 -0.05 0.00	22.87 -0.20 0.00	23.35 -0.05 0.00	20.68 0.11 0.00	21.80 0.11 0.00	25.43 0.21 0.00	28.64 0.53 0.00	30.72 0.50 0.00	34.07 0.82 0.00	33.91 0.45 0.00	39.86 0.51 0.00	33.12 0.29 0.00	30.24 0.44 0.00	28.85 0.81 0.00	28.74 1.11 0.00	29.47 1.00 0.00	32.15 0.97 0.00	32.27 0.71 0.00	43.45 1.27 0.00	30.21 0.91 0.00	29.83 0.87 0.00
DUNKIRK___2 23564	28.72 0.59 0.00	25.82 0.31 0.00	20.27 -0.09 0.00	22.65 -0.05 0.00	22.87 -0.20 0.00	23.35 -0.05 0.00	20.68 0.11 0.00	21.80 0.11 0.00	25.43 0.21 0.00	28.64 0.53 0.00	30.72 0.50 0.00	34.07 0.82 0.00	33.91 0.45 0.00	39.86 0.51 0.00	33.12 0.29 0.00	30.24 0.44 0.00	28.85 0.81 0.00	28.74 1.11 0.00	29.47 1.00 0.00	32.15 0.97 0.00	32.27 0.71 0.00	43.45 1.27 0.00	30.21 0.91 0.00	29.83 0.87 0.00
DUNKIRK___3 23565	28.59 0.47 0.00	25.71 0.20 0.00	20.23 -0.13 0.00	22.58 -0.12 0.00	22.81 -0.26 0.00	23.30 -0.10 0.00	20.62 0.04 0.00	21.71 0.02 0.00	25.29 0.07 0.00	28.48 0.37 0.00	30.49 0.27 0.00	33.76 0.51 0.00	33.58 0.12 0.00	39.44 0.08 0.00	32.78 -0.05 0.00	29.93 0.13 0.00	28.56 0.51 0.00	28.44 0.81 0.00	29.18 0.71 0.00	31.84 0.66 0.00	31.96 0.40 0.00	43.05 0.87 0.00	30.01 0.70 0.00	29.70 0.73 0.00
DUNKIRK___4 23566	28.59 0.47 0.00	25.71 0.20 0.00	20.23 -0.13 0.00	22.58 -0.12 0.00	22.81 -0.26 0.00	23.30 -0.10 0.00	20.62 0.04 0.00	21.71 0.02 0.00	25.29 0.07 0.00	28.48 0.37 0.00	30.49 0.27 0.00	33.76 0.51 0.00	33.58 0.12 0.00	39.44 0.08 0.00	32.78 -0.05 0.00	29.93 0.13 0.00	28.56 0.51 0.00	28.44 0.81 0.00	29.18 0.71 0.00	31.84 0.66 0.00	31.96 0.40 0.00	43.05 0.87 0.00	30.01 0.70 0.00	29.70 0.73 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.63 1.51 0.00	26.84 1.33 0.00	21.26 0.90 0.00	23.66 0.97 0.00	24.07 0.99 0.00	24.48 1.08 0.00	21.63 1.05 0.00	25.24 1.13 -2.43	29.21 1.40 -2.59	31.10 1.66 -1.33	34.20 1.88 -2.10	35.32 2.07 0.00	35.69 2.23 0.00	42.05 2.69 0.00	35.16 2.32 0.00	31.84 2.04 0.00	30.28 2.23 0.00	29.94 2.31 0.00	30.49 2.02 0.00	32.85 1.68 0.00	33.12 1.56 0.00	44.08 1.90 0.00	30.70 1.39 0.00	30.42 1.45 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.55 1.43 0.00	26.77 1.25 0.00	21.21 0.85 0.00	23.62 0.92 0.00	24.02 0.95 0.00	24.42 1.01 0.00	21.54 0.97 0.00	22.72 1.04 0.00	26.48 1.26 0.00	29.59 1.48 0.00	31.91 1.69 0.00	35.13 1.88 0.00	35.49 2.03 0.00	41.81 2.46 0.00	34.80 1.97 0.00	31.54 1.75 0.00	29.99 1.94 0.00	29.69 2.06 0.00	30.28 1.81 0.00	32.70 1.53 0.00	33.00 1.44 0.00	43.93 1.75 0.00	30.55 1.24 0.00	30.25 1.28 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.55 1.43 0.00	26.77 1.26 0.00	21.21 0.85 0.00	23.60 0.90 0.00	24.01 0.94 0.00	24.44 1.04 0.00	21.62 1.05 0.00	25.21 1.09 -2.43	29.17 1.35 -2.60	31.13 1.69 -1.33	34.32 2.01 -2.10	35.45 2.19 -0.01	35.84 2.37 -0.01	42.22 2.86 0.00	35.32 2.49 0.00	31.94 2.14 0.00	30.37 2.32 0.00	30.03 2.40 0.00	30.55 2.08 0.00	32.95 1.78 0.00	33.27 1.71 0.00	44.30 2.12 0.00	30.83 1.53 0.00	30.54 1.57 0.00
E179THST_13_KV_LOAD 356214	29.72 1.59 0.00	26.91 1.41 0.00	21.31 0.95 0.00	23.71 1.02 0.00	24.13 1.05 0.00	24.56 1.15 0.00	21.73 1.16 0.00	25.33 1.21 -2.43	29.32 1.50 -2.60	31.30 1.86 -1.33	34.51 2.19 -2.10	35.66 2.41 -0.01	36.05 2.59 -0.01	42.46 3.11 0.00	35.54 2.70 0.00	32.12 2.33 0.00	30.55 2.50 0.00	30.21 2.58 0.00	30.73 2.27 0.00	33.15 1.97 0.00	33.45 1.90 0.00	44.55 2.37 0.00	31.01 1.71 0.00	30.70 1.73 0.00
EAST HAMPTON___GT 23717	32.10 3.97 0.00	29.02 3.52 0.00	22.92 2.56 0.00	25.38 2.69 0.00	25.87 2.79 0.00	26.31 2.91 0.00	23.40 2.82 0.00	26.92 2.83 -2.41	31.41 3.61 -2.58	33.77 4.35 -1.32	44.94 5.09 -9.63	56.70 5.78 -17.67	102.72 5.94 -63.32	69.20 6.92 -22.93	43.86 5.60 -5.44	34.31 4.51 0.00	32.68 4.63 0.00	32.42 4.79 0.00	33.12 4.65 0.00	35.65 4.48 0.00	36.16 4.60 0.00	48.61 6.43 0.00	34.09 4.78 0.00	33.67 4.70 0.00
EAST RIVER___6 23660	29.70 1.58 0.00	26.88 1.37 0.00	21.28 0.92 0.00	23.69 0.99 0.00	24.09 1.02 0.00	24.49 1.09 0.00	21.67 1.09 0.00	25.31 1.19 -2.43	29.31 1.50 -2.60	31.28 1.84 -1.33	34.38 2.07 -2.10	35.54 2.29 0.00	35.95 2.49 0.00	42.45 3.09 0.00	35.54 2.71 0.00	32.17 2.37 0.00	30.59 2.54 0.00	30.23 2.60 0.00	30.72 2.25 0.00	33.05 1.88 0.00	33.30 1.74 0.00	44.29 2.11 0.00	30.85 1.54 0.00	30.54 1.57 0.00

EAST RIVER___7 23524	29.70 1.58 0.00	26.88 1.37 0.00	21.28 0.92 0.00	23.69 0.99 0.00	24.09 1.02 0.00	24.49 1.09 0.00	21.67 1.09 0.00	25.31 1.19 -2.43	29.31 1.50 -2.60	31.28 1.84 -1.33	34.38 2.07 -2.10	35.54 2.29 0.00	35.95 2.49 0.00	42.45 3.09 0.00	35.54 2.71 0.00	32.17 2.37 0.00	30.59 2.54 0.00	30.23 2.60 0.00	30.72 2.25 0.00	33.05 1.88 0.00	33.30 1.74 0.00	44.29 2.11 0.00	30.85 1.54 0.00	30.54 1.57 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.55 1.43 0.00	26.77 1.26 0.00	21.20 0.84 0.00	23.60 0.91 0.00	24.01 0.94 0.00	24.42 1.02 0.00	21.57 0.99 0.00	25.33 1.06 -2.58	29.29 1.31 -2.76	31.10 1.58 -1.42	34.24 1.79 -2.23	35.22 1.97 0.00	35.59 2.13 0.00	41.94 2.58 0.00	35.06 2.23 0.00	31.75 1.95 0.00	30.19 2.15 0.00	29.86 2.23 0.00	30.42 1.95 0.00	32.78 1.61 0.00	33.06 1.50 0.00	43.99 1.81 0.00	30.63 1.33 0.00	30.36 1.39 0.00
EAST_HAMPTON___DIESEL 23722	32.10 3.98 0.00	29.03 3.52 0.00	22.92 2.56 0.00	25.38 2.69 0.00	25.87 2.79 0.00	26.31 2.91 0.00	23.40 2.82 0.00	26.92 2.83 -2.41	31.41 3.61 -2.58	33.78 4.35 -1.32	44.95 5.10 -9.63	56.71 5.79 -17.67	102.73 5.95 -63.32	69.21 6.92 -22.93	43.87 5.61 -5.44	34.33 4.53 0.00	32.69 4.64 0.00	32.44 4.80 0.00	33.13 4.66 0.00	35.66 4.49 0.00	36.17 4.61 0.00	48.62 6.44 0.00	34.09 4.79 0.00	33.67 4.70 0.00
EAST_PULASKI___ESR 323781	27.70 -0.43 0.00	25.07 -0.43 0.00	19.98 -0.38 0.00	22.19 -0.50 0.00	22.56 -0.52 0.00	22.91 -0.49 0.00	20.20 -0.38 0.00	21.27 -0.42 0.00	24.65 -0.57 0.00	27.53 -0.58 0.00	29.65 -0.57 0.00	32.54 -0.71 0.00	32.62 -0.84 0.00	38.44 -0.92 0.00	32.04 -0.79 0.00	29.10 -0.70 0.00	27.49 -0.56 0.00	27.21 -0.42 0.00	27.98 -0.49 0.00	32.43 -0.51 -1.77	34.41 -0.41 -3.26	48.13 -0.48 -6.43	31.38 -0.49 -2.56	30.93 -0.46 -2.41
EAST_RIVER___1 323558	29.66 1.53 0.00	26.84 1.34 0.00	21.26 0.90 0.00	23.65 0.96 0.00	24.06 0.99 0.00	24.47 1.07 0.00	21.64 1.07 0.00	25.27 1.15 -2.43	29.26 1.45 -2.60	31.20 1.77 -1.33	34.30 1.99 -2.10	35.44 2.19 0.00	35.85 2.39 0.00	42.26 2.90 0.00	35.36 2.53 0.00	32.02 2.22 0.00	30.45 2.41 0.00	30.09 2.46 0.00	30.61 2.14 0.00	32.93 1.76 0.00	33.20 1.64 0.00	44.17 2.00 0.00	30.79 1.48 0.00	30.50 1.53 0.00
EAST_RIVER___2 323559	29.70 1.58 0.00	26.88 1.37 0.00	21.28 0.92 0.00	23.69 0.99 0.00	24.09 1.02 0.00	24.49 1.09 0.00	21.67 1.09 0.00	25.31 1.19 -2.43	29.31 1.50 -2.60	31.28 1.84 -1.33	34.38 2.07 -2.10	35.54 2.29 0.00	35.95 2.49 0.00	42.45 3.09 0.00	35.54 2.71 0.00	32.17 2.37 0.00	30.59 2.54 0.00	30.23 2.60 0.00	30.72 2.25 0.00	33.05 1.88 0.00	33.30 1.74 0.00	44.29 2.11 0.00	30.85 1.54 0.00	30.54 1.57 0.00
EAST___DELAWARE_HYD 23607	29.10 0.97 0.00	26.33 0.82 0.00	20.87 0.51 0.00	23.21 0.52 0.00	23.61 0.54 0.00	23.98 0.58 0.00	21.17 0.60 0.00	22.32 0.63 0.00	25.95 0.73 0.00	28.89 0.78 0.00	31.12 0.90 0.00	34.29 1.04 0.00	34.68 1.22 0.00	40.82 1.47 0.00	33.30 0.48 0.00	30.18 0.39 0.00	28.93 0.88 0.00	28.76 1.13 0.00	29.41 0.94 0.00	31.90 0.73 0.00	32.79 1.23 0.00	43.57 1.39 0.00	30.23 0.92 0.00	29.88 0.91 0.00
EIGHT_POINT___WT_PWR 323820	28.51 0.39 0.00	25.56 0.05 0.00	20.17 -0.19 0.00	22.43 -0.26 0.00	22.58 -0.49 0.00	23.17 -0.23 0.00	20.23 -0.35 0.00	21.26 -0.43 0.00	25.08 -0.14 0.00	28.30 0.19 0.00	30.52 0.30 0.00	33.70 0.44 0.00	33.56 0.10 0.00	39.76 0.41 0.00	33.17 0.34 0.00	30.19 0.40 0.00	28.65 0.60 0.00	28.40 0.76 0.00	29.04 0.57 0.00	32.05 0.65 -0.22	32.24 0.27 -0.41	43.47 0.48 -0.81	29.85 0.22 -0.32	29.66 0.38 -0.30
ELBRIDGE_115KV_TB2 80188	27.91 -0.21 0.00	25.25 -0.26 0.00	20.09 -0.27 0.00	22.40 -0.30 0.00	22.75 -0.33 0.00	23.12 -0.28 0.00	20.39 -0.18 0.00	21.46 -0.23 0.00	24.96 -0.26 0.00	27.87 -0.24 0.00	29.91 -0.31 0.00	32.96 -0.29 0.00	33.12 -0.33 0.00	38.98 -0.38 0.00	32.56 -0.27 0.00	29.62 -0.18 0.00	28.00 -0.05 0.00	27.72 0.09 0.00	28.50 0.04 0.00	32.38 0.02 -1.19	33.69 -0.06 -2.19	46.42 -0.07 -4.31	30.92 -0.10 -1.72	30.51 -0.08 -1.62
ELEC_TRO_TEK 24086	29.95 1.83 0.00	27.16 1.65 0.00	21.50 1.14 0.00	23.88 1.18 0.00	24.30 1.23 0.00	24.72 1.32 0.00	21.82 1.25 0.00	25.39 1.30 -2.41	29.44 1.65 -2.58	31.42 1.99 -1.32	42.17 2.32 -9.63	43.58 2.51 -7.82	51.60 2.66 -15.48	44.47 3.22 -1.89	40.73 2.74 -5.16	31.96 2.16 0.00	30.45 2.40 0.00	30.15 2.52 0.00	30.69 2.22 0.00	33.07 1.90 0.00	33.45 1.89 0.00	44.57 2.39 0.00	31.05 1.75 0.00	30.79 1.82 0.00
ELLENBURG_WT_PWR 323604	28.31 0.19 0.00	25.70 0.19 0.00	20.60 0.25 0.00	23.01 0.31 0.00	23.46 0.39 0.00	23.78 0.38 0.00	20.92 0.35 0.00	22.00 0.32 0.00	25.55 0.33 0.00	28.39 0.28 0.00	30.50 0.28 0.00	33.67 0.42 0.00	33.85 0.39 0.00	39.73 0.38 0.00	33.09 0.26 0.00	30.09 0.30 0.00	28.02 -0.02 0.00	27.55 -0.08 0.00	28.53 0.07 0.00	31.34 0.17 0.00	31.92 0.36 0.00	42.82 0.64 0.00	29.74 0.43 0.00	29.24 0.27 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.35 0.23 0.00	25.55 0.04 0.00	20.18 -0.18 0.00	22.42 -0.28 0.00	22.69 -0.39 0.00	23.16 -0.24 0.00	20.45 -0.13 0.00	21.51 -0.17 0.00	24.98 -0.24 0.00	28.16 0.06 0.00	30.04 -0.18 0.00	33.22 -0.03 0.00	33.02 -0.44 0.00	38.62 -0.73 0.00	32.11 -0.72 0.00	29.38 -0.42 0.00	28.01 -0.04 0.00	27.89 0.25 0.00	28.69 0.23 0.00	31.33 0.15 0.00	31.44 -0.11 0.00	42.37 0.19 0.00	29.64 0.34 0.00	29.44 0.47 0.00
EMPIRE_CC_1 323656	29.01 0.89 0.00	26.37 0.86 0.00	21.05 0.69 0.00	23.54 0.84 0.00	23.94 0.86 0.00	24.25 0.84 0.00	21.31 0.74 0.00	23.12 0.74 -0.68	26.77 0.82 -0.73	29.15 0.66 -0.37	31.61 0.80 -0.59	33.98 0.73 0.00	34.29 0.83 0.00	40.24 0.88 0.00	33.59 0.76 0.00	30.45 0.65 0.00	28.88 0.83 0.00	28.64 1.01 0.00	29.35 0.88 0.00	31.90 0.73 0.00	32.29 0.73 0.00	42.94 0.77 0.00	30.02 0.72 0.00	29.80 0.82 0.00
EMPIRE_CC_2 323658	29.01 0.89 0.00	26.37 0.86 0.00	21.05 0.69 0.00	23.54 0.84 0.00	23.94 0.86 0.00	24.25 0.84 0.00	21.31 0.74 0.00	23.12 0.74 -0.68	26.77 0.82 -0.73	29.15 0.66 -0.37	31.61 0.80 -0.59	33.98 0.73 0.00	34.29 0.83 0.00	40.24 0.88 0.00	33.59 0.76 0.00	30.45 0.65 0.00	28.88 0.83 0.00	28.64 1.01 0.00	29.35 0.88 0.00	31.90 0.73 0.00	32.29 0.73 0.00	42.94 0.77 0.00	30.02 0.72 0.00	29.80 0.82 0.00
ENORWICH_115KV_TB1 80156	29.97 1.84 0.00	26.99 1.48 0.00	21.36 1.00 0.00	23.80 1.10 0.00	24.15 1.07 0.00	24.56 1.16 0.00	21.69 1.12 0.00	22.91 1.22 0.00	26.70 1.47 0.00	29.86 1.75 0.00	31.97 1.74 0.00	35.20 1.95 0.00	35.34 1.88 0.00	41.78 2.43 0.00	34.95 2.12 0.00	31.77 1.97 0.00	30.16 2.11 0.00	29.97 2.34 0.00	30.88 2.42 0.00	34.30 2.68 -0.45	35.05 2.66 -0.83	47.31 3.50 -1.64	32.08 2.13 -0.65	31.51 1.92 -0.62

ERIE_ST__34_KV_TB1-2 80199	28.63 0.50 0.00	25.75 0.25 0.00	20.33 -0.03 0.00	22.60 -0.09 0.00	22.88 -0.20 0.00	23.36 -0.04 0.00	20.64 0.07 0.00	21.74 0.06 0.00	25.30 0.08 0.00	28.54 0.43 0.00	30.44 0.22 0.00	33.67 0.42 0.00	33.47 0.01 0.00	39.17 -0.18 0.00	32.62 -0.21 0.00	29.83 0.03 0.00	28.45 0.40 0.00	28.33 0.69 0.00	29.11 0.64 0.00	31.78 0.60 0.00	31.88 0.32 0.00	42.95 0.77 0.00	30.01 0.71 0.00	29.78 0.81 0.00
ERIE_WT_PWR 323693	28.51 0.39 0.00	25.68 0.17 0.00	20.28 -0.08 0.00	22.54 -0.15 0.00	22.80 -0.27 0.00	23.28 -0.12 0.00	20.54 -0.03 0.00	21.61 -0.07 0.00	25.13 -0.09 0.00	28.33 0.22 0.00	30.26 0.04 0.00	33.46 0.21 0.00	33.27 -0.18 0.00	38.95 -0.40 0.00	32.38 -0.45 0.00	29.61 -0.19 0.00	28.22 0.18 0.00	28.11 0.48 0.00	28.90 0.44 0.00	31.56 0.39 0.00	31.68 0.12 0.00	42.69 0.51 0.00	29.84 0.53 0.00	29.62 0.65 0.00
ESPRGFLD_115KV_TB1 80157	29.86 1.74 0.00	27.05 1.55 0.00	21.55 1.19 0.00	23.95 1.26 0.00	24.32 1.25 0.00	24.71 1.30 0.00	21.78 1.21 0.00	23.01 1.32 0.00	26.76 1.54 0.00	29.90 1.79 0.00	31.98 1.76 0.00	35.16 1.91 0.00	35.48 2.02 0.00	41.77 2.42 0.00	34.87 2.04 0.00	31.66 1.87 0.00	29.89 1.84 0.00	29.42 1.79 0.00	30.38 1.91 0.00	33.23 2.06 0.00	33.65 2.08 0.00	45.07 2.89 0.00	31.23 1.93 0.00	30.77 1.80 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.65 0.52 0.00	25.87 0.36 0.00	20.55 0.19 0.00	22.92 0.23 0.00	23.27 0.20 0.00	23.67 0.27 0.00	20.87 0.29 0.00	21.97 0.29 0.00	25.55 0.33 0.00	28.53 0.42 0.00	30.60 0.38 0.00	33.68 0.43 0.00	33.83 0.37 0.00	39.90 0.55 0.00	33.33 0.50 0.00	30.32 0.52 0.00	28.75 0.70 0.00	28.50 0.87 0.00	29.31 0.84 0.00	32.72 0.92 -0.63	33.57 0.86 -1.15	45.60 1.15 -2.27	30.94 0.73 -0.90	30.52 0.70 -0.85
ETNA____115KV_TB2 80207	28.65 0.52 0.00	25.87 0.36 0.00	20.55 0.19 0.00	22.92 0.23 0.00	23.27 0.20 0.00	23.67 0.27 0.00	20.87 0.29 0.00	21.97 0.29 0.00	25.55 0.33 0.00	28.53 0.42 0.00	30.60 0.38 0.00	33.68 0.43 0.00	33.83 0.37 0.00	39.90 0.55 0.00	33.33 0.50 0.00	30.32 0.52 0.00	28.75 0.70 0.00	28.50 0.87 0.00	29.31 0.84 0.00	32.72 0.92 -0.63	33.57 0.86 -1.15	45.60 1.15 -2.27	30.94 0.73 -0.90	30.52 0.70 -0.85
EUCLID____115KV_TB2 356179	27.65 -0.47 0.00	25.03 -0.48 0.00	19.95 -0.41 0.00	22.20 -0.49 0.00	22.57 -0.51 0.00	22.91 -0.49 0.00	20.19 -0.38 0.00	21.27 -0.42 0.00	24.71 -0.51 0.00	27.61 -0.50 0.00	29.70 -0.52 0.00	32.69 -0.56 0.00	32.86 -0.59 0.00	38.70 -0.66 0.00	32.28 -0.55 0.00	29.35 -0.45 0.00	27.75 -0.31 0.00	27.43 -0.20 0.00	28.21 -0.26 0.00	31.36 -0.32 -0.51	32.13 -0.38 -0.95	43.54 -0.51 -1.87	29.67 -0.38 -0.74	29.30 -0.37 -0.70
E_CANADA_CAP_HY 24051	30.40 2.28 0.00	27.55 2.04 0.00	21.96 1.60 0.00	24.38 1.68 0.00	24.78 1.70 0.00	25.17 1.77 0.00	22.22 1.64 0.00	23.84 1.76 -0.39	27.62 1.98 -0.42	30.49 2.17 -0.21	32.60 2.05 -0.34	35.43 2.18 0.00	35.80 2.35 0.00	42.09 2.73 0.00	35.15 2.32 0.00	31.98 2.18 0.00	30.16 2.11 0.00	29.69 2.05 0.00	30.75 2.28 0.00	33.67 2.50 0.00	34.15 2.59 0.00	45.84 3.66 0.00	31.78 2.47 0.00	31.30 2.33 0.00
E_CANADA_MHWK_HY 24050	28.07 -0.05 0.00	25.37 -0.14 0.00	20.17 -0.19 0.00	22.59 -0.11 0.00	22.95 -0.12 0.00	23.27 -0.13 0.00	20.47 -0.11 0.00	21.53 -0.16 0.00	25.04 -0.18 0.00	27.82 -0.29 0.00	29.97 -0.25 0.00	32.99 -0.26 0.00	33.21 -0.25 0.00	39.22 -0.13 0.00	32.73 -0.09 0.00	29.67 -0.12 0.00	28.17 0.12 0.00	28.06 0.42 0.00	28.78 0.32 0.00	31.23 0.06 0.00	31.51 -0.05 0.00	42.04 -0.14 0.00	29.28 -0.03 0.00	28.99 0.02 0.00
E_FISHKILL____LBMP 23776	29.42 1.30 0.00	26.67 1.16 0.00	21.15 0.79 0.00	23.56 0.86 0.00	23.96 0.89 0.00	24.35 0.94 0.00	21.47 0.90 0.00	23.60 0.95 -0.96	27.42 1.17 -1.02	29.99 1.36 -0.52	32.58 1.54 -0.83	34.92 1.67 0.00	35.27 1.81 0.00	41.53 2.18 0.00	34.72 1.89 0.00	31.46 1.66 0.00	29.90 1.85 0.00	29.59 1.96 0.00	30.18 1.71 0.00	32.58 1.40 0.00	32.87 1.31 0.00	43.74 1.56 0.00	30.46 1.15 0.00	30.20 1.23 0.00
FALCON____SEABRD_CC1 323796	28.62 0.50 0.00	25.94 0.44 0.00	20.79 0.43 0.00	23.24 0.54 0.00	23.69 0.62 0.00	24.02 0.62 0.00	21.19 0.62 0.00	22.66 0.62 0.00	26.25 1.03 0.00	29.07 0.96 0.00	31.38 1.16 0.00	34.21 0.96 0.00	34.24 0.78 0.00	40.20 0.84 0.00	33.47 0.64 0.00	30.48 0.68 0.00	28.36 0.31 0.00	27.96 0.33 0.00	28.95 0.48 0.00	31.71 0.54 0.00	32.35 0.79 0.00	43.36 1.18 0.00	30.12 0.81 0.00	29.63 0.66 0.00
FALCON____SEABRD_CC2 323797	28.62 0.50 0.00	25.94 0.44 0.00	20.79 0.43 0.00	23.24 0.54 0.00	23.69 0.62 0.00	24.02 0.62 0.00	21.19 0.62 0.00	22.66 0.97 0.00	26.25 1.03 0.00	29.07 0.96 0.00	31.38 1.16 0.00	34.21 0.96 0.00	34.24 0.78 0.00	40.20 0.84 0.00	33.47 0.64 0.00	30.48 0.68 0.00	28.36 0.31 0.00	27.96 0.33 0.00	28.95 0.48 0.00	31.71 0.54 0.00	32.35 0.79 0.00	43.36 1.18 0.00	30.12 0.81 0.00	29.63 0.66 0.00
FAR ROCKAWAY____4 23548	30.37 2.25 0.00	27.50 1.99 0.00	21.74 1.38 0.00	24.15 1.45 0.00	24.57 1.49 0.00	24.88 1.48 0.00	21.88 1.31 0.00	25.57 1.47 -2.41	29.54 1.75 -2.58	31.62 2.19 -1.32	42.43 2.58 -9.63	43.77 2.69 -7.82	52.00 3.06 -15.48	45.02 3.78 -1.89	41.37 3.32 -5.22	32.46 2.66 0.00	30.92 2.87 0.00	30.59 2.96 0.00	30.96 2.50 0.00	33.22 2.04 0.00	33.58 2.02 0.00	44.70 2.51 0.00	31.12 1.82 0.00	30.87 1.90 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.68 1.55 0.00	26.86 1.36 0.00	21.27 0.91 0.00	23.66 0.97 0.00	24.07 1.00 0.00	24.49 1.09 0.00	21.67 1.09 0.00	25.29 1.17 -2.43	29.29 1.47 -2.60	31.23 1.79 -1.33	34.33 2.02 -2.10	35.47 2.22 0.00	35.86 2.40 0.00	42.26 2.91 0.00	35.35 2.52 0.00	32.02 2.22 0.00	30.45 2.40 0.00	30.08 2.45 0.00	30.61 2.15 0.00	32.94 1.77 0.00	33.21 1.64 0.00	44.19 2.02 0.00	30.79 1.48 0.00	30.51 1.54 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.70 1.57 0.00	26.88 1.38 0.00	21.28 0.92 0.00	23.68 0.99 0.00	24.09 1.01 0.00	24.51 1.10 0.00	21.67 1.10 0.00	25.30 1.18 -2.43	29.29 1.48 -2.60	31.24 1.80 -1.33	34.34 2.03 -2.10	35.49 2.24 0.00	35.87 2.41 0.00	42.27 2.92 0.00	35.36 2.54 0.00	32.03 2.23 0.00	30.47 2.42 0.00	30.11 2.48 0.00	30.63 2.16 0.00	32.96 1.79 0.00	33.23 1.67 0.00	44.22 2.04 0.00	30.81 1.51 0.00	30.54 1.57 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.66 1.54 0.00	26.85 1.34 0.00	21.26 0.90 0.00	23.66 0.96 0.00	24.06 0.99 0.00	24.48 1.08 0.00	21.65 1.08 0.00	25.28 1.16 -2.43	29.27 1.45 -2.60	31.22 1.78 -1.33	34.31 1.99 -2.10	35.44 2.19 0.00	35.84 2.38 0.00	42.22 2.87 0.00	35.32 2.49 0.00	31.99 2.19 0.00	30.42 2.38 0.00	30.07 2.44 0.00	30.59 2.12 0.00	32.92 1.75 0.00	33.18 1.62 0.00	44.16 1.98 0.00	30.77 1.46 0.00	30.49 1.52 0.00

FARRAGUT___LBMP 323566	29.63 1.51 0.00	26.83 1.32 0.00	21.24 0.88 0.00	23.64 0.94 0.00	24.04 0.97 0.00	24.46 1.06 0.00	21.63 1.06 0.00	25.26 1.14 -2.43	29.24 1.42 -2.60	31.18 1.74 -1.33	34.27 1.96 -2.10	35.40 2.15 0.00	35.79 2.33 0.00	42.18 2.83 0.00	35.29 2.46 0.00	31.96 2.16 0.00	30.39 2.34 0.00	30.03 2.40 0.00	30.56 2.09 0.00	32.89 1.71 0.00	33.16 1.60 0.00	44.12 1.94 0.00	30.74 1.44 0.00	30.47 1.49 0.00
FENNER___WINDPWR 24204	28.55 0.42 0.00	25.82 0.31 0.00	20.53 0.17 0.00	22.86 0.16 0.00	23.20 0.13 0.00	23.58 0.18 0.00	20.76 0.18 0.00	21.88 0.19 0.00	25.47 0.25 0.00	28.50 0.39 0.00	30.66 0.45 0.00	33.76 0.51 0.00	33.99 0.53 0.00	40.10 0.74 0.00	33.41 0.58 0.00	30.36 0.56 0.00	28.69 0.64 0.00	28.41 0.78 0.00	29.18 0.71 0.00	32.40 0.75 -0.48	33.18 0.75 -0.87	44.84 0.94 -1.72	30.50 0.51 -0.68	30.06 0.44 -0.65
FIBERTEK___ENERGY 23856	27.95 -0.17 0.00	25.29 -0.22 0.00	20.14 -0.23 0.00	22.43 -0.26 0.00	22.81 -0.27 0.00	23.16 -0.24 0.00	20.42 -0.16 0.00	21.50 -0.19 0.00	24.99 -0.23 0.00	27.94 -0.17 0.00	30.03 -0.19 0.00	33.08 -0.17 0.00	33.26 -0.20 0.00	39.18 -0.17 0.00	32.70 -0.13 0.00	29.74 -0.05 0.00	28.09 0.04 0.00	27.79 0.16 0.00	28.57 0.10 0.00	32.36 0.08 -1.11	33.62 0.01 -2.05	46.24 0.01 -4.04	30.87 -0.04 -1.61	30.46 -0.04 -1.52
FITZPATRICK____ 23598	27.21 -0.91 0.00	24.66 -0.85 0.00	19.67 -0.69 0.00	21.89 -0.81 0.00	22.25 -0.82 0.00	22.58 -0.82 0.00	19.90 -0.68 0.00	20.97 -0.72 0.00	24.35 -0.87 0.00	27.18 -0.92 0.00	29.22 -1.00 0.00	32.16 -1.09 0.00	32.33 -1.13 0.00	38.03 -1.32 0.00	31.73 -1.10 0.00	28.84 -0.96 0.00	27.24 -0.81 0.00	26.92 -0.72 0.00	27.68 -0.78 0.00	24.21 -0.86 6.10	19.42 -0.91 11.23	18.85 -1.19 22.13	19.65 -0.86 8.81	19.82 -0.84 8.31
FLOWRFLD_69_KV_BK1 356044	30.62 2.50 0.00	27.75 2.25 0.00	21.95 1.58 0.00	24.32 1.62 0.00	24.74 1.67 0.00	25.19 1.79 0.00	22.28 1.71 0.00	25.87 1.26 -2.41	30.09 2.30 -2.58	32.13 2.70 -1.32	43.04 3.19 -9.63	57.72 3.56 -20.91	116.25 3.71 -79.08	73.62 4.40 -29.86	41.94 3.67 -5.44	32.30 2.50 0.00	30.76 2.71 0.00	30.50 2.87 0.00	31.10 2.64 0.00	33.46 2.29 0.00	33.95 2.39 0.00	45.64 3.45 0.00	31.96 2.66 0.00	31.74 2.77 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.83 1.71 0.00	27.00 1.50 0.00	21.41 1.05 0.00	23.84 1.14 0.00	24.25 1.17 0.00	24.65 1.24 0.00	21.74 1.17 0.00	23.47 1.26 -0.52	27.31 1.53 -0.56	30.18 1.79 -0.29	32.69 2.03 -0.45	35.50 2.25 0.00	35.89 2.43 0.00	42.29 2.93 0.00	35.29 2.46 0.00	32.02 2.22 0.00	30.45 2.40 0.00	30.15 2.51 0.00	30.73 2.27 0.00	33.17 2.00 0.00	33.45 1.89 0.00	44.50 2.32 0.00	30.93 1.63 0.00	30.62 1.65 0.00
FORT ORANGE____ 23900	28.98 0.86 0.00	26.31 0.81 0.00	21.01 0.65 0.00	23.46 0.77 0.00	23.84 0.76 0.00	24.14 0.74 0.00	21.20 0.63 0.00	22.88 0.63 -0.56	26.46 0.64 -0.60	28.88 0.46 -0.31	31.27 0.57 -0.49	33.80 0.55 0.00	34.13 0.67 0.00	40.12 0.76 0.00	33.51 0.68 0.00	30.39 0.59 0.00	28.75 0.70 0.00	28.52 0.89 0.00	29.27 0.80 0.00	31.84 0.67 0.00	32.25 0.69 0.00	42.93 0.75 0.00	29.89 0.59 0.00	29.66 0.69 0.00
FORT_DRUM_COGEN 23780	28.39 0.27 0.00	25.61 0.10 0.00	20.37 0.01 0.00	22.55 -0.15 0.00	22.91 -0.17 0.00	23.30 -0.10 0.00	20.52 -0.05 0.00	21.58 -0.10 0.00	25.08 -0.13 0.00	28.16 0.05 0.00	30.47 0.25 0.00	33.23 -0.02 0.00	33.08 -0.38 0.00	38.90 -0.45 0.00	32.42 -0.41 0.00	29.40 -0.40 0.00	27.71 -0.34 0.00	27.49 -0.14 0.00	28.30 -0.17 0.00	32.12 0.01 -0.93	33.75 0.47 -1.71	46.23 0.66 -3.38	30.60 -0.05 -1.35	30.08 -0.16 -1.27
FPL_FAR_ROCK_GT1 24212	30.37 2.25 0.00	27.50 1.99 0.00	21.74 1.38 0.00	24.15 1.45 0.00	24.57 1.49 0.00	24.88 1.47 0.00	21.89 1.31 0.00	25.57 1.47 -2.41	29.54 1.75 -2.58	31.62 2.19 -1.32	42.43 2.58 -9.63	43.76 2.69 -7.82	52.00 3.06 -15.48	45.01 3.77 -1.89	41.37 3.32 -5.22	32.46 2.66 0.00	30.92 2.87 0.00	30.60 2.96 0.00	30.97 2.50 0.00	33.22 2.05 0.00	33.58 2.02 0.00	44.69 2.51 0.00	31.14 1.83 0.00	30.87 1.90 0.00
FPL_FAR_ROCK_GT2 23815	30.37 2.25 0.00	27.50 1.99 0.00	21.74 1.38 0.00	24.15 1.45 0.00	24.57 1.49 0.00	24.88 1.47 0.00	21.89 1.31 0.00	25.57 1.47 -2.41	29.54 1.75 -2.58	31.62 2.19 -1.32	42.43 2.58 -9.63	43.76 2.69 -7.82	52.00 3.06 -15.48	45.01 3.77 -1.89	41.37 3.32 -5.22	32.46 2.66 0.00	30.92 2.87 0.00	30.60 2.96 0.00	30.97 2.50 0.00	33.22 2.05 0.00	33.58 2.02 0.00	44.69 2.51 0.00	31.14 1.83 0.00	30.87 1.90 0.00
FRANKLIN_FALL_HYD 24054	28.47 0.35 0.00	25.84 0.33 0.00	20.72 0.35 0.00	23.09 0.40 0.00	23.57 0.49 0.00	23.87 0.47 0.00	20.99 0.42 0.00	22.11 0.42 0.00	25.73 0.51 0.00	28.60 0.49 0.00	30.73 0.52 0.00	33.84 0.59 0.00	33.98 0.52 0.00	39.85 0.50 0.00	33.17 0.34 0.00	30.16 0.36 0.00	28.06 0.01 0.00	27.53 -0.10 0.00	28.53 0.07 0.00	31.37 0.20 0.00	32.00 0.44 0.00	43.01 0.83 0.00	29.84 0.53 0.00	29.33 0.36 0.00
FREEPORT_EQUS_GT1 23764	30.16 2.04 0.00	27.34 1.84 0.00	21.64 1.28 0.00	24.02 1.33 0.00	24.45 1.37 0.00	24.88 1.48 0.00	21.97 1.39 0.00	25.53 1.43 -2.41	29.63 1.83 -2.58	31.65 2.22 -1.32	42.35 2.50 -9.63	43.80 2.72 -7.82	51.72 2.78 -15.48	44.64 3.39 -1.89	40.99 2.91 -5.25	32.14 2.34 0.00	30.62 2.57 0.00	30.33 2.70 0.00	30.86 2.39 0.00	33.25 2.08 0.00	33.73 2.17 0.00	44.95 2.77 0.00	31.34 2.04 0.00	31.03 2.06 0.00
FREEPORT___CT2 23818	30.16 2.04 0.00	27.34 1.84 0.00	21.64 1.28 0.00	24.02 1.33 0.00	24.45 1.37 0.00	24.88 1.48 0.00	21.97 1.39 0.00	25.53 1.43 -2.41	29.63 1.83 -2.58	31.65 2.22 -1.32	42.35 2.50 -9.63	43.80 2.72 -7.82	51.72 2.78 -15.48	44.64 3.39 -1.89	40.99 2.91 -5.25	32.14 2.34 0.00	30.62 2.57 0.00	30.33 2.70 0.00	30.86 2.39 0.00	33.25 2.08 0.00	33.73 2.17 0.00	44.95 2.77 0.00	31.34 2.04 0.00	31.03 2.06 0.00
FRESHKLS_33_KV_LOAD 356253	29.74 1.61 0.00	26.90 1.40 0.00	21.29 0.94 0.00	23.68 0.99 0.00	24.10 1.02 0.00	24.53 1.13 0.00	21.71 1.13 0.00	25.28 1.16 -2.43	29.27 1.45 -2.60	31.17 1.73 -1.33	34.27 1.96 -2.10	34.50 2.18 0.92	35.47 2.40 0.39	42.27 2.91 0.00	35.36 2.53 0.00	32.23 2.22 -0.22	30.48 2.41 -0.03	30.16 2.53 -0.01	30.70 2.23 -0.01	33.03 1.86 0.00	33.28 1.72 -0.01	44.24 2.06 0.00	30.94 1.62 -0.01	30.61 1.64 0.00
FULTON COGEN____ 23766	27.50 -0.62 0.00	24.91 -0.60 0.00	19.86 -0.50 0.00	22.10 -0.60 0.00	22.47 -0.61 0.00	22.81 -0.59 0.00	20.10 -0.47 0.00	21.18 -0.51 0.00	24.59 -0.63 0.00	27.45 -0.66 0.00	29.54 -0.76 0.00	32.49 -0.78 0.00	32.68 -0.87 0.00	38.49 -0.87 0.00	32.10 -0.73 0.00	29.20 -0.60 0.00	27.61 -0.43 0.00	27.30 -0.33 0.00	28.07 -0.40 0.00	32.69 -0.48 -2.00	34.73 -0.52 -3.68	48.75 -0.69 -7.26	31.68 -0.51 -2.89	31.22 -0.48 -2.73

FULTON___LFGE 323630	30.97 2.85 0.00	27.99 2.48 0.00	22.27 1.91 0.00	24.81 2.11 0.00	25.19 2.12 0.00	25.64 2.24 0.00	22.62 2.04 0.00	24.26 2.13 -0.44	28.12 2.43 -0.47	31.04 2.69 -0.24	33.05 2.45 -0.38	35.70 2.45 0.00	36.25 2.79 0.00	42.49 3.14 0.00	35.74 2.91 0.00	32.31 2.51 0.00	30.42 2.37 0.00	30.20 2.57 0.00	31.38 2.91 0.00	34.42 3.25 0.00	34.91 3.35 0.00	46.93 4.75 0.00	32.49 3.19 0.00	32.04 3.07 0.00
G.F.CEMENT___DRP 24184	30.05 1.94 0.00	27.12 1.61 0.00	21.48 1.12 0.00	24.05 1.35 0.00	24.48 1.41 0.00	24.84 1.44 0.00	21.91 1.34 0.00	23.71 1.48 -0.55	27.50 1.70 -0.59	30.18 1.77 -0.30	32.60 1.91 -0.47	35.23 1.98 0.00	35.46 2.00 0.00	41.47 2.12 0.00	34.59 1.76 0.00	31.63 1.83 0.00	29.98 1.93 0.00	29.77 2.14 0.00	30.67 2.20 0.00	33.27 2.10 0.00	33.88 2.32 0.00	45.10 2.92 0.00	31.38 2.08 0.00	31.10 2.13 0.00
GARDENVILLE___LBMP 24039	28.42 0.29 0.00	25.60 0.09 0.00	20.20 -0.16 0.00	22.47 -0.23 0.00	22.73 -0.34 0.00	23.21 -0.19 0.00	20.48 -0.09 0.00	21.55 -0.13 0.00	25.05 -0.17 0.00	28.23 0.12 0.00	30.13 -0.09 0.00	33.33 0.08 0.00	33.14 -0.32 0.00	38.79 -0.57 0.00	32.26 -0.57 0.00	29.50 -0.30 0.00	28.12 0.07 0.00	28.01 0.38 0.00	28.81 0.34 0.00	31.44 0.27 0.00	31.56 0.00 0.00	42.51 0.33 0.00	29.74 0.43 0.00	29.51 0.54 0.00
GARDNVLA_35_KV_LD 355827	28.53 0.41 0.00	25.70 0.19 0.00	20.28 -0.08 0.00	22.55 -0.15 0.00	22.81 -0.27 0.00	23.29 -0.11 0.00	20.56 -0.02 0.00	21.64 -0.05 0.00	25.14 -0.08 0.00	28.35 0.24 0.00	30.26 0.04 0.00	33.48 0.23 0.00	33.30 -0.16 0.00	38.99 -0.37 0.00	32.42 -0.41 0.00	29.65 -0.14 0.00	28.28 0.23 0.00	28.17 0.53 0.00	28.97 0.50 0.00	31.61 0.43 0.00	31.72 0.16 0.00	42.75 0.57 0.00	29.90 0.59 0.00	29.65 0.69 0.00
GELCKHM___115KV_LOAD 80723	27.76 -0.36 0.00	25.13 -0.38 0.00	20.02 -0.34 0.00	22.28 -0.41 0.00	22.65 -0.42 0.00	23.00 -0.40 0.00	20.27 -0.30 0.00	21.36 -0.33 0.00	24.82 -0.40 0.00	27.73 -0.38 0.00	29.82 -0.40 0.00	32.83 -0.42 0.00	33.00 -0.46 0.00	38.87 -0.49 0.00	32.44 -0.39 0.00	29.50 -0.30 0.00	27.87 -0.18 0.00	27.57 -0.06 0.00	28.34 -0.12 0.00	31.74 -0.17 -0.73	32.67 -0.24 -1.35	44.53 -0.31 -2.66	30.11 -0.25 -1.06	29.73 -0.25 -1.00
GENERAL___MILLS 23808	28.48 0.36 0.00	25.65 0.14 0.00	20.25 -0.11 0.00	22.51 -0.18 0.00	22.78 -0.30 0.00	23.26 -0.14 0.00	20.53 -0.05 0.00	21.60 -0.09 0.00	25.11 -0.11 0.00	28.30 0.19 0.00	30.19 -0.02 0.00	33.41 0.16 0.00	33.22 -0.24 0.00	38.90 -0.46 0.00	32.34 -0.49 0.00	29.58 -0.22 0.00	28.19 0.15 0.00	28.09 0.45 0.00	28.88 0.41 0.00	31.53 0.36 0.00	31.64 0.08 0.00	42.63 0.45 0.00	29.82 0.52 0.00	29.59 0.62 0.00
GE_PLASTICS___DRP 24183	28.92 0.79 0.00	26.26 0.75 0.00	20.95 0.60 0.00	23.41 0.71 0.00	23.79 0.71 0.00	24.09 0.69 0.00	21.15 0.58 0.00	22.84 0.59 -0.56	26.50 0.68 -0.60	29.06 0.65 -0.31	31.46 0.76 -0.48	34.02 0.77 0.00	34.32 0.86 0.00	40.34 0.99 0.00	33.68 0.85 0.00	30.54 0.74 0.00	28.93 0.88 0.00	28.66 1.03 0.00	29.38 0.91 0.00	31.94 0.76 0.00	32.29 0.73 0.00	43.02 0.83 0.00	29.97 0.66 0.00	29.73 0.76 0.00
GILBOA___1 23756	28.94 0.82 0.00	26.34 0.83 0.00	21.05 0.69 0.00	23.59 0.90 0.00	23.97 0.89 0.00	24.16 0.76 0.00	21.14 0.56 0.00	22.62 0.58 -0.35	26.30 0.70 -0.38	29.06 0.76 -0.19	31.39 0.87 -0.30	34.16 0.91 0.00	34.43 0.97 0.00	40.50 1.15 0.00	33.81 0.98 0.00	30.62 0.82 0.00	29.01 0.96 0.00	28.69 1.06 0.00	29.39 0.92 0.00	31.97 0.80 0.00	32.31 0.75 0.00	43.08 0.90 0.00	30.01 0.70 0.00	29.74 0.77 0.00
GILBOA___2 23757	28.94 0.82 0.00	26.34 0.83 0.00	21.05 0.69 0.00	23.59 0.90 0.00	23.97 0.89 0.00	24.16 0.76 0.00	21.14 0.56 0.00	22.62 0.58 -0.35	26.30 0.70 -0.38	29.06 0.76 -0.19	31.39 0.87 -0.30	34.16 0.91 0.00	34.43 0.97 0.00	40.50 1.15 0.00	33.81 0.98 0.00	30.62 0.82 0.00	29.01 0.96 0.00	28.69 1.06 0.00	29.39 0.92 0.00	31.97 0.80 0.00	32.31 0.75 0.00	43.08 0.90 0.00	30.01 0.70 0.00	29.74 0.77 0.00
GILBOA___3 23758	28.94 0.82 0.00	26.34 0.83 0.00	21.05 0.69 0.00	23.59 0.90 0.00	23.97 0.89 0.00	24.16 0.76 0.00	21.14 0.56 0.00	22.62 0.58 -0.35	26.30 0.70 -0.38	29.06 0.76 -0.19	31.39 0.87 -0.30	34.16 0.91 0.00	34.43 0.97 0.00	40.50 1.15 0.00	33.81 0.98 0.00	30.62 0.82 0.00	29.01 0.96 0.00	28.69 1.06 0.00	29.39 0.92 0.00	31.97 0.80 0.00	32.31 0.75 0.00	43.08 0.90 0.00	30.01 0.70 0.00	29.74 0.77 0.00
GILBOA___4 23759	28.94 0.82 0.00	26.34 0.83 0.00	21.05 0.69 0.00	23.59 0.90 0.00	23.97 0.89 0.00	24.16 0.76 0.00	21.14 0.56 0.00	22.62 0.58 -0.35	26.30 0.70 -0.38	29.06 0.76 -0.19	31.39 0.87 -0.30	34.16 0.91 0.00	34.43 0.97 0.00	40.50 1.15 0.00	33.81 0.98 0.00	30.62 0.82 0.00	29.01 0.96 0.00	28.69 1.06 0.00	29.39 0.92 0.00	31.97 0.80 0.00	32.31 0.75 0.00	43.08 0.90 0.00	30.01 0.70 0.00	29.74 0.77 0.00
GILBOA___ 23599	28.94 0.82 0.00	26.34 0.83 0.00	21.05 0.69 0.00	23.59 0.90 0.00	23.97 0.89 0.00	24.17 0.76 0.00	21.14 0.56 0.00	22.62 0.58 -0.35	26.30 0.70 -0.38	29.06 0.76 -0.19	31.39 0.87 -0.30	34.16 0.91 0.00	34.43 0.97 0.00	40.50 1.15 0.00	33.81 0.98 0.00	30.62 0.82 0.00	29.01 0.96 0.00	28.70 1.06 0.00	29.39 0.92 0.00	31.97 0.80 0.00	32.31 0.75 0.00	43.08 0.90 0.00	30.01 0.70 0.00	29.75 0.77 0.00
GINNA___ 23603	26.86 -1.26 0.00	24.26 -1.25 0.00	19.27 -1.09 0.00	21.40 -1.29 0.00	21.72 -1.36 0.00	22.14 -1.27 0.00	19.54 -1.03 0.00	20.61 -1.07 0.00	23.95 -1.27 0.00	26.89 -1.22 0.00	28.83 -1.39 0.00	31.78 -1.46 0.00	31.78 -1.67 0.00	37.31 -2.04 0.00	31.09 -1.75 0.00	28.33 -1.46 0.00	26.86 -1.19 0.00	26.69 -0.94 0.00	27.55 -0.92 0.00	30.13 -1.04 0.00	30.31 -1.25 0.00	40.65 -1.53 0.00	28.25 -1.06 0.00	27.96 -1.01 0.00
GLEN PARK___ 23778	28.47 0.34 0.00	25.66 0.15 0.00	20.41 0.05 0.00	22.58 -0.12 0.00	22.96 -0.12 0.00	23.35 -0.05 0.00	20.58 0.00 0.00	21.63 -0.06 0.00	25.12 -0.10 0.00	28.26 0.16 0.00	30.61 0.39 0.00	33.36 0.11 0.00	33.13 -0.32 0.00	38.96 -0.39 0.00	32.46 -0.37 0.00	29.46 -0.34 0.00	27.77 -0.29 0.00	27.58 -0.05 0.00	28.38 -0.09 0.00	32.28 0.13 -0.97	34.03 0.67 -1.80	46.65 0.93 -3.54	30.82 0.10 -1.41	30.28 -0.02 -1.33
GLENDALE_27_KV_LOAD 356172	29.80 1.68 0.00	26.97 1.46 0.00	21.36 1.00 0.00	23.76 1.06 0.00	24.17 1.10 0.00	24.60 1.19 0.00	21.77 1.20 0.00	25.41 1.29 -2.43	29.43 1.61 -2.60	31.42 1.98 -1.33	34.59 2.27 -2.10	35.78 2.52 -0.01	36.16 2.69 -0.01	42.56 3.21 0.00	35.58 2.75 0.00	32.20 2.41 0.00	30.63 2.57 0.00	30.27 2.64 0.00	30.79 2.32 0.00	33.15 1.98 0.00	33.43 1.87 0.00	44.52 2.34 0.00	31.04 1.73 0.00	30.72 1.75 0.00

GLENWOOD_IC_1_G5 23712	29.76 1.64 0.00	27.13 1.62 0.00	21.48 1.12 0.00	23.87 1.18 0.00	24.29 1.21 0.00	24.71 1.31 0.00	21.83 1.25 0.00	25.42 1.32 -2.41	29.28 1.49 -2.58	31.26 1.83 -1.32	42.02 2.17 -9.63	43.46 2.39 -7.82	51.49 2.55 -15.48	44.34 3.10 -1.89	40.45 2.65 -4.98	31.98 2.18 0.00	30.43 2.39 0.00	30.12 2.49 0.00	30.65 2.18 0.00	33.09 1.92 0.00	33.54 1.98 0.00	44.63 2.45 0.00	30.96 1.65 0.00	30.68 1.71 0.00
GLENWOOD_IC_2_G1 23688	29.77 1.65 0.00	27.00 1.49 0.00	21.37 1.01 0.00	23.76 1.07 0.00	24.18 1.11 0.00	24.59 1.19 0.00	21.72 1.15 0.00	25.31 1.21 -2.41	29.30 1.51 -2.58	31.25 1.81 -1.32	41.96 2.12 -9.63	43.39 2.31 -7.82	51.42 2.48 -15.48	44.24 3.00 -1.89	40.92 2.62 -5.47	31.95 2.15 0.00	30.41 2.36 0.00	30.08 2.45 0.00	30.63 2.16 0.00	33.00 1.83 0.00	33.33 1.77 0.00	44.36 2.18 0.00	30.88 1.58 0.00	30.59 1.62 0.00
GLENWOOD_IC_3_G1 23689	29.77 1.65 0.00	27.00 1.49 0.00	21.37 1.01 0.00	23.76 1.07 0.00	24.18 1.11 0.00	24.59 1.19 0.00	21.72 1.15 0.00	25.31 1.21 -2.41	29.30 1.51 -2.58	31.25 1.81 -1.32	41.96 2.12 -9.63	43.39 2.31 -7.82	51.42 2.48 -15.48	44.24 3.00 -1.89	40.92 2.62 -5.47	31.95 2.15 0.00	30.41 2.36 0.00	30.08 2.45 0.00	30.63 2.16 0.00	33.00 1.83 0.00	33.33 1.77 0.00	44.36 2.18 0.00	30.88 1.58 0.00	30.59 1.62 0.00
GLENWOOD___4 23550	29.83 1.71 0.00	27.13 1.62 0.00	21.48 1.12 0.00	23.87 1.18 0.00	24.29 1.21 0.00	24.71 1.31 0.00	21.83 1.25 0.00	25.42 1.32 -2.41	29.35 1.56 -2.58	31.33 1.91 -1.32	42.10 2.25 -9.63	43.54 2.47 -7.82	51.58 2.65 -15.48	44.45 3.20 -1.89	40.54 2.74 -4.98	32.06 2.26 0.00	30.52 2.46 0.00	30.19 2.56 0.00	30.72 2.26 0.00	33.14 1.97 0.00	33.54 1.98 0.00	44.64 2.46 0.00	30.99 1.69 0.00	30.71 1.74 0.00
GLENWOOD___5 23614	29.83 1.71 0.00	27.13 1.62 0.00	21.48 1.12 0.00	23.87 1.18 0.00	24.29 1.21 0.00	24.71 1.31 0.00	21.83 1.25 0.00	25.42 1.32 -2.41	29.35 1.56 -2.58	31.33 1.91 -1.32	42.10 2.25 -9.63	43.54 2.47 -7.82	51.58 2.65 -15.48	44.45 3.20 -1.89	40.54 2.74 -4.98	32.06 2.26 0.00	30.52 2.46 0.00	30.19 2.56 0.00	30.72 2.26 0.00	33.14 1.97 0.00	33.54 1.98 0.00	44.64 2.46 0.00	30.99 1.69 0.00	30.71 1.74 0.00
GLOBAL GREEN_PORT_GT1 23814	31.98 3.86 0.00	28.93 3.42 0.00	22.85 2.49 0.00	25.29 2.60 0.00	25.77 2.69 0.00	26.22 2.81 0.00	23.31 2.73 0.00	26.85 2.75 -2.41	31.32 3.53 -2.58	33.63 4.20 -1.32	44.77 4.92 -9.63	56.51 5.59 -17.67	102.56 5.77 -63.33	69.03 6.74 -22.94	43.76 5.49 -5.44	34.22 4.42 0.00	32.59 4.54 0.00	32.34 4.71 0.00	33.03 4.57 0.00	35.56 4.39 0.00	36.07 4.51 0.00	48.46 6.28 0.00	33.95 4.64 0.00	33.53 4.56 0.00
GLOBE___DSASP 323697	27.79 -0.33 0.00	25.13 -0.38 0.00	19.87 -0.49 0.00	22.05 -0.64 0.00	22.32 -0.76 0.00	22.78 -0.62 0.00	20.10 -0.47 0.00	21.04 -0.65 0.00	24.30 -0.92 0.00	27.40 -0.71 0.00	29.14 -1.08 0.00	32.17 -1.08 0.00	31.95 -1.51 0.00	37.23 -2.12 0.00	30.95 -1.88 0.00	28.36 -1.43 0.00	27.06 -0.98 0.00	26.97 -0.67 0.00	27.79 -0.68 0.00	30.33 -0.84 0.00	30.46 -1.10 0.00	40.91 -1.27 0.00	28.67 -0.63 0.00	28.56 -0.41 0.00
GOETHSLN___LBMP 323567	29.49 1.37 0.00	26.69 1.18 0.00	21.13 0.77 0.00	23.50 0.81 0.00	23.91 0.83 0.00	24.33 0.93 0.00	21.52 0.95 0.00	25.12 1.00 -2.43	29.07 1.26 -2.60	31.01 1.57 -1.33	34.10 1.78 -2.10	35.20 1.95 0.00	35.59 2.13 0.00	41.95 2.59 0.00	35.09 2.26 0.00	31.79 1.99 0.00	30.24 2.19 0.00	29.88 2.25 0.00	30.40 1.93 0.00	32.71 1.53 0.00	32.96 1.40 0.00	43.85 1.67 0.00	30.56 1.25 0.00	30.30 1.33 0.00
GOLAH___69_KV_TB 1_2 80279	28.39 0.27 0.00	25.68 0.17 0.00	20.34 -0.02 0.00	22.54 -0.16 0.00	22.87 -0.21 0.00	23.32 -0.08 0.00	20.60 0.03 0.00	21.72 0.03 0.00	25.22 0.00 0.00	28.44 0.33 0.00	30.41 0.19 0.00	33.55 0.30 0.00	33.47 0.01 0.00	39.21 -0.15 0.00	32.68 -0.15 0.00	29.83 0.03 0.00	28.24 0.20 0.00	28.07 0.44 0.00	28.94 0.47 0.00	31.68 0.51 0.00	31.91 0.35 0.00	42.85 0.67 0.00	29.87 0.57 0.00	29.63 0.66 0.00
GOODYEAR_LAKE_HYD 323669	29.30 1.18 0.00	26.56 1.05 0.00	21.15 0.79 0.00	23.58 0.88 0.00	23.94 0.87 0.00	24.29 0.88 0.00	21.39 0.81 0.00	22.57 0.88 0.00	26.30 1.08 0.00	29.38 1.27 0.00	31.55 1.33 0.00	34.73 1.48 0.00	35.00 1.54 0.00	41.24 1.88 0.00	34.42 1.59 0.00	31.19 1.39 0.00	29.51 1.46 0.00	29.13 1.49 0.00	29.94 1.47 0.00	32.82 1.48 -0.17	33.30 1.43 -0.31	44.71 1.91 -0.61	30.84 1.29 -0.24	30.43 1.23 -0.23
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.46 0.34 0.00	25.70 0.20 0.00	20.39 0.03 0.00	22.78 0.09 0.00	23.13 0.05 0.00	23.52 0.11 0.00	20.73 0.16 0.00	21.85 0.16 0.00	25.43 0.21 0.00	28.43 0.33 0.00	30.56 0.34 0.00	33.62 0.37 0.00	33.72 0.25 0.00	39.79 0.43 0.00	33.16 0.32 0.00	30.12 0.32 0.00	28.59 0.54 0.00	28.32 0.68 0.00	29.02 0.55 0.00	32.09 0.50 -0.42	32.72 0.39 -0.77	44.28 0.58 -1.52	30.34 0.43 -0.60	30.01 0.47 -0.57
GOUDEY___7 23579	28.48 0.36 0.00	25.72 0.22 0.00	20.40 0.04 0.00	22.80 0.11 0.00	23.14 0.07 0.00	23.53 0.13 0.00	20.75 0.18 0.00	21.87 0.18 0.00	25.46 0.24 0.00	28.46 0.35 0.00	30.59 0.37 0.00	33.65 0.40 0.00	33.76 0.30 0.00	39.83 0.48 0.00	33.19 0.36 0.00	30.17 0.37 0.00	28.62 0.58 0.00	28.35 0.72 0.00	29.05 0.59 0.00	32.14 0.55 -0.42	32.76 0.42 -0.77	44.33 0.63 -1.52	30.37 0.46 -0.60	30.04 0.50 -0.57
GOUDEY___8 23580	28.46 0.34 0.00	25.70 0.20 0.00	20.39 0.03 0.00	22.78 0.09 0.00	23.13 0.05 0.00	23.52 0.11 0.00	20.73 0.16 0.00	21.85 0.16 0.00	25.43 0.21 0.00	28.43 0.33 0.00	30.56 0.34 0.00	33.62 0.37 0.00	33.72 0.25 0.00	39.79 0.43 0.00	33.16 0.32 0.00	30.12 0.32 0.00	28.59 0.54 0.00	28.32 0.68 0.00	29.02 0.55 0.00	32.09 0.50 -0.42	32.72 0.39 -0.77	44.28 0.58 -1.52	30.34 0.43 -0.60	30.01 0.47 -0.57
GOWANUS_GT1_1 24077	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT1_2 24078	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00

GOWANUS_GT1_3 24079	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT1_4 24080	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT1_5 24084	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT1_6 24111	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT1_7 24112	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT1_8 24113	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT2_1 24114	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT2_2 24115	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT2_3 24116	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT2_4 24117	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT2_5 24118	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT2_6 24119	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT2_7 24120	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT2_8 24121	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT3_1 24122	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00

GOWANUS_GT3_2 24123	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT3_3 24124	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT3_4 24125	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT3_5 24126	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT3_6 24127	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT3_7 24128	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT3_8 24129	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
GOWANUS_GT4_1 24130	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT4_2 24131	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT4_3 24132	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT4_4 24133	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT4_5 24134	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT4_6 24135	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT4_7 24136	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GOWANUS_GT4_8 24137	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00

GREENBSH_115KV_TB3 55895	28.81 0.69 0.00	26.17 0.66 0.00	20.90 0.53 0.00	23.34 0.64 0.00	23.72 0.64 0.00	24.01 0.61 0.00	21.08 0.51 0.00	22.78 0.52 -0.57	26.42 0.59 -0.61	28.93 0.50 -0.31	31.34 0.63 -0.49	33.87 0.62 0.00	34.18 0.72 0.00	40.17 0.81 0.00	33.54 0.71 0.00	30.42 0.62 0.00	28.82 0.77 0.00	28.56 0.93 0.00	29.27 0.80 0.00	31.82 0.65 0.00	32.18 0.62 0.00	42.85 0.67 0.00	29.85 0.54 0.00	29.62 0.65 0.00
GREENDGE_115KV_TB5 80291	28.47 0.35 0.00	25.66 0.15 0.00	20.32 -0.04 0.00	22.65 -0.04 0.00	22.97 -0.11 0.00	23.43 0.03 0.00	20.65 0.08 0.00	21.77 0.08 0.00	25.37 0.15 0.00	28.35 0.24 0.00	30.38 0.16 0.00	33.39 0.14 0.00	33.45 0.00 0.00	39.45 0.09 0.00	32.95 0.12 0.00	30.03 0.23 0.00	28.49 0.44 0.00	28.31 0.68 0.00	29.06 0.59 0.00	32.16 0.65 -0.34	32.64 0.45 -0.63	44.08 0.66 -1.24	30.31 0.52 -0.49	30.09 0.65 -0.46
GREENIDGE___3 23582	28.47 0.35 0.00	25.66 0.15 0.00	20.32 -0.04 0.00	22.65 -0.04 0.00	22.97 -0.11 0.00	23.43 0.03 0.00	20.65 0.08 0.00	21.77 0.08 0.00	25.37 0.15 0.00	28.35 0.24 0.00	30.38 0.16 0.00	33.39 0.14 0.00	33.45 0.00 0.00	39.45 0.09 0.00	32.95 0.12 0.00	30.03 0.23 0.00	28.49 0.44 0.00	28.31 0.68 0.00	29.06 0.59 0.00	32.16 0.65 -0.34	32.64 0.45 -0.63	44.08 0.66 -1.24	30.31 0.52 -0.49	30.09 0.65 -0.46
GREENIDGE___4 23583	28.47 0.35 0.00	25.66 0.15 0.00	20.32 -0.04 0.00	22.65 -0.04 0.00	22.97 -0.11 0.00	23.44 0.03 0.00	20.65 0.07 0.00	21.77 0.08 0.00	25.37 0.15 0.00	28.35 0.24 0.00	30.38 0.16 0.00	33.39 0.14 0.00	33.45 -0.01 0.00	39.45 0.10 0.00	32.95 0.12 0.00	30.03 0.23 0.00	28.49 0.44 0.00	28.31 0.68 0.00	29.06 0.59 0.00	32.16 0.65 -0.34	32.64 0.45 -0.63	44.09 0.67 -1.24	30.30 0.51 -0.49	30.09 0.66 -0.46
GREENLWN_69_KV_BK 3 55738	30.01 1.89 0.00	27.23 1.72 0.00	21.55 1.19 0.00	23.90 1.21 0.00	24.33 1.25 0.00	24.75 1.35 0.00	21.87 1.30 0.00	25.45 1.35 -2.41	29.56 1.76 -2.58	31.57 2.15 -1.32	42.41 2.56 -9.63	41.71 2.81 -5.65	41.37 3.01 -4.91	40.20 3.61 2.76	41.21 2.97 -5.40	31.96 2.16 0.00	30.43 2.38 0.00	30.15 2.52 0.00	30.68 2.22 0.00	33.02 1.85 0.00	33.40 1.84 0.00	44.60 2.42 0.00	31.18 1.88 0.00	30.96 1.99 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00
GRISSOM___SOLAR 323813	30.97 2.85 0.00	27.99 2.48 0.00	22.27 1.91 0.00	24.81 2.11 0.00	25.19 2.12 0.00	25.64 2.24 0.00	22.62 2.04 0.00	24.26 2.13 -0.44	28.12 2.43 -0.47	31.04 2.69 -0.24	33.05 2.45 -0.38	35.70 2.45 0.00	36.25 2.79 0.00	42.49 3.14 0.00	35.74 2.91 0.00	32.31 2.51 0.00	30.42 2.37 0.00	30.20 2.57 0.00	31.38 2.91 0.00	34.42 3.25 0.00	34.91 3.35 0.00	46.93 4.75 0.00	32.49 3.19 0.00	32.04 3.07 0.00
GROVEVILLE___HYD 323602	29.83 1.71 0.00	27.00 1.50 0.00	21.41 1.05 0.00	23.84 1.14 0.00	24.25 1.17 0.00	24.65 1.24 0.00	21.74 1.17 0.00	23.47 1.26 -0.52	27.31 1.53 -0.56	30.18 1.79 -0.29	32.69 2.03 -0.45	35.50 2.25 0.00	35.89 2.43 0.00	42.29 2.93 0.00	35.29 2.46 0.00	32.02 2.22 0.00	30.45 2.40 0.00	30.15 2.51 0.00	30.73 2.27 0.00	33.17 2.00 0.00	33.45 1.89 0.00	44.50 2.32 0.00	30.93 1.63 0.00	30.62 1.65 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.95 -0.17 0.00	25.29 -0.22 0.00	20.14 -0.23 0.00	22.43 -0.26 0.00	22.81 -0.27 0.00	23.16 -0.24 0.00	20.42 -0.16 0.00	21.50 -0.19 0.00	24.99 -0.23 0.00	27.94 -0.17 0.00	30.03 -0.19 0.00	33.08 -0.17 0.00	33.26 -0.20 0.00	39.18 -0.17 0.00	32.70 -0.13 0.00	29.74 -0.05 0.00	28.09 0.04 0.00	27.79 0.16 0.00	28.57 0.10 0.00	32.36 0.08 -1.11	33.62 0.01 -2.05	46.24 0.01 -4.04	30.87 -0.04 -1.61	30.46 -0.04 -1.52
HAMLTNNY_34_KV_TB 80303	28.05 -0.07 0.00	25.37 -0.14 0.00	20.19 -0.17 0.00	22.50 -0.19 0.00	22.86 -0.22 0.00	23.24 -0.17 0.00	20.50 -0.08 0.00	21.57 -0.12 0.00	25.10 -0.12 0.00	28.03 -0.07 0.00	30.08 -0.13 0.00	33.17 -0.08 0.00	33.35 -0.11 0.00	39.27 -0.09 0.00	32.80 -0.03 0.00	29.85 0.05 0.00	28.21 0.16 0.00	27.95 0.32 0.00	28.72 0.25 0.00	32.59 0.27 -1.15	33.86 0.18 -2.12	46.59 0.24 -4.17	31.07 0.10 -1.66	30.64 0.11 -1.57
HAMPSHIRE___PAPER_HYD 323593	28.19 0.07 0.00	25.53 0.02 0.00	20.38 0.02 0.00	22.63 -0.06 0.00	23.03 -0.05 0.00	23.38 -0.03 0.00	20.50 -0.08 0.00	21.53 -0.16 0.00	25.04 -0.18 0.00	27.91 -0.20 0.00	30.05 -0.17 0.00	32.90 -0.35 0.00	32.97 -0.49 0.00	38.61 -0.75 0.00	32.11 -0.72 0.00	29.10 -0.69 0.00	27.25 -0.80 0.00	26.82 -0.81 0.00	27.71 -0.75 0.00	30.99 -0.60 -0.41	32.00 -0.32 -0.76	43.54 -0.14 -1.50	29.54 -0.36 -0.60	29.11 -0.42 -0.56
HARDSCRABBLE_WT_PWR 323673	28.14 0.02 0.00	25.44 -0.07 0.00	20.24 -0.12 0.00	22.63 -0.06 0.00	23.00 -0.08 0.00	23.33 -0.07 0.00	20.51 -0.06 0.00	21.59 -0.09 0.00	25.11 -0.11 0.00	27.95 -0.16 0.00	30.12 -0.09 0.00	33.17 -0.09 0.00	33.38 -0.08 0.00	39.39 0.03 0.00	32.88 0.05 0.00	29.81 0.01 0.00	28.24 0.19 0.00	28.07 0.43 0.00	28.80 0.33 0.00	31.22 0.04 0.00	31.51 -0.05 0.00	42.04 -0.14 0.00	29.31 0.00 0.00	29.02 0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.41 1.29 0.00	26.62 1.11 0.00	21.08 0.72 0.00	23.47 0.78 0.00	23.87 0.80 0.00	24.28 0.88 0.00	21.43 0.86 0.00	20.03 0.91 2.57	23.62 1.15 2.75	28.15 1.45 1.41	29.69 1.70 2.22	35.16 1.91 0.00	35.56 2.10 0.00	41.94 2.58 0.00	35.07 2.24 0.00	31.79 1.99 0.00	30.19 2.14 0.00	29.84 2.21 0.00	30.42 1.95 0.00	32.82 1.65 0.00	33.09 1.53 0.00	44.00 1.82 0.00	30.59 1.28 0.00	30.30 1.32 0.00
HARSNRAD_115KV_TB1 81005	28.03 -0.09 0.00	25.32 -0.19 0.00	20.01 -0.35 0.00	22.21 -0.48 0.00	22.47 -0.61 0.00	22.95 -0.45 0.00	20.25 -0.33 0.00	21.28 -0.40 0.00	24.67 -0.55 0.00	27.81 -0.30 0.00	29.59 -0.62 0.00	32.71 -0.54 0.00	32.49 -0.97 0.00	37.91 -1.45 0.00	31.53 -1.30 0.00	28.86 -0.94 0.00	27.52 -0.53 0.00	27.42 -0.21 0.00	28.27 -0.20 0.00	30.87 -0.30 0.00	30.99 -0.57 0.00	41.78 -0.41 0.00	29.28 -0.02 0.00	29.13 0.16 0.00
HARZA MOOSE___RIVER 24016	28.54 0.42 0.00	25.81 0.31 0.00	20.55 0.19 0.00	22.84 0.15 0.00	23.20 0.13 0.00	23.58 0.17 0.00	20.74 0.16 0.00	21.85 0.16 0.00	25.45 0.23 0.00	28.47 0.36 0.00	30.67 0.45 0.00	33.65 0.40 0.00	33.83 0.37 0.00	39.81 0.46 0.00	33.17 0.34 0.00	30.09 0.29 0.00	28.34 0.29 0.00	28.02 0.39 0.00	28.82 0.35 0.00	31.94 0.45 -0.31	32.73 0.59 -0.58	44.14 0.81 -1.15	30.01 0.25 -0.45	29.58 0.17 -0.43

HDSNBRDG_115KV_BRDG_TB1 355580	27.80 -0.33 0.00	25.16 -0.35 0.00	20.04 -0.32 0.00	22.31 -0.39 0.00	22.68 -0.40 0.00	23.03 -0.37 0.00	20.29 -0.28 0.00	21.37 -0.32 0.00	24.81 -0.40 0.00	27.73 -0.38 0.00	29.84 -0.38 0.00	32.84 -0.40 0.00	33.03 -0.43 0.00	38.90 -0.46 0.00	32.45 -0.38 0.00	29.50 -0.29 0.00	27.91 -0.14 0.00	27.60 -0.03 0.00	28.38 -0.09 0.00	31.61 -0.15 -0.60	32.44 -0.22 -1.10	44.05 -0.30 -2.17	29.93 -0.23 -0.86	29.56 -0.22 -0.81
HELLGATE_13_KV_LD 55870	29.63 1.50 0.00	26.82 1.32 0.00	21.26 0.89 0.00	23.65 0.95 0.00	24.05 0.98 0.00	24.48 1.08 0.00	21.67 1.09 0.00	25.28 1.16 -2.43	29.26 1.45 -2.60	31.23 1.79 -1.33	34.38 2.07 -2.10	35.55 2.29 -0.01	35.94 2.47 -0.01	42.30 2.94 0.00	35.34 2.52 0.00	31.99 2.19 0.00	30.41 2.37 0.00	30.07 2.43 0.00	30.59 2.12 0.00	32.94 1.77 0.00	33.23 1.67 0.00	44.26 2.08 0.00	30.85 1.54 0.00	30.55 1.58 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.63 1.50 0.00	26.82 1.32 0.00	21.26 0.89 0.00	23.65 0.95 0.00	24.05 0.98 0.00	24.48 1.08 0.00	21.67 1.09 0.00	25.28 1.16 -2.43	29.26 1.45 -2.60	31.23 1.79 -1.33	34.38 2.07 -2.10	35.55 2.29 -0.01	35.94 2.47 -0.01	42.30 2.94 0.00	35.34 2.52 0.00	31.99 2.19 0.00	30.41 2.37 0.00	30.07 2.43 0.00	30.59 2.12 0.00	32.94 1.77 0.00	33.23 1.67 0.00	44.26 2.08 0.00	30.85 1.54 0.00	30.55 1.58 0.00
HEMPSTEAD____ 23647	29.88 1.76 0.00	27.13 1.62 0.00	21.48 1.12 0.00	23.85 1.15 0.00	24.28 1.20 0.00	24.69 1.29 0.00	21.82 1.24 0.00	25.38 1.29 -2.41	29.40 1.61 -2.58	31.38 1.95 -1.32	42.13 2.29 -9.63	43.56 2.49 -7.82	51.57 2.64 -15.48	44.43 3.19 -1.89	40.70 2.72 -5.16	31.95 2.15 0.00	30.44 2.40 0.00	30.15 2.51 0.00	30.67 2.20 0.00	33.06 1.89 0.00	33.45 1.89 0.00	44.56 2.38 0.00	31.04 1.73 0.00	30.75 1.78 0.00
HEWLETT__69_KV_BK3 55828	30.23 2.11 0.00	27.38 1.87 0.00	21.65 1.29 0.00	24.05 1.36 0.00	24.47 1.40 0.00	24.83 1.42 0.00	21.86 1.29 0.00	25.49 1.39 -2.41	29.51 1.72 -2.58	31.57 2.14 -1.32	42.37 2.52 -9.63	43.75 2.68 -7.82	51.90 2.96 -15.48	44.87 3.63 -1.89	41.20 3.15 -5.22	32.31 2.51 0.00	30.76 2.71 0.00	30.44 2.81 0.00	30.89 2.42 0.00	33.20 2.03 0.00	33.56 2.00 0.00	44.66 2.48 0.00	31.11 1.80 0.00	30.84 1.87 0.00
HICKLING___1 23621	28.79 0.67 0.00	25.90 0.39 0.00	20.45 0.09 0.00	22.86 0.17 0.00	23.17 0.10 0.00	23.64 0.23 0.00	20.84 0.27 0.00	21.96 0.27 0.00	25.61 0.39 0.00	28.65 0.54 0.00	30.83 0.61 0.00	33.99 0.74 0.00	33.99 0.54 0.00	40.22 0.87 0.00	33.46 0.64 0.00	30.42 0.62 0.00	28.99 0.94 0.00	28.74 1.11 0.00	29.42 0.95 0.00	32.48 0.97 -0.34	32.92 0.74 -0.62	44.51 1.11 -1.23	30.57 0.78 -0.49	30.28 0.85 -0.46
HICKLING___2 23622	28.79 0.67 0.00	25.90 0.39 0.00	20.45 0.09 0.00	22.86 0.17 0.00	23.17 0.10 0.00	23.64 0.23 0.00	20.84 0.27 0.00	21.96 0.27 0.00	25.61 0.39 0.00	28.65 0.54 0.00	30.83 0.61 0.00	33.99 0.74 0.00	33.99 0.54 0.00	40.22 0.87 0.00	33.46 0.64 0.00	30.42 0.62 0.00	28.99 0.94 0.00	28.74 1.11 0.00	29.42 0.95 0.00	32.48 0.97 -0.34	32.92 0.74 -0.62	44.51 1.11 -1.23	30.57 0.78 -0.49	30.28 0.85 -0.46
HIGH FALLS___HY 23754	29.53 1.41 0.00	26.72 1.21 0.00	21.16 0.80 0.00	23.56 0.86 0.00	23.95 0.88 0.00	24.34 0.94 0.00	21.49 0.91 0.00	22.66 0.97 0.00	26.40 1.17 0.00	29.61 1.50 0.00	31.89 1.67 0.00	35.14 1.89 0.00	35.51 2.05 0.00	41.96 2.61 0.00	34.84 2.01 0.00	31.55 1.75 0.00	30.06 2.01 0.00	29.80 2.17 0.00	30.38 1.91 0.00	32.83 1.66 0.00	33.24 1.68 0.00	44.19 2.01 0.00	30.69 1.39 0.00	30.35 1.38 0.00
HILLBURN___GT 23639	29.29 1.17 0.00	26.51 1.00 0.00	20.97 0.61 0.00	23.36 0.66 0.00	23.76 0.69 0.00	24.18 0.77 0.00	21.35 0.78 0.00	19.58 0.82 2.93	23.14 1.05 3.13	27.88 1.38 1.61	29.29 1.60 2.53	35.04 1.79 0.00	35.42 1.96 0.00	41.76 2.40 0.00	34.91 2.08 0.00	31.62 1.83 0.00	29.99 1.94 0.00	29.65 2.02 0.00	30.18 1.71 0.00	32.52 1.35 0.00	32.79 1.23 0.00	43.63 1.45 0.00	30.35 1.05 0.00	30.10 1.13 0.00
HILLSIDE_115KV_TB1 80332	28.24 0.12 0.00	25.40 -0.11 0.00	20.04 -0.32 0.00	22.46 -0.24 0.00	22.77 -0.31 0.00	23.22 -0.18 0.00	20.49 -0.08 0.00	21.60 -0.09 0.00	25.19 -0.03 0.00	28.19 0.08 0.00	30.32 0.10 0.00	33.37 0.12 0.00	33.35 -0.11 0.00	39.46 0.10 0.00	32.85 0.02 0.00	29.83 0.04 0.00	28.39 0.33 0.00	28.16 0.53 0.00	28.78 0.31 0.00	31.76 0.24 -0.35	32.25 0.05 -0.64	43.65 0.19 -1.27	30.00 0.19 -0.51	29.71 0.27 -0.48
HISHELDN_WT_PWR 323625	28.28 0.16 0.00	25.51 0.00 0.00	20.14 -0.22 0.00	22.41 -0.29 0.00	22.66 -0.42 0.00	23.10 -0.30 0.00	20.28 -0.29 0.00	21.36 -0.33 0.00	24.91 -0.31 0.00	28.00 -0.11 0.00	30.06 -0.16 0.00	33.25 0.00 0.00	33.13 -0.33 0.00	38.84 -0.52 0.00	32.31 -0.52 0.00	29.49 -0.31 0.00	28.07 0.02 0.00	27.94 0.31 0.00	28.72 0.25 0.00	31.37 0.20 0.00	31.46 -0.09 0.00	42.35 0.17 0.00	29.55 0.25 0.00	29.38 0.41 0.00
HOLTSVILLE_IC_1 23690	30.41 2.29 0.00	27.58 2.07 0.00	21.82 1.46 0.00	24.17 1.48 0.00	24.61 1.54 0.00	25.04 1.64 0.00	22.17 1.60 0.00	25.72 1.63 -2.41	29.91 2.11 -2.58	31.94 2.51 -1.32	42.81 2.96 -9.63	53.98 3.24 -17.49	99.29 3.36 -62.48	65.90 3.98 -22.56	41.60 3.33 -5.44	32.14 2.34 0.00	30.60 2.55 0.00	30.33 2.70 0.00	30.93 2.47 0.00	33.30 2.13 0.00	33.77 2.21 0.00	45.25 3.07 0.00	31.75 2.44 0.00	31.51 2.54 0.00
HOLTSVILLE_IC_10 23699	30.65 2.53 0.00	27.79 2.28 0.00	21.98 1.62 0.00	24.34 1.65 0.00	24.78 1.71 0.00	25.21 1.81 0.00	22.33 1.76 0.00	25.90 1.81 -2.41	30.13 2.33 -2.58	32.16 2.73 -1.32	43.07 3.22 -9.63	54.93 3.56 -18.12	102.67 3.70 -65.51	67.62 4.37 -23.89	41.92 3.65 -5.44	32.39 2.59 0.00	30.86 2.81 0.00	30.60 2.97 0.00	31.21 2.75 0.00	33.59 2.41 0.00	34.08 2.52 0.00	45.69 3.51 0.00	32.04 2.74 0.00	31.78 2.81 0.00
HOLTSVILLE_IC_2 23691	30.41 2.29 0.00	27.58 2.07 0.00	21.82 1.46 0.00	24.17 1.48 0.00	24.61 1.54 0.00	25.04 1.64 0.00	22.17 1.60 0.00	25.72 1.63 -2.41	29.91 2.11 -2.58	31.94 2.51 -1.32	42.81 2.96 -9.63	53.98 3.24 -17.49	99.29 3.36 -62.48	65.90 3.98 -22.56	41.60 3.33 -5.44	32.14 2.34 0.00	30.60 2.55 0.00	30.33 2.70 0.00	30.93 2.47 0.00	33.30 2.13 0.00	33.77 2.21 0.00	45.25 3.07 0.00	31.75 2.44 0.00	31.51 2.54 0.00
HOLTSVILLE_IC_3 23692	30.41 2.29 0.00	27.58 2.07 0.00	21.82 1.46 0.00	24.17 1.48 0.00	24.61 1.54 0.00	25.04 1.64 0.00	22.17 1.60 0.00	25.72 1.63 -2.41	29.91 2.11 -2.58	31.94 2.51 -1.32	42.81 2.96 -9.63	53.98 3.24 -17.49	99.29 3.36 -62.48	65.90 3.98 -22.56	41.60 3.33 -5.44	32.14 2.34 0.00	30.60 2.55 0.00	30.33 2.70 0.00	30.93 2.47 0.00	33.30 2.13 0.00	33.77 2.21 0.00	45.25 3.07 0.00	31.75 2.44 0.00	31.51 2.54 0.00

HOLTSVILLE_IC_4 23693	30.41 2.29 0.00	27.58 2.07 0.00	21.82 1.46 0.00	24.17 1.48 0.00	24.61 1.54 0.00	25.04 1.64 0.00	22.17 1.60 0.00	25.72 1.63 -2.41	29.91 2.11 -2.58	31.94 2.51 -1.32	42.81 2.96 -9.63	53.98 3.24 -17.49	99.29 3.36 -62.48	65.90 3.98 -22.56	41.60 3.33 -5.44	32.14 2.34 0.00	30.60 2.55 0.00	30.33 2.70 0.00	30.93 2.47 0.00	33.30 2.13 0.00	33.77 2.21 0.00	45.25 3.07 0.00	31.75 2.44 0.00	31.51 2.54 0.00
HOLTSVILLE_IC_5 23694	30.41 2.29 0.00	27.58 2.07 0.00	21.82 1.46 0.00	24.17 1.48 0.00	24.61 1.54 0.00	25.04 1.64 0.00	22.17 1.60 0.00	25.72 1.63 -2.41	29.91 2.11 -2.58	31.94 2.51 -1.32	42.81 2.96 -9.63	53.98 3.24 -17.49	99.29 3.36 -62.48	65.90 3.98 -22.56	41.60 3.33 -5.44	32.14 2.34 0.00	30.60 2.55 0.00	30.33 2.70 0.00	30.93 2.47 0.00	33.30 2.13 0.00	33.77 2.21 0.00	45.25 3.07 0.00	31.75 2.44 0.00	31.51 2.54 0.00
HOLTSVILLE_IC_6 23695	30.65 2.53 0.00	27.79 2.28 0.00	21.98 1.62 0.00	24.34 1.65 0.00	24.78 1.71 0.00	25.21 1.81 0.00	22.33 1.76 0.00	25.90 1.81 -2.41	30.13 2.33 -2.58	32.16 2.73 -1.32	43.07 3.22 -9.63	54.93 3.56 -18.12	102.67 3.70 -65.51	67.62 4.37 -23.89	41.92 3.65 -5.44	32.39 2.59 0.00	30.86 2.81 0.00	30.60 2.97 0.00	31.21 2.75 0.00	33.59 2.41 0.00	34.08 2.52 0.00	45.69 3.51 0.00	32.04 2.74 0.00	31.78 2.81 0.00
HOLTSVILLE_IC_7 23696	30.65 2.53 0.00	27.79 2.28 0.00	21.98 1.62 0.00	24.34 1.65 0.00	24.78 1.71 0.00	25.21 1.81 0.00	22.33 1.76 0.00	25.90 1.81 -2.41	30.13 2.33 -2.58	32.16 2.73 -1.32	43.07 3.22 -9.63	54.93 3.56 -18.12	102.67 3.70 -65.51	67.62 4.37 -23.89	41.92 3.65 -5.44	32.39 2.59 0.00	30.86 2.81 0.00	30.60 2.97 0.00	31.21 2.75 0.00	33.59 2.41 0.00	34.08 2.52 0.00	45.69 3.51 0.00	32.04 2.74 0.00	31.78 2.81 0.00
HOLTSVILLE_IC_8 23697	30.65 2.53 0.00	27.79 2.28 0.00	21.98 1.62 0.00	24.34 1.65 0.00	24.78 1.71 0.00	25.21 1.81 0.00	22.33 1.76 0.00	25.90 1.81 -2.41	30.13 2.33 -2.58	32.16 2.73 -1.32	43.07 3.22 -9.63	54.93 3.56 -18.12	102.67 3.70 -65.51	67.62 4.37 -23.89	41.92 3.65 -5.44	32.39 2.59 0.00	30.86 2.81 0.00	30.60 2.97 0.00	31.21 2.75 0.00	33.59 2.41 0.00	34.08 2.52 0.00	45.69 3.51 0.00	32.04 2.74 0.00	31.78 2.81 0.00
HOLTSVILLE_IC_9 23698	30.65 2.53 0.00	27.79 2.28 0.00	21.98 1.62 0.00	24.34 1.65 0.00	24.78 1.71 0.00	25.21 1.81 0.00	22.33 1.76 0.00	25.90 1.81 -2.41	30.13 2.33 -2.58	32.16 2.73 -1.32	43.07 3.22 -9.63	54.93 3.56 -18.12	102.67 3.70 -65.51	67.62 4.37 -23.89	41.92 3.65 -5.44	32.39 2.59 0.00	30.86 2.81 0.00	30.60 2.97 0.00	31.21 2.75 0.00	33.59 2.41 0.00	34.08 2.52 0.00	45.69 3.51 0.00	32.04 2.74 0.00	31.78 2.81 0.00
HOMER_HL_115KV_TB2 355744	28.62 0.49 0.00	25.75 0.24 0.00	20.31 -0.05 0.00	22.63 -0.06 0.00	22.93 -0.15 0.00	23.45 0.05 0.00	20.76 0.18 0.00	21.86 0.17 0.00	25.54 0.33 0.00	28.74 0.63 0.00	30.56 0.34 0.00	33.66 0.41 0.00	33.22 -0.24 0.00	38.88 -0.47 0.00	32.28 -0.55 0.00	29.36 -0.44 0.00	28.04 -0.01 0.00	27.89 0.26 0.00	28.56 0.10 0.00	31.17 0.00 0.00	31.31 -0.26 0.00	42.25 0.07 0.00	29.79 0.49 0.00	29.74 0.77 0.00
HOWARD_WT_PWR 323690	28.54 0.42 0.00	25.60 0.09 0.00	20.20 -0.16 0.00	22.46 -0.24 0.00	22.62 -0.46 0.00	23.21 -0.19 0.00	20.26 -0.31 0.00	21.30 -0.39 0.00	25.12 -0.10 0.00	28.35 0.24 0.00	30.57 0.35 0.00	33.74 0.49 0.00	33.60 0.14 0.00	39.80 0.44 0.00	33.22 0.39 0.00	30.24 0.44 0.00	28.68 0.63 0.00	28.43 0.80 0.00	29.08 0.61 0.00	32.12 0.70 -0.24	32.32 0.31 -0.45	43.60 0.54 -0.88	29.93 0.28 -0.35	29.73 0.43 -0.33
HQ_GEN_CEDARS 23644	28.32 0.20 0.00	25.73 0.22 0.00	20.61 0.25 0.00	22.96 0.27 0.00	23.41 0.33 0.00	23.72 0.32 0.00	20.81 0.23 0.00	21.91 0.23 0.00	25.48 0.26 0.00	28.37 0.27 0.00	30.43 0.21 0.00	33.49 0.24 0.00	33.63 0.17 0.00	39.22 -0.14 0.00	32.64 -0.19 0.00	29.61 -0.19 0.00	27.57 -0.48 0.00	26.95 -0.68 0.00	27.93 -0.54 0.00	30.83 -0.34 0.00	31.36 -0.20 0.00	42.42 0.24 0.00	29.44 0.14 0.00	29.00 0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	28.32 0.20 0.00	25.73 0.22 0.00	20.61 0.25 0.00	22.96 0.27 0.00	23.41 0.33 0.00	23.73 0.32 0.00	20.83 0.23 -0.02	21.91 0.23 0.00	25.48 0.26 0.00	28.37 0.26 0.00	30.43 0.21 0.00	33.49 0.24 0.00	33.63 0.17 0.00	39.22 -0.14 0.00	32.64 -0.19 0.00	29.61 -0.19 0.00	29.89 -0.49 -2.33	26.95 -0.68 0.00	27.93 -0.54 0.00	30.83 -0.34 0.00	31.37 -0.20 0.00	42.42 0.24 0.00	29.44 0.14 0.00	29.44 0.03 -0.43
HQ_GEN_IMPORT 323601	28.01 -0.11 0.00	25.43 -0.08 0.00	21.32 0.00 -0.96	23.02 0.00 -0.33	23.11 0.03 0.00	23.42 0.02 0.00	20.56 0.02 0.00	21.68 -0.01 0.00	25.20 -0.02 0.00	28.06 -0.05 0.00	30.13 -0.09 0.00	33.16 -0.09 0.00	33.34 -0.12 0.00	39.17 -0.18 0.00	32.66 -0.17 0.00	29.04 -0.17 0.60	20.85 -0.40 6.79	27.06 -0.57 0.00	28.04 -0.43 0.00	30.92 -0.25 0.00	31.39 -0.17 0.00	40.39 -0.12 1.67	29.21 -0.09 0.00	29.58 -0.16 -0.77
HQ_GEN_WHEEL 23651	28.01 -0.11 0.00	25.43 -0.08 0.00	21.32 0.00 -0.96	23.02 0.00 -0.33	23.11 0.03 0.00	23.42 0.02 0.00	20.56 0.02 0.00	21.68 -0.01 0.00	25.20 -0.02 0.00	28.06 -0.05 0.00	30.13 -0.09 0.00	33.16 -0.09 0.00	33.34 -0.12 0.00	39.17 -0.18 0.00	32.66 -0.17 0.00	29.04 -0.17 0.60	20.85 -0.40 6.79	27.06 -0.57 0.00	28.04 -0.43 0.00	30.92 -0.25 0.00	31.39 -0.17 0.00	40.39 -0.12 1.67	29.21 -0.09 0.00	29.58 -0.16 -0.77
HUDSON_AVE_GT_3 23810	29.71 1.58 0.00	26.89 1.38 0.00	21.29 0.93 0.00	23.68 0.99 0.00	24.09 1.02 0.00	24.51 1.11 0.00	21.68 1.10 0.00	25.31 1.19 -2.43	29.30 1.49 -2.60	31.26 1.82 -1.33	34.36 2.05 -2.10	35.51 2.26 0.00	35.90 2.44 0.00	42.30 2.95 0.00	35.38 2.55 0.00	32.05 2.25 0.00	30.48 2.43 0.00	30.11 2.48 0.00	30.64 2.17 0.00	32.98 1.81 0.00	33.24 1.68 0.00	44.24 2.06 0.00	30.82 1.51 0.00	30.54 1.57 0.00
HUDSON_AVE_GT_4 23540	29.71 1.58 0.00	26.89 1.38 0.00	21.29 0.93 0.00	23.68 0.99 0.00	24.09 1.02 0.00	24.51 1.11 0.00	21.68 1.10 0.00	25.31 1.19 -2.43	29.30 1.49 -2.60	31.26 1.82 -1.33	34.36 2.05 -2.10	35.51 2.26 0.00	35.90 2.44 0.00	42.30 2.95 0.00	35.38 2.55 0.00	32.05 2.25 0.00	30.48 2.43 0.00	30.11 2.48 0.00	30.64 2.17 0.00	32.98 1.81 0.00	33.24 1.68 0.00	44.24 2.06 0.00	30.82 1.51 0.00	30.54 1.57 0.00
HUDSON_AVE_GT_5 23657	29.71 1.58 0.00	26.89 1.38 0.00	21.29 0.93 0.00	23.68 0.99 0.00	24.09 1.02 0.00	24.51 1.11 0.00	21.68 1.10 0.00	25.31 1.19 -2.43	29.30 1.49 -2.60	31.26 1.82 -1.33	34.36 2.05 -2.10	35.51 2.26 0.00	35.90 2.44 0.00	42.30 2.95 0.00	35.38 2.55 0.00	32.05 2.25 0.00	30.48 2.43 0.00	30.11 2.48 0.00	30.64 2.17 0.00	32.98 1.81 0.00	33.24 1.68 0.00	44.24 2.06 0.00	30.82 1.51 0.00	30.54 1.57 0.00

HUDSON_AVE_10 24168	29.59 1.47 0.00	26.77 1.27 0.00	21.20 0.84 0.00	23.59 0.90 0.00	24.00 0.92 0.00	24.42 1.01 0.00	21.59 1.01 0.00	25.21 1.09 -2.43	29.19 1.37 -2.60	31.15 1.71 -1.33	34.22 1.90 -2.10	35.36 2.11 0.00	35.74 2.28 0.00	42.11 2.76 0.00	35.23 2.40 0.00	31.89 2.09 0.00	30.33 2.28 0.00	29.97 2.34 0.00	30.50 2.03 0.00	32.83 1.66 0.00	33.09 1.53 0.00	44.05 1.87 0.00	30.71 1.41 0.00	30.43 1.46 0.00
HUDSON___115KV_TB 4 355613	29.43 1.31 0.00	26.69 1.18 0.00	21.32 0.96 0.00	23.81 1.12 0.00	24.20 1.12 0.00	24.50 1.10 0.00	21.53 0.95 0.00	23.19 0.98 -0.52	26.83 1.06 -0.56	29.31 0.92 -0.29	31.70 1.04 -0.45	34.31 1.06 0.00	34.65 1.19 0.00	40.75 1.40 0.00	34.05 1.22 0.00	30.94 1.14 0.00	29.22 1.17 0.00	29.05 1.42 0.00	29.93 1.46 0.00	32.60 1.43 0.00	33.02 1.46 0.00	43.94 1.76 0.00	30.55 1.24 0.00	30.27 1.30 0.00
HUNTER MOUNT___DRP 323613	29.63 1.51 0.00	26.86 1.36 0.00	21.47 1.10 0.00	23.99 1.30 0.00	24.37 1.30 0.00	24.68 1.28 0.00	21.68 1.11 0.00	23.30 1.14 -0.47	26.96 1.24 -0.50	29.44 1.07 -0.26	31.81 1.18 -0.41	34.46 1.21 0.00	34.81 1.35 0.00	40.93 1.58 0.00	34.20 1.38 0.00	31.07 1.27 0.00	29.32 1.27 0.00	29.21 1.58 0.00	30.22 1.75 0.00	32.95 1.78 0.00	33.36 1.80 0.00	44.38 2.20 0.00	30.85 1.54 0.00	30.56 1.59 0.00
HUNTINGTON_RES_REC 323705	30.34 2.22 0.00	27.50 1.99 0.00	21.75 1.39 0.00	24.10 1.40 0.00	24.54 1.46 0.00	24.96 1.55 0.00	22.09 1.51 0.00	25.67 1.57 -2.41	29.84 2.04 -2.58	31.84 2.41 -1.32	42.72 2.87 -9.63	68.58 3.20 -32.14	170.53 3.39 -133.68	97.28 4.06 -53.87	41.67 3.37 -5.47	32.16 2.36 0.00	30.63 2.57 0.00	30.38 2.75 0.00	30.95 2.48 0.00	33.29 2.12 0.00	33.73 2.16 0.00	45.15 2.97 0.00	31.63 2.33 0.00	31.38 2.41 0.00
HUNTLEY___63 23557	28.40 0.28 0.00	25.63 0.12 0.00	20.24 -0.12 0.00	22.48 -0.21 0.00	22.74 -0.33 0.00	23.23 -0.17 0.00	20.50 -0.08 0.00	21.54 -0.15 0.00	24.95 -0.27 0.00	28.15 0.04 0.00	29.94 -0.28 0.00	33.04 -0.21 0.00	32.84 -0.62 0.00	38.34 -1.01 0.00	31.88 -0.95 0.00	29.19 -0.61 0.00	27.85 -0.20 0.00	27.76 0.13 0.00	28.59 0.12 0.00	31.18 0.01 0.00	31.30 -0.27 0.00	42.13 -0.05 0.00	29.55 0.24 0.00	29.39 0.42 0.00
HUNTLEY___64 23558	28.40 0.28 0.00	25.63 0.12 0.00	20.24 -0.12 0.00	22.48 -0.21 0.00	22.74 -0.33 0.00	23.23 -0.17 0.00	20.50 -0.08 0.00	21.54 -0.15 0.00	24.95 -0.27 0.00	28.15 0.04 0.00	29.94 -0.28 0.00	33.04 -0.21 0.00	32.84 -0.62 0.00	38.34 -1.01 0.00	31.88 -0.95 0.00	29.19 -0.61 0.00	27.85 -0.20 0.00	27.76 0.13 0.00	28.59 0.12 0.00	31.18 0.01 0.00	31.30 -0.27 0.00	42.13 -0.05 0.00	29.55 0.24 0.00	29.39 0.42 0.00
HUNTLEY___65 23559	28.40 0.28 0.00	25.63 0.12 0.00	20.24 -0.12 0.00	22.48 -0.21 0.00	22.74 -0.33 0.00	23.23 -0.17 0.00	20.50 -0.08 0.00	21.54 -0.15 0.00	24.95 -0.27 0.00	28.15 0.04 0.00	29.94 -0.28 0.00	33.04 -0.21 0.00	32.84 -0.62 0.00	38.34 -1.01 0.00	31.88 -0.95 0.00	29.19 -0.61 0.00	27.85 -0.20 0.00	27.76 0.13 0.00	28.59 0.12 0.00	31.18 0.01 0.00	31.30 -0.27 0.00	42.13 -0.05 0.00	29.55 0.24 0.00	29.39 0.42 0.00
HUNTLEY___66 23560	28.40 0.28 0.00	25.63 0.12 0.00	20.24 -0.12 0.00	22.48 -0.21 0.00	22.74 -0.33 0.00	23.23 -0.17 0.00	20.50 -0.08 0.00	21.54 -0.15 0.00	24.95 -0.27 0.00	28.15 0.04 0.00	29.94 -0.28 0.00	33.04 -0.21 0.00	32.84 -0.62 0.00	38.34 -1.01 0.00	31.88 -0.95 0.00	29.19 -0.61 0.00	27.85 -0.20 0.00	27.76 0.13 0.00	28.59 0.12 0.00	31.18 0.01 0.00	31.30 -0.27 0.00	42.13 -0.05 0.00	29.55 0.24 0.00	29.39 0.42 0.00
HUNTLEY___67 23561	28.16 0.04 0.00	25.40 -0.11 0.00	20.06 -0.30 0.00	22.29 -0.41 0.00	22.55 -0.52 0.00	23.02 -0.38 0.00	20.32 -0.25 0.00	21.37 -0.32 0.00	24.79 -0.43 0.00	27.95 -0.16 0.00	29.78 -0.44 0.00	32.91 -0.34 0.00	32.71 -0.75 0.00	38.23 -1.12 0.00	31.78 -1.05 0.00	29.08 -0.72 0.00	27.73 -0.32 0.00	27.61 -0.03 0.00	28.42 -0.05 0.00	31.04 -0.13 0.00	31.17 -0.40 0.00	42.00 -0.18 0.00	29.41 0.10 0.00	29.21 0.24 0.00
HUNTLEY___68 23562	28.16 0.04 0.00	25.40 -0.11 0.00	20.06 -0.30 0.00	22.29 -0.41 0.00	22.55 -0.52 0.00	23.02 -0.38 0.00	20.32 -0.25 0.00	21.37 -0.32 0.00	24.79 -0.43 0.00	27.95 -0.16 0.00	29.78 -0.44 0.00	32.91 -0.34 0.00	32.71 -0.75 0.00	38.23 -1.12 0.00	31.78 -1.05 0.00	29.08 -0.72 0.00	27.73 -0.32 0.00	27.61 -0.03 0.00	28.42 -0.05 0.00	31.04 -0.13 0.00	31.17 -0.40 0.00	42.00 -0.18 0.00	29.41 0.10 0.00	29.21 0.24 0.00
HYLAND___LFGE 323620	28.80 0.68 0.00	25.93 0.43 0.00	20.50 0.14 0.00	22.76 0.07 0.00	23.07 0.00 0.00	23.53 0.13 0.00	20.74 0.16 0.00	21.71 0.02 0.00	24.84 -0.37 0.00	27.66 -0.45 0.00	29.74 -0.47 0.00	32.82 -0.43 0.00	32.66 -0.79 0.00	38.30 -1.06 0.00	31.93 -0.90 0.00	29.24 -0.56 0.00	28.03 -0.02 0.00	27.78 0.15 0.00	28.68 0.21 0.00	31.93 0.75 0.00	32.59 1.03 0.00	43.83 1.64 0.00	30.50 1.19 0.00	30.66 1.70 0.00
INDECK___CORINTH 23802	29.70 1.58 0.00	26.82 1.31 0.00	21.26 0.90 0.00	23.79 1.10 0.00	24.23 1.15 0.00	24.58 1.18 0.00	21.67 1.09 0.00	23.45 1.21 -0.54	27.21 1.41 -0.58	29.85 1.44 -0.30	32.22 1.53 -0.47	34.81 1.56 0.00	35.03 1.57 0.00	40.92 1.57 0.00	34.15 1.32 0.00	31.20 1.40 0.00	29.56 1.51 0.00	29.33 1.70 0.00	30.28 1.81 0.00	32.85 1.68 0.00	33.53 1.97 0.00	44.63 2.45 0.00	31.04 1.73 0.00	30.74 1.77 0.00
INDECK___ILION 23567	28.17 0.05 0.00	25.50 -0.01 0.00	20.31 -0.05 0.00	22.69 -0.01 0.00	23.05 -0.03 0.00	23.38 -0.02 0.00	20.57 -0.01 0.00	21.66 -0.03 0.00	25.20 -0.02 0.00	28.05 -0.06 0.00	30.19 -0.03 0.00	33.21 -0.04 0.00	33.45 -0.01 0.00	39.43 0.07 0.00	32.90 0.07 0.00	29.84 0.05 0.00	28.23 0.18 0.00	27.94 0.30 0.00	28.71 0.25 0.00	31.30 0.13 0.00	31.64 0.07 0.00	42.21 0.03 0.00	29.36 0.06 0.00	29.03 0.06 0.00
INDECK___OLEAN 23982	28.62 0.49 0.00	25.75 0.24 0.00	20.31 -0.05 0.00	22.64 -0.05 0.00	22.93 -0.15 0.00	23.46 0.06 0.00	20.75 0.18 0.00	21.86 0.17 0.00	25.54 0.33 0.00	28.74 0.64 0.00	30.57 0.35 0.00	33.66 0.41 0.00	33.23 -0.23 0.00	38.90 -0.46 0.00	32.28 -0.55 0.00	29.37 -0.43 0.00	28.05 -0.01 0.00	27.89 0.26 0.00	28.56 0.10 0.00	31.18 0.01 0.00	31.31 -0.25 0.00	42.26 0.08 0.00	29.77 0.47 0.00	29.74 0.78 0.00
INDECK___OSWEGO 23783	27.33 -0.80 0.00	24.81 -0.70 0.00	19.78 -0.58 0.00	22.00 -0.69 0.00	22.36 -0.71 0.00	22.70 -0.70 0.00	20.01 -0.57 0.00	21.07 -0.62 0.00	24.37 -0.85 0.00	27.12 -0.99 0.00	29.17 -1.05 0.00	32.06 -1.19 0.00	32.23 -1.23 0.00	37.94 -1.41 0.00	31.65 -1.18 0.00	28.77 -1.03 0.00	27.20 -0.85 0.00	26.90 -0.73 0.00	27.66 -0.80 0.00	32.92 -0.90 -2.64	35.51 -0.91 -4.86	50.55 -1.21 -9.58	32.24 -0.88 -3.81	31.81 -0.76 -3.60

INDECK___YERKES 23781	28.43 0.31 0.00	25.65 0.15 0.00	20.27 -0.09 0.00	22.52 -0.18 0.00	22.77 -0.31 0.00	23.27 -0.14 0.00	20.51 -0.07 0.00	21.56 -0.13 0.00	24.98 -0.24 0.00	28.18 0.07 0.00	29.97 -0.25 0.00	33.05 -0.20 0.00	32.85 -0.61 0.00	38.36 -0.99 0.00	31.88 -0.95 0.00	29.19 -0.61 0.00	27.85 -0.20 0.00	27.75 0.12 0.00	28.58 0.12 0.00	31.18 0.01 0.00	31.29 -0.27 0.00	42.14 -0.04 0.00	29.53 0.22 0.00	29.43 0.46 0.00
INDIAN POINT_GT_1 24139	29.46 1.33 0.00	26.67 1.17 0.00	21.12 0.76 0.00	23.52 0.82 0.00	23.92 0.85 0.00	24.33 0.93 0.00	21.49 0.92 0.00	25.47 0.97 -2.81	29.44 1.21 -3.01	31.10 1.45 -1.54	34.31 1.66 -2.43	35.08 1.83 0.00	35.44 1.98 0.00	41.77 2.41 0.00	34.92 2.09 0.00	31.63 1.83 0.00	30.08 2.03 0.00	29.75 2.12 0.00	30.32 1.85 0.00	32.68 1.51 0.00	32.96 1.40 0.00	43.86 1.68 0.00	30.52 1.22 0.00	30.25 1.28 0.00
INDIAN POINT_GT_2 23659	29.46 1.33 0.00	26.67 1.17 0.00	21.12 0.76 0.00	23.52 0.82 0.00	23.92 0.85 0.00	24.33 0.93 0.00	21.49 0.92 0.00	25.47 0.97 -2.81	29.44 1.21 -3.01	31.10 1.45 -1.54	34.31 1.66 -2.43	35.08 1.83 0.00	35.44 1.98 0.00	41.77 2.41 0.00	34.92 2.09 0.00	31.63 1.83 0.00	30.08 2.03 0.00	29.75 2.12 0.00	30.32 1.85 0.00	32.68 1.51 0.00	32.96 1.40 0.00	43.86 1.68 0.00	30.52 1.22 0.00	30.25 1.28 0.00
INDIAN POINT_GT_3 24019	29.46 1.33 0.00	26.67 1.17 0.00	21.12 0.76 0.00	23.52 0.82 0.00	23.92 0.85 0.00	24.33 0.93 0.00	21.49 0.92 0.00	25.47 0.97 -2.81	29.44 1.21 -3.01	31.10 1.45 -1.54	34.31 1.66 -2.43	35.08 1.83 0.00	35.44 1.98 0.00	41.77 2.41 0.00	34.92 2.09 0.00	31.63 1.83 0.00	30.08 2.03 0.00	29.75 2.12 0.00	30.32 1.85 0.00	32.68 1.51 0.00	32.96 1.40 0.00	43.86 1.68 0.00	30.52 1.22 0.00	30.25 1.28 0.00
INDIAN POINT___2 23530	29.40 1.27 0.00	26.62 1.11 0.00	21.08 0.72 0.00	23.46 0.77 0.00	23.87 0.80 0.00	24.28 0.88 0.00	21.45 0.88 0.00	26.37 0.93 -3.76	30.39 1.15 -4.02	31.56 1.39 -2.06	35.06 1.60 -3.24	35.01 1.76 0.00	35.38 1.92 0.00	41.69 2.33 0.00	34.86 2.03 0.00	31.57 1.77 0.00	30.02 1.97 0.00	29.70 2.06 0.00	30.25 1.79 0.00	32.61 1.44 0.00	32.89 1.33 0.00	43.77 1.59 0.00	30.47 1.16 0.00	30.20 1.23 0.00
INDIAN POINT___3 23531	29.41 1.29 0.00	26.63 1.13 0.00	21.10 0.74 0.00	23.49 0.80 0.00	23.90 0.82 0.00	24.30 0.90 0.00	21.46 0.89 0.00	25.52 0.94 -2.89	29.47 1.16 -3.09	31.09 1.40 -1.58	34.31 1.60 -2.49	35.01 1.76 0.00	35.38 1.92 0.00	41.68 2.33 0.00	34.85 2.02 0.00	31.57 1.77 0.00	30.02 1.96 0.00	29.70 2.06 0.00	30.26 1.79 0.00	32.62 1.45 0.00	32.90 1.34 0.00	43.78 1.60 0.00	30.47 1.17 0.00	30.21 1.24 0.00
INGHAM_C_115KV_TB7 356103	28.07 -0.05 0.00	25.37 -0.14 0.00	20.17 -0.19 0.00	22.57 -0.12 0.00	22.95 -0.12 0.00	23.26 -0.14 0.00	20.47 -0.11 0.00	21.53 -0.16 0.00	25.04 -0.18 0.00	27.82 -0.29 0.00	29.97 -0.25 0.00	32.99 -0.26 0.00	33.21 -0.25 0.00	39.22 -0.13 0.00	32.73 -0.09 0.00	29.67 -0.12 0.00	28.17 0.12 0.00	28.06 0.42 0.00	28.78 0.32 0.00	31.23 0.05 0.00	31.51 -0.05 0.00	42.02 -0.16 0.00	29.29 -0.01 0.00	28.99 0.02 0.00
IP CORINTH___1 23988	29.87 1.75 0.00	26.96 1.45 0.00	21.38 1.02 0.00	23.92 1.23 0.00	24.35 1.27 0.00	24.70 1.30 0.00	21.78 1.21 0.00	23.57 1.34 -0.54	27.35 1.55 -0.58	30.01 1.60 -0.30	32.39 1.70 -0.47	35.01 1.75 0.00	35.22 1.76 0.00	41.15 1.79 0.00	34.34 1.51 0.00	31.36 1.56 0.00	29.73 1.68 0.00	29.50 1.87 0.00	30.44 1.97 0.00	33.03 1.86 0.00	33.71 2.15 0.00	44.87 2.69 0.00	31.21 1.91 0.00	30.91 1.94 0.00
IP___TICONDEROGA 23804	31.43 3.31 0.00	28.04 2.53 0.00	22.06 1.70 0.00	24.77 2.08 0.00	25.31 2.23 0.00	25.70 2.30 0.00	22.80 2.23 0.00	24.83 2.60 -0.55	28.77 2.97 -0.58	31.54 3.13 -0.30	34.22 3.53 -0.47	37.06 3.81 0.00	37.20 3.74 0.00	43.51 4.16 0.00	36.17 3.34 0.00	33.62 3.82 0.00	31.82 3.77 0.00	31.74 4.11 0.00	32.47 4.00 0.00	34.88 3.70 0.00	35.42 3.86 0.00	47.11 4.93 0.00	32.84 3.54 0.00	32.61 3.64 0.00
ISLIP_RES_REC 323679	30.82 2.70 0.00	27.93 2.42 0.00	22.08 1.72 0.00	24.46 1.76 0.00	24.90 1.82 0.00	25.33 1.93 0.00	22.45 1.87 0.00	26.04 1.94 -2.41	30.30 2.51 -2.58	32.35 2.93 -1.32	43.30 3.45 -9.63	54.28 3.83 -17.20	98.49 3.99 -61.05	66.00 4.71 -21.93	42.19 3.93 -5.43	32.63 2.84 0.00	31.11 3.06 0.00	30.84 3.21 0.00	31.45 2.98 0.00	33.83 2.66 0.00	34.32 2.76 0.00	46.02 3.84 0.00	32.26 2.96 0.00	31.97 3.00 0.00
JAMAICA__27_KV_LOAD 355505	29.80 1.68 0.00	26.94 1.43 0.00	21.33 0.97 0.00	23.73 1.04 0.00	24.14 1.06 0.00	24.56 1.16 0.00	21.71 1.13 0.00	25.34 1.22 -2.43	29.33 1.51 -2.60	31.38 1.94 -1.33	34.40 2.09 -2.10	35.60 2.35 0.00	35.96 2.51 0.00	42.33 2.98 0.00	35.42 2.59 0.00	32.04 2.24 0.00	30.48 2.43 0.00	30.13 2.49 0.00	30.66 2.20 0.00	33.03 1.86 0.00	33.30 1.74 0.00	44.37 2.19 0.00	30.99 1.69 0.00	30.68 1.71 0.00
JANIS___SOLAR 323808	29.31 1.19 0.00	26.43 0.93 0.00	20.96 0.60 0.00	23.36 0.66 0.00	23.71 0.63 0.00	24.13 0.73 0.00	21.28 0.71 0.00	22.41 0.72 0.00	26.01 0.79 0.00	28.98 0.87 0.00	30.94 0.72 0.00	34.04 0.79 0.00	34.18 0.72 0.00	40.37 1.01 0.00	33.79 0.96 0.00	30.72 0.92 0.00	29.25 1.21 0.00	29.06 1.43 0.00	30.02 1.55 0.00	33.50 1.79 -0.53	34.32 1.78 -0.98	46.50 2.40 -1.92	31.54 1.47 -0.76	31.05 1.36 -0.72
JARVIS____ 23743	28.15 0.03 0.00	25.51 0.01 0.00	20.36 0.00 0.00	22.70 0.00 0.00	23.05 -0.02 0.00	23.38 -0.02 0.00	20.57 -0.01 0.00	21.69 0.00 0.00	25.22 0.00 0.00	28.11 0.00 0.00	30.25 0.03 0.00	33.28 0.03 0.00	33.49 0.03 0.00	39.41 0.05 0.00	32.88 0.05 0.00	29.84 0.04 0.00	28.15 0.10 0.00	27.77 0.14 0.00	28.58 0.11 0.00	31.23 0.06 0.00	31.60 0.04 0.00	42.20 0.02 0.00	29.32 0.01 0.00	28.99 0.02 0.00
JENNISON___1 23625	29.45 1.33 0.00	26.57 1.06 0.00	21.08 0.72 0.00	23.52 0.82 0.00	23.87 0.80 0.00	24.27 0.87 0.00	21.41 0.84 0.00	22.60 0.92 0.00	26.33 1.11 0.00	29.42 1.31 0.00	31.55 1.33 0.00	34.73 1.48 0.00	34.89 1.43 0.00	41.17 1.82 0.00	34.38 1.56 0.00	31.31 1.51 0.00	29.74 1.69 0.00	29.49 1.86 0.00	30.32 1.86 0.00	33.53 1.99 -0.37	34.15 1.91 -0.69	46.06 2.53 -1.35	31.45 1.61 -0.54	30.98 1.50 -0.51
JENNISON___2 23626	29.45 1.33 0.00	26.57 1.06 0.00	21.08 0.72 0.00	23.52 0.82 0.00	23.87 0.80 0.00	24.27 0.87 0.00	21.41 0.84 0.00	22.60 0.92 0.00	26.33 1.11 0.00	29.42 1.31 0.00	31.55 1.33 0.00	34.73 1.48 0.00	34.89 1.43 0.00	41.17 1.82 0.00	34.38 1.56 0.00	31.31 1.51 0.00	29.74 1.69 0.00	29.49 1.86 0.00	30.32 1.86 0.00	33.53 1.99 -0.37	34.15 1.91 -0.69	46.06 2.53 -1.35	31.45 1.61 -0.54	30.98 1.50 -0.51

JERICO_RISE_WT_PWR 323719	28.22 0.10 0.00	25.64 0.13 0.00	20.56 0.20 0.00	22.96 0.26 0.00	23.41 0.34 0.00	23.72 0.32 0.00	20.87 0.30 0.00	22.00 0.32 0.00	25.57 0.35 0.00	28.39 0.28 0.00	30.49 0.27 0.00	33.60 0.35 0.00	33.75 0.29 0.00	39.63 0.27 0.00	33.01 0.18 0.00	30.00 0.20 0.00	27.93 -0.12 0.00	27.41 -0.22 0.00	28.41 -0.06 0.00	31.25 0.08 0.00	31.82 0.26 0.00	42.70 0.52 0.00	29.64 0.33 0.00	29.13 0.16 0.00
KATONAH__115KV_46KV_TB4 355592	29.92 1.80 0.00	27.08 1.57 0.00	21.45 1.09 0.00	23.87 1.17 0.00	24.28 1.20 0.00	24.70 1.29 0.00	21.82 1.25 0.00	24.51 1.35 -1.47	28.40 1.53 -1.65	30.68 1.71 -0.86	33.53 1.95 -1.36	35.40 2.15 0.00	35.77 2.31 0.00	42.16 2.81 0.00	35.26 2.43 0.00	31.96 2.17 0.00	30.40 2.36 0.00	30.07 2.44 0.00	30.64 2.17 0.00	33.03 1.86 0.00	33.30 1.74 0.00	44.30 2.12 0.00	30.81 1.51 0.00	30.51 1.54 0.00
KCE_NY_1 323755	29.84 1.72 0.00	27.05 1.54 0.00	21.48 1.12 0.00	24.02 1.33 0.00	24.41 1.34 0.00	24.76 1.36 0.00	21.81 1.24 0.00	23.59 1.35 -0.55	27.36 1.55 -0.59	30.04 1.63 -0.30	32.56 1.87 -0.48	35.14 1.90 0.00	35.42 1.96 0.00	41.56 2.20 0.00	34.67 1.84 0.00	31.54 1.75 0.00	29.92 1.88 0.00	29.68 2.04 0.00	30.49 2.03 0.00	33.17 1.99 0.00	33.59 2.03 0.00	44.72 2.54 0.00	31.11 1.80 0.00	30.81 1.84 0.00
KCE_NY_6_ESR 323823	28.51 0.39 0.00	25.68 0.17 0.00	20.28 -0.08 0.00	22.54 -0.15 0.00	22.80 -0.27 0.00	23.28 -0.12 0.00	20.54 -0.03 0.00	21.61 -0.07 0.00	25.13 -0.09 0.00	28.33 0.22 0.00	30.26 0.04 0.00	33.46 0.21 0.00	33.27 -0.18 0.00	38.95 -0.40 0.00	32.38 -0.45 0.00	29.61 -0.19 0.00	28.22 0.18 0.00	28.11 0.48 0.00	28.90 0.44 0.00	31.56 0.39 0.00	31.68 0.12 0.00	42.69 0.51 0.00	29.84 0.53 0.00	29.62 0.65 0.00
KEDC_PORT_JEFF_GT2 24210	30.54 2.42 0.00	27.68 2.17 0.00	21.90 1.54 0.00	24.25 1.55 0.00	24.68 1.61 0.00	25.11 1.71 0.00	22.25 1.67 0.00	25.81 1.72 -2.41	30.02 2.22 -2.58	32.06 2.63 -1.32	42.97 3.12 -9.63	56.07 3.46 -19.37	108.61 3.56 -71.59	70.14 4.22 -26.57	41.79 3.53 -5.44	32.08 2.28 0.00	30.52 2.47 0.00	30.26 2.63 0.00	30.85 2.39 0.00	33.20 2.03 0.00	33.70 2.14 0.00	45.38 3.20 0.00	31.86 2.55 0.00	31.64 2.67 0.00
KEDC_PORT_JEFF_GT3 24211	30.54 2.42 0.00	27.68 2.17 0.00	21.90 1.54 0.00	24.25 1.55 0.00	24.68 1.61 0.00	25.11 1.71 0.00	22.25 1.67 0.00	25.81 1.72 -2.41	30.02 2.22 -2.58	32.06 2.63 -1.32	42.97 3.12 -9.63	56.07 3.46 -19.37	108.61 3.56 -71.59	70.14 4.22 -26.57	41.79 3.53 -5.44	32.08 2.28 0.00	30.52 2.47 0.00	30.26 2.63 0.00	30.85 2.39 0.00	33.20 2.03 0.00	33.70 2.14 0.00	45.38 3.20 0.00	31.86 2.55 0.00	31.64 2.67 0.00
KEDC_GLWD_GT4 24219	29.76 1.64 0.00	27.13 1.62 0.00	21.48 1.12 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.83 1.25 0.00	25.42 1.32 -2.41	29.28 1.49 -2.58	31.26 1.83 -1.32	42.02 2.17 -9.63	43.46 2.39 -7.82	51.49 2.55 -15.48	44.34 3.10 -1.89	40.45 2.65 -4.98	31.98 2.18 0.00	30.43 2.39 0.00	30.12 2.49 0.00	30.65 2.18 0.00	33.09 1.92 0.00	33.54 1.98 0.00	44.62 2.44 0.00	30.97 1.66 0.00	30.68 1.71 0.00
KEDC_GLWD_GT5 24220	29.76 1.64 0.00	27.13 1.62 0.00	21.48 1.12 0.00	23.87 1.17 0.00	24.29 1.21 0.00	24.70 1.30 0.00	21.83 1.25 0.00	25.42 1.32 -2.41	29.28 1.49 -2.58	31.26 1.83 -1.32	42.02 2.17 -9.63	43.46 2.39 -7.82	51.49 2.55 -15.48	44.34 3.10 -1.89	40.45 2.65 -4.98	31.98 2.18 0.00	30.43 2.39 0.00	30.12 2.49 0.00	30.65 2.18 0.00	33.09 1.92 0.00	33.54 1.98 0.00	44.62 2.44 0.00	30.97 1.66 0.00	30.68 1.71 0.00
KENSICO____ 23655	29.55 1.43 0.00	26.77 1.26 0.00	21.20 0.84 0.00	23.60 0.91 0.00	24.01 0.94 0.00	24.42 1.02 0.00	21.57 0.99 0.00	25.33 1.06 -2.58	29.29 1.31 -2.76	31.10 1.58 -1.42	34.24 1.79 -2.23	35.22 1.97 0.00	35.59 2.13 0.00	41.94 2.58 0.00	35.06 2.23 0.00	31.75 1.95 0.00	30.19 2.15 0.00	29.86 2.23 0.00	30.42 1.95 0.00	32.78 1.61 0.00	33.06 1.50 0.00	43.99 1.81 0.00	30.63 1.33 0.00	30.36 1.39 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.61 1.49 0.00	26.78 1.27 0.00	21.21 0.85 0.00	23.61 0.91 0.00	24.01 0.93 0.00	24.40 1.00 0.00	21.53 0.96 0.00	22.71 1.03 0.00	26.45 1.23 0.00	29.62 1.51 0.00	31.91 1.69 0.00	35.15 1.90 0.00	35.53 2.07 0.00	41.96 2.61 0.00	34.76 1.93 0.00	31.49 1.69 0.00	30.00 1.95 0.00	29.78 2.15 0.00	30.37 1.91 0.00	32.85 1.67 0.00	33.33 1.77 0.00	44.31 2.13 0.00	30.76 1.46 0.00	30.42 1.46 0.00
KIAC_JFK_GT1 23816	29.63 1.51 0.00	26.80 1.29 0.00	21.23 0.87 0.00	23.62 0.92 0.00	24.02 0.95 0.00	24.44 1.04 0.00	21.53 0.96 0.00	25.15 1.04 -2.43	29.11 1.29 -2.60	31.10 1.67 -1.33	34.10 1.79 -2.10	35.26 2.01 0.00	35.63 2.17 0.00	41.93 2.58 0.00	35.07 2.24 0.00	31.71 1.91 0.00	30.19 2.14 0.00	29.84 2.21 0.00	30.38 1.91 0.00	32.72 1.55 0.00	33.01 1.45 0.00	43.97 1.79 0.00	30.72 1.41 0.00	30.42 1.45 0.00
KIAC_JFK_GT2 23817	29.63 1.51 0.00	26.80 1.29 0.00	21.23 0.87 0.00	23.62 0.92 0.00	24.02 0.95 0.00	24.44 1.04 0.00	21.53 0.96 0.00	25.15 1.04 -2.43	29.11 1.29 -2.60	31.10 1.67 -1.33	34.10 1.79 -2.10	35.26 2.01 0.00	35.63 2.17 0.00	41.93 2.58 0.00	35.07 2.24 0.00	31.71 1.91 0.00	30.19 2.14 0.00	29.84 2.21 0.00	30.38 1.91 0.00	32.72 1.55 0.00	33.01 1.45 0.00	43.97 1.79 0.00	30.72 1.41 0.00	30.42 1.45 0.00
KIAC_JFK____ 323774	29.63 1.51 0.00	26.80 1.29 0.00	21.23 0.87 0.00	23.61 0.92 0.00	24.02 0.95 0.00	24.43 1.03 0.00	21.53 0.96 0.00	25.15 1.04 -2.43	29.11 1.29 -2.60	31.10 1.66 -1.33	34.10 1.78 -2.10	35.26 2.01 0.00	35.62 2.17 0.00	41.93 2.58 0.00	35.07 2.24 0.00	31.71 1.91 0.00	30.19 2.14 0.00	29.84 2.21 0.00	30.38 1.91 0.00	32.72 1.54 0.00	33.01 1.45 0.00	43.96 1.78 0.00	30.73 1.42 0.00	30.41 1.44 0.00
KINTIGH____ 23543	27.98 -0.14 0.00	25.26 -0.25 0.00	20.00 -0.36 0.00	22.21 -0.49 0.00	22.49 -0.58 0.00	22.95 -0.45 0.00	20.27 -0.31 0.00	21.32 -0.37 0.00	24.73 -0.49 0.00	27.84 -0.27 0.00	29.66 -0.55 0.00	32.73 -0.52 0.00	32.58 -0.88 0.00	38.09 -1.26 0.00	31.67 -1.17 0.00	28.94 -0.86 0.00	27.54 -0.51 0.00	27.41 -0.23 0.00	28.23 -0.23 0.00	30.86 -0.32 0.00	31.02 -0.55 0.00	41.77 -0.41 0.00	29.22 -0.09 0.00	29.03 0.06 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.63 0.51 0.00	25.95 0.44 0.00	20.79 0.43 0.00	23.23 0.54 0.00	23.68 0.61 0.00	24.02 0.61 0.00	21.19 0.61 0.00	22.60 0.91 0.00	26.20 0.98 0.00	29.03 0.92 0.00	31.28 1.06 0.00	34.18 0.92 0.00	34.25 0.79 0.00	40.21 0.85 0.00	33.51 0.68 0.00	30.54 0.74 0.00	28.43 0.38 0.00	28.02 0.39 0.00	29.00 0.53 0.00	31.81 0.64 0.00	32.44 0.88 0.00	43.49 1.31 0.00	30.19 0.88 0.00	29.67 0.70 0.00

LACHUTE____HYDRO 323717	31.43 3.31 0.00	28.04 2.53 0.00	22.06 1.70 0.00	24.78 2.08 0.00	25.31 2.23 0.00	25.70 2.30 0.00	22.80 2.23 0.00	24.83 2.59 -0.55	28.77 2.97 -0.58	31.54 3.13 -0.30	34.21 3.52 -0.47	37.06 3.81 0.00	37.20 3.74 0.00	43.51 4.16 0.00	36.17 3.34 0.00	33.62 3.82 0.00	31.82 3.77 0.00	31.74 4.11 0.00	32.47 4.00 0.00	34.88 3.70 0.00	35.42 3.86 0.00	47.11 4.93 0.00	32.83 3.53 0.00	32.61 3.64 0.00
LAWRNCAV_115KV_TB1 80681	28.24 0.12 0.00	25.63 0.13 0.00	20.53 0.17 0.00	22.86 0.16 0.00	23.31 0.23 0.00	23.62 0.22 0.00	20.67 0.09 0.00	21.69 0.01 0.00	25.24 0.02 0.00	28.10 -0.01 0.00	30.15 -0.07 0.00	33.10 -0.14 0.00	33.25 -0.21 0.00	38.79 -0.57 0.00	32.21 -0.62 0.00	29.22 -0.58 0.00	27.16 -0.89 0.00	26.57 -1.06 0.00	27.55 -0.92 0.00	30.61 -0.75 -0.18	31.35 -0.55 -0.33	42.60 -0.24 -0.66	29.38 -0.19 -0.26	28.98 -0.24 -0.25
LEDERLE____ 23769	29.44 1.32 0.00	26.66 1.15 0.00	21.10 0.74 0.00	23.49 0.79 0.00	23.89 0.82 0.00	24.31 0.91 0.00	21.48 0.91 0.00	19.41 0.95 3.24	22.95 1.19 3.46	27.80 1.47 1.78	29.11 1.69 2.80	35.14 1.89 0.00	35.54 2.08 0.00	41.88 2.53 0.00	35.02 2.19 0.00	31.73 1.93 0.00	30.16 2.11 0.00	29.83 2.20 0.00	30.39 1.92 0.00	32.76 1.58 0.00	33.02 1.46 0.00	43.92 1.74 0.00	30.55 1.24 0.00	30.27 1.30 0.00
LIGHTHSE_115KV_TB6 355974	27.81 -0.31 0.00	25.15 -0.35 0.00	20.03 -0.33 0.00	22.25 -0.45 0.00	22.61 -0.47 0.00	22.97 -0.43 0.00	20.24 -0.33 0.00	21.32 -0.37 0.00	24.74 -0.48 0.00	27.65 -0.46 0.00	29.80 -0.42 0.00	32.69 -0.56 0.00	32.74 -0.71 0.00	38.57 -0.78 0.00	32.15 -0.68 0.00	29.18 -0.61 0.00	27.55 -0.49 0.00	27.29 -0.34 0.00	28.08 -0.39 0.00	32.22 -0.39 -1.44	33.95 -0.27 -2.66	47.15 -0.26 -5.23	31.01 -0.38 -2.08	30.56 -0.37 -1.97
LINDEN COGEN____ 23786	29.48 1.36 0.00	26.67 1.16 0.00	21.12 0.76 0.00	23.49 0.79 0.00	23.90 0.82 0.00	24.32 0.92 0.00	21.51 0.93 0.00	25.11 0.99 -2.43	29.05 1.24 -2.60	31.00 1.56 -1.33	34.08 1.76 -2.10	35.18 1.94 0.00	35.58 2.12 0.00	41.92 2.56 0.00	35.07 2.24 0.00	31.78 1.98 0.00	30.23 2.18 0.00	29.86 2.23 0.00	30.39 1.92 0.00	32.68 1.51 0.00	32.94 1.38 0.00	43.82 1.64 0.00	30.54 1.24 0.00	30.28 1.31 0.00
LINDHRST_69_KV_BK1 356055	30.47 2.35 0.00	27.62 2.11 0.00	21.85 1.49 0.00	24.24 1.54 0.00	24.66 1.58 0.00	25.10 1.70 0.00	22.19 1.62 0.00	25.79 1.69 -2.41	29.96 2.17 -2.58	32.03 2.60 -1.32	42.91 3.06 -9.63	45.23 3.30 -8.67	56.48 3.42 -19.61	47.17 4.11 -3.71	41.63 3.44 -5.36	32.38 2.58 0.00	30.84 2.79 0.00	30.55 2.92 0.00	31.11 2.64 0.00	33.52 2.35 0.00	33.99 2.43 0.00	45.48 3.30 0.00	31.76 2.45 0.00	31.48 2.51 0.00
LIPA_MISC_IPP 23656	30.61 2.49 0.00	27.76 2.25 0.00	21.96 1.60 0.00	24.33 1.64 0.00	24.76 1.68 0.00	25.20 1.80 0.00	22.32 1.74 0.00	25.86 1.77 -2.41	30.08 2.28 -2.58	32.14 2.72 -1.32	43.04 3.20 -9.63	54.40 3.53 -17.61	100.20 3.68 -63.07	66.50 4.32 -22.82	41.83 3.56 -5.44	32.37 2.57 0.00	30.78 2.73 0.00	30.52 2.89 0.00	31.14 2.68 0.00	33.56 2.39 0.00	34.11 2.55 0.00	45.77 3.59 0.00	32.04 2.73 0.00	31.81 2.84 0.00
LISF____SOLAR 323691	30.66 2.54 0.00	27.80 2.29 0.00	21.99 1.63 0.00	24.35 1.65 0.00	24.79 1.71 0.00	25.22 1.82 0.00	22.36 1.78 0.00	25.89 1.79 -2.41	30.12 2.32 -2.58	32.20 2.77 -1.32	43.10 3.25 -9.63	54.58 3.60 -17.73	100.84 3.74 -63.63	66.84 4.41 -23.07	41.92 3.65 -5.44	32.45 2.66 0.00	30.85 2.80 0.00	30.58 2.95 0.00	31.22 2.75 0.00	33.64 2.47 0.00	34.18 2.62 0.00	45.84 3.65 0.00	32.13 2.82 0.00	31.87 2.90 0.00
LITTLE FALLS____HYD 24013	28.07 -0.05 0.00	25.37 -0.14 0.00	20.17 -0.19 0.00	22.57 -0.12 0.00	22.95 -0.12 0.00	23.26 -0.14 0.00	20.47 -0.11 0.00	21.53 -0.16 0.00	25.04 -0.18 0.00	27.82 -0.29 0.00	29.97 -0.25 0.00	32.99 -0.26 0.00	33.21 -0.25 0.00	39.22 -0.13 0.00	32.73 -0.09 0.00	29.67 -0.12 0.00	28.17 0.12 0.00	28.06 0.42 0.00	28.78 0.32 0.00	31.23 0.05 0.00	31.51 -0.05 0.00	42.02 -0.16 0.00	29.29 -0.01 0.00	28.99 0.02 0.00
LITTLRIV_115KV_TB1 356100	28.53 0.41 0.00	25.89 0.38 0.00	20.73 0.37 0.00	23.08 0.39 0.00	23.53 0.46 0.00	23.87 0.46 0.00	20.89 0.31 0.00	21.92 0.23 0.00	25.50 0.28 0.00	28.43 0.32 0.00	30.54 0.32 0.00	33.56 0.30 0.00	33.72 0.26 0.00	39.34 -0.01 0.00	32.65 -0.18 0.00	29.61 -0.18 0.00	27.47 -0.58 0.00	26.85 -0.78 0.00	27.85 -0.62 0.00	30.99 -0.37 -0.20	31.77 -0.16 -0.36	43.19 0.29 -0.71	29.77 0.18 -0.28	29.32 0.08 -0.27
LI_NEWBRDGE____DRP 323616	29.87 1.75 0.00	27.10 1.59 0.00	21.44 1.08 0.00	23.81 1.12 0.00	24.24 1.16 0.00	24.65 1.25 0.00	21.76 1.18 0.00	25.33 1.23 -2.41	29.38 1.59 -2.58	31.36 1.93 -1.32	42.12 2.27 -9.63	43.51 2.43 -7.82	51.54 2.60 -15.48	44.39 3.14 -1.89	40.95 2.66 -5.45	31.81 2.01 0.00	30.31 2.26 0.00	30.01 2.38 0.00	30.55 2.08 0.00	32.90 1.73 0.00	33.29 1.73 0.00	44.40 2.22 0.00	30.98 1.68 0.00	30.73 1.76 0.00
LOCKPORT_115KV_TB60_63_64 80432	28.07 -0.05 0.00	25.33 -0.17 0.00	20.02 -0.34 0.00	22.22 -0.47 0.00	22.49 -0.59 0.00	22.97 -0.43 0.00	20.27 -0.31 0.00	21.30 -0.39 0.00	24.68 -0.54 0.00	27.84 -0.27 0.00	29.63 -0.59 0.00	32.74 -0.51 0.00	32.53 -0.93 0.00	37.94 -1.41 0.00	31.57 -1.26 0.00	28.91 -0.89 0.00	27.56 -0.49 0.00	27.47 -0.16 0.00	28.32 -0.14 0.00	30.92 -0.25 0.00	31.04 -0.52 0.00	41.83 -0.35 0.00	29.32 0.02 0.00	29.17 0.20 0.00
LOCKPORT____CC1 323769	28.03 -0.09 0.00	25.32 -0.19 0.00	20.01 -0.35 0.00	22.22 -0.47 0.00	22.47 -0.61 0.00	22.96 -0.44 0.00	20.23 -0.34 0.00	21.28 -0.40 0.00	24.67 -0.55 0.00	27.81 -0.30 0.00	29.61 -0.61 0.00	32.71 -0.54 0.00	32.50 -0.95 0.00	37.93 -1.43 0.00	31.54 -1.30 0.00	28.87 -0.93 0.00	27.52 -0.53 0.00	27.42 -0.21 0.00	28.27 -0.20 0.00	30.87 -0.30 0.00	31.00 -0.56 0.00	41.79 -0.39 0.00	29.26 -0.05 0.00	29.13 0.16 0.00
LOCKPORT____CC2 323770	28.03 -0.09 0.00	25.32 -0.19 0.00	20.01 -0.35 0.00	22.22 -0.47 0.00	22.47 -0.61 0.00	22.96 -0.44 0.00	20.23 -0.34 0.00	21.28 -0.40 0.00	24.67 -0.55 0.00	27.81 -0.30 0.00	29.61 -0.61 0.00	32.71 -0.54 0.00	32.50 -0.95 0.00	37.93 -1.43 0.00	31.54 -1.30 0.00	28.87 -0.93 0.00	27.52 -0.53 0.00	27.42 -0.21 0.00	28.27 -0.20 0.00	30.87 -0.30 0.00	31.00 -0.56 0.00	41.79 -0.39 0.00	29.26 -0.05 0.00	29.13 0.16 0.00
LOCKPORT____CC3 323771	28.03 -0.09 0.00	25.32 -0.19 0.00	20.01 -0.35 0.00	22.22 -0.47 0.00	22.47 -0.61 0.00	22.96 -0.44 0.00	20.23 -0.34 0.00	21.28 -0.40 0.00	24.67 -0.55 0.00	27.81 -0.30 0.00	29.61 -0.61 0.00	32.71 -0.54 0.00	32.50 -0.95 0.00	37.93 -1.43 0.00	31.54 -1.30 0.00	28.87 -0.93 0.00	27.52 -0.53 0.00	27.42 -0.21 0.00	28.27 -0.20 0.00	30.87 -0.30 0.00	31.00 -0.56 0.00	41.79 -0.39 0.00	29.26 -0.05 0.00	29.13 0.16 0.00

LONG_LAKE_PHOENIX 24014	27.50 -0.62 0.00	24.91 -0.60 0.00	19.86 -0.50 0.00	22.10 -0.60 0.00	22.47 -0.61 0.00	22.81 -0.59 0.00	20.10 -0.47 0.00	21.18 -0.51 0.00	24.59 -0.63 0.00	27.45 -0.66 0.00	29.54 -0.68 0.00	32.49 -0.76 0.00	32.68 -0.78 0.00	38.49 -0.87 0.00	32.10 -0.73 0.00	29.20 -0.60 0.00	27.61 -0.43 0.00	27.30 -0.33 0.00	28.07 -0.40 0.00	32.69 -0.48 -2.00	34.73 -0.52 -3.68	48.75 -0.69 -7.26	31.68 -0.51 -2.89	31.22 -0.48 -2.73
LOVETT___3 23632	29.29 1.17 0.00	26.54 1.03 0.00	21.02 0.66 0.00	23.39 0.70 0.00	23.80 0.72 0.00	24.21 0.81 0.00	21.39 0.81 0.00	19.16 0.85 3.38	22.66 1.06 3.62	27.55 1.29 1.86	28.79 1.49 2.92	34.91 1.65 0.00	35.28 1.82 0.00	41.58 2.23 0.00	34.76 1.93 0.00	31.49 1.69 0.00	29.95 1.90 0.00	29.62 1.99 0.00	30.17 1.71 0.00	32.53 1.36 0.00	32.80 1.24 0.00	43.64 1.46 0.00	30.37 1.06 0.00	30.11 1.14 0.00
LOVETT___4 23642	29.29 1.17 0.00	26.54 1.03 0.00	21.02 0.66 0.00	23.39 0.70 0.00	23.80 0.72 0.00	24.21 0.81 0.00	21.39 0.81 0.00	19.16 0.85 3.38	22.66 1.06 3.62	27.55 1.29 1.86	28.79 1.49 2.92	34.91 1.65 0.00	35.28 1.82 0.00	41.58 2.23 0.00	34.76 1.93 0.00	31.49 1.69 0.00	29.95 1.90 0.00	29.62 1.99 0.00	30.17 1.71 0.00	32.53 1.36 0.00	32.80 1.24 0.00	43.64 1.46 0.00	30.37 1.06 0.00	30.11 1.14 0.00
LOVETT___5 23593	29.29 1.17 0.00	26.54 1.03 0.00	21.02 0.66 0.00	23.39 0.70 0.00	23.80 0.72 0.00	24.21 0.81 0.00	21.39 0.81 0.00	19.16 0.85 3.38	22.66 1.06 3.62	27.55 1.29 1.86	28.79 1.49 2.92	34.91 1.65 0.00	35.28 1.82 0.00	41.58 2.23 0.00	34.76 1.93 0.00	31.49 1.69 0.00	29.95 1.90 0.00	29.62 1.99 0.00	30.17 1.71 0.00	32.53 1.36 0.00	32.80 1.24 0.00	43.64 1.46 0.00	30.37 1.06 0.00	30.11 1.14 0.00
LOWER RAQUET___HYD 24057	28.22 0.10 0.00	25.61 0.10 0.00	20.51 0.15 0.00	22.83 0.13 0.00	23.27 0.19 0.00	23.60 0.20 0.00	20.62 0.04 0.00	21.62 -0.07 0.00	25.15 -0.07 0.00	28.01 -0.10 0.00	30.06 -0.16 0.00	32.99 -0.26 0.00	33.12 -0.34 0.00	38.65 -0.70 0.00	32.07 -0.76 0.00	29.09 -0.71 0.00	27.03 -1.02 0.00	26.45 -1.19 0.00	27.42 -1.04 0.00	30.51 -0.88 -0.21	31.28 -0.66 -0.39	42.56 -0.38 -0.76	29.31 -0.30 -0.30	28.91 -0.34 -0.29
LOWER___HUDSON 24059	29.41 1.28 0.00	26.69 1.18 0.00	21.23 0.87 0.00	23.74 1.05 0.00	24.15 1.07 0.00	24.48 1.07 0.00	21.53 0.95 0.00	23.23 0.97 -0.58	26.96 1.12 -0.62	29.54 1.11 -0.32	32.00 1.28 -0.50	34.52 1.27 0.00	34.82 1.36 0.00	40.86 1.51 0.00	34.10 1.27 0.00	30.95 1.15 0.00	29.35 1.30 0.00	29.12 1.49 0.00	29.88 1.41 0.00	32.51 1.33 0.00	32.89 1.33 0.00	43.79 1.61 0.00	30.52 1.21 0.00	30.25 1.28 0.00
LOWVILLE_115KV_TB2 356335	28.43 0.31 0.00	25.68 0.17 0.00	20.44 0.08 0.00	22.66 -0.04 0.00	23.00 -0.07 0.00	23.38 -0.02 0.00	20.54 -0.03 0.00	21.64 -0.05 0.00	25.20 -0.02 0.00	28.19 0.08 0.00	30.41 0.19 0.00	33.26 0.01 0.00	33.30 -0.16 0.00	39.16 -0.20 0.00	32.63 -0.20 0.00	29.55 -0.25 0.00	27.80 -0.25 0.00	27.46 -0.17 0.00	28.27 -0.19 0.00	31.63 -0.07 -0.53	32.77 0.24 -0.97	44.51 0.42 -1.91	29.79 -0.28 -0.76	29.35 -0.33 -0.72
LUTHERFT_115KV_GLOB_FND_222 355753	29.84 1.72 0.00	27.03 1.53 0.00	21.48 1.12 0.00	24.02 1.33 0.00	24.42 1.34 0.00	24.77 1.37 0.00	21.81 1.24 0.00	23.56 1.32 -0.55	27.33 1.52 -0.59	30.01 1.60 -0.30	32.48 1.79 -0.48	35.09 1.84 0.00	35.37 1.91 0.00	41.49 2.13 0.00	34.62 1.79 0.00	31.50 1.70 0.00	29.88 1.83 0.00	29.63 2.00 0.00	30.45 1.98 0.00	33.11 1.94 0.00	33.56 2.00 0.00	44.68 2.50 0.00	31.08 1.78 0.00	30.79 1.82 0.00
LUTHERNY_35_KV_BK2 355980	29.84 1.72 0.00	27.05 1.54 0.00	21.48 1.12 0.00	24.03 1.33 0.00	24.41 1.34 0.00	24.77 1.37 0.00	21.81 1.24 0.00	23.59 1.35 -0.55	27.36 1.55 -0.59	30.04 1.63 -0.30	32.56 1.87 -0.48	35.15 1.90 0.00	35.42 1.96 0.00	41.56 2.20 0.00	34.67 1.84 0.00	31.55 1.75 0.00	29.93 1.88 0.00	29.68 2.05 0.00	30.49 2.02 0.00	33.17 1.99 0.00	33.59 2.03 0.00	44.73 2.54 0.00	31.11 1.80 0.00	30.81 1.84 0.00
LWR___OSWEGATCHIE_HYD 23850	28.19 0.07 0.00	25.53 0.02 0.00	20.38 0.02 0.00	22.64 -0.06 0.00	23.03 -0.05 0.00	23.38 -0.02 0.00	20.50 -0.08 0.00	21.53 -0.16 0.00	25.04 -0.18 0.00	27.91 -0.20 0.00	30.05 -0.17 0.00	32.90 -0.35 0.00	32.97 -0.49 0.00	38.61 -0.75 0.00	32.11 -0.72 0.00	29.10 -0.70 0.00	27.25 -0.80 0.00	26.82 -0.81 0.00	27.71 -0.75 0.00	30.99 -0.60 -0.41	32.00 -0.33 -0.76	43.54 -0.14 -1.50	29.54 -0.37 -0.60	29.11 -0.42 -0.56
LYONS_FALL_HYD 23570	28.54 0.42 0.00	25.81 0.31 0.00	20.55 0.19 0.00	22.85 0.15 0.00	23.20 0.13 0.00	23.58 0.18 0.00	20.74 0.16 0.00	21.85 0.16 0.00	25.44 0.23 0.00	28.47 0.36 0.00	30.67 0.45 0.00	33.65 0.40 0.00	33.83 0.37 0.00	39.81 0.46 0.00	33.17 0.34 0.00	30.09 0.29 0.00	28.34 0.29 0.00	28.03 0.39 0.00	28.82 0.36 0.00	31.94 0.45 -0.31	32.73 0.59 -0.58	44.15 0.82 -1.15	30.00 0.24 -0.45	29.58 0.18 -0.43
MADISON___COUNTY_LFGE 323628	28.68 0.56 0.00	25.94 0.43 0.00	20.65 0.28 0.00	22.99 0.29 0.00	23.36 0.28 0.00	23.74 0.33 0.00	20.91 0.33 0.00	22.02 0.33 0.00	25.62 0.40 0.00	28.67 0.56 0.00	30.87 0.65 0.00	33.97 0.73 0.00	34.23 0.77 0.00	40.39 1.04 0.00	33.63 0.80 0.00	30.55 0.75 0.00	28.87 0.81 0.00	28.59 0.96 0.00	29.37 0.91 0.00	32.46 0.96 -0.32	33.13 0.98 -0.59	44.58 1.24 -1.16	30.52 0.75 -0.46	30.05 0.65 -0.44
MALONE___115KV_TB1 356076	28.47 0.35 0.00	25.84 0.33 0.00	20.72 0.35 0.00	23.09 0.40 0.00	23.57 0.49 0.00	23.87 0.47 0.00	20.99 0.42 0.00	22.11 0.42 0.00	25.73 0.51 0.00	28.60 0.49 0.00	30.73 0.52 0.00	33.84 0.59 0.00	33.98 0.52 0.00	39.85 0.50 0.00	33.17 0.34 0.00	30.16 0.36 0.00	28.06 0.01 0.00	27.53 -0.10 0.00	28.53 0.07 0.00	31.37 0.20 0.00	32.00 0.44 0.00	43.01 0.83 0.00	29.84 0.53 0.00	29.33 0.36 0.00
MAPLEWOD_115KV_TB3 80458	29.34 1.22 0.00	26.61 1.10 0.00	21.22 0.86 0.00	23.71 1.01 0.00	24.09 1.01 0.00	24.41 1.01 0.00	21.46 0.89 0.00	23.18 0.92 -0.57	26.90 1.08 -0.61	29.50 1.08 -0.31	31.95 1.24 -0.49	34.55 1.29 0.00	34.86 1.40 0.00	40.98 1.62 0.00	34.22 1.39 0.00	31.06 1.26 0.00	29.45 1.40 0.00	29.20 1.57 0.00	29.93 1.47 0.00	32.55 1.38 0.00	32.91 1.35 0.00	43.80 1.62 0.00	30.49 1.18 0.00	30.22 1.25 0.00
MAPLE RIDGE_WT_1 323574	28.04 -0.08 0.00	25.44 -0.07 0.00	20.31 -0.05 0.00	22.56 -0.14 0.00	22.85 -0.22 0.00	23.15 -0.25 0.00	20.37 -0.21 0.00	21.58 -0.11 0.00	25.13 -0.09 0.00	28.04 -0.07 0.00	30.12 -0.10 0.00	33.13 -0.12 0.00	33.32 -0.13 0.00	39.20 -0.15 0.00	32.70 -0.13 0.00	29.64 -0.16 0.00	27.85 -0.20 0.00	27.35 -0.29 0.00	28.24 -0.23 0.00	30.97 -0.20 0.00	31.36 -0.20 0.00	41.77 -0.42 0.00	28.91 -0.40 0.00	28.52 -0.45 0.00

MAPLE_RIDGE_WT_2 323611	28.04 -0.08 0.00	25.44 -0.07 0.00	20.31 -0.05 0.00	22.56 -0.14 0.00	22.85 -0.22 0.00	23.15 -0.25 0.00	20.37 -0.21 0.00	21.58 -0.11 0.00	25.13 -0.09 0.00	28.04 -0.07 0.00	30.12 -0.10 0.00	33.13 -0.12 0.00	33.32 -0.13 0.00	39.20 -0.15 0.00	32.70 -0.13 0.00	29.64 -0.16 0.00	27.85 -0.20 0.00	27.35 -0.29 0.00	28.24 -0.23 0.00	30.97 -0.20 0.00	31.36 -0.20 0.00	41.77 -0.42 0.00	28.91 -0.40 0.00	28.52 -0.45 0.00
MARBLE_RIVER_WT_PWR 323696	28.30 0.17 0.00	25.69 0.18 0.00	20.60 0.24 0.00	23.01 0.31 0.00	23.46 0.39 0.00	23.78 0.38 0.00	20.93 0.35 0.00	22.15 0.46 0.00	25.71 0.49 0.00	28.54 0.43 0.00	30.69 0.47 0.00	33.71 0.46 0.00	33.84 0.38 0.00	39.73 0.37 0.00	33.08 0.25 0.00	30.09 0.29 0.00	28.02 -0.03 0.00	27.55 -0.08 0.00	28.53 0.07 0.00	31.34 0.17 0.00	31.91 0.35 0.00	42.81 0.63 0.00	29.73 0.43 0.00	29.23 0.26 0.00
MARSHVLE_115KV_TB1 80742	30.45 2.33 0.00	27.58 2.08 0.00	21.98 1.62 0.00	24.41 1.72 0.00	24.81 1.74 0.00	25.21 1.81 0.00	22.25 1.67 0.00	23.89 1.80 -0.40	27.67 2.03 -0.43	30.54 2.22 -0.22	32.65 2.09 -0.34	35.46 2.21 0.00	35.86 2.40 0.00	42.16 2.80 0.00	35.22 2.38 0.00	32.03 2.23 0.00	30.23 2.18 0.00	29.77 2.14 0.00	30.86 2.39 0.00	33.78 2.60 0.00	34.26 2.70 0.00	45.96 3.78 0.00	31.85 2.54 0.00	31.37 2.40 0.00
MARSH_HILL_WT_PWR 323713	28.51 0.39 0.00	25.56 0.05 0.00	20.17 -0.19 0.00	22.43 -0.26 0.00	22.58 -0.49 0.00	23.17 -0.23 0.00	20.23 -0.35 0.00	21.26 -0.43 0.00	25.08 -0.14 0.00	28.30 0.19 0.00	30.52 0.30 0.00	33.70 0.44 0.00	33.56 0.10 0.00	39.76 0.41 0.00	33.17 0.34 0.00	30.19 0.40 0.00	28.65 0.60 0.00	28.40 0.76 0.00	29.04 0.57 0.00	32.05 0.65 -0.22	32.24 0.27 -0.41	43.47 0.48 -0.81	29.85 0.22 -0.32	29.66 0.38 -0.30
MCINTYRE_115KV_TB2 80467	28.70 0.58 0.00	26.07 0.56 0.00	20.89 0.52 0.00	23.25 0.56 0.00	23.71 0.64 0.00	24.04 0.64 0.00	21.08 0.50 0.00	22.14 0.45 0.00	25.74 0.52 0.00	28.64 0.53 0.00	30.76 0.55 0.00	33.86 0.60 0.00	34.04 0.58 0.00	39.71 0.36 0.00	32.98 0.15 0.00	29.92 0.12 0.00	27.78 -0.27 0.00	27.13 -0.50 0.00	28.16 -0.31 0.00	31.36 0.02 -0.18	32.13 0.25 -0.32	43.62 0.81 -0.63	30.09 0.53 -0.25	29.62 0.41 -0.24
MECO____69_KV_BK1 80468	30.97 2.85 0.00	27.99 2.48 0.00	22.27 1.91 0.00	24.79 2.09 0.00	25.19 2.12 0.00	25.62 2.21 0.00	22.62 2.04 0.00	24.26 2.13 -0.44	28.12 2.43 -0.47	31.04 2.69 -0.24	33.05 2.45 -0.38	35.70 2.45 0.00	36.25 2.79 0.00	42.49 3.14 0.00	35.74 2.91 0.00	32.31 2.51 0.00	30.42 2.37 0.00	30.20 2.56 0.00	31.38 2.91 0.00	34.42 3.25 0.00	34.91 3.35 0.00	46.87 4.69 0.00	32.54 3.23 0.00	32.04 3.07 0.00
MENANDS__115KV_TB5 355628	29.04 0.92 0.00	26.38 0.87 0.00	21.05 0.69 0.00	23.52 0.82 0.00	23.90 0.82 0.00	24.20 0.80 0.00	21.26 0.69 0.00	22.97 0.70 -0.57	26.65 0.82 -0.61	29.18 0.76 -0.31	31.62 0.91 -0.50	34.17 0.91 0.00	34.48 1.02 0.00	40.51 1.16 0.00	33.82 0.99 0.00	30.68 0.88 0.00	29.09 1.04 0.00	28.83 1.20 0.00	29.55 1.08 0.00	32.12 0.94 0.00	32.47 0.91 0.00	43.23 1.05 0.00	30.12 0.81 0.00	29.88 0.91 0.00
MG INDUSTRY__DRP 24185	29.11 0.99 0.00	26.44 0.93 0.00	21.12 0.76 0.00	23.61 0.91 0.00	23.98 0.91 0.00	24.28 0.88 0.00	21.32 0.75 0.00	22.98 0.76 -0.54	26.66 0.87 -0.57	29.25 0.85 -0.29	31.64 0.96 -0.46	34.22 0.96 0.00	34.49 1.03 0.00	40.53 1.18 0.00	33.84 1.01 0.00	30.69 0.89 0.00	29.05 1.00 0.00	28.79 1.16 0.00	29.54 1.08 0.00	32.15 0.98 0.00	32.52 0.96 0.00	43.32 1.14 0.00	30.18 0.87 0.00	29.94 0.97 0.00
MID__OSWEGATCHIE_HYD 23849	28.19 0.07 0.00	25.53 0.02 0.00	20.38 0.02 0.00	22.64 -0.06 0.00	23.03 -0.05 0.00	23.38 -0.02 0.00	20.50 -0.08 0.00	21.53 -0.16 0.00	25.04 -0.18 0.00	27.91 -0.20 0.00	30.05 -0.17 0.00	32.90 -0.35 0.00	32.97 -0.49 0.00	38.61 -0.75 0.00	32.11 -0.72 0.00	29.10 -0.70 0.00	27.25 -0.80 0.00	26.82 -0.81 0.00	27.71 -0.75 0.00	30.99 -0.60 -0.41	32.00 -0.33 -0.76	43.54 -0.14 -1.50	29.54 -0.37 -0.60	29.11 -0.42 -0.56
MID__RAQUETTE_HYD 23851	28.22 0.10 0.00	25.61 0.10 0.00	20.51 0.15 0.00	22.82 0.13 0.00	23.27 0.19 0.00	23.60 0.19 0.00	20.62 0.04 0.00	21.62 -0.07 0.00	25.15 -0.07 0.00	28.01 -0.10 0.00	30.06 -0.16 0.00	32.99 -0.26 0.00	33.12 -0.34 0.00	38.65 -0.70 0.00	32.07 -0.76 0.00	29.09 -0.71 0.00	27.03 -1.02 0.00	26.45 -1.19 0.00	27.42 -1.04 0.00	30.51 -0.88 -0.21	31.28 -0.66 -0.39	42.56 -0.38 -0.76	29.31 -0.29 -0.30	28.91 -0.35 -0.29
MILLIKEN__1 23584	28.66 0.54 0.00	25.88 0.38 0.00	20.55 0.19 0.00	22.93 0.23 0.00	23.28 0.20 0.00	23.68 0.27 0.00	20.89 0.31 0.00	21.97 0.28 0.00	25.56 0.34 0.00	28.57 0.46 0.00	30.61 0.39 0.00	33.72 0.47 0.00	33.87 0.42 0.00	39.91 0.56 0.00	33.35 0.52 0.00	30.37 0.57 0.00	28.74 0.69 0.00	28.51 0.88 0.00	29.32 0.85 0.00	32.85 0.95 -0.72	33.76 0.87 -1.33	45.98 1.18 -2.62	31.08 0.74 -1.04	30.68 0.72 -0.98
MILLIKEN__2 23585	28.66 0.54 0.00	25.88 0.38 0.00	20.55 0.19 0.00	22.93 0.23 0.00	23.28 0.20 0.00	23.68 0.27 0.00	20.89 0.31 0.00	21.97 0.28 0.00	25.56 0.34 0.00	28.57 0.46 0.00	30.61 0.39 0.00	33.72 0.47 0.00	33.87 0.42 0.00	39.91 0.56 0.00	33.35 0.52 0.00	30.37 0.57 0.00	28.74 0.69 0.00	28.51 0.88 0.00	29.32 0.85 0.00	32.85 0.95 -0.72	33.76 0.87 -1.33	45.98 1.18 -2.62	31.08 0.74 -1.04	30.68 0.72 -0.98
MILLIKEN__DIESEL 23629	28.66 0.54 0.00	25.88 0.38 0.00	20.55 0.19 0.00	22.93 0.23 0.00	23.28 0.20 0.00	23.68 0.27 0.00	20.89 0.31 0.00	21.97 0.28 0.00	25.56 0.34 0.00	28.57 0.46 0.00	30.61 0.39 0.00	33.72 0.47 0.00	33.87 0.42 0.00	39.91 0.56 0.00	33.35 0.52 0.00	30.37 0.57 0.00	28.74 0.69 0.00	28.51 0.88 0.00	29.32 0.85 0.00	32.85 0.95 -0.72	33.76 0.87 -1.33	45.98 1.18 -2.62	31.08 0.74 -1.04	30.68 0.72 -0.98
MILLSEAT__LFGE 323607	28.54 0.42 0.00	25.74 0.23 0.00	20.35 -0.01 0.00	22.59 -0.10 0.00	22.86 -0.21 0.00	23.37 -0.03 0.00	20.62 0.04 0.00	21.71 0.03 0.00	25.19 -0.03 0.00	28.44 0.33 0.00	30.31 0.09 0.00	33.46 0.21 0.00	33.31 -0.15 0.00	38.87 -0.49 0.00	32.39 -0.44 0.00	29.62 -0.18 0.00	28.15 0.10 0.00	28.07 0.44 0.00	28.99 0.52 0.00	31.69 0.52 0.00	31.85 0.29 0.00	42.90 0.72 0.00	29.95 0.65 0.00	29.75 0.78 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.49 1.37 0.00	26.71 1.20 0.00	21.16 0.80 0.00	23.56 0.86 0.00	23.96 0.89 0.00	24.37 0.97 0.00	21.52 0.95 0.00	25.38 1.01 -2.69	29.34 1.25 -2.87	31.08 1.49 -1.47	34.24 1.70 -2.32	35.12 1.87 0.00	35.49 2.03 0.00	41.81 2.46 0.00	34.96 2.13 0.00	31.67 1.87 0.00	30.12 2.07 0.00	29.78 2.15 0.00	30.34 1.88 0.00	32.71 1.54 0.00	32.99 1.43 0.00	43.90 1.72 0.00	30.57 1.26 0.00	30.30 1.32 0.00

MILLWOOD_13_KV_LOAD 356217	29.57 1.45 0.00	26.78 1.27 0.00	21.21 0.85 0.00	23.61 0.91 0.00	24.02 0.94 0.00	24.43 1.03 0.00	21.57 1.00 0.00	25.45 1.07 -2.69	29.41 1.32 -2.87	31.16 1.58 -1.47	34.34 1.81 -2.32	35.23 1.98 0.00	35.61 2.15 0.00	41.96 2.60 0.00	35.09 2.26 0.00	31.78 1.98 0.00	30.23 2.18 0.00	29.89 2.26 0.00	30.45 1.99 0.00	32.83 1.66 0.00	33.11 1.55 0.00	44.05 1.87 0.00	30.65 1.34 0.00	30.37 1.40 0.00
MODEL_CITY_ENERGY 24167	27.80 -0.32 0.00	25.09 -0.41 0.00	19.83 -0.53 0.00	22.02 -0.67 0.00	22.27 -0.81 0.00	22.76 -0.64 0.00	20.05 -0.52 0.00	21.07 -0.61 0.00	24.41 -0.81 0.00	27.53 -0.57 0.00	29.31 -0.91 0.00	32.39 -0.87 0.00	32.17 -1.29 0.00	37.51 -1.84 0.00	31.19 -1.64 0.00	28.58 -1.22 0.00	27.25 -0.80 0.00	27.16 -0.47 0.00	27.98 -0.48 0.00	30.55 -0.62 0.00	30.68 -0.88 0.00	41.37 -0.81 0.00	28.99 -0.32 0.00	28.89 -0.08 0.00
MODERN_LFGE_ 323580	27.80 -0.32 0.00	25.09 -0.41 0.00	19.83 -0.53 0.00	22.02 -0.67 0.00	22.27 -0.81 0.00	22.76 -0.64 0.00	20.05 -0.52 0.00	21.07 -0.61 0.00	24.41 -0.81 0.00	27.53 -0.57 0.00	29.31 -0.91 0.00	32.39 -0.87 0.00	32.17 -1.29 0.00	37.51 -1.84 0.00	31.19 -1.64 0.00	28.58 -1.22 0.00	27.25 -0.80 0.00	27.16 -0.47 0.00	27.98 -0.48 0.00	30.55 -0.62 0.00	30.68 -0.88 0.00	41.37 -0.81 0.00	28.99 -0.32 0.00	28.89 -0.08 0.00
MOHAWK_PAPER___DRP 24187	29.34 1.22 0.00	26.61 1.10 0.00	21.22 0.86 0.00	23.71 1.01 0.00	24.09 1.01 0.00	24.41 1.01 0.00	21.46 0.89 0.00	23.18 0.92 -0.57	26.90 1.08 -0.61	29.50 1.08 -0.31	31.95 1.24 -0.49	34.55 1.29 0.00	34.86 1.40 0.00	40.98 1.62 0.00	34.22 1.39 0.00	31.06 1.26 0.00	29.45 1.40 0.00	29.20 1.57 0.00	29.93 1.47 0.00	32.55 1.38 0.00	32.91 1.35 0.00	43.80 1.62 0.00	30.49 1.18 0.00	30.22 1.25 0.00
MOHICAN__35_KV_115KV_LD 80490	30.05 1.94 0.00	27.12 1.61 0.00	21.48 1.12 0.00	24.05 1.35 0.00	24.48 1.41 0.00	24.84 1.44 0.00	21.91 1.34 0.00	23.71 1.48 -0.55	27.50 1.70 -0.59	30.18 1.77 -0.30	32.60 1.91 -0.47	35.23 1.98 0.00	35.46 2.00 0.00	41.47 2.12 0.00	34.59 1.76 0.00	31.63 1.83 0.00	29.98 1.93 0.00	29.77 2.14 0.00	30.67 2.20 0.00	33.27 2.10 0.00	33.88 2.32 0.00	45.10 2.92 0.00	31.38 2.08 0.00	31.10 2.13 0.00
MONGAUP___HYD 23641	29.44 1.32 0.00	26.64 1.13 0.00	21.12 0.76 0.00	23.51 0.82 0.00	23.90 0.83 0.00	24.29 0.89 0.00	21.42 0.84 0.00	20.53 0.88 2.04	24.10 1.06 2.18	28.26 1.27 1.12	29.88 1.42 1.76	34.73 1.48 0.00	35.00 1.54 0.00	41.28 1.93 0.00	34.58 1.75 0.00	31.34 1.54 0.00	29.63 1.58 0.00	29.20 1.57 0.00	29.94 1.47 0.00	32.43 1.26 0.00	32.79 1.23 0.00	44.03 1.84 0.00	30.66 1.36 0.00	30.35 1.38 0.00
MONTAUK___DIESEL 23721	32.10 3.97 0.00	29.02 3.51 0.00	22.92 2.56 0.00	25.40 2.71 0.00	25.87 2.79 0.00	26.33 2.93 0.00	23.38 2.81 0.00	26.93 2.83 -2.41	31.41 3.62 -2.58	33.78 4.35 -1.32	44.94 5.09 -9.63	56.70 5.78 -17.67	102.72 5.94 -63.32	69.21 6.92 -22.93	43.86 5.60 -5.44	34.31 4.52 0.00	32.68 4.63 0.00	32.42 4.79 0.00	33.12 4.65 0.00	35.65 4.47 0.00	36.16 4.60 0.00	48.66 6.48 0.00	34.04 4.74 0.00	33.67 4.70 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.87 0.75 0.00	25.97 0.46 0.00	20.32 -0.04 0.00	22.76 0.07 0.00	22.91 -0.16 0.00	23.33 -0.07 0.00	20.71 0.14 0.00	21.89 0.20 0.00	25.68 0.46 0.00	28.99 0.88 0.00	31.25 1.03 0.00	34.84 1.59 0.00	34.70 1.24 0.00	40.81 1.46 0.00	33.92 1.09 0.00	30.98 1.18 0.00	29.54 1.49 0.00	29.41 1.78 0.00	30.13 1.66 0.00	32.86 1.69 0.00	32.97 1.41 0.00	44.35 2.17 0.00	30.62 1.31 0.00	29.98 1.01 0.00
MORTIMER_115KV_TB3 55949	28.28 0.16 0.00	25.54 0.03 0.00	20.25 -0.11 0.00	22.49 -0.21 0.00	22.81 -0.26 0.00	23.25 -0.15 0.00	20.53 -0.04 0.00	21.64 -0.05 0.00	25.13 -0.09 0.00	28.23 0.12 0.00	30.20 -0.02 0.00	33.32 0.07 0.00	33.26 -0.20 0.00	39.00 -0.35 0.00	32.48 -0.35 0.00	29.63 -0.16 0.00	28.14 0.09 0.00	27.97 0.34 0.00	28.86 0.40 0.00	31.57 0.40 0.00	31.77 0.21 0.00	42.67 0.49 0.00	29.72 0.41 0.00	29.44 0.47 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.65 1.53 0.00	26.85 1.34 0.00	21.26 0.90 0.00	23.66 0.97 0.00	24.07 0.99 0.00	24.48 1.09 0.00	21.65 1.07 0.00	25.27 1.15 -2.43	29.25 1.43 -2.60	31.18 1.74 -1.33	34.28 1.96 -2.10	35.42 2.17 0.00	35.80 2.34 0.00	42.18 2.83 0.00	35.27 2.44 0.00	31.94 2.14 0.00	30.38 2.33 0.00	30.03 2.40 0.00	30.56 2.09 0.00	32.91 1.74 0.00	33.19 1.63 0.00	44.18 2.00 0.00	30.79 1.48 0.00	30.51 1.54 0.00
MUNSVILLE_WIND_PWR 323609	30.13 2.01 0.00	27.12 1.61 0.00	21.45 1.09 0.00	23.90 1.20 0.00	24.22 1.15 0.00	24.64 1.24 0.00	21.77 1.19 0.00	23.01 1.32 0.00	26.85 1.63 0.00	30.06 1.95 0.00	32.18 1.97 0.00	35.45 2.20 0.00	35.61 2.15 0.00	42.09 2.74 0.00	35.21 2.38 0.00	32.01 2.21 0.00	30.39 2.33 0.00	30.18 2.55 0.00	31.09 2.63 0.00	34.52 2.89 -0.45	35.25 2.86 -0.83	47.59 3.77 -1.64	32.20 2.25 -0.65	31.60 2.02 -0.62
N SALMON___HYD 24042	28.47 0.35 0.00	25.84 0.33 0.00	20.72 0.36 0.00	23.09 0.40 0.00	23.57 0.49 0.00	23.88 0.47 0.00	21.00 0.42 0.00	22.11 0.42 0.00	25.73 0.51 0.00	28.60 0.49 0.00	30.73 0.52 0.00	33.84 0.59 0.00	33.98 0.52 0.00	39.85 0.50 0.00	33.17 0.34 0.00	30.16 0.36 0.00	28.06 0.01 0.00	27.53 -0.10 0.00	28.53 0.07 0.00	31.37 0.20 0.00	31.99 0.43 0.00	43.01 0.83 0.00	29.84 0.53 0.00	29.33 0.36 0.00
N.AKRON__115KV_KNAPP 355671	28.46 0.34 0.00	25.68 0.17 0.00	20.29 -0.07 0.00	22.52 -0.18 0.00	22.79 -0.28 0.00	23.29 -0.11 0.00	20.56 -0.01 0.00	21.63 -0.06 0.00	25.09 -0.13 0.00	28.35 0.24 0.00	30.18 -0.04 0.00	33.34 0.09 0.00	33.16 -0.30 0.00	38.68 -0.68 0.00	32.21 -0.62 0.00	29.47 -0.33 0.00	28.03 -0.02 0.00	27.95 0.31 0.00	28.85 0.38 0.00	31.51 0.34 0.00	31.66 0.09 0.00	42.63 0.45 0.00	29.83 0.52 0.00	29.63 0.66 0.00
N.BELMOR_69_KV_BK1 55787	30.09 1.97 0.00	27.29 1.78 0.00	21.60 1.24 0.00	23.99 1.30 0.00	24.41 1.33 0.00	24.84 1.44 0.00	21.93 1.35 0.00	25.50 1.40 -2.41	29.57 1.78 -2.58	31.57 2.15 -1.32	42.32 2.47 -9.63	43.76 2.68 -7.82	51.72 2.79 -15.48	44.64 3.40 -1.89	40.95 2.89 -5.23	32.11 2.31 0.00	30.60 2.55 0.00	30.30 2.67 0.00	30.83 2.36 0.00	33.22 2.05 0.00	33.67 2.11 0.00	44.87 2.69 0.00	31.26 1.96 0.00	30.98 2.01 0.00
N.E._GEN_SANDY PD 24062	34.70 1.26 -5.31	31.73 1.17 -5.05	22.87 0.83 -1.69	25.47 0.97 -1.80	24.31 1.02 -0.22	26.18 1.03 -1.75	26.72 0.93 -5.22	26.98 0.96 -4.33	29.33 1.12 -2.99	29.73 1.14 -0.48	32.27 1.29 -0.76	34.39 1.28 0.15	34.86 1.40 0.00	40.96 1.60 0.00	34.17 1.36 0.02	31.17 1.22 -0.16	29.47 1.42 0.00	29.23 1.60 0.00	31.15 1.44 -1.24	34.08 1.25 -1.66	34.72 1.19 -1.97	42.30 1.39 1.27	31.13 1.08 -0.74	31.62 1.16 -1.49

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.34 1.22 0.00	26.57 1.07 0.00	21.04 0.68 0.00	23.42 0.72 0.00	23.83 0.75 0.00	24.24 0.84 0.00	21.41 0.84 0.00	19.25 0.88 3.32	22.77 1.10 3.55	27.64 1.35 1.82	28.91 1.56 2.87	35.00 1.75 0.00	35.38 1.92 0.00	41.70 2.35 0.00	34.86 2.03 0.00	31.59 1.79 0.00	30.03 1.98 0.00	29.71 2.07 0.00	30.27 1.80 0.00	32.63 1.46 0.00	32.89 1.33 0.00	43.75 1.57 0.00	30.43 1.13 0.00	30.17 1.20 0.00
N. QUEENS_27_KV_LOAD 356247	29.68 1.55 0.00	26.87 1.36 0.00	21.27 0.91 0.00	23.66 0.96 0.00	24.08 1.00 0.00	24.50 1.10 0.00	21.69 1.12 0.00	25.29 1.17 -2.43	29.26 1.45 -2.60	31.22 1.78 -1.33	34.41 2.10 -2.10	35.51 2.25 -0.01	35.91 2.44 -0.01	42.33 2.97 0.00	35.43 2.60 0.00	32.04 2.25 0.00	30.48 2.43 0.00	30.14 2.50 0.00	30.63 2.17 0.00	33.02 1.85 0.00	33.33 1.77 0.00	44.40 2.22 0.00	30.93 1.62 0.00	30.64 1.67 0.00
N. TROY___115KV_TB1 355778	29.41 1.28 0.00	26.69 1.18 0.00	21.23 0.87 0.00	23.75 1.05 0.00	24.15 1.07 0.00	24.48 1.07 0.00	21.53 0.95 0.00	23.23 0.97 -0.58	26.96 1.12 -0.62	29.54 1.11 -0.32	32.00 1.28 -0.50	34.52 1.27 0.00	34.82 1.36 0.00	40.86 1.51 0.00	34.10 1.27 0.00	30.95 1.15 0.00	29.35 1.30 0.00	29.12 1.49 0.00	29.88 1.41 0.00	32.51 1.34 0.00	32.89 1.33 0.00	43.80 1.61 0.00	30.51 1.21 0.00	30.25 1.28 0.00
NARROWS_GT1_1 24228	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT1_2 24229	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 0.00	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT1_3 24230	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT1_4 24231	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT1_5 24232	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT1_6 24233	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT1_7 24234	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT1_8 24235	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT2_1 24236	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT2_2 24237	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT2_3 24238	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT2_4 24239	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00

NARROWS_GT2_5 24240	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT2_6 24241	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT2_7 24242	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NARROWS_GT2_8 24243	29.80 1.67 0.00	26.96 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.16 -2.10	35.69 2.43 -0.01	36.10 2.64 -0.01	42.53 3.18 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.39 1.83 -0.01	44.43 2.25 0.00	31.02 1.71 -0.01	30.70 1.73 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.63 1.51 0.00	26.86 1.36 0.00	21.47 1.10 0.00	23.99 1.30 0.00	24.37 1.30 0.00	24.68 1.28 0.00	21.68 1.11 0.00	23.30 1.14 -0.47	26.96 1.24 -0.50	29.44 1.07 -0.26	31.81 1.18 -0.41	34.46 1.21 0.00	34.81 1.35 0.00	40.93 1.58 0.00	34.20 1.38 0.00	31.07 1.27 0.00	29.32 1.27 0.00	29.21 1.58 0.00	30.22 1.75 0.00	32.95 1.78 0.00	33.36 1.80 0.00	44.38 2.20 0.00	30.85 1.54 0.00	30.56 1.59 0.00
NCHELSEA_115KV_TR2 355582	29.78 1.66 0.00	26.97 1.46 0.00	21.38 1.02 0.00	23.81 1.11 0.00	24.22 1.14 0.00	24.61 1.21 0.00	21.71 1.14 0.00	23.39 1.23 -0.48	27.23 1.50 -0.51	30.11 1.74 -0.26	32.60 1.97 -0.41	35.44 2.19 0.00	35.82 2.36 0.00	42.21 2.86 0.00	35.22 2.39 0.00	31.94 2.15 0.00	30.39 2.34 0.00	30.08 2.45 0.00	30.67 2.21 0.00	33.11 1.94 0.00	33.39 1.83 0.00	44.42 2.24 0.00	30.88 1.58 0.00	30.58 1.61 0.00
NEG CAPITAL___MECHNVIL 23645	29.88 1.76 0.00	27.06 1.55 0.00	21.50 1.14 0.00	24.03 1.33 0.00	24.44 1.36 0.00	24.78 1.38 0.00	21.83 1.26 0.00	23.58 1.33 -0.56	27.36 1.55 -0.60	30.04 1.63 -0.31	32.53 1.83 -0.48	35.17 1.92 0.00	35.46 2.00 0.00	41.61 2.26 0.00	34.73 1.90 0.00	31.59 1.79 0.00	29.97 1.92 0.00	29.72 2.09 0.00	30.52 2.06 0.00	33.20 2.02 0.00	33.61 2.05 0.00	44.74 2.56 0.00	31.13 1.82 0.00	30.82 1.85 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.73 -0.39 0.00	25.05 -0.46 0.00	19.88 -0.48 0.00	22.10 -0.60 0.00	22.42 -0.66 0.00	22.86 -0.54 0.00	20.18 -0.40 0.00	21.27 -0.42 0.00	24.74 -0.48 0.00	27.78 -0.33 0.00	29.75 -0.47 0.00	32.82 -0.43 0.00	32.83 -0.63 0.00	38.54 -0.82 0.00	32.12 -0.71 0.00	29.30 -0.50 0.00	27.78 -0.27 0.00	27.60 -0.03 0.00	28.46 -0.01 0.00	31.42 -0.02 -0.26	31.82 -0.22 -0.49	42.99 -0.15 -0.96	29.58 -0.11 -0.38	29.25 -0.08 -0.36
NEG CENTRAL___DRP 24199	28.30 0.18 0.00	25.54 0.03 0.00	20.27 -0.09 0.00	22.60 -0.09 0.00	22.94 -0.14 0.00	23.37 -0.03 0.00	20.62 0.04 0.00	21.70 0.01 0.00	25.25 0.03 0.00	28.24 0.13 0.00	30.30 0.08 0.00	33.37 0.12 0.00	33.48 0.02 0.00	39.43 0.07 0.00	32.95 0.12 0.00	30.01 0.21 0.00	28.40 0.35 0.00	28.19 0.56 0.00	28.98 0.51 0.00	32.42 0.55 -0.70	33.25 0.41 -1.28	45.29 0.58 -2.53	30.70 0.39 -1.01	30.37 0.45 -0.95
NEG CENTRAL___INDECK 23768	28.41 0.28 0.00	25.59 0.08 0.00	20.23 -0.13 0.00	22.47 -0.22 0.00	22.76 -0.31 0.00	23.23 -0.17 0.00	20.45 -0.12 0.00	21.47 -0.22 0.00	24.81 -0.41 0.00	27.76 -0.35 0.00	29.88 -0.34 0.00	32.98 -0.27 0.00	32.82 -0.64 0.00	38.48 -0.87 0.00	32.09 -0.75 0.00	29.38 -0.42 0.00	28.08 0.03 0.00	27.82 0.19 0.00	28.68 0.22 0.00	31.68 0.51 0.00	32.07 0.51 0.00	43.07 0.89 0.00	29.97 0.66 0.00	30.17 1.20 0.00
NEG CENTRAL___SENECA 23627	28.45 0.33 0.00	25.64 0.13 0.00	20.33 -0.04 0.00	22.66 -0.03 0.00	22.99 -0.08 0.00	23.45 0.04 0.00	20.68 0.11 0.00	21.78 0.09 0.00	25.38 0.16 0.00	28.41 0.30 0.00	30.47 0.25 0.00	33.53 0.28 0.00	33.61 0.15 0.00	39.61 0.25 0.00	33.10 0.26 0.00	30.17 0.37 0.00	28.56 0.51 0.00	28.38 0.75 0.00	29.16 0.70 0.00	32.28 0.75 -0.35	32.78 0.57 -0.65	44.29 0.82 -1.29	30.42 0.60 -0.51	30.10 0.65 -0.48
NEG CENTRAL___STATE_STREET 24147	28.57 0.45 0.00	25.81 0.30 0.00	20.48 0.12 0.00	22.89 0.20 0.00	23.20 0.12 0.00	23.64 0.24 0.00	20.89 0.31 0.00	21.90 0.21 0.00	25.51 0.29 0.00	28.40 0.29 0.00	30.38 0.16 0.00	33.54 0.30 0.00	33.71 0.25 0.00	39.60 0.25 0.00	33.17 0.35 0.00	30.23 0.44 0.00	28.62 0.57 0.00	28.43 0.79 0.00	29.26 0.79 0.00	33.04 0.88 -0.99	34.14 0.75 -1.83	46.80 1.01 -3.61	31.31 0.57 -1.44	30.94 0.61 -1.36
NEG MILLWOOD___DRP 24198	29.85 1.72 0.00	27.03 1.52 0.00	21.41 1.05 0.00	23.84 1.14 0.00	24.25 1.17 0.00	24.65 1.25 0.00	21.76 1.19 0.00	23.97 1.29 -0.99	27.85 1.56 -1.08	30.50 1.83 -0.55	33.17 2.08 -0.87	35.56 2.31 0.00	35.94 2.48 0.00	42.37 3.02 0.00	35.42 2.59 0.00	32.12 2.32 0.00	30.55 2.50 0.00	30.23 2.60 0.00	30.81 2.35 0.00	33.23 2.06 0.00	33.50 1.94 0.00	44.56 2.38 0.00	30.98 1.68 0.00	30.66 1.69 0.00
NEG NORTH_FLCN_SEA 23793	28.62 0.50 0.00	25.94 0.44 0.00	20.79 0.43 0.00	23.24 0.54 0.00	23.70 0.62 0.00	24.02 0.62 0.00	21.19 0.62 0.00	22.66 0.97 0.00	26.25 1.03 0.00	29.07 0.97 0.00	31.38 1.16 0.00	34.21 0.96 0.00	34.24 0.78 0.00	40.20 0.84 0.00	33.47 0.64 0.00	30.48 0.68 0.00	28.36 0.31 0.00	27.96 0.33 0.00	28.95 0.48 0.00	31.71 0.54 0.00	32.35 0.79 0.00	43.36 1.18 0.00	30.11 0.80 0.00	29.63 0.66 0.00
NEG NORTH_KES_CHATEGAY 23792	28.29 0.17 0.00	25.69 0.18 0.00	20.60 0.24 0.00	23.01 0.32 0.00	23.46 0.38 0.00	23.78 0.38 0.00	20.91 0.34 0.00	22.06 0.37 0.00	25.63 0.41 0.00	28.45 0.34 0.00	30.55 0.33 0.00	33.66 0.41 0.00	33.81 0.35 0.00	39.70 0.34 0.00	33.07 0.24 0.00	30.05 0.25 0.00	27.97 -0.08 0.00	27.47 -0.16 0.00	28.48 0.01 0.00	31.33 0.15 0.00	31.90 0.34 0.00	42.82 0.64 0.00	29.72 0.41 0.00	29.20 0.23 0.00

NEG NORTH___ALICE_FALLS 23915	28.63 0.51 0.00	25.95 0.44 0.00	20.79 0.43 0.00	23.23 0.54 0.00	23.68 0.61 0.00	24.02 0.61 0.00	21.19 0.61 0.00	22.60 0.91 0.00	26.20 0.98 0.00	29.03 0.92 0.00	31.28 1.06 0.00	34.18 0.92 0.00	34.25 0.79 0.00	40.21 0.85 0.00	33.51 0.68 0.00	30.54 0.74 0.00	28.43 0.38 0.00	28.02 0.39 0.00	29.00 0.53 0.00	31.81 0.64 0.00	32.44 0.88 0.00	43.49 1.31 0.00	30.19 0.88 0.00	29.67 0.70 0.00
NEG NORTH___LWR_SARANAC 23913	28.63 0.51 0.00	25.95 0.44 0.00	20.79 0.43 0.00	23.23 0.54 0.00	23.68 0.61 0.00	24.02 0.61 0.00	21.19 0.61 0.00	22.60 0.91 0.00	26.20 0.98 0.00	29.03 0.92 0.00	31.28 1.06 0.00	34.18 0.92 0.00	34.25 0.79 0.00	40.21 0.85 0.00	33.51 0.68 0.00	30.54 0.74 0.00	28.43 0.38 0.00	28.02 0.39 0.00	29.00 0.53 0.00	31.81 0.64 0.00	32.44 0.88 0.00	43.49 1.31 0.00	30.19 0.88 0.00	29.67 0.70 0.00
NEG NORTH___PLATTSBURG 23628	28.63 0.51 0.00	25.95 0.44 0.00	20.79 0.43 0.00	23.23 0.54 0.00	23.68 0.61 0.00	24.01 0.61 0.00	21.18 0.61 0.00	22.60 0.91 0.00	26.20 0.98 0.00	29.03 0.92 0.00	31.28 1.06 0.00	34.18 0.92 0.00	34.25 0.79 0.00	40.21 0.85 0.00	33.51 0.68 0.00	30.54 0.74 0.00	28.43 0.38 0.00	28.02 0.39 0.00	29.00 0.53 0.00	31.81 0.63 0.00	32.44 0.88 0.00	43.49 1.31 0.00	30.19 0.88 0.00	29.67 0.70 0.00
NEG WEST_LEA_LOCKPORT 23791	28.03 -0.09 0.00	25.32 -0.19 0.00	20.01 -0.35 0.00	22.21 -0.48 0.00	22.47 -0.61 0.00	22.95 -0.45 0.00	20.25 -0.33 0.00	21.28 -0.40 0.00	24.67 -0.55 0.00	27.81 -0.30 0.00	29.59 -0.62 0.00	32.71 -0.54 0.00	32.49 -0.97 0.00	37.91 -1.45 0.00	31.53 -1.30 0.00	28.86 -0.94 0.00	27.52 -0.53 0.00	27.42 -0.21 0.00	28.27 -0.20 0.00	30.87 -0.30 0.00	30.99 -0.57 0.00	41.78 -0.41 0.00	29.28 -0.02 0.00	29.13 0.16 0.00
NEG WEST___LANCASTR 23811	28.40 0.28 0.00	25.56 0.06 0.00	20.19 -0.17 0.00	22.47 -0.23 0.00	22.74 -0.33 0.00	23.23 -0.17 0.00	20.53 -0.05 0.00	21.61 -0.08 0.00	25.14 -0.08 0.00	28.31 0.20 0.00	30.20 -0.02 0.00	33.36 0.11 0.00	33.14 -0.32 0.00	38.82 -0.54 0.00	32.28 -0.55 0.00	29.48 -0.32 0.00	28.12 0.07 0.00	27.98 0.34 0.00	28.74 0.27 0.00	31.39 0.22 0.00	31.52 -0.04 0.00	42.50 0.31 0.00	29.75 0.45 0.00	29.52 0.55 0.00
NEG_PENN_ALLEGHNY 23528	28.50 0.38 0.00	25.74 0.23 0.00	20.43 0.07 0.00	22.81 0.12 0.00	23.16 0.08 0.00	23.55 0.15 0.00	20.75 0.18 0.00	21.88 0.19 0.00	25.48 0.26 0.00	28.47 0.36 0.00	30.61 0.39 0.00	33.68 0.43 0.00	33.80 0.34 0.00	39.89 0.53 0.00	33.24 0.41 0.00	30.20 0.40 0.00	28.68 0.63 0.00	28.41 0.77 0.00	29.11 0.64 0.00	32.19 0.60 -0.42	32.81 0.47 -0.78	44.40 0.69 -1.53	30.40 0.49 -0.61	30.08 0.54 -0.57
NEG___GEN_MONROE 24207	28.39 0.27 0.00	25.68 0.17 0.00	20.34 -0.02 0.00	22.54 -0.16 0.00	22.87 -0.21 0.00	23.32 -0.08 0.00	20.60 0.03 0.00	21.72 0.03 0.00	25.22 0.00 0.00	28.44 0.33 0.00	30.41 0.19 0.00	33.55 0.30 0.00	33.47 0.01 0.00	39.21 -0.15 0.00	32.68 -0.15 0.00	29.83 0.03 0.00	28.24 0.20 0.00	28.07 0.44 0.00	28.94 0.47 0.00	31.68 0.51 0.00	31.91 0.35 0.00	42.85 0.67 0.00	29.87 0.57 0.00	29.63 0.66 0.00
NEPA___ENERGY 23901	28.53 0.41 0.00	25.60 0.09 0.00	20.09 -0.27 0.00	22.50 -0.19 0.00	22.75 -0.33 0.00	23.27 -0.13 0.00	20.62 0.04 0.00	21.68 0.00 0.00	25.28 0.06 0.00	28.41 0.30 0.00	30.44 0.22 0.00	33.65 0.40 0.00	33.46 0.00 0.00	39.43 0.08 0.00	32.76 -0.07 0.00	29.84 0.04 0.00	28.52 0.47 0.00	28.40 0.77 0.00	29.06 0.59 0.00	31.69 0.52 0.00	31.82 0.26 0.00	42.86 0.68 0.00	29.88 0.57 0.00	29.62 0.65 0.00
NEVERSINK___HYD 23608	29.19 1.06 0.00	26.40 0.89 0.00	20.92 0.56 0.00	23.29 0.59 0.00	23.67 0.60 0.00	24.06 0.65 0.00	21.23 0.65 0.00	22.39 0.70 0.00	26.04 0.81 0.00	29.10 0.99 0.00	31.35 1.13 0.00	34.56 1.31 0.00	34.94 1.48 0.00	41.11 1.75 0.00	33.44 0.61 0.00	30.32 0.52 0.00	28.99 0.94 0.00	28.79 1.16 0.00	29.43 0.96 0.00	31.93 0.76 0.00	32.89 1.33 0.00	43.73 1.55 0.00	30.34 1.03 0.00	30.00 1.02 0.00
NEWKRMKL_115KV_TB1 55635	28.89 0.77 0.00	26.24 0.73 0.00	20.95 0.59 0.00	23.39 0.69 0.00	23.77 0.69 0.00	24.06 0.66 0.00	21.14 0.56 0.00	22.83 0.58 -0.57	26.50 0.67 -0.61	29.05 0.63 -0.31	31.48 0.78 -0.49	34.04 0.79 0.00	34.35 0.89 0.00	40.37 1.02 0.00	33.72 0.89 0.00	30.59 0.79 0.00	28.99 0.94 0.00	28.72 1.09 0.00	29.42 0.95 0.00	31.98 0.81 0.00	32.32 0.76 0.00	43.02 0.84 0.00	29.96 0.66 0.00	29.74 0.77 0.00
NEWTON___FALLS_HYD 23847	28.19 0.07 0.00	25.53 0.02 0.00	20.38 0.02 0.00	22.64 -0.06 0.00	23.03 -0.05 0.00	23.38 -0.02 0.00	20.50 -0.08 0.00	21.53 -0.16 0.00	25.04 -0.18 0.00	27.91 -0.20 0.00	30.05 -0.17 0.00	32.90 -0.35 0.00	32.97 -0.49 0.00	38.61 -0.75 0.00	32.11 -0.72 0.00	29.10 -0.70 0.00	27.25 -0.80 0.00	26.82 -0.81 0.00	27.71 -0.75 0.00	30.99 -0.60 -0.41	32.00 -0.33 -0.76	43.54 -0.14 -1.50	29.54 -0.37 -0.60	29.11 -0.42 -0.56
NGRID_A1_DSASP 323792	27.84 -0.28 0.00	25.17 -0.34 0.00	19.91 -0.46 0.00	22.10 -0.59 0.00	22.35 -0.73 0.00	22.83 -0.57 0.00	20.12 -0.45 0.00	21.08 -0.61 0.00	24.36 -0.86 0.00	27.46 -0.65 0.00	29.22 -0.99 0.00	32.25 -1.00 0.00	32.04 -1.42 0.00	37.34 -2.01 0.00	31.03 -1.80 0.00	28.44 -1.36 0.00	27.13 -0.92 0.00	27.03 -0.61 0.00	27.85 -0.62 0.00	30.41 -0.76 0.00	30.54 -1.02 0.00	41.05 -1.13 0.00	28.74 -0.57 0.00	28.64 -0.33 0.00
NGRID_A2_DSASP 323793	27.84 -0.28 0.00	25.17 -0.34 0.00	19.91 -0.46 0.00	22.10 -0.59 0.00	22.35 -0.73 0.00	22.83 -0.57 0.00	20.12 -0.45 0.00	21.08 -0.61 0.00	24.36 -0.86 0.00	27.46 -0.65 0.00	29.22 -0.99 0.00	32.25 -1.00 0.00	32.04 -1.42 0.00	37.34 -2.01 0.00	31.03 -1.80 0.00	28.44 -1.36 0.00	27.13 -0.92 0.00	27.03 -0.61 0.00	27.85 -0.62 0.00	30.41 -0.76 0.00	30.54 -1.02 0.00	41.05 -1.13 0.00	28.74 -0.57 0.00	28.64 -0.33 0.00
NGRID_A4_DSASP 323807	27.84 -0.28 0.00	25.17 -0.34 0.00	19.90 -0.46 0.00	22.09 -0.60 0.00	22.35 -0.72 0.00	22.82 -0.58 0.00	20.13 -0.44 0.00	21.08 -0.61 0.00	24.35 -0.86 0.00	27.46 -0.65 0.00	29.20 -1.01 0.00	32.24 -1.01 0.00	32.03 -1.43 0.00	37.32 -2.03 0.00	31.02 -1.81 0.00	28.43 -1.37 0.00	27.13 -0.92 0.00	27.03 -0.61 0.00	27.85 -0.62 0.00	30.40 -0.77 0.00	30.53 -1.03 0.00	41.04 -1.14 0.00	28.75 -0.55 0.00	28.64 -0.34 0.00
NIAGARA_115E_LBMP 323715	27.66 -0.46 0.00	24.96 -0.55 0.00	19.73 -0.63 0.00	21.91 -0.78 0.00	22.15 -0.93 0.00	22.64 -0.76 0.00	19.94 -0.63 0.00	20.95 -0.74 0.00	24.26 -0.96 0.00	27.36 -0.75 0.00	29.13 -1.09 0.00	32.18 -1.07 0.00	31.96 -1.49 0.00	37.25 -2.10 0.00	30.98 -1.85 0.00	28.38 -1.41 0.00	27.08 -0.96 0.00	26.99 -0.64 0.00	27.81 -0.66 0.00	30.36 -0.81 0.00	30.48 -1.08 0.00	41.11 -1.07 0.00	28.82 -0.48 0.00	28.73 -0.24 0.00

NIAGARA_115W_LBMP 323714	27.79 -0.33 0.00	25.13 -0.38 0.00	19.87 -0.49 0.00	22.06 -0.63 0.00	22.32 -0.76 0.00	22.79 -0.61 0.00	20.09 -0.49 0.00	21.04 -0.65 0.00	24.30 -0.92 0.00	27.39 -0.71 0.00	29.16 -1.06 0.00	32.18 -1.07 0.00	31.97 -1.49 0.00	37.25 -2.10 0.00	30.96 -1.87 0.00	28.37 -1.43 0.00	27.06 -0.99 0.00	26.97 -0.67 0.00	27.79 -0.68 0.00	30.34 -0.84 0.00	30.47 -1.09 0.00	40.95 -1.23 0.00	28.66 -0.65 0.00	28.57 -0.40 0.00
NIAGARA_230_LBMP 323716	27.85 -0.28 0.00	25.13 -0.37 0.00	19.88 -0.48 0.00	22.08 -0.62 0.00	22.33 -0.74 0.00	22.81 -0.59 0.00	20.11 -0.47 0.00	21.15 -0.54 0.00	24.49 -0.73 0.00	27.60 -0.50 0.00	29.38 -0.84 0.00	32.43 -0.82 0.00	32.22 -1.24 0.00	37.61 -1.74 0.00	31.23 -1.60 0.00	28.58 -1.22 0.00	27.25 -0.79 0.00	27.14 -0.49 0.00	27.97 -0.50 0.00	30.55 -0.62 0.00	30.69 -0.87 0.00	41.40 -0.78 0.00	28.99 -0.32 0.00	28.86 -0.11 0.00
NIAGARA__115KV_198_GIBSON 55903	27.79 -0.33 0.00	25.13 -0.38 0.00	19.87 -0.49 0.00	22.05 -0.64 0.00	22.32 -0.76 0.00	22.78 -0.62 0.00	20.10 -0.47 0.00	21.04 -0.65 0.00	24.30 -0.92 0.00	27.40 -0.71 0.00	29.14 -1.08 0.00	32.17 -1.08 0.00	31.95 -1.51 0.00	37.23 -2.12 0.00	30.95 -1.88 0.00	28.36 -1.43 0.00	27.06 -0.98 0.00	26.97 -0.67 0.00	27.79 -0.68 0.00	30.33 -0.84 0.00	30.46 -1.10 0.00	40.91 -1.27 0.00	28.67 -0.63 0.00	28.56 -0.41 0.00
NIAGARA____ 23760	27.73 -0.40 0.00	25.05 -0.46 0.00	19.80 -0.56 0.00	21.98 -0.71 0.00	22.23 -0.85 0.00	22.72 -0.68 0.00	20.04 -0.54 0.00	21.05 -0.63 0.00	24.37 -0.84 0.00	27.48 -0.63 0.00	29.26 -0.96 0.00	32.32 -0.93 0.00	32.09 -1.37 0.00	37.44 -1.92 0.00	31.10 -1.73 0.00	28.49 -1.31 0.00	27.17 -0.88 0.00	27.06 -0.57 0.00	27.88 -0.58 0.00	30.46 -0.71 0.00	30.58 -0.98 0.00	41.20 -0.98 0.00	28.85 -0.46 0.00	28.71 -0.26 0.00
NINE_MILE_1 23575	27.21 -0.91 0.00	24.66 -0.85 0.00	19.67 -0.69 0.00	21.89 -0.81 0.00	22.25 -0.82 0.00	22.58 -0.82 0.00	19.90 -0.68 0.00	20.97 -0.72 0.00	24.35 -0.87 0.00	27.18 -0.92 0.00	29.22 -1.00 0.00	32.16 -1.09 0.00	32.33 -1.13 0.00	38.03 -1.32 0.00	31.73 -1.10 0.00	28.84 -0.95 0.00	27.24 -0.81 0.00	26.92 -0.71 0.00	27.69 -0.78 0.00	24.13 -0.86 6.18	19.28 -0.91 11.37	18.58 -1.19 22.40	19.54 -0.86 8.91	19.72 -0.84 8.42
NINE_MILE_2 23744	27.21 -0.91 0.00	24.66 -0.85 0.00	19.67 -0.69 0.00	21.89 -0.81 0.00	22.25 -0.82 0.00	22.58 -0.82 0.00	19.90 -0.68 0.00	20.97 -0.72 0.00	24.35 -0.87 0.00	27.18 -0.92 0.00	29.22 -1.00 0.00	32.16 -1.09 0.00	32.33 -1.13 0.00	38.04 -1.32 0.00	31.73 -1.10 0.00	28.84 -0.95 0.00	27.24 -0.81 0.00	26.92 -0.71 0.00	27.69 -0.78 0.00	24.04 -0.86 6.27	19.11 -0.91 11.54	18.24 -1.19 22.74	19.40 -0.86 9.05	19.59 -0.84 8.55
NM_CAPITAL____DRP 24208	28.97 0.84 0.00	26.31 0.80 0.00	21.00 0.64 0.00	23.46 0.76 0.00	23.84 0.76 0.00	24.14 0.73 0.00	21.20 0.63 0.00	22.90 0.64 -0.58	26.58 0.74 -0.62	29.10 0.67 -0.32	31.54 0.82 -0.50	34.07 0.82 0.00	34.38 0.93 0.00	40.40 1.05 0.00	33.73 0.90 0.00	30.60 0.80 0.00	29.01 0.96 0.00	28.75 1.12 0.00	29.46 0.99 0.00	32.02 0.85 0.00	32.38 0.82 0.00	43.10 0.92 0.00	30.03 0.73 0.00	29.79 0.82 0.00
NM_CENTRAL____DRP 24181	27.82 -0.30 0.00	25.18 -0.33 0.00	20.05 -0.31 0.00	22.32 -0.37 0.00	22.69 -0.39 0.00	23.04 -0.36 0.00	20.31 -0.27 0.00	21.39 -0.30 0.00	24.83 -0.39 0.00	27.76 -0.35 0.00	29.87 -0.35 0.00	32.89 -0.37 0.00	33.06 -0.39 0.00	38.95 -0.40 0.00	32.49 -0.34 0.00	29.54 -0.26 0.00	27.93 -0.12 0.00	27.63 0.00 0.00	28.41 -0.06 0.00	31.65 -0.12 -0.60	32.48 -0.19 -1.10	44.11 -0.24 -2.17	29.96 -0.20 -0.86	29.59 -0.20 -0.81
NM_FRONTIER____DRP 24179	27.79 -0.33 0.00	25.13 -0.38 0.00	19.87 -0.49 0.00	22.05 -0.64 0.00	22.32 -0.76 0.00	22.78 -0.62 0.00	20.10 -0.47 0.00	21.04 -0.65 0.00	24.30 -0.92 0.00	27.40 -0.71 0.00	29.14 -1.08 0.00	32.17 -1.08 0.00	31.95 -1.51 0.00	37.23 -2.12 0.00	30.95 -1.88 0.00	28.36 -1.43 0.00	27.06 -0.98 0.00	26.97 -0.67 0.00	27.79 -0.68 0.00	30.33 -0.84 0.00	30.46 -1.10 0.00	40.91 -1.27 0.00	28.67 -0.63 0.00	28.56 -0.41 0.00
NM_ST_REGIS____HYD 24053	28.31 0.19 0.00	25.69 0.19 0.00	20.58 0.22 0.00	22.92 0.23 0.00	23.38 0.30 0.00	23.69 0.29 0.00	20.74 0.16 0.00	21.77 0.08 0.00	25.33 0.11 0.00	28.20 0.09 0.00	30.27 0.05 0.00	33.25 0.00 0.00	33.39 -0.07 0.00	39.01 -0.34 0.00	32.39 -0.44 0.00	29.40 -0.39 0.00	27.32 -0.73 0.00	26.74 -0.89 0.00	27.74 -0.73 0.00	30.79 -0.57 -0.19	31.55 -0.35 -0.35	42.84 -0.02 -0.68	29.53 -0.05 -0.27	29.09 -0.13 -0.26
NORTHPORT____1 23551	30.09 1.97 0.00	27.31 1.81 0.00	21.62 1.26 0.00	23.96 1.27 0.00	24.40 1.32 0.00	24.82 1.41 0.00	21.96 1.38 0.00	25.52 1.42 -2.41	29.63 1.84 -2.58	31.64 2.21 -1.32	42.46 2.62 -9.63	44.05 2.72 -8.09	53.01 2.79 -16.75	45.15 3.34 -2.45	41.13 2.87 -5.43	31.75 1.95 0.00	30.24 2.19 0.00	29.96 2.33 0.00	30.54 2.07 0.00	32.87 1.70 0.00	33.29 1.73 0.00	44.55 2.37 0.00	31.30 1.99 0.00	31.09 2.12 0.00
NORTHPORT____2 23552	30.09 1.97 0.00	27.31 1.81 0.00	21.62 1.26 0.00	23.96 1.27 0.00	24.40 1.32 0.00	24.82 1.41 0.00	21.96 1.38 0.00	25.52 1.42 -2.41	29.63 1.84 -2.58	31.64 2.21 -1.32	42.46 2.62 -9.63	44.05 2.72 -8.09	53.01 2.79 -16.75	45.15 3.34 -2.45	41.13 2.87 -5.43	31.75 1.95 0.00	30.24 2.19 0.00	29.96 2.33 0.00	30.54 2.07 0.00	32.87 1.70 0.00	33.29 1.73 0.00	44.55 2.37 0.00	31.30 1.99 0.00	31.09 2.12 0.00
NORTHPORT____3 23553	29.96 1.84 0.00	27.19 1.68 0.00	21.52 1.16 0.00	23.86 1.17 0.00	24.29 1.22 0.00	24.71 1.31 0.00	21.85 1.27 0.00	25.42 1.32 -2.41	29.51 1.71 -2.58	31.49 2.06 -1.32	42.31 2.46 -9.63	42.92 2.72 -6.95	47.62 2.91 -11.25	42.84 3.46 -0.03	41.08 2.83 -5.42	31.81 2.01 0.00	30.28 2.23 0.00	30.01 2.37 0.00	30.54 2.08 0.00	32.87 1.70 0.00	33.28 1.72 0.00	44.46 2.28 0.00	31.13 1.83 0.00	30.92 1.95 0.00
NORTHPORT____4 23650	29.96 1.84 0.00	27.19 1.68 0.00	21.52 1.16 0.00	23.86 1.17 0.00	24.29 1.22 0.00	24.71 1.31 0.00	21.85 1.27 0.00	25.42 1.32 -2.41	29.51 1.71 -2.58	31.49 2.06 -1.32	42.31 2.46 -9.63	42.92 2.72 -6.95	47.62 2.91 -11.25	42.84 3.46 -0.03	41.08 2.83 -5.42	31.81 2.01 0.00	30.28 2.23 0.00	30.01 2.37 0.00	30.54 2.08 0.00	32.87 1.70 0.00	33.28 1.72 0.00	44.46 2.28 0.00	31.13 1.83 0.00	30.92 1.95 0.00
NORTHPORT____IC 23718	30.09 1.97 0.00	27.31 1.81 0.00	21.62 1.26 0.00	23.96 1.27 0.00	24.40 1.32 0.00	24.82 1.41 0.00	21.96 1.38 0.00	25.52 1.42 -2.41	29.63 1.84 -2.58	31.64 2.21 -1.32	42.46 2.62 -9.63	44.05 2.72 -8.09	53.01 2.79 -16.75	45.15 3.34 -2.45	41.13 2.87 -5.43	31.75 1.95 0.00	30.24 2.19 0.00	29.96 2.33 0.00	30.54 2.07 0.00	32.87 1.70 0.00	33.29 1.73 0.00	44.55 2.37 0.00	31.30 1.99 0.00	31.09 2.12 0.00

NORTH__COUNTRY_ESR 323785	28.22 0.10 0.00	25.64 0.13 0.00	20.56 0.20 0.00	22.96 0.26 0.00	23.41 0.34 0.00	23.72 0.32 0.00	20.87 0.30 0.00	22.00 0.32 0.00	25.57 0.35 0.00	28.39 0.28 0.00	30.49 0.27 0.00	33.60 0.35 0.00	33.75 0.29 0.00	39.63 0.27 0.00	33.01 0.18 0.00	30.00 0.20 0.00	27.93 -0.12 0.00	27.41 -0.22 0.00	28.41 -0.06 0.00	31.25 0.08 0.00	31.82 0.26 0.00	42.70 0.52 0.00	29.64 0.33 0.00	29.13 0.16 0.00
NPX_GEN_1385_PROXY 323591	30.14 2.02 0.00	27.37 1.86 0.00	21.66 1.29 0.00	24.01 1.31 0.00	24.44 1.37 0.00	24.86 1.46 0.00	22.02 1.42 -0.02	25.56 1.46 -2.41	29.68 1.88 -2.58	31.64 2.21 -1.32	42.46 2.62 -9.63	44.05 2.72 -8.09	53.01 2.79 -16.75	45.15 3.34 -2.45	41.13 2.87 -5.43	31.75 1.95 0.00	32.60 2.22 -2.33	30.01 2.37 0.00	30.59 2.12 0.00	32.92 1.75 0.00	33.35 1.79 0.00	44.64 2.46 0.00	31.36 2.06 0.00	31.56 2.15 -0.43
NPX_GEN_CSC 323557	30.80 2.68 0.00	27.91 2.40 0.00	22.07 1.71 0.00	24.44 1.75 0.00	24.89 1.81 0.00	25.31 1.91 0.00	22.48 1.89 -0.02	25.99 1.89 -2.41	30.24 2.44 -2.58	32.31 2.88 -1.32	43.24 3.40 -9.63	54.68 3.78 -17.65	100.62 3.92 -63.25	66.81 4.56 -22.90	41.99 3.72 -5.44	32.50 2.70 0.00	33.19 2.81 -2.33	30.61 2.98 0.00	31.27 2.80 0.00	33.74 2.57 0.00	34.36 2.80 0.00	46.12 3.94 0.00	32.33 3.02 0.00	32.48 3.08 -0.43
NSINS_S_GLNS_FALLS 23858	30.04 1.92 0.00	27.10 1.59 0.00	21.48 1.12 0.00	24.04 1.34 0.00	24.47 1.40 0.00	24.83 1.43 0.00	21.91 1.33 0.00	23.70 1.47 -0.55	27.49 1.69 -0.58	30.18 1.77 -0.30	32.59 1.90 -0.47	35.22 1.97 0.00	35.46 2.00 0.00	41.45 2.10 0.00	34.58 1.75 0.00	31.61 1.81 0.00	29.96 1.91 0.00	29.74 2.11 0.00	30.65 2.19 0.00	33.26 2.09 0.00	33.90 2.34 0.00	45.12 2.94 0.00	31.39 2.09 0.00	31.10 2.13 0.00
NUCOR_STEEL__DRP 24197	28.38 0.25 0.00	25.62 0.11 0.00	20.32 -0.04 0.00	22.73 0.03 0.00	23.01 -0.06 0.00	23.46 0.06 0.00	20.73 0.15 0.00	21.73 0.04 0.00	25.34 0.12 0.00	28.35 0.24 0.00	30.31 0.09 0.00	33.49 0.24 0.00	33.65 0.19 0.00	39.52 0.17 0.00	33.10 0.27 0.00	30.18 0.38 0.00	28.42 0.37 0.00	28.21 0.58 0.00	28.99 0.53 0.00	32.88 0.63 -1.08	34.04 0.50 -1.98	46.77 0.68 -3.91	31.21 0.35 -1.56	30.83 0.40 -1.47
NUMBER_THREE_WT_PWR 323818	28.43 0.31 0.00	25.68 0.17 0.00	20.44 0.08 0.00	22.66 -0.04 0.00	23.00 -0.07 0.00	23.38 -0.02 0.00	20.54 -0.03 0.00	21.64 -0.05 0.00	25.20 -0.02 0.00	28.19 0.08 0.00	30.41 0.19 0.00	33.26 0.01 0.00	33.30 -0.16 0.00	39.16 -0.19 0.00	32.63 -0.20 0.00	29.55 -0.25 0.00	27.79 -0.25 0.00	27.46 -0.17 0.00	28.27 -0.19 0.00	31.63 -0.07 -0.53	32.77 0.24 -0.97	44.51 0.42 -1.91	29.79 -0.28 -0.76	29.35 -0.33 -0.72
NYISO_LBMP_REFERENCE 24008	28.12 0.00 0.00	25.51 0.00 0.00	20.36 0.00 0.00	22.70 0.00 0.00	23.08 0.00 0.00	23.40 0.00 0.00	20.58 0.00 0.00	21.69 0.00 0.00	25.22 0.00 0.00	28.11 0.00 0.00	30.22 0.00 0.00	33.25 0.00 0.00	33.46 0.00 0.00	39.35 0.00 0.00	32.83 0.00 0.00	29.80 0.00 0.00	28.05 0.00 0.00	27.63 0.00 0.00	28.47 0.00 0.00	31.17 0.00 0.00	31.56 0.00 0.00	42.18 0.00 0.00	29.31 0.00 0.00	28.97 0.00 0.00
NYPA_BRENTWD__GT 24164	30.52 2.40 0.00	27.67 2.17 0.00	21.88 1.52 0.00	24.26 1.56 0.00	24.69 1.62 0.00	25.12 1.72 0.00	22.24 1.67 0.00	25.83 1.73 -2.41	30.02 2.22 -2.58	32.09 2.66 -1.32	42.99 3.14 -9.63	46.52 3.40 -9.87	62.40 3.51 -25.44	49.70 4.08 -6.27	41.58 3.34 -5.41	32.09 2.29 0.00	30.54 2.49 0.00	30.28 2.65 0.00	30.93 2.47 0.00	33.29 2.11 0.00	33.77 2.21 0.00	45.44 3.26 0.00	31.83 2.53 0.00	31.58 2.61 0.00
NYPA_GOWANUS__GT5 24156	29.79 1.66 0.00	26.95 1.44 0.00	21.34 0.98 0.00	23.73 1.04 0.00	24.15 1.07 0.00	24.57 1.17 0.00	21.75 1.17 0.00	25.35 1.24 -2.43	29.36 1.54 -2.60	31.31 1.87 -1.33	34.45 2.14 -2.10	35.66 2.40 -0.01	36.08 2.61 -0.01	13.34 3.15 29.16	35.52 2.68 0.00	32.35 2.34 -0.22	30.57 2.50 -0.03	30.22 2.58 -0.01	30.75 2.28 -0.01	33.10 1.92 0.00	33.38 1.81 -0.01	44.40 2.22 0.00	30.99 1.68 -0.01	30.68 1.71 0.00
NYPA_GOWANUS__GT6 24157	29.79 1.66 0.00	26.95 1.44 0.00	21.34 0.98 0.00	23.73 1.04 0.00	24.15 1.07 0.00	24.57 1.17 0.00	21.75 1.17 0.00	25.35 1.24 -2.43	29.36 1.54 -2.60	31.31 1.87 -1.33	34.45 2.14 -2.10	35.66 2.40 -0.01	36.08 2.61 -0.01	13.34 3.15 29.16	35.52 2.68 0.00	32.35 2.34 -0.22	30.57 2.50 -0.03	30.22 2.58 -0.01	30.75 2.28 -0.01	33.10 1.92 0.00	33.38 1.81 -0.01	44.40 2.22 0.00	30.99 1.68 -0.01	30.68 1.71 0.00
NYPA_HARLEM_RVR_GT1 24160	29.60 1.47 0.00	26.81 1.30 0.00	21.23 0.87 0.00	23.61 0.91 0.00	24.03 0.96 0.00	24.45 1.05 0.00	21.64 1.07 0.00	25.23 1.11 -2.43	29.20 1.38 -2.60	31.15 1.70 -1.33	34.33 2.02 -2.10	35.42 2.17 -0.01	35.80 2.33 -0.01	42.18 2.83 0.00	35.31 2.48 0.00	31.94 2.14 0.00	30.38 2.33 0.00	30.03 2.40 0.00	30.54 2.07 0.00	32.92 1.75 0.00	33.24 1.68 0.00	44.28 2.10 0.00	30.86 1.56 0.00	30.57 1.60 0.00
NYPA_HARLEM_RVR_GT2 24161	29.60 1.47 0.00	26.81 1.30 0.00	21.23 0.87 0.00	23.61 0.91 0.00	24.03 0.96 0.00	24.45 1.05 0.00	21.64 1.07 0.00	25.23 1.11 -2.43	29.20 1.38 -2.60	31.15 1.70 -1.33	34.33 2.02 -2.10	35.42 2.17 -0.01	35.80 2.33 -0.01	42.18 2.83 0.00	35.31 2.48 0.00	31.94 2.14 0.00	30.38 2.33 0.00	30.03 2.40 0.00	30.54 2.07 0.00	32.92 1.75 0.00	33.24 1.68 0.00	44.28 2.10 0.00	30.86 1.56 0.00	30.57 1.60 0.00
NYPA_KENT__GT 24152	29.74 1.62 0.00	26.92 1.41 0.00	21.32 0.96 0.00	23.71 1.01 0.00	24.13 1.05 0.00	24.55 1.15 0.00	21.73 1.16 0.00	25.34 1.23 -2.43	29.35 1.53 -2.60	31.31 1.87 -1.33	34.45 2.14 -2.10	35.64 2.39 -0.01	36.04 2.57 -0.01	42.44 3.09 0.00	35.46 2.63 0.00	32.23 2.30 -0.13	30.52 2.46 -0.02	30.18 2.54 0.00	30.70 2.23 0.00	33.04 1.87 0.00	33.33 1.77 0.00	44.36 2.19 0.00	30.96 1.65 0.00	30.65 1.68 0.00
NYPA_POUCH1__GT 24155	29.76 1.64 0.00	26.93 1.42 0.00	21.32 0.96 0.00	23.71 1.01 0.00	24.12 1.05 0.00	24.55 1.15 0.00	21.73 1.15 0.00	25.32 1.21 -2.43	29.32 1.50 -2.60	31.25 1.81 -1.33	34.36 2.05 -2.10	35.50 2.30 0.05	35.95 2.51 0.02	42.39 3.03 0.00	35.41 2.58 0.00	32.26 2.25 -0.22	30.51 2.43 -0.03	30.17 2.53 -0.01	30.70 2.23 -0.01	33.03 1.86 0.00	33.30 1.74 -0.01	44.29 2.11 0.00	30.98 1.67 -0.01	30.66 1.68 0.00
NYPA_VERNON__GT2 24162	29.69 1.56 0.00	26.88 1.37 0.00	21.29 0.93 0.00	23.68 0.99 0.00	24.09 1.02 0.00	24.52 1.12 0.00	21.70 1.12 0.00	25.32 1.21 -2.43	29.32 1.51 -2.60	31.29 1.85 -1.33	34.42 2.11 -2.10	35.60 2.34 -0.01	35.97 2.51 -0.01	42.36 3.00 0.00	35.40 2.57 0.00	32.08 2.24 -0.04	30.48 2.42 -0.01	30.12 2.48 0.00	30.63 2.17 0.00	32.98 1.80 0.00	33.27 1.70 0.00	44.30 2.12 0.00	30.89 1.59 0.00	30.59 1.62 0.00

NYPA_VERNON____GT3 24163	29.69 1.56 0.00	26.88 1.37 0.00	21.29 0.93 0.00	23.68 0.99 0.00	24.09 1.02 0.00	24.52 1.12 0.00	21.70 1.12 0.00	25.32 1.21 -2.43	29.32 1.51 -2.60	31.29 1.85 -1.33	34.42 2.11 -2.10	35.60 2.34 -0.01	35.97 2.51 -0.01	42.36 3.00 0.00	35.40 2.57 0.00	32.08 2.24 -0.04	30.48 2.42 -0.01	30.12 2.48 0.00	30.63 2.17 0.00	32.98 1.80 0.00	33.27 1.70 0.00	44.30 2.12 0.00	30.89 1.59 0.00	30.59 1.62 0.00
NYPA____ASTORIA_CC1 323568	29.62 1.50 0.00	26.82 1.31 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.47 1.07 0.00	21.66 1.08 0.00	25.27 1.16 -2.43	29.25 1.44 -2.60	31.23 1.79 -1.33	34.38 2.06 -2.10	35.53 2.28 -0.01	35.91 2.44 -0.01	42.27 2.91 0.00	35.32 2.49 0.00	31.97 2.17 0.00	30.40 2.35 0.00	30.05 2.42 0.00	30.57 2.10 0.00	32.91 1.74 0.00	33.20 1.65 0.00	44.23 2.05 0.00	30.84 1.53 0.00	30.53 1.56 0.00
NYPA____ASTORIA_CC2 323569	29.62 1.50 0.00	26.82 1.31 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.47 1.07 0.00	21.66 1.08 0.00	25.27 1.16 -2.43	29.25 1.44 -2.60	31.23 1.79 -1.33	34.38 2.06 -2.10	35.53 2.28 -0.01	35.91 2.44 -0.01	42.27 2.91 0.00	35.32 2.49 0.00	31.97 2.17 0.00	30.40 2.35 0.00	30.05 2.42 0.00	30.57 2.10 0.00	32.91 1.74 0.00	33.20 1.65 0.00	44.23 2.05 0.00	30.84 1.53 0.00	30.53 1.56 0.00
NYPA____HOLTSVILL 23794	30.40 2.28 0.00	27.57 2.07 0.00	21.82 1.46 0.00	24.17 1.47 0.00	24.60 1.53 0.00	25.03 1.63 0.00	22.17 1.59 0.00	25.72 1.62 -2.41	29.90 2.11 -2.58	31.93 2.50 -1.32	42.80 2.95 -9.63	53.97 3.23 -17.49	99.29 3.35 -62.48	65.88 3.97 -22.56	41.59 3.32 -5.44	32.13 2.33 0.00	30.59 2.54 0.00	30.33 2.70 0.00	30.92 2.46 0.00	33.29 2.11 0.00	33.76 2.20 0.00	45.25 3.07 0.00	31.73 2.43 0.00	31.50 2.53 0.00
NYPA____HELLGATE_GT1 24158	29.60 1.47 0.00	26.81 1.30 0.00	21.23 0.87 0.00	23.61 0.91 0.00	24.03 0.96 0.00	24.45 1.05 0.00	21.64 1.07 0.00	25.23 1.11 -2.43	29.20 1.38 -2.60	31.15 1.70 -1.33	34.33 2.02 -2.10	35.42 2.17 -0.01	35.80 2.33 -0.01	42.18 2.83 0.00	35.31 2.48 0.00	31.94 2.14 0.00	30.38 2.33 0.00	30.03 2.40 0.00	30.54 2.07 0.00	32.92 1.75 0.00	33.24 1.68 0.00	44.31 2.13 0.00	30.86 1.56 0.00	30.57 1.60 0.00
NYPA____HELLGATE_GT2 24159	29.60 1.47 0.00	26.81 1.30 0.00	21.23 0.87 0.00	23.61 0.91 0.00	24.03 0.96 0.00	24.45 1.05 0.00	21.64 1.07 0.00	25.23 1.11 -2.43	29.20 1.38 -2.60	31.15 1.70 -1.33	34.33 2.02 -2.10	35.42 2.17 -0.01	35.80 2.33 -0.01	42.18 2.83 0.00	35.31 2.48 0.00	31.94 2.14 0.00	30.38 2.33 0.00	30.03 2.40 0.00	30.54 2.07 0.00	32.92 1.75 0.00	33.24 1.68 0.00	44.31 2.13 0.00	30.86 1.56 0.00	30.57 1.60 0.00
NYS_BARGE____HYD 23848	28.07 -0.05 0.00	25.34 -0.17 0.00	20.02 -0.34 0.00	22.23 -0.46 0.00	22.49 -0.59 0.00	22.98 -0.42 0.00	20.25 -0.32 0.00	21.30 -0.39 0.00	24.69 -0.53 0.00	27.84 -0.27 0.00	29.64 -0.58 0.00	32.76 -0.50 0.00	32.54 -0.92 0.00	37.97 -1.39 0.00	31.58 -1.25 0.00	28.91 -0.89 0.00	27.56 -0.49 0.00	27.47 -0.16 0.00	28.32 -0.14 0.00	30.93 -0.24 0.00	31.05 -0.51 0.00	41.86 -0.31 0.00	29.31 0.00 0.00	29.18 0.21 0.00
OAK ORCHARD____HYD 24046	28.28 0.16 0.00	25.54 0.03 0.00	20.25 -0.11 0.00	22.49 -0.20 0.00	22.81 -0.27 0.00	23.25 -0.15 0.00	20.53 -0.05 0.00	21.64 -0.05 0.00	25.13 -0.09 0.00	28.23 0.12 0.00	30.21 -0.01 0.00	33.32 0.07 0.00	33.27 -0.19 0.00	39.02 -0.33 0.00	32.48 -0.35 0.00	29.64 -0.16 0.00	28.14 0.09 0.00	27.97 0.34 0.00	28.86 0.39 0.00	31.57 0.40 0.00	31.78 0.22 0.00	42.69 0.51 0.00	29.71 0.40 0.00	29.44 0.47 0.00
OAKDALE____35_KV_LOAD 356122	28.41 0.29 0.00	25.67 0.16 0.00	20.37 0.01 0.00	22.75 0.06 0.00	23.10 0.02 0.00	23.49 0.08 0.00	20.69 0.11 0.00	21.82 0.13 0.00	25.38 0.16 0.00	28.38 0.27 0.00	30.50 0.28 0.00	33.57 0.32 0.00	33.68 0.22 0.00	39.72 0.37 0.00	33.11 0.28 0.00	30.08 0.27 0.00	28.54 0.49 0.00	28.27 0.64 0.00	28.98 0.51 0.00	32.03 0.44 -0.41	32.65 0.33 -0.76	44.16 0.49 -1.49	30.27 0.37 -0.59	29.95 0.42 -0.56
OCC_CHEM____DRP 24175	27.84 -0.28 0.00	25.17 -0.34 0.00	19.90 -0.46 0.00	22.09 -0.60 0.00	22.35 -0.72 0.00	22.82 -0.58 0.00	20.13 -0.44 0.00	21.08 -0.61 0.00	24.35 -0.86 0.00	27.46 -0.65 0.00	29.20 -1.01 0.00	32.24 -1.01 0.00	32.03 -1.43 0.00	37.32 -2.03 0.00	31.02 -1.81 0.00	28.43 -1.37 0.00	27.13 -0.92 0.00	27.03 -0.61 0.00	27.85 -0.62 0.00	30.40 -0.77 0.00	30.53 -1.03 0.00	41.04 -1.14 0.00	28.75 -0.55 0.00	28.64 -0.34 0.00
OH_GEN_PROXY 24063	27.85 -0.27 0.00	25.14 -0.37 0.00	19.88 -0.48 0.00	22.09 -0.61 0.00	22.35 -0.73 0.00	22.82 -0.58 0.00	20.15 -0.45 -0.02	34.63 -0.51 -13.45	24.54 -0.68 0.00	48.25 -0.46 -20.60	29.44 -0.78 0.00	61.01 -0.76 -28.52	32.28 -1.18 0.00	37.69 -1.66 0.00	31.29 -1.54 0.00	28.63 -1.17 0.00	29.62 -0.75 -2.33	27.18 -0.45 0.00	36.99 -0.47 -9.00	30.59 -0.58 0.00	30.74 -0.82 0.00	41.47 -0.71 0.00	55.61 -0.28 -26.58	29.32 -0.08 -0.43
OLIN_CORP_DRP 24177	27.71 -0.41 0.00	25.00 -0.50 0.00	19.76 -0.60 0.00	21.94 -0.75 0.00	22.20 -0.88 0.00	22.68 -0.72 0.00	19.99 -0.58 0.00	20.99 -0.69 0.00	24.31 -0.91 0.00	27.42 -0.69 0.00	29.17 -1.05 0.00	32.23 -1.02 0.00	32.02 -1.44 0.00	37.32 -2.04 0.00	31.04 -1.79 0.00	28.44 -1.36 0.00	27.14 -0.91 0.00	27.05 -0.58 0.00	27.87 -0.60 0.00	30.43 -0.75 0.00	30.54 -1.02 0.00	41.18 -1.00 0.00	28.89 -0.41 0.00	28.77 -0.20 0.00
OLIN_CORP_DSASP 323712	27.84 -0.28 0.00	25.17 -0.34 0.00	19.91 -0.46 0.00	22.10 -0.59 0.00	22.35 -0.73 0.00	22.83 -0.57 0.00	20.12 -0.45 0.00	21.08 -0.61 0.00	24.36 -0.86 0.00	27.46 -0.65 0.00	29.22 -0.99 0.00	32.25 -1.00 0.00	32.04 -1.42 0.00	37.34 -2.01 0.00	31.03 -1.80 0.00	28.44 -1.36 0.00	27.13 -0.92 0.00	27.03 -0.61 0.00	27.85 -0.62 0.00	30.41 -0.76 0.00	30.54 -1.02 0.00	41.05 -1.13 0.00	28.74 -0.57 0.00	28.64 -0.33 0.00
ONEIDA_HERK_LFGE 323681	28.60 0.48 0.00	25.88 0.37 0.00	20.61 0.25 0.00	22.94 0.25 0.00	23.31 0.23 0.00	23.68 0.28 0.00	20.84 0.27 0.00	21.96 0.27 0.00	25.57 0.35 0.00	28.60 0.49 0.00	30.79 0.58 0.00	33.84 0.59 0.00	34.06 0.60 0.00	40.11 0.75 0.00	33.42 0.59 0.00	30.33 0.54 0.00	28.59 0.54 0.00	28.28 0.65 0.00	29.08 0.61 0.00	32.06 0.68 -0.21	32.69 0.75 -0.39	43.94 1.00 -0.76	30.09 0.48 -0.30	29.67 0.41 -0.29
ONEIDA____115KV_TB4 55905	28.68 0.56 0.00	25.94 0.43 0.00	20.65 0.28 0.00	22.99 0.29 0.00	23.36 0.28 0.00	23.74 0.33 0.00	20.91 0.33 0.00	22.02 0.33 0.00	25.62 0.40 0.00	28.67 0.56 0.00	30.87 0.65 0.00	33.97 0.73 0.00	34.23 0.77 0.00	40.39 1.04 0.00	33.63 0.80 0.00	30.55 0.75 0.00	28.87 0.81 0.00	28.59 0.96 0.00	29.37 0.91 0.00	32.46 0.96 -0.32	33.13 0.98 -0.59	44.58 1.24 -1.16	30.52 0.75 -0.46	30.05 0.65 -0.44

ONONDAGA_REF_OCCRA 23987	28.01 -0.11 0.00	25.34 -0.17 0.00	20.18 -0.18 0.00	22.46 -0.23 0.00	22.84 -0.24 0.00	23.19 -0.21 0.00	20.44 -0.13 0.00	21.53 -0.16 0.00	25.01 -0.21 0.00	27.95 -0.16 0.00	30.06 -0.15 0.00	33.09 -0.15 0.00	33.29 -0.17 0.00	39.23 -0.12 0.00	32.72 -0.11 0.00	29.76 -0.04 0.00	28.15 0.10 0.00	27.84 0.21 0.00	28.62 0.16 0.00	32.03 0.13 -0.73	32.96 0.06 -1.34	44.89 0.08 -2.63	30.37 0.02 -1.05	29.98 0.02 -0.99
ONONDAGA___COGEN 23986	27.95 -0.17 0.00	25.29 -0.22 0.00	20.14 -0.23 0.00	22.43 -0.26 0.00	22.81 -0.27 0.00	23.16 -0.24 0.00	20.42 -0.16 0.00	21.50 -0.19 0.00	24.99 -0.23 0.00	27.94 -0.17 0.00	30.03 -0.19 0.00	33.08 -0.17 0.00	33.26 -0.20 0.00	39.18 -0.17 0.00	32.70 -0.13 0.00	29.74 -0.05 0.00	28.09 0.04 0.00	27.79 0.16 0.00	28.57 0.10 0.00	32.36 0.08 -1.11	33.62 0.01 -2.05	46.24 0.01 -4.04	30.87 -0.04 -1.61	30.46 -0.04 -1.52
ONTARIO___LFGE 23819	28.45 0.33 0.00	25.64 0.13 0.00	20.33 -0.04 0.00	22.67 -0.03 0.00	22.99 -0.08 0.00	23.45 0.05 0.00	20.68 0.10 0.00	21.78 0.09 0.00	25.38 0.16 0.00	28.41 0.30 0.00	30.47 0.25 0.00	33.53 0.28 0.00	33.61 0.15 0.00	39.61 0.26 0.00	33.09 0.26 0.00	30.17 0.37 0.00	28.57 0.52 0.00	28.39 0.75 0.00	29.16 0.70 0.00	32.28 0.75 -0.35	32.78 0.56 -0.65	44.30 0.84 -1.29	30.40 0.58 -0.51	30.11 0.66 -0.48
ORANGEVILLE_WT_PWR 323706	28.29 0.17 0.00	25.51 0.01 0.00	20.14 -0.22 0.00	22.41 -0.29 0.00	22.66 -0.41 0.00	23.10 -0.30 0.00	20.26 -0.32 0.00	21.34 -0.35 0.00	24.91 -0.30 0.00	28.00 -0.11 0.00	30.08 -0.13 0.00	33.30 0.05 0.00	33.20 -0.26 0.00	38.96 -0.40 0.00	32.43 -0.40 0.00	29.56 -0.23 0.00	28.13 0.08 0.00	27.98 0.35 0.00	28.75 0.28 0.00	31.42 0.25 0.00	31.51 -0.05 0.00	42.35 0.17 0.00	29.55 0.24 0.00	29.38 0.41 0.00
ORANGEVILLE___ESR 323794	28.29 0.17 0.00	25.51 0.01 0.00	20.14 -0.22 0.00	22.41 -0.29 0.00	22.66 -0.41 0.00	23.10 -0.30 0.00	20.26 -0.32 0.00	21.34 -0.35 0.00	24.91 -0.30 0.00	28.00 -0.11 0.00	30.08 -0.13 0.00	33.30 0.05 0.00	33.20 -0.26 0.00	38.96 -0.40 0.00	32.43 -0.40 0.00	29.56 -0.23 0.00	28.13 0.08 0.00	27.98 0.35 0.00	28.75 0.28 0.00	31.42 0.25 0.00	31.51 -0.05 0.00	42.35 0.17 0.00	29.55 0.24 0.00	29.38 0.41 0.00
OSWEGATCHIE___HYD 24044	28.19 0.07 0.00	25.53 0.02 0.00	20.38 0.02 0.00	22.63 -0.06 0.00	23.03 -0.05 0.00	23.38 -0.03 0.00	20.50 -0.08 0.00	21.53 -0.16 0.00	25.04 -0.18 0.00	27.91 -0.20 0.00	30.05 -0.17 0.00	32.90 -0.35 0.00	32.97 -0.49 0.00	38.61 -0.75 0.00	32.11 -0.72 0.00	29.10 -0.69 0.00	27.25 -0.80 0.00	26.82 -0.81 0.00	27.71 -0.75 0.00	30.99 -0.60 -0.41	32.00 -0.32 -0.76	43.54 -0.14 -1.50	29.54 -0.36 -0.60	29.11 -0.42 -0.56
OSWEGO___5 23606	27.45 -0.67 0.00	24.86 -0.64 0.00	19.83 -0.53 0.00	22.07 -0.62 0.00	22.43 -0.64 0.00	22.78 -0.63 0.00	20.06 -0.51 0.00	21.14 -0.54 0.00	24.56 -0.66 0.00	27.41 -0.70 0.00	29.46 -0.76 0.00	32.43 -0.82 0.00	32.60 -0.86 0.00	38.36 -1.00 0.00	32.00 -0.83 0.00	29.09 -0.71 0.00	27.48 -0.57 0.00	27.16 -0.48 0.00	27.93 -0.53 0.00	35.18 -0.60 -4.61	39.39 -0.65 -8.48	58.04 -0.85 -16.71	35.33 -0.62 -6.65	34.66 -0.59 -6.28
OSWEGO___6 23613	27.45 -0.67 0.00	24.86 -0.64 0.00	19.83 -0.53 0.00	22.07 -0.62 0.00	22.43 -0.64 0.00	22.78 -0.63 0.00	20.06 -0.51 0.00	21.14 -0.54 0.00	24.56 -0.66 0.00	27.41 -0.70 0.00	29.46 -0.76 0.00	32.43 -0.82 0.00	32.60 -0.86 0.00	38.36 -1.00 0.00	32.00 -0.83 0.00	29.09 -0.71 0.00	27.48 -0.57 0.00	27.16 -0.48 0.00	27.93 -0.53 0.00	35.18 -0.60 -4.61	39.39 -0.65 -8.48	58.04 -0.85 -16.71	35.33 -0.62 -6.65	34.66 -0.59 -6.28
OUTOKUMPU-AB___DRP 24206	28.40 0.28 0.00	25.63 0.12 0.00	20.24 -0.12 0.00	22.48 -0.21 0.00	22.74 -0.33 0.00	23.23 -0.17 0.00	20.50 -0.08 0.00	21.54 -0.15 0.00	24.95 -0.27 0.00	28.15 0.04 0.00	29.94 -0.28 0.00	33.04 -0.21 0.00	32.84 -0.62 0.00	38.34 -1.01 0.00	31.88 -0.95 0.00	29.19 -0.61 0.00	27.85 -0.20 0.00	27.76 0.13 0.00	28.59 0.12 0.00	31.18 0.01 0.00	31.30 -0.27 0.00	42.13 -0.05 0.00	29.55 0.24 0.00	29.39 0.42 0.00
OXBOW____ 24026	28.21 0.09 0.00	25.47 -0.04 0.00	20.13 -0.23 0.00	22.36 -0.34 0.00	22.60 -0.47 0.00	23.10 -0.30 0.00	20.36 -0.21 0.00	21.37 -0.32 0.00	24.73 -0.49 0.00	27.90 -0.21 0.00	29.70 -0.52 0.00	32.77 -0.49 0.00	32.55 -0.90 0.00	38.00 -1.36 0.00	31.58 -1.25 0.00	28.93 -0.86 0.00	27.59 -0.46 0.00	27.50 -0.13 0.00	28.33 -0.14 0.00	30.91 -0.26 0.00	31.03 -0.53 0.00	41.76 -0.42 0.00	29.23 -0.08 0.00	29.12 0.14 0.00
OXY_CHEM_DSASP 323612	27.84 -0.28 0.00	25.17 -0.34 0.00	19.90 -0.46 0.00	22.09 -0.60 0.00	22.35 -0.72 0.00	22.82 -0.58 0.00	20.13 -0.44 0.00	21.08 -0.61 0.00	24.35 -0.86 0.00	27.46 -0.65 0.00	29.20 -1.01 0.00	32.24 -1.01 0.00	32.03 -1.43 0.00	37.32 -2.03 0.00	31.02 -1.81 0.00	28.43 -1.37 0.00	27.13 -0.92 0.00	27.03 -0.61 0.00	27.85 -0.62 0.00	30.40 -0.77 0.00	30.53 -1.03 0.00	41.04 -1.14 0.00	28.75 -0.55 0.00	28.64 -0.34 0.00
OZONE_PARK_ESR 323760	29.98 1.86 0.00	27.12 1.62 0.00	21.47 1.11 0.00	23.88 1.18 0.00	24.29 1.21 0.00	24.71 1.31 0.00	21.86 1.29 0.00	25.51 1.39 -2.43	29.55 1.73 -2.60	31.53 2.09 -1.33	34.65 2.34 -2.10	35.84 2.59 0.00	36.23 2.77 0.00	42.70 3.35 0.00	35.73 2.90 0.00	32.37 2.57 0.00	30.78 2.73 0.00	30.42 2.79 0.00	30.94 2.47 0.00	33.30 2.13 0.00	33.58 2.02 0.00	44.68 2.50 0.00	31.14 1.83 0.00	30.83 1.86 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.84 -0.28 0.00	25.17 -0.34 0.00	19.90 -0.46 0.00	22.09 -0.60 0.00	22.35 -0.72 0.00	22.82 -0.58 0.00	20.13 -0.44 0.00	21.08 -0.61 0.00	24.35 -0.86 0.00	27.46 -0.65 0.00	29.20 -1.01 0.00	32.24 -1.01 0.00	32.03 -1.43 0.00	37.32 -2.03 0.00	31.02 -1.81 0.00	28.43 -1.37 0.00	27.13 -0.92 0.00	27.03 -0.61 0.00	27.85 -0.62 0.00	30.40 -0.77 0.00	30.53 -1.03 0.00	41.04 -1.14 0.00	28.75 -0.55 0.00	28.64 -0.34 0.00
PACKARD___115KV_DUPONT_184 80571	27.84 -0.28 0.00	25.17 -0.34 0.00	19.90 -0.46 0.00	22.09 -0.60 0.00	22.35 -0.72 0.00	22.82 -0.58 0.00	20.13 -0.44 0.00	21.08 -0.61 0.00	24.35 -0.86 0.00	27.46 -0.65 0.00	29.20 -1.01 0.00	32.24 -1.01 0.00	32.03 -1.43 0.00	37.32 -2.03 0.00	31.02 -1.81 0.00	28.43 -1.37 0.00	27.13 -0.92 0.00	27.03 -0.61 0.00	27.85 -0.62 0.00	30.40 -0.77 0.00	30.53 -1.03 0.00	41.04 -1.14 0.00	28.75 -0.55 0.00	28.64 -0.34 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.55 1.43 0.00	26.77 1.26 0.00	21.21 0.85 0.00	23.59 0.90 0.00	24.01 0.93 0.00	24.43 1.03 0.00	21.62 1.05 0.00	25.20 1.09 -2.43	29.16 1.34 -2.60	31.12 1.68 -1.33	34.31 1.99 -2.10	35.44 2.18 -0.01	35.83 2.36 -0.01	42.21 2.85 0.00	35.31 2.48 0.00	31.93 2.13 0.00	30.37 2.31 0.00	30.03 2.40 0.00	30.55 2.08 0.00	32.95 1.78 0.00	33.27 1.71 0.00	44.30 2.12 0.00	30.83 1.52 0.00	30.54 1.57 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.59 1.47 0.00	26.77 1.26 0.00	21.20 0.84 0.00	23.58 0.89 0.00	24.01 0.93 0.00	24.43 1.03 0.00	21.60 1.03 0.00	25.17 1.05 -2.43	29.11 1.30 -2.60	31.15 1.71 -1.33	34.38 2.07 -2.10	35.47 2.22 -0.01	35.84 2.38 -0.01	42.23 2.88 0.00	35.37 2.54 0.00	31.98 2.18 0.00	30.35 2.30 0.00	30.00 2.37 0.00	30.52 2.05 0.00	32.93 1.76 0.00	33.26 1.69 0.00	44.26 2.08 0.00	30.84 1.53 0.00	30.51 1.54 0.00
PATROON__115KV_TB1 80586	28.99 0.86 0.00	26.32 0.81 0.00	21.01 0.65 0.00	23.46 0.77 0.00	23.84 0.76 0.00	24.14 0.74 0.00	21.21 0.64 0.00	22.91 0.66 -0.57	26.59 0.77 -0.61	29.16 0.74 -0.31	31.60 0.90 -0.49	34.18 0.93 0.00	34.48 1.03 0.00	40.53 1.17 0.00	33.85 1.02 0.00	30.71 0.91 0.00	29.10 1.05 0.00	28.84 1.21 0.00	29.53 1.07 0.00	32.10 0.93 0.00	32.45 0.89 0.00	43.19 1.01 0.00	30.07 0.77 0.00	29.85 0.88 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.52 0.39 0.00	25.66 0.15 0.00	20.26 -0.10 0.00	22.53 -0.16 0.00	22.81 -0.27 0.00	23.29 -0.11 0.00	20.58 0.00 0.00	21.67 -0.02 0.00	25.20 -0.02 0.00	28.41 0.30 0.00	30.31 0.09 0.00	33.52 0.27 0.00	33.31 -0.15 0.00	39.01 -0.34 0.00	32.45 -0.38 0.00	29.67 -0.13 0.00	28.28 0.23 0.00	28.16 0.52 0.00	28.94 0.47 0.00	31.59 0.42 0.00	31.71 0.15 0.00	42.73 0.55 0.00	29.90 0.60 0.00	29.66 0.69 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.85 1.72 0.00	27.03 1.52 0.00	21.41 1.05 0.00	23.84 1.14 0.00	24.25 1.17 0.00	24.65 1.25 0.00	21.76 1.19 0.00	23.97 1.29 -0.99	27.85 1.56 -1.08	30.50 1.83 -0.55	33.17 2.08 -0.87	35.56 2.31 0.00	35.94 2.48 0.00	42.37 3.02 0.00	35.42 2.59 0.00	32.12 2.32 0.00	30.55 2.50 0.00	30.23 2.60 0.00	30.81 2.35 0.00	33.23 2.06 0.00	33.50 1.94 0.00	44.56 2.38 0.00	30.98 1.68 0.00	30.66 1.69 0.00
PEEKSKILL____ 23653	29.46 1.33 0.00	26.67 1.16 0.00	21.12 0.76 0.00	23.51 0.82 0.00	23.92 0.85 0.00	24.33 0.93 0.00	21.49 0.92 0.00	25.47 0.97 -2.81	29.43 1.21 -3.01	31.10 1.45 -1.54	34.30 1.65 -2.43	35.07 1.82 0.00	35.44 1.98 0.00	41.76 2.41 0.00	34.92 2.09 0.00	31.63 1.83 0.00	30.08 2.03 0.00	29.75 2.12 0.00	30.32 1.85 0.00	32.68 1.51 0.00	32.95 1.39 0.00	43.86 1.67 0.00	30.53 1.22 0.00	30.25 1.28 0.00
PGE MADISON__WINDPWR 24146	30.13 2.01 0.00	27.12 1.61 0.00	21.45 1.09 0.00	23.90 1.20 0.00	24.22 1.15 0.00	24.64 1.24 0.00	21.77 1.19 0.00	23.01 1.32 0.00	26.85 1.63 0.00	30.06 1.95 0.00	32.18 1.97 0.00	35.45 2.20 0.00	35.61 2.15 0.00	42.09 2.74 0.00	35.21 2.38 0.00	32.01 2.21 0.00	30.39 2.33 0.00	30.18 2.55 0.00	31.09 2.63 0.00	34.52 2.89 -0.45	35.25 2.86 -0.83	47.59 3.77 -1.64	32.20 2.25 -0.65	31.60 2.02 -0.62
PIERCEFIELD__HYD 23852	28.22 0.10 0.00	25.61 0.10 0.00	20.51 0.15 0.00	22.82 0.13 0.00	23.27 0.19 0.00	23.60 0.19 0.00	20.62 0.04 0.00	21.62 -0.07 0.00	25.15 -0.07 0.00	28.01 -0.10 0.00	30.06 -0.16 0.00	32.99 -0.26 0.00	33.12 -0.34 0.00	38.65 -0.70 0.00	32.07 -0.76 0.00	29.09 -0.71 0.00	27.03 -1.02 0.00	26.45 -1.19 0.00	27.42 -1.04 0.00	30.51 -0.88 -0.21	31.28 -0.66 -0.39	42.56 -0.38 -0.76	29.31 -0.29 -0.30	28.91 -0.35 -0.29
PINELAWN_CC_1 323563	30.30 2.18 0.00	27.47 1.96 0.00	21.74 1.38 0.00	24.10 1.41 0.00	24.54 1.46 0.00	24.96 1.56 0.00	22.08 1.51 0.00	25.67 1.57 -2.41	29.80 2.01 -2.58	31.82 2.39 -1.32	42.67 2.82 -9.63	44.56 2.85 -8.46	54.96 2.93 -18.57	46.04 3.44 -3.25	40.99 2.79 -5.37	31.78 1.98 0.00	30.32 2.27 0.00	30.03 2.40 0.00	30.61 2.14 0.00	33.05 1.88 0.00	33.57 2.01 0.00	45.15 2.97 0.00	31.57 2.26 0.00	31.28 2.31 0.00
PJM_GEN_HTP_PROXY 323702	29.60 1.48 0.00	26.80 1.29 0.00	22.18 0.86 -0.96	23.94 0.92 -0.33	24.03 0.95 0.00	24.44 1.04 0.00	21.61 1.04 0.00	25.24 1.12 -2.43	29.22 1.40 -2.60	31.14 1.70 -1.33	34.23 1.92 -2.10	35.36 2.11 0.00	35.74 2.28 0.00	42.11 2.76 0.00	35.25 2.42 0.00	31.91 2.12 0.00	30.35 2.30 0.00	29.98 2.35 0.00	30.51 2.04 0.00	32.84 1.67 0.00	33.11 1.55 0.00	42.40 1.88 1.67	30.70 1.40 0.00	31.19 1.45 -0.77
PJM_GEN_KEystone 24065	28.66 0.54 0.00	27.30 0.37 -1.43	20.32 0.09 0.13	23.12 0.10 -0.33	23.15 0.07 0.00	23.60 0.20 0.00	20.86 0.29 0.00	18.50 0.28 3.47	21.89 0.38 3.71	26.80 0.59 1.90	27.81 0.59 3.00	33.91 0.66 0.00	34.02 0.56 0.00	40.07 0.72 0.00	33.41 0.57 0.00	30.32 0.52 0.00	28.88 0.83 0.00	28.63 1.00 0.00	29.23 0.76 0.00	31.69 0.52 0.00	31.89 0.33 0.00	41.01 0.50 1.67	29.77 0.47 0.00	30.34 0.61 -0.77
PJM_GEN_NEPTUNE_PROXY 323594	29.85 1.73 0.00	27.08 1.57 0.00	22.39 1.07 -0.96	24.12 1.09 -0.33	24.22 1.14 0.00	24.62 1.22 0.00	21.75 1.18 0.00	25.32 1.22 -2.41	29.36 1.57 -2.58	31.34 1.92 -1.32	42.09 2.24 -9.63	43.49 2.42 -7.82	51.51 2.58 -15.48	44.36 3.12 -1.89	40.92 2.64 -5.45	31.79 1.99 0.00	30.29 2.23 0.00	29.99 2.36 0.00	30.53 2.06 0.00	32.88 1.70 0.00	33.26 1.70 0.00	42.69 2.18 1.67	30.97 1.67 0.00	31.47 1.73 -0.77
PJM_GEN_VFT_PROXY 323633	29.48 1.36 0.00	26.67 1.16 0.00	22.08 0.76 -0.96	23.82 0.79 -0.33	23.90 0.82 0.00	24.32 0.92 0.00	21.51 0.93 0.00	25.11 0.99 -2.43	29.05 1.24 -2.60	31.00 1.56 -1.33	34.08 1.76 -2.10	35.18 1.94 0.00	35.58 2.12 0.00	41.92 2.56 0.00	35.07 2.24 0.00	31.78 1.98 0.00	30.23 2.18 0.00	29.86 2.23 0.00	30.39 1.92 0.00	32.68 1.51 0.00	32.94 1.38 0.00	42.15 1.64 1.67	30.54 1.24 0.00	31.05 1.31 -0.77
PLATSBURG_115KV_PMLD1 355749	28.60 0.48 0.00	25.93 0.42 0.00	20.78 0.42 0.00	23.22 0.53 0.00	23.68 0.60 0.00	24.00 0.60 0.00	21.18 0.60 0.00	22.64 0.95 0.00	26.22 1.01 0.00	29.05 0.94 0.00	31.35 1.13 0.00	34.18 0.93 0.00	34.20 0.75 0.00	40.15 0.80 0.00	33.44 0.61 0.00	30.45 0.65 0.00	28.33 0.28 0.00	27.93 0.30 0.00	28.92 0.45 0.00	31.67 0.50 0.00	32.32 0.76 0.00	43.32 1.14 0.00	30.08 0.78 0.00	29.60 0.63 0.00
PLEASANTVLY__LBMP 24000	29.41 1.29 0.00	26.67 1.16 0.00	21.15 0.79 0.00	23.56 0.87 0.00	23.97 0.90 0.00	24.35 0.95 0.00	21.47 0.90 0.00	23.78 0.95 -1.14	27.60 1.17 -1.22	30.07 1.33 -0.62	32.71 1.51 -0.98	34.87 1.62 0.00	35.23 1.77 0.00	41.47 2.12 0.00	34.66 1.83 0.00	31.41 1.61 0.00	29.86 1.81 0.00	29.55 1.92 0.00	30.15 1.68 0.00	32.54 1.37 0.00	32.85 1.29 0.00	43.72 1.54 0.00	30.44 1.14 0.00	30.18 1.21 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.60 1.48 0.00	26.81 1.30 0.00	21.25 0.89 0.00	23.66 0.96 0.00	24.06 0.99 0.00	24.46 1.06 0.00	21.60 1.03 0.00	24.70 1.11 -1.91	28.62 1.36 -2.04	30.78 1.62 -1.05	33.71 1.84 -1.65	35.28 2.03 0.00	35.65 2.19 0.00	42.01 2.66 0.00	35.14 2.31 0.00	31.80 2.00 0.00	30.23 2.18 0.00	29.90 2.27 0.00	30.47 2.00 0.00	32.85 1.68 0.00	33.14 1.58 0.00	44.09 1.91 0.00	30.69 1.39 0.00	30.40 1.44 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.60 1.48 0.00	26.81 1.30 0.00	21.25 0.89 0.00	23.66 0.96 0.00	24.06 0.99 0.00	24.46 1.06 0.00	21.60 1.03 0.00	24.70 1.11 -1.91	28.62 1.36 -2.04	30.78 1.62 -1.05	33.71 1.84 -1.65	35.28 2.03 0.00	35.65 2.19 0.00	42.01 2.66 0.00	35.14 2.31 0.00	31.80 2.00 0.00	30.23 2.18 0.00	29.90 2.27 0.00	30.47 2.00 0.00	32.85 1.68 0.00	33.14 1.58 0.00	44.09 1.91 0.00	30.69 1.39 0.00	30.40 1.44 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.71 1.58 0.00	26.90 1.39 0.00	21.34 0.97 0.00	23.76 1.07 0.00	24.18 1.10 0.00	24.57 1.16 0.00	21.66 1.09 0.00	23.60 1.19 -0.72	27.44 1.45 -0.77	30.12 1.63 -0.38	32.64 1.82 -0.60	35.27 2.02 0.00	35.65 2.19 0.00	41.98 2.63 0.00	35.05 2.22 0.00	31.80 2.00 0.00	30.24 2.19 0.00	29.95 2.32 0.00	30.56 2.09 0.00	32.98 1.81 0.00	33.27 1.71 0.00	44.26 2.08 0.00	30.79 1.48 0.00	30.47 1.50 0.00
POLETTI____ 23519	29.59 1.47 0.00	26.79 1.28 0.00	21.22 0.86 0.00	23.60 0.90 0.00	24.01 0.93 0.00	24.43 1.03 0.00	21.61 1.03 0.00	25.23 1.11 -2.43	29.20 1.39 -2.60	31.12 1.68 -1.33	34.21 1.90 -2.10	35.34 2.09 0.00	35.73 2.27 0.00	42.11 2.76 0.00	35.23 2.40 0.00	31.91 2.11 0.00	30.36 2.30 0.00	30.00 2.36 0.00	30.51 2.04 0.00	32.84 1.66 0.00	33.10 1.54 0.00	44.05 1.87 0.00	30.70 1.39 0.00	30.42 1.45 0.00
POMONA____ESR 323819	29.34 1.22 0.00	26.57 1.07 0.00	21.04 0.68 0.00	23.42 0.72 0.00	23.83 0.75 0.00	24.24 0.84 0.00	21.41 0.84 0.00	19.25 0.88 3.32	22.77 1.10 3.55	27.64 1.35 1.82	28.91 1.56 2.87	35.00 1.75 0.00	35.38 1.92 0.00	41.70 2.35 0.00	34.86 2.03 0.00	31.59 1.79 0.00	30.03 1.98 0.00	29.71 2.07 0.00	30.27 1.80 0.00	32.63 1.46 0.00	32.89 1.33 0.00	43.75 1.57 0.00	30.43 1.13 0.00	30.17 1.20 0.00
PORT_JEFF_3 23555	30.46 2.34 0.00	27.62 2.11 0.00	21.85 1.49 0.00	24.20 1.51 0.00	24.64 1.56 0.00	25.06 1.66 0.00	22.20 1.63 0.00	25.76 1.66 -2.41	29.95 2.16 -2.58	32.00 2.57 -1.32	42.89 3.04 -9.63	54.47 3.33 -17.89	101.28 3.41 -64.41	66.82 4.05 -23.41	41.69 3.42 -5.44	32.08 2.28 0.00	30.50 2.45 0.00	30.23 2.60 0.00	30.83 2.37 0.00	33.18 2.01 0.00	33.66 2.10 0.00	45.20 3.01 0.00	31.76 2.46 0.00	31.56 2.59 0.00
PORT_JEFF_4 23616	30.46 2.34 0.00	27.62 2.11 0.00	21.85 1.49 0.00	24.20 1.51 0.00	24.64 1.56 0.00	25.06 1.66 0.00	22.20 1.63 0.00	25.76 1.66 -2.41	29.95 2.16 -2.58	32.00 2.57 -1.32	42.89 3.04 -9.63	54.47 3.33 -17.89	101.28 3.41 -64.41	66.82 4.05 -23.41	41.69 3.42 -5.44	32.08 2.28 0.00	30.50 2.45 0.00	30.23 2.60 0.00	30.83 2.37 0.00	33.18 2.01 0.00	33.66 2.10 0.00	45.20 3.01 0.00	31.76 2.46 0.00	31.56 2.59 0.00
PORT_JEFF_IC 23713	30.54 2.42 0.00	27.68 2.17 0.00	21.90 1.54 0.00	24.25 1.55 0.00	24.68 1.61 0.00	25.11 1.71 0.00	22.25 1.67 0.00	25.81 1.72 -2.41	30.02 2.22 -2.58	32.06 2.63 -1.32	42.97 3.12 -9.63	56.07 3.46 -19.37	108.61 3.56 -71.59	70.14 4.22 -26.57	41.79 3.53 -5.44	32.08 2.28 0.00	30.52 2.47 0.00	30.26 2.63 0.00	30.85 2.39 0.00	33.20 2.03 0.00	33.70 2.14 0.00	45.38 3.20 0.00	31.86 2.55 0.00	31.64 2.67 0.00
PPL PILGRIM_ST_GT1 24216	30.52 2.40 0.00	27.67 2.17 0.00	21.88 1.52 0.00	24.26 1.56 0.00	24.69 1.62 0.00	25.12 1.72 0.00	22.24 1.67 0.00	25.83 1.73 -2.41	30.02 2.22 -2.58	32.09 2.66 -1.32	42.99 3.14 -9.63	46.52 3.40 -9.87	62.40 3.51 -25.44	49.70 4.08 -6.27	41.58 3.34 -5.41	32.09 2.29 0.00	30.54 2.49 0.00	30.28 2.65 0.00	30.93 2.47 0.00	33.29 2.11 0.00	33.77 2.21 0.00	45.44 3.26 0.00	31.83 2.53 0.00	31.58 2.61 0.00
PPL PILGRIM_ST_GT2 24217	30.52 2.40 0.00	27.67 2.17 0.00	21.88 1.52 0.00	24.26 1.56 0.00	24.69 1.62 0.00	25.12 1.72 0.00	22.24 1.67 0.00	25.83 1.73 -2.41	30.02 2.22 -2.58	32.09 2.66 -1.32	42.99 3.14 -9.63	46.52 3.40 -9.87	62.40 3.51 -25.44	49.70 4.08 -6.27	41.58 3.34 -5.41	32.09 2.29 0.00	30.54 2.49 0.00	30.28 2.65 0.00	30.93 2.47 0.00	33.29 2.11 0.00	33.77 2.21 0.00	45.44 3.26 0.00	31.83 2.53 0.00	31.58 2.61 0.00
PPL_SHRM_GT3 24213	30.79 2.67 0.00	27.90 2.39 0.00	22.07 1.71 0.00	24.43 1.74 0.00	24.87 1.80 0.00	25.30 1.90 0.00	22.46 1.88 0.00	25.97 1.87 -2.41	30.22 2.43 -2.58	32.31 2.88 -1.32	43.23 3.38 -9.63	55.09 3.76 -18.07	102.68 3.92 -65.30	67.73 4.57 -23.80	42.00 3.73 -5.44	32.52 2.73 0.00	30.89 2.84 0.00	30.63 3.00 0.00	31.29 2.82 0.00	33.75 2.58 0.00	34.36 2.80 0.00	46.10 3.92 0.00	32.32 3.02 0.00	32.05 3.08 0.00
PPL_SHRM_GT4 24214	30.79 2.67 0.00	27.90 2.39 0.00	22.07 1.71 0.00	24.43 1.74 0.00	24.87 1.80 0.00	25.30 1.90 0.00	22.46 1.88 0.00	25.97 1.87 -2.41	30.22 2.43 -2.58	32.31 2.88 -1.32	43.23 3.38 -9.63	55.09 3.76 -18.07	102.68 3.92 -65.30	67.73 4.57 -23.80	42.00 3.73 -5.44	32.52 2.73 0.00	30.89 2.84 0.00	30.63 3.00 0.00	31.29 2.82 0.00	33.75 2.58 0.00	34.36 2.80 0.00	46.10 3.92 0.00	32.32 3.02 0.00	32.05 3.08 0.00
PROJECT___ORANGE 1 24174	27.84 -0.28 0.00	25.20 -0.31 0.00	20.07 -0.29 0.00	22.34 -0.36 0.00	22.70 -0.37 0.00	23.06 -0.34 0.00	20.32 -0.25 0.00	21.40 -0.29 0.00	24.85 -0.37 0.00	27.78 -0.32 0.00	29.90 -0.32 0.00	32.92 -0.33 0.00	33.10 -0.36 0.00	38.99 -0.36 0.00	32.52 -0.31 0.00	29.58 -0.22 0.00	27.97 -0.08 0.00	27.66 0.03 0.00	28.44 -0.03 0.00	31.68 -0.09 -0.60	32.50 -0.16 -1.10	44.13 -0.21 -2.17	29.99 -0.18 -0.86	29.61 -0.17 -0.81
PROJECT___ORANGE 2 24166	27.84 -0.28 0.00	25.20 -0.31 0.00	20.07 -0.29 0.00	22.34 -0.36 0.00	22.70 -0.37 0.00	23.06 -0.34 0.00	20.32 -0.25 0.00	21.40 -0.29 0.00	24.85 -0.37 0.00	27.78 -0.32 0.00	29.90 -0.32 0.00	32.92 -0.33 0.00	33.10 -0.36 0.00	38.99 -0.36 0.00	32.52 -0.31 0.00	29.58 -0.22 0.00	27.97 -0.08 0.00	27.66 0.03 0.00	28.44 -0.03 0.00	31.68 -0.09 -0.60	32.50 -0.16 -1.10	44.13 -0.21 -2.17	29.99 -0.18 -0.86	29.61 -0.17 -0.81
PUCKETT___SOLAR 323809	28.89 0.77 0.00	26.09 0.58 0.00	20.70 0.34 0.00	23.10 0.41 0.00	23.44 0.37 0.00	23.85 0.44 0.00	21.03 0.45 0.00	22.17 0.48 0.00	25.75 0.53 0.00	28.72 0.61 0.00	30.81 0.59 0.00	33.87 0.61 0.00	33.94 0.48 0.00	40.02 0.66 0.00	33.41 0.58 0.00	30.38 0.58 0.00	28.88 0.83 0.00	28.67 1.04 0.00	29.48 1.02 0.00	32.66 1.08 -0.41	33.30 0.99 -0.75	45.02 1.36 -1.48	30.79 0.90 -0.59	30.43 0.90 -0.56
PYRITES___HYD 24023	28.66 0.54 0.00	26.01 0.50 0.00	20.83 0.47 0.00	23.18 0.49 0.00	23.65 0.57 0.00	23.98 0.58 0.00	21.00 0.42 0.00	22.04 0.35 0.00	25.63 0.41 0.00	28.58 0.47 0.00	30.72 0.50 0.00	33.76 0.51 0.00	33.93 0.47 0.00	39.60 0.25 0.00	32.87 0.04 0.00	29.81 0.01 0.00	27.64 -0.41 0.00	27.00 -0.63 0.00	28.02 -0.45 0.00	31.20 -0.17 -0.19	31.97 0.06 -0.35	43.45 0.57 -0.70	29.95 0.36 -0.28	29.49 0.26 -0.26

QUAKERRD_115KV_BK1 80622	27.48 -0.65 0.00	24.82 -0.69 0.00	19.72 -0.64 0.00	21.91 -0.79 0.00	22.23 -0.85 0.00	22.64 -0.76 0.00	19.99 -0.59 0.00	21.07 -0.62 0.00	24.48 -0.73 0.00	27.47 -0.64 0.00	29.43 -0.79 0.00	32.44 -0.81 0.00	32.45 -1.01 0.00	38.07 -1.28 0.00	31.73 -1.10 0.00	28.92 -0.88 0.00	27.42 -0.63 0.00	27.23 -0.40 0.00	28.08 -0.39 0.00	30.71 -0.46 0.00	30.92 -0.64 0.00	41.48 -0.70 0.00	28.86 -0.45 0.00	28.56 -0.41 0.00
QUENSBRY_115KV_TB8 356137	30.12 2.00 0.00	27.15 1.64 0.00	21.50 1.14 0.00	24.07 1.38 0.00	24.51 1.43 0.00	24.87 1.47 0.00	21.95 1.38 0.00	23.77 1.53 -0.55	27.58 1.78 -0.58	30.25 1.84 -0.30	32.66 1.97 -0.47	35.30 2.05 0.00	35.52 2.07 0.00	41.53 2.17 0.00	34.64 1.81 0.00	31.70 1.90 0.00	30.04 1.99 0.00	29.83 2.20 0.00	30.75 2.29 0.00	33.34 2.17 0.00	33.99 2.43 0.00	45.24 3.06 0.00	31.47 2.16 0.00	31.18 2.21 0.00
RAMAPO___LBMP 323565	29.27 1.15 0.00	26.51 1.00 0.00	20.99 0.63 0.00	23.37 0.67 0.00	23.77 0.70 0.00	24.18 0.78 0.00	21.36 0.79 0.00	19.34 0.82 3.17	22.85 1.02 3.39	27.62 1.26 1.74	28.92 1.45 2.74	34.85 1.60 0.00	35.22 1.77 0.00	41.52 2.16 0.00	34.70 1.87 0.00	31.43 1.64 0.00	29.89 1.84 0.00	29.57 1.94 0.00	30.14 1.67 0.00	32.49 1.32 0.00	32.76 1.20 0.00	43.60 1.42 0.00	30.34 1.04 0.00	30.09 1.11 0.00
RANKINE____ 23646	28.48 0.36 0.00	25.65 0.14 0.00	20.25 -0.11 0.00	22.51 -0.18 0.00	22.78 -0.30 0.00	23.26 -0.14 0.00	20.53 -0.05 0.00	21.60 -0.09 0.00	25.11 -0.11 0.00	28.30 0.19 0.00	30.19 -0.02 0.00	33.41 0.16 0.00	33.22 -0.24 0.00	38.90 -0.46 0.00	32.34 -0.49 0.00	29.58 -0.22 0.00	28.19 0.15 0.00	28.09 0.45 0.00	28.88 0.41 0.00	31.53 0.36 0.00	31.64 0.08 0.00	42.63 0.45 0.00	29.82 0.52 0.00	29.59 0.62 0.00
RAVENSWOOD_GT2_1 24244	29.64 1.51 0.00	26.83 1.32 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.47 1.07 0.00	21.64 1.06 0.00	25.25 1.14 -2.43	29.24 1.42 -2.60	31.18 1.74 -1.33	34.28 1.96 -2.10	35.42 2.17 0.00	35.80 2.34 0.00	42.18 2.83 0.00	35.28 2.45 0.00	31.94 2.15 0.00	30.39 2.34 0.00	30.03 2.40 0.00	30.56 2.09 0.00	32.90 1.73 0.00	33.17 1.61 0.00	44.14 1.96 0.00	30.77 1.47 0.00	30.49 1.52 0.00
RAVENSWOOD_GT2_2 24245	29.64 1.51 0.00	26.83 1.32 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.47 1.07 0.00	21.64 1.06 0.00	25.25 1.14 -2.43	29.24 1.42 -2.60	31.18 1.74 -1.33	34.28 1.96 -2.10	35.42 2.17 0.00	35.80 2.34 0.00	42.18 2.83 0.00	35.28 2.45 0.00	31.94 2.15 0.00	30.39 2.34 0.00	30.03 2.40 0.00	30.56 2.09 0.00	32.90 1.73 0.00	33.17 1.61 0.00	44.14 1.96 0.00	30.77 1.47 0.00	30.49 1.52 0.00
RAVENSWOOD_GT2_3 24246	29.66 1.53 0.00	26.84 1.34 0.00	21.26 0.90 0.00	23.65 0.96 0.00	24.06 0.99 0.00	24.48 1.08 0.00	21.65 1.07 0.00	25.27 1.15 -2.43	29.25 1.44 -2.60	31.19 1.76 -1.33	34.30 1.99 -2.10	35.44 2.19 0.00	35.82 2.37 0.00	42.20 2.84 0.00	35.30 2.47 0.00	31.97 2.17 0.00	30.40 2.36 0.00	30.06 2.42 0.00	30.58 2.11 0.00	32.92 1.75 0.00	33.19 1.63 0.00	44.17 2.00 0.00	30.79 1.48 0.00	30.50 1.53 0.00
RAVENSWOOD_GT2_4 24247	29.66 1.53 0.00	26.84 1.34 0.00	21.26 0.90 0.00	23.65 0.96 0.00	24.06 0.99 0.00	24.48 1.08 0.00	21.65 1.07 0.00	25.27 1.15 -2.43	29.25 1.44 -2.60	31.19 1.76 -1.33	34.30 1.99 -2.10	35.44 2.19 0.00	35.82 2.37 0.00	42.20 2.84 0.00	35.30 2.47 0.00	31.97 2.17 0.00	30.40 2.36 0.00	30.06 2.42 0.00	30.58 2.11 0.00	32.92 1.75 0.00	33.19 1.63 0.00	44.17 2.00 0.00	30.79 1.48 0.00	30.50 1.53 0.00
RAVENSWOOD_GT3_1 24248	29.63 1.51 0.00	26.83 1.32 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.46 1.06 0.00	21.64 1.06 0.00	25.25 1.13 -2.43	29.24 1.42 -2.60	31.18 1.74 -1.33	34.28 1.96 -2.10	35.42 2.17 0.00	35.80 2.34 0.00	42.18 2.83 0.00	35.28 2.45 0.00	31.94 2.15 0.00	30.39 2.34 0.00	30.03 2.40 0.00	30.56 2.09 0.00	32.90 1.73 0.00	33.17 1.61 0.00	44.14 1.96 0.00	30.77 1.47 0.00	30.49 1.51 0.00
RAVENSWOOD_GT3_2 24249	29.63 1.51 0.00	26.83 1.32 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.46 1.06 0.00	21.64 1.06 0.00	25.25 1.13 -2.43	29.24 1.42 -2.60	31.18 1.74 -1.33	34.28 1.96 -2.10	35.42 2.17 0.00	35.80 2.34 0.00	42.18 2.83 0.00	35.28 2.45 0.00	31.94 2.15 0.00	30.39 2.34 0.00	30.03 2.40 0.00	30.56 2.09 0.00	32.90 1.73 0.00	33.17 1.61 0.00	44.14 1.96 0.00	30.77 1.47 0.00	30.49 1.51 0.00
RAVENSWOOD_GT3_3 24250	29.69 1.56 0.00	26.88 1.37 0.00	21.28 0.92 0.00	23.68 0.99 0.00	24.09 1.01 0.00	24.51 1.11 0.00	21.67 1.10 0.00	25.30 1.18 -2.43	29.29 1.48 -2.60	31.25 1.80 -1.33	34.35 2.03 -2.10	35.49 2.24 0.00	35.87 2.41 0.00	42.27 2.92 0.00	35.35 2.52 0.00	32.02 2.22 0.00	30.45 2.41 0.00	30.10 2.47 0.00	30.62 2.16 0.00	32.96 1.79 0.00	33.23 1.67 0.00	44.24 2.06 0.00	30.82 1.52 0.00	30.54 1.57 0.00
RAVENSWOOD_GT3_4 24251	29.69 1.56 0.00	26.88 1.37 0.00	21.28 0.92 0.00	23.68 0.98 0.00	24.09 1.01 0.00	24.51 1.10 0.00	21.68 1.10 0.00	25.30 1.18 -2.43	29.29 1.48 -2.60	31.25 1.80 -1.33	34.35 2.03 -2.10	35.49 2.24 0.00	35.87 2.41 0.00	42.27 2.92 0.00	35.35 2.52 0.00	32.02 2.22 0.00	30.45 2.40 0.00	30.10 2.47 0.00	30.62 2.16 0.00	32.96 1.79 0.00	33.23 1.67 0.00	44.24 2.05 0.00	30.82 1.52 0.00	30.54 1.57 0.00
RAVENSWOOD_GT_1 23729	29.69 1.56 0.00	26.88 1.37 0.00	21.29 0.93 0.00	23.68 0.99 0.00	24.09 1.02 0.00	24.52 1.12 0.00	21.70 1.12 0.00	25.32 1.21 -2.43	29.32 1.51 -2.60	31.29 1.85 -1.33	34.42 2.11 -2.10	35.60 2.34 -0.01	35.97 2.51 -0.01	42.36 3.00 0.00	35.40 2.57 0.00	32.08 2.24 -0.04	30.48 2.42 -0.01	30.12 2.48 0.00	30.63 2.17 0.00	32.98 1.80 0.00	33.27 1.70 0.00	44.30 2.12 0.00	30.89 1.59 0.00	30.59 1.62 0.00
RAVENSWOOD_GT_10 24258	29.63 1.51 0.00	26.83 1.32 0.00	21.25 0.88 0.00	23.64 0.95 0.00	24.05 0.97 0.00	24.47 1.06 0.00	21.63 1.06 0.00	25.25 1.14 -2.43	29.24 1.42 -2.60	31.17 1.74 -1.33	34.27 1.96 -2.10	35.41 2.16 0.00	35.80 2.34 0.00	42.18 2.83 0.00	35.28 2.45 0.00	31.95 2.15 0.00	30.39 2.34 0.00	30.03 2.40 0.00	30.56 2.09 0.00	32.90 1.73 0.00	33.17 1.61 0.00	44.14 1.96 0.00	30.76 1.46 0.00	30.48 1.51 0.00
RAVENSWOOD_GT_11 24259	29.63 1.51 0.00	26.83 1.32 0.00	21.25 0.88 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.46 1.06 0.00	21.63 1.06 0.00	25.25 1.13 -2.43	29.24 1.42 -2.60	31.18 1.74 -1.33	34.27 1.96 -2.10	35.41 2.16 0.00	35.79 2.34 0.00	42.17 2.82 0.00	35.28 2.45 0.00	31.95 2.14 0.00	30.39 2.34 0.00	30.03 2.40 0.00	30.56 2.09 0.00	32.90 1.73 0.00	33.17 1.61 0.00	44.14 1.96 0.00	30.77 1.46 0.00	30.48 1.51 0.00

RAVENSWOOD_GT_4 24252	29.64 1.52 0.00	26.83 1.33 0.00	21.26 0.89 0.00	23.65 0.95 0.00	24.06 0.98 0.00	24.47 1.07 0.00	21.63 1.06 0.00	25.26 1.14 -2.43	29.24 1.42 -2.60	31.17 1.73 -1.33	34.26 1.95 -2.10	35.39 2.14 0.00	35.77 2.31 0.00	42.15 2.80 0.00	35.27 2.44 0.00	31.97 2.14 -0.03	30.38 2.33 0.00	30.03 2.39 0.00	30.56 2.08 0.00	32.89 1.72 0.00	33.17 1.61 0.00	44.14 1.96 0.00	30.76 1.45 0.00	30.48 1.51 0.00
RAVENSWOOD_GT_5 24254	29.64 1.52 0.00	26.83 1.33 0.00	21.26 0.89 0.00	23.65 0.95 0.00	24.06 0.98 0.00	24.47 1.07 0.00	21.63 1.06 0.00	25.26 1.14 -2.43	29.24 1.42 -2.60	31.17 1.73 -1.33	34.26 1.95 -2.10	35.39 2.14 0.00	35.77 2.31 0.00	42.15 2.80 0.00	35.27 2.44 0.00	31.97 2.14 -0.03	30.38 2.33 0.00	30.03 2.39 0.00	30.56 2.08 0.00	32.89 1.72 0.00	33.17 1.61 0.00	44.14 1.96 0.00	30.76 1.45 0.00	30.48 1.51 0.00
RAVENSWOOD_GT_6 24253	29.64 1.52 0.00	26.83 1.33 0.00	21.26 0.89 0.00	23.65 0.95 0.00	24.06 0.98 0.00	24.47 1.07 0.00	21.63 1.06 0.00	25.26 1.14 -2.43	29.24 1.42 -2.60	31.17 1.73 -1.33	34.26 1.95 -2.10	35.39 2.14 0.00	35.77 2.31 0.00	42.15 2.80 0.00	35.27 2.44 0.00	31.97 2.14 -0.03	30.38 2.33 0.00	30.03 2.39 0.00	30.56 2.08 0.00	32.89 1.72 0.00	33.17 1.61 0.00	44.14 1.96 0.00	30.76 1.45 0.00	30.48 1.51 0.00
RAVENSWOOD_GT_7 24255	29.64 1.52 0.00	26.83 1.33 0.00	21.26 0.89 0.00	23.65 0.95 0.00	24.06 0.98 0.00	24.47 1.07 0.00	21.63 1.06 0.00	25.26 1.14 -2.43	29.24 1.42 -2.60	31.17 1.73 -1.33	34.26 1.95 -2.10	35.39 2.14 0.00	35.77 2.31 0.00	42.15 2.80 0.00	35.27 2.44 0.00	31.97 2.14 -0.03	30.38 2.33 0.00	30.03 2.39 0.00	30.56 2.08 0.00	32.89 1.72 0.00	33.17 1.61 0.00	44.14 1.96 0.00	30.76 1.45 0.00	30.48 1.51 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.63 1.51 0.00	26.83 1.32 0.00	21.25 0.88 0.00	23.64 0.95 0.00	24.05 0.97 0.00	24.47 1.06 0.00	21.63 1.06 0.00	25.25 1.14 -2.43	29.24 1.42 -2.60	31.17 1.74 -1.33	34.27 1.96 -2.10	35.41 2.16 0.00	35.80 2.34 0.00	42.18 2.83 0.00	35.28 2.45 0.00	31.95 2.15 0.00	30.39 2.34 0.00	30.03 2.40 0.00	30.56 2.09 0.00	32.90 1.73 0.00	33.17 1.61 0.00	44.14 1.96 0.00	30.76 1.46 0.00	30.48 1.51 0.00
RAVENSWOOD_GT_9 24257	29.63 1.51 0.00	26.83 1.32 0.00	21.25 0.88 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.46 1.06 0.00	21.63 1.06 0.00	25.25 1.13 -2.43	29.24 1.42 -2.60	31.18 1.74 -1.33	34.27 1.96 -2.10	35.41 2.16 0.00	35.79 2.34 0.00	42.17 2.82 0.00	35.28 2.45 0.00	31.95 2.14 0.00	30.39 2.34 0.00	30.03 2.40 0.00	30.56 2.09 0.00	32.90 1.73 0.00	33.17 1.61 0.00	44.14 1.96 0.00	30.77 1.46 0.00	30.48 1.51 0.00
RAVENSWOOD___1 23533	29.63 1.51 0.00	26.83 1.32 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.47 1.07 0.00	21.66 1.08 0.00	25.27 1.16 -2.43	29.26 1.44 -2.60	31.23 1.79 -1.33	34.38 2.06 -2.10	35.54 2.29 -0.01	35.93 2.47 -0.01	42.30 2.94 0.00	35.35 2.53 0.00	31.96 2.20 0.04	30.43 2.38 0.01	30.08 2.45 0.00	30.60 2.14 0.00	32.95 1.77 0.00	33.23 1.67 0.00	44.23 2.05 0.00	30.84 1.54 0.00	30.54 1.57 0.00
RAVENSWOOD___2 23534	29.63 1.51 0.00	26.83 1.32 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.47 1.07 0.00	21.66 1.08 0.00	25.27 1.16 -2.43	29.26 1.44 -2.60	31.23 1.79 -1.33	34.38 2.06 -2.10	35.54 2.29 -0.01	35.93 2.47 -0.01	42.30 2.94 0.00	35.35 2.53 0.00	31.96 2.20 0.04	30.43 2.38 0.01	30.08 2.45 0.00	30.60 2.14 0.00	32.95 1.77 0.00	33.23 1.67 0.00	44.23 2.05 0.00	30.84 1.54 0.00	30.54 1.57 0.00
RAVENSWOOD___3 23535	29.64 1.52 0.00	26.83 1.32 0.00	21.25 0.89 0.00	23.64 0.95 0.00	24.06 0.98 0.00	24.47 1.07 0.00	21.64 1.06 0.00	25.26 1.15 -2.43	29.24 1.42 -2.60	31.18 1.74 -1.33	34.28 1.97 -2.10	35.42 2.17 0.00	35.80 2.34 0.00	42.19 2.83 0.00	35.28 2.45 0.00	31.95 2.15 0.00	30.39 2.34 0.00	30.03 2.40 0.00	30.56 2.09 0.00	32.90 1.73 0.00	33.17 1.61 0.00	44.16 1.98 0.00	30.78 1.47 0.00	30.49 1.52 0.00
RAVENSWOOD___4 23820	29.63 1.51 0.00	26.83 1.32 0.00	21.25 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.47 1.07 0.00	21.66 1.08 0.00	25.27 1.16 -2.43	29.26 1.44 -2.60	31.23 1.79 -1.33	34.38 2.06 -2.10	35.54 2.29 -0.01	35.93 2.47 -0.01	42.30 2.94 0.00	35.35 2.53 0.00	31.96 2.20 0.04	30.43 2.38 0.01	30.08 2.45 0.00	30.60 2.14 0.00	32.95 1.77 0.00	33.23 1.67 0.00	44.23 2.05 0.00	30.84 1.54 0.00	30.54 1.57 0.00
RCPL_TRUST___DRP 24196	29.63 1.51 0.00	26.83 1.32 0.00	21.25 0.89 0.00	23.65 0.95 0.00	24.05 0.98 0.00	24.47 1.07 0.00	21.64 1.06 0.00	25.27 1.15 -2.43	29.26 1.45 -2.60	31.19 1.75 -1.33	34.28 1.97 -2.10	35.41 2.16 0.00	35.80 2.34 0.00	42.19 2.83 0.00	35.29 2.46 0.00	31.96 2.16 0.00	30.39 2.34 0.00	30.03 2.39 0.00	30.54 2.08 0.00	32.87 1.70 0.00	33.14 1.58 0.00	44.11 1.93 0.00	30.73 1.42 0.00	30.45 1.48 0.00
RED___ROCHESTER 323720	28.46 0.34 0.00	25.69 0.18 0.00	20.36 0.00 0.00	22.62 -0.08 0.00	22.93 -0.14 0.00	23.38 -0.02 0.00	20.64 0.07 0.00	21.77 0.08 0.00	25.29 0.08 0.00	28.41 0.30 0.00	30.40 0.18 0.00	33.56 0.31 0.00	33.51 0.05 0.00	39.32 -0.03 0.00	32.74 -0.09 0.00	29.87 0.07 0.00	28.36 0.31 0.00	28.21 0.58 0.00	29.12 0.65 0.00	31.85 0.68 0.00	32.04 0.47 0.00	43.03 0.84 0.00	29.93 0.62 0.00	29.64 0.67 0.00
REGAN___SOLAR 323812	30.97 2.85 0.00	27.99 2.48 0.00	22.27 1.91 0.00	24.81 2.11 0.00	25.19 2.12 0.00	25.64 2.24 0.00	22.62 2.04 0.00	24.26 2.13 -0.44	28.12 2.43 -0.47	31.04 2.69 -0.24	33.05 2.45 -0.38	35.70 2.45 0.00	36.25 2.79 0.00	42.49 3.14 0.00	35.74 2.91 0.00	32.31 2.51 0.00	30.42 2.37 0.00	30.20 2.57 0.00	31.38 2.91 0.00	34.42 3.25 0.00	34.91 3.35 0.00	46.93 4.75 0.00	32.49 3.19 0.00	32.04 3.07 0.00
RENSSELAER___COGEN 23796	28.82 0.70 0.00	26.17 0.66 0.00	20.89 0.53 0.00	23.34 0.64 0.00	23.72 0.64 0.00	24.01 0.61 0.00	21.08 0.51 0.00	22.78 0.52 -0.57	26.41 0.59 -0.61	28.93 0.50 -0.31	31.34 0.63 -0.49	33.87 0.62 0.00	34.18 0.72 0.00	40.17 0.81 0.00	33.54 0.71 0.00	30.41 0.62 0.00	28.82 0.77 0.00	28.56 0.93 0.00	29.27 0.80 0.00	31.82 0.65 0.00	32.18 0.62 0.00	42.84 0.66 0.00	29.85 0.54 0.00	29.62 0.65 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.59 3.47 0.00	28.17 2.66 0.00	22.17 1.81 0.00	24.90 2.20 0.00	25.44 2.36 0.00	25.84 2.44 0.00	22.94 2.36 0.00	24.99 2.75 -0.55	28.97 3.17 -0.58	31.80 3.39 -0.30	34.51 3.82 -0.47	37.39 4.14 0.00	37.55 4.09 0.00	43.93 4.57 0.00	36.53 3.70 0.00	33.97 4.17 0.00	32.12 4.07 0.00	32.01 4.38 0.00	32.73 4.26 0.00	35.15 3.97 0.00	35.68 4.12 0.00	47.46 5.28 0.00	33.07 3.76 0.00	32.82 3.85 0.00

REVERE_CPDR_DRP 24186	28.89 0.77 0.00	26.12 0.61 0.00	20.78 0.42 0.00	23.15 0.45 0.00	23.52 0.44 0.00	23.90 0.50 0.00	21.05 0.48 0.00	22.17 0.48 0.00	25.81 0.59 0.00	28.90 0.79 0.00	31.11 0.89 0.00	34.23 0.97 0.00	34.46 1.01 0.00	40.68 1.33 0.00	33.86 1.03 0.00	30.76 0.96 0.00	29.07 1.02 0.00	28.83 1.20 0.00	29.62 1.15 0.00	32.71 1.25 -0.29	33.39 1.29 -0.53	44.90 1.67 -1.05	30.70 0.98 -0.41	30.21 0.84 -0.39
REYNOLDS_115KV_TB3 80639	29.05 0.93 0.00	26.39 0.88 0.00	21.05 0.69 0.00	23.53 0.84 0.00	23.92 0.84 0.00	24.22 0.82 0.00	21.28 0.71 0.00	22.99 0.72 -0.58	26.66 0.82 -0.63	29.17 0.74 -0.32	31.61 0.89 -0.51	34.13 0.87 0.00	34.44 0.98 0.00	40.44 1.09 0.00	33.76 0.93 0.00	30.62 0.82 0.00	29.03 0.98 0.00	28.78 1.15 0.00	29.50 1.03 0.00	32.07 0.90 0.00	32.43 0.87 0.00	43.17 0.99 0.00	30.10 0.80 0.00	29.86 0.89 0.00
RIVERBAY____ 323610	29.59 1.47 0.00	26.77 1.26 0.00	21.20 0.84 0.00	23.58 0.89 0.00	24.01 0.93 0.00	24.43 1.03 0.00	21.60 1.03 0.00	25.17 1.05 -2.43	29.11 1.30 -2.60	31.15 1.71 -1.33	34.38 2.07 -2.10	35.47 2.22 -0.01	35.84 2.38 -0.01	42.23 2.88 0.00	35.37 2.54 0.00	31.98 2.18 0.00	30.35 2.30 0.00	30.00 2.37 0.00	30.52 2.05 0.00	32.93 1.76 0.00	33.26 1.69 0.00	44.26 2.08 0.00	30.84 1.53 0.00	30.51 1.54 0.00
RIVERSDE_115KV_TB3 55908	28.97 0.84 0.00	26.31 0.80 0.00	21.00 0.64 0.00	23.46 0.76 0.00	23.84 0.76 0.00	24.14 0.73 0.00	21.20 0.63 0.00	22.90 0.64 -0.58	26.58 0.74 -0.62	29.10 0.67 -0.32	31.54 0.82 -0.50	34.07 0.82 0.00	34.38 0.93 0.00	40.40 1.05 0.00	33.73 0.90 0.00	30.60 0.80 0.00	29.01 0.96 0.00	28.75 1.12 0.00	29.46 0.99 0.00	32.02 0.85 0.00	32.38 0.82 0.00	43.10 0.92 0.00	30.03 0.73 0.00	29.79 0.82 0.00
ROARING__BROOK_WT_PWR 323790	28.04 -0.08 0.00	25.44 -0.07 0.00	20.31 -0.05 0.00	22.56 -0.14 0.00	22.85 -0.22 0.00	23.15 -0.25 0.00	20.37 -0.21 0.00	21.58 -0.11 0.00	25.13 -0.09 0.00	28.04 -0.07 0.00	30.12 -0.10 0.00	33.13 -0.12 0.00	33.32 -0.13 0.00	39.20 -0.15 0.00	32.70 -0.13 0.00	29.64 -0.16 0.00	27.85 -0.20 0.00	27.35 -0.29 0.00	28.24 -0.23 0.00	30.97 -0.20 0.00	31.36 -0.20 0.00	41.77 -0.42 0.00	28.91 -0.40 0.00	28.52 -0.45 0.00
ROCHESRG_115KV_T4 355643	28.15 0.03 0.00	25.41 -0.09 0.00	20.16 -0.20 0.00	22.39 -0.30 0.00	22.71 -0.37 0.00	23.15 -0.25 0.00	20.43 -0.14 0.00	21.53 -0.15 0.00	25.00 -0.22 0.00	28.09 -0.02 0.00	30.03 -0.19 0.00	33.13 -0.12 0.00	33.08 -0.38 0.00	38.78 -0.58 0.00	32.29 -0.54 0.00	29.46 -0.34 0.00	27.98 -0.07 0.00	27.80 0.17 0.00	28.67 0.20 0.00	31.36 0.18 0.00	31.57 0.00 0.00	42.41 0.23 0.00	29.54 0.23 0.00	29.27 0.30 0.00
ROCHESTER_9_IC 23652	28.32 0.19 0.00	25.56 0.06 0.00	20.27 -0.09 0.00	22.51 -0.18 0.00	22.84 -0.24 0.00	23.28 -0.12 0.00	20.55 -0.02 0.00	21.66 -0.02 0.00	25.17 -0.05 0.00	28.27 0.16 0.00	30.24 0.02 0.00	33.37 0.12 0.00	33.31 -0.15 0.00	39.07 -0.28 0.00	32.53 -0.30 0.00	29.68 -0.12 0.00	28.19 0.14 0.00	28.02 0.38 0.00	28.92 0.45 0.00	31.62 0.45 0.00	31.82 0.26 0.00	42.75 0.56 0.00	29.75 0.45 0.00	29.46 0.49 0.00
ROCKVIEW_13_KV_LD 356306	29.71 1.59 0.00	26.90 1.39 0.00	21.30 0.94 0.00	23.71 1.01 0.00	24.12 1.04 0.00	24.53 1.13 0.00	21.68 1.10 0.00	25.30 1.18 -2.43	29.28 1.47 -2.59	31.18 1.74 -1.33	34.30 1.99 -2.10	35.44 2.19 0.00	35.81 2.35 0.00	42.20 2.85 0.00	35.29 2.46 0.00	31.95 2.16 0.00	30.39 2.34 0.00	30.05 2.42 0.00	30.60 2.13 0.00	32.96 1.79 0.00	33.24 1.68 0.00	44.23 2.05 0.00	30.81 1.50 0.00	30.51 1.54 0.00
ROME____115KV_TB2 80656	28.89 0.77 0.00	26.12 0.61 0.00	20.78 0.42 0.00	23.15 0.45 0.00	23.52 0.44 0.00	23.90 0.50 0.00	21.05 0.48 0.00	22.17 0.48 0.00	25.81 0.59 0.00	28.90 0.79 0.00	31.11 0.89 0.00	34.23 0.97 0.00	34.46 1.01 0.00	40.68 1.33 0.00	33.86 1.03 0.00	30.76 0.96 0.00	29.07 1.02 0.00	28.83 1.20 0.00	29.62 1.15 0.00	32.71 1.25 -0.29	33.39 1.29 -0.53	44.90 1.67 -1.05	30.70 0.98 -0.41	30.21 0.84 -0.39
ROSETON__1 23587	29.34 1.22 0.00	26.59 1.09 0.00	21.10 0.74 0.00	23.50 0.81 0.00	23.91 0.83 0.00	24.29 0.89 0.00	21.42 0.84 0.00	22.58 0.89 0.00	26.32 1.10 0.00	29.39 1.28 0.00	31.67 1.45 0.00	34.82 1.57 0.00	35.17 1.71 0.00	41.42 2.07 0.00	34.62 1.79 0.00	31.37 1.57 0.00	29.82 1.77 0.00	29.50 1.87 0.00	30.10 1.63 0.00	32.50 1.33 0.00	32.80 1.24 0.00	43.65 1.47 0.00	30.40 1.10 0.00	30.13 1.16 0.00
ROSETON__2 23588	29.34 1.22 0.00	26.59 1.09 0.00	21.10 0.74 0.00	23.50 0.81 0.00	23.91 0.83 0.00	24.29 0.89 0.00	21.42 0.84 0.00	22.58 0.89 0.00	26.32 1.10 0.00	29.39 1.28 0.00	31.67 1.45 0.00	34.82 1.57 0.00	35.17 1.71 0.00	41.42 2.07 0.00	34.62 1.79 0.00	31.37 1.57 0.00	29.82 1.77 0.00	29.50 1.87 0.00	30.10 1.63 0.00	32.50 1.33 0.00	32.80 1.24 0.00	43.65 1.47 0.00	30.40 1.10 0.00	30.13 1.16 0.00
ROTTTRDAM_115KV_TB3 80664	29.29 1.16 0.00	26.56 1.06 0.00	21.15 0.78 0.00	23.62 0.92 0.00	24.01 0.94 0.00	24.33 0.93 0.00	21.41 0.83 0.00	23.09 0.88 -0.53	26.82 1.03 -0.56	29.50 1.10 -0.29	31.89 1.22 -0.46	34.52 1.27 0.00	34.80 1.34 0.00	40.89 1.54 0.00	34.14 1.31 0.00	31.00 1.20 0.00	29.36 1.31 0.00	29.07 1.44 0.00	29.83 1.36 0.00	32.45 1.27 0.00	32.83 1.27 0.00	43.76 1.58 0.00	30.45 1.14 0.00	30.16 1.19 0.00
RUSSELL__1 23602	28.46 0.34 0.00	25.69 0.18 0.00	20.36 0.00 0.00	22.62 -0.08 0.00	22.93 -0.14 0.00	23.38 -0.02 0.00	20.65 0.07 0.00	21.77 0.08 0.00	25.29 0.07 0.00	28.41 0.30 0.00	30.39 0.17 0.00	33.55 0.30 0.00	33.50 0.04 0.00	39.31 -0.05 0.00	32.73 -0.10 0.00	29.86 0.06 0.00	28.36 0.31 0.00	28.21 0.57 0.00	29.12 0.65 0.00	31.84 0.67 0.00	32.04 0.47 0.00	43.02 0.83 0.00	29.94 0.63 0.00	29.64 0.67 0.00
RUSSELL__2 23532	28.46 0.34 0.00	25.69 0.18 0.00	20.36 0.00 0.00	22.62 -0.08 0.00	22.93 -0.14 0.00	23.38 -0.02 0.00	20.65 0.07 0.00	21.77 0.08 0.00	25.29 0.07 0.00	28.41 0.30 0.00	30.39 0.17 0.00	33.55 0.30 0.00	33.50 0.04 0.00	39.31 -0.05 0.00	32.73 -0.10 0.00	29.86 0.06 0.00	28.36 0.31 0.00	28.21 0.57 0.00	29.12 0.65 0.00	31.84 0.67 0.00	32.04 0.47 0.00	43.02 0.83 0.00	29.94 0.63 0.00	29.64 0.67 0.00
RUSSELL__3 23549	28.46 0.34 0.00	25.69 0.18 0.00	20.36 0.00 0.00	22.62 -0.08 0.00	22.93 -0.14 0.00	23.38 -0.02 0.00	20.65 0.07 0.00	21.77 0.08 0.00	25.29 0.07 0.00	28.41 0.30 0.00	30.39 0.17 0.00	33.55 0.30 0.00	33.50 0.04 0.00	39.31 -0.05 0.00	32.73 -0.10 0.00	29.86 0.06 0.00	28.36 0.31 0.00	28.21 0.57 0.00	29.12 0.65 0.00	31.84 0.67 0.00	32.04 0.47 0.00	43.02 0.83 0.00	29.94 0.63 0.00	29.64 0.67 0.00

RUSSELL___4 23556	28.46 0.34 0.00	25.69 0.18 0.00	20.36 0.00 0.00	22.62 -0.08 0.00	22.93 -0.14 0.00	23.38 -0.02 0.00	20.65 0.07 0.00	21.77 0.08 0.00	25.29 0.07 0.00	28.41 0.30 0.00	30.39 0.17 0.00	33.55 0.30 0.00	33.50 0.04 0.00	39.31 -0.05 0.00	32.73 -0.10 0.00	29.86 0.06 0.00	28.36 0.31 0.00	28.21 0.57 0.00	29.12 0.65 0.00	31.84 0.67 0.00	32.04 0.47 0.00	43.02 0.83 0.00	29.94 0.63 0.00	29.64 0.67 0.00
RUSSELL___STATION 23914	28.46 0.34 0.00	25.69 0.18 0.00	20.36 0.00 0.00	22.62 -0.08 0.00	22.93 -0.14 0.00	23.38 -0.02 0.00	20.65 0.07 0.00	21.77 0.08 0.00	25.29 0.07 0.00	28.41 0.30 0.00	30.39 0.17 0.00	33.55 0.30 0.00	33.50 0.04 0.00	39.31 -0.05 0.00	32.73 -0.10 0.00	29.86 0.06 0.00	28.36 0.31 0.00	28.21 0.57 0.00	29.12 0.65 0.00	31.84 0.67 0.00	32.04 0.47 0.00	43.02 0.83 0.00	29.94 0.63 0.00	29.64 0.67 0.00
S SALMON___HYD 24043	27.81 -0.31 0.00	25.15 -0.35 0.00	20.03 -0.33 0.00	22.25 -0.45 0.00	22.61 -0.47 0.00	22.97 -0.43 0.00	20.24 -0.33 0.00	21.32 -0.37 0.00	24.73 -0.48 0.00	27.65 -0.46 0.00	29.81 -0.41 0.00	32.69 -0.56 0.00	32.74 -0.72 0.00	38.57 -0.78 0.00	32.15 -0.68 0.00	29.18 -0.61 0.00	27.56 -0.49 0.00	27.29 -0.34 0.00	28.08 -0.39 0.00	32.22 -0.39 -1.44	33.95 -0.27 -2.66	47.16 -0.25 -5.23	31.01 -0.38 -2.08	30.56 -0.37 -1.97
S.PERRY___115KV_TB1 80734	28.41 0.29 0.00	25.59 0.08 0.00	20.23 -0.13 0.00	22.48 -0.21 0.00	22.76 -0.31 0.00	23.24 -0.16 0.00	20.46 -0.11 0.00	21.47 -0.22 0.00	24.81 -0.41 0.00	27.76 -0.35 0.00	29.87 -0.35 0.00	32.98 -0.27 0.00	32.82 -0.64 0.00	38.47 -0.88 0.00	32.08 -0.75 0.00	29.38 -0.42 0.00	28.08 0.03 0.00	27.82 0.18 0.00	28.68 0.22 0.00	31.68 0.51 0.00	32.07 0.51 0.00	43.07 0.89 0.00	29.97 0.66 0.00	30.16 1.19 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.25 0.13 0.00	25.48 -0.03 0.00	20.12 -0.24 0.00	22.35 -0.35 0.00	22.61 -0.46 0.00	23.09 -0.31 0.00	20.38 -0.19 0.00	21.43 -0.25 0.00	24.87 -0.35 0.00	28.04 -0.07 0.00	29.88 -0.34 0.00	33.03 -0.22 0.00	32.83 -0.63 0.00	38.38 -0.97 0.00	31.90 -0.94 0.00	29.18 -0.61 0.00	27.83 -0.22 0.00	27.71 0.08 0.00	28.53 0.06 0.00	31.16 -0.01 0.00	31.29 -0.28 0.00	42.16 -0.02 0.00	29.52 0.21 0.00	29.32 0.35 0.00
SAWYER___23_KV_LOAD 55526	28.25 0.13 0.00	25.48 -0.03 0.00	20.12 -0.24 0.00	22.35 -0.35 0.00	22.61 -0.46 0.00	23.09 -0.31 0.00	20.38 -0.19 0.00	21.43 -0.25 0.00	24.87 -0.35 0.00	28.04 -0.07 0.00	29.88 -0.34 0.00	33.03 -0.22 0.00	32.83 -0.63 0.00	38.38 -0.97 0.00	31.90 -0.94 0.00	29.18 -0.61 0.00	27.83 -0.22 0.00	27.71 0.08 0.00	28.53 0.06 0.00	31.16 -0.01 0.00	31.29 -0.28 0.00	42.16 -0.02 0.00	29.52 0.21 0.00	29.32 0.35 0.00
SELKIRK___I 23801	29.11 0.99 0.00	26.44 0.93 0.00	21.12 0.76 0.00	23.60 0.91 0.00	23.98 0.91 0.00	24.28 0.88 0.00	21.32 0.74 0.00	22.98 0.76 -0.54	26.66 0.87 -0.57	29.25 0.85 -0.29	31.64 0.96 -0.46	34.22 0.96 0.00	34.49 1.03 0.00	40.53 1.17 0.00	33.84 1.01 0.00	30.69 0.89 0.00	29.05 1.00 0.00	28.79 1.16 0.00	29.54 1.08 0.00	32.15 0.98 0.00	32.52 0.96 0.00	43.32 1.14 0.00	30.18 0.88 0.00	29.94 0.97 0.00
SELKIRK___II 23799	28.92 0.80 0.00	26.26 0.75 0.00	20.95 0.59 0.00	23.40 0.71 0.00	23.78 0.71 0.00	24.09 0.68 0.00	21.15 0.58 0.00	22.84 0.59 -0.56	26.50 0.68 -0.60	29.06 0.65 -0.31	31.46 0.76 -0.48	34.02 0.77 0.00	34.32 0.86 0.00	40.34 0.98 0.00	33.68 0.85 0.00	30.54 0.74 0.00	28.93 0.88 0.00	28.66 1.03 0.00	29.38 0.91 0.00	31.94 0.76 0.00	32.30 0.73 0.00	43.01 0.83 0.00	29.97 0.66 0.00	29.73 0.76 0.00
SENECA OSWGO___HYD 24041	27.50 -0.62 0.00	24.91 -0.59 0.00	19.86 -0.50 0.00	22.10 -0.59 0.00	22.47 -0.61 0.00	22.81 -0.59 0.00	20.10 -0.47 0.00	21.18 -0.51 0.00	24.59 -0.63 0.00	27.45 -0.66 0.00	29.54 -0.68 0.00	32.49 -0.76 0.00	32.68 -0.78 0.00	38.49 -0.87 0.00	32.10 -0.73 0.00	29.20 -0.60 0.00	27.61 -0.44 0.00	27.30 -0.33 0.00	28.07 -0.40 0.00	32.69 -0.48 -2.00	34.72 -0.52 -3.68	48.75 -0.69 -7.26	31.67 -0.52 -2.89	31.22 -0.48 -2.73
SENECA___115KV_TB3 355854	28.53 0.40 0.00	25.70 0.19 0.00	20.28 -0.08 0.00	22.55 -0.15 0.00	22.81 -0.27 0.00	23.29 -0.11 0.00	20.56 -0.02 0.00	21.63 -0.05 0.00	25.14 -0.08 0.00	28.34 0.23 0.00	30.25 0.03 0.00	33.47 0.22 0.00	33.28 -0.18 0.00	38.97 -0.38 0.00	32.40 -0.43 0.00	29.64 -0.16 0.00	28.25 0.20 0.00	28.14 0.51 0.00	28.94 0.47 0.00	31.58 0.41 0.00	31.70 0.14 0.00	42.71 0.53 0.00	29.87 0.57 0.00	29.64 0.67 0.00
SENECA___ENERGY 23797	28.11 -0.01 0.00	25.39 -0.12 0.00	20.15 -0.21 0.00	22.46 -0.24 0.00	22.78 -0.30 0.00	23.21 -0.19 0.00	20.49 -0.08 0.00	21.56 -0.12 0.00	25.10 -0.12 0.00	28.07 -0.03 0.00	30.13 -0.09 0.00	33.17 -0.09 0.00	33.27 -0.19 0.00	39.16 -0.19 0.00	32.70 -0.13 0.00	29.82 0.02 0.00	28.21 0.16 0.00	28.00 0.37 0.00	28.80 0.33 0.00	32.37 0.37 -0.83	33.30 0.21 -1.53	45.52 0.32 -3.01	30.70 0.20 -1.20	30.38 0.27 -1.13
SHOEMAKER___GT 23640	29.21 1.09 0.00	26.47 0.96 0.00	21.01 0.65 0.00	23.40 0.70 0.00	23.80 0.72 0.00	24.17 0.77 0.00	21.32 0.74 0.00	20.43 0.77 2.04	23.98 0.94 2.18	28.05 1.06 1.12	29.67 1.21 1.76	34.57 1.32 0.00	34.88 1.43 0.00	41.11 1.76 0.00	34.37 1.55 0.00	31.16 1.36 0.00	29.62 1.56 0.00	29.30 1.67 0.00	29.95 1.49 0.00	32.43 1.26 0.00	32.74 1.18 0.00	43.63 1.45 0.00	30.35 1.05 0.00	30.06 1.09 0.00
SHOEMAKR_138KV_BK 111 55601	29.18 1.06 0.00	26.44 0.93 0.00	20.98 0.62 0.00	23.37 0.67 0.00	23.77 0.69 0.00	24.15 0.75 0.00	21.30 0.72 0.00	20.51 0.75 1.93	24.08 0.93 2.06	28.11 1.06 1.06	29.76 1.21 1.66	34.58 1.33 0.00	34.90 1.44 0.00	41.13 1.78 0.00	34.39 1.56 0.00	31.17 1.38 0.00	29.62 1.57 0.00	29.29 1.66 0.00	29.94 1.47 0.00	32.40 1.23 0.00	32.71 1.16 0.00	43.57 1.39 0.00	30.31 1.00 0.00	30.02 1.05 0.00
SHOREHAM_IC_1 23715	30.79 2.67 0.00	27.90 2.39 0.00	22.07 1.71 0.00	24.43 1.74 0.00	24.87 1.80 0.00	25.30 1.90 0.00	22.46 1.88 0.00	25.97 1.87 -2.41	30.22 2.43 -2.58	32.31 2.88 -1.32	43.23 3.38 -9.63	55.09 3.76 -18.07	102.68 3.92 -65.30	67.73 4.57 -23.80	42.00 3.73 -5.44	32.52 2.73 0.00	30.89 2.84 0.00	30.63 3.00 0.00	31.29 2.82 0.00	33.75 2.58 0.00	34.36 2.80 0.00	46.10 3.92 0.00	32.32 3.02 0.00	32.05 3.08 0.00
SHOREHAM_IC_2 23716	30.79 2.67 0.00	27.90 2.39 0.00	22.07 1.71 0.00	24.43 1.74 0.00	24.87 1.80 0.00	25.30 1.90 0.00	22.46 1.88 0.00	25.97 1.87 -2.41	30.22 2.43 -2.58	32.31 2.88 -1.32	43.23 3.38 -9.63	55.09 3.76 -18.07	102.68 3.92 -65.30	67.73 4.57 -23.80	42.00 3.73 -5.44	32.52 2.73 0.00	30.89 2.84 0.00	30.63 3.00 0.00	31.29 2.82 0.00	33.75 2.58 0.00	34.36 2.80 0.00	46.10 3.92 0.00	32.32 3.02 0.00	32.05 3.08 0.00

SISSONVILLE____ 23735	28.22 0.10 0.00	25.61 0.10 0.00	20.51 0.15 0.00	22.82 0.13 0.00	23.27 0.19 0.00	23.60 0.19 0.00	20.62 0.04 0.00	21.62 -0.07 0.00	25.15 -0.07 0.00	28.01 -0.10 0.00	30.06 -0.16 0.00	32.99 -0.26 0.00	33.12 -0.34 0.00	38.65 -0.70 0.00	32.07 -0.76 0.00	29.09 -0.71 0.00	27.03 -1.02 0.00	26.45 -1.19 0.00	27.42 -1.04 0.00	30.51 -0.88 -0.21	31.28 -0.66 -0.39	42.56 -0.38 -0.76	29.31 -0.29 -0.30	28.91 -0.35 -0.29
SITHE_IND_GS1 24169	27.20 -0.92 0.00	24.63 -0.87 0.00	19.66 -0.70 0.00	21.88 -0.82 0.00	22.23 -0.84 0.00	22.57 -0.83 0.00	19.89 -0.69 0.00	20.96 -0.73 0.00	24.34 -0.88 0.00	27.16 -0.95 0.00	29.20 -1.02 0.00	32.14 -1.11 0.00	32.30 -1.15 0.00	38.01 -1.34 0.00	31.71 -1.12 0.00	28.82 -0.97 0.00	27.22 -0.82 0.00	26.91 -0.72 0.00	27.68 -0.79 0.00	24.52 -0.88 5.76	20.03 -0.91 10.61	20.04 -1.22 20.92	20.12 -0.87 8.32	20.27 -0.84 7.86
SITHE_IND_GS2 24170	27.20 -0.92 0.00	24.63 -0.87 0.00	19.66 -0.70 0.00	21.88 -0.82 0.00	22.23 -0.84 0.00	22.57 -0.83 0.00	19.89 -0.69 0.00	20.96 -0.73 0.00	24.34 -0.88 0.00	27.16 -0.95 0.00	29.20 -1.02 0.00	32.14 -1.11 0.00	32.30 -1.15 0.00	38.01 -1.34 0.00	31.71 -1.12 0.00	28.82 -0.97 0.00	27.22 -0.82 0.00	26.91 -0.72 0.00	27.68 -0.79 0.00	24.52 -0.88 5.76	20.03 -0.91 10.61	20.04 -1.22 20.92	20.12 -0.87 8.32	20.27 -0.84 7.86
SITHE_IND_GS3 24171	27.20 -0.92 0.00	24.63 -0.87 0.00	19.66 -0.70 0.00	21.88 -0.82 0.00	22.23 -0.84 0.00	22.57 -0.83 0.00	19.89 -0.69 0.00	20.96 -0.73 0.00	24.34 -0.88 0.00	27.16 -0.95 0.00	29.20 -1.02 0.00	32.14 -1.11 0.00	32.30 -1.15 0.00	38.01 -1.34 0.00	31.71 -1.12 0.00	28.82 -0.97 0.00	27.22 -0.82 0.00	26.91 -0.72 0.00	27.68 -0.79 0.00	24.52 -0.88 5.76	20.03 -0.91 10.61	20.04 -1.22 20.92	20.12 -0.87 8.32	20.27 -0.84 7.86
SITHE_IND_GS4 24172	27.20 -0.92 0.00	24.63 -0.87 0.00	19.66 -0.70 0.00	21.88 -0.82 0.00	22.23 -0.84 0.00	22.57 -0.83 0.00	19.89 -0.69 0.00	20.96 -0.73 0.00	24.34 -0.88 0.00	27.16 -0.95 0.00	29.20 -1.02 0.00	32.14 -1.11 0.00	32.30 -1.15 0.00	38.01 -1.34 0.00	31.71 -1.12 0.00	28.82 -0.97 0.00	27.22 -0.82 0.00	26.91 -0.72 0.00	27.68 -0.79 0.00	24.52 -0.88 5.76	20.03 -0.91 10.61	20.04 -1.22 20.92	20.12 -0.87 8.32	20.27 -0.84 7.86
SITHE____BATAVIA 24024	28.79 0.67 0.00	25.96 0.45 0.00	20.53 0.17 0.00	22.79 0.10 0.00	23.07 0.00 0.00	23.59 0.18 0.00	20.82 0.24 0.00	21.94 0.25 0.00	25.46 0.24 0.00	28.77 0.67 0.00	30.68 0.47 0.00	33.86 0.60 0.00	33.72 0.26 0.00	39.36 0.01 0.00	32.84 0.01 0.00	30.02 0.22 0.00	28.47 0.42 0.00	28.39 0.75 0.00	29.34 0.87 0.00	32.09 0.92 0.00	32.28 0.72 0.00	43.44 1.27 0.00	30.28 0.98 0.00	30.05 1.08 0.00
SITHE____INDEPEND 23800	27.20 -0.93 0.00	24.63 -0.87 0.00	19.66 -0.70 0.00	21.88 -0.82 0.00	22.23 -0.84 0.00	22.57 -0.83 0.00	19.89 -0.69 0.00	20.96 -0.73 0.00	24.34 -0.88 0.00	27.16 -0.95 0.00	29.20 -1.02 0.00	32.14 -1.11 0.00	32.30 -1.15 0.00	38.01 -1.34 0.00	31.71 -1.12 0.00	28.82 -0.98 0.00	27.22 -0.82 0.00	26.91 -0.72 0.00	27.68 -0.79 0.00	24.52 -0.88 5.76	20.03 -0.91 10.61	20.04 -1.22 20.92	20.12 -0.86 8.32	20.27 -0.84 7.86
SITHE____MASSENA 23902	28.27 0.14 0.00	25.68 0.17 0.00	20.57 0.21 0.00	22.92 0.23 0.00	23.37 0.29 0.00	23.68 0.28 0.00	20.78 0.20 0.00	21.89 0.20 0.00	25.46 0.24 0.00	28.35 0.24 0.00	30.40 0.18 0.00	33.47 0.21 0.00	33.62 0.16 0.00	39.29 -0.07 0.00	32.71 -0.11 0.00	29.68 -0.12 0.00	27.63 -0.42 0.00	27.03 -0.61 0.00	28.01 -0.46 0.00	30.89 -0.28 0.00	31.43 -0.13 0.00	42.39 0.21 0.00	29.42 0.12 0.00	28.99 0.01 0.00
SITHE____OGDNSBRG 24021	28.65 0.53 0.00	26.02 0.52 0.00	20.85 0.49 0.00	23.21 0.51 0.00	23.67 0.59 0.00	24.00 0.60 0.00	21.04 0.46 0.00	22.11 0.42 0.00	25.70 0.48 0.00	28.60 0.50 0.00	30.70 0.48 0.00	33.80 0.55 0.00	33.99 0.53 0.00	39.65 0.30 0.00	32.95 0.11 0.00	29.88 0.08 0.00	27.76 -0.29 0.00	27.12 -0.52 0.00	28.14 -0.33 0.00	31.16 -0.02 0.00	31.77 0.21 0.00	42.92 0.74 0.00	29.79 0.48 0.00	29.33 0.36 0.00
SITHE____STERLING 23777	28.68 0.56 0.00	25.94 0.43 0.00	20.65 0.28 0.00	23.00 0.30 0.00	23.36 0.28 0.00	23.74 0.34 0.00	20.90 0.33 0.00	22.02 0.33 0.00	25.62 0.40 0.00	28.67 0.56 0.00	30.87 0.65 0.00	33.98 0.72 0.00	34.23 0.77 0.00	40.39 1.04 0.00	33.63 0.80 0.00	30.55 0.75 0.00	28.87 0.81 0.00	28.59 0.96 0.00	29.37 0.91 0.00	32.46 0.96 -0.32	33.13 0.98 -0.59	44.59 1.25 -1.16	30.50 0.74 -0.46	30.05 0.65 -0.44
SLEIGHT__34_KV_TB1 80719	28.58 0.46 0.00	25.79 0.28 0.00	20.45 0.09 0.00	22.78 0.09 0.00	23.12 0.04 0.00	23.59 0.18 0.00	20.85 0.27 0.00	21.92 0.24 0.00	25.55 0.33 0.00	28.71 0.60 0.00	30.78 0.56 0.00	34.01 0.76 0.00	34.17 0.72 0.00	40.15 0.79 0.00	33.56 0.74 0.00	30.57 0.77 0.00	28.82 0.77 0.00	28.61 0.98 0.00	29.48 1.01 0.00	32.91 1.06 -0.67	33.71 0.91 -1.23	45.86 1.25 -2.43	31.03 0.76 -0.97	30.64 0.76 -0.91
SOUTH CAIRO____GT 23612	29.97 1.85 0.00	27.16 1.65 0.00	21.69 1.33 0.00	24.24 1.54 0.00	24.62 1.54 0.00	24.94 1.54 0.00	21.91 1.33 0.00	23.54 1.38 -0.47	27.22 1.50 -0.50	29.68 1.31 -0.26	32.04 1.42 -0.41	34.73 1.48 0.00	35.09 1.63 0.00	41.29 1.94 0.00	34.50 1.68 0.00	31.34 1.54 0.00	29.40 1.35 0.00	29.39 1.75 0.00	30.64 2.18 0.00	33.43 2.26 0.00	33.87 2.31 0.00	45.05 2.87 0.00	31.29 1.98 0.00	30.97 2.00 0.00
SOUTH HAMPTN____IC 23720	31.30 3.17 0.00	28.34 2.83 0.00	22.40 2.04 0.00	24.80 2.10 0.00	25.25 2.18 0.00	25.69 2.29 0.00	22.81 2.23 0.00	26.35 2.26 -2.41	30.71 2.91 -2.58	32.91 3.48 -1.32	43.94 4.09 -9.63	55.51 4.60 -17.66	101.52 4.76 -63.31	67.85 5.57 -22.93	42.82 4.55 -5.44	33.31 3.51 0.00	31.68 3.63 0.00	31.42 3.79 0.00	32.09 3.62 0.00	34.56 3.39 0.00	35.12 3.56 0.00	47.11 4.93 0.00	33.00 3.70 0.00	32.67 3.70 0.00
SOUTHDOW_115KV_TB1 355954	29.30 1.18 0.00	26.33 0.82 0.00	20.65 0.29 0.00	23.10 0.40 0.00	23.29 0.21 0.00	23.78 0.38 0.00	21.12 0.54 0.00	22.31 0.63 0.00	26.14 0.92 0.00	29.55 1.44 0.00	31.77 1.55 0.00	35.32 2.07 0.00	35.16 1.70 0.00	41.35 2.00 0.00	34.36 1.53 0.00	31.38 1.58 0.00	29.91 1.85 0.00	29.79 2.15 0.00	30.49 2.02 0.00	33.23 2.06 0.00	33.33 1.76 0.00	44.83 2.65 0.00	31.05 1.74 0.00	30.52 1.55 0.00
SOUTHOLD_69_KV_BK 2 55809	31.98 3.86 0.00	28.93 3.42 0.00	22.84 2.48 0.00	25.31 2.62 0.00	25.77 2.70 0.00	26.24 2.84 0.00	23.29 2.71 0.00	26.85 2.75 -2.41	31.33 3.53 -2.58	33.64 4.21 -1.32	44.77 4.93 -9.63	56.51 5.59 -17.67	102.56 5.77 -63.33	69.04 6.75 -22.94	43.76 5.49 -5.44	34.22 4.42 0.00	32.59 4.54 0.00	32.34 4.71 0.00	33.03 4.57 0.00	35.56 4.39 0.00	36.08 4.52 0.00	48.51 6.33 0.00	33.90 4.59 0.00	33.54 4.56 0.00

SOUTHOLD___IC 23719	31.98 3.86 0.00	28.93 3.42 0.00	22.85 2.49 0.00	25.29 2.60 0.00	25.77 2.69 0.00	26.22 2.81 0.00	23.31 2.73 0.00	26.85 2.75 -2.41	31.32 3.53 -2.58	33.63 4.20 -1.32	44.77 4.92 -9.63	56.51 5.59 -17.67	102.56 5.77 -63.33	69.03 6.74 -22.94	43.76 5.49 -5.44	34.22 4.42 0.00	32.59 4.54 0.00	32.34 4.71 0.00	33.03 4.57 0.00	35.56 4.39 0.00	36.07 4.51 0.00	48.46 6.28 0.00	33.95 4.64 0.00	33.53 4.56 0.00
SPIERFLS_115KV_TB 1 80737	29.87 1.75 0.00	26.96 1.45 0.00	21.38 1.02 0.00	23.92 1.23 0.00	24.35 1.27 0.00	24.70 1.30 0.00	21.78 1.21 0.00	23.57 1.34 -0.54	27.35 1.55 -0.58	30.01 1.60 -0.30	32.39 1.70 -0.47	35.01 1.75 0.00	35.22 1.76 0.00	41.15 1.79 0.00	34.34 1.51 0.00	31.36 1.56 0.00	29.73 1.68 0.00	29.50 1.87 0.00	30.44 1.97 0.00	33.03 1.86 0.00	33.71 2.15 0.00	44.87 2.69 0.00	31.21 1.91 0.00	30.91 1.94 0.00
ST LAWRENCE___ 23600	27.85 -0.27 0.00	25.32 -0.19 0.00	20.28 -0.07 0.00	22.60 -0.09 0.00	23.04 -0.03 0.00	23.35 -0.05 0.00	20.49 -0.08 0.00	21.62 -0.07 0.00	25.14 -0.08 0.00	27.96 -0.15 0.00	29.98 -0.24 0.00	33.03 -0.22 0.00	33.17 -0.29 0.00	38.93 -0.43 0.00	32.43 -0.40 0.00	29.43 -0.37 0.00	27.42 -0.62 0.00	26.82 -0.82 0.00	27.79 -0.68 0.00	30.65 -0.52 0.00	31.15 -0.41 0.00	41.87 -0.31 0.00	29.06 -0.25 0.00	28.62 -0.36 0.00
STATE_CA_115KV_115_LB 55624	28.99 0.87 0.00	26.32 0.81 0.00	21.01 0.65 0.00	23.46 0.77 0.00	23.84 0.76 0.00	24.14 0.74 0.00	21.22 0.64 0.00	22.91 0.66 -0.57	26.59 0.77 -0.61	29.16 0.74 -0.31	31.61 0.90 -0.49	34.18 0.93 0.00	34.49 1.03 0.00	40.54 1.19 0.00	33.86 1.03 0.00	30.71 0.91 0.00	29.11 1.06 0.00	28.84 1.21 0.00	29.54 1.07 0.00	32.10 0.93 0.00	32.45 0.89 0.00	43.19 1.01 0.00	30.08 0.77 0.00	29.85 0.88 0.00
STATE_ST_34_KV_LOAD 55959	28.57 0.45 0.00	25.81 0.30 0.00	20.48 0.12 0.00	22.89 0.20 0.00	23.20 0.12 0.00	23.64 0.24 0.00	20.89 0.31 0.00	21.90 0.21 0.00	25.51 0.29 0.00	28.40 0.29 0.00	30.38 0.16 0.00	33.54 0.30 0.00	33.71 0.25 0.00	39.60 0.25 0.00	33.17 0.35 0.00	30.23 0.44 0.00	28.62 0.57 0.00	28.43 0.79 0.00	29.26 0.79 0.00	33.04 0.88 -0.99	34.14 0.75 -1.83	46.80 1.01 -3.61	31.31 0.57 -1.44	30.94 0.61 -1.36
STATION 5_MISC_HYD 23604	28.32 0.19 0.00	25.56 0.06 0.00	20.27 -0.09 0.00	22.52 -0.18 0.00	22.84 -0.24 0.00	23.28 -0.12 0.00	20.55 -0.03 0.00	21.66 -0.02 0.00	25.17 -0.05 0.00	28.27 0.16 0.00	30.25 0.03 0.00	33.38 0.13 0.00	33.32 -0.14 0.00	39.09 -0.27 0.00	32.54 -0.29 0.00	29.68 -0.11 0.00	28.19 0.14 0.00	28.02 0.39 0.00	28.92 0.45 0.00	31.62 0.45 0.00	31.82 0.26 0.00	42.75 0.57 0.00	29.74 0.44 0.00	29.47 0.50 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.35 0.23 0.00	25.59 0.08 0.00	20.30 -0.06 0.00	22.59 -0.11 0.00	22.92 -0.16 0.00	23.36 -0.05 0.00	20.63 0.05 0.00	21.74 0.05 0.00	25.30 0.08 0.00	28.39 0.28 0.00	30.42 0.21 0.00	33.57 0.32 0.00	33.58 0.12 0.00	39.48 0.12 0.00	32.94 0.11 0.00	30.02 0.22 0.00	28.42 0.37 0.00	28.25 0.62 0.00	29.10 0.64 0.00	32.05 0.67 -0.21	32.42 0.47 -0.39	43.70 0.75 -0.76	30.14 0.54 -0.30	29.81 0.55 -0.29
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.12 0.00 0.00	25.38 -0.12 0.00	20.14 -0.22 0.00	22.37 -0.32 0.00	22.69 -0.39 0.00	23.12 -0.28 0.00	20.42 -0.16 0.00	21.54 -0.15 0.00	25.02 -0.20 0.00	28.12 0.01 0.00	30.09 -0.12 0.00	33.21 -0.04 0.00	33.18 -0.28 0.00	38.91 -0.44 0.00	32.42 -0.41 0.00	29.57 -0.23 0.00	28.07 0.02 0.00	27.89 0.26 0.00	28.77 0.30 0.00	31.45 0.28 0.00	31.65 0.09 0.00	42.49 0.31 0.00	29.57 0.27 0.00	29.28 0.30 0.00
STA_56___34_KV_BUS2 355983	28.12 0.00 0.00	25.38 -0.12 0.00	20.14 -0.22 0.00	22.37 -0.32 0.00	22.69 -0.39 0.00	23.12 -0.28 0.00	20.42 -0.16 0.00	21.54 -0.15 0.00	25.02 -0.20 0.00	28.12 0.01 0.00	30.09 -0.12 0.00	33.21 -0.04 0.00	33.18 -0.28 0.00	38.91 -0.44 0.00	32.42 -0.41 0.00	29.57 -0.23 0.00	28.07 0.02 0.00	27.89 0.26 0.00	28.77 0.30 0.00	31.45 0.28 0.00	31.65 0.09 0.00	42.49 0.31 0.00	29.57 0.27 0.00	29.28 0.30 0.00
STA_67___115KV_BK2 355882	28.25 0.13 0.00	25.51 0.00 0.00	20.23 -0.13 0.00	22.47 -0.23 0.00	22.79 -0.29 0.00	23.23 -0.17 0.00	20.51 -0.06 0.00	21.61 -0.07 0.00	25.10 -0.12 0.00	28.20 0.09 0.00	30.17 -0.05 0.00	33.28 0.03 0.00	33.22 -0.24 0.00	38.96 -0.39 0.00	32.45 -0.38 0.00	29.60 -0.20 0.00	28.11 0.06 0.00	27.94 0.31 0.00	28.82 0.36 0.00	31.52 0.35 0.00	31.73 0.17 0.00	42.62 0.44 0.00	29.68 0.37 0.00	29.40 0.42 0.00
STA_7___115KV_9TRANS 80674	28.46 0.34 0.00	25.69 0.18 0.00	20.36 0.00 0.00	22.62 -0.08 0.00	22.93 -0.14 0.00	23.38 -0.02 0.00	20.65 0.07 0.00	21.77 0.08 0.00	25.29 0.07 0.00	28.41 0.30 0.00	30.39 0.17 0.00	33.55 0.30 0.00	33.50 0.04 0.00	39.31 -0.05 0.00	32.73 -0.10 0.00	29.86 0.06 0.00	28.36 0.31 0.00	28.21 0.57 0.00	29.12 0.65 0.00	31.84 0.67 0.00	32.04 0.47 0.00	43.02 0.83 0.00	29.94 0.63 0.00	29.64 0.67 0.00
STA_82___115KV_TB1 80780	28.27 0.14 0.00	25.53 0.02 0.00	20.24 -0.12 0.00	22.48 -0.21 0.00	22.80 -0.28 0.00	23.24 -0.16 0.00	20.52 -0.05 0.00	21.63 -0.06 0.00	25.12 -0.10 0.00	28.21 0.10 0.00	30.18 -0.04 0.00	33.31 0.06 0.00	33.25 -0.21 0.00	38.99 -0.36 0.00	32.46 -0.37 0.00	29.62 -0.18 0.00	28.13 0.08 0.00	27.96 0.33 0.00	28.85 0.38 0.00	31.55 0.38 0.00	31.75 0.19 0.00	42.66 0.48 0.00	29.70 0.39 0.00	29.42 0.45 0.00
STEEL___WIND 323596	28.51 0.39 0.00	25.68 0.17 0.00	20.28 -0.08 0.00	22.54 -0.15 0.00	22.80 -0.27 0.00	23.28 -0.12 0.00	20.54 -0.03 0.00	21.61 -0.07 0.00	25.13 -0.09 0.00	28.33 0.22 0.00	30.26 0.04 0.00	33.46 0.21 0.00	33.27 -0.18 0.00	38.95 -0.40 0.00	32.38 -0.45 0.00	29.61 -0.19 0.00	28.22 0.18 0.00	28.11 0.48 0.00	28.90 0.44 0.00	31.56 0.39 0.00	31.68 0.12 0.00	42.69 0.51 0.00	29.84 0.53 0.00	29.62 0.65 0.00
STEPHTWN_115KV_BK_2 55603	29.13 1.01 0.00	26.37 0.86 0.00	21.04 0.67 0.00	23.51 0.81 0.00	23.84 0.76 0.00	24.18 0.78 0.00	21.27 0.69 0.00	23.02 0.76 -0.57	26.80 0.97 -0.61	29.32 0.90 -0.31	31.80 1.10 -0.49	34.34 1.09 0.00	34.64 1.18 0.00	40.77 1.42 0.00	34.02 1.19 0.00	30.87 1.08 0.00	29.26 1.21 0.00	29.01 1.38 0.00	29.72 1.25 0.00	32.31 1.14 0.00	32.56 1.00 0.00	43.37 1.19 0.00	30.18 0.87 0.00	29.92 0.95 0.00
STEUBEN_REC_LFGE 323667	28.68 0.56 0.00	25.74 0.23 0.00	20.33 -0.03 0.00	22.59 -0.10 0.00	22.80 -0.28 0.00	23.36 -0.04 0.00	20.45 -0.13 0.00	21.51 -0.18 0.00	25.31 0.09 0.00	28.54 0.44 0.00	30.71 0.49 0.00	33.91 0.65 0.00	33.76 0.30 0.00	39.95 0.60 0.00	33.36 0.53 0.00	30.40 0.60 0.00	28.82 0.77 0.00	28.58 0.95 0.00	29.27 0.80 0.00	32.37 0.90 -0.29	32.64 0.54 -0.54	44.09 0.85 -1.07	30.28 0.55 -0.42	30.03 0.66 -0.40

STONY___BROOK 24151	30.60 2.47 0.00	27.73 2.22 0.00	21.93 1.57 0.00	24.28 1.58 0.00	24.72 1.64 0.00	25.15 1.75 0.00	22.27 1.70 0.00	25.85 1.75 -2.41	30.06 2.27 -2.58	32.10 2.67 -1.32	43.01 3.16 -9.63	57.17 3.53 -20.39	113.67 3.66 -76.55	72.44 4.34 -28.75	41.89 3.62 -5.44	32.24 2.44 0.00	30.69 2.64 0.00	30.43 2.80 0.00	31.03 2.57 0.00	33.38 2.21 0.00	33.88 2.32 0.00	45.54 3.36 0.00	31.96 2.65 0.00	31.71 2.74 0.00
STURGEON_POOL_HYD 23609	29.40 1.28 0.00	26.63 1.12 0.00	21.10 0.74 0.00	23.49 0.80 0.00	23.90 0.83 0.00	24.28 0.88 0.00	21.42 0.84 0.00	22.57 0.89 0.00	26.34 1.12 0.00	29.50 1.39 0.00	31.80 1.58 0.00	35.00 1.75 0.00	35.37 1.91 0.00	41.74 2.39 0.00	34.85 2.02 0.00	31.57 1.77 0.00	30.03 1.98 0.00	29.69 2.06 0.00	30.18 1.71 0.00	32.53 1.35 0.00	32.83 1.26 0.00	43.69 1.51 0.00	30.41 1.11 0.00	30.13 1.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.23 1.11 0.00	26.46 0.96 0.00	20.97 0.61 0.00	23.35 0.66 0.00	23.76 0.68 0.00	24.15 0.75 0.00	21.31 0.74 0.00	20.06 0.78 2.41	23.61 0.97 2.58	27.99 1.21 1.32	29.53 1.40 2.08	34.80 1.55 0.00	35.17 1.71 0.00	41.46 2.11 0.00	34.66 1.83 0.00	31.41 1.61 0.00	29.83 1.78 0.00	29.51 1.87 0.00	30.08 1.62 0.00	32.49 1.32 0.00	32.78 1.22 0.00	43.60 1.42 0.00	30.34 1.03 0.00	30.06 1.09 0.00
SWANROAD_115KV_TB1 355699	27.73 -0.39 0.00	25.03 -0.48 0.00	19.78 -0.58 0.00	21.95 -0.75 0.00	22.20 -0.87 0.00	22.69 -0.71 0.00	20.01 -0.57 0.00	21.01 -0.68 0.00	24.33 -0.89 0.00	27.43 -0.68 0.00	29.19 -1.03 0.00	32.26 -0.99 0.00	32.04 -1.42 0.00	37.34 -2.01 0.00	31.06 -1.77 0.00	28.46 -1.34 0.00	27.16 -0.89 0.00	27.07 -0.56 0.00	27.90 -0.57 0.00	30.46 -0.72 0.00	30.57 -0.99 0.00	41.21 -0.98 0.00	28.92 -0.39 0.00	28.80 -0.17 0.00
SYNERGY___BIOGAS 323694	28.79 0.67 0.00	25.96 0.45 0.00	20.53 0.17 0.00	22.79 0.10 0.00	23.07 0.00 0.00	23.59 0.18 0.00	20.82 0.24 0.00	21.94 0.25 0.00	25.46 0.24 0.00	28.77 0.67 0.00	30.68 0.47 0.00	33.86 0.60 0.00	33.72 0.26 0.00	39.36 0.01 0.00	32.84 0.01 0.00	30.02 0.22 0.00	28.47 0.42 0.00	28.39 0.75 0.00	29.34 0.87 0.00	32.09 0.92 0.00	32.28 0.72 0.00	43.44 1.27 0.00	30.28 0.98 0.00	30.05 1.08 0.00
SYRACUSE___ENERGY_ST1 323597	27.95 -0.17 0.00	25.29 -0.22 0.00	20.14 -0.23 0.00	22.43 -0.26 0.00	22.81 -0.27 0.00	23.16 -0.24 0.00	20.42 -0.16 0.00	21.50 -0.19 0.00	24.99 -0.23 0.00	27.94 -0.17 0.00	30.03 -0.19 0.00	33.08 -0.17 0.00	33.26 -0.20 0.00	39.18 -0.17 0.00	32.70 -0.13 0.00	29.74 -0.05 0.00	28.09 0.04 0.00	27.79 0.16 0.00	28.57 0.10 0.00	32.36 0.08 -1.11	33.62 0.01 -2.05	46.24 0.01 -4.04	30.87 -0.04 -1.61	30.46 -0.04 -1.52
SYRACUSE___ENERGY_ST2 323598	27.95 -0.17 0.00	25.29 -0.22 0.00	20.14 -0.23 0.00	22.43 -0.26 0.00	22.81 -0.27 0.00	23.16 -0.24 0.00	20.42 -0.16 0.00	21.50 -0.19 0.00	24.99 -0.23 0.00	27.94 -0.17 0.00	30.03 -0.19 0.00	33.08 -0.17 0.00	33.26 -0.20 0.00	39.18 -0.17 0.00	32.70 -0.13 0.00	29.74 -0.05 0.00	28.09 0.04 0.00	27.79 0.16 0.00	28.57 0.10 0.00	32.36 0.08 -1.11	33.62 0.01 -2.05	46.24 0.01 -4.04	30.87 -0.04 -1.61	30.46 -0.04 -1.52
SYRACUSE___POWER 24017	27.97 -0.15 0.00	25.31 -0.20 0.00	20.16 -0.21 0.00	22.44 -0.26 0.00	22.81 -0.27 0.00	23.16 -0.24 0.00	20.42 -0.16 0.00	21.50 -0.19 0.00	24.97 -0.24 0.00	27.91 -0.19 0.00	30.03 -0.19 0.00	33.06 -0.19 0.00	33.25 -0.21 0.00	39.18 -0.17 0.00	32.68 -0.15 0.00	29.73 -0.07 0.00	28.11 0.07 0.00	27.81 0.18 0.00	28.58 0.12 0.00	31.99 0.08 -0.73	32.92 0.02 -1.35	44.85 0.02 -2.65	30.34 -0.02 -1.05	29.94 -0.03 -0.99
TALLMAN___138KV_BK151 55660	29.33 1.21 0.00	26.56 1.05 0.00	21.03 0.67 0.00	23.41 0.71 0.00	23.81 0.74 0.00	24.23 0.82 0.00	21.40 0.83 0.00	19.42 0.87 3.13	22.95 1.08 3.35	27.72 1.34 1.72	29.05 1.54 2.71	34.97 1.73 0.00	35.35 1.89 0.00	41.68 2.32 0.00	34.84 2.01 0.00	31.57 1.77 0.00	30.01 1.96 0.00	29.69 2.06 0.00	30.25 1.78 0.00	32.61 1.44 0.00	32.87 1.31 0.00	43.71 1.54 0.00	30.42 1.11 0.00	30.15 1.18 0.00
TEALLAVE_115KV_TB7 355573	27.82 -0.30 0.00	25.18 -0.33 0.00	20.05 -0.31 0.00	22.32 -0.37 0.00	22.69 -0.39 0.00	23.04 -0.36 0.00	20.31 -0.27 0.00	21.39 -0.30 0.00	24.83 -0.39 0.00	27.76 -0.35 0.00	29.87 -0.35 0.00	32.89 -0.37 0.00	33.06 -0.39 0.00	38.95 -0.40 0.00	32.49 -0.34 0.00	29.54 -0.26 0.00	27.93 -0.12 0.00	27.63 0.00 0.00	28.41 -0.06 0.00	31.65 -0.12 -0.60	32.48 -0.19 -1.10	44.11 -0.24 -2.17	29.96 -0.20 -0.86	29.59 -0.20 -0.81
TELGRAPH_34_KV_EAST 80808	28.32 0.19 0.00	25.55 0.04 0.00	20.19 -0.17 0.00	22.41 -0.28 0.00	22.68 -0.40 0.00	23.17 -0.23 0.00	20.45 -0.12 0.00	21.51 -0.18 0.00	24.96 -0.26 0.00	28.16 0.05 0.00	29.98 -0.23 0.00	33.13 -0.11 0.00	32.95 -0.51 0.00	38.45 -0.90 0.00	32.00 -0.83 0.00	29.29 -0.51 0.00	27.87 -0.17 0.00	27.79 0.16 0.00	28.67 0.20 0.00	31.31 0.13 0.00	31.44 -0.12 0.00	42.35 0.17 0.00	29.65 0.34 0.00	29.45 0.48 0.00
TEMPLE___115KV_TB 2 55572	27.84 -0.28 0.00	25.20 -0.31 0.00	20.07 -0.29 0.00	22.34 -0.36 0.00	22.70 -0.37 0.00	23.06 -0.34 0.00	20.32 -0.25 0.00	21.40 -0.29 0.00	24.85 -0.37 0.00	27.78 -0.32 0.00	29.90 -0.32 0.00	32.92 -0.33 0.00	33.10 -0.36 0.00	38.99 -0.36 0.00	32.52 -0.31 0.00	29.58 -0.22 0.00	27.97 -0.08 0.00	27.66 0.03 0.00	28.44 -0.03 0.00	31.68 -0.09 -0.60	32.50 -0.16 -1.10	44.13 -0.21 -2.17	29.99 -0.18 -0.86	29.61 -0.17 -0.81
TIANA___69_KV_BK 1 55817	31.14 3.02 0.00	28.18 2.68 0.00	22.29 1.93 0.00	24.69 1.99 0.00	25.12 2.04 0.00	25.58 2.17 0.00	22.70 2.12 0.00	26.23 2.13 -2.41	30.55 2.76 -2.58	32.72 3.29 -1.32	43.73 3.88 -9.63	55.27 4.35 -17.67	101.30 4.51 -63.33	67.57 5.28 -22.93	42.60 4.34 -5.44	33.10 3.30 0.00	31.46 3.41 0.00	31.21 3.57 0.00	31.86 3.39 0.00	34.32 3.15 0.00	34.89 3.33 0.00	46.90 4.72 0.00	32.79 3.49 0.00	32.52 3.55 0.00
TILDEN___115KV_TB1 80814	27.97 -0.15 0.00	25.31 -0.20 0.00	20.16 -0.21 0.00	22.44 -0.26 0.00	22.81 -0.27 0.00	23.16 -0.24 0.00	20.42 -0.16 0.00	21.50 -0.19 0.00	24.97 -0.24 0.00	27.91 -0.19 0.00	30.03 -0.19 0.00	33.06 -0.19 0.00	33.25 -0.21 0.00	39.18 -0.17 0.00	32.68 -0.15 0.00	29.73 -0.07 0.00	28.11 0.07 0.00	27.81 0.18 0.00	28.58 0.12 0.00	31.99 0.08 -0.73	32.92 0.02 -1.35	44.85 0.02 -2.65	30.34 -0.02 -1.05	29.94 -0.03 -0.99
TRIGEN___CC 323695	29.95 1.83 0.00	27.16 1.65 0.00	21.50 1.14 0.00	23.88 1.18 0.00	24.30 1.23 0.00	24.72 1.32 0.00	21.82 1.25 0.00	25.39 1.30 -2.41	29.44 1.65 -2.58	31.42 1.99 -1.32	42.17 2.32 -9.63	43.58 2.51 -7.82	51.60 2.66 -15.48	44.47 3.22 -1.89	40.73 2.74 -5.16	31.96 2.16 0.00	30.45 2.40 0.00	30.15 2.52 0.00	30.69 2.22 0.00	33.07 1.90 0.00	33.45 1.89 0.00	44.57 2.39 0.00	31.05 1.75 0.00	30.79 1.82 0.00

TRINITY__115KV__4 BK 55933	28.87 0.75 0.00	26.22 0.72 0.00	20.94 0.58 0.00	23.39 0.69 0.00	23.76 0.69 0.00	24.06 0.66 0.00	21.14 0.56 0.00	22.83 0.57 -0.57	26.48 0.65 -0.61	29.01 0.59 -0.31	31.44 0.73 -0.49	33.97 0.72 0.00	34.28 0.82 0.00	40.28 0.93 0.00	33.64 0.81 0.00	30.51 0.71 0.00	28.92 0.87 0.00	28.66 1.02 0.00	29.36 0.89 0.00	31.92 0.74 0.00	32.28 0.72 0.00	42.97 0.79 0.00	29.93 0.63 0.00	29.71 0.74 0.00
UNION__PROCESSING_DRP 323587	28.28 0.16 0.00	25.54 0.03 0.00	20.25 -0.11 0.00	22.49 -0.21 0.00	22.81 -0.26 0.00	23.25 -0.15 0.00	20.53 -0.04 0.00	21.64 -0.05 0.00	25.13 -0.09 0.00	28.23 0.12 0.00	30.20 -0.02 0.00	33.32 0.07 0.00	33.26 -0.20 0.00	39.00 -0.35 0.00	32.48 -0.35 0.00	29.63 -0.16 0.00	28.14 0.09 0.00	27.97 0.34 0.00	28.86 0.40 0.00	31.57 0.40 0.00	31.77 0.21 0.00	42.67 0.49 0.00	29.72 0.41 0.00	29.44 0.47 0.00
UPPER HUDSON__HYD 24058	29.87 1.75 0.00	26.96 1.45 0.00	21.38 1.02 0.00	23.92 1.22 0.00	24.35 1.27 0.00	24.70 1.30 0.00	21.78 1.21 0.00	23.57 1.34 -0.54	27.35 1.55 -0.58	30.01 1.60 -0.30	32.38 1.70 -0.47	35.00 1.75 0.00	35.22 1.76 0.00	41.15 1.79 0.00	34.34 1.51 0.00	31.36 1.56 0.00	29.73 1.68 0.00	29.50 1.87 0.00	30.44 1.97 0.00	33.03 1.86 0.00	33.71 2.15 0.00	44.86 2.68 0.00	31.21 1.91 0.00	30.91 1.94 0.00
UPPER RAQUET__HYD 24056	28.22 0.10 0.00	25.61 0.10 0.00	20.51 0.15 0.00	22.83 0.13 0.00	23.27 0.19 0.00	23.60 0.20 0.00	20.62 0.04 0.00	21.62 -0.07 0.00	25.15 -0.07 0.00	28.01 -0.10 0.00	30.06 -0.16 0.00	32.99 -0.26 0.00	33.12 -0.34 0.00	38.65 -0.70 0.00	32.07 -0.76 0.00	29.09 -0.71 0.00	27.03 -1.02 0.00	26.45 -1.19 0.00	27.42 -1.04 0.00	30.51 -0.88 -0.21	31.28 -0.66 -0.39	42.56 -0.38 -0.76	29.31 -0.30 -0.30	28.91 -0.34 -0.29
VALLEY44_115KV_TB2 355964	28.60 0.48 0.00	25.75 0.24 0.00	20.31 -0.05 0.00	22.63 -0.06 0.00	22.93 -0.15 0.00	23.44 0.04 0.00	20.75 0.17 0.00	21.85 0.17 0.00	25.50 0.28 0.00	28.69 0.58 0.00	30.53 0.31 0.00	33.62 0.37 0.00	33.26 -0.20 0.00	38.99 -0.37 0.00	32.39 -0.44 0.00	29.47 -0.33 0.00	28.14 0.09 0.00	27.99 0.35 0.00	28.67 0.21 0.00	31.29 0.12 0.00	31.43 -0.13 0.00	42.41 0.23 0.00	29.82 0.51 0.00	29.73 0.76 0.00
VALLEY__115KV_TB 1-4 80826	28.19 0.07 0.00	25.50 -0.01 0.00	20.30 -0.06 0.00	22.67 -0.02 0.00	23.05 -0.02 0.00	23.37 -0.03 0.00	20.57 -0.01 0.00	21.66 -0.03 0.00	25.19 -0.03 0.00	28.07 -0.04 0.00	30.26 0.04 0.00	33.30 0.05 0.00	33.52 0.06 0.00	39.54 0.19 0.00	33.00 0.17 0.00	29.92 0.12 0.00	28.31 0.26 0.00	28.07 0.43 0.00	28.82 0.35 0.00	31.30 0.13 0.00	31.62 0.05 0.00	42.18 0.00 0.00	29.39 0.09 0.00	29.08 0.10 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.20 1.08 0.00	26.49 0.98 0.00	21.09 0.73 0.00	23.55 0.85 0.00	23.93 0.85 0.00	24.26 0.85 0.00	21.33 0.75 0.00	22.50 0.81 0.00	26.21 0.99 0.00	29.21 1.10 0.00	31.39 1.17 0.00	34.53 1.28 0.00	34.81 1.36 0.00	41.02 1.67 0.00	34.24 1.41 0.00	31.04 1.24 0.00	29.45 1.40 0.00	29.13 1.49 0.00	29.90 1.43 0.00	32.78 1.40 -0.21	33.26 1.32 -0.38	44.65 1.72 -0.75	30.78 1.17 -0.30	30.41 1.16 -0.28
VISCHER__FERRY HYD 24020	29.41 1.28 0.00	26.69 1.18 0.00	21.23 0.87 0.00	23.74 1.05 0.00	24.15 1.07 0.00	24.48 1.07 0.00	21.53 0.95 0.00	23.23 0.97 -0.58	26.96 1.12 -0.62	29.54 1.11 -0.32	32.00 1.28 -0.50	34.52 1.27 0.00	34.82 1.36 0.00	40.86 1.51 0.00	34.10 1.27 0.00	30.95 1.15 0.00	29.35 1.30 0.00	29.12 1.49 0.00	29.88 1.41 0.00	32.51 1.33 0.00	32.89 1.33 0.00	43.79 1.61 0.00	30.52 1.21 0.00	30.25 1.28 0.00
V_A_10_SYNC_DSASP 323832	27.98 -0.14 0.00	25.26 -0.25 0.00	20.00 -0.36 0.00	22.21 -0.49 0.00	22.49 -0.58 0.00	22.95 -0.45 0.00	20.27 -0.31 0.00	21.32 -0.37 0.00	24.73 -0.49 0.00	27.84 -0.27 0.00	29.66 -0.55 0.00	32.73 -0.52 0.00	32.58 -0.88 0.00	38.09 -1.26 0.00	31.67 -1.17 0.00	28.94 -0.86 0.00	27.54 -0.51 0.00	27.41 -0.23 0.00	28.23 -0.23 0.00	30.86 -0.32 0.00	31.02 -0.55 0.00	41.77 -0.41 0.00	29.22 -0.09 0.00	29.03 0.06 0.00
V_CMM_10_SYNC_DSASP 323787	27.96 -0.16 0.00	25.42 -0.09 0.00	20.36 0.01 0.00	22.69 0.00 0.00	23.13 0.05 0.00	23.44 0.04 0.00	20.58 0.00 0.00	21.71 0.02 0.00	25.24 0.03 0.00	28.09 -0.02 0.00	30.11 -0.11 0.00	33.16 -0.09 0.00	33.33 -0.13 0.00	39.10 -0.25 0.00	32.57 -0.26 0.00	29.56 -0.24 0.00	27.54 -0.51 0.00	26.93 -0.70 0.00	27.91 -0.56 0.00	30.79 -0.38 0.00	31.29 -0.27 0.00	42.04 -0.14 0.00	29.18 -0.13 0.00	28.73 -0.24 0.00
V_CMP_10_SYNC_DSASP 323788	28.60 0.48 0.00	25.92 0.42 0.00	20.78 0.42 0.00	23.22 0.53 0.00	23.68 0.60 0.00	24.00 0.60 0.00	21.18 0.60 0.00	22.64 0.95 0.00	26.22 1.01 0.00	29.05 0.94 0.00	31.35 1.13 0.00	34.18 0.93 0.00	34.20 0.75 0.00	40.15 0.80 0.00	33.44 0.61 0.00	30.45 0.65 0.00	28.33 0.28 0.00	27.93 0.30 0.00	28.92 0.45 0.00	31.67 0.50 0.00	32.32 0.76 0.00	43.31 1.14 0.00	30.09 0.78 0.00	29.60 0.63 0.00
V_E_10_SYNC_DSASP 323830	30.13 2.01 0.00	27.12 1.61 0.00	21.45 1.09 0.00	23.90 1.20 0.00	24.22 1.15 0.00	24.64 1.24 0.00	21.77 1.19 0.00	23.01 1.32 0.00	26.85 1.63 0.00	30.06 1.95 0.00	32.18 1.97 0.00	35.45 2.20 0.00	35.61 2.15 0.00	42.09 2.74 0.00	35.21 2.38 0.00	32.01 2.21 0.00	30.39 2.33 0.00	30.18 2.55 0.00	31.09 2.63 0.00	34.52 2.89 -0.45	35.25 2.86 -0.83	47.59 3.77 -1.64	32.20 2.25 -0.65	31.60 2.02 -0.62
V_F_30_NSYNC__DSASP 323816	29.84 1.72 0.00	27.03 1.53 0.00	21.48 1.12 0.00	24.02 1.32 0.00	24.42 1.34 0.00	24.77 1.36 0.00	21.81 1.24 0.00	23.56 1.32 -0.55	27.33 1.52 -0.59	30.01 1.60 -0.30	32.48 1.78 -0.48	35.09 1.84 0.00	35.36 1.90 0.00	41.48 2.13 0.00	34.62 1.79 0.00	31.50 1.70 0.00	29.88 1.83 0.00	29.63 2.00 0.00	30.45 1.98 0.00	33.11 1.94 0.00	33.56 2.00 0.00	44.68 2.50 0.00	31.09 1.79 0.00	30.79 1.82 0.00
V_F_30_SYNC_DSASP 323786	28.99 0.86 0.00	26.32 0.81 0.00	21.01 0.65 0.00	23.46 0.77 0.00	23.84 0.76 0.00	24.14 0.74 0.00	21.21 0.64 0.00	22.91 0.66 -0.57	26.59 0.77 -0.61	29.16 0.74 -0.31	31.60 0.90 -0.49	34.18 0.93 0.00	34.48 1.03 0.00	40.53 1.17 0.00	33.85 1.02 0.00	30.71 0.91 0.00	29.10 1.05 0.00	28.84 1.21 0.00	29.53 1.07 0.00	32.10 0.93 0.00	32.45 0.89 0.00	43.19 1.01 0.00	30.07 0.77 0.00	29.85 0.88 0.00
V_XM_10_SYNC_DSASP 323789	28.60 0.48 0.00	25.92 0.42 0.00	20.78 0.42 0.00	23.22 0.53 0.00	23.68 0.60 0.00	24.00 0.60 0.00	21.18 0.60 0.00	22.64 0.95 0.00	26.22 1.01 0.00	29.05 0.94 0.00	31.35 1.13 0.00	34.18 0.93 0.00	34.20 0.75 0.00	40.15 0.80 0.00	33.44 0.61 0.00	30.45 0.65 0.00	28.33 0.28 0.00	27.93 0.30 0.00	28.92 0.45 0.00	31.67 0.50 0.00	32.32 0.76 0.00	43.31 1.14 0.00	30.09 0.78 0.00	29.60 0.63 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.43 1.31 0.00	26.65 1.14 0.00	21.10 0.74 0.00	23.49 0.79 0.00	23.89 0.81 0.00	24.31 0.90 0.00	21.48 0.90 0.00	19.31 0.95 3.33	22.84 1.18 3.56	27.73 1.44 1.83	29.01 1.66 2.88	35.11 1.86 0.00	35.50 2.05 0.00	41.83 2.48 0.00	34.98 2.16 0.00	31.70 1.90 0.00	30.14 2.09 0.00	29.81 2.17 0.00	30.36 1.90 0.00	32.73 1.56 0.00	32.99 1.43 0.00	43.88 1.70 0.00	30.52 1.22 0.00	30.26 1.29 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.65 1.53 0.00	26.84 1.33 0.00	21.26 0.90 0.00	23.65 0.96 0.00	24.06 0.98 0.00	24.48 1.08 0.00	21.65 1.07 0.00	25.28 1.16 -2.43	29.27 1.45 -2.60	31.20 1.76 -1.33	34.30 1.98 -2.10	35.42 2.17 0.00	35.80 2.35 0.00	42.19 2.84 0.00	35.31 2.48 0.00	31.97 2.17 0.00	30.40 2.35 0.00	30.03 2.40 0.00	30.55 2.08 0.00	32.88 1.71 0.00	33.15 1.59 0.00	44.12 1.94 0.00	30.74 1.43 0.00	30.45 1.48 0.00
W50THST__13_KV_LOAD 356117	29.82 1.70 0.00	27.00 1.49 0.00	21.37 1.02 0.00	23.78 1.08 0.00	24.19 1.11 0.00	24.62 1.22 0.00	21.79 1.22 0.00	25.46 1.34 -2.43	29.49 1.68 -2.60	31.43 1.99 -1.33	34.54 2.22 -2.10	35.68 2.43 0.00	36.07 2.61 0.00	42.49 3.14 0.00	35.54 2.71 0.00	32.18 2.38 0.00	30.59 2.54 0.00	30.20 2.57 0.00	30.71 2.25 0.00	33.05 1.88 0.00	33.31 1.75 0.00	44.33 2.15 0.00	30.89 1.58 0.00	30.60 1.63 0.00
WADING RIVER_IC_1 23522	30.82 2.71 0.00	27.93 2.42 0.00	22.09 1.73 0.00	24.46 1.76 0.00	24.90 1.83 0.00	25.33 1.93 0.00	22.48 1.91 0.00	26.00 1.91 -2.41	30.25 2.46 -2.58	32.33 2.90 -1.32	43.26 3.42 -9.63	54.70 3.80 -17.65	100.63 3.95 -63.22	66.84 4.60 -22.89	42.00 3.74 -5.44	32.52 2.72 0.00	30.88 2.83 0.00	30.62 2.99 0.00	31.28 2.81 0.00	33.75 2.58 0.00	34.39 2.83 0.00	46.17 3.99 0.00	32.36 3.06 0.00	32.08 3.11 0.00
WADING RIVER_IC_2 23547	30.82 2.71 0.00	27.93 2.42 0.00	22.09 1.73 0.00	24.46 1.76 0.00	24.90 1.83 0.00	25.33 1.93 0.00	22.48 1.91 0.00	26.00 1.91 -2.41	30.25 2.46 -2.58	32.33 2.90 -1.32	43.26 3.42 -9.63	54.70 3.80 -17.65	100.63 3.95 -63.22	66.84 4.60 -22.89	42.00 3.74 -5.44	32.52 2.72 0.00	30.88 2.83 0.00	30.62 2.99 0.00	31.28 2.81 0.00	33.75 2.58 0.00	34.39 2.83 0.00	46.17 3.99 0.00	32.36 3.06 0.00	32.08 3.11 0.00
WADING RIVER_IC_3 23601	30.82 2.71 0.00	27.93 2.42 0.00	22.09 1.73 0.00	24.46 1.76 0.00	24.90 1.83 0.00	25.33 1.93 0.00	22.48 1.91 0.00	26.00 1.91 -2.41	30.25 2.46 -2.58	32.33 2.90 -1.32	43.26 3.42 -9.63	54.70 3.80 -17.65	100.63 3.95 -63.22	66.84 4.60 -22.89	42.00 3.74 -5.44	32.52 2.72 0.00	30.88 2.83 0.00	30.62 2.99 0.00	31.28 2.81 0.00	33.75 2.58 0.00	34.39 2.83 0.00	46.17 3.99 0.00	32.36 3.06 0.00	32.08 3.11 0.00
WALDENNY_I2_KV_BK2 80841	28.51 0.39 0.00	25.68 0.17 0.00	20.27 -0.09 0.00	22.53 -0.16 0.00	22.79 -0.28 0.00	23.28 -0.12 0.00	20.55 -0.02 0.00	21.62 -0.07 0.00	25.14 -0.08 0.00	28.34 0.23 0.00	30.25 0.03 0.00	33.49 0.24 0.00	33.30 -0.16 0.00	38.97 -0.39 0.00	32.40 -0.43 0.00	29.65 -0.15 0.00	28.26 0.21 0.00	28.15 0.52 0.00	28.95 0.49 0.00	31.59 0.42 0.00	31.71 0.14 0.00	42.70 0.52 0.00	29.87 0.56 0.00	29.63 0.66 0.00
WALDEN__HYDRO 24148	29.67 1.55 0.00	26.85 1.34 0.00	21.28 0.92 0.00	23.69 0.99 0.00	24.09 1.01 0.00	24.48 1.08 0.00	21.61 1.03 0.00	22.79 1.10 0.00	26.53 1.32 0.00	29.62 1.51 0.00	31.93 1.71 0.00	35.17 1.92 0.00	35.49 2.03 0.00	41.81 2.45 0.00	34.86 2.03 0.00	31.60 1.80 0.00	30.06 2.01 0.00	29.82 2.19 0.00	30.40 1.93 0.00	32.88 1.71 0.00	33.23 1.67 0.00	44.22 2.05 0.00	30.74 1.43 0.00	30.42 1.45 0.00
WARRENSBURG____ 23737	29.87 1.75 0.00	26.96 1.45 0.00	21.38 1.02 0.00	23.92 1.22 0.00	24.35 1.27 0.00	24.70 1.30 0.00	21.78 1.21 0.00	23.57 1.34 -0.54	27.35 1.55 -0.58	30.01 1.60 -0.30	32.38 1.70 -0.47	35.00 1.75 0.00	35.22 1.76 0.00	41.15 1.79 0.00	34.34 1.51 0.00	31.36 1.56 0.00	29.73 1.68 0.00	29.50 1.87 0.00	30.44 1.97 0.00	33.03 1.86 0.00	33.71 2.15 0.00	44.86 2.68 0.00	31.21 1.91 0.00	30.91 1.94 0.00
WATERSIDE____6 8 9 23538	29.63 1.51 0.00	26.83 1.32 0.00	21.26 0.89 0.00	23.64 0.94 0.00	24.05 0.97 0.00	24.48 1.08 0.00	21.66 1.08 0.00	25.27 1.16 -2.43	29.26 1.44 -2.60	31.23 1.79 -1.33	34.38 2.06 -2.10	35.54 2.29 -0.01	35.93 2.46 -0.01	42.31 2.95 0.00	35.35 2.53 0.00	31.96 2.20 0.04	30.43 2.38 0.01	30.08 2.45 0.00	30.60 2.14 0.00	32.95 1.77 0.00	33.23 1.67 0.00	44.24 2.06 0.00	30.84 1.53 0.00	30.54 1.57 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.17 0.05 0.00	25.50 -0.01 0.00	20.31 -0.05 0.00	22.69 -0.01 0.00	23.05 -0.03 0.00	23.38 -0.02 0.00	20.57 -0.01 0.00	21.66 -0.03 0.00	25.20 -0.02 0.00	28.05 -0.06 0.00	30.19 -0.03 0.00	33.21 -0.04 0.00	33.45 -0.01 0.00	39.43 0.07 0.00	32.90 0.07 0.00	29.84 0.05 0.00	28.23 0.18 0.00	27.94 0.30 0.00	28.71 0.25 0.00	31.30 0.13 0.00	31.64 0.07 0.00	42.21 0.03 0.00	29.36 0.06 0.00	29.03 0.06 0.00
WATSON__69_KV_BK 1 55734	30.77 2.65 0.00	27.87 2.37 0.00	22.04 1.68 0.00	24.44 1.74 0.00	24.86 1.79 0.00	25.31 1.91 0.00	22.40 1.82 0.00	26.01 1.91 -2.41	30.25 2.46 -2.58	32.37 2.95 -1.32	43.31 3.46 -9.63	49.80 3.80 -12.74	76.77 3.93 -39.38	56.43 4.67 -12.40	42.12 3.88 -5.41	32.62 2.83 0.00	31.05 3.00 0.00	30.78 3.15 0.00	31.39 2.93 0.00	33.79 2.61 0.00	34.27 2.71 0.00	45.99 3.81 0.00	32.15 2.85 0.00	31.88 2.91 0.00
WDELAWARE__HYD 323627	29.10 0.98 0.00	26.34 0.83 0.00	20.87 0.51 0.00	23.22 0.52 0.00	23.62 0.54 0.00	23.99 0.58 0.00	21.17 0.60 0.00	22.32 0.63 0.00	25.95 0.73 0.00	28.91 0.80 0.00	31.14 0.92 0.00	34.33 1.08 0.00	34.71 1.25 0.00	40.85 1.50 0.00	33.31 0.48 0.00	30.19 0.39 0.00	28.94 0.89 0.00	28.76 1.13 0.00	29.40 0.93 0.00	31.89 0.72 0.00	32.79 1.23 0.00	43.59 1.41 0.00	30.24 0.94 0.00	29.89 0.92 0.00
WEST BABYLON__IC 23714	30.59 2.47 0.00	27.72 2.21 0.00	21.93 1.57 0.00	24.32 1.62 0.00	24.74 1.67 0.00	25.18 1.78 0.00	22.28 1.70 0.00	25.87 1.78 -2.41	30.07 2.28 -2.58	32.18 2.75 -1.32	43.09 3.24 -9.63	45.75 3.49 -9.01	58.31 3.62 -21.23	48.09 4.31 -4.42	41.78 3.58 -5.37	32.45 2.65 0.00	30.88 2.83 0.00	30.60 2.97 0.00	31.17 2.70 0.00	33.59 2.42 0.00	34.07 2.51 0.00	45.70 3.52 0.00	31.93 2.62 0.00	31.64 2.67 0.00
WEST CANADA__HYD 24049	28.15 0.03 0.00	25.51 0.01 0.00	20.36 0.00 0.00	22.70 0.00 0.00	23.05 -0.02 0.00	23.38 -0.02 0.00	20.57 -0.01 0.00	21.69 0.00 0.00	25.22 0.00 0.00	28.11 0.00 0.00	30.25 0.03 0.00	33.28 0.03 0.00	33.49 0.03 0.00	39.41 0.05 0.00	32.88 0.05 0.00	29.84 0.04 0.00	28.15 0.10 0.00	27.77 0.14 0.00	28.58 0.11 0.00	31.23 0.06 0.00	31.60 0.04 0.00	42.20 0.02 0.00	29.32 0.01 0.00	28.99 0.02 0.00

WESTERN_NY_WIND 24143	28.76 0.64 0.00	25.93 0.43 0.00	20.50 0.14 0.00	22.77 0.07 0.00	23.05 -0.03 0.00	23.56 0.15 0.00	20.79 0.21 0.00	21.91 0.22 0.00	25.43 0.21 0.00	28.75 0.64 0.00	30.65 0.42 0.00	33.81 0.56 0.00	33.68 0.22 0.00	39.30 -0.05 0.00	32.79 -0.04 0.00	29.97 0.17 0.00	28.42 0.37 0.00	28.34 0.71 0.00	29.29 0.82 0.00	32.04 0.87 0.00	32.22 0.66 0.00	43.39 1.21 0.00	30.25 0.95 0.00	30.02 1.05 0.00
WESTOVER___LESR 323668	28.48 0.36 0.00	25.72 0.22 0.00	20.40 0.04 0.00	22.80 0.11 0.00	23.14 0.07 0.00	23.53 0.13 0.00	20.75 0.18 0.00	21.87 0.18 0.00	25.46 0.24 0.00	28.46 0.35 0.00	30.59 0.37 0.00	33.65 0.40 0.00	33.76 0.30 0.00	39.83 0.48 0.00	33.19 0.36 0.00	30.17 0.37 0.00	28.62 0.58 0.00	28.35 0.72 0.00	29.05 0.59 0.00	32.14 0.55 -0.42	32.76 0.42 -0.77	44.33 0.63 -1.52	30.37 0.46 -0.60	30.04 0.50 -0.57
WETHRSFD_WT_PWR 323626	28.29 0.17 0.00	25.51 0.01 0.00	20.14 -0.22 0.00	22.42 -0.28 0.00	22.67 -0.41 0.00	23.10 -0.30 0.00	20.26 -0.32 0.00	21.34 -0.35 0.00	24.92 -0.30 0.00	28.00 -0.10 0.00	30.10 -0.12 0.00	33.30 0.05 0.00	33.22 -0.24 0.00	38.99 -0.37 0.00	32.45 -0.38 0.00	29.58 -0.21 0.00	28.14 0.09 0.00	28.00 0.37 0.00	28.76 0.29 0.00	31.42 0.25 0.00	31.52 -0.04 0.00	42.35 0.17 0.00	29.54 0.24 0.00	29.38 0.41 0.00
WHAVSTOR_138KV_BK127 55557	29.29 1.17 0.00	26.52 1.02 0.00	21.01 0.64 0.00	23.38 0.69 0.00	23.79 0.71 0.00	24.20 0.80 0.00	21.38 0.80 0.00	19.16 0.84 3.37	22.66 1.05 3.60	27.54 1.28 1.85	28.79 1.48 2.91	34.90 1.65 0.00	35.27 1.82 0.00	41.56 2.21 0.00	34.75 1.92 0.00	31.47 1.68 0.00	29.94 1.89 0.00	29.61 1.98 0.00	30.17 1.70 0.00	32.52 1.35 0.00	32.79 1.23 0.00	43.63 1.45 0.00	30.36 1.05 0.00	30.09 1.12 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.29 1.17 0.00	26.52 1.02 0.00	21.01 0.64 0.00	23.38 0.69 0.00	23.79 0.71 0.00	24.20 0.80 0.00	21.38 0.80 0.00	19.16 0.84 3.37	22.66 1.05 3.60	27.54 1.28 1.85	28.79 1.48 2.91	34.90 1.65 0.00	35.27 1.82 0.00	41.56 2.21 0.00	34.75 1.92 0.00	31.47 1.68 0.00	29.94 1.89 0.00	29.61 1.98 0.00	30.17 1.70 0.00	32.52 1.35 0.00	32.79 1.23 0.00	43.63 1.45 0.00	30.36 1.05 0.00	30.09 1.12 0.00
WHITEHAL_115KV_TB1 80871	30.91 2.78 0.00	27.59 2.08 0.00	21.69 1.33 0.00	24.36 1.66 0.00	24.87 1.79 0.00	25.24 1.84 0.00	22.38 1.80 0.00	24.35 2.12 -0.55	28.19 2.38 -0.58	30.78 2.37 -0.30	33.37 2.68 -0.47	36.07 2.82 0.00	36.22 2.76 0.00	42.31 2.95 0.00	35.14 2.31 0.00	32.64 2.84 0.00	30.92 2.87 0.00	30.84 3.21 0.00	31.57 3.10 0.00	33.98 2.81 0.00	34.54 2.98 0.00	45.99 3.81 0.00	32.13 2.83 0.00	31.96 2.99 0.00
WHITEPLN_13_KV_LOAD 356215	29.73 1.61 0.00	26.92 1.41 0.00	21.32 0.96 0.00	23.73 1.03 0.00	24.13 1.06 0.00	24.55 1.15 0.00	21.70 1.12 0.00	25.47 1.20 -2.58	29.49 1.51 -2.76	31.46 1.94 -1.42	34.65 2.21 -2.23	35.70 2.45 0.00	36.09 2.63 0.00	42.55 3.20 0.00	35.58 2.74 0.00	32.24 2.44 0.00	30.52 2.47 0.00	30.16 2.53 0.00	30.68 2.21 0.00	33.04 1.86 0.00	33.30 1.74 0.00	44.31 2.13 0.00	30.85 1.54 0.00	30.56 1.59 0.00
WM_FLOYD_69_KV_BK2 356380	30.72 2.60 0.00	27.84 2.33 0.00	22.03 1.67 0.00	24.40 1.71 0.00	24.83 1.75 0.00	25.27 1.87 0.00	22.39 1.81 0.00	25.93 1.84 -2.41	30.18 2.38 -2.58	32.26 2.83 -1.32	43.18 3.34 -9.63	54.74 3.69 -17.80	101.27 3.83 -63.98	67.11 4.53 -23.22	42.02 3.75 -5.44	32.54 2.74 0.00	30.93 2.89 0.00	30.67 3.03 0.00	31.30 2.83 0.00	33.72 2.54 0.00	34.26 2.70 0.00	45.96 3.78 0.00	32.17 2.87 0.00	31.95 2.98 0.00
WOODARD___115KV_TB2 355635	27.74 -0.38 0.00	25.11 -0.40 0.00	20.00 -0.36 0.00	22.26 -0.43 0.00	22.64 -0.44 0.00	22.98 -0.42 0.00	20.25 -0.32 0.00	21.34 -0.35 0.00	24.79 -0.44 0.00	27.70 -0.41 0.00	29.80 -0.42 0.00	32.81 -0.44 0.00	32.99 -0.47 0.00	38.86 -0.50 0.00	32.42 -0.41 0.00	29.47 -0.32 0.00	27.86 -0.19 0.00	27.55 -0.08 0.00	28.36 -0.10 0.00	31.72 -0.20 -0.75	32.68 -0.26 -1.38	44.55 -0.34 -2.71	30.11 -0.28 -1.08	29.72 -0.27 -1.02
YORK___WARBASSE 23770	29.80 1.67 0.00	26.97 1.46 0.00	21.35 0.99 0.00	23.74 1.05 0.00	24.16 1.08 0.00	24.59 1.19 0.00	21.76 1.18 0.00	25.37 1.25 -2.43	29.37 1.56 -2.60	31.34 1.90 -1.33	34.48 2.17 -2.10	35.69 2.43 -0.01	36.10 2.63 -0.01	42.54 3.19 0.00	35.53 2.70 0.00	32.36 2.35 -0.22	30.59 2.51 -0.03	30.23 2.59 -0.01	30.76 2.28 -0.01	33.11 1.94 0.00	33.40 1.83 -0.01	44.44 2.26 0.00	31.01 1.70 -0.01	30.70 1.73 0.00