

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

09/09/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	17.21	16.00	20.68	21.13	20.19	21.91	24.07	32.83	24.11	20.99	23.54	25.00	27.73	28.40	27.11	26.32	34.28	47.55	30.19	26.83	24.35	27.26	30.01	27.47
24138	0.74	0.50	0.03	0.04	0.24	0.85	1.00	1.56	1.20	1.15	1.35	1.40	1.56	1.67	1.64	1.72	2.28	3.04	2.07	1.77	1.47	1.31	1.33	1.08
	0.00	-3.72	-19.72	-19.91	-13.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	17.26	16.03	20.69	21.13	20.21	21.99	24.14	32.91	24.18	21.02	23.56	25.05	27.78	28.43	27.16	26.36	34.34	47.62	30.22	26.87	24.39	27.32	30.08	27.55
24260	0.79	0.54	0.04	0.05	0.27	0.92	1.07	1.65	1.27	1.18	1.38	1.45	1.61	1.70	1.69	1.76	2.34	3.12	2.10	1.80	1.51	1.37	1.40	1.16
	0.00	-3.72	-19.72	-19.91	-13.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	17.26	16.03	20.69	21.13	20.21	21.99	24.14	32.91	24.18	21.02	23.56	25.05	27.78	28.43	27.16	26.36	34.34	47.62	30.22	26.87	24.39	27.32	30.08	27.55
24261	0.79	0.54	0.04	0.05	0.27	0.92	1.07	1.65	1.27	1.18	1.38	1.45	1.61	1.70	1.69	1.76	2.34	3.12	2.10	1.80	1.51	1.37	1.40	1.16
	0.00	-3.72	-19.72	-19.91	-13.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	17.54	17.15	25.45	25.95	23.60	22.51	24.88	33.85	24.57	21.17	23.38	24.84	27.62	28.31	26.85	26.13	34.46	48.01	30.49	27.21	24.87	27.97	30.79	28.26
24011	1.08	0.76	0.06	0.08	0.44	1.45	1.81	2.58	1.66	1.33	1.20	1.24	1.45	1.58	1.38	1.54	2.46	3.50	2.37	2.14	1.98	2.02	2.11	1.86
	0.00	-4.62	-24.47	-24.70	-16.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	17.60	17.19	25.47	25.98	23.64	22.66	25.11	34.14	24.73	21.28	23.50	24.93	27.71	28.41	26.95	26.32	34.77	48.33	30.66	27.35	25.01	28.18	31.01	28.45
23798	1.13	0.80	0.06	0.08	0.47	1.59	2.04	2.87	1.82	1.44	1.31	1.33	1.54	1.68	1.48	1.73	2.77	3.82	2.54	2.28	2.13	2.23	2.33	2.05
	0.00	-4.62	-24.48	-24.72	-16.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	17.54	17.15	25.45	25.95	23.60	22.51	24.88	33.85	2															

ALBANY___2 23572	16.87 0.41 0.00	16.56 0.29 -4.50	24.77 0.02 -23.83	25.25 0.02 -24.05	22.85 0.12 -16.17	21.42 0.36 0.00	23.32 0.25 0.00	31.64 0.37 0.00	23.21 0.30 0.00	20.11 0.27 0.00	22.41 0.23 0.00	23.83 0.23 0.00	26.31 0.14 0.00	26.94 0.21 0.00	25.62 0.15 0.00	24.78 0.18 0.00	32.58 0.58 0.00	45.67 1.16 0.00	28.74 0.62 0.00	25.56 0.49 0.00	23.30 0.41 0.00	26.21 0.26 0.00	28.86 0.18 0.00	26.53 0.14 0.00
ALBANY___3 23573	16.87 0.41 0.00	16.56 0.29 -4.50	24.77 0.02 -23.83	25.25 0.02 -24.05	22.85 0.12 -16.17	21.42 0.36 0.00	23.32 0.25 0.00	31.64 0.37 0.00	23.21 0.30 0.00	20.11 0.27 0.00	22.41 0.23 0.00	23.83 0.23 0.00	26.31 0.14 0.00	26.94 0.21 0.00	25.62 0.15 0.00	24.78 0.18 0.00	32.58 0.58 0.00	45.67 1.16 0.00	28.74 0.62 0.00	25.56 0.49 0.00	23.30 0.41 0.00	26.21 0.26 0.00	28.86 0.18 0.00	26.53 0.14 0.00
ALBANY___4 23574	16.87 0.41 0.00	16.56 0.29 -4.50	24.77 0.02 -23.83	25.25 0.02 -24.05	22.85 0.12 -16.17	21.42 0.36 0.00	23.32 0.25 0.00	31.64 0.37 0.00	23.21 0.30 0.00	20.11 0.27 0.00	22.41 0.23 0.00	23.83 0.23 0.00	26.31 0.14 0.00	26.94 0.21 0.00	25.62 0.15 0.00	24.78 0.18 0.00	32.58 0.58 0.00	45.67 1.16 0.00	28.74 0.62 0.00	25.56 0.49 0.00	23.30 0.41 0.00	26.21 0.26 0.00	28.86 0.18 0.00	26.53 0.14 0.00
ALBANY___LFGE 323615	17.00 0.53 0.00	16.68 0.38 -4.53	24.95 0.02 -24.01	25.44 0.03 -24.23	23.03 0.18 -16.30	21.60 0.54 0.00	23.55 0.48 0.00	31.98 0.71 0.00	23.45 0.54 0.00	20.31 0.47 0.00	22.64 0.45 0.00	24.07 0.48 0.00	26.62 0.44 0.00	27.26 0.53 0.00	25.92 0.45 0.00	25.06 0.46 0.00	32.96 0.95 0.00	46.16 1.65 0.00	29.06 0.94 0.00	25.87 0.81 0.00	23.57 0.69 0.00	26.51 0.56 0.00	29.19 0.51 0.00	26.83 0.43 0.00
ALCOA_PA_115KV_PL-6C 55860	16.49 0.02 0.00	11.79 0.02 0.00	0.93 0.01 0.00	1.18 0.01 0.00	6.58 0.03 0.00	21.17 0.10 0.00	23.25 0.18 0.00	31.35 0.08 0.00	22.94 0.03 0.00	19.81 -0.03 0.00	22.14 -0.05 0.00	23.48 -0.12 0.00	26.02 -0.16 0.00	26.43 -0.30 0.00	25.10 -0.37 0.00	24.25 -0.35 0.00	31.37 -0.64 0.00	43.66 -0.85 0.00	27.59 -0.53 0.00	24.56 -0.51 0.00	22.53 -0.35 0.00	25.86 -0.10 0.00	28.67 -0.02 0.00	26.47 0.08 0.00
ALCOA_RYNLDS___DRP 24188	16.49 0.02 0.00	11.79 0.02 0.00	0.93 0.01 0.00	1.18 0.01 0.00	6.58 0.03 0.00	21.17 0.10 0.00	23.25 0.18 0.00	31.35 0.08 0.00	22.94 0.03 0.00	19.81 -0.03 0.00	22.14 -0.05 0.00	23.48 -0.12 0.00	26.02 -0.16 0.00	26.43 -0.30 0.00	25.10 -0.37 0.00	24.25 -0.35 0.00	31.37 -0.64 0.00	43.66 -0.85 0.00	27.59 -0.53 0.00	24.56 -0.51 0.00	22.53 -0.35 0.00	25.86 -0.10 0.00	28.67 -0.02 0.00	26.47 0.08 0.00
ALCOA___DSASP 323711	16.49 0.02 0.00	11.79 0.02 0.00	0.93 0.01 0.00	1.18 0.01 0.00	6.59 0.03 0.00	21.17 0.11 0.00	23.25 0.18 0.00	31.35 0.08 0.00	22.94 0.03 0.00	19.81 -0.03 0.00	22.14 -0.05 0.00	23.48 -0.12 0.00	26.02 -0.16 0.00	26.43 -0.30 0.00	25.10 -0.37 0.00	24.25 -0.35 0.00	31.37 -0.64 0.00	43.65 -0.86 0.00	27.59 -0.53 0.00	24.56 -0.51 0.00	22.53 -0.35 0.00	25.86 -0.10 0.00	28.67 -0.02 0.00	26.47 0.08 0.00
ALLEGHENY___COGEN 23514	9.26 -0.82 6.38	10.17 -0.62 0.97	2.80 -0.05 -1.93	3.11 -0.06 -1.99	6.02 -0.31 0.22	19.18 -0.74 1.14	22.44 -0.63 0.00	29.88 -0.61 0.78	22.42 -0.49 0.01	19.29 -0.55 0.00	21.47 -0.71 0.00	23.26 -0.33 0.00	26.30 0.13 0.00	26.47 -0.26 0.00	25.25 -0.22 0.00	24.14 -0.45 0.01	31.79 -0.21 0.00	44.87 0.61 0.25	28.47 0.35 0.00	25.50 0.43 0.00	22.94 0.05 0.00	25.98 0.03 0.00	29.00 0.32 0.00	26.78 0.38 0.00
ALTAMONT_115KV_TB 2 55880	16.90 0.43 0.00	16.58 0.31 -4.50	24.79 0.02 -23.85	25.27 0.03 -24.07	22.89 0.15 -16.19	21.53 0.46 0.00	23.56 0.49 0.00	32.04 0.77 0.00	23.43 0.51 0.00	20.27 0.43 0.00	22.61 0.43 0.00	24.05 0.45 0.00	26.66 0.48 0.00	27.27 0.54 0.00	25.95 0.48 0.00	25.10 0.51 0.00	32.88 0.88 0.00	45.87 1.36 0.00	29.00 0.88 0.00	25.84 0.77 0.00	23.56 0.67 0.00	26.55 0.60 0.00	29.27 0.59 0.00	26.89 0.50 0.00
ALTONA_WT_PWR 323606	-21.08 -0.62 36.93	-21.07 -0.42 32.42	-4.14 0.00 5.06	-8.35 -0.04 9.49	2.57 -0.20 3.78	20.46 -0.60 0.00	22.69 -0.38 0.00	30.67 -0.59 0.00	22.42 -0.49 0.00	19.34 -0.50 0.00	21.51 -0.67 0.00	22.55 -1.05 0.00	24.93 -1.25 0.00	25.62 -1.11 0.00	24.54 -0.93 0.00	23.77 -0.82 0.00	30.78 -1.23 0.00	43.15 -1.36 0.00	27.64 -0.49 0.00	24.64 -0.43 0.00	22.44 -0.45 0.00	25.66 -0.29 0.00	28.38 -0.29 0.00	26.13 -0.27 0.00
AMERICAN_REF_FUEL 24010	9.93 -2.18 4.36	9.56 -1.66 0.55	2.74 -0.13 -1.94	3.02 -0.15 -1.99	5.97 -0.86 -0.28	17.63 -2.66 0.78	20.23 -2.84 0.00	26.74 -3.62 0.91	20.52 -2.38 0.01	17.89 -1.95 0.00	20.21 -1.98 0.00	21.85 -1.74 0.01	24.61 -1.56 0.00	25.13 -1.60 0.01	23.91 -1.56 0.00	22.71 -1.88 0.02	29.75 -2.26 0.00	40.89 -3.33 0.30	25.72 -2.40 0.00	23.00 -2.06 0.00	20.63 -2.26 0.00	23.69 -2.27 0.00	26.73 -1.95 0.00	24.79 -1.60 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	9.02 -1.89 5.56	9.63 -1.37 0.78	2.88 -0.11 -2.06	3.18 -0.11 -2.12	6.01 -0.62 -0.07	18.27 -1.81 0.99	21.10 -1.97 0.00	27.99 -2.45 0.83	21.22 -1.68 0.01	18.54 -1.30 0.00	21.05 -1.14 0.00	22.90 -0.70 0.00	25.74 -0.44 0.00	26.41 -0.32 0.00	25.06 -0.42 0.00	23.48 -1.10 0.01	30.83 -1.16 0.00	42.70 -1.54 0.27	26.93 -1.19 0.00	24.31 -0.76 0.00	21.68 -1.20 0.00	24.69 -1.26 0.00	27.93 -0.75 0.00	26.04 -0.36 0.00
ARTHUR KILL_GT_1 23520	17.17 0.70 0.00	15.99 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.90 0.84 0.00	24.04 0.97 0.00	32.76 1.48 -0.01	24.04 1.12 -0.01	20.87 1.02 -0.01	23.40 1.21 0.00	25.90 1.26 -1.04	33.10 1.37 -5.56	38.70 1.52 -10.45	34.28 1.53 -7.28	38.66 1.62 -12.44	41.62 2.08 -7.54	47.11 2.61 0.00	38.75 1.96 -8.67	39.28 1.70 -12.51	39.33 1.43 -15.02	39.92 1.25 -12.72	39.45 1.31 -9.46	35.36 1.08 -7.89
ARTHUR_KILL_2 23512	17.13 0.66 0.00	15.96 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.85 0.79 0.00	23.98 0.91 0.00	32.67 1.40 -0.01	23.98 1.06 -0.01	20.82 0.97 -0.01	23.36 1.17 0.00	25.84 1.20 -1.04	33.03 1.30 -5.56	38.63 1.45 -10.45	34.22 1.46 -7.28	38.59 1.55 -12.44	41.53 1.99 -7.54	46.98 2.48 0.00	38.66 1.87 -8.67	39.20 1.62 -12.51	39.25 1.35 -15.02	39.83 1.16 -12.72	39.36 1.22 -9.46	35.28 1.00 -7.89
ARTHUR_KILL_3 23513	17.11 0.64 0.00	15.93 0.44 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.16 0.21 -13.39	21.80 0.74 0.00	23.93 0.86 0.00	32.59 1.32 -0.01	23.94 1.02 -0.01	20.80 0.95 0.00	23.32 1.13 0.00	25.81 1.17 -1.04	33.04 1.31 -5.55	38.75 1.37 -10.65	34.39 1.39 -7.53	38.90 1.46 -12.83	41.71 1.91 -7.80	47.00 2.49 0.00	38.52 1.73 -8.68	39.07 1.48 -12.52	39.14 1.24 -15.02	39.73 1.06 -12.71	39.23 1.09 -9.45	33.99 0.92 -6.68

ARTHUR_KILL_COGEN 323718	17.17 0.70 0.00	15.99 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.90 0.84 0.00	24.04 0.97 0.00	32.76 1.48 -0.01	24.04 1.12 -0.01	20.87 1.02 -0.01	23.40 1.21 0.00	25.90 1.26 -1.04	33.10 1.37 -5.56	38.70 1.52 -10.45	34.28 1.53 -7.28	38.66 1.62 -12.44	41.62 2.08 -7.54	47.11 2.61 0.00	38.75 1.96 -8.67	39.28 1.70 -12.51	39.33 1.43 -15.02	39.92 1.25 -12.72	39.45 1.31 -9.46	35.36 1.08 -7.89
ASHOKAN____ 23654	17.20 0.73 0.00	16.35 0.49 -4.08	22.59 0.02 -21.64	23.06 0.03 -21.85	21.45 0.21 -14.69	21.89 0.83 0.00	24.01 0.94 0.00	32.74 1.47 0.00	23.94 1.03 0.00	20.70 0.85 0.00	22.91 0.73 0.00	24.33 0.74 0.00	26.90 0.72 0.00	27.68 0.95 0.00	26.40 0.92 0.00	25.60 1.01 0.00	33.53 1.53 0.00	47.18 2.67 0.00	29.91 1.79 0.00	26.71 1.64 0.00	24.27 1.39 0.00	27.21 1.26 0.00	29.90 1.22 0.00	27.40 1.01 0.00
ASTORIA_EAST_ENERGY_CC1 323581	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.88 0.81 0.00	24.00 0.93 0.00	32.68 1.41 0.00	24.05 1.14 0.00	20.85 1.00 -0.01	23.47 1.28 0.00	24.89 1.30 0.00	27.63 1.46 0.00	28.23 1.49 -0.01	26.98 1.50 -0.01	26.19 1.59 -0.01	34.08 2.07 -0.01	47.18 2.67 0.00	30.02 1.90 0.00	26.75 1.68 0.00	24.29 1.41 0.00	27.13 1.18 0.00	29.90 1.22 0.00	27.40 1.00 0.00
ASTORIA_EAST_ENERGY_CC2 323582	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.88 0.81 0.00	24.00 0.93 0.00	32.68 1.41 0.00	24.05 1.14 0.00	20.85 1.00 -0.01	23.47 1.28 0.00	24.90 1.30 0.00	27.63 1.46 0.00	28.23 1.49 -0.01	26.98 1.50 -0.01	26.19 1.59 -0.01	34.08 2.07 -0.01	47.18 2.67 0.00	30.02 1.90 0.00	26.75 1.68 0.00	24.29 1.41 0.00	27.13 1.18 0.00	29.90 1.22 0.00	27.40 1.00 0.00
ASTORIA_GT2_1 24094	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.89 0.82 0.00	24.01 0.94 0.00	32.70 1.44 0.00	24.06 1.15 0.00	20.86 1.01 -0.01	23.44 1.25 0.00	24.89 1.30 0.00	27.65 1.48 0.00	28.24 1.50 -0.01	27.00 1.52 -0.01	26.20 1.59 -0.01	34.09 2.09 -0.01	47.21 2.70 0.00	30.04 1.92 0.00	26.76 1.69 0.00	24.29 1.41 0.00	27.14 1.19 0.00	29.92 1.24 0.00	27.42 1.02 0.00
ASTORIA_GT2_2 24095	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.89 0.82 0.00	24.01 0.94 0.00	32.70 1.44 0.00	24.06 1.15 0.00	20.86 1.01 -0.01	23.44 1.25 0.00	24.89 1.30 0.00	27.65 1.48 0.00	28.24 1.50 -0.01	27.00 1.52 -0.01	26.20 1.59 -0.01	34.09 2.09 -0.01	47.21 2.70 0.00	30.04 1.92 0.00	26.76 1.69 0.00	24.29 1.41 0.00	27.14 1.19 0.00	29.92 1.24 0.00	27.42 1.02 0.00
ASTORIA_GT2_3 24096	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.89 0.82 0.00	24.01 0.94 0.00	32.70 1.44 0.00	24.06 1.15 0.00	20.86 1.01 -0.01	23.44 1.25 0.00	24.89 1.30 0.00	27.65 1.48 0.00	28.24 1.50 -0.01	27.00 1.52 -0.01	26.20 1.59 -0.01	34.09 2.09 -0.01	47.21 2.70 0.00	30.04 1.92 0.00	26.76 1.69 0.00	24.29 1.41 0.00	27.14 1.19 0.00	29.92 1.24 0.00	27.42 1.02 0.00
ASTORIA_GT2_4 24097	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.89 0.82 0.00	24.01 0.94 0.00	32.70 1.44 0.00	24.06 1.15 0.00	20.86 1.01 -0.01	23.44 1.25 0.00	24.89 1.30 0.00	27.65 1.48 0.00	28.24 1.50 -0.01	27.00 1.52 -0.01	26.20 1.59 -0.01	34.09 2.09 -0.01	47.21 2.70 0.00	30.04 1.92 0.00	26.76 1.69 0.00	24.29 1.41 0.00	27.14 1.19 0.00	29.92 1.24 0.00	27.42 1.02 0.00
ASTORIA_GT3_1 24098	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.89 0.82 0.00	24.01 0.94 0.00	32.70 1.44 0.00	24.06 1.15 0.00	20.86 1.01 -0.01	23.44 1.25 0.00	24.89 1.30 0.00	27.65 1.48 0.00	28.24 1.50 -0.01	27.00 1.52 -0.01	26.20 1.59 -0.01	34.09 2.09 -0.01	47.21 2.70 0.00	30.04 1.92 0.00	26.76 1.69 0.00	24.29 1.41 0.00	27.14 1.19 0.00	29.92 1.24 0.00	27.42 1.02 0.00
ASTORIA_GT3_2 24099	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.89 0.82 0.00	24.01 0.94 0.00	32.70 1.44 0.00	24.06 1.15 0.00	20.86 1.01 -0.01	23.44 1.25 0.00	24.89 1.30 0.00	27.65 1.48 0.00	28.24 1.50 -0.01	27.00 1.52 -0.01	26.20 1.59 -0.01	34.09 2.09 -0.01	47.21 2.70 0.00	30.04 1.92 0.00	26.76 1.69 0.00	24.29 1.41 0.00	27.14 1.19 0.00	29.92 1.24 0.00	27.42 1.02 0.00
ASTORIA_GT3_3 24100	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.89 0.82 0.00	24.01 0.94 0.00	32.70 1.44 0.00	24.06 1.15 0.00	20.86 1.01 -0.01	23.44 1.25 0.00	24.89 1.30 0.00	27.65 1.48 0.00	28.24 1.50 -0.01	27.00 1.52 -0.01	26.20 1.59 -0.01	34.09 2.09 -0.01	47.21 2.70 0.00	30.04 1.92 0.00	26.76 1.69 0.00	24.29 1.41 0.00	27.14 1.19 0.00	29.92 1.24 0.00	27.42 1.02 0.00
ASTORIA_GT3_4 24101	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.89 0.82 0.00	24.01 0.94 0.00	32.70 1.44 0.00	24.06 1.15 0.00	20.86 1.01 -0.01	23.44 1.25 0.00	24.89 1.30 0.00	27.65 1.48 0.00	28.24 1.50 -0.01	27.00 1.52 -0.01	26.20 1.59 -0.01	34.09 2.09 -0.01	47.21 2.70 0.00	30.04 1.92 0.00	26.76 1.69 0.00	24.29 1.41 0.00	27.14 1.19 0.00	29.92 1.24 0.00	27.42 1.02 0.00
ASTORIA_GT4_1 24102	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.89 0.82 0.00	24.01 0.94 0.00	32.70 1.44 0.00	24.06 1.15 0.00	20.86 1.01 -0.01	23.44 1.25 0.00	24.89 1.30 0.00	27.65 1.48 0.00	28.24 1.50 -0.01	27.00 1.52 -0.01	26.20 1.59 -0.01	34.09 2.09 -0.01	47.21 2.70 0.00	30.04 1.92 0.00	26.76 1.69 0.00	24.29 1.41 0.00	27.14 1.19 0.00	29.92 1.24 0.00	27.42 1.02 0.00
ASTORIA_GT4_2 24103	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.89 0.82 0.00	24.01 0.94 0.00	32.70 1.44 0.00	24.06 1.15 0.00	20.86 1.01 -0.01	23.44 1.25 0.00	24.89 1.30 0.00	27.65 1.48 0.00	28.24 1.50 -0.01	27.00 1.52 -0.01	26.20 1.59 -0.01	34.09 2.09 -0.01	47.21 2.70 0.00	30.04 1.92 0.00	26.76 1.69 0.00	24.29 1.41 0.00	27.14 1.19 0.00	29.92 1.24 0.00	27.42 1.02 0.00
ASTORIA_GT4_3 24104	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.89 0.82 0.00	24.01 0.94 0.00	32.70 1.44 0.00	24.06 1.15 0.00	20.86 1.01 -0.01	23.44 1.25 0.00	24.89 1.30 0.00	27.65 1.48 0.00	28.24 1.50 -0.01	27.00 1.52 -0.01	26.20 1.59 -0.01	34.09 2.09 -0.01	47.21 2.70 0.00	30.04 1.92 0.00	26.76 1.69 0.00	24.29 1.41 0.00	27.14 1.19 0.00	29.92 1.24 0.00	27.42 1.02 0.00

ASTORIA_GT4_4 24105	17.18 0.71 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.89 0.82 0.00	24.01 0.94 0.00	32.70 1.44 0.00	24.06 1.15 0.00	20.86 1.01 -0.01	23.44 1.25 0.00	24.89 1.30 0.00	27.65 1.48 0.00	28.24 1.50 -0.01	27.00 1.52 -0.01	26.20 1.59 -0.01	34.09 2.09 -0.01	47.21 2.70 0.00	30.04 1.92 0.00	26.76 1.69 0.00	24.29 1.41 0.00	27.14 1.19 0.00	29.92 1.24 0.00	27.42 1.02 0.00
ASTORIA_GT_1 23523	17.21 0.74 0.00	16.01 0.52 -3.72	20.68 0.04 -19.72	21.13 0.04 -19.91	20.19 0.25 -13.39	21.92 0.85 0.00	24.05 0.98 0.00	32.74 1.48 0.00	24.10 1.19 0.00	20.90 1.05 -0.01	23.52 1.33 0.00	24.96 1.36 0.00	27.70 1.52 0.00	28.29 1.56 -0.01	27.05 1.57 -0.01	26.26 1.66 -0.01	34.17 2.16 -0.01	47.31 2.80 0.00	30.10 1.98 0.00	26.82 1.75 0.00	24.35 1.46 0.00	27.19 1.24 0.00	29.98 1.30 0.00	27.46 1.07 0.00
ASTORIA_GT_10 24110	17.20 0.73 0.00	16.00 0.50 -3.72	20.68 0.04 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.90 0.84 0.00	24.04 0.97 0.00	32.75 1.49 0.00	24.07 1.16 0.00	20.94 1.09 -0.01	23.45 1.26 0.00	24.91 1.31 0.00	27.64 1.46 0.00	28.30 1.56 -0.01	27.02 1.54 -0.01	26.22 1.62 -0.01	34.16 2.15 -0.01	47.34 2.83 0.00	30.07 1.95 0.00	26.74 1.67 0.00	24.27 1.39 0.00	27.16 1.21 0.00	29.92 1.25 0.00	27.41 1.02 0.00
ASTORIA_GT_11 24225	17.20 0.73 0.00	16.00 0.50 -3.72	20.68 0.04 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.90 0.84 0.00	24.04 0.97 0.00	32.75 1.49 0.00	24.07 1.16 0.00	20.94 1.09 -0.01	23.45 1.26 0.00	24.91 1.31 0.00	27.64 1.46 0.00	28.30 1.56 -0.01	27.02 1.54 -0.01	26.22 1.62 -0.01	34.16 2.15 -0.01	47.34 2.83 0.00	30.07 1.95 0.00	26.74 1.67 0.00	24.27 1.39 0.00	27.16 1.21 0.00	29.92 1.25 0.00	27.41 1.02 0.00
ASTORIA_GT_12 24226	17.20 0.73 0.00	16.00 0.50 -3.72	20.68 0.04 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.90 0.84 0.00	24.04 0.97 0.00	32.75 1.49 0.00	24.07 1.16 0.00	20.94 1.09 -0.01	23.45 1.26 0.00	24.91 1.31 0.00	27.64 1.46 0.00	28.30 1.56 -0.01	27.02 1.54 -0.01	26.22 1.62 -0.01	34.16 2.15 -0.01	47.34 2.83 0.00	30.07 1.95 0.00	26.74 1.67 0.00	24.27 1.39 0.00	27.16 1.21 0.00	29.92 1.25 0.00	27.41 1.02 0.00
ASTORIA_GT_13 24227	17.20 0.73 0.00	16.00 0.50 -3.72	20.68 0.04 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.90 0.84 0.00	24.04 0.97 0.00	32.75 1.49 0.00	24.07 1.16 0.00	20.94 1.09 -0.01	23.45 1.26 0.00	24.91 1.31 0.00	27.64 1.46 0.00	28.30 1.56 -0.01	27.02 1.54 -0.01	26.22 1.62 -0.01	34.16 2.15 -0.01	47.34 2.83 0.00	30.07 1.95 0.00	26.74 1.67 0.00	24.27 1.39 0.00	27.16 1.21 0.00	29.92 1.25 0.00	27.41 1.02 0.00
ASTORIA_GT_5 24106	17.21 0.74 0.00	16.01 0.52 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.19 0.25 -13.39	21.91 0.85 0.00	24.05 0.98 0.00	32.74 1.48 0.00	24.10 1.19 0.00	20.90 1.05 -0.01	23.48 1.29 0.00	24.94 1.35 0.00	27.72 1.53 0.00	28.29 1.56 -0.01	27.06 1.58 -0.01	26.26 1.66 -0.01	34.16 2.16 -0.01	47.31 2.80 0.00	30.10 1.98 0.00	26.82 1.75 0.00	24.34 1.45 0.00	27.20 1.25 0.00	29.98 1.30 0.00	27.46 1.07 0.00
ASTORIA_GT_7 24107	17.21 0.74 0.00	16.01 0.52 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.19 0.25 -13.39	21.91 0.85 0.00	24.05 0.98 0.00	32.74 1.48 0.00	24.10 1.19 0.00	20.90 1.05 -0.01	23.48 1.29 0.00	24.94 1.35 0.00	27.72 1.53 0.00	28.29 1.56 -0.01	27.06 1.58 -0.01	26.26 1.66 -0.01	34.16 2.16 -0.01	47.31 2.80 0.00	30.10 1.98 0.00	26.82 1.75 0.00	24.34 1.45 0.00	27.20 1.25 0.00	29.98 1.30 0.00	27.46 1.07 0.00
ASTORIA_GT_8 24108	17.21 0.74 0.00	16.01 0.52 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.19 0.25 -13.39	21.91 0.85 0.00	24.05 0.98 0.00	32.74 1.48 0.00	24.10 1.19 0.00	20.90 1.05 -0.01	23.48 1.29 0.00	24.94 1.35 0.00	27.72 1.53 0.00	28.29 1.56 -0.01	27.06 1.58 -0.01	26.26 1.66 -0.01	34.16 2.16 -0.01	47.31 2.80 0.00	30.10 1.98 0.00	26.82 1.75 0.00	24.34 1.45 0.00	27.20 1.25 0.00	29.98 1.30 0.00	27.46 1.07 0.00
ASTORIA___2 24149	17.18 0.72 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.88 0.82 0.00	24.01 0.94 0.00	32.69 1.43 0.00	24.06 1.15 0.00	20.86 1.01 -0.01	23.48 1.29 0.00	24.91 1.31 0.00	27.64 1.47 0.00	28.24 1.50 -0.01	26.99 1.51 -0.01	26.20 1.59 -0.01	34.10 2.09 -0.01	47.21 2.70 0.00	30.04 1.92 0.00	26.76 1.70 0.00	24.30 1.42 0.00	27.14 1.19 0.00	29.92 1.24 0.00	27.41 1.02 0.00
ASTORIA___3 23516	17.20 0.73 0.00	16.00 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.90 0.84 0.00	24.04 0.97 0.00	32.75 1.48 0.00	24.07 1.16 0.00	20.94 1.09 -0.01	23.47 1.28 0.00	24.91 1.31 0.00	27.64 1.46 0.00	28.30 1.56 -0.01	27.02 1.54 -0.01	26.22 1.62 -0.01	34.16 2.15 -0.01	47.34 2.83 0.00	30.07 1.95 0.00	26.74 1.67 0.00	24.28 1.39 0.00	27.16 1.22 0.00	29.92 1.24 0.00	27.41 1.02 0.00
ASTORIA___4 23517	17.20 0.73 0.00	16.00 0.50 -3.72	20.68 0.04 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.90 0.84 0.00	24.04 0.97 0.00	32.75 1.49 0.00	24.07 1.16 0.00	20.94 1.09 -0.01	23.45 1.26 0.00	24.91 1.31 0.00	27.64 1.46 0.00	28.30 1.56 -0.01	27.02 1.54 -0.01	26.22 1.62 -0.01	34.16 2.15 -0.01	47.34 2.83 0.00	30.07 1.95 0.00	26.74 1.67 0.00	24.27 1.39 0.00	27.16 1.21 0.00	29.92 1.25 0.00	27.41 1.02 0.00
ASTORIA___5 23518	17.20 0.73 0.00	16.00 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.90 0.84 0.00	24.04 0.97 0.00	32.75 1.48 0.00	24.07 1.16 0.00	20.94 1.09 -0.01	23.47 1.28 0.00	24.91 1.31 0.00	27.64 1.46 0.00	28.30 1.56 -0.01	27.02 1.54 -0.01	26.22 1.62 -0.01	34.16 2.15 -0.01	47.34 2.83 0.00	30.07 1.95 0.00	26.74 1.67 0.00	24.28 1.39 0.00	27.16 1.22 0.00	29.92 1.24 0.00	27.41 1.02 0.00
AST_ENERGY_2_CC3 323677	17.13 0.66 0.00	15.96 0.46 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.22 -13.39	21.82 0.76 0.00	23.93 0.86 0.00	32.62 1.35 0.00	23.95 1.04 0.00	20.83 0.99 0.00	23.37 1.18 0.00	24.80 1.21 0.00	27.50 1.33 0.00	28.16 1.42 0.00	26.89 1.42 0.00	26.11 1.51 0.00	33.99 1.99 0.00	47.14 2.63 0.00	29.94 1.81 0.00	26.63 1.56 0.00	24.19 1.30 0.00	27.07 1.13 0.00	29.81 1.13 0.00	27.32 0.93 0.00
AST_ENERGY_2_CC4 323678	17.13 0.66 0.00	15.96 0.46 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.22 -13.39	21.82 0.76 0.00	23.93 0.86 0.00	32.62 1.35 0.00	23.95 1.04 0.00	20.83 0.99 0.00	23.37 1.18 0.00	24.80 1.21 0.00	27.50 1.33 0.00	28.16 1.42 0.00	26.89 1.42 0.00	26.11 1.51 0.00	33.99 1.99 0.00	47.14 2.63 0.00	29.94 1.81 0.00	26.63 1.56 0.00	24.19 1.30 0.00	27.07 1.13 0.00	29.81 1.13 0.00	27.32 0.93 0.00

ATHENS_STG_1 23668	16.90 0.44 0.00	16.14 0.31 -4.06	22.45 0.02 -21.50	22.91 0.03 -21.71	21.30 0.15 -14.60	21.54 0.47 0.00	23.60 0.53 0.00	32.11 0.84 0.00	23.51 0.59 0.00	20.39 0.54 0.00	22.77 0.58 0.00	24.20 0.60 0.00	26.82 0.64 0.00	27.44 0.71 0.00	26.15 0.67 0.00	25.32 0.73 0.00	33.11 1.11 0.00	46.05 1.54 0.00	29.13 1.01 0.00	25.96 0.89 0.00	23.65 0.76 0.00	26.59 0.65 0.00	29.34 0.66 0.00	26.93 0.54 0.00
ATHENS_STG_2 23670	16.90 0.44 0.00	16.14 0.31 -4.06	22.45 0.02 -21.50	22.91 0.03 -21.71	21.30 0.15 -14.60	21.54 0.47 0.00	23.60 0.53 0.00	32.11 0.84 0.00	23.51 0.59 0.00	20.39 0.54 0.00	22.77 0.58 0.00	24.20 0.60 0.00	26.82 0.64 0.00	27.44 0.71 0.00	26.15 0.67 0.00	25.32 0.73 0.00	33.11 1.11 0.00	46.05 1.54 0.00	29.13 1.01 0.00	25.96 0.89 0.00	23.65 0.76 0.00	26.59 0.65 0.00	29.34 0.66 0.00	26.93 0.54 0.00
ATHENS_STG_3 23677	16.90 0.44 0.00	16.14 0.31 -4.06	22.45 0.02 -21.50	22.91 0.03 -21.71	21.30 0.15 -14.60	21.54 0.47 0.00	23.60 0.53 0.00	32.11 0.84 0.00	23.51 0.59 0.00	20.39 0.54 0.00	22.77 0.58 0.00	24.20 0.60 0.00	26.82 0.64 0.00	27.44 0.71 0.00	26.15 0.67 0.00	25.32 0.73 0.00	33.11 1.11 0.00	46.05 1.54 0.00	29.13 1.01 0.00	25.96 0.89 0.00	23.65 0.76 0.00	26.59 0.65 0.00	29.34 0.66 0.00	26.93 0.54 0.00
AUBURN___LFGE 323710	14.93 -0.18 1.37	11.69 -0.13 -0.05	2.68 -0.01 -1.76	2.96 -0.01 -1.79	7.39 -0.04 -0.87	20.75 -0.07 0.24	23.04 -0.04 0.00	31.18 -0.09 0.00	22.75 -0.16 0.00	19.72 -0.12 0.00	22.06 -0.13 0.00	23.56 -0.04 0.00	26.31 0.13 0.00	26.93 0.20 0.00	25.70 0.23 0.00	24.58 -0.01 0.00	32.34 0.34 0.00	45.08 0.57 0.00	28.37 0.25 0.00	25.39 0.33 0.00	23.10 0.21 0.00	26.04 0.09 0.00	28.80 0.12 0.00	26.39 -0.01 0.00
BABYLON_RES_REC 323704	17.39 0.93 0.00	16.10 0.61 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.26 0.33 -13.39	22.15 1.08 0.00	24.34 1.27 0.00	33.13 1.87 0.00	24.21 1.30 0.00	20.92 1.08 0.00	23.55 1.36 0.00	24.96 1.36 0.00	27.63 1.46 0.00	28.36 1.63 0.00	27.07 1.60 0.00	26.25 1.65 0.00	34.28 2.27 0.00	47.38 2.86 0.00	30.20 2.08 0.00	26.82 1.75 0.00	24.37 1.49 0.00	27.21 1.26 0.00	30.14 1.46 0.00	27.56 1.17 0.00
BABYLON__69_KV_BK2 356345	17.54 1.07 0.00	16.20 0.71 -3.72	20.69 0.05 -19.72	21.14 0.06 -19.91	20.32 0.38 -13.39	22.34 1.28 0.00	24.56 1.49 0.00	33.41 2.14 0.00	24.42 1.51 0.00	21.09 1.25 0.00	23.74 1.55 0.00	25.17 1.57 0.00	27.88 1.70 0.00	28.61 1.88 0.00	27.32 1.85 0.00	26.50 1.90 0.00	34.63 2.63 0.00	47.86 3.35 0.00	30.52 2.40 0.00	27.10 2.03 0.00	24.62 1.73 0.00	27.46 1.51 0.00	30.42 1.74 0.00	27.80 1.40 0.00
BALL_HILL_WT_PWR 323825	9.70 -1.67 5.09	9.85 -1.24 0.68	2.88 -0.10 -2.06	3.18 -0.11 -2.12	6.12 -0.61 -0.18	18.36 -1.80 0.90	21.17 -1.90 0.00	28.08 -2.33 0.85	21.38 -1.52 0.01	18.65 -1.19 0.00	21.07 -1.11 0.00	22.80 -0.80 0.00	25.65 -0.52 0.00	26.23 -0.51 0.00	24.99 -0.48 0.00	23.66 -0.92 0.01	31.03 -0.97 0.00	42.83 -1.40 0.28	26.97 -1.15 0.00	24.20 -0.87 0.00	21.68 -1.20 0.00	24.72 -1.24 0.00	27.77 -0.91 0.00	25.76 -0.64 0.00
BARON_WINDS___WT_PWR 323822	6.85 -1.28 8.35	9.56 -0.94 1.27	3.36 -0.08 -2.51	3.68 -0.09 -2.59	5.75 -0.51 0.30	18.18 -1.39 1.49	21.59 -1.47 0.00	28.89 -1.79 0.59	21.75 -1.15 0.01	18.91 -0.93 0.00	21.31 -0.88 0.00	22.83 -0.77 0.00	25.65 -0.53 0.00	26.26 -0.47 0.00	25.02 -0.45 0.00	23.68 -0.90 0.01	31.08 -0.92 0.00	43.15 -1.16 0.19	27.28 -0.84 0.00	24.58 -0.49 0.00	21.94 -0.94 0.00	24.88 -1.07 0.00	27.96 -0.72 0.00	25.94 -0.46 0.00
BARRETT_IC_1 23704	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.82 1.56 0.00	24.00 1.09 0.00	20.80 0.95 0.00	23.51 1.32 0.00	24.96 1.36 0.00	27.57 1.39 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.08 1.49 0.00	33.89 1.89 0.00	46.82 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00
BARRETT_IC_10 23701	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.82 1.56 0.00	24.00 1.09 0.00	20.80 0.95 0.00	23.51 1.32 0.00	24.96 1.36 0.00	27.57 1.39 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.08 1.49 0.00	33.89 1.89 0.00	46.82 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00
BARRETT_IC_11 23702	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.82 1.56 0.00	24.00 1.09 0.00	20.80 0.95 0.00	23.51 1.32 0.00	24.96 1.36 0.00	27.57 1.39 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.08 1.49 0.00	33.89 1.89 0.00	46.82 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00
BARRETT_IC_12 23703	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.82 1.56 0.00	24.00 1.09 0.00	20.80 0.95 0.00	23.51 1.32 0.00	24.96 1.36 0.00	27.57 1.39 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.08 1.49 0.00	33.89 1.89 0.00	46.82 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00
BARRETT_IC_2 23705	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.82 1.56 0.00	24.00 1.09 0.00	20.80 0.95 0.00	23.51 1.32 0.00	24.96 1.36 0.00	27.57 1.39 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.08 1.49 0.00	33.89 1.89 0.00	46.82 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00
BARRETT_IC_3 23706	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.82 1.56 0.00	24.00 1.09 0.00	20.80 0.95 0.00	23.51 1.32 0.00	24.96 1.36 0.00	27.57 1.39 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.08 1.49 0.00	33.89 1.89 0.00	46.82 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00
BARRETT_IC_4 23707	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.82 1.56 0.00	24.00 1.09 0.00	20.80 0.95 0.00	23.51 1.32 0.00	24.96 1.36 0.00	27.57 1.39 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.08 1.49 0.00	33.89 1.89 0.00	46.82 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00

BARRETT_IC_5 23708	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.82 1.56 0.00	24.00 1.09 0.00	20.80 0.95 0.00	23.51 1.32 0.00	24.96 1.36 0.00	27.57 1.39 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.08 1.49 0.00	33.89 1.89 0.00	46.82 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00
BARRETT_IC_6 23709	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.82 1.56 0.00	24.00 1.09 0.00	20.80 0.95 0.00	23.51 1.32 0.00	24.96 1.36 0.00	27.57 1.39 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.08 1.49 0.00	33.89 1.89 0.00	46.82 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00
BARRETT_IC_7 23710	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.83 1.56 0.00	24.01 1.10 0.00	20.80 0.95 0.00	23.49 1.31 0.00	24.95 1.35 0.00	27.57 1.40 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.09 1.49 0.00	33.89 1.89 0.00	46.83 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00
BARRETT_IC_8 23711	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.82 1.56 0.00	24.00 1.09 0.00	20.80 0.95 0.00	23.51 1.32 0.00	24.96 1.36 0.00	27.57 1.39 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.08 1.49 0.00	33.89 1.89 0.00	46.82 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00
BARRETT_IC_9 23700	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.82 1.56 0.00	24.00 1.09 0.00	20.80 0.95 0.00	23.51 1.32 0.00	24.96 1.36 0.00	27.57 1.39 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.08 1.49 0.00	33.89 1.89 0.00	46.82 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00
BARRETT___1 23545	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.82 1.56 0.00	24.00 1.09 0.00	20.80 0.95 0.00	23.51 1.32 0.00	24.96 1.36 0.00	27.57 1.39 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.08 1.49 0.00	33.89 1.89 0.00	46.82 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00
BARRETT___2 23546	17.26 0.80 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.22 0.28 -13.39	22.00 0.94 0.00	24.16 1.09 0.00	32.82 1.56 0.00	24.00 1.09 0.00	20.80 0.95 0.00	23.51 1.32 0.00	24.96 1.36 0.00	27.57 1.39 0.00	28.26 1.52 0.00	26.98 1.50 0.00	26.08 1.49 0.00	33.89 1.89 0.00	46.82 2.32 0.00	29.82 1.70 0.00	26.50 1.43 0.00	24.09 1.21 0.00	27.06 1.11 0.00	30.04 1.36 0.00	27.48 1.08 0.00
BATAVIA__115KV_TB1 55881	11.18 -1.42 3.87	10.23 -1.07 0.47	2.67 -0.08 -1.83	2.96 -0.09 -1.88	6.34 -0.53 -0.31	18.88 -1.50 0.69	21.60 -1.47 0.00	28.63 -1.70 0.94	21.88 -1.02 0.01	18.94 -0.90 0.00	21.35 -0.83 0.00	23.13 -0.46 0.00	26.01 -0.17 0.00	26.35 -0.38 0.00	25.17 -0.30 0.00	24.09 -0.49 0.02	31.67 -0.33 0.00	43.61 -0.59 0.31	27.38 -0.74 0.00	24.57 -0.50 0.00	22.05 -0.83 0.00	25.09 -0.86 0.00	28.08 -0.60 0.00	25.95 -0.45 0.00
BAYONEEC___CTG1 323682	17.15 0.68 0.00	15.96 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.84 0.78 0.00	23.97 0.90 0.00	32.66 1.40 0.00	23.99 1.08 0.00	20.85 1.00 0.00	23.38 1.20 0.00	24.83 1.23 0.00	27.54 1.36 0.00	28.18 1.45 0.00	26.92 1.45 0.00	26.13 1.54 0.00	34.03 2.03 0.00	47.18 2.67 0.00	29.96 1.84 0.00	26.64 1.58 0.00	24.20 1.32 0.00	27.10 1.15 0.00	29.85 1.17 0.00	27.36 0.96 0.00
BAYONEEC___CTG10 323750	17.15 0.68 0.00	15.96 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.84 0.78 0.00	23.97 0.90 0.00	32.66 1.40 0.00	23.99 1.08 0.00	20.85 1.00 0.00	23.38 1.20 0.00	24.83 1.23 0.00	27.54 1.36 0.00	28.18 1.45 0.00	26.92 1.45 0.00	26.13 1.54 0.00	34.03 2.03 0.00	47.18 2.67 0.00	29.96 1.84 0.00	26.64 1.58 0.00	24.20 1.32 0.00	27.10 1.15 0.00	29.85 1.17 0.00	27.36 0.96 0.00
BAYONEEC___CTG2 323683	17.15 0.68 0.00	15.96 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.84 0.78 0.00	23.97 0.90 0.00	32.66 1.40 0.00	23.99 1.08 0.00	20.85 1.00 0.00	23.38 1.20 0.00	24.83 1.23 0.00	27.54 1.36 0.00	28.18 1.45 0.00	26.92 1.45 0.00	26.13 1.54 0.00	34.03 2.03 0.00	47.18 2.67 0.00	29.96 1.84 0.00	26.64 1.58 0.00	24.20 1.32 0.00	27.10 1.15 0.00	29.85 1.17 0.00	27.36 0.96 0.00
BAYONEEC___CTG3 323684	17.15 0.68 0.00	15.96 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.84 0.78 0.00	23.97 0.90 0.00	32.66 1.40 0.00	23.99 1.08 0.00	20.85 1.00 0.00	23.38 1.20 0.00	24.83 1.23 0.00	27.54 1.36 0.00	28.18 1.45 0.00	26.92 1.45 0.00	26.13 1.54 0.00	34.03 2.03 0.00	47.18 2.67 0.00	29.96 1.84 0.00	26.64 1.58 0.00	24.20 1.32 0.00	27.10 1.15 0.00	29.85 1.17 0.00	27.36 0.96 0.00
BAYONEEC___CTG4 323685	17.15 0.68 0.00	15.96 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.84 0.78 0.00	23.97 0.90 0.00	32.66 1.40 0.00	23.99 1.08 0.00	20.85 1.00 0.00	23.38 1.20 0.00	24.83 1.23 0.00	27.54 1.36 0.00	28.18 1.45 0.00	26.92 1.45 0.00	26.13 1.54 0.00	34.03 2.03 0.00	47.18 2.67 0.00	29.96 1.84 0.00	26.64 1.58 0.00	24.20 1.32 0.00	27.10 1.15 0.00	29.85 1.17 0.00	27.36 0.96 0.00
BAYONEEC___CTG5 323686	17.15 0.68 0.00	15.96 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.84 0.78 0.00	23.97 0.90 0.00	32.66 1.40 0.00	23.99 1.08 0.00	20.85 1.00 0.00	23.38 1.20 0.00	24.83 1.23 0.00	27.54 1.36 0.00	28.18 1.45 0.00	26.92 1.45 0.00	26.13 1.54 0.00	34.03 2.03 0.00	47.18 2.67 0.00	29.96 1.84 0.00	26.64 1.58 0.00	24.20 1.32 0.00	27.10 1.15 0.00	29.85 1.17 0.00	27.36 0.96 0.00
BAYONEEC___CTG6 323687	17.15 0.68 0.00	15.96 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.84 0.78 0.00	23.97 0.90 0.00	32.66 1.40 0.00	23.99 1.08 0.00	20.85 1.00 0.00	23.38 1.20 0.00	24.83 1.23 0.00	27.54 1.36 0.00	28.18 1.45 0.00	26.92 1.45 0.00	26.13 1.54 0.00	34.03 2.03 0.00	47.18 2.67 0.00	29.96 1.84 0.00	26.64 1.58 0.00	24.20 1.32 0.00	27.10 1.15 0.00	29.85 1.17 0.00	27.36 0.96 0.00

BAYONEEC___CTG7 323688	17.15 0.68 0.00	15.96 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.84 0.78 0.00	23.97 0.90 0.00	32.66 1.40 0.00	23.99 1.08 0.00	20.85 1.00 0.00	23.38 1.20 0.00	24.83 1.23 0.00	27.54 1.36 0.00	28.18 1.45 0.00	26.92 1.45 0.00	26.13 1.54 0.00	34.03 2.03 0.00	47.18 2.67 0.00	29.96 1.84 0.00	26.64 1.58 0.00	24.20 1.32 0.00	27.10 1.15 0.00	29.85 1.17 0.00	27.36 0.96 0.00
BAYONEEC___CTG8 323689	17.15 0.68 0.00	15.96 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.84 0.78 0.00	23.97 0.90 0.00	32.66 1.40 0.00	23.99 1.08 0.00	20.85 1.00 0.00	23.38 1.20 0.00	24.83 1.23 0.00	27.54 1.36 0.00	28.18 1.45 0.00	26.92 1.45 0.00	26.13 1.54 0.00	34.03 2.03 0.00	47.18 2.67 0.00	29.96 1.84 0.00	26.64 1.58 0.00	24.20 1.32 0.00	27.10 1.15 0.00	29.85 1.17 0.00	27.36 0.96 0.00
BAYONEEC___CTG9 323749	17.15 0.68 0.00	15.96 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.84 0.78 0.00	23.97 0.90 0.00	32.66 1.40 0.00	23.99 1.08 0.00	20.85 1.00 0.00	23.38 1.20 0.00	24.83 1.23 0.00	27.54 1.36 0.00	28.18 1.45 0.00	26.92 1.45 0.00	26.13 1.54 0.00	34.03 2.03 0.00	47.18 2.67 0.00	29.96 1.84 0.00	26.64 1.58 0.00	24.20 1.32 0.00	27.10 1.15 0.00	29.85 1.17 0.00	27.36 0.96 0.00
BEACON___LESR 323632	17.04 0.58 0.00	16.62 0.35 -4.49	24.75 0.02 -23.80	25.23 0.03 -24.03	22.89 0.18 -16.16	21.63 0.57 0.00	23.62 0.55 0.00	32.09 0.82 0.00	23.50 0.59 0.00	20.32 0.48 0.00	22.67 0.49 0.00	24.17 0.57 0.00	26.67 0.49 0.00	27.31 0.57 0.00	25.94 0.47 0.00	25.12 0.52 0.00	33.11 1.11 0.00	46.36 1.85 0.00	29.16 1.04 0.00	25.97 0.90 0.00	23.63 0.74 0.00	26.60 0.65 0.00	29.33 0.66 0.00	26.91 0.51 0.00
BEAVER RIVER___HYD 24048	18.86 -0.42 -2.81	14.08 -0.29 -2.60	2.01 -0.02 -1.11	2.60 -0.03 -1.46	7.15 -0.18 -0.78	20.38 -0.68 0.00	22.36 -0.71 0.00	30.35 -0.92 0.00	22.44 -0.47 0.00	19.45 -0.40 0.00	21.65 -0.53 0.00	23.14 -0.45 0.00	25.52 -0.65 0.00	25.75 -0.98 0.00	24.58 -0.90 0.00	24.05 -0.55 0.00	31.87 -0.14 0.00	44.79 0.28 0.00	28.32 0.20 0.00	25.40 0.33 0.00	23.16 0.27 0.00	26.23 0.28 0.00	28.95 0.27 0.00	26.61 0.22 0.00
BEEBEE_GT_13 23619	12.29 -1.15 3.02	10.61 -0.84 0.32	2.51 -0.07 -1.65	2.79 -0.07 -1.69	6.52 -0.43 -0.39	19.25 -1.27 0.54	21.75 -1.33 0.00	28.76 -1.52 0.99	22.02 -0.89 0.01	19.11 -0.74 0.00	21.52 -0.67 0.00	23.19 -0.40 0.00	25.93 -0.25 0.00	26.45 -0.28 0.00	25.26 -0.21 0.00	24.21 -0.38 0.02	31.69 -0.31 0.00	43.63 -0.56 0.32	27.54 -0.58 0.00	24.60 -0.47 0.00	22.21 -0.67 0.00	25.23 -0.72 0.00	28.06 -0.62 0.00	25.87 -0.52 0.00
BENSHRST_27_KV_BENSHRST_1 355998	17.33 0.86 0.00	16.09 0.60 -3.72	20.69 0.04 -19.72	21.14 0.05 -19.91	20.24 0.30 -13.39	22.08 1.02 0.00	24.25 1.17 0.00	33.06 1.79 -0.01	24.30 1.38 -0.01	21.11 1.26 -0.01	23.66 1.48 0.00	26.20 1.56 -1.04	33.47 1.74 -5.56	39.05 1.87 -10.45	34.59 1.84 -7.28	38.94 1.90 -12.44	42.06 2.52 -7.54	47.80 3.29 0.00	39.08 2.29 -8.67	39.56 1.98 -12.51	39.57 1.66 -15.02	40.21 1.53 -12.72	39.72 1.58 -9.46	35.60 1.32 -7.89
BETHLEHEM___GRP 23843	16.87 0.41 0.00	16.56 0.29 -4.50	24.77 0.02 -23.83	25.25 0.02 -24.05	22.85 0.12 -16.17	21.42 0.36 0.00	23.32 0.25 0.00	31.64 0.37 0.00	23.21 0.30 0.00	20.11 0.27 0.00	22.41 0.23 0.00	23.83 0.23 0.00	26.31 0.14 0.00	26.94 0.21 0.00	25.62 0.15 0.00	24.78 0.18 0.00	32.58 0.58 0.00	45.67 1.16 0.00	28.74 0.62 0.00	25.56 0.49 0.00	23.30 0.41 0.00	26.21 0.26 0.00	28.86 0.18 0.00	26.53 0.14 0.00
BETHLEHEM___GS1 323560	16.88 0.41 0.00	16.56 0.29 -4.50	24.77 0.02 -23.83	25.25 0.02 -24.05	22.85 0.12 -16.17	21.42 0.36 0.00	23.32 0.25 0.00	31.64 0.37 0.00	23.21 0.30 0.00	20.12 0.27 0.00	22.42 0.24 0.00	23.83 0.23 0.00	26.31 0.14 0.00	26.94 0.21 0.00	25.62 0.15 0.00	24.78 0.18 0.00	32.58 0.58 0.00	45.67 1.16 0.00	28.74 0.62 0.00	25.56 0.49 0.00	23.30 0.41 0.00	26.21 0.26 0.00	28.87 0.19 0.00	26.53 0.14 0.00
BETHLEHEM___GS2 323561	16.88 0.41 0.00	16.56 0.29 -4.50	24.77 0.02 -23.83	25.25 0.02 -24.05	22.85 0.12 -16.17	21.42 0.36 0.00	23.32 0.25 0.00	31.64 0.37 0.00	23.21 0.30 0.00	20.12 0.27 0.00	22.42 0.24 0.00	23.83 0.23 0.00	26.31 0.14 0.00	26.94 0.21 0.00	25.62 0.15 0.00	24.78 0.18 0.00	32.58 0.58 0.00	45.67 1.16 0.00	28.74 0.62 0.00	25.56 0.49 0.00	23.30 0.41 0.00	26.21 0.26 0.00	28.87 0.19 0.00	26.53 0.14 0.00
BETHLEHEM___GS3 323562	16.88 0.41 0.00	16.56 0.29 -4.50	24.77 0.02 -23.83	25.25 0.02 -24.05	22.85 0.12 -16.17	21.42 0.36 0.00	23.32 0.25 0.00	31.64 0.37 0.00	23.21 0.30 0.00	20.12 0.27 0.00	22.42 0.24 0.00	23.83 0.23 0.00	26.31 0.14 0.00	26.94 0.21 0.00	25.62 0.15 0.00	24.78 0.18 0.00	32.58 0.58 0.00	45.67 1.16 0.00	28.74 0.62 0.00	25.56 0.49 0.00	23.30 0.41 0.00	26.21 0.26 0.00	28.87 0.19 0.00	26.53 0.14 0.00
BETHLEHEM___STEEL 23779	9.86 -1.64 4.97	9.87 -1.24 0.66	2.86 -0.09 -2.03	3.15 -0.11 -2.09	6.12 -0.62 -0.19	18.33 -1.85 0.88	21.14 -1.93 0.00	28.02 -2.38 0.86	21.41 -1.50 0.01	18.68 -1.16 0.00	21.12 -1.07 0.00	22.76 -0.84 0.00	25.60 -0.58 0.00	26.17 -0.57 0.00	24.94 -0.54 0.00	23.67 -0.91 0.01	31.05 -0.95 0.00	42.83 -1.40 0.28	26.94 -1.18 0.00	24.11 -0.96 0.00	21.63 -1.26 0.00	24.71 -1.24 0.00	27.76 -0.92 0.00	25.73 -0.67 0.00
BETHLHEM_115KV_TB1 79974	16.87 0.41 0.00	16.56 0.29 -4.49	24.76 0.02 -23.82	25.24 0.02 -24.04	22.85 0.13 -16.17	21.44 0.37 0.00	23.36 0.29 0.00	31.72 0.45 0.00	23.26 0.35 0.00	20.15 0.31 0.00	22.46 0.27 0.00	23.87 0.28 0.00	26.38 0.21 0.00	27.01 0.28 0.00	25.69 0.22 0.00	24.85 0.25 0.00	32.64 0.64 0.00	45.71 1.20 0.00	28.78 0.66 0.00	25.61 0.55 0.00	23.34 0.46 0.00	26.27 0.32 0.00	28.94 0.26 0.00	26.60 0.20 0.00
BETHPAGE_CC_5 323564	17.39 0.92 0.00	16.10 0.61 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.26 0.32 -13.39	22.13 1.07 0.00	24.33 1.25 0.00	33.11 1.84 0.00	24.22 1.30 0.00	20.95 1.11 0.00	23.59 1.41 0.00	25.03 1.43 0.00	27.73 1.55 0.00	28.43 1.70 0.00	27.14 1.67 0.00	26.28 1.69 0.00	34.22 2.21 0.00	47.31 2.80 0.00	30.12 2.00 0.00	26.76 1.69 0.00	24.31 1.42 0.00	27.16 1.21 0.00	30.13 1.45 0.00	27.59 1.20 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	9.85 -1.53 5.08	9.92 -1.17 0.68	2.88 -0.09 -2.04	3.17 -0.10 -2.10	6.14 -0.58 -0.17	18.43 -1.73 0.90	21.27 -1.80 0.00	28.20 -2.21 0.86	21.54 -1.37 0.01	18.80 -1.04 0.00	21.25 -0.93 0.00	22.91 -0.69 0.00	25.77 -0.40 0.00	26.33 -0.41 0.00	25.08 -0.39 0.00	23.81 -0.77 0.01	31.24 -0.76 0.00	43.14 -1.10 0.28	27.13 -0.99 0.00	24.26 -0.81 0.00	21.76 -1.13 0.00	24.85 -1.10 0.00	27.91 -0.77 0.00	25.87 -0.53 0.00

BINGHAMTON___COGEN 23790	14.33 -0.23 1.91	12.33 -0.17 -0.73	6.88 -0.01 -5.97	7.19 -0.02 -6.04	10.05 -0.10 -3.60	20.46 -0.27 0.34	22.84 -0.23 0.00	30.87 -0.15 0.24	22.80 -0.12 0.00	19.77 -0.08 0.00	22.15 -0.03 0.00	23.67 0.07 0.00	26.35 0.17 0.00	26.93 0.20 0.00	25.70 0.23 0.00	24.75 0.16 0.00	32.36 0.35 0.00	44.99 0.56 0.08	28.43 0.31 0.00	25.39 0.32 0.00	23.04 0.16 0.00	25.99 0.04 0.00	28.73 0.05 0.00	26.40 0.01 0.00
BIXINCNT_115KV_LOAD 355685	9.39 -1.33 5.74	9.92 -1.04 0.81	2.93 -0.08 -2.08	3.23 -0.09 -2.14	6.07 -0.52 -0.04	18.48 -1.57 1.02	21.54 -1.53 0.00	28.51 -1.94 0.82	21.72 -1.19 0.01	18.98 -0.86 0.00	21.40 -0.78 0.00	22.97 -0.63 0.00	26.01 -0.17 0.00	26.28 -0.46 0.00	25.07 -0.40 0.00	23.70 -0.88 0.01	31.42 -0.58 0.00	44.14 -0.11 0.27	27.64 -0.49 0.00	24.42 -0.65 0.00	21.97 -0.92 0.00	24.92 -1.03 0.00	28.05 -0.63 0.00	26.24 -0.16 0.00
BLACK RIVER___HYD 24047	18.07 -0.36 -1.96	13.44 -0.24 -1.91	2.17 -0.02 -1.26	2.66 -0.02 -1.51	7.27 -0.15 -0.87	20.45 -0.61 0.00	22.46 -0.61 0.00	30.65 -0.80 -0.18	22.52 -0.39 0.00	19.54 -0.30 0.00	21.76 -0.43 0.00	23.31 -0.28 0.00	25.65 -0.52 0.00	25.84 -0.89 0.00	24.69 -0.78 0.00	24.06 -0.54 0.00	32.26 0.26 0.00	45.30 0.73 -0.06	28.65 0.52 0.00	25.68 0.61 0.00	23.39 0.50 0.00	26.47 0.52 0.00	29.18 0.50 0.00	26.82 0.42 0.00
BLACKRVR_115KV_TB2 79977	18.07 -0.36 -1.96	13.44 -0.24 -1.91	2.17 -0.02 -1.26	2.66 -0.02 -1.51	7.27 -0.15 -0.87	20.45 -0.61 0.00	22.46 -0.61 0.00	30.65 -0.80 -0.18	22.52 -0.39 0.00	19.54 -0.30 0.00	21.76 -0.43 0.00	23.31 -0.28 0.00	25.65 -0.52 0.00	25.84 -0.89 0.00	24.69 -0.78 0.00	24.06 -0.54 0.00	32.26 0.26 0.00	45.30 0.73 -0.06	28.64 0.52 0.00	25.68 0.61 0.00	23.39 0.50 0.00	26.47 0.52 0.00	29.18 0.50 0.00	26.82 0.42 0.00
BLISS_WT_PWR 323608	9.33 -1.39 5.74	9.87 -1.09 0.81	2.92 -0.09 -2.08	3.22 -0.10 -2.14	6.03 -0.56 -0.04	18.40 -1.64 1.02	21.48 -1.59 0.00	28.40 -2.05 0.82	21.64 -1.27 0.01	18.92 -0.92 0.00	21.29 -0.90 0.00	22.87 -0.74 0.00	25.97 -0.21 0.00	26.17 -0.57 0.00	24.95 -0.52 0.00	23.54 -1.04 0.01	31.31 -0.70 0.00	44.17 -0.08 0.27	27.62 -0.50 0.00	24.33 -0.74 0.00	21.89 -0.99 0.00	24.82 -1.13 0.00	27.97 -0.71 0.00	26.24 -0.16 0.00
BLUESTONE___WT_PWR 323821	20.38 0.14 -3.78	13.88 -0.14 -2.25	8.67 0.03 -7.71	8.94 0.01 -7.76	12.79 0.09 -6.15	22.16 0.42 -0.67	23.59 0.51 0.00	32.21 1.14 0.20	23.58 0.68 0.00	20.33 0.49 0.00	22.76 0.58 0.00	24.24 0.64 0.00	26.39 0.21 0.00	27.29 0.56 0.00	26.28 0.81 0.00	25.26 0.67 0.00	33.53 1.53 0.00	46.87 2.44 0.07	29.37 1.25 0.00	26.17 1.11 0.00	24.09 1.21 0.00	27.15 1.20 0.00	30.08 1.40 0.00	27.25 0.86 0.00
BLUE_CIRC_CHEM_DRP 24182	16.99 0.53 0.00	16.58 0.38 -4.43	24.43 0.02 -23.48	24.91 0.03 -23.70	22.68 0.19 -15.94	21.65 0.59 0.00	23.65 0.57 0.00	32.08 0.81 0.00	23.40 0.49 0.00	20.21 0.37 0.00	22.52 0.33 0.00	23.97 0.38 0.00	26.55 0.37 0.00	27.22 0.48 0.00	25.88 0.41 0.00	24.98 0.38 0.00	32.89 0.88 0.00	46.03 1.52 0.00	29.06 0.94 0.00	25.89 0.82 0.00	23.60 0.71 0.00	26.59 0.64 0.00	29.31 0.63 0.00	26.95 0.55 0.00
BOC_GAS_DRP 24189	16.85 0.38 0.00	16.53 0.27 -4.49	24.71 0.02 -23.76	25.19 0.02 -23.99	22.82 0.13 -16.14	21.45 0.39 0.00	23.46 0.39 0.00	31.89 0.62 0.00	23.35 0.44 0.00	20.23 0.39 0.00	22.57 0.39 0.00	24.00 0.40 0.00	26.58 0.40 0.00	27.19 0.45 0.00	25.88 0.40 0.00	25.04 0.44 0.00	32.79 0.79 0.00	45.72 1.21 0.00	28.87 0.75 0.00	25.73 0.66 0.00	23.45 0.56 0.00	26.41 0.46 0.00	29.13 0.46 0.00	26.78 0.38 0.00
BOONVILLE_115KV_TB1 79983	17.56 0.03 -1.06	12.84 0.02 -1.05	1.70 0.00 -0.77	2.08 0.00 -0.91	7.09 0.00 -0.53	21.03 -0.03 0.00	23.08 0.00 0.00	31.29 0.03 0.00	23.05 0.14 0.00	19.95 0.11 0.00	22.28 0.10 0.00	23.73 0.13 0.00	26.24 0.07 0.00	26.66 -0.07 0.00	25.46 -0.01 0.00	24.83 0.23 0.00	32.56 0.56 0.00	45.61 1.10 0.00	28.82 0.70 0.00	25.78 0.71 0.00	23.49 0.60 0.00	26.54 0.59 0.00	29.27 0.59 0.00	26.90 0.51 0.00
BORALEX_4TH_BRANCH 23824	17.42 0.95 0.00	16.88 0.64 -4.47	24.67 0.05 -23.70	25.16 0.06 -23.92	22.98 0.34 -16.09	22.05 0.98 0.00	24.24 1.17 0.00	32.94 1.68 0.00	24.06 1.15 0.00	20.81 0.97 0.00	23.09 0.90 0.00	24.49 0.90 0.00	27.14 0.96 0.00	27.79 1.05 0.00	26.32 0.84 0.00	25.48 0.88 0.00	33.67 1.67 0.00	46.94 2.43 0.00	29.68 1.56 0.00	26.61 1.54 0.00	24.20 1.32 0.00	27.23 1.28 0.00	30.04 1.36 0.00	27.63 1.23 0.00
BOWLINE___1 23526	16.99 0.52 0.00	15.69 0.35 -3.57	19.86 0.02 -18.91	20.30 0.03 -19.09	19.56 0.17 -12.84	21.66 0.60 0.00	23.78 0.71 0.00	32.42 1.15 0.00	23.74 0.82 0.00	20.59 0.75 0.00	23.04 0.86 0.00	24.48 0.89 0.00	27.17 0.99 0.00	27.81 1.07 0.00	26.55 1.07 0.00	25.76 1.16 0.00	33.58 1.57 0.00	46.60 2.09 0.00	29.57 1.44 0.00	26.31 1.24 0.00	23.90 1.01 0.00	26.80 0.85 0.00	29.55 0.87 0.00	27.11 0.72 0.00
BOWLINE___2 23595	16.99 0.52 0.00	15.69 0.35 -3.57	19.86 0.02 -18.92	20.30 0.03 -19.10	19.56 0.17 -12.84	21.66 0.60 0.00	23.78 0.71 0.00	32.42 1.15 0.00	23.74 0.82 0.00	20.59 0.75 0.00	23.04 0.86 0.00	24.49 0.89 0.00	27.17 0.99 0.00	27.81 1.07 0.00	26.55 1.08 0.00	25.76 1.16 0.00	33.58 1.57 0.00	46.60 2.09 0.00	29.57 1.45 0.00	26.32 1.25 0.00	23.90 1.01 0.00	26.80 0.85 0.00	29.55 0.87 0.00	27.11 0.72 0.00
BRADY___115KV_TB2 356060	19.45 0.02 -2.96	14.39 0.02 -2.60	1.34 0.01 -0.41	1.94 0.01 -0.76	6.89 0.03 -0.30	21.18 0.11 0.00	23.33 0.25 0.00	31.43 0.16 0.00	22.88 -0.03 0.00	19.70 -0.14 0.00	22.01 -0.17 0.00	23.41 -0.18 0.00	25.97 -0.21 0.00	26.38 -0.36 0.00	25.01 -0.46 0.00	24.19 -0.41 0.00	31.25 -0.75 0.00	43.69 -0.83 0.00	27.65 -0.47 0.00	24.66 -0.41 0.00	22.65 -0.24 0.00	25.97 0.02 0.00	28.77 0.10 0.00	26.56 0.16 0.00
BRANSCOMB___SOLAR 323811	17.35 0.88 0.00	16.98 0.61 -4.59	25.31 0.04 -24.34	25.80 0.06 -24.57	23.41 0.34 -16.53	22.16 1.10 0.00	24.41 1.34 0.00	33.19 1.93 0.00	24.15 1.24 0.00	20.83 0.99 0.00	23.08 0.90 0.00	24.53 0.93 0.00	27.29 1.11 0.00	27.98 1.25 0.00	26.53 1.06 0.00	25.79 1.19 0.00	33.96 1.96 0.00	47.36 2.85 0.00	30.07 1.95 0.00	26.84 1.77 0.00	24.46 1.58 0.00	27.48 1.52 0.00	30.26 1.58 0.00	27.79 1.40 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	17.48 1.01 0.00	16.16 0.67 -3.72	20.69 0.05 -19.72	21.14 0.06 -19.91	20.30 0.36 -13.39	22.26 1.19 0.00	24.45 1.38 0.00	33.25 1.98 0.00	24.30 1.39 0.00	20.99 1.15 0.00	23.65 1.47 0.00	25.05 1.46 0.00	27.74 1.57 0.00	28.45 1.72 0.00	27.16 1.68 0.00	26.32 1.72 0.00	34.41 2.42 0.00	47.48 2.97 0.00	30.32 2.20 0.00	26.91 1.84 0.00	24.46 1.57 0.00	27.25 1.30 0.00	30.23 1.55 0.00	27.63 1.24 0.00



BRISTLHL_115KV_TB1 79998	16.08 -0.39 0.00	11.79 -0.27 -0.29	2.42 -0.02 -1.52	2.69 -0.03 -1.53	7.44 -0.15 -1.03	20.59 -0.47 0.00	22.52 -0.55 0.00	31.20 -0.78 -0.70	22.38 -0.54 -0.01	19.46 -0.38 0.00	21.77 -0.42 0.00	23.18 -0.42 0.00	25.73 -0.45 0.00	26.31 -0.42 0.00	25.10 -0.37 0.00	24.18 -0.44 -0.01	31.62 -0.39 0.00	44.29 -0.45 -0.23	27.81 -0.31 0.00	24.82 -0.25 0.00	22.61 -0.28 0.00	25.52 -0.43 0.00	28.17 -0.50 0.00	25.94 -0.46 0.00
BROOKHAVEN___DRP 24191	17.29 0.82 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.04 -19.91	20.22 0.28 -13.39	22.07 1.01 0.00	24.18 1.11 0.00	32.73 1.46 0.00	23.95 1.04 0.00	20.67 0.83 0.00	23.23 1.04 0.00	24.58 0.98 0.00	27.14 0.96 0.00	27.88 1.15 0.00	26.65 1.17 0.00	25.89 1.29 0.00	33.80 1.80 0.00	46.63 2.13 0.00	29.74 1.62 0.00	26.44 1.37 0.00	24.02 1.14 0.00	26.74 0.79 0.00	29.71 1.02 0.00	27.15 0.75 0.00
BROOKLYN_NAVY_YARD 23515	17.13 0.67 0.00	15.95 0.46 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.16 0.22 -13.39	21.83 0.77 0.00	23.94 0.87 0.00	32.63 1.36 0.00	23.96 1.05 0.00	20.83 0.99 0.00	23.37 1.19 0.00	24.79 1.20 0.00	27.51 1.33 0.00	28.16 1.43 0.00	26.89 1.42 0.00	26.13 1.53 0.00	34.02 2.01 0.00	47.18 2.67 0.00	29.94 1.82 0.00	26.64 1.57 0.00	24.19 1.31 0.00	27.09 1.15 0.00	29.83 1.15 0.00	27.33 0.93 0.00
BROOKLYN___ARMY_DRP 323595	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
BROOKVLE_69_KV_TB1 55790	17.40 0.93 0.00	16.12 0.62 -3.72	20.69 0.04 -19.72	21.13 0.06 -19.91	20.26 0.33 -13.39	22.15 1.09 0.00	24.36 1.29 0.00	33.16 1.90 0.00	24.29 1.37 0.00	21.03 1.19 0.00	23.66 1.48 0.00	25.16 1.56 0.00	27.87 1.69 0.00	28.60 1.86 0.00	27.31 1.84 0.00	26.44 1.85 0.00	34.41 2.40 0.00	47.60 3.09 0.00	30.26 2.14 0.00	26.89 1.83 0.00	24.43 1.55 0.00	27.31 1.36 0.00	30.21 1.53 0.00	27.69 1.29 0.00
BROOME_2_LFGE 323671	14.32 -0.23 1.91	12.32 -0.17 -0.73	6.88 -0.02 -5.97	7.19 -0.02 -6.04	10.05 -0.10 -3.60	20.46 -0.26 0.34	22.84 -0.23 0.00	30.88 -0.15 0.24	22.80 -0.11 0.00	19.77 -0.08 0.00	22.15 -0.04 0.00	23.67 0.07 0.00	26.35 0.18 0.00	26.93 0.20 0.00	25.70 0.23 0.00	24.76 0.16 0.00	32.36 0.35 0.00	44.99 0.56 0.08	28.43 0.31 0.00	25.39 0.32 0.00	23.05 0.16 0.00	25.99 0.04 0.00	28.73 0.05 0.00	26.40 0.01 0.00
BROOME___LFGE 323600	14.32 -0.23 1.91	12.32 -0.17 -0.73	6.88 -0.02 -5.97	7.19 -0.02 -6.04	10.05 -0.10 -3.60	20.46 -0.26 0.34	22.84 -0.23 0.00	30.88 -0.15 0.24	22.80 -0.11 0.00	19.77 -0.08 0.00	22.15 -0.04 0.00	23.67 0.07 0.00	26.35 0.18 0.00	26.93 0.20 0.00	25.70 0.23 0.00	24.76 0.16 0.00	32.36 0.35 0.00	44.99 0.56 0.08	28.43 0.31 0.00	25.39 0.32 0.00	23.05 0.16 0.00	25.99 0.04 0.00	28.73 0.05 0.00	26.40 0.01 0.00
BROWNFLS_115KV_TB_3_5 80003	21.01 -0.51 -5.05	15.94 -0.36 -4.53	2.12 -0.03 -1.22	2.97 -0.03 -1.83	7.22 -0.20 -0.87	20.36 -0.71 0.00	22.38 -0.70 0.00	30.31 -0.96 0.00	22.28 -0.63 0.00	19.26 -0.58 0.00	21.46 -0.72 0.00	22.86 -0.73 0.00	25.26 -0.92 0.00	25.56 -1.18 0.00	24.33 -1.14 0.00	23.71 -0.89 0.00	31.13 -0.88 0.00	43.69 -0.82 0.00	27.65 -0.47 0.00	24.73 -0.34 0.00	22.60 -0.28 0.00	25.72 -0.23 0.00	28.44 -0.24 0.00	26.19 -0.21 0.00
BROWNSV1_27_KV_LOAD 356125	17.28 0.82 0.00	16.06 0.56 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.22 0.28 -13.39	22.01 0.94 0.00	24.17 1.09 0.00	32.95 1.69 0.00	24.21 1.29 0.00	21.04 1.20 0.00	23.58 1.40 0.00	25.07 1.47 0.00	27.81 1.63 0.00	28.47 1.74 0.00	27.19 1.72 0.00	26.40 1.80 0.00	34.38 2.38 0.00	47.71 3.20 0.00	30.27 2.15 0.00	26.92 1.85 0.00	24.45 1.56 0.00	27.39 1.44 0.00	30.14 1.47 0.00	27.61 1.22 0.00
BURROWS___LYONSDAL 23803	17.80 -0.08 -1.41	13.07 -0.06 -1.36	1.76 -0.01 -0.84	2.18 0.00 -1.01	7.09 -0.05 -0.58	20.86 -0.20 0.00	22.87 -0.20 0.00	31.03 -0.24 0.00	22.90 -0.01 0.00	19.83 -0.02 0.00	22.12 -0.06 0.00	23.59 -0.01 0.00	26.07 -0.11 0.00	26.43 -0.31 0.00	25.23 -0.24 0.00	24.64 0.05 0.00	32.41 0.41 0.00	45.45 0.94 0.00	28.72 0.60 0.00	25.71 0.65 0.00	23.44 0.55 0.00	26.50 0.55 0.00	29.23 0.55 0.00	26.86 0.46 0.00
CAITHNESS_CC_1 323624	17.29 0.82 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.04 -19.91	20.22 0.28 -13.39	22.06 0.99 0.00	24.17 1.10 0.00	32.73 1.47 0.00	23.95 1.03 0.00	20.68 0.84 0.00	23.26 1.07 0.00	24.60 1.00 0.00	27.16 0.99 0.00	27.90 1.16 0.00	26.65 1.18 0.00	25.89 1.30 0.00	33.78 1.78 0.00	46.61 2.10 0.00	29.74 1.62 0.00	26.45 1.38 0.00	24.03 1.15 0.00	26.76 0.81 0.00	29.73 1.05 0.00	27.18 0.78 0.00
CALPINE BETH_PAGE_GT4 24209	17.39 0.92 0.00	16.10 0.61 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.26 0.32 -13.39	22.14 1.07 0.00	24.33 1.25 0.00	33.11 1.84 0.00	24.22 1.31 0.00	20.96 1.12 0.00	23.58 1.40 0.00	25.04 1.44 0.00	27.73 1.56 0.00	28.44 1.71 0.00	27.12 1.65 0.00	26.25 1.65 0.00	34.10 2.10 0.00	47.15 2.65 0.00	30.02 1.90 0.00	26.67 1.60 0.00	24.23 1.34 0.00	27.08 1.13 0.00	30.10 1.42 0.00	27.60 1.21 0.00
CALPINE_BETH_PAGE_GT_4 323586	17.39 0.92 0.00	16.10 0.61 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.26 0.32 -13.39	22.13 1.07 0.00	24.33 1.25 0.00	33.11 1.84 0.00	24.22 1.31 0.00	20.96 1.12 0.00	23.59 1.41 0.00	25.04 1.44 0.00	27.73 1.55 0.00	28.44 1.71 0.00	27.12 1.65 0.00	26.25 1.65 0.00	34.10 2.10 0.00	47.15 2.64 0.00	30.02 1.90 0.00	26.67 1.60 0.00	24.23 1.34 0.00	27.08 1.13 0.00	30.10 1.42 0.00	27.60 1.21 0.00
CALPINE_BP_GT1 23823	17.39 0.92 0.00	16.10 0.61 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.26 0.32 -13.39	22.13 1.07 0.00	24.33 1.25 0.00	33.11 1.84 0.00	24.22 1.31 0.00	20.96 1.12 0.00	23.59 1.41 0.00	25.04 1.44 0.00	27.73 1.55 0.00	28.44 1.71 0.00	27.12 1.65 0.00	26.25 1.65 0.00	34.10 2.10 0.00	47.15 2.64 0.00	30.02 1.90 0.00	26.67 1.60 0.00	24.23 1.34 0.00	27.08 1.13 0.00	30.10 1.42 0.00	27.60 1.21 0.00
CALSPAN___DRP 24200	9.86 -1.64 4.97	9.87 -1.24 0.66	2.86 -0.09 -2.03	3.15 -0.11 -2.09	6.12 -0.62 -0.19	18.33 -1.85 0.88	21.14 -1.93 0.00	28.02 -2.38 0.86	21.41 -1.50 0.01	18.68 -1.16 0.00	21.12 -1.07 0.00	22.76 -0.84 0.00	25.60 -0.58 0.00	26.17 -0.57 0.00	24.94 -0.54 0.00	23.67 -0.91 0.01	31.05 -0.95 0.00	42.83 -1.40 0.28	26.94 -1.18 0.00	24.11 -0.96 0.00	21.63 -1.26 0.00	24.71 -1.24 0.00	27.76 -0.92 0.00	25.73 -0.67 0.00

CALVERTON___SOLAR 323806	17.31 0.84 0.00	16.03 0.54 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.23 0.29 -13.39	22.11 1.05 0.00	24.22 1.15 0.00	32.77 1.51 0.00	23.97 1.05 0.00	20.69 0.85 0.00	23.25 1.07 0.00	24.59 0.99 0.00	27.15 0.97 0.00	27.90 1.17 0.00	26.66 1.19 0.00	25.91 1.31 0.00	33.84 1.84 0.00	46.73 2.22 0.00	29.76 1.64 0.00	26.45 1.38 0.00	24.03 1.15 0.00	26.73 0.78 0.00	29.69 1.01 0.00	27.13 0.73 0.00
CANDIGU_WT_PWR 323617	6.85 -1.28 8.35	9.56 -0.94 1.27	3.36 -0.08 -2.51	3.68 -0.09 -2.59	5.75 -0.51 0.30	18.18 -1.39 1.49	21.59 -1.47 0.00	28.89 -1.79 0.59	21.75 -1.15 0.01	18.91 -0.93 0.00	21.31 -0.88 0.00	22.83 -0.77 0.00	25.65 -0.53 0.00	26.26 -0.47 0.00	25.02 -0.45 0.00	23.68 -0.90 0.01	31.08 -0.92 0.00	43.15 -1.16 0.19	27.28 -0.84 0.00	24.58 -0.49 0.00	21.94 -0.94 0.00	24.88 -1.07 0.00	27.96 -0.72 0.00	25.94 -0.46 0.00
CARR STREET_E_SYR 24060	16.18 -0.29 0.00	11.89 -0.21 -0.33	2.66 -0.02 -1.75	2.92 -0.02 -1.76	7.63 -0.11 -1.19	20.72 -0.34 0.00	22.68 -0.39 0.00	30.35 -0.52 0.40	22.55 -0.36 0.00	19.57 -0.27 0.00	21.90 -0.29 0.00	23.36 -0.24 0.00	25.93 -0.24 0.00	26.53 -0.20 0.00	25.31 -0.16 0.00	24.37 -0.22 0.01	31.84 -0.16 0.00	44.23 -0.15 0.13	28.01 -0.11 0.00	24.99 -0.07 0.00	22.75 -0.14 0.00	25.68 -0.27 0.00	28.36 -0.32 0.00	26.10 -0.30 0.00
CARTHAGE___PAPER 23857	18.46 -0.29 -2.29	13.75 -0.20 -2.18	2.11 -0.02 -1.20	2.64 -0.02 -1.49	7.26 -0.13 -0.84	20.55 -0.52 0.00	22.58 -0.49 0.00	30.63 -0.64 0.00	22.61 -0.30 0.00	19.60 -0.24 0.00	21.81 -0.37 0.00	23.35 -0.24 0.00	25.73 -0.45 0.00	25.91 -0.83 0.00	24.73 -0.74 0.00	24.18 -0.42 0.00	32.19 0.19 0.00	45.34 0.83 0.00	28.65 0.52 0.00	25.68 0.61 0.00	23.41 0.52 0.00	26.51 0.56 0.00	29.23 0.55 0.00	26.87 0.47 0.00
CASSADAGA_WT_PWR 323784	9.04 -1.76 5.66	9.69 -1.29 0.80	2.88 -0.10 -2.06	3.19 -0.11 -2.12	6.04 -0.56 -0.05	18.46 -1.60 1.01	21.35 -1.73 0.00	28.31 -2.13 0.83	21.47 -1.43 0.01	18.74 -1.10 0.00	21.28 -0.90 0.00	23.14 -0.46 0.00	26.01 -0.17 0.00	26.67 -0.07 0.00	25.29 -0.18 0.00	23.62 -0.96 0.01	31.12 -0.88 0.00	43.15 -1.09 0.27	27.21 -0.92 0.00	24.57 -0.50 0.00	21.86 -1.03 0.00	24.87 -1.08 0.00	28.19 -0.49 0.00	26.30 -0.09 0.00
CE_DUNWOOD___DRP 24194	17.13 0.66 0.00	15.94 0.45 -3.72	20.65 0.03 -19.69	21.09 0.04 -19.88	20.14 0.22 -13.37	21.82 0.76 0.00	23.95 0.88 0.00	32.63 1.36 0.00	23.93 1.02 0.00	20.77 0.93 0.00	23.27 1.08 0.00	24.73 1.13 0.00	27.41 1.24 0.00	28.06 1.33 0.00	26.78 1.30 0.00	25.98 1.39 0.00	33.89 1.89 0.00	47.04 2.53 0.00	29.84 1.72 0.00	26.55 1.48 0.00	24.12 1.24 0.00	27.03 1.08 0.00	29.79 1.12 0.00	27.30 0.91 0.00
CE_MILLWOOD___DRP 24193	17.07 0.60 0.00	15.84 0.41 -3.67	20.38 0.03 -19.43	20.82 0.03 -19.61	19.94 0.20 -13.19	21.75 0.69 0.00	23.88 0.81 0.00	32.54 1.28 0.00	23.85 0.93 0.00	20.69 0.85 0.00	23.17 0.99 0.00	24.61 1.02 0.00	27.31 1.13 0.00	27.94 1.21 0.00	26.67 1.20 0.00	25.88 1.29 0.00	33.76 1.76 0.00	46.84 2.33 0.00	29.72 1.60 0.00	26.45 1.38 0.00	24.03 1.14 0.00	26.93 0.98 0.00	29.69 1.01 0.00	27.22 0.83 0.00
CE_NYC2_DRP 24202	17.20 0.73 0.00	16.00 0.51 -3.72	20.68 0.04 -19.72	21.13 0.04 -19.91	20.19 0.25 -13.39	21.92 0.85 0.00	24.05 0.98 0.00	32.78 1.51 0.00	24.09 1.18 0.00	20.95 1.10 -0.01	23.46 1.28 0.00	24.93 1.33 0.00	27.67 1.49 0.00	28.32 1.58 -0.01	27.04 1.57 -0.01	26.24 1.64 -0.01	34.18 2.18 -0.01	47.38 2.87 0.00	30.09 1.97 0.00	26.76 1.69 0.00	24.30 1.41 0.00	27.19 1.24 0.00	29.94 1.26 0.00	27.43 1.04 0.00
CE_NYC_DRP 24195	17.16 0.70 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.23 -13.39	21.86 0.80 0.00	23.99 0.92 0.00	32.70 1.43 0.00	24.01 1.10 0.00	20.87 1.03 0.00	23.40 1.22 0.00	24.86 1.26 0.00	27.58 1.40 0.00	28.23 1.49 0.00	26.96 1.49 0.00	26.17 1.57 0.00	34.08 2.08 0.00	47.26 2.75 0.00	30.01 1.89 0.00	26.69 1.62 0.00	24.24 1.36 0.00	27.15 1.20 0.00	29.89 1.21 0.00	27.38 0.99 0.00
CHAFFEE___LFGE 323603	9.59 -1.52 5.36	9.88 -1.16 0.74	2.89 -0.09 -2.05	3.19 -0.10 -2.11	6.08 -0.59 -0.12	18.41 -1.70 0.95	21.30 -1.77 0.00	28.28 -2.14 0.84	21.59 -1.31 0.01	18.82 -1.02 0.00	21.24 -0.94 0.00	22.92 -0.69 0.00	25.79 -0.39 0.00	26.35 -0.39 0.00	25.13 -0.35 0.00	23.86 -0.72 0.01	31.31 -0.69 0.00	43.19 -1.05 0.27	27.19 -0.93 0.00	24.31 -0.75 0.00	21.81 -1.08 0.00	24.91 -1.04 0.00	27.95 -0.73 0.00	25.87 -0.53 0.00
CHATEAUG_35_KV_LOAD 355732	-23.73 -0.59 39.61	-23.43 -0.43 34.78	-4.51 -0.01 5.43	-9.04 -0.04 10.17	2.31 -0.19 4.05	20.53 -0.53 0.00	22.87 -0.20 0.00	30.89 -0.38 0.00	22.55 -0.36 0.00	19.41 -0.43 0.00	21.58 -0.60 0.00	22.59 -1.01 0.00	24.98 -1.20 0.00	25.73 -1.00 0.00	24.68 -0.78 0.00	23.96 -0.64 0.00	30.93 -1.07 0.00	43.45 -1.06 0.00	27.93 -0.19 0.00	24.97 -0.10 0.00	22.71 -0.17 0.00	25.94 -0.01 0.00	28.66 -0.02 0.00	26.36 -0.03 0.00
CHATEAUG_WT_PWR 323614	-21.03 -0.67 36.83	-21.05 -0.48 32.34	-4.13 -0.01 5.05	-8.33 -0.04 9.46	2.58 -0.21 3.77	20.46 -0.60 0.00	22.68 -0.39 0.00	30.53 -0.74 0.00	22.27 -0.64 0.00	19.19 -0.65 0.00	21.34 -0.85 0.00	22.25 -1.35 0.00	24.57 -1.61 0.00	25.37 -1.36 0.00	24.37 -1.10 0.00	23.61 -0.99 0.00	30.59 -1.41 0.00	43.05 -1.46 0.00	27.63 -0.50 0.00	24.65 -0.42 0.00	22.39 -0.49 0.00	25.60 -0.35 0.00	28.32 -0.36 0.00	26.05 -0.34 0.00
CHAT_HIGH_FALL_HYD 323578	-23.73 -0.59 39.61	-23.43 -0.43 34.78	-4.51 -0.01 5.43	-9.04 -0.04 10.17	2.31 -0.19 4.05	20.53 -0.53 0.00	22.87 -0.20 0.00	30.89 -0.38 0.00	22.55 -0.36 0.00	19.41 -0.43 0.00	21.58 -0.60 0.00	22.59 -1.01 0.00	24.98 -1.20 0.00	25.73 -1.00 0.00	24.68 -0.78 0.00	23.96 -0.64 0.00	30.93 -1.07 0.00	43.45 -1.06 0.00	27.93 -0.19 0.00	24.97 -0.10 0.00	22.71 -0.17 0.00	25.94 -0.01 0.00	28.66 -0.02 0.00	26.36 -0.03 0.00
CHAUTAUQUA___LFGE 323629	9.46 -1.70 5.32	9.81 -1.23 0.72	2.89 -0.10 -2.06	3.19 -0.11 -2.12	6.09 -0.59 -0.13	18.40 -1.72 0.94	21.25 -1.82 0.00	28.23 -2.20 0.84	21.43 -1.47 0.01	18.70 -1.14 0.00	21.18 -1.01 0.00	22.95 -0.65 0.00	25.83 -0.35 0.00	26.46 -0.28 0.00	25.17 -0.30 0.00	23.73 -0.86 0.01	31.14 -0.86 0.00	43.09 -1.14 0.27	27.14 -0.98 0.00	24.42 -0.65 0.00	21.84 -1.05 0.00	24.86 -1.09 0.00	27.96 -0.71 0.00	25.96 -0.43 0.00
CHERRYST_13_KV_LD 356241	17.20 0.73 0.00	16.00 0.51 -3.72	20.68 0.04 -19.72	21.13 0.04 -19.91	20.19 0.25 -13.39	21.92 0.86 0.00	24.06 0.99 0.00	32.80 1.53 0.00	24.09 1.18 0.00	20.95 1.11 0.00	23.48 1.30 0.00	24.95 1.35 0.00	27.68 1.50 0.00	28.34 1.60 0.00	27.06 1.59 0.00	26.27 1.67 0.00	34.21 2.21 0.00	47.44 2.93 0.00	30.11 1.99 0.00	26.77 1.70 0.00	24.31 1.43 0.00	27.23 1.28 0.00	29.97 1.29 0.00	27.46 1.06 0.00

CHESTROR_138KV_BK263 355645	16.92 0.46 0.00	15.51 0.31 -3.42	19.07 0.02 -18.13	19.50 0.03 -18.30	19.01 0.15 -12.30	21.59 0.53 0.00	23.70 0.63 0.00	32.29 1.03 0.00	23.64 0.73 0.00	20.50 0.66 0.00	22.93 0.74 0.00	24.36 0.77 0.00	27.04 0.86 0.00	27.67 0.94 0.00	26.42 0.95 0.00	25.62 1.02 0.00	33.40 1.40 0.00	46.39 1.88 0.00	29.43 1.31 0.00	26.20 1.14 0.00	23.82 0.93 0.00	26.72 0.76 0.00	29.47 0.79 0.00	27.04 0.64 0.00
CH_MIDHUDSON___DRP 24192	17.12 0.65 0.00	15.98 0.44 -3.76	20.90 0.03 -19.95	21.35 0.04 -20.14	20.31 0.22 -13.54	21.81 0.75 0.00	23.94 0.87 0.00	32.62 1.35 0.00	23.89 0.98 0.00	20.72 0.87 0.00	23.18 0.99 0.00	24.63 1.03 0.00	27.27 1.09 0.00	27.91 1.18 0.00	26.63 1.16 0.00	25.82 1.22 0.00	33.75 1.74 0.00	46.91 2.41 0.00	29.74 1.62 0.00	26.48 1.41 0.00	24.07 1.18 0.00	26.99 1.04 0.00	29.74 1.06 0.00	27.25 0.86 0.00
CH_MISC_IPPS 23765	17.16 0.70 0.00	15.95 0.48 -3.70	20.55 0.03 -19.59	21.00 0.04 -19.78	20.09 0.23 -13.30	21.88 0.82 0.00	24.03 0.96 0.00	32.75 1.48 0.00	23.99 1.08 0.00	20.82 0.98 0.00	23.30 1.11 0.00	24.74 1.14 0.00	27.41 1.23 0.00	28.08 1.34 0.00	26.82 1.35 0.00	26.01 1.42 0.00	33.96 1.96 0.00	47.20 2.69 0.00	29.96 1.84 0.00	26.68 1.61 0.00	24.24 1.35 0.00	27.17 1.22 0.00	29.92 1.24 0.00	27.42 1.03 0.00
CH_RES_BVR_FALLS 23983	16.32 -0.15 0.00	11.65 -0.12 0.00	0.92 0.00 0.00	1.17 -0.01 0.00	6.48 -0.07 0.00	20.84 -0.23 0.00	22.84 -0.23 0.00	30.88 -0.39 0.00	22.68 -0.23 0.00	19.61 -0.23 0.00	21.90 -0.28 0.00	23.25 -0.35 0.00	25.72 -0.45 0.00	26.16 -0.58 0.00	24.89 -0.58 0.00	24.15 -0.45 0.00	31.42 -0.59 0.00	43.79 -0.72 0.00	27.60 -0.52 0.00	24.58 -0.48 0.00	22.54 -0.34 0.00	25.72 -0.23 0.00	28.50 -0.18 0.00	26.29 -0.11 0.00
CH_RES_NIAGARA 23895	9.77 -2.38 4.32	9.56 -1.67 0.54	2.74 -0.13 -1.94	3.02 -0.14 -1.99	5.98 -0.85 -0.28	17.63 -2.66 0.78	20.23 -2.84 0.00	26.74 -3.62 0.91	20.51 -2.39 0.01	17.91 -1.93 0.00	20.26 -1.93 0.00	21.86 -1.73 0.01	24.60 -1.58 0.00	25.13 -1.60 0.01	23.90 -1.57 0.00	22.70 -1.88 0.02	29.74 -2.26 0.00	40.89 -3.32 0.30	25.72 -2.40 0.00	23.00 -2.07 0.00	20.62 -2.26 0.00	23.68 -2.27 0.00	26.73 -1.95 0.00	24.79 -1.61 0.00
CH_RES_SYRACUSE 23985	16.30 -0.17 0.00	12.01 -0.12 -0.36	2.80 -0.01 -1.88	3.06 -0.01 -1.90	7.77 -0.06 -1.28	20.90 -0.16 0.00	22.87 -0.21 0.00	30.97 -0.22 0.00	22.69 -0.22 0.00	19.69 -0.16 0.00	22.02 -0.16 0.00	23.49 -0.11 0.00	26.09 -0.08 0.00	26.69 -0.04 0.00	25.47 0.00 0.00	24.49 -0.10 0.00	32.06 0.06 0.00	44.68 0.17 0.00	28.20 0.08 0.00	25.17 0.10 0.00	22.91 0.03 0.00	25.86 -0.10 0.00	28.56 -0.12 0.00	26.26 -0.13 0.00
CLINTON_WT_PWR 323605	-21.03 -0.67 36.83	-21.05 -0.48 32.34	-4.13 -0.01 5.05	-8.33 -0.04 9.46	2.58 -0.21 3.77	20.46 -0.60 0.00	22.68 -0.39 0.00	30.53 -0.74 0.00	22.27 -0.64 0.00	19.19 -0.65 0.00	21.34 -0.85 0.00	22.25 -1.35 0.00	24.57 -1.61 0.00	25.37 -1.36 0.00	24.37 -1.10 0.00	23.61 -0.99 0.00	30.59 -1.41 0.00	43.05 -1.46 0.00	27.63 -0.50 0.00	24.65 -0.42 0.00	22.39 -0.49 0.00	25.60 -0.35 0.00	28.32 -0.36 0.00	26.05 -0.34 0.00
CLINTON___LFGE 323618	-21.61 -0.52 37.56	-21.56 -0.36 32.97	-4.22 0.00 5.15	-8.51 -0.03 9.65	2.54 -0.17 3.84	20.56 -0.50 0.00	22.86 -0.21 0.00	30.87 -0.40 0.00	22.53 -0.38 0.00	19.40 -0.44 0.00	21.57 -0.61 0.00	22.57 -1.03 0.00	24.96 -1.22 0.00	25.71 -1.02 0.00	24.67 -0.80 0.00	23.94 -0.66 0.00	30.92 -1.08 0.00	43.42 -1.09 0.00	27.92 -0.21 0.00	24.95 -0.12 0.00	22.69 -0.19 0.00	25.92 -0.03 0.00	28.65 -0.03 0.00	26.34 -0.06 0.00
COBBLENY_34_KV_TB1 80064	9.59 -1.52 5.36	9.87 -1.16 0.74	2.89 -0.09 -2.05	3.19 -0.10 -2.11	6.09 -0.58 -0.12	18.40 -1.71 0.95	21.30 -1.77 0.00	28.28 -2.14 0.84	21.59 -1.31 0.01	18.83 -1.01 0.00	21.29 -0.90 0.00	22.92 -0.68 0.00	25.78 -0.40 0.00	26.35 -0.39 0.00	25.12 -0.35 0.00	23.86 -0.73 0.01	31.30 -0.70 0.00	43.19 -1.05 0.27	27.18 -0.95 0.00	24.31 -0.76 0.00	21.81 -1.08 0.00	24.91 -1.04 0.00	27.95 -0.73 0.00	25.87 -0.53 0.00
COFFEEN___115KV_TB3 355620	18.11 -0.26 -1.90	13.46 -0.18 -1.86	2.18 -0.02 -1.27	2.67 -0.01 -1.51	7.32 -0.11 -0.88	20.59 -0.47 0.00	22.66 -0.42 0.00	30.91 -0.55 -0.19	22.67 -0.25 0.00	19.66 -0.18 0.00	21.91 -0.27 0.00	23.47 -0.13 0.00	25.85 -0.33 0.00	26.02 -0.71 0.00	24.87 -0.61 0.00	24.15 -0.45 0.00	32.51 0.51 0.00	45.62 1.05 -0.06	28.85 0.73 0.00	25.90 0.83 0.00	23.58 0.70 0.00	26.67 0.72 0.00	29.38 0.70 0.00	26.98 0.58 0.00
COLDSPRG_115KV_BK1 355956	9.17 -1.08 6.21	10.02 -0.84 0.91	2.92 -0.07 -2.06	3.23 -0.07 -2.13	6.09 -0.37 0.09	18.94 -1.02 1.10	22.07 -0.99 0.00	29.38 -1.08 0.80	22.29 -0.62 0.01	19.45 -0.40 0.00	22.00 -0.18 0.00	23.74 0.13 0.00	26.65 0.47 0.00	27.27 0.53 0.00	25.97 0.50 0.00	24.53 -0.06 0.01	32.24 0.24 0.00	44.62 0.37 0.26	28.15 0.03 0.00	25.24 0.17 0.00	22.60 -0.29 0.00	25.62 -0.33 0.00	28.78 0.10 0.00	26.67 0.27 0.00
COLONIE_LFGE___ 323577	17.16 0.69 0.00	16.79 0.48 -4.54	25.03 0.03 -24.07	25.52 0.05 -24.30	23.14 0.25 -16.34	21.83 0.77 0.00	23.96 0.89 0.00	32.58 1.31 0.00	23.86 0.94 0.00	20.67 0.83 0.00	22.97 0.78 0.00	24.39 0.79 0.00	27.03 0.85 0.00	27.68 0.94 0.00	26.24 0.77 0.00	25.45 0.85 0.00	33.53 1.53 0.00	46.79 2.28 0.00	29.59 1.47 0.00	26.42 1.35 0.00	24.04 1.15 0.00	26.96 1.02 0.00	29.72 1.04 0.00	27.31 0.92 0.00
COOPERNY_115KV_TB1 80082	16.76 0.29 0.00	14.77 0.20 -2.79	15.74 0.01 -14.80	16.13 0.02 -14.94	16.69 0.10 -10.05	21.40 0.34 0.00	23.48 0.41 0.00	31.94 0.67 0.00	23.40 0.48 0.00	20.28 0.44 0.00	22.69 0.50 0.00	24.11 0.51 0.00	26.76 0.58 0.00	27.37 0.63 0.00	26.13 0.65 0.00	25.30 0.70 0.00	32.97 0.97 0.00	45.79 1.28 0.00	29.02 0.90 0.00	25.86 0.79 0.00	23.53 0.64 0.00	26.45 0.50 0.00	29.20 0.52 0.00	26.82 0.42 0.00
COPENHAGEN_WT_PWR 323753	17.78 -0.49 -1.80	13.22 -0.32 -1.78	2.19 -0.03 -1.29	2.66 -0.03 -1.52	7.25 -0.20 -0.89	20.27 -0.80 0.00	22.22 -0.85 0.00	30.34 -1.14 -0.21	22.36 -0.55 0.00	19.43 -0.41 0.00	21.62 -0.57 0.00	23.18 -0.42 0.00	25.42 -0.76 0.00	25.62 -1.11 0.00	24.51 -0.96 0.00	23.94 -0.66 0.00	32.10 0.10 0.00	45.07 0.49 -0.07	28.51 0.39 0.00	25.53 0.46 0.00	23.23 0.35 0.00	26.31 0.36 0.00	29.05 0.37 0.00	26.72 0.32 0.00
CORNELL_____ 23752	43.99 -0.01 -27.53	19.54 -0.03 -7.80	11.74 0.00 -10.82	11.89 0.00 -10.71	20.51 0.00 -13.96	26.02 0.04 -4.92	23.22 0.14 -0.01	31.34 0.34 0.27	23.09 0.18 0.00	19.93 0.09 0.00	22.26 0.08 0.00	23.76 0.17 0.00	26.43 0.25 0.00	27.04 0.31 0.00	25.90 0.43 0.00	24.88 0.29 0.00	32.55 0.54 0.00	45.61 1.20 0.09	28.95 0.83 0.00	25.86 0.79 0.00	23.49 0.60 0.00	26.45 0.51 0.00	29.19 0.51 0.00	26.80 0.40 0.00

CORONA_69_KV_TB1 355595	17.35 0.88 0.00	16.08 0.59 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.25 0.31 -13.39	22.11 1.05 0.00	24.29 1.22 0.00	33.04 1.77 0.00	24.17 1.26 0.00	20.94 1.10 0.00	23.60 1.42 0.00	25.07 1.47 0.00	27.75 1.57 0.00	28.45 1.71 0.00	27.19 1.71 0.00	26.31 1.72 0.00	34.27 2.26 0.00	47.39 2.88 0.00	30.17 2.04 0.00	26.81 1.74 0.00	24.37 1.48 0.00	27.30 1.35 0.00	30.23 1.55 0.00	27.64 1.25 0.00
CORTLAND_115KV_TB3 80093	24.09 -0.07 -7.69	14.33 -0.06 -2.62	6.29 0.00 -5.37	6.53 -0.01 -5.36	12.01 -0.03 -5.49	22.38 -0.06 -1.38	23.06 -0.01 0.00	31.13 0.09 0.22	22.95 0.04 0.00	19.86 0.02 0.00	22.20 0.02 0.00	23.69 0.09 0.00	26.33 0.16 0.00	26.94 0.21 0.00	25.76 0.29 0.00	24.80 0.20 0.00	32.38 0.38 0.00	45.24 0.80 0.07	28.64 0.52 0.00	25.57 0.51 0.00	23.25 0.36 0.00	26.20 0.26 0.00	28.93 0.25 0.00	26.59 0.20 0.00
COXSACKIE___GT 23611	17.60 1.14 0.00	16.85 0.80 -4.27	23.63 0.05 -22.65	24.12 0.07 -22.87	22.34 0.41 -15.38	22.41 1.35 0.00	24.55 1.48 0.00	33.40 2.13 0.00	24.30 1.39 0.00	20.81 0.97 0.00	22.95 0.76 0.00	24.42 0.82 0.00	27.18 1.00 0.00	27.82 1.08 0.00	26.63 1.16 0.00	25.54 0.94 0.00	33.84 1.84 0.00	48.16 3.65 0.00	30.54 2.42 0.00	27.27 2.20 0.00	24.76 1.88 0.00	27.80 1.85 0.00	30.53 1.85 0.00	27.98 1.59 0.00
CPV_VALLEY___CC1 323721	16.82 0.35 0.00	15.21 0.24 -3.20	17.89 0.02 -16.95	18.30 0.02 -17.11	18.17 0.11 -11.50	21.46 0.40 0.00	23.54 0.47 0.00	32.04 0.78 0.00	23.47 0.56 0.00	20.36 0.52 0.00	22.78 0.59 0.00	24.20 0.60 0.00	26.85 0.67 0.00	27.47 0.73 0.00	26.23 0.75 0.00	25.42 0.82 0.00	33.12 1.12 0.00	46.01 1.50 0.00	29.17 1.05 0.00	25.98 0.92 0.00	23.63 0.74 0.00	26.52 0.57 0.00	29.26 0.58 0.00	26.86 0.47 0.00
CPV_VALLEY___CC2 323722	16.82 0.35 0.00	15.21 0.24 -3.20	17.89 0.02 -16.95	18.30 0.02 -17.11	18.17 0.11 -11.50	21.46 0.40 0.00	23.54 0.47 0.00	32.04 0.78 0.00	23.47 0.56 0.00	20.36 0.52 0.00	22.78 0.59 0.00	24.20 0.60 0.00	26.85 0.67 0.00	27.47 0.73 0.00	26.23 0.75 0.00	25.42 0.82 0.00	33.12 1.12 0.00	46.01 1.50 0.00	29.17 1.05 0.00	25.98 0.92 0.00	23.63 0.74 0.00	26.52 0.57 0.00	29.26 0.58 0.00	26.86 0.47 0.00
CRESCENT___HYD 24018	17.16 0.69 0.00	16.79 0.48 -4.54	25.03 0.03 -24.07	25.52 0.05 -24.30	23.14 0.25 -16.34	21.83 0.77 0.00	23.96 0.89 0.00	32.58 1.31 0.00	23.86 0.94 0.00	20.67 0.83 0.00	22.97 0.78 0.00	24.39 0.79 0.00	27.03 0.85 0.00	27.68 0.94 0.00	26.24 0.77 0.00	25.45 0.85 0.00	33.53 1.53 0.00	46.79 2.28 0.00	29.59 1.47 0.00	26.42 1.35 0.00	24.04 1.15 0.00	26.96 1.02 0.00	29.72 1.04 0.00	27.31 0.92 0.00
CRICKET___VALLEY_CC1 323756	17.07 0.60 0.00	16.05 0.39 -3.89	21.56 0.02 -20.61	22.02 0.03 -20.81	20.73 0.19 -13.99	21.72 0.66 0.00	23.81 0.74 0.00	32.41 1.14 0.00	23.75 0.84 0.00	20.59 0.75 0.00	23.03 0.85 0.00	24.46 0.87 0.00	27.05 0.87 0.00	27.66 0.92 0.00	26.33 0.85 0.00	25.55 0.96 0.00	33.49 1.49 0.00	46.61 2.10 0.00	29.49 1.37 0.00	26.27 1.20 0.00	23.88 0.99 0.00	26.79 0.84 0.00	29.52 0.84 0.00	27.06 0.67 0.00
CRICKET___VALLEY_CC2 323757	17.07 0.60 0.00	16.05 0.39 -3.89	21.56 0.02 -20.61	22.02 0.03 -20.81	20.73 0.19 -13.99	21.72 0.66 0.00	23.81 0.74 0.00	32.41 1.14 0.00	23.75 0.84 0.00	20.59 0.75 0.00	23.03 0.85 0.00	24.46 0.87 0.00	27.05 0.87 0.00	27.66 0.92 0.00	26.33 0.85 0.00	25.55 0.96 0.00	33.49 1.49 0.00	46.61 2.10 0.00	29.49 1.37 0.00	26.27 1.20 0.00	23.88 0.99 0.00	26.79 0.84 0.00	29.52 0.84 0.00	27.06 0.67 0.00
CRICKET___VALLEY_CC3 323758	17.07 0.60 0.00	16.05 0.39 -3.89	21.56 0.02 -20.61	22.02 0.03 -20.81	20.73 0.19 -13.99	21.72 0.66 0.00	23.81 0.74 0.00	32.41 1.14 0.00	23.75 0.84 0.00	20.59 0.75 0.00	23.03 0.85 0.00	24.46 0.87 0.00	27.05 0.87 0.00	27.66 0.92 0.00	26.33 0.85 0.00	25.55 0.96 0.00	33.49 1.49 0.00	46.61 2.10 0.00	29.49 1.37 0.00	26.27 1.20 0.00	23.88 0.99 0.00	26.79 0.84 0.00	29.52 0.84 0.00	27.06 0.67 0.00
CRUCIBLE_METL_DRP 24180	16.30 -0.17 0.00	12.00 -0.12 -0.36	2.80 -0.01 -1.88	3.06 -0.01 -1.90	7.77 -0.06 -1.28	20.90 -0.16 0.00	22.87 -0.21 0.00	30.97 -0.30 0.00	22.69 -0.22 0.00	19.69 -0.16 0.00	22.03 -0.16 0.00	23.49 -0.11 0.00	26.09 -0.08 0.00	26.69 -0.04 0.00	25.47 0.00 0.00	24.49 -0.10 0.00	32.06 0.06 0.00	44.68 0.17 0.00	28.20 0.08 0.00	25.17 0.10 0.00	22.91 0.03 0.00	25.86 -0.10 0.00	28.56 -0.12 0.00	26.26 -0.13 0.00
DAHOWA___HYDRO 323763	17.43 0.96 0.00	17.04 0.67 -4.60	25.36 0.05 -24.39	25.87 0.07 -24.62	23.49 0.38 -16.56	22.28 1.22 0.00	24.57 1.50 0.00	33.42 2.16 0.00	24.30 1.39 0.00	20.95 1.11 0.00	23.19 1.01 0.00	24.64 1.05 0.00	27.42 1.25 0.00	28.11 1.38 0.00	26.66 1.19 0.00	25.92 1.33 0.00	34.15 2.15 0.00	47.62 3.11 0.00	30.23 2.11 0.00	26.99 1.92 0.00	24.61 1.73 0.00	27.65 1.70 0.00	30.45 1.77 0.00	27.96 1.56 0.00
DANC___LFGE 323619	17.27 -0.43 -1.24	12.79 -0.29 -1.32	2.29 -0.02 -1.39	2.70 -0.03 -1.55	7.33 -0.18 -0.96	20.40 -0.66 0.00	22.35 -0.72 0.00	30.58 -0.97 -0.29	22.37 -0.54 0.00	19.42 -0.42 0.00	21.66 -0.53 0.00	23.18 -0.42 0.00	25.55 -0.62 0.00	25.90 -0.83 0.00	24.75 -0.72 0.00	23.99 -0.61 0.00	31.85 -0.16 0.00	44.65 0.05 -0.09	28.20 0.08 0.00	25.22 0.15 0.00	22.98 0.09 0.00	26.00 0.05 0.00	28.71 0.03 0.00	26.42 0.02 0.00
DANSKAMMER___1 23586	17.16 0.70 0.00	15.95 0.48 -3.70	20.55 0.03 -19.59	21.00 0.04 -19.78	20.09 0.23 -13.30	21.88 0.82 0.00	24.03 0.96 0.00	32.75 1.48 0.00	23.99 1.08 0.00	20.82 0.98 0.00	23.30 1.11 0.00	24.74 1.14 0.00	27.41 1.23 0.00	28.08 1.34 0.00	26.82 1.35 0.00	26.01 1.42 0.00	33.96 1.96 0.00	47.20 2.69 0.00	29.96 1.84 0.00	26.68 1.61 0.00	24.24 1.35 0.00	27.17 1.22 0.00	29.92 1.24 0.00	27.42 1.03 0.00
DANSKAMMER___2 23589	17.16 0.70 0.00	15.95 0.48 -3.70	20.55 0.03 -19.59	21.00 0.04 -19.78	20.09 0.23 -13.30	21.88 0.82 0.00	24.03 0.96 0.00	32.75 1.48 0.00	23.99 1.08 0.00	20.82 0.98 0.00	23.30 1.11 0.00	24.74 1.14 0.00	27.41 1.23 0.00	28.08 1.34 0.00	26.82 1.35 0.00	26.01 1.42 0.00	33.96 1.96 0.00	47.20 2.69 0.00	29.96 1.84 0.00	26.68 1.61 0.00	24.24 1.35 0.00	27.17 1.22 0.00	29.92 1.24 0.00	27.42 1.03 0.00
DANSKAMMER___3 23590	17.16 0.70 0.00	15.95 0.48 -3.70	20.55 0.03 -19.59	21.00 0.04 -19.78	20.09 0.23 -13.30	21.88 0.82 0.00	24.03 0.96 0.00	32.75 1.48 0.00	23.99 1.08 0.00	20.82 0.98 0.00	23.30 1.11 0.00	24.74 1.14 0.00	27.41 1.23 0.00	28.08 1.34 0.00	26.82 1.35 0.00	26.01 1.42 0.00	33.96 1.96 0.00	47.20 2.69 0.00	29.96 1.84 0.00	26.68 1.61 0.00	24.24 1.35 0.00	27.17 1.22 0.00	29.92 1.24 0.00	27.42 1.03 0.00

DANSKAMMER___4 23591	17.16 0.70 0.00	15.95 0.48 -3.70	20.55 0.03 -19.59	21.00 0.04 -19.78	20.09 0.23 -13.30	21.88 0.82 0.00	24.03 0.96 0.00	32.75 1.48 0.00	23.99 1.08 0.00	20.82 0.98 0.00	23.30 1.11 0.00	24.74 1.14 0.00	27.41 1.23 0.00	28.08 1.34 0.00	26.82 1.35 0.00	26.01 1.42 0.00	33.96 1.96 0.00	47.20 2.69 0.00	29.96 1.84 0.00	26.68 1.61 0.00	24.24 1.35 0.00	27.17 1.22 0.00	29.92 1.24 0.00	27.42 1.03 0.00
DANSKAMMER___DIESEL 23592	17.16 0.69 0.00	15.94 0.48 -3.70	20.55 0.03 -19.59	21.00 0.04 -19.78	20.09 0.23 -13.30	21.88 0.82 0.00	24.03 0.96 0.00	32.75 1.48 0.00	23.99 1.08 0.00	20.82 0.98 0.00	23.29 1.11 0.00	24.74 1.14 0.00	27.41 1.23 0.00	28.08 1.34 0.00	26.82 1.35 0.00	26.01 1.42 0.00	33.97 1.96 0.00	47.20 2.69 0.00	29.96 1.84 0.00	26.68 1.61 0.00	24.23 1.35 0.00	27.17 1.22 0.00	29.92 1.25 0.00	27.42 1.03 0.00
DARBY___SOLAR 323810	17.36 0.89 0.00	16.98 0.62 -4.59	25.32 0.04 -24.34	25.81 0.06 -24.57	23.42 0.34 -16.53	22.18 1.11 0.00	24.43 1.36 0.00	33.24 1.97 0.00	24.18 1.27 0.00	20.85 1.01 0.00	23.10 0.91 0.00	24.54 0.94 0.00	27.30 1.12 0.00	27.99 1.26 0.00	26.54 1.07 0.00	25.80 1.20 0.00	33.98 1.98 0.00	47.39 2.87 0.00	30.08 1.96 0.00	26.85 1.78 0.00	24.48 1.59 0.00	27.50 1.55 0.00	30.29 1.61 0.00	27.82 1.42 0.00
DASHVILLE___HYD 23610	16.95 0.48 0.00	15.90 0.31 -3.82	21.17 0.02 -20.23	21.62 0.02 -20.42	20.42 0.13 -13.73	21.60 0.54 0.00	23.74 0.66 0.00	32.38 1.11 0.00	23.75 0.84 0.00	20.65 0.81 0.00	23.10 0.91 0.00	24.53 0.93 0.00	27.15 0.98 0.00	27.81 1.07 0.00	26.58 1.11 0.00	25.83 1.23 0.00	33.58 1.58 0.00	46.56 2.04 0.00	29.56 1.44 0.00	26.33 1.26 0.00	23.93 1.04 0.00	26.83 0.87 0.00	29.57 0.89 0.00	27.10 0.70 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	17.42 0.95 0.00	16.11 0.62 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.27 0.33 -13.39	22.46 1.40 0.00	24.63 1.56 0.00	33.32 2.05 0.00	24.38 1.47 0.00	21.05 1.21 0.00	23.66 1.48 0.00	25.04 1.44 0.00	27.65 1.47 0.00	28.46 1.72 0.00	27.16 1.69 0.00	26.42 1.82 0.00	34.54 2.54 0.00	47.70 3.19 0.00	29.95 1.83 0.00	26.53 1.46 0.00	24.11 1.22 0.00	26.73 0.78 0.00	29.69 1.02 0.00	27.13 0.74 0.00
DELAWARE___LFGE 323621	16.72 0.24 0.00	13.52 0.17 -1.58	9.30 0.01 -8.36	9.63 0.02 -8.44	12.32 0.10 -5.68	21.39 0.32 0.00	23.48 0.41 0.00	31.81 0.68 0.14	23.38 0.47 0.00	20.24 0.40 0.00	22.65 0.46 0.00	24.13 0.53 0.00	26.78 0.60 0.00	27.38 0.65 0.00	26.12 0.64 0.00	25.25 0.66 0.00	32.98 0.98 0.00	45.80 1.34 0.05	28.97 0.85 0.00	25.83 0.76 0.00	23.54 0.66 0.00	26.53 0.58 0.00	29.29 0.61 0.00	26.89 0.49 0.00
DERFIELD_115KV_TB7 355931	16.50 0.03 0.00	11.79 0.02 0.00	0.93 0.00 0.00	1.18 0.00 0.00	6.56 0.01 0.00	21.08 0.02 0.00	23.09 0.02 0.00	31.24 -0.03 0.00	22.91 0.00 0.00	19.84 0.00 0.00	22.17 -0.01 0.00	23.58 -0.01 0.00	26.16 -0.01 0.00	26.73 0.00 0.00	25.47 0.00 0.00	24.60 0.01 0.00	32.08 0.07 0.00	44.64 0.13 0.00	28.21 0.08 0.00	25.14 0.07 0.00	22.95 0.07 0.00	25.98 0.03 0.00	28.71 0.03 0.00	26.39 0.00 0.00
DOGLEVILLE___HYD 23807	16.78 0.31 0.00	11.98 0.20 0.00	0.93 0.01 0.00	1.19 0.01 0.00	6.62 0.07 0.00	21.25 0.18 0.00	23.45 0.38 0.00	31.63 0.36 0.00	22.83 -0.08 0.00	19.56 -0.28 0.00	21.65 -0.54 0.00	23.14 -0.46 0.00	25.82 -0.36 0.00	26.73 0.00 0.00	25.30 -0.17 0.00	24.29 -0.31 0.00	32.32 0.32 0.00	46.12 1.62 0.00	29.27 1.14 0.00	26.19 1.13 0.00	23.87 0.99 0.00	26.66 0.71 0.00	29.23 0.55 0.00	26.67 0.27 0.00
DUNKIRK___115KV_TB_200 55889	9.51 -1.68 5.28	9.83 -1.23 0.72	2.89 -0.10 -2.06	3.19 -0.10 -2.12	6.11 -0.59 -0.14	18.39 -1.74 0.94	21.25 -1.83 0.00	28.23 -2.19 0.84	21.43 -1.47 0.01	18.71 -1.13 0.00	21.20 -0.98 0.00	22.95 -0.65 0.00	25.80 -0.38 0.00	26.44 -0.30 0.00	25.15 -0.32 0.00	23.75 -0.84 0.01	31.15 -0.85 0.00	43.08 -1.15 0.27	27.14 -0.99 0.00	24.39 -0.68 0.00	21.83 -1.06 0.00	24.85 -1.10 0.00	27.93 -0.75 0.00	25.91 -0.48 0.00
DUNKIRK___1 23563	9.51 -1.68 5.28	9.83 -1.23 0.72	2.89 -0.10 -2.06	3.19 -0.10 -2.12	6.11 -0.59 -0.14	18.39 -1.74 0.94	21.25 -1.83 0.00	28.23 -2.19 0.84	21.43 -1.47 0.01	18.71 -1.13 0.00	21.20 -0.98 0.00	22.95 -0.65 0.00	25.80 -0.38 0.00	26.44 -0.30 0.00	25.15 -0.32 0.00	23.75 -0.84 0.01	31.15 -0.85 0.00	43.08 -1.15 0.27	27.14 -0.99 0.00	24.39 -0.68 0.00	21.83 -1.06 0.00	24.85 -1.10 0.00	27.93 -0.75 0.00	25.91 -0.48 0.00
DUNKIRK___2 23564	9.51 -1.68 5.28	9.83 -1.23 0.72	2.89 -0.10 -2.06	3.19 -0.10 -2.12	6.11 -0.59 -0.14	18.39 -1.74 0.94	21.25 -1.83 0.00	28.23 -2.19 0.84	21.43 -1.47 0.01	18.71 -1.13 0.00	21.20 -0.98 0.00	22.95 -0.65 0.00	25.80 -0.38 0.00	26.44 -0.30 0.00	25.15 -0.32 0.00	23.75 -0.84 0.01	31.15 -0.85 0.00	43.08 -1.15 0.27	27.14 -0.99 0.00	24.39 -0.68 0.00	21.83 -1.06 0.00	24.85 -1.10 0.00	27.93 -0.75 0.00	25.91 -0.48 0.00
DUNKIRK___3 23565	9.68 -1.63 5.16	9.88 -1.20 0.69	2.90 -0.09 -2.07	3.20 -0.10 -2.13	6.14 -0.59 -0.18	18.40 -1.75 0.91	21.24 -1.84 0.00	28.20 -2.22 0.85	21.45 -1.46 0.01	18.72 -1.13 0.00	21.18 -1.00 0.00	22.89 -0.72 0.00	25.74 -0.44 0.00	26.33 -0.40 0.00	25.08 -0.39 0.00	23.74 -0.84 0.01	31.15 -0.85 0.00	43.02 -1.21 0.27	27.09 -1.03 0.00	24.31 -0.76 0.00	21.78 -1.11 0.00	24.80 -1.15 0.00	27.85 -0.83 0.00	25.82 -0.58 0.00
DUNKIRK___4 23566	9.68 -1.63 5.16	9.88 -1.20 0.69	2.90 -0.09 -2.07	3.20 -0.10 -2.13	6.14 -0.59 -0.18	18.40 -1.75 0.91	21.24 -1.84 0.00	28.20 -2.22 0.85	21.45 -1.46 0.01	18.72 -1.13 0.00	21.18 -1.00 0.00	22.89 -0.72 0.00	25.74 -0.44 0.00	26.33 -0.40 0.00	25.08 -0.39 0.00	23.74 -0.84 0.01	31.15 -0.85 0.00	43.02 -1.21 0.27	27.09 -1.03 0.00	24.31 -0.76 0.00	21.78 -1.11 0.00	24.80 -1.15 0.00	27.85 -0.83 0.00	25.82 -0.58 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.16 0.69 0.00	15.97 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.85 0.79 0.00	23.99 0.92 0.00	32.69 1.42 0.00	23.97 1.06 0.00	20.82 0.98 0.00	23.33 1.14 0.00	24.77 1.18 0.00	27.47 1.29 0.00	28.12 1.39 0.00	26.85 1.37 0.00	26.05 1.45 0.00	33.96 1.96 0.00	47.13 2.62 0.00	29.91 1.79 0.00	26.61 1.54 0.00	24.17 1.29 0.00	27.09 1.14 0.00	29.85 1.17 0.00	27.35 0.95 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.02 0.55 0.00	15.73 0.38 -3.58	19.91 0.02 -18.96	20.35 0.03 -19.14	19.61 0.18 -12.87	21.71 0.64 0.00	23.84 0.76 0.00	32.48 1.21 0.00	23.79 0.88 0.00	20.64 0.80 0.00	23.09 0.90 0.00	24.51 0.91 0.00	27.18 1.01 0.00	27.83 1.09 0.00	26.59 1.12 0.00	25.79 1.20 0.00	33.64 1.64 0.00	46.72 2.21 0.00	29.66 1.54 0.00	26.41 1.35 0.00	24.00 1.12 0.00	26.91 0.96 0.00	29.67 0.99 0.00	27.20 0.80 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	17.15 0.68 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.23 -13.39	21.87 0.80 0.00	24.01 0.93 0.00	32.70 1.43 0.00	24.03 1.12 0.00	20.85 1.00 -0.01	23.38 1.19 0.00	24.86 1.26 0.00	27.60 1.42 0.00	28.21 1.47 -0.01	26.95 1.47 -0.01	26.15 1.54 -0.01	34.06 2.05 -0.01	47.20 2.69 0.00	30.00 1.88 0.00	26.70 1.64 0.00	24.24 1.36 0.00	27.11 1.16 0.00	29.89 1.21 0.00	27.39 0.99 0.00
E179THST_13_KV_LOAD 356214	17.22 0.75 0.00	16.02 0.52 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.20 0.26 -13.39	21.94 0.88 0.00	24.10 1.03 0.00	32.84 1.57 0.00	24.13 1.22 0.00	20.94 1.09 -0.01	23.48 1.29 0.00	24.96 1.37 0.00	27.73 1.56 0.00	28.34 1.60 -0.01	27.08 1.60 -0.01	26.27 1.67 -0.01	34.23 2.23 -0.01	47.43 2.92 0.00	30.15 2.03 0.00	26.84 1.77 0.00	24.36 1.47 0.00	27.23 1.28 0.00	30.02 1.34 0.00	27.50 1.10 0.00
EAST HAMPTON___GT 23717	17.42 0.96 0.00	16.12 0.63 -3.72	20.67 0.03 -19.72	21.12 0.04 -19.91	20.27 0.33 -13.39	22.70 1.64 0.00	24.88 1.80 0.00	33.62 2.35 0.00	24.60 1.69 0.00	21.26 1.41 0.00	23.90 1.72 0.00	25.28 1.68 0.00	27.90 1.72 0.00	28.75 2.01 0.00	27.41 1.94 0.00	26.67 2.07 0.00	34.88 2.87 0.00	48.19 3.68 0.00	29.71 1.59 0.00	26.35 1.28 0.00	23.99 1.10 0.00	26.53 0.58 0.00	29.49 0.81 0.00	26.95 0.56 0.00
EAST RIVER___6 23660	17.18 0.72 0.00	15.99 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.89 0.83 0.00	24.02 0.94 0.00	32.72 1.46 0.00	24.06 1.15 0.00	20.91 1.07 0.00	23.45 1.27 0.00	24.90 1.30 0.00	27.60 1.42 0.00	28.27 1.54 0.00	27.01 1.54 0.00	26.22 1.62 0.00	34.13 2.13 0.00	47.33 2.82 0.00	30.05 1.93 0.00	26.74 1.68 0.00	24.30 1.42 0.00	27.22 1.27 0.00	29.94 1.26 0.00	27.43 1.04 0.00
EAST RIVER___7 23524	17.18 0.72 0.00	15.99 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.89 0.83 0.00	24.02 0.94 0.00	32.72 1.46 0.00	24.06 1.15 0.00	20.91 1.07 0.00	23.45 1.27 0.00	24.90 1.30 0.00	27.60 1.42 0.00	28.27 1.54 0.00	27.01 1.54 0.00	26.22 1.62 0.00	34.13 2.13 0.00	47.33 2.82 0.00	30.05 1.93 0.00	26.74 1.68 0.00	24.30 1.42 0.00	27.22 1.27 0.00	29.94 1.26 0.00	27.43 1.04 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.13 0.66 0.00	15.94 0.45 -3.72	20.65 0.03 -19.69	21.09 0.04 -19.88	20.14 0.22 -13.37	21.82 0.76 0.00	23.95 0.88 0.00	32.63 1.36 0.00	23.93 1.02 0.00	20.77 0.93 0.00	23.27 1.08 0.00	24.73 1.13 0.00	27.41 1.24 0.00	28.06 1.33 0.00	26.78 1.30 0.00	25.98 1.39 0.00	33.89 1.89 0.00	47.04 2.53 0.00	29.84 1.72 0.00	26.55 1.48 0.00	24.12 1.24 0.00	27.03 1.08 0.00	29.79 1.12 0.00	27.30 0.91 0.00
EAST_HAMPTON___DIESEL 23722	17.40 0.94 0.00	16.10 0.61 -3.72	20.67 0.03 -19.72	21.12 0.04 -19.91	20.26 0.32 -13.39	22.71 1.65 0.00	24.88 1.80 0.00	33.61 2.34 0.00	24.59 1.68 0.00	21.25 1.41 0.00	23.90 1.71 0.00	25.28 1.68 0.00	27.89 1.72 0.00	28.74 2.01 0.00	27.40 1.93 0.00	26.67 2.07 0.00	34.87 2.87 0.00	48.19 3.68 0.00	29.64 1.51 0.00	26.29 1.22 0.00	23.93 1.05 0.00	26.45 0.50 0.00	29.43 0.75 0.00	26.90 0.51 0.00
EAST_POINT___SOLAR 323840	17.24 0.77 0.00	17.40 0.54 -5.08	27.90 0.04 -26.93	28.42 0.06 -27.19	25.16 0.32 -18.28	22.20 1.14 0.00	24.49 1.42 0.00	32.97 1.71 0.00	23.08 0.17 0.00	19.72 -0.12 0.00	22.06 -0.13 0.00	23.72 0.12 0.00	27.02 0.85 0.00	27.74 1.01 0.00	26.23 0.76 0.00	25.40 0.81 0.00	33.37 1.37 0.00	47.28 2.77 0.00	30.12 2.00 0.00	26.87 1.81 0.00	24.51 1.62 0.00	27.70 1.75 0.00	30.53 1.85 0.00	27.99 1.59 0.00
EAST_PULASKI___ESR 323781	16.11 -0.35 0.00	11.78 -0.25 -0.26	2.30 -0.02 -1.39	2.56 -0.02 -1.40	7.36 -0.14 -0.94	20.57 -0.49 0.00	22.52 -0.55 0.00	31.09 -0.77 -0.59	22.43 -0.49 -0.01	19.46 -0.38 0.00	21.74 -0.45 0.00	23.22 -0.37 0.00	25.71 -0.47 0.00	26.20 -0.54 0.00	25.00 -0.47 0.00	24.09 -0.51 -0.01	31.70 -0.31 0.00	44.44 -0.27 -0.20	27.96 -0.16 0.00	24.98 -0.09 0.00	22.78 -0.11 0.00	25.74 -0.21 0.00	28.43 -0.25 0.00	26.16 -0.24 0.00
EAST_RIVER___1 323558	17.17 0.70 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.18 0.23 -13.39	21.86 0.80 0.00	23.99 0.92 0.00	32.70 1.43 0.00	24.02 1.10 0.00	20.88 1.03 0.00	23.41 1.23 0.00	24.86 1.26 0.00	27.57 1.40 0.00	28.23 1.49 0.00	26.96 1.49 0.00	26.17 1.57 0.00	34.08 2.08 0.00	47.26 2.76 0.00	30.01 1.89 0.00	26.69 1.62 0.00	24.24 1.36 0.00	27.15 1.20 0.00	29.89 1.21 0.00	27.38 0.99 0.00
EAST_RIVER___2 323559	17.18 0.72 0.00	15.99 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.89 0.83 0.00	24.02 0.94 0.00	32.72 1.46 0.00	24.06 1.15 0.00	20.91 1.07 0.00	23.45 1.27 0.00	24.90 1.30 0.00	27.60 1.42 0.00	28.27 1.54 0.00	27.01 1.54 0.00	26.22 1.62 0.00	34.13 2.13 0.00	47.33 2.82 0.00	30.05 1.93 0.00	26.74 1.68 0.00	24.30 1.42 0.00	27.22 1.27 0.00	29.94 1.26 0.00	27.43 1.04 0.00
EAST___DELAWARE_HYD 23607	16.55 0.09 0.00	15.19 0.04 -3.38	18.82 0.00 -17.89	19.23 0.00 -18.06	18.69 0.00 -12.15	21.12 0.05 0.00	23.22 0.15 0.00	31.64 0.38 0.00	23.16 0.25 0.00	20.10 0.26 0.00	22.43 0.25 0.00	23.76 0.16 0.00	26.33 0.15 0.00	26.98 0.24 0.00	25.85 0.38 0.00	25.08 0.49 0.00	32.65 0.65 0.00	45.32 0.80 0.00	28.87 0.74 0.00	25.73 0.66 0.00	23.39 0.51 0.00	26.22 0.27 0.00	28.89 0.21 0.00	26.47 0.07 0.00
EIGHT_POINT___WT_PWR 323820	-1.01 -2.07 15.41	7.24 -1.48 3.06	1.68 -0.12 -0.87	2.02 -0.16 -1.00	2.65 -0.80 3.11	16.07 -2.24 2.75	21.03 -2.04 0.00	28.41 -2.29 0.57	21.60 -1.31 0.01	18.62 -1.22 0.00	20.92 -1.26 0.00	22.26 -1.35 0.00	25.30 -0.88 0.00	26.42 -0.31 0.00	24.62 -0.85 0.00	22.98 -1.61 0.01	30.19 -1.80 0.00	42.74 -1.58 0.19	27.74 -0.39 0.00	25.16 0.09 0.00	22.41 -0.48 0.00	24.78 -1.17 0.00	27.61 -1.07 0.00	25.20 -1.19 0.00
ELBRIDGE_115KV_TB2 80188	16.19 -0.28 0.00	11.94 -0.20 -0.37	2.87 -0.02 -1.96	3.14 -0.02 -1.98	7.79 -0.10 -1.33	20.78 -0.28 0.00	22.75 -0.32 0.00	30.82 -0.45 0.00	22.56 -0.35 0.00	19.57 -0.27 0.00	21.89 -0.30 0.00	23.35 -0.25 0.00	25.97 -0.21 0.00	26.56 -0.17 0.00	25.34 -0.13 0.00	24.36 -0.24 0.00	31.89 -0.11 0.00	44.42 -0.09 0.00	28.01 -0.11 0.00	25.02 -0.04 0.00	22.79 -0.10 0.00	25.71 -0.24 0.00	28.41 -0.27 0.00	26.11 -0.29 0.00
ELEC_TRO_TEK 24086	17.29 0.82 0.00	16.04 0.55 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.22 0.28 -13.39	22.03 0.96 0.00	24.19 1.12 0.00	32.91 1.65 0.00	24.09 1.18 0.00	20.88 1.03 0.00	23.49 1.31 0.00	24.95 1.35 0.00	27.63 1.45 0.00	28.32 1.59 0.00	27.04 1.56 0.00	26.19 1.60 0.00	34.12 2.12 0.00	47.21 2.70 0.00	30.03 1.91 0.00	26.69 1.62 0.00	24.25 1.37 0.00	27.13 1.18 0.00	30.03 1.35 0.00	27.48 1.09 0.00

ELLENBURG_WT_PWR 323604	-21.03 -0.67 36.83	-21.05 -0.48 32.34	-4.13 -0.01 5.05	-8.33 -0.04 9.46	2.58 -0.21 3.77	20.46 -0.60 0.00	22.68 -0.39 0.00	30.53 -0.74 0.00	22.27 -0.64 0.00	19.19 -0.65 0.00	21.34 -0.85 0.00	22.25 -1.35 0.00	24.57 -1.61 0.00	25.37 -1.36 0.00	24.37 -1.10 0.00	23.61 -0.99 0.00	30.59 -1.41 0.00	43.05 -1.46 0.00	27.63 -0.50 0.00	24.65 -0.42 0.00	22.39 -0.49 0.00	25.60 -0.35 0.00	28.32 -0.36 0.00	26.05 -0.34 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	9.95 -1.77 4.75	9.83 -1.32 0.62	2.82 -0.10 -2.00	3.12 -0.11 -2.06	6.12 -0.67 -0.23	18.22 -2.01 0.84	20.96 -2.11 0.00	27.78 -2.61 0.88	21.23 -1.68 0.01	18.53 -1.32 0.00	20.94 -1.24 0.00	22.58 -1.01 0.00	25.40 -0.77 0.00	25.97 -0.76 0.00	24.74 -0.73 0.00	23.49 -1.09 0.01	30.81 -1.19 0.00	42.44 -1.78 0.29	26.69 -1.43 0.00	23.87 -1.20 0.00	21.41 -1.47 0.00	24.48 -1.47 0.00	27.53 -1.15 0.00	25.50 -0.89 0.00
EMPIRE_CC_1 323656	17.02 0.56 0.00	16.50 0.38 -4.35	24.00 0.02 -23.05	24.47 0.03 -23.27	22.39 0.19 -15.65	21.61 0.55 0.00	23.65 0.58 0.00	32.13 0.86 0.00	23.51 0.60 0.00	20.38 0.53 0.00	22.71 0.52 0.00	24.12 0.52 0.00	26.68 0.51 0.00	27.30 0.57 0.00	25.89 0.41 0.00	25.00 0.41 0.00	32.79 0.79 0.00	45.67 1.17 0.00	28.92 0.80 0.00	25.82 0.75 0.00	23.54 0.65 0.00	26.49 0.54 0.00	29.16 0.48 0.00	26.90 0.51 0.00
EMPIRE_CC_2 323658	17.02 0.56 0.00	16.50 0.38 -4.35	24.00 0.02 -23.05	24.47 0.03 -23.27	22.39 0.19 -15.65	21.61 0.55 0.00	23.65 0.58 0.00	32.13 0.86 0.00	23.51 0.60 0.00	20.38 0.53 0.00	22.71 0.52 0.00	24.12 0.52 0.00	26.68 0.51 0.00	27.30 0.57 0.00	25.89 0.41 0.00	25.00 0.41 0.00	32.79 0.79 0.00	45.67 1.17 0.00	28.92 0.80 0.00	25.82 0.75 0.00	23.54 0.65 0.00	26.49 0.54 0.00	29.16 0.48 0.00	26.90 0.51 0.00
ENORWICH_115KV_TB1 80156	26.69 0.48 -9.74	15.64 0.25 -3.62	9.34 0.03 -8.38	9.60 0.04 -8.39	14.81 0.23 -8.03	23.60 0.80 -1.74	24.23 1.16 0.00	32.92 1.87 0.22	24.12 1.21 0.00	20.60 0.76 0.00	22.93 0.75 0.00	24.52 0.92 0.00	27.19 1.02 0.00	27.87 1.14 0.00	26.77 1.30 0.00	25.82 1.23 0.00	34.05 2.04 0.00	47.74 3.30 0.07	30.23 2.11 0.00	27.09 2.02 0.00	24.73 1.84 0.00	27.80 1.85 0.00	30.61 1.93 0.00	27.86 1.47 0.00
ERIE_ST__34_KV_TB1-2 80199	10.20 -1.25 5.03	10.11 -0.99 0.67	2.90 -0.08 -2.05	3.20 -0.08 -2.11	6.25 -0.49 -0.19	18.73 -1.44 0.89	21.60 -1.47 0.00	28.63 -1.78 0.86	21.87 -1.03 0.01	19.08 -0.76 0.00	21.57 -0.61 0.00	23.58 -0.08 -0.05	26.49 0.31 -0.01	27.08 0.29 -0.05	25.44 -0.03 0.00	24.19 -0.40 0.01	31.73 -0.27 0.00	43.74 -0.49 0.28	27.52 -0.60 0.00	24.60 -0.47 0.00	22.09 -0.80 0.00	25.20 -0.74 0.00	28.26 -0.42 0.00	26.17 -0.22 0.00
ERIE_WT_PWR 323693	9.85 -1.64 4.97	9.87 -1.24 0.66	2.85 -0.10 -2.03	3.15 -0.11 -2.09	6.12 -0.63 -0.19	18.34 -1.84 0.88	21.14 -1.93 0.00	28.02 -2.38 0.86	21.42 -1.48 0.01	18.68 -1.16 0.00	21.09 -1.10 0.00	22.77 -0.83 0.00	25.64 -0.54 0.00	26.19 -0.55 0.00	24.96 -0.51 0.00	23.69 -0.89 0.01	31.09 -0.91 0.00	42.87 -1.36 0.28	26.96 -1.16 0.00	24.14 -0.92 0.00	21.64 -1.25 0.00	24.74 -1.22 0.00	27.78 -0.90 0.00	25.74 -0.66 0.00
ESPRGFLD_115KV_TB1 80157	16.81 0.34 0.00	11.80 0.25 0.21	-0.17 0.02 1.12	0.08 0.03 1.13	5.96 0.16 0.76	21.66 0.60 0.00	23.85 0.78 0.00	32.48 1.21 0.00	23.53 0.62 0.00	20.30 0.46 0.00	22.73 0.55 0.00	24.32 0.72 0.00	27.16 0.98 0.00	27.73 0.99 0.00	26.46 0.98 0.00	25.53 0.93 0.00	33.23 1.23 0.00	46.35 1.84 0.00	29.39 1.27 0.00	26.17 1.11 0.00	23.88 0.99 0.00	27.01 1.06 0.00	29.83 1.15 0.00	27.39 0.99 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.55 -0.01 -23.09	18.43 -0.03 -6.69	10.79 0.00 -9.87	10.96 0.00 -9.79	18.79 -0.01 -12.25	25.22 0.03 -4.13	23.20 0.12 -0.01	31.32 0.31 0.25	23.07 0.15 0.00	19.91 0.07 0.00	22.23 0.05 0.00	23.74 0.14 0.00	26.39 0.22 0.00	27.00 0.27 0.00	25.87 0.40 0.00	24.86 0.27 0.00	32.51 0.51 0.00	45.56 1.13 0.08	28.90 0.78 0.00	25.81 0.74 0.00	23.45 0.56 0.00	26.42 0.46 0.00	29.15 0.48 0.00	26.77 0.37 0.00
ETNA____115KV_TB2 80207	39.55 -0.01 -23.09	18.43 -0.03 -6.69	10.79 0.00 -9.87	10.96 0.00 -9.79	18.79 -0.01 -12.25	25.22 0.03 -4.13	23.20 0.12 -0.01	31.32 0.31 0.25	23.07 0.15 0.00	19.91 0.07 0.00	22.23 0.05 0.00	23.74 0.14 0.00	26.39 0.22 0.00	27.00 0.27 0.00	25.87 0.40 0.00	24.86 0.27 0.00	32.51 0.51 0.00	45.56 1.13 0.08	28.90 0.78 0.00	25.81 0.74 0.00	23.45 0.56 0.00	26.42 0.46 0.00	29.15 0.48 0.00	26.77 0.37 0.00
EUCLID__115KV_TB2 356179	16.12 -0.35 0.00	11.83 -0.25 -0.31	2.53 -0.02 -1.62	2.79 -0.03 -1.64	7.52 -0.13 -1.10	20.64 -0.42 0.00	22.58 -0.49 0.00	30.08 -0.67 0.51	22.45 -0.46 0.01	19.48 -0.36 0.00	21.80 -0.39 0.00	23.24 -0.36 0.00	25.79 -0.38 0.00	26.37 -0.36 0.00	25.16 -0.31 0.00	24.23 -0.36 0.01	31.66 -0.34 0.00	43.92 -0.42 0.17	27.84 -0.28 0.00	24.84 -0.22 0.00	22.62 -0.26 0.00	25.55 -0.41 0.00	28.22 -0.46 0.00	25.98 -0.41 0.00
E_CANADA_CAP_HY 24051	17.05 0.58 0.00	17.50 0.42 -5.31	29.07 0.04 -28.11	29.59 0.05 -28.37	25.89 0.26 -19.08	21.98 0.92 0.00	24.19 1.12 0.00	32.86 1.59 0.00	23.54 0.63 0.00	20.22 0.37 0.00	22.62 0.44 0.00	24.25 0.66 0.00	27.22 1.04 0.00	27.77 1.04 0.00	26.47 1.00 0.00	25.49 0.90 0.00	33.22 1.22 0.00	46.62 2.12 0.00	29.65 1.53 0.00	26.40 1.33 0.00	24.11 1.22 0.00	27.34 1.39 0.00	30.18 1.50 0.00	27.73 1.34 0.00
E_CANADA_MHWK_HY 24050	16.78 0.31 0.00	11.98 0.20 0.00	0.93 0.01 0.00	1.19 0.01 0.00	6.62 0.07 0.00	21.25 0.18 0.00	23.45 0.38 0.00	31.63 0.36 0.00	22.83 -0.08 0.00	19.56 -0.28 0.00	21.65 -0.54 0.00	23.14 -0.46 0.00	25.82 -0.36 0.00	26.73 0.00 0.00	25.30 -0.17 0.00	24.29 -0.31 0.00	32.32 0.32 0.00	46.12 1.62 0.00	29.27 1.14 0.00	26.19 1.13 0.00	23.87 0.99 0.00	26.66 0.71 0.00	29.23 0.55 0.00	26.67 0.27 0.00
E_FISHKILL__LBMP 23776	17.06 0.59 0.00	15.95 0.40 -3.78	20.98 0.03 -20.03	21.43 0.03 -20.22	20.34 0.19 -13.60	21.73 0.67 0.00	23.84 0.76 0.00	32.46 1.19 0.00	23.79 0.88 0.00	20.64 0.80 0.00	23.09 0.91 0.00	24.54 0.94 0.00	27.20 1.03 0.00	27.83 1.10 0.00	26.54 1.07 0.00	25.75 1.15 0.00	33.63 1.62 0.00	46.71 2.20 0.00	29.61 1.48 0.00	26.36 1.30 0.00	23.96 1.07 0.00	26.87 0.92 0.00	29.63 0.94 0.00	27.17 0.77 0.00
FALCON___SEABRD_CC1 323796	-21.23 -0.52 37.17	-21.23 -0.36 32.64	-4.17 0.00 5.10	-8.41 -0.03 9.55	2.57 -0.18 3.80	20.46 -0.61 0.00	22.69 -0.39 0.00	30.62 -0.65 0.00	22.36 -0.55 0.00	19.27 -0.57 0.00	21.43 -0.75 0.00	22.40 -1.20 0.00	24.77 -1.41 0.00	25.50 -1.23 0.00	24.46 -1.02 0.00	23.70 -0.90 0.00	30.68 -1.32 0.00	43.03 -1.48 0.00	27.67 -0.45 0.00	24.71 -0.36 0.00	22.48 -0.40 0.00	25.69 -0.26 0.00	28.42 -0.26 0.00	26.15 -0.25 0.00

FALCON___SEABRD_CC2 323797	-21.23 -0.52 37.17	-21.23 -0.36 32.64	-4.17 0.00 5.10	-8.41 -0.03 9.55	2.57 -0.18 3.80	20.46 -0.61 0.00	22.69 -0.39 0.00	30.62 -0.65 0.00	22.36 -0.55 0.00	19.27 -0.57 0.00	21.43 -0.75 0.00	22.40 -1.20 0.00	24.77 -1.41 0.00	25.50 -1.23 0.00	24.46 -1.02 0.00	23.70 -0.90 0.00	30.68 -1.32 0.00	43.03 -1.48 0.00	27.67 -0.45 0.00	24.71 -0.36 0.00	22.48 -0.40 0.00	25.69 -0.26 0.00	28.42 -0.26 0.00	26.15 -0.25 0.00
FAR ROCKAWAY___4 23548	17.46 0.99 0.00	16.15 0.66 -3.72	20.69 0.05 -19.72	21.14 0.06 -19.91	20.29 0.34 -13.39	22.24 1.18 0.00	24.44 1.37 0.00	33.23 1.97 0.00	24.32 1.41 0.00	21.08 1.24 0.00	23.76 1.58 0.00	25.27 1.67 0.00	27.96 1.78 0.00	28.68 1.95 0.00	27.40 1.92 0.00	26.53 1.94 0.00	34.56 2.56 0.00	47.81 3.30 0.00	30.44 2.32 0.00	27.05 1.98 0.00	24.57 1.69 0.00	27.53 1.58 0.00	30.45 1.78 0.00	27.83 1.44 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	17.17 0.71 0.00	15.98 0.48 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.87 0.81 0.00	24.01 0.93 0.00	32.73 1.46 0.00	24.03 1.12 0.00	20.89 1.05 0.00	23.42 1.23 0.00	24.87 1.27 0.00	27.60 1.42 0.00	28.24 1.51 0.00	26.98 1.51 0.00	26.19 1.59 0.00	34.11 2.11 0.00	47.29 2.78 0.00	30.02 1.90 0.00	26.71 1.64 0.00	24.25 1.36 0.00	27.16 1.21 0.00	29.91 1.23 0.00	27.40 1.01 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.18 0.71 0.00	15.98 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.88 0.82 0.00	24.02 0.94 0.00	32.73 1.47 0.00	24.04 1.13 0.00	20.89 1.05 0.00	23.42 1.23 0.00	24.88 1.29 0.00	27.60 1.42 0.00	28.25 1.52 0.00	26.99 1.51 0.00	26.19 1.59 0.00	34.11 2.11 0.00	47.31 2.80 0.00	30.04 1.92 0.00	26.71 1.65 0.00	24.26 1.37 0.00	27.18 1.23 0.00	29.92 1.24 0.00	27.41 1.02 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	17.16 0.70 0.00	15.98 0.48 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.23 -13.39	21.87 0.81 0.00	24.00 0.93 0.00	32.71 1.45 0.00	24.02 1.11 0.00	20.88 1.04 0.00	23.41 1.22 0.00	24.87 1.27 0.00	27.58 1.40 0.00	28.24 1.50 0.00	26.96 1.49 0.00	26.17 1.58 0.00	34.09 2.08 0.00	47.27 2.76 0.00	30.01 1.89 0.00	26.69 1.62 0.00	24.23 1.35 0.00	27.14 1.19 0.00	29.89 1.21 0.00	27.38 0.99 0.00
FARRAGUT___LBMP 323566	17.16 0.69 0.00	15.97 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.85 0.79 0.00	23.98 0.91 0.00	32.69 1.43 0.00	24.00 1.09 0.00	20.86 1.02 0.00	23.38 1.20 0.00	24.84 1.24 0.00	27.55 1.38 0.00	28.20 1.47 0.00	26.94 1.46 0.00	26.14 1.55 0.00	34.05 2.05 0.00	47.22 2.71 0.00	29.99 1.87 0.00	26.67 1.60 0.00	24.22 1.33 0.00	27.12 1.17 0.00	29.87 1.19 0.00	27.37 0.97 0.00
FENNER___WINDPWR 24204	20.79 0.03 -4.29	13.33 0.03 -1.53	4.29 0.00 -3.36	4.54 0.00 -3.36	9.87 0.01 -3.31	21.89 0.06 -0.77	23.20 0.13 0.00	31.26 0.21 0.21	23.08 0.17 0.00	19.98 0.14 0.00	22.33 0.14 0.00	23.78 0.18 0.00	26.42 0.24 0.00	27.04 0.31 0.00	25.88 0.40 0.00	24.97 0.38 0.00	32.50 0.50 0.00	45.46 1.02 0.07	28.76 0.64 0.00	25.70 0.63 0.00	23.38 0.50 0.00	26.39 0.44 0.00	29.12 0.44 0.00	26.77 0.38 0.00
FIBERTEK___ENERGY 23856	16.30 -0.17 0.00	12.00 -0.12 -0.36	2.80 -0.01 -1.88	3.06 -0.01 -1.90	7.77 -0.06 -1.28	20.90 -0.16 0.00	22.87 -0.21 0.00	30.97 -0.30 0.00	22.69 -0.22 0.00	19.69 -0.16 0.00	22.03 -0.16 0.00	23.49 -0.11 0.00	26.09 -0.08 0.00	26.69 -0.04 0.00	25.47 0.00 0.00	24.49 -0.10 0.00	32.06 0.06 0.00	44.68 0.17 0.00	28.20 0.08 0.00	25.17 0.10 0.00	22.91 0.03 0.00	25.86 -0.10 0.00	28.56 -0.12 0.00	26.26 -0.13 0.00
FITZPATRICK____ 23598	16.00 -0.47 0.00	11.66 -0.33 -0.22	2.06 -0.02 -1.16	2.32 -0.03 -1.17	7.16 -0.18 -0.79	20.48 -0.58 0.00	22.37 -0.70 0.00	30.26 -1.01 0.00	22.20 -0.71 0.00	19.28 -0.57 0.00	21.54 -0.65 0.00	22.94 -0.66 0.00	25.45 -0.73 0.00	26.01 -0.72 0.00	24.81 -0.66 0.00	23.92 -0.68 0.00	31.21 -0.79 0.00	43.44 -1.07 0.00	27.43 -0.69 0.00	24.48 -0.59 0.00	22.31 -0.57 0.00	25.21 -0.73 0.00	27.86 -0.82 0.00	25.67 -0.73 0.00
FLOWRFLD_69_KV_BK1 356044	17.43 0.97 0.00	16.12 0.63 -3.72	20.69 0.04 -19.72	21.13 0.06 -19.91	20.28 0.34 -13.39	22.21 1.15 0.00	24.38 1.31 0.00	33.13 1.86 0.00	24.23 1.32 0.00	20.93 1.09 0.00	23.54 1.36 0.00	24.93 1.33 0.00	27.58 1.40 0.00	28.32 1.58 0.00	27.05 1.58 0.00	26.26 1.66 0.00	34.31 2.31 0.00	47.16 2.65 0.00	30.10 1.98 0.00	26.69 1.63 0.00	24.25 1.36 0.00	27.00 1.05 0.00	30.07 1.40 0.00	27.46 1.07 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.19 0.73 0.00	15.98 0.50 -3.71	20.64 0.04 -19.68	21.08 0.04 -19.86	20.16 0.25 -13.36	21.92 0.86 0.00	24.08 1.01 0.00	32.82 1.55 0.00	24.04 1.13 0.00	20.86 1.02 0.00	23.34 1.15 0.00	24.79 1.20 0.00	27.46 1.29 0.00	28.13 1.40 0.00	26.88 1.40 0.00	26.06 1.47 0.00	34.03 2.03 0.00	47.32 2.81 0.00	30.02 1.89 0.00	26.73 1.66 0.00	24.28 1.39 0.00	27.22 1.27 0.00	29.98 1.30 0.00	27.46 1.07 0.00
FORT ORANGE____ 23900	17.00 0.53 0.00	16.62 0.38 -4.47	24.64 0.02 -23.70	25.12 0.03 -23.92	22.81 0.17 -16.09	21.60 0.54 0.00	23.56 0.49 0.00	31.99 0.73 0.00	23.44 0.52 0.00	20.27 0.43 0.00	22.57 0.38 0.00	23.98 0.38 0.00	26.51 0.33 0.00	27.15 0.42 0.00	25.83 0.36 0.00	24.97 0.37 0.00	32.85 0.84 0.00	46.09 1.58 0.00	29.07 0.95 0.00	25.89 0.82 0.00	23.59 0.70 0.00	26.53 0.58 0.00	29.20 0.52 0.00	26.84 0.44 0.00
FORT_DRUM_COGEN 23780	18.13 -0.37 -2.02	13.48 -0.25 -1.96	2.15 -0.02 -1.25	2.66 -0.02 -1.50	7.26 -0.15 -0.87	20.44 -0.62 0.00	22.46 -0.61 0.00	30.63 -0.81 -0.17	22.52 -0.39 0.00	19.54 -0.31 0.00	21.75 -0.43 0.00	23.30 -0.29 0.00	25.64 -0.53 0.00	25.84 -0.90 0.00	24.69 -0.79 0.00	24.06 -0.54 0.00	32.23 0.23 0.00	45.28 0.71 -0.06	28.62 0.50 0.00	25.66 0.59 0.00	23.37 0.49 0.00	26.45 0.50 0.00	29.16 0.48 0.00	26.80 0.40 0.00
FOX_HILLS___ESR 323835	17.20 0.73 0.00	16.01 0.51 -3.72	20.69 0.04 -19.72	21.13 0.04 -19.91	20.19 0.25 -13.39	21.93 0.87 0.00	24.08 1.01 0.00	32.82 1.54 -0.01	24.09 1.18 -0.01	20.93 1.08 -0.01	23.45 1.26 0.00	25.96 1.32 -1.04	33.20 1.46 -5.56	38.78 1.60 -10.45	34.34 1.59 -7.28	38.71 1.67 -12.44	41.72 2.18 -7.54	47.29 2.78 0.00	38.80 2.01 -8.67	39.32 1.74 -12.51	39.36 1.45 -15.02	39.96 1.29 -12.72	39.49 1.34 -9.46	35.39 1.11 -7.89
FPL FAR_ROCK_GT1 24212	17.46 0.99 0.00	16.15 0.66 -3.72	20.69 0.05 -19.72	21.14 0.06 -19.91	20.29 0.35 -13.39	22.24 1.18 0.00	24.44 1.37 0.00	33.23 1.97 0.00	24.32 1.41 0.00	21.08 1.24 0.00	23.77 1.59 0.00	25.27 1.67 0.00	27.95 1.77 0.00	28.68 1.94 0.00	27.40 1.92 0.00	26.53 1.94 0.00	34.56 2.56 0.00	47.81 3.30 0.00	30.44 2.32 0.00	27.05 1.98 0.00	24.57 1.68 0.00	27.53 1.58 0.00	30.45 1.78 0.00	27.83 1.44 0.00



FPL FAR_ROCK_GT2 23815	17.46 0.99 0.00	16.15 0.66 -3.72	20.69 0.05 -19.72	21.14 0.06 -19.91	20.29 0.35 -13.39	22.24 1.18 0.00	24.44 1.37 0.00	33.23 1.97 0.00	24.32 1.41 0.00	21.08 1.24 0.00	23.77 1.59 0.00	25.27 1.67 0.00	27.95 1.77 0.00	28.68 1.94 0.00	27.40 1.92 0.00	26.53 1.94 0.00	34.56 2.56 0.00	47.81 3.30 0.00	30.44 2.32 0.00	27.05 1.98 0.00	24.57 1.68 0.00	27.53 1.58 0.00	30.45 1.78 0.00	27.83 1.44 0.00
FRANKLIN_FALL_HYD 24054	43.15 -0.51 -27.19	35.28 -0.37 -23.87	4.65 -0.01 -3.73	8.13 -0.03 -6.99	9.17 -0.17 -2.78	20.60 -0.47 0.00	22.84 -0.23 0.00	30.94 -0.33 0.00	22.62 -0.29 0.00	19.50 -0.34 0.00	21.73 -0.45 0.00	22.87 -0.73 0.00	25.32 -0.86 0.00	25.88 -0.85 0.00	24.70 -0.77 0.00	23.91 -0.69 0.00	30.96 -1.05 0.00	43.32 -1.19 0.00	27.58 -0.54 0.00	24.57 -0.50 0.00	22.45 -0.44 0.00	25.72 -0.23 0.00	28.47 -0.21 0.00	26.24 -0.15 0.00
FREEPORT_EQUUS_GT1 23764	17.38 0.91 0.00	16.09 0.60 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.25 0.31 -13.39	22.12 1.06 0.00	24.31 1.24 0.00	33.09 1.82 0.00	24.20 1.29 0.00	20.95 1.10 0.00	23.60 1.41 0.00	25.05 1.45 0.00	27.73 1.55 0.00	28.44 1.71 0.00	27.16 1.69 0.00	26.31 1.72 0.00	34.29 2.29 0.00	47.44 2.93 0.00	30.20 2.08 0.00	26.84 1.77 0.00	24.39 1.50 0.00	27.27 1.33 0.00	30.22 1.54 0.00	27.64 1.24 0.00
FREEPORT___CT2 23818	17.38 0.91 0.00	16.09 0.60 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.25 0.31 -13.39	22.12 1.06 0.00	24.31 1.24 0.00	33.09 1.82 0.00	24.20 1.29 0.00	20.95 1.10 0.00	23.60 1.41 0.00	25.05 1.45 0.00	27.73 1.55 0.00	28.44 1.71 0.00	27.16 1.69 0.00	26.31 1.72 0.00	34.29 2.29 0.00	47.44 2.93 0.00	30.20 2.08 0.00	26.84 1.77 0.00	24.39 1.50 0.00	27.27 1.33 0.00	30.22 1.54 0.00	27.64 1.24 0.00
FRESHKLS_33_KV_LOAD 356253	17.17 0.70 0.00	15.99 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.90 0.84 0.00	24.04 0.97 0.00	32.76 1.49 -0.01	24.04 1.12 -0.01	20.86 1.01 -0.01	23.38 1.20 0.00	25.89 1.25 -1.04	33.10 1.37 -5.56	38.70 1.52 -10.45	34.28 1.53 -7.28	38.66 1.62 -12.44	41.63 2.08 -7.54	47.12 2.61 0.00	38.75 1.96 -8.67	39.28 1.70 -12.51	39.33 1.43 -15.02	39.92 1.25 -12.72	39.46 1.31 -9.46	35.36 1.08 -7.89
FULTON COGEN____ 23766	16.08 -0.39 0.00	11.79 -0.27 -0.29	2.42 -0.02 -1.52	2.69 -0.03 -1.53	7.44 -0.15 -1.03	20.59 -0.47 0.00	22.52 -0.55 0.00	31.20 -0.78 -0.70	22.38 -0.54 -0.01	19.46 -0.38 0.00	21.77 -0.42 0.00	23.18 -0.42 0.00	25.73 -0.45 0.00	26.31 -0.42 0.00	25.10 -0.37 0.00	24.18 -0.44 -0.01	31.62 -0.39 0.00	44.29 -0.45 -0.23	27.81 -0.31 0.00	24.82 -0.25 0.00	22.61 -0.28 0.00	25.52 -0.43 0.00	28.17 -0.50 0.00	25.94 -0.46 0.00
FULTON___LFGE 323630	17.20 0.73 0.00	17.31 0.52 -5.03	27.60 0.04 -26.63	28.11 0.05 -26.89	24.93 0.30 -18.08	22.10 1.03 0.00	24.35 1.28 0.00	32.99 1.72 0.00	23.46 0.54 0.00	20.02 0.18 0.00	22.42 0.23 0.00	24.11 0.52 0.00	27.03 0.85 0.00	27.64 0.90 0.00	26.34 0.87 0.00	25.29 0.70 0.00	33.13 1.12 0.00	46.99 2.48 0.00	29.96 1.84 0.00	26.71 1.65 0.00	24.36 1.48 0.00	27.54 1.58 0.00	30.34 1.66 0.00	27.84 1.44 0.00
G.F.CEMENT___DRP 24184	17.54 1.08 0.00	17.15 0.76 -4.62	25.45 0.06 -24.47	25.95 0.08 -24.70	23.60 0.44 -16.61	22.51 1.45 0.00	24.88 1.81 0.00	33.85 2.58 0.00	24.57 1.66 0.00	21.17 1.33 0.00	23.38 1.20 0.00	24.84 1.24 0.00	27.62 1.45 0.00	28.31 1.58 0.00	26.85 1.38 0.00	26.13 1.54 0.00	34.46 2.46 0.00	48.01 3.50 0.00	30.49 2.37 0.00	27.21 2.14 0.00	24.87 1.98 0.00	27.97 2.02 0.00	30.79 2.11 0.00	28.26 1.86 0.00
GARDENVILLE___LBMP 24039	9.83 -1.69 4.95	9.85 -1.27 0.66	2.85 -0.10 -2.03	3.15 -0.11 -2.08	6.11 -0.63 -0.20	18.29 -1.90 0.88	21.07 -2.00 0.00	27.94 -2.47 0.86	21.33 -1.57 0.01	18.61 -1.23 0.00	21.04 -1.14 0.00	22.69 -0.91 0.00	25.52 -0.66 0.00	26.08 -0.65 0.00	24.85 -0.62 0.00	23.58 -1.00 0.01	30.95 -1.06 0.00	42.67 -1.56 0.28	26.84 -1.28 0.00	24.02 -1.05 0.00	21.54 -1.35 0.00	24.61 -1.34 0.00	27.67 -1.01 0.00	25.64 -0.76 0.00
GARDNVLA_35_KV_LD 355827	9.85 -1.64 4.98	9.87 -1.24 0.66	2.86 -0.09 -2.03	3.16 -0.11 -2.09	6.13 -0.62 -0.19	18.34 -1.84 0.88	21.14 -1.93 0.00	28.04 -2.37 0.86	21.43 -1.48 0.01	18.70 -1.14 0.00	21.15 -1.04 0.00	22.77 -0.83 0.00	25.62 -0.55 0.00	26.20 -0.54 0.00	24.98 -0.50 0.00	23.70 -0.88 0.01	31.10 -0.89 0.00	42.90 -1.33 0.28	26.99 -1.13 0.00	24.15 -0.92 0.00	21.66 -1.23 0.00	24.75 -1.20 0.00	27.80 -0.88 0.00	25.76 -0.64 0.00
GELCKHM___115KV_LOAD 80723	16.19 -0.28 0.00	11.89 -0.20 -0.32	2.62 -0.02 -1.71	2.89 -0.02 -1.73	7.61 -0.10 -1.16	20.74 -0.32 0.00	22.69 -0.38 0.00	30.40 -0.53 0.33	22.54 -0.37 0.00	19.56 -0.28 0.00	21.89 -0.30 0.00	23.34 -0.26 0.00	25.91 -0.27 0.00	26.49 -0.24 0.00	25.28 -0.20 0.00	24.33 -0.26 0.01	31.81 -0.20 0.00	44.21 -0.19 0.11	27.98 -0.14 0.00	24.97 -0.10 0.00	22.73 -0.15 0.00	25.66 -0.29 0.00	28.34 -0.34 0.00	26.09 -0.30 0.00
GENERAL___MILLS 23808	9.86 -1.64 4.97	9.87 -1.24 0.66	2.86 -0.09 -2.03	3.15 -0.11 -2.09	6.12 -0.62 -0.19	18.33 -1.85 0.88	21.14 -1.93 0.00	28.02 -2.38 0.86	21.41 -1.50 0.01	18.68 -1.16 0.00	21.12 -1.07 0.00	22.76 -0.84 0.00	25.60 -0.58 0.00	26.17 -0.57 0.00	24.94 -0.54 0.00	23.67 -0.91 0.01	31.05 -0.95 0.00	42.83 -1.40 0.28	26.94 -1.18 0.00	24.11 -0.96 0.00	21.63 -1.26 0.00	24.71 -1.24 0.00	27.76 -0.92 0.00	25.73 -0.67 0.00
GE_PLASTICS___DRP 24183	16.90 0.43 0.00	16.56 0.31 -4.48	24.67 0.02 -23.73	25.15 0.03 -23.95	22.81 0.14 -16.11	21.51 0.45 0.00	23.49 0.42 0.00	31.93 0.66 0.00	23.39 0.48 0.00	20.25 0.41 0.00	22.56 0.37 0.00	23.99 0.39 0.00	26.52 0.35 0.00	27.16 0.42 0.00	25.83 0.36 0.00	24.97 0.37 0.00	32.81 0.81 0.00	45.93 1.42 0.00	28.96 0.84 0.00	25.80 0.73 0.00	23.50 0.62 0.00	26.45 0.50 0.00	29.14 0.47 0.00	26.79 0.39 0.00
GILBOA___1 23756	16.80 0.34 0.00	15.60 0.26 -3.57	19.84 0.02 -18.90	20.28 0.02 -19.08	19.51 0.13 -12.83	21.42 0.36 0.00	23.48 0.40 0.00	31.93 0.66 0.00	23.38 0.46 0.00	20.26 0.42 0.00	22.63 0.44 0.00	24.07 0.47 0.00	26.69 0.51 0.00	27.29 0.56 0.00	26.00 0.53 0.00	25.17 0.57 0.00	32.89 0.89 0.00	45.70 1.19 0.00	28.87 0.75 0.00	25.75 0.68 0.00	23.50 0.61 0.00	26.45 0.50 0.00	29.21 0.53 0.00	26.83 0.43 0.00
GILBOA___2 23757	16.80 0.34 0.00	15.60 0.26 -3.57	19.84 0.02 -18.90	20.28 0.02 -19.08	19.51 0.13 -12.83	21.42 0.36 0.00	23.48 0.40 0.00	31.93 0.66 0.00	23.38 0.46 0.00	20.26 0.42 0.00	22.63 0.44 0.00	24.07 0.47 0.00	26.69 0.51 0.00	27.29 0.56 0.00	26.00 0.53 0.00	25.17 0.57 0.00	32.89 0.89 0.00	45.70 1.19 0.00	28.87 0.75 0.00	25.75 0.68 0.00	23.50 0.61 0.00	26.45 0.50 0.00	29.21 0.53 0.00	26.83 0.43 0.00

GILBOA___3 23758	16.80 0.34 0.00	15.60 0.26 -3.57	19.84 0.02 -18.90	20.28 0.02 -19.08	19.51 0.13 -12.83	21.42 0.36 0.00	23.48 0.40 0.00	31.93 0.66 0.00	23.38 0.46 0.00	20.26 0.42 0.00	22.63 0.44 0.00	24.07 0.47 0.00	26.69 0.51 0.00	27.29 0.56 0.00	26.00 0.53 0.00	25.17 0.57 0.00	32.89 0.89 0.00	45.70 1.19 0.00	28.87 0.75 0.00	25.75 0.68 0.00	23.50 0.61 0.00	26.45 0.50 0.00	29.21 0.53 0.00	26.83 0.43 0.00
GILBOA___4 23759	16.80 0.34 0.00	15.60 0.26 -3.57	19.84 0.02 -18.90	20.28 0.02 -19.08	19.51 0.13 -12.83	21.42 0.36 0.00	23.48 0.40 0.00	31.93 0.66 0.00	23.38 0.46 0.00	20.26 0.42 0.00	22.63 0.44 0.00	24.07 0.47 0.00	26.69 0.51 0.00	27.29 0.56 0.00	26.00 0.53 0.00	25.17 0.57 0.00	32.89 0.89 0.00	45.70 1.19 0.00	28.87 0.75 0.00	25.75 0.68 0.00	23.50 0.61 0.00	26.45 0.50 0.00	29.21 0.53 0.00	26.83 0.43 0.00
GILBOA___ 23599	16.80 0.34 0.00	15.60 0.27 -3.57	19.84 0.02 -18.90	20.28 0.02 -19.08	19.51 0.13 -12.83	21.42 0.36 0.00	23.48 0.40 0.00	31.93 0.66 0.00	23.38 0.47 0.00	20.25 0.41 0.00	22.62 0.44 0.00	24.06 0.46 0.00	26.69 0.51 0.00	27.29 0.56 0.00	26.01 0.53 0.00	25.17 0.57 0.00	32.89 0.89 0.00	45.70 1.19 0.00	28.87 0.75 0.00	25.75 0.68 0.00	23.50 0.61 0.00	26.45 0.50 0.00	29.21 0.53 0.00	26.83 0.43 0.00
GINNA___ 23603	11.80 -1.66 3.01	10.25 -1.19 0.33	2.41 -0.09 -1.58	2.68 -0.11 -1.62	6.27 -0.63 -0.35	18.58 -1.95 0.54	21.01 -2.06 0.00	27.65 -2.60 1.02	21.10 -1.80 0.01	18.29 -1.55 0.00	20.57 -1.62 0.00	22.11 -1.49 0.00	24.66 -1.52 0.00	25.19 -1.55 0.00	24.06 -1.41 0.00	23.06 -1.52 0.02	30.19 -1.80 0.00	41.58 -2.59 0.34	26.37 -1.75 0.00	23.52 -1.55 0.00	21.29 -1.59 0.00	24.14 -1.81 0.00	26.78 -1.90 0.00	24.69 -1.71 0.00
GLEN PARK___ 23778	18.10 -0.29 -1.92	13.44 -0.20 -1.88	2.18 -0.02 -1.27	2.67 -0.02 -1.51	7.31 -0.13 -0.88	20.54 -0.52 0.00	22.59 -0.48 0.00	30.83 -0.63 -0.19	22.62 -0.30 0.00	19.61 -0.23 0.00	21.86 -0.33 0.00	23.42 -0.18 0.00	25.78 -0.39 0.00	25.95 -0.78 0.00	24.81 -0.66 0.00	24.11 -0.49 0.00	32.43 0.43 0.00	45.51 0.94 -0.06	28.79 0.67 0.00	25.82 0.76 0.00	23.52 0.63 0.00	26.60 0.65 0.00	29.31 0.63 0.00	26.92 0.52 0.00
GLENDALE_27_KV_LOAD 356172	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.92 0.00	24.14 1.07 0.00	32.92 1.65 0.00	24.19 1.28 0.00	21.04 1.19 -0.01	23.57 1.38 0.00	25.04 1.44 0.00	27.79 1.61 0.00	28.46 1.72 -0.01	27.18 1.70 -0.01	26.37 1.77 -0.01	34.35 2.35 -0.01	47.62 3.11 0.00	30.24 2.12 0.00	26.89 1.82 0.00	24.41 1.53 0.00	27.32 1.37 0.00	30.08 1.40 0.00	27.55 1.15 0.00
GLENWOOD_IC_1_G5 23712	17.35 0.88 0.00	16.08 0.59 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.24 0.30 -13.39	22.09 1.03 0.00	24.28 1.21 0.00	33.06 1.80 0.00	24.21 1.30 0.00	20.96 1.12 0.00	23.59 1.40 0.00	25.07 1.47 0.00	27.77 1.59 0.00	28.48 1.75 0.00	27.19 1.72 0.00	26.34 1.74 0.00	34.21 2.21 0.00	47.33 2.82 0.00	30.11 1.99 0.00	26.75 1.68 0.00	24.30 1.41 0.00	27.17 1.22 0.00	30.07 1.39 0.00	27.59 1.20 0.00
GLENWOOD_IC_2_G1 23688	17.32 0.85 0.00	16.06 0.56 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.23 0.29 -13.39	22.05 0.98 0.00	24.23 1.16 0.00	32.98 1.71 0.00	24.14 1.23 0.00	20.91 1.07 0.00	23.53 1.35 0.00	24.98 1.38 0.00	27.68 1.50 0.00	28.38 1.65 0.00	27.10 1.62 0.00	26.25 1.66 0.00	34.19 2.19 0.00	47.31 2.80 0.00	30.09 1.97 0.00	26.75 1.68 0.00	24.30 1.41 0.00	27.16 1.21 0.00	30.06 1.39 0.00	27.54 1.14 0.00
GLENWOOD_IC_3_G1 23689	17.32 0.85 0.00	16.06 0.56 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.23 0.29 -13.39	22.05 0.98 0.00	24.23 1.16 0.00	32.98 1.71 0.00	24.14 1.23 0.00	20.91 1.07 0.00	23.53 1.35 0.00	24.98 1.38 0.00	27.68 1.50 0.00	28.38 1.65 0.00	27.10 1.62 0.00	26.25 1.66 0.00	34.19 2.19 0.00	47.31 2.80 0.00	30.09 1.97 0.00	26.75 1.68 0.00	24.30 1.41 0.00	27.16 1.21 0.00	30.06 1.39 0.00	27.54 1.14 0.00
GLENWOOD___4 23550	17.35 0.88 0.00	16.08 0.59 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.24 0.30 -13.39	22.09 1.03 0.00	24.28 1.21 0.00	33.06 1.80 0.00	24.21 1.30 0.00	20.96 1.12 0.00	23.59 1.40 0.00	25.07 1.47 0.00	27.77 1.59 0.00	28.48 1.75 0.00	27.19 1.72 0.00	26.34 1.74 0.00	34.25 2.25 0.00	47.39 2.88 0.00	30.14 2.02 0.00	26.78 1.71 0.00	24.33 1.44 0.00	27.20 1.25 0.00	30.10 1.42 0.00	27.59 1.20 0.00
GLENWOOD___5 23614	17.35 0.88 0.00	16.08 0.59 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.24 0.30 -13.39	22.09 1.03 0.00	24.28 1.21 0.00	33.06 1.80 0.00	24.21 1.30 0.00	20.96 1.12 0.00	23.59 1.40 0.00	25.07 1.47 0.00	27.77 1.59 0.00	28.48 1.75 0.00	27.19 1.72 0.00	26.34 1.74 0.00	34.25 2.25 0.00	47.39 2.88 0.00	30.14 2.02 0.00	26.78 1.71 0.00	24.33 1.44 0.00	27.20 1.25 0.00	30.10 1.42 0.00	27.59 1.20 0.00
GLOBAL GREEN_PORT_GT1 23814	17.47 1.00 0.00	16.15 0.66 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.29 0.35 -13.39	22.65 1.59 0.00	24.84 1.77 0.00	33.58 2.32 0.00	24.57 1.66 0.00	21.23 1.39 0.00	23.87 1.68 0.00	25.25 1.65 0.00	27.86 1.68 0.00	28.72 1.99 0.00	27.38 1.91 0.00	26.65 2.05 0.00	34.86 2.86 0.00	48.18 3.67 0.00	29.97 1.85 0.00	26.56 1.50 0.00	24.16 1.28 0.00	26.76 0.80 0.00	29.72 1.04 0.00	27.15 0.76 0.00
GLOBE___DSASP 323697	9.73 -2.42 4.32	9.53 -1.70 0.54	2.74 -0.13 -1.94	3.02 -0.15 -1.99	5.97 -0.86 -0.28	17.57 -2.72 0.78	20.16 -2.91 0.00	26.64 -3.72 0.91	20.45 -2.46 0.01	17.85 -1.99 0.00	20.18 -2.00 0.00	21.79 -1.80 0.01	24.52 -1.66 0.00	25.05 -1.68 0.01	23.82 -1.65 0.00	22.62 -1.96 0.02	29.63 -2.37 0.00	40.74 -3.47 0.30	25.65 -2.47 0.00	22.93 -2.14 0.00	20.57 -2.31 0.00	23.63 -2.32 0.00	26.68 -2.00 0.00	24.76 -1.64 0.00
GOETHSLN___LBMP 323567	17.10 0.64 0.00	15.93 0.44 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.15 0.21 -13.39	21.80 0.74 0.00	23.92 0.85 0.00	32.59 1.32 0.00	23.93 1.02 0.00	20.78 0.94 0.00	23.30 1.12 0.00	24.76 1.16 0.00	27.47 1.30 0.00	28.10 1.36 0.00	26.85 1.38 0.00	26.05 1.46 0.00	33.91 1.90 0.00	46.99 2.48 0.00	29.85 1.73 0.00	26.55 1.48 0.00	24.11 1.23 0.00	27.01 1.06 0.00	29.76 1.08 0.00	27.31 0.91 0.00
GOLAH___69_KV_TB 1_2 80279	12.20 -1.16 3.11	10.59 -0.85 0.34	2.53 -0.07 -1.67	2.81 -0.07 -1.71	6.51 -0.43 -0.39	19.25 -1.26 0.55	21.79 -1.28 0.00	28.75 -1.54 0.98	21.93 -0.97 0.01	19.00 -0.84 0.00	21.40 -0.78 0.00	23.08 -0.52 0.00	25.86 -0.32 0.00	26.34 -0.39 0.00	25.12 -0.35 0.00	24.08 -0.50 0.02	31.58 -0.42 0.00	43.49 -0.70 0.32	27.42 -0.70 0.00	24.53 -0.54 0.00	22.13 -0.76 0.00	25.14 -0.81 0.00	28.01 -0.67 0.00	25.84 -0.56 0.00

GOODYEAR_LAKE_HYD 323669	16.75 0.28 0.00	13.03 0.20 -1.06	6.56 0.02 -5.62	6.87 0.02 -5.68	10.49 0.12 -3.82	21.49 0.43 0.00	23.64 0.57 0.00	32.19 0.93 0.00	23.51 0.60 0.00	20.34 0.50 0.00	22.76 0.57 0.00	24.29 0.69 0.00	27.00 0.82 0.00	27.60 0.87 0.00	26.33 0.86 0.00	25.45 0.86 0.00	33.21 1.21 0.00	46.20 1.69 0.00	29.22 1.10 0.00	26.04 0.97 0.00	23.74 0.85 0.00	26.76 0.81 0.00	29.54 0.86 0.00	27.10 0.70 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	14.08 -0.23 2.16	12.25 -0.17 -0.66	6.78 -0.01 -5.87	7.10 -0.02 -5.94	9.93 -0.10 -3.47	20.41 -0.27 0.39	22.84 -0.23 0.00	30.88 -0.15 0.24	22.80 -0.11 0.00	19.77 -0.07 0.00	22.17 -0.02 0.00	23.68 0.08 0.00	26.37 0.19 0.00	26.95 0.22 0.00	25.72 0.25 0.00	24.77 0.18 0.00	32.37 0.37 0.00	45.02 0.59 0.08	28.45 0.33 0.00	25.41 0.34 0.00	23.06 0.17 0.00	25.99 0.04 0.00	28.73 0.05 0.00	26.41 0.02 0.00
GOUDEY___7 23579	14.08 -0.23 2.16	12.25 -0.17 -0.66	6.78 -0.01 -5.87	7.10 -0.02 -5.94	9.93 -0.10 -3.47	20.41 -0.27 0.39	22.84 -0.23 0.00	30.88 -0.15 0.24	22.80 -0.11 0.00	19.77 -0.07 0.00	22.17 -0.02 0.00	23.68 0.08 0.00	26.37 0.19 0.00	26.95 0.22 0.00	25.72 0.25 0.00	24.77 0.18 0.00	32.37 0.37 0.00	45.02 0.59 0.08	28.45 0.33 0.00	25.41 0.34 0.00	23.06 0.17 0.00	25.99 0.04 0.00	28.73 0.05 0.00	26.41 0.02 0.00
GOUDEY___8 23580	14.08 -0.23 2.16	12.25 -0.17 -0.66	6.78 -0.01 -5.87	7.10 -0.02 -5.94	9.93 -0.10 -3.47	20.41 -0.27 0.39	22.84 -0.23 0.00	30.88 -0.15 0.24	22.80 -0.11 0.00	19.77 -0.07 0.00	22.17 -0.02 0.00	23.68 0.08 0.00	26.37 0.19 0.00	26.95 0.22 0.00	25.72 0.25 0.00	24.77 0.18 0.00	32.37 0.37 0.00	45.02 0.59 0.08	28.45 0.33 0.00	25.41 0.34 0.00	23.06 0.17 0.00	25.99 0.04 0.00	28.73 0.05 0.00	26.41 0.02 0.00
GOWANUS_GT1_1 24077	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT1_2 24078	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT1_3 24079	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT1_4 24080	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT1_5 24084	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT1_6 24111	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT1_7 24112	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT1_8 24113	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT2_1 24114	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT2_2 24115	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT2_3 24116	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89

GOWANUS_GT2_4 24117	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT2_5 24118	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT2_6 24119	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT2_7 24120	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT2_8 24121	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT3_1 24122	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT3_2 24123	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT3_3 24124	17.26 0.79 0.00	16.																						

GOWANUS_GT4_3 24132	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT4_4 24133	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT4_5 24134	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT4_6 24135	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT4_7 24136	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GOWANUS_GT4_8 24137	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GREENBSH_115KV_TB3 55895	16.92 0.46 0.00	16.59 0.32 -4.49	24.75 0.02 -23.80	25.23 0.03 -24.03	22.86 0.14 -16.16	21.50 0.43 0.00	23.43 0.36 0.00	31.81 0.55 0.00	23.33 0.42 0.00	20.21 0.36 0.00	22.52 0.33 0.00	23.93 0.33 0.00	26.44 0.27 0.00	27.07 0.34 0.00	25.74 0.27 0.00	24.90 0.30 0.00	32.73 0.73 0.00	45.84 1.33 0.00	28.88 0.76 0.00	25.70 0.63 0.00	23.42 0.53 0.00	26.35 0.40 0.00	29.03 0.35 0.00	26.68 0.29 0.00
GREENIDGE_115KV_TB5 80291	1.57 -0.69 14.20	8.44 -0.51 2.82	1.70 -0.04 -0.82	2.06 -0.05 -0.93	3.43 -0.26 2.85	17.81 -0.72 2.54	22.41 -0.66 0.00	30.05 -0.70 0.52	22.41 -0.49 0.01	19.39 -0.46 0.00	21.78 -0.40 0.00	23.31 -0.29 0.00	25.97 -0.21 0.00	26.71 -0.02 0.00	25.41 -0.06 0.00	24.20 -0.39 0.01	31.93 -0.08 0.00	44.18 -0.15 0.17	28.19 0.07 0.00	25.21 0.15 0.00	22.76 -0.13 0.00	25.67 -0.28 0.00	28.48 -0.20 0.00	26.20 -0.19 0.00
GREENIDGE___3 23582	1.57 -0.69 14.20	8.44 -0.51 2.82	1.70 -0.04 -0.82	2.06 -0.05 -0.93	3.43 -0.26 2.85	17.81 -0.72 2.54	22.41 -0.66 0.00	30.05 -0.70 0.52	22.41 -0.49 0.01	19.39 -0.46 0.00	21.78 -0.40 0.00	23.31 -0.29 0.00	25.97 -0.21 0.00	26.71 -0.02 0.00	25.41 -0.06 0.00	24.20 -0.39 0.01	31.93 -0.08 0.00	44.18 -0.15 0.17	28.19 0.07 0.00	25.21 0.15 0.00	22.76 -0.13 0.00	25.67 -0.28 0.00	28.48 -0.20 0.00	26.20 -0.19 0.00
GREENIDGE___4 23583	1.56 -0.70 14.20	8.44 -0.52 2.82	1.70 -0.04 -0.82	2.06 -0.05 -0.93	3.43 -0.27 2.85	17.80 -0.72 2.54	22.41 -0.66 0.00	30.06 -0.69 0.52	22.41 -0.49 0.01	19.38 -0.46 0.00	21.77 -0.42 0.00	23.30 -0.29 0.00	25.97 -0.20 0.00	26.72 -0.02 0.00	25.41 -0.06 0.00	24.20 -0.39 0.01	31.92 -0.08 0.00	44.18 -0.15 0.17	28.20 0.07 0.00	25.22 0.15 0.00	22.76 -0.13 0.00	25.67 -0.28 0.00	28.48 -0.20 0.00	26.20 -0.19 0.00
GREENLWN_69_KV_BK 3 55738	17.36 0.89 0.00	16.08 0.59 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.25 0.31 -13.39	22.09 1.03 0.00	24.27 1.20 0.00	33.02 1.75 0.00	24.15 1.24 0.00	20.87 1.02 0.00	23.49 1.30 0.00	24.92 1.32 0.00	27.62 1.44 0.00	28.30 1.57 0.00	27.00 1.53 0.00	26.18 1.58 0.00	34.16 2.16 0.00	47.15 2.64 0.00	30.06 1.94 0.00	26.69 1.62 0.00	24.26 1.37 0.00	27.06 1.11 0.00	30.00 1.32 0.00	27.45 1.05 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
GRISSOM___SOLAR 323813	17.21 0.74 0.00	17.27 0.53 -4.98	27.33 0.04 -26.36	27.84 0.05 -26.61	24.75 0.30 -17.90	22.09 1.03 0.00	24.34 1.26 0.00	32.93 1.67 0.00	23.37 0.46 0.00	19.91 0.07 0.00	22.33 0.15 0.00	24.04 0.45 0.00	26.88 0.71 0.00	27.54 0.81 0.00	26.22 0.75 0.00	25.17 0.57 0.00	33.01 1.01 0.00	46.95 2.44 0.00	29.96 1.84 0.00	26.71 1.65 0.00	24.36 1.47 0.00	27.51 1.56 0.00	30.30 1.62 0.00	27.81 1.41 0.00
GROVEVILLE___HYD 323602	17.19 0.73 0.00	15.98 0.50 -3.71	20.64 0.04 -19.68	21.08 0.04 -19.86	20.16 0.25 -13.36	21.92 0.86 0.00	24.08 1.01 0.00	32.82 1.55 0.00	24.04 1.13 0.00	20.86 1.02 0.00	23.34 1.15 0.00	24.79 1.20 0.00	27.46 1.29 0.00	28.13 1.40 0.00	26.88 1.40 0.00	26.06 1.47 0.00	34.03 2.03 0.00	47.32 2.81 0.00	30.02 1.89 0.00	26.73 1.66 0.00	24.28 1.39 0.00	27.22 1.27 0.00	29.98 1.30 0.00	27.46 1.07 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.30 -0.17 0.00	12.00 -0.12 -0.36	2.80 -0.01 -1.88	3.06 -0.01 -1.90	7.77 -0.06 -1.28	20.90 -0.16 0.00	22.87 -0.21 0.00	30.97 -0.30 0.00	22.69 -0.22 0.00	19.69 -0.16 0.00	22.03 -0.16 0.00	23.49 -0.11 0.00	26.09 -0.08 0.00	26.69 -0.04 0.00	25.47 0.00 0.00	24.49 -0.10 0.00	32.06 0.06 0.00	44.68 0.17 0.00	28.20 0.08 0.00	25.17 0.10 0.00	22.91 0.03 0.00	25.86 -0.10 0.00	28.56 -0.12 0.00	26.26 -0.13 0.00

HAMLTNNY_34_KV_TB 80303	16.25 -0.21 0.00	11.99 -0.16 -0.37	2.88 -0.01 -1.97	3.15 -0.02 -1.99	7.82 -0.07 -1.34	20.87 -0.20 0.00	22.86 -0.21 0.00	30.97 -0.30 0.00	22.68 -0.23 0.00	19.67 -0.17 0.00	22.00 -0.19 0.00	23.49 -0.11 0.00	26.13 -0.04 0.00	26.73 0.00 0.00	25.51 0.04 0.00	24.49 -0.11 0.00	32.10 0.10 0.00	44.74 0.23 0.00	28.22 0.10 0.00	25.19 0.12 0.00	22.92 0.04 0.00	25.88 -0.08 0.00	28.58 -0.10 0.00	26.27 -0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	21.01 -0.51 -5.05	15.94 -0.36 -4.53	2.12 -0.03 -1.22	2.97 -0.03 -1.83	7.22 -0.20 -0.87	20.36 -0.71 0.00	22.38 -0.70 0.00	30.31 -0.96 0.00	22.28 -0.63 0.00	19.26 -0.58 0.00	21.46 -0.72 0.00	22.86 -0.74 0.00	25.26 -0.92 0.00	25.56 -1.18 0.00	24.33 -1.14 0.00	23.71 -0.89 0.00	31.13 -0.88 0.00	43.69 -0.82 0.00	27.65 -0.47 0.00	24.73 -0.34 0.00	22.60 -0.28 0.00	25.71 -0.23 0.00	28.44 -0.24 0.00	26.19 -0.21 0.00
HARDSCRABBLE_WT_PWR 323673	16.25 -0.22 0.00	11.65 -0.12 0.00	0.91 -0.01 0.00	1.17 -0.01 0.00	6.58 0.02 0.00	21.15 0.09 0.00	23.09 0.02 0.00	31.24 -0.03 0.00	22.93 0.02 0.00	19.93 0.09 0.00	22.14 -0.04 0.00	23.44 -0.16 0.00	26.28 0.11 0.00	26.48 -0.26 0.00	25.43 -0.04 0.00	24.64 0.04 0.00	32.36 0.36 0.00	45.24 0.73 0.00	28.57 0.45 0.00	25.22 0.15 0.00	23.08 0.19 0.00	26.14 0.19 0.00	28.96 0.28 0.00	26.60 0.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.03 0.57 0.00	15.61 0.39 -3.46	19.27 0.03 -18.32	19.70 0.03 -18.49	19.18 0.19 -12.43	21.73 0.66 0.00	23.87 0.79 0.00	32.53 1.26 0.00	23.81 0.90 0.00	20.66 0.82 0.00	23.10 0.91 0.00	24.55 0.95 0.00	27.25 1.08 0.00	27.91 1.18 0.00	26.67 1.20 0.00	25.86 1.26 0.00	33.73 1.72 0.00	46.86 2.35 0.00	29.73 1.61 0.00	26.46 1.39 0.00	24.03 1.14 0.00	26.94 0.99 0.00	29.71 1.03 0.00	27.23 0.83 0.00
HARSNRAD_115KV_TB1 81005	10.23 -1.99 4.25	9.75 -1.49 0.53	2.71 -0.11 -1.90	3.00 -0.13 -1.95	6.07 -0.75 -0.27	18.07 -2.24 0.75	20.72 -2.35 0.00	27.44 -2.91 0.91	21.02 -1.88 0.01	18.31 -1.53 0.00	20.71 -1.48 0.00	22.38 -1.22 0.00	25.16 -1.02 0.00	25.68 -1.05 0.00	24.46 -1.01 0.00	23.26 -1.32 0.02	30.51 -1.49 0.00	41.94 -2.27 0.30	26.37 -1.75 0.00	23.60 -1.47 0.00	21.12 -1.77 0.00	24.12 -1.83 0.00	27.17 -1.51 0.00	25.18 -1.22 0.00
HARZA MOOSE___RIVER 24016	17.80 -0.08 -1.41	13.07 -0.06 -1.36	1.76 -0.01 -0.84	2.18 0.00 -1.01	7.09 -0.05 -0.58	20.86 -0.20 0.00	22.87 -0.20 0.00	31.03 -0.24 0.00	22.90 -0.01 0.00	19.83 -0.02 0.00	22.12 -0.06 0.00	23.59 -0.01 0.00	26.07 -0.11 0.00	26.43 -0.31 0.00	25.23 -0.24 0.00	24.64 0.05 0.00	32.41 0.41 0.00	45.45 0.94 0.00	28.72 0.60 0.00	25.71 0.65 0.00	23.44 0.55 0.00	26.50 0.55 0.00	29.23 0.55 0.00	26.86 0.46 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	16.17 -0.29 0.00	11.89 -0.21 -0.33	2.68 -0.02 -1.77	2.94 -0.02 -1.79	7.64 -0.11 -1.20	20.72 -0.34 0.00	22.67 -0.40 0.00	30.32 -0.54 0.41	22.54 -0.37 0.00	19.56 -0.28 0.00	21.90 -0.29 0.00	23.35 -0.25 0.00	25.92 -0.26 0.00	26.51 -0.22 0.00	25.30 -0.17 0.00	24.36 -0.23 0.01	31.83 -0.17 0.00	44.20 -0.18 0.13	28.00 -0.13 0.00	24.98 -0.09 0.00	22.74 -0.15 0.00	25.66 -0.29 0.00	28.34 -0.34 0.00	26.09 -0.30 0.00
HELLGATE_13_KV_LD 55870	17.20 0.73 0.00	16.00 0.50 -3.72	20.68 0.04 -19.72	21.13 0.04 -19.91	20.19 0.25 -13.39	21.91 0.84 0.00	24.04 0.97 0.00	32.76 1.50 0.00	24.08 1.17 0.00	20.94 1.09 -0.01	23.45 1.27 0.00	24.92 1.32 0.00	27.65 1.47 0.00	28.30 1.56 -0.01	27.04 1.56 -0.01	26.23 1.63 -0.01	34.17 2.16 -0.01	47.35 2.84 0.00	30.08 1.96 0.00	26.75 1.69 0.00	24.29 1.40 0.00	27.17 1.22 0.00	29.93 1.25 0.00	27.42 1.02 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	17.20 0.73 0.00	16.00 0.50 -3.72	20.68 0.04 -19.72	21.13 0.04 -19.91	20.19 0.25 -13.39	21.91 0.84 0.00	24.04 0.97 0.00	32.76 1.50 0.00	24.08 1.17 0.00	20.94 1.09 -0.01	23.45 1.27 0.00	24.92 1.32 0.00	27.65 1.47 0.00	28.30 1.56 -0.01	27.04 1.56 -0.01	26.23 1.63 -0.01	34.17 2.16 -0.01	47.35 2.84 0.00	30.08 1.96 0.00	26.75 1.69 0.00	24.29 1.40 0.00	27.17 1.22 0.00	29.93 1.25 0.00	27.42 1.02 0.00
HEMPSTEAD____ 23647	17.28 0.82 0.00	16.03 0.54 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.22 0.28 -13.39	22.01 0.94 0.00	24.19 1.12 0.00	32.92 1.65 0.00	24.09 1.18 0.00	20.86 1.02 0.00	23.48 1.30 0.00	24.93 1.34 0.00	27.62 1.44 0.00	28.32 1.59 0.00	27.04 1.57 0.00	26.20 1.60 0.00	34.10 2.09 0.00	47.17 2.66 0.00	30.01 1.89 0.00	26.67 1.60 0.00	24.23 1.34 0.00	27.08 1.13 0.00	29.99 1.32 0.00	27.47 1.07 0.00
HEWLETT_69_KV_BK3 55828	17.40 0.93 0.00	16.11 0.62 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.26 0.32 -13.39	22.17 1.10 0.00	24.35 1.28 0.00	33.11 1.84 0.00	24.23 1.31 0.00	21.00 1.16 0.00	23.67 1.49 0.00	25.16 1.56 0.00	27.83 1.66 0.00	28.55 1.81 0.00	27.27 1.80 0.00	26.40 1.81 0.00	34.39 2.39 0.00	47.57 3.06 0.00	30.27 2.15 0.00	26.91 1.84 0.00	24.45 1.56 0.00	27.39 1.43 0.00	30.32 1.64 0.00	27.72 1.32 0.00
HICKLING___1 23621	2.62 -0.73 13.11	8.91 -0.54 2.33	3.07 -0.04 -2.19	3.44 -0.05 -2.31	4.60 -0.29 1.66	17.91 -0.81 2.34	22.30 -0.77 0.00	30.08 -0.77 0.42	22.39 -0.51 0.00	19.47 -0.37 0.00	21.92 -0.26 0.00	23.45 -0.14 0.00	26.27 0.09 0.00	26.89 0.15 0.00	25.63 0.15 0.00	24.46 -0.14 0.01	32.08 0.08 0.00	44.57 0.20 0.14	28.18 0.06 0.00	25.27 0.21 0.00	22.74 -0.15 0.00	25.64 -0.31 0.00	28.49 -0.19 0.00	26.25 -0.15 0.00
HICKLING___2 23622	2.62 -0.73 13.11	8.91 -0.54 2.33	3.07 -0.04 -2.19	3.44 -0.05 -2.31	4.60 -0.29 1.66	17.91 -0.81 2.34	22.30 -0.77 0.00	30.08 -0.77 0.42	22.39 -0.51 0.00	19.47 -0.37 0.00	21.92 -0.26 0.00	23.45 -0.14 0.00	26.27 0.09 0.00	26.89 0.15 0.00	25.63 0.15 0.00	24.46 -0.14 0.01	32.08 0.08 0.00	44.57 0.20 0.14	28.18 0.06 0.00	25.27 0.21 0.00	22.74 -0.15 0.00	25.64 -0.31 0.00	28.49 -0.19 0.00	26.25 -0.15 0.00
HIGH FALLS___HY 23754	17.00 0.53 0.00	15.83 0.35 -3.71	20.59 0.02 -19.64	21.03 0.03 -19.82	20.05 0.17 -13.33	21.69 0.62 0.00	23.86 0.79 0.00	32.55 1.29 0.00	23.85 0.94 0.00	20.74 0.89 0.00	23.14 0.96 0.00	24.50 0.90 0.00	27.15 0.97 0.00	27.80 1.07 0.00	26.71 1.23 0.00	25.98 1.38 0.00	33.73 1.73 0.00	46.66 2.16 0.00	29.75 1.63 0.00	26.53 1.46 0.00	24.10 1.21 0.00	26.99 1.04 0.00	29.75 1.07 0.00	27.25 0.86 0.00
HIGH_RIVER___SOLAR 323847	17.05 0.59 0.00	16.97 0.41 -4.79	26.34 0.03 -25.38	26.84 0.04 -25.63	24.02 0.23 -17.23	21.81 0.75 0.00	23.98 0.91 0.00	32.57 1.30 0.00	23.46 0.55 0.00	20.10 0.25 0.00	22.34 0.15 0.00	23.93 0.33 0.00	26.74 0.56 0.00	27.37 0.64 0.00	26.06 0.58 0.00	25.00 0.40 0.00	32.85 0.85 0.00	46.31 1.80 0.00	29.50 1.38 0.00	26.30 1.23 0.00	23.99 1.10 0.00	27.08 1.13 0.00	29.85 1.17 0.00	27.42 1.02 0.00

HILLBURN___GT 23639	17.00 0.53 0.00	15.64 0.36 -3.50	19.50 0.02 -18.55	19.93 0.03 -18.73	19.32 0.18 -12.59	21.69 0.63 0.00	23.82 0.75 0.00	32.49 1.23 0.00	23.78 0.87 0.00	20.63 0.79 0.00	23.09 0.90 0.00	24.54 0.94 0.00	27.24 1.06 0.00	27.87 1.14 0.00	26.62 1.15 0.00	25.83 1.23 0.00	33.66 1.66 0.00	46.71 2.20 0.00	29.64 1.52 0.00	26.38 1.31 0.00	23.95 1.07 0.00	26.85 0.90 0.00	29.61 0.93 0.00	27.16 0.76 0.00
HILLSIDE_115KV_TB1 80332	3.38 -0.71 12.37	9.15 -0.51 2.11	3.43 -0.04 -2.55	3.79 -0.05 -2.66	5.02 -0.29 1.24	18.01 -0.85 2.21	22.25 -0.82 0.00	30.05 -0.83 0.39	22.34 -0.57 0.00	19.39 -0.45 0.00	21.82 -0.36 0.00	23.35 -0.24 0.00	26.12 -0.06 0.00	26.72 -0.02 0.00	25.46 -0.01 0.00	24.40 -0.20 0.01	31.93 -0.07 0.00	44.35 -0.03 0.13	28.01 -0.11 0.00	25.08 0.02 0.00	22.63 -0.26 0.00	25.50 -0.45 0.00	28.24 -0.44 0.00	25.97 -0.42 0.00
HISHELDN_WT_PWR 323625	8.84 -1.74 5.89	9.64 -1.29 0.83	2.94 -0.10 -2.12	3.24 -0.12 -2.18	5.92 -0.66 -0.03	18.09 -1.93 1.05	21.02 -2.05 0.00	27.89 -2.58 0.79	21.22 -1.68 0.01	18.48 -1.37 0.00	20.83 -1.36 0.00	22.46 -1.14 0.00	25.30 -0.88 0.00	25.85 -0.88 0.00	24.60 -0.87 0.00	23.27 -1.31 0.01	30.62 -1.38 0.00	42.50 -1.75 0.26	26.75 -1.37 0.00	23.94 -1.13 0.00	21.44 -1.45 0.00	24.49 -1.46 0.00	27.61 -1.07 0.00	25.61 -0.79 0.00
HOLTSVILLE_IC_1 23690	17.37 0.90 0.00	16.08 0.59 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.26 0.31 -13.39	22.13 1.07 0.00	24.28 1.21 0.00	32.97 1.70 0.00	24.11 1.20 0.00	20.83 0.99 0.00	23.45 1.27 0.00	24.81 1.21 0.00	27.43 1.26 0.00	28.15 1.42 0.00	26.88 1.41 0.00	26.08 1.48 0.00	34.04 2.03 0.00	46.93 2.43 0.00	29.94 1.82 0.00	26.56 1.49 0.00	24.14 1.25 0.00	26.89 0.94 0.00	29.87 1.19 0.00	27.31 0.91 0.00
HOLTSVILLE_IC_10 23699	17.42 0.95 0.00	16.11 0.62 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.27 0.34 -13.39	22.20 1.13 0.00	24.36 1.29 0.00	33.07 1.81 0.00	24.20 1.28 0.00	20.91 1.06 0.00	23.52 1.34 0.00	24.89 1.29 0.00	27.52 1.35 0.00	28.26 1.53 0.00	27.00 1.52 0.00	26.21 1.61 0.00	34.23 2.23 0.00	47.17 2.66 0.00	30.10 1.98 0.00	26.71 1.64 0.00	24.26 1.37 0.00	27.02 1.07 0.00	30.02 1.34 0.00	27.42 1.03 0.00
HOLTSVILLE_IC_2 23691	17.37 0.90 0.00	16.08 0.59 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.26 0.31 -13.39	22.13 1.07 0.00	24.28 1.21 0.00	32.97 1.70 0.00	24.11 1.20 0.00	20.83 0.99 0.00	23.45 1.27 0.00	24.81 1.21 0.00	27.43 1.26 0.00	28.15 1.42 0.00	26.88 1.41 0.00	26.08 1.48 0.00	34.04 2.03 0.00	46.93 2.43 0.00	29.94 1.82 0.00	26.56 1.49 0.00	24.14 1.25 0.00	26.89 0.94 0.00	29.87 1.19 0.00	27.31 0.91 0.00
HOLTSVILLE_IC_3 23692	17.37 0.90 0.00	16.08 0.59 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.26 0.31 -13.39	22.13 1.07 0.00	24.28 1.21 0.00	32.97 1.70 0.00	24.11 1.20 0.00	20.83 0.99 0.00	23.45 1.27 0.00	24.81 1.21 0.00	27.43 1.26 0.00	28.15 1.42 0.00	26.88 1.41 0.00	26.08 1.48 0.00	34.04 2.03 0.00	46.93 2.43 0.00	29.94 1.82 0.00	26.56 1.49 0.00	24.14 1.25 0.00	26.89 0.94 0.00	29.87 1.19 0.00	27.31 0.91 0.00
HOLTSVILLE_IC_4 23693	17.37 0.90 0.00	16.08 0.59 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.26 0.31 -13.39	22.13 1.07 0.00	24.28 1.21 0.00	32.97 1.70 0.00	24.11 1.20 0.00	20.83 0.99 0.00	23.45 1.27 0.00	24.81 1.21 0.00	27.43 1.26 0.00	28.15 1.42 0.00	26.88 1.41 0.00	26.08 1.48 0.00	34.04 2.03 0.00	46.93 2.43 0.00	29.94 1.82 0.00	26.56 1.49 0.00	24.14 1.25 0.00	26.89 0.94 0.00	29.87 1.19 0.00	27.31 0.91 0.00
HOLTSVILLE_IC_5 23694	17.37 0.90 0.00	16.08 0.59 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.26 0.31 -13.39	22.13 1.07 0.00	24.28 1.21 0.00	32.97 1.70 0.00	24.11 1.20 0.00	20.83 0.99 0.00	23.45 1.27 0.00	24.81 1.21 0.00	27.43 1.26 0.00	28.15 1.42 0.00	26.88 1.41 0.00	26.08 1.48 0.00	34.04 2.03 0.00	46.93 2.43 0.00	29.94 1.82 0.00	26.56 1.49 0.00	24.14 1.25 0.00	26.89 0.94 0.00	29.87 1.19 0.00	27.31 0.91 0.00
HOLTSVILLE_IC_6 23695	17.42 0.95 0.00	16.11 0.62 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.27 0.34 -13.39	22.20 1.13 0.00	24.36 1.29 0.00	33.07 1.81 0.00	24.20 1.28 0.00	20.91 1.06 0.00	23.52 1.34 0.00	24.89 1.29 0.00	27.52 1.35 0.00	28.26 1.53 0.00	27.00 1.52 0.00	26.21 1.61 0.00	34.23 2.23 0.00	47.17 2.66 0.00	30.10 1.98 0.00	26.71 1.64 0.00	24.26 1.37 0.00	27.02 1.07 0.00	30.02 1.34 0.00	27.42 1.03 0.00
HOLTSVILLE_IC_7 23696	17.42 0.95 0.00	16.11 0.62 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.27 0.34 -13.39	22.20 1.13 0.00	24.36 1.29 0.00	33.07 1.81 0.00	24.20 1.28 0.00	20.91 1.06 0.00	23.52 1.34 0.00	24.89 1.29 0.00	27.52 1.35 0.00	28.26 1.53 0.00	27.00 1.52 0.00	26.21 1.61 0.00	34.23 2.23 0.00	47.17 2.66 0.00	30.10 1.98 0.00	26.71 1.64 0.00	24.26 1.37 0.00	27.02 1.07 0.00	30.02 1.34 0.00	27.42 1.03 0.00
HOLTSVILLE_IC_8 23697	17.42 0.95 0.00	16.11 0.62 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.27 0.34 -13.39	22.20 1.13 0.00	24.36 1.29 0.00	33.07 1.81 0.00	24.20 1.28 0.00	20.91 1.06 0.00	23.52 1.34 0.00	24.89 1.29 0.00	27.52 1.35 0.00	28.26 1.53 0.00	27.00 1.52 0.00	26.21 1.61 0.00	34.23 2.23 0.00	47.17 2.66 0.00	30.10 1.98 0.00	26.71 1.64 0.00	24.26 1.37 0.00	27.02 1.07 0.00	30.02 1.34 0.00	27.42 1.03 0.00
HOLTSVILLE_IC_9 23698	17.42 0.95 0.00	16.11 0.62 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.27 0.34 -13.39	22.20 1.13 0.00	24.36 1.29 0.00	33.07 1.81 0.00	24.20 1.28 0.00	20.91 1.06 0.00	23.52 1.34 0.00	24.89 1.29 0.00	27.52 1.35 0.00	28.26 1.53 0.00	27.00 1.52 0.00	26.21 1.61 0.00	34.23 2.23 0.00	47.17 2.66 0.00	30.10 1.98 0.00	26.71 1.64 0.00	24.26 1.37 0.00	27.02 1.07 0.00	30.02 1.34 0.00	27.42 1.03 0.00
HOMER_HL_115KV_TB2 355744	8.97 -0.81 6.69	10.09 -0.67 1.01	2.93 -0.05 -2.06	3.25 -0.05 -2.12	6.02 -0.33 0.21	18.97 -0.91 1.19	22.19 -0.88 0.00	29.46 -1.03 0.78	22.34 -0.56 0.01	19.47 -0.38 0.00	21.92 -0.27 0.00	23.56 -0.05 -0.01	26.45 0.27 0.00	26.96 0.22 -0.01	25.78 0.31 0.00	24.53 -0.05 0.01	32.22 0.22 0.00	44.55 0.29 0.25	28.11 -0.01 0.00	25.10 0.03 0.00	22.57 -0.31 0.00	25.53 -0.42 0.00	28.56 -0.11 0.00	26.42 0.03 0.00
HOWARD_WT_PWR 323690	-1.66 -2.03 16.10	7.10 -1.46 3.22	1.59 -0.12 -0.78	1.93 -0.15 -0.90	2.44 -0.78 3.33	16.01 -2.18 2.87	21.07 -2.00 0.00	28.46 -2.25 0.55	21.62 -1.28 0.01	18.65 -1.19 0.00	20.94 -1.24 0.00	22.29 -1.31 0.00	25.33 -0.85 0.00	26.42 -0.32 0.00	24.68 -0.80 0.00	23.00 -1.59 0.01	30.23 -1.77 0.00	42.76 -1.57 0.18	27.68 -0.45 0.00	25.17 0.10 0.00	22.41 -0.48 0.00	24.78 -1.18 0.00	27.63 -1.05 0.00	25.27 -1.12 0.00

HQ_GEN_CEDARS 23644	17.69 -0.01 -1.23	12.85 0.00 -1.08	1.10 0.01 -0.17	1.50 0.00 -0.32	6.70 0.02 -0.13	21.12 0.06 0.00	23.20 0.13 0.00	31.29 0.02 0.00	22.89 -0.02 0.00	19.77 -0.07 0.00	22.09 -0.10 0.00	23.42 -0.17 0.00	25.96 -0.22 0.00	26.36 -0.37 0.00	25.04 -0.43 0.00	24.19 -0.41 0.00	31.29 -0.71 0.00	43.56 -0.95 0.00	27.54 -0.58 0.00	24.51 -0.56 0.00	22.49 -0.39 0.00	25.81 -0.14 0.00	28.61 -0.07 0.00	26.42 0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	17.69 -0.01 -1.23	12.85 0.00 -1.08	1.10 0.00 -0.17	1.50 0.00 -0.32	6.70 0.02 -0.13	21.12 0.06 0.00	23.20 0.13 0.00	31.29 0.02 0.00	22.89 -0.02 0.00	19.77 -0.07 0.00	22.09 -0.10 0.00	23.42 -0.17 0.00	25.96 -0.22 0.00	26.36 -0.37 0.00	25.04 -0.43 0.00	24.19 -0.41 0.00	31.29 -0.71 0.00	43.56 -0.95 0.00	27.54 -0.58 0.00	24.51 -0.56 0.00	19.30 -0.39 3.20	27.44 -0.14 -1.63	28.61 -0.07 0.00	26.42 0.03 0.00
HQ_GEN_IMPORT 323601	16.46 0.00 0.00	11.77 0.00 0.00	0.93 0.00 0.00	1.18 0.00 0.00	6.56 0.01 0.00	21.10 0.04 0.00	23.14 0.07 0.00	33.50 0.08 -2.16	23.03 0.05 -0.06	19.86 0.01 0.00	22.96 0.03 -0.74	23.60 0.00 0.00	26.17 0.00 0.00	26.67 -0.06 0.00	25.39 -0.08 0.00	24.51 -0.09 0.00	31.70 -0.30 0.00	44.03 -0.48 0.00	27.81 -0.31 0.00	20.79 -0.30 3.98	20.70 -0.20 1.98	29.35 -0.03 -3.42	28.70 0.02 0.00	26.44 0.05 0.00
HQ_GEN_WHEEL 23651	16.46 0.00 0.00	11.77 0.00 0.00	0.93 0.00 0.00	1.18 0.00 0.00	6.56 0.01 0.00	21.10 0.04 0.00	23.14 0.07 0.00	33.50 0.08 -2.16	23.03 0.05 -0.06	19.86 0.01 0.00	22.96 0.03 -0.74	23.60 0.00 0.00	26.17 0.00 0.00	26.67 -0.06 0.00	25.39 -0.08 0.00	24.51 -0.09 0.00	31.70 -0.30 0.00	44.03 -0.48 0.00	27.81 -0.31 0.00	20.79 -0.30 3.98	20.70 -0.20 1.98	29.35 -0.03 -3.42	28.70 0.02 0.00	26.44 0.05 0.00
HUDSON AVE_GT_3 23810	17.19 0.72 0.00	15.99 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.90 0.83 0.00	24.03 0.95 0.00	32.76 1.49 0.00	24.05 1.13 0.00	20.91 1.06 0.00	23.45 1.26 0.00	24.90 1.30 0.00	27.62 1.45 0.00	28.27 1.54 0.00	27.01 1.54 0.00	26.21 1.61 0.00	34.15 2.14 0.00	47.35 2.84 0.00	30.06 1.94 0.00	26.74 1.67 0.00	24.28 1.39 0.00	27.18 1.23 0.00	29.94 1.26 0.00	27.43 1.04 0.00
HUDSON AVE_GT_4 23540	17.19 0.72 0.00	15.99 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.90 0.83 0.00	24.03 0.95 0.00	32.76 1.49 0.00	24.05 1.13 0.00	20.91 1.06 0.00	23.45 1.26 0.00	24.90 1.30 0.00	27.62 1.45 0.00	28.27 1.54 0.00	27.01 1.54 0.00	26.21 1.61 0.00	34.15 2.14 0.00	47.35 2.84 0.00	30.06 1.94 0.00	26.74 1.67 0.00	24.28 1.39 0.00	27.18 1.23 0.00	29.94 1.26 0.00	27.43 1.04 0.00
HUDSON AVE_GT_5 23657	17.19 0.72 0.00	15.99 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.90 0.83 0.00	24.03 0.95 0.00	32.76 1.49 0.00	24.05 1.13 0.00	20.91 1.06 0.00	23.45 1.26 0.00	24.90 1.30 0.00	27.62 1.45 0.00	28.27 1.54 0.00	27.01 1.54 0.00	26.21 1.61 0.00	34.15 2.14 0.00	47.35 2.84 0.00	30.06 1.94 0.00	26.74 1.67 0.00	24.28 1.39 0.00	27.18 1.23 0.00	29.94 1.26 0.00	27.43 1.04 0.00
HUDSON_AVE_10 24168	17.13 0.66 0.00	15.95 0.46 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.16 0.22 -13.39	21.83 0.77 0.00	23.94 0.87 0.00	32.63 1.36 0.00	23.96 1.05 0.00	20.83 0.99 0.00	23.36 1.17 0.00	24.79 1.19 0.00	27.51 1.33 0.00	28.16 1.43 0.00	26.89 1.43 0.00	26.13 1.53 0.00	34.02 2.01 0.00	47.18 2.67 0.00	29.95 1.82 0.00	26.64 1.57 0.00	24.19 1.31 0.00	27.10 1.15 0.00	29.83 1.16 0.00	27.33 0.94 0.00
HUDSON___115KV_TB 4 355613	17.20 0.73 0.00	16.68 0.52 -4.39	24.21 0.03 -23.26	24.70 0.04 -23.48	22.60 0.25 -15.79	21.87 0.81 0.00	23.91 0.84 0.00	32.49 1.22 0.00	23.73 0.81 0.00	20.44 0.60 0.00	22.70 0.51 0.00	24.12 0.52 0.00	26.69 0.52 0.00	27.39 0.66 0.00	26.09 0.62 0.00	25.14 0.55 0.00	33.17 1.17 0.00	46.82 2.31 0.00	29.57 1.45 0.00	26.37 1.30 0.00	24.01 1.12 0.00	26.99 1.04 0.00	29.69 1.01 0.00	27.25 0.85 0.00
HUNTER MOUNT___DRP 323613	17.30 0.84 0.00	16.64 0.60 -4.27	23.62 0.04 -22.65	24.09 0.05 -22.87	22.23 0.29 -15.38	22.01 0.95 0.00	24.08 1.01 0.00	32.72 1.45 0.00	23.87 0.96 0.00	20.53 0.69 0.00	22.73 0.55 0.00	24.18 0.58 0.00	26.80 0.62 0.00	27.51 0.78 0.00	26.20 0.73 0.00	25.22 0.62 0.00	33.35 1.34 0.00	47.15 2.64 0.00	29.80 1.68 0.00	26.59 1.52 0.00	24.20 1.31 0.00	27.21 1.26 0.00	29.90 1.22 0.00	27.44 1.05 0.00
HUNTINGTON_RES_REC 323705	17.39 0.92 0.00	16.09 0.60 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.26 0.32 -13.39	22.13 1.07 0.00	24.31 1.24 0.00	33.05 1.78 0.00	24.16 1.25 0.00	20.88 1.03 0.00	23.49 1.31 0.00	24.89 1.29 0.00	27.56 1.38 0.00	28.27 1.53 0.00	26.99 1.52 0.00	26.19 1.59 0.00	34.21 2.21 0.00	47.15 2.64 0.00	30.09 1.97 0.00	26.70 1.63 0.00	24.26 1.38 0.00	27.04 1.08 0.00	30.02 1.34 0.00	27.44 1.04 0.00
HUNTLEY___63 23557	10.08 -1.91 4.48	9.80 -1.40 0.57	2.77 -0.11 -1.95	3.06 -0.12 -2.01	6.11 -0.70 -0.25	18.15 -2.11 0.80	20.86 -2.21 0.00	27.64 -2.73 0.90	21.16 -1.74 0.01	18.47 -1.38 0.00	20.88 -1.31 0.00	22.55 -1.05 0.00	25.36 -0.81 0.00	25.90 -0.83 0.00	24.67 -0.80 0.00	23.44 -1.14 0.01	30.74 -1.26 0.00	42.30 -1.92 0.29	26.61 -1.51 0.00	23.81 -1.26 0.00	21.35 -1.54 0.00	24.41 -1.54 0.00	27.48 -1.19 0.00	25.47 -0.93 0.00
HUNTLEY___64 23558	10.08 -1.91 4.48	9.80 -1.40 0.57	2.77 -0.11 -1.95	3.06 -0.12 -2.01	6.11 -0.70 -0.25	18.15 -2.11 0.80	20.86 -2.21 0.00	27.64 -2.73 0.90	21.16 -1.74 0.01	18.47 -1.38 0.00	20.88 -1.31 0.00	22.55 -1.05 0.00	25.36 -0.81 0.00	25.90 -0.83 0.00	24.67 -0.80 0.00	23.44 -1.14 0.01	30.74 -1.26 0.00	42.30 -1.92 0.29	26.61 -1.51 0.00	23.81 -1.26 0.00	21.35 -1.54 0.00	24.41 -1.54 0.00	27.48 -1.19 0.00	25.47 -0.93 0.00
HUNTLEY___65 23559	10.08 -1.91 4.48	9.80 -1.40 0.57	2.77 -0.11 -1.95	3.06 -0.12 -2.01	6.11 -0.70 -0.25	18.15 -2.11 0.80	20.86 -2.21 0.00	27.64 -2.73 0.90	21.16 -1.74 0.01	18.47 -1.38 0.00	20.88 -1.31 0.00	22.55 -1.05 0.00	25.36 -0.81 0.00	25.90 -0.83 0.00	24.67 -0.80 0.00	23.44 -1.14 0.01	30.74 -1.26 0.00	42.30 -1.92 0.29	26.61 -1.51 0.00	23.81 -1.26 0.00	21.35 -1.54 0.00	24.41 -1.54 0.00	27.48 -1.19 0.00	25.47 -0.93 0.00
HUNTLEY___66 23560	10.08 -1.91 4.48	9.80 -1.40 0.57	2.77 -0.11 -1.95	3.06 -0.12 -2.01	6.11 -0.70 -0.25	18.15 -2.11 0.80	20.86 -2.21 0.00	27.64 -2.73 0.90	21.16 -1.74 0.01	18.47 -1.38 0.00	20.88 -1.31 0.00	22.55 -1.05 0.00	25.36 -0.81 0.00	25.90 -0.83 0.00	24.67 -0.80 0.00	23.44 -1.14 0.01	30.74 -1.26 0.00	42.30 -1.92 0.29	26.61 -1.51 0.00	23.81 -1.26 0.00	21.35 -1.54 0.00	24.41 -1.54 0.00	27.48 -1.19 0.00	25.47 -0.93 0.00



HUNTLEY___67 23561	10.01 -1.91 4.55	9.78 -1.41 0.58	2.79 -0.11 -1.98	3.08 -0.12 -2.03	6.10 -0.72 -0.27	18.09 -2.18 0.80	20.76 -2.31 0.00	27.49 -2.88 0.89	21.02 -1.88 0.01	18.35 -1.50 0.00	20.75 -1.44 0.00	22.38 -1.22 0.00	25.17 -1.01 0.00	25.72 -1.01 0.00	24.50 -0.98 0.00	23.27 -1.31 0.01	30.51 -1.49 0.00	42.00 -2.22 0.29	26.40 -1.72 0.00	23.61 -1.46 0.00	21.18 -1.70 0.00	24.25 -1.70 0.00	27.27 -1.41 0.00	25.27 -1.12 0.00
HUNTLEY___68 23562	10.01 -1.91 4.55	9.78 -1.41 0.58	2.79 -0.11 -1.98	3.08 -0.12 -2.03	6.10 -0.72 -0.27	18.09 -2.18 0.80	20.76 -2.31 0.00	27.49 -2.88 0.89	21.02 -1.88 0.01	18.35 -1.50 0.00	20.75 -1.44 0.00	22.38 -1.22 0.00	25.17 -1.01 0.00	25.72 -1.01 0.00	24.50 -0.98 0.00	23.27 -1.31 0.01	30.51 -1.49 0.00	42.00 -2.22 0.29	26.40 -1.72 0.00	23.61 -1.46 0.00	21.18 -1.70 0.00	24.25 -1.70 0.00	27.27 -1.41 0.00	25.27 -1.12 0.00
HYLAND___LFGE 323620	9.31 -0.77 6.38	10.21 -0.59 0.97	2.80 -0.05 -1.93	3.11 -0.05 -1.99	6.04 -0.29 0.22	19.24 -0.68 1.14	22.53 -0.54 0.00	30.01 -0.48 0.78	22.49 -0.41 0.01	19.30 -0.53 0.00	21.46 -0.73 0.00	23.26 -0.34 0.00	26.35 0.17 0.00	26.44 -0.29 0.00	25.22 -0.25 0.00	24.10 -0.48 0.01	31.77 -0.23 0.00	45.03 0.78 0.25	28.59 0.47 0.00	25.62 0.55 0.00	23.05 0.17 0.00	26.09 0.14 0.00	29.12 0.44 0.00	26.88 0.49 0.00
INDECK___CORINTH 23802	17.49 1.02 0.00	17.11 0.72 -4.63	25.49 0.05 -24.51	25.99 0.07 -24.74	23.60 0.41 -16.64	22.43 1.36 0.00	24.78 1.70 0.00	33.72 2.45 0.00	24.48 1.57 0.00	21.10 1.26 0.00	23.29 1.10 0.00	24.75 1.15 0.00	27.52 1.35 0.00	28.16 1.43 0.00	26.74 1.27 0.00	25.98 1.39 0.00	34.23 2.23 0.00	47.70 3.20 0.00	30.36 2.24 0.00	27.09 2.02 0.00	24.78 1.90 0.00	27.89 1.94 0.00	30.70 2.02 0.00	28.16 1.77 0.00
INDECK___ILION 23567	16.64 0.17 0.00	11.88 0.11 0.00	0.93 0.00 0.00	1.18 0.01 0.00	6.59 0.04 0.00	21.17 0.11 0.00	23.27 0.19 0.00	31.45 0.18 0.00	22.91 0.00 0.00	19.76 -0.09 0.00	22.00 -0.18 0.00	23.46 -0.14 0.00	26.08 -0.09 0.00	26.78 0.05 0.00	25.45 -0.02 0.00	24.54 -0.06 0.00	32.25 0.24 0.00	45.33 0.82 0.00	28.68 0.56 0.00	25.62 0.55 0.00	23.36 0.47 0.00	26.29 0.34 0.00	28.95 0.27 0.00	26.54 0.14 0.00
INDECK___OLEAN 23982	8.96 -0.82 6.69	10.08 -0.67 1.01	2.92 -0.06 -2.06	3.24 -0.06 -2.12	6.01 -0.34 0.21	18.97 -0.91 1.19	22.19 -0.88 0.00	29.46 -1.03 0.78	22.34 -0.57 0.01	19.45 -0.39 0.00	21.88 -0.31 0.00	23.55 -0.06 -0.01	26.46 0.28 0.00	26.96 0.22 -0.01	25.79 0.32 0.00	24.54 -0.05 0.01	32.23 0.23 0.00	44.55 0.29 0.25	28.12 -0.01 0.00	25.10 0.03 0.00	22.58 -0.31 0.00	25.54 -0.42 0.00	28.57 -0.11 0.00	26.42 0.03 0.00
INDECK___OSWEGO 23783	16.07 -0.39 0.00	11.77 -0.28 -0.28	2.38 -0.02 -1.47	2.64 -0.03 -1.49	7.40 -0.15 -1.00	20.56 -0.50 0.00	22.47 -0.60 0.00	31.65 -0.86 -1.25	22.33 -0.59 -0.01	19.38 -0.46 0.00	21.65 -0.53 0.00	23.08 -0.52 0.00	25.60 -0.58 0.00	26.15 -0.59 0.00	24.95 -0.53 0.00	24.05 -0.57 -0.02	31.45 -0.56 0.00	44.23 -0.69 -0.41	27.68 -0.44 0.00	24.69 -0.37 0.00	22.51 -0.37 0.00	25.42 -0.53 0.00	28.08 -0.61 0.00	25.86 -0.54 0.00
INDECK___YERKES 23781	10.09 -1.90 4.48	9.81 -1.39 0.57	2.77 -0.11 -1.95	3.06 -0.12 -2.01	6.10 -0.70 -0.25	18.17 -2.09 0.80	20.89 -2.18 0.00	27.67 -2.70 0.90	21.19 -1.72 0.01	18.48 -1.37 0.00	20.85 -1.33 0.00	22.56 -1.03 0.00	25.41 -0.77 0.00	25.93 -0.80 0.00	24.71 -0.77 0.00	23.47 -1.11 0.01	30.78 -1.22 0.00	42.36 -1.86 0.29	26.64 -1.48 0.00	23.85 -1.22 0.00	21.38 -1.51 0.00	24.44 -1.51 0.00	27.52 -1.16 0.00	25.49 -0.90 0.00
INDIAN POINT_GT_1 24139	17.02 0.55 0.00	15.78 0.37 -3.64	20.21 0.02 -19.26	20.65 0.03 -19.45	19.81 0.18 -13.08	21.70 0.64 0.00	23.82 0.75 0.00	32.47 1.21 0.00	23.78 0.87 0.00	20.63 0.79 0.00	23.09 0.90 0.00	24.54 0.94 0.00	27.22 1.04 0.00	27.85 1.12 0.00	26.60 1.13 0.00	25.81 1.21 0.00	33.65 1.65 0.00	46.70 2.19 0.00	29.63 1.52 0.00	26.38 1.31 0.00	23.95 1.07 0.00	26.86 0.91 0.00	29.61 0.93 0.00	27.15 0.76 0.00
INDIAN POINT_GT_2 23659	17.02 0.55 0.00	15.78 0.37 -3.64	20.21 0.02 -19.26	20.65 0.03 -19.45	19.81 0.18 -13.08	21.70 0.64 0.00	23.82 0.75 0.00	32.47 1.21 0.00	23.78 0.87 0.00	20.63 0.79 0.00	23.09 0.90 0.00	24.54 0.94 0.00	27.22 1.04 0.00	27.85 1.12 0.00	26.60 1.13 0.00	25.81 1.21 0.00	33.65 1.65 0.00	46.70 2.19 0.00	29.63 1.52 0.00	26.38 1.31 0.00	23.95 1.07 0.00	26.86 0.91 0.00	29.61 0.93 0.00	27.15 0.76 0.00
INDIAN POINT_GT_3 24019	17.02 0.55 0.00	15.78 0.37 -3.64	20.21 0.02 -19.26	20.65 0.03 -19.45	19.81 0.18 -13.08	21.70 0.64 0.00	23.82 0.75 0.00	32.47 1.21 0.00	23.78 0.87 0.00	20.63 0.79 0.00	23.09 0.90 0.00	24.54 0.94 0.00	27.22 1.04 0.00	27.85 1.12 0.00	26.60 1.13 0.00	25.81 1.21 0.00	33.65 1.65 0.00	46.70 2.19 0.00	29.63 1.52 0.00	26.38 1.31 0.00	23.95 1.07 0.00	26.86 0.91 0.00	29.61 0.93 0.00	27.15 0.76 0.00
INDIAN POINT___2 23530	16.96 0.49 0.00	15.65 0.33 -3.54	19.71 0.02 -18.76	20.14 0.03 -18.94	19.45 0.16 -12.74	21.64 0.58 0.00	23.76 0.68 0.00	32.39 1.12 0.00	23.71 0.80 0.00	20.56 0.72 0.00	23.02 0.83 0.00	24.45 0.85 0.00	27.13 0.95 0.00	27.77 1.04 0.00	26.52 1.04 0.00	25.72 1.13 0.00	33.53 1.53 0.00	46.53 2.02 0.00	29.52 1.40 0.00	26.28 1.21 0.00	23.86 0.98 0.00	26.76 0.81 0.00	29.51 0.84 0.00	27.08 0.68 0.00
INDIAN POINT___3 23531	17.04 0.57 0.00	15.83 0.39 -3.66	20.36 0.03 -19.41	20.80 0.03 -19.59	19.92 0.19 -13.18	21.73 0.66 0.00	23.85 0.78 0.00	32.50 1.24 0.00	23.81 0.90 0.00	20.66 0.82 0.00	23.13 0.94 0.00	24.57 0.97 0.00	27.25 1.08 0.00	27.89 1.16 0.00	26.63 1.15 0.00	25.84 1.24 0.00	33.69 1.69 0.00	46.76 2.25 0.00	29.67 1.55 0.00	26.40 1.33 0.00	23.98 1.09 0.00	26.89 0.94 0.00	29.65 0.97 0.00	27.18 0.78 0.00
INGHAM_C_115KV_TB7 356103	16.78 0.31 0.00	11.98 0.20 0.00	0.93 0.01 0.00	1.19 0.01 0.00	6.62 0.07 0.00	21.24 0.18 0.00	23.45 0.38 0.00	31.63 0.36 0.00	22.83 -0.08 0.00	19.56 -0.28 0.00	21.65 -0.54 0.00	23.14 -0.46 0.00	25.82 -0.36 0.00	26.73 0.00 0.00	25.30 -0.17 0.00	24.29 -0.31 0.00	32.33 0.32 0.00	46.13 1.62 0.00	29.26 1.14 0.00	26.20 1.13 0.00	23.87 0.98 0.00	26.66 0.71 0.00	29.23 0.55 0.00	26.67 0.27 0.00
IP CORINTH___1 23988	17.49 1.02 0.00	17.11 0.72 -4.63	25.49 0.05 -24.51	25.99 0.07 -24.74	23.60 0.41 -16.64	22.43 1.36 0.00	24.78 1.70 0.00	33.72 2.45 0.00	24.49 1.57 0.00	21.10 1.25 0.00	23.29 1.10 0.00	24.75 1.15 0.00	27.52 1.35 0.00	28.17 1.43 0.00	26.74 1.27 0.00	25.98 1.39 0.00	34.23 2.23 0.00	47.70 3.20 0.00	30.36 2.24 0.00	27.09 2.02 0.00	24.78 1.90 0.00	27.89 1.94 0.00	30.70 2.02 0.00	28.17 1.77 0.00

IP___TICONDEROGA 23804	17.98 1.51 0.00	17.48 1.09 -4.62	25.50 0.09 -24.48	26.01 0.12 -24.72	23.85 0.67 -16.62	23.40 2.34 0.00	26.11 3.04 0.00	35.38 4.11 0.00	25.51 2.60 0.00	21.90 2.06 0.00	24.17 1.98 0.00	25.52 1.93 0.00	28.36 2.18 0.00	29.19 2.45 0.00	27.63 2.15 0.00	27.23 2.64 0.00	36.27 4.27 0.00	50.10 5.59 0.00	31.53 3.41 0.00	28.13 3.06 0.00	25.77 2.89 0.00	29.14 3.19 0.00	32.04 3.37 0.00	29.35 2.95 0.00
ISLIP_RES_REC 323679	17.46 1.00 0.00	16.15 0.65 -3.72	20.69 0.04 -19.72	21.14 0.06 -19.91	20.29 0.35 -13.39	22.26 1.20 0.00	24.44 1.37 0.00	33.22 1.96 0.00	24.31 1.41 0.00	21.01 1.17 0.00	23.65 1.46 0.00	25.03 1.43 0.00	27.68 1.50 0.00	28.45 1.71 0.00	27.18 1.71 0.00	26.40 1.80 0.00	34.48 2.47 0.00	47.52 3.02 0.00	30.30 2.18 0.00	26.88 1.81 0.00	24.41 1.52 0.00	27.17 1.22 0.00	30.18 1.51 0.00	27.56 1.16 0.00
JAMAICA__27_KV_LOAD 355505	17.27 0.81 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	22.01 0.95 0.00	24.11 1.03 0.00	32.87 1.61 0.00	24.13 1.21 0.00	20.98 1.13 0.00	23.57 1.39 0.00	24.93 1.33 0.00	27.71 1.53 0.00	28.37 1.64 0.00	27.09 1.62 0.00	26.35 1.76 0.00	34.29 2.29 0.00	47.57 3.06 0.00	30.20 2.08 0.00	26.89 1.82 0.00	24.41 1.52 0.00	27.34 1.39 0.00	30.11 1.43 0.00	27.56 1.16 0.00
JANIS___SOLAR 323808	32.42 0.20 -15.75	16.87 0.09 -5.00	9.99 0.01 -9.05	10.21 0.02 -9.02	16.58 0.10 -9.93	24.27 0.39 -2.82	23.70 0.62 0.00	32.09 1.06 0.23	23.48 0.58 0.00	20.07 0.23 0.00	22.36 0.18 0.00	23.90 0.30 0.00	26.55 0.37 0.00	27.18 0.45 0.00	26.19 0.71 0.00	25.23 0.64 0.00	33.01 1.00 0.00	46.51 2.08 0.08	29.56 1.45 0.00	26.46 1.40 0.00	24.09 1.20 0.00	27.09 1.14 0.00	29.86 1.18 0.00	27.31 0.91 0.00
JARVIS____ 23743	16.50 0.03 0.00	11.79 0.02 0.00	0.93 0.00 0.00	1.18 0.00 0.00	6.56 0.01 0.00	21.08 0.02 0.00	23.09 0.02 0.00	31.24 -0.03 0.00	22.91 0.00 0.00	19.84 0.00 0.00	22.17 -0.01 0.00	23.58 -0.01 0.00	26.16 -0.01 0.00	26.73 0.00 0.00	25.47 0.00 0.00	24.60 0.01 0.00	32.08 0.07 0.00	44.64 0.13 0.00	28.21 0.08 0.00	25.14 0.07 0.00	22.95 0.07 0.00	25.98 0.03 0.00	28.71 0.03 0.00	26.39 0.00 0.00
JENNISON___1 23625	20.45 0.20 -3.78	14.03 0.01 -2.25	8.66 0.02 -7.71	8.95 0.02 -7.76	12.81 0.11 -6.15	22.17 0.43 -0.67	23.66 0.59 0.00	32.19 1.12 0.20	23.60 0.69 0.00	20.32 0.48 0.00	22.73 0.54 0.00	24.24 0.65 0.00	26.69 0.51 0.00	27.44 0.70 0.00	26.34 0.87 0.00	25.37 0.78 0.00	33.48 1.48 0.00	46.74 2.31 0.07	29.44 1.32 0.00	26.28 1.22 0.00	24.06 1.17 0.00	27.10 1.15 0.00	29.94 1.26 0.00	27.26 0.87 0.00
JENNISON___2 23626	20.45 0.20 -3.78	14.03 0.01 -2.25	8.66 0.02 -7.71	8.95 0.02 -7.76	12.81 0.11 -6.15	22.17 0.43 -0.67	23.66 0.59 0.00	32.19 1.12 0.20	23.60 0.69 0.00	20.32 0.48 0.00	22.73 0.54 0.00	24.24 0.65 0.00	26.69 0.51 0.00	27.44 0.70 0.00	26.34 0.87 0.00	25.37 0.78 0.00	33.48 1.48 0.00	46.74 2.31 0.07	29.44 1.32 0.00	26.28 1.22 0.00	24.06 1.17 0.00	27.10 1.15 0.00	29.94 1.26 0.00	27.26 0.87 0.00
JERICHO_RISE_WT_PWR 323719	-23.84 -0.64 39.66	-23.51 -0.46 34.82	-4.52 -0.01 5.44	-9.06 -0.04 10.19	2.29 -0.21 4.06	20.47 -0.59 0.00	22.71 -0.36 0.00	30.74 -0.53 0.00	22.49 -0.42 0.00	19.41 -0.43 0.00	21.64 -0.55 0.00	22.72 -0.87 0.00	25.14 -1.03 0.00	25.73 -1.00 0.00	24.58 -0.90 0.00	23.79 -0.81 0.00	30.77 -1.24 0.00	43.04 -1.47 0.00	27.42 -0.70 0.00	24.41 -0.66 0.00	22.29 -0.60 0.00	25.55 -0.40 0.00	28.30 -0.38 0.00	26.09 -0.31 0.00
KATONAH___115KV_46KV_TB4 355592	17.17 0.70 0.00	16.00 0.47 -3.75	20.84 0.03 -19.89	21.29 0.04 -20.08	20.29 0.23 -13.50	21.87 0.81 0.00	24.02 0.94 0.00	32.73 1.46 0.00	23.99 1.08 0.00	20.83 0.98 0.00	23.33 1.14 0.00	24.78 1.19 0.00	27.47 1.29 0.00	28.12 1.38 0.00	26.85 1.37 0.00	26.04 1.45 0.00	33.99 1.98 0.00	47.19 2.68 0.00	29.94 1.82 0.00	26.65 1.58 0.00	24.20 1.32 0.00	27.12 1.17 0.00	29.86 1.18 0.00	27.36 0.96 0.00
KCE_NY_1 323755	17.32 0.86 0.00	16.97 0.58 -4.61	25.42 0.05 -24.45	25.92 0.06 -24.68	23.48 0.33 -16.60	22.11 1.05 0.00	24.38 1.31 0.00	33.22 1.96 0.00	24.16 1.25 0.00	20.84 1.00 0.00	23.13 0.95 0.00	24.60 1.01 0.00	27.36 1.19 0.00	28.02 1.29 0.00	26.62 1.15 0.00	25.80 1.21 0.00	33.98 1.98 0.00	47.40 2.89 0.00	30.05 1.93 0.00	26.81 1.74 0.00	24.44 1.55 0.00	27.46 1.51 0.00	30.22 1.55 0.00	27.76 1.37 0.00
KCE_NY_6_ESR 323823	9.85 -1.64 4.97	9.87 -1.24 0.66	2.85 -0.10 -2.03	3.15 -0.11 -2.09	6.12 -0.63 -0.19	18.34 -1.84 0.88	21.14 -1.93 0.00	28.02 -2.38 0.86	21.42 -1.48 0.01	18.68 -1.16 0.00	21.09 -1.10 0.00	22.77 -0.83 0.00	25.64 -0.54 0.00	26.19 -0.55 0.00	24.96 -0.51 0.00	23.69 -0.89 0.01	31.09 -0.91 0.00	42.87 -1.36 0.28	26.96 -1.16 0.00	24.14 -0.92 0.00	21.64 -1.25 0.00	24.74 -1.22 0.00	27.78 -0.90 0.00	25.74 -0.66 0.00
KEDC_PORT_JEFF_GT2 24210	17.41 0.95 0.00	16.11 0.62 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.27 0.33 -13.39	22.19 1.13 0.00	24.36 1.29 0.00	33.07 1.80 0.00	24.18 1.27 0.00	20.89 1.05 0.00	23.52 1.33 0.00	24.88 1.29 0.00	27.52 1.34 0.00	28.25 1.52 0.00	26.99 1.52 0.00	26.20 1.60 0.00	34.21 2.20 0.00	46.91 2.41 0.00	29.93 1.81 0.00	26.55 1.48 0.00	24.12 1.23 0.00	26.87 0.92 0.00	30.01 1.33 0.00	27.41 1.01 0.00
KEDC_PORT_JEFF_GT3 24211	17.41 0.95 0.00	16.11 0.62 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.27 0.33 -13.39	22.19 1.13 0.00	24.36 1.29 0.00	33.07 1.80 0.00	24.18 1.27 0.00	20.89 1.05 0.00	23.52 1.33 0.00	24.88 1.29 0.00	27.52 1.34 0.00	28.25 1.52 0.00	26.99 1.52 0.00	26.20 1.60 0.00	34.21 2.20 0.00	46.91 2.41 0.00	29.93 1.81 0.00	26.55 1.48 0.00	24.12 1.23 0.00	26.87 0.92 0.00	30.01 1.33 0.00	27.41 1.01 0.00
KEDC_GLWD_GT4 24219	17.35 0.88 0.00	16.08 0.59 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.24 0.30 -13.39	22.09 1.03 0.00	24.28 1.21 0.00	33.06 1.79 0.00	24.20 1.29 0.00	20.96 1.12 0.00	23.60 1.41 0.00	25.07 1.47 0.00	27.76 1.59 0.00	28.48 1.75 0.00	27.19 1.72 0.00	26.34 1.74 0.00	34.21 2.20 0.00	47.33 2.82 0.00	30.11 1.99 0.00	26.75 1.68 0.00	24.30 1.41 0.00	27.16 1.21 0.00	30.06 1.39 0.00	27.59 1.20 0.00
KEDC_GLWD_GT5 24220	17.35 0.88 0.00	16.08 0.59 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.24 0.30 -13.39	22.09 1.03 0.00	24.28 1.21 0.00	33.06 1.79 0.00	24.20 1.29 0.00	20.96 1.12 0.00	23.60 1.41 0.00	25.07 1.47 0.00	27.76 1.59 0.00	28.48 1.75 0.00	27.19 1.72 0.00	26.34 1.74 0.00	34.21 2.20 0.00	47.33 2.82 0.00	30.11 1.99 0.00	26.75 1.68 0.00	24.30 1.41 0.00	27.16 1.21 0.00	30.06 1.39 0.00	27.59 1.20 0.00

KENSICO____ 23655	17.13 0.66 0.00	15.94 0.45 -3.72	20.65 0.03 -19.69	21.09 0.04 -19.88	20.14 0.22 -13.37	21.82 0.76 0.00	23.95 0.88 0.00	32.63 1.36 0.00	23.93 1.02 0.00	20.77 0.93 0.00	23.27 1.08 0.00	24.73 1.13 0.00	27.41 1.24 0.00	28.06 1.33 0.00	26.78 1.30 0.00	25.98 1.39 0.00	33.89 1.89 0.00	47.04 2.53 0.00	29.84 1.72 0.00	26.55 1.48 0.00	24.12 1.24 0.00	27.03 1.08 0.00	29.79 1.12 0.00	27.30 0.91 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.00 0.54 0.00	15.68 0.36 -3.55	19.77 0.02 -18.82	20.20 0.03 -18.99	19.50 0.17 -12.77	21.69 0.63 0.00	23.86 0.79 0.00	32.54 1.27 0.00	23.82 0.91 0.00	20.69 0.85 0.00	23.07 0.89 0.00	24.44 0.84 0.00	27.09 0.91 0.00	27.75 1.01 0.00	26.62 1.15 0.00	25.86 1.26 0.00	33.64 1.63 0.00	46.63 2.12 0.00	29.71 1.59 0.00	26.49 1.42 0.00	24.07 1.19 0.00	26.97 1.02 0.00	29.72 1.04 0.00	27.23 0.83 0.00
KIAC_JFK_GT1 23816	17.18 0.71 0.00	15.98 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.17 0.23 -13.39	21.90 0.83 0.00	23.97 0.90 0.00	32.69 1.43 0.00	24.00 1.09 0.00	20.87 1.03 0.00	23.44 1.25 0.00	24.81 1.21 0.00	27.55 1.38 0.00	28.21 1.47 0.00	26.94 1.47 0.00	26.17 1.57 0.00	33.97 1.96 0.00	47.12 2.61 0.00	29.90 1.78 0.00	26.61 1.54 0.00	24.17 1.28 0.00	27.15 1.20 0.00	29.92 1.24 0.00	27.40 1.00 0.00
KIAC_JFK_GT2 23817	17.18 0.71 0.00	15.98 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.17 0.23 -13.39	21.90 0.83 0.00	23.97 0.90 0.00	32.69 1.43 0.00	24.00 1.09 0.00	20.87 1.03 0.00	23.44 1.25 0.00	24.81 1.21 0.00	27.55 1.38 0.00	28.21 1.47 0.00	26.94 1.47 0.00	26.17 1.57 0.00	33.97 1.96 0.00	47.12 2.61 0.00	29.90 1.78 0.00	26.61 1.54 0.00	24.17 1.28 0.00	27.15 1.20 0.00	29.92 1.24 0.00	27.40 1.00 0.00
KIAC_JFK____ 323774	17.18 0.71 0.00	15.98 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.17 0.23 -13.39	21.90 0.83 0.00	23.97 0.90 0.00	32.69 1.43 0.00	24.00 1.09 0.00	20.87 1.03 0.00	23.45 1.26 0.00	24.81 1.21 0.00	27.55 1.37 0.00	28.21 1.47 0.00	26.93 1.46 0.00	26.17 1.57 0.00	33.97 1.96 0.00	47.11 2.60 0.00	29.90 1.78 0.00	26.61 1.54 0.00	24.17 1.29 0.00	27.15 1.20 0.00	29.92 1.24 0.00	27.40 1.00 0.00
KINTIGH____ 23543	11.00 -1.80 3.66	10.04 -1.30 0.42	2.62 -0.10 -1.80	2.90 -0.12 -1.84	6.22 -0.67 -0.34	18.36 -2.05 0.66	20.90 -2.18 0.00	27.55 -2.73 0.98	21.06 -1.84 0.01	18.35 -1.50 0.00	20.70 -1.48 0.00	22.33 -1.27 0.00	25.04 -1.14 0.00	25.59 -1.14 0.00	24.37 -1.10 0.00	23.23 -1.35 0.02	30.44 -1.56 0.00	41.86 -2.33 0.32	26.38 -1.74 0.00	23.55 -1.52 0.00	21.20 -1.69 0.00	24.21 -1.74 0.00	27.13 -1.55 0.00	25.10 -1.30 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-21.60 -0.51 37.56	-21.56 -0.35 32.97	-4.22 0.00 5.15	-8.51 -0.03 9.65	2.54 -0.17 3.84	20.56 -0.50 0.00	22.86 -0.21 0.00	30.87 -0.40 0.00	22.53 -0.38 0.00	19.40 -0.45 0.00	21.57 -0.61 0.00	22.57 -1.03 0.00	24.96 -1.22 0.00	25.71 -1.02 0.00	24.67 -0.80 0.00	23.94 -0.66 0.00	30.92 -1.08 0.00	43.42 -1.09 0.00	27.92 -0.21 0.00	24.95 -0.12 0.00	22.70 -0.19 0.00	25.92 -0.03 0.00	28.65 -0.03 0.00	26.34 -0.06 0.00
LACHUTE__HYDRO 323717	17.98 1.51 0.00	17.48 1.09 -4.62	25.50 0.09 -24.48	26.01 0.12 -24.72	23.85 0.67 -16.62	23.40 2.34 0.00	26.11 3.04 0.00	35.38 4.11 0.00	25.51 2.60 0.00	21.90 2.06 0.00	24.17 1.99 0.00	25.53 1.93 0.00	28.36 2.18 0.00	29.19 2.45 0.00	27.63 2.16 0.00	27.23 2.64 0.00	36.27 4.27 0.00	50.10 5.59 0.00	31.53 3.41 0.00	28.13 3.06 0.00	25.77 2.89 0.00	29.14 3.19 0.00	32.04 3.36 0.00	29.35 2.95 0.00
LAWRNCALV_115KV_TB1 80681	21.95 -0.45 -5.94	16.66 -0.32 -5.21	1.72 -0.02 -0.81	2.67 -0.03 -1.53	7.00 -0.16 -0.61	20.52 -0.54 0.00	22.61 -0.47 0.00	30.51 -0.76 0.00	22.31 -0.60 0.00	19.23 -0.61 0.00	21.47 -0.72 0.00	22.78 -0.82 0.00	25.22 -0.96 0.00	25.58 -1.15 0.00	24.31 -1.16 0.00	23.54 -1.05 0.00	30.51 -1.49 0.00	42.65 -1.86 0.00	27.00 -1.12 0.00	24.07 -0.99 0.00	22.07 -0.81 0.00	25.30 -0.65 0.00	28.05 -0.63 0.00	25.90 -0.50 0.00
LEDERLE____ 23769	17.05 0.59 0.00	15.71 0.40 -3.54	19.71 0.03 -18.76	20.15 0.03 -18.94	19.48 0.20 -12.73	21.75 0.69 0.00	23.90 0.83 0.00	32.59 1.32 0.00	23.85 0.94 0.00	20.70 0.86 0.00	23.16 0.98 0.00	24.61 1.02 0.00	27.33 1.15 0.00	27.98 1.24 0.00	26.72 1.25 0.00	25.92 1.32 0.00	33.79 1.79 0.00	46.89 2.39 0.00	29.76 1.64 0.00	26.48 1.41 0.00	24.04 1.15 0.00	26.95 1.00 0.00	29.71 1.03 0.00	27.25 0.85 0.00
LIGHTRSE_115KV_TB6 355974	16.90 -0.36 -0.79	12.47 -0.25 -0.96	2.37 -0.02 -1.47	2.73 -0.02 -1.58	7.41 -0.14 -1.01	20.54 -0.53 0.00	22.49 -0.58 0.00	30.81 -0.80 -0.35	22.41 -0.50 0.00	19.46 -0.38 0.00	21.73 -0.45 0.00	23.23 -0.37 0.00	25.70 -0.48 0.00	26.15 -0.58 0.00	24.97 -0.51 0.00	24.06 -0.54 -0.01	31.71 -0.30 0.00	44.39 -0.24 -0.11	27.99 -0.13 0.00	25.01 -0.05 0.00	22.81 -0.08 0.00	25.80 -0.16 0.00	28.49 -0.18 0.00	26.22 -0.18 0.00
LINDEN COGEN____ 23786	17.10 0.63 0.00	15.92 0.43 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.15 0.21 -13.39	21.79 0.73 0.00	23.91 0.84 0.00	32.57 1.31 0.00	23.92 1.01 0.00	20.78 0.93 0.00	23.30 1.12 0.00	24.75 1.16 0.00	27.46 1.28 0.00	28.08 1.35 0.00	26.84 1.37 0.00	26.04 1.45 0.00	33.88 1.88 0.00	46.97 2.46 0.00	29.83 1.71 0.00	26.53 1.47 0.00	24.10 1.22 0.00	26.99 1.04 0.00	29.74 1.07 0.00	27.29 0.90 0.00
LINDHRST_69_KV_BK1 356055	17.48 1.01 0.00	16.17 0.67 -3.72	20.69 0.05 -19.72	21.14 0.06 -19.91	20.29 0.36 -13.39	22.25 1.19 0.00	24.47 1.40 0.00	33.29 2.02 0.00	24.34 1.43 0.00	21.04 1.19 0.00	23.67 1.49 0.00	25.12 1.52 0.00	27.82 1.64 0.00	28.54 1.81 0.00	27.27 1.79 0.00	26.43 1.83 0.00	34.50 2.50 0.00	47.69 3.18 0.00	30.39 2.27 0.00	26.99 1.92 0.00	24.52 1.64 0.00	27.38 1.43 0.00	30.33 1.65 0.00	27.72 1.33 0.00
LIPA_MISC_IPP 23656	17.29 0.82 0.00	16.02 0.53 -3.72	20.68 0.04 -19.72	21.12 0.04 -19.91	20.22 0.28 -13.39	22.07 1.01 0.00	24.18 1.11 0.00	32.73 1.46 0.00	23.95 1.04 0.00	20.67 0.83 0.00	23.23 1.04 0.00	24.58 0.98 0.00	27.14 0.96 0.00	27.88 1.15 0.00	26.65 1.17 0.00	25.89 1.29 0.00	33.80 1.80 0.00	46.63 2.13 0.00	29.74 1.62 0.00	26.44 1.37 0.00	24.02 1.14 0.00	26.74 0.79 0.00	29.71 1.02 0.00	27.15 0.75 0.00
LISF__SOLAR 323691	17.32 0.85 0.00	16.04 0.55 -3.72	20.68 0.04 -19.72	21.12 0.05 -19.91	20.23 0.29 -13.39	22.11 1.05 0.00	24.22 1.15 0.00	32.79 1.52 0.00	23.97 1.06 0.00	20.69 0.85 0.00	23.25 1.07 0.00	24.59 0.99 0.00	27.15 0.97 0.00	27.90 1.17 0.00	26.66 1.19 0.00	25.91 1.31 0.00	33.84 1.84 0.00	46.71 2.21 0.00	29.80 1.68 0.00	26.50 1.43 0.00	24.08 1.19 0.00	26.79 0.84 0.00	29.76 1.08 0.00	27.19 0.79 0.00

LITTLE FALLS___HYD 24013	16.78 0.31 0.00	11.98 0.20 0.00	0.93 0.01 0.00	1.19 0.01 0.00	6.62 0.07 0.00	21.24 0.18 0.00	23.45 0.38 0.00	31.63 0.36 0.00	22.83 -0.08 0.00	19.56 -0.28 0.00	21.65 -0.54 0.00	23.14 -0.46 0.00	25.82 -0.36 0.00	26.73 0.00 0.00	25.30 -0.17 0.00	24.29 -0.31 0.00	32.33 0.32 0.00	46.13 1.62 0.00	29.26 1.14 0.00	26.20 1.13 0.00	23.87 0.98 0.00	26.66 0.71 0.00	29.23 0.55 0.00	26.67 0.27 0.00
LITTLRIV_115KV_TB1 356100	22.96 -0.26 -6.75	17.51 -0.19 -5.93	1.84 -0.01 -0.93	2.90 -0.01 -1.74	7.16 -0.08 -0.69	20.78 -0.28 0.00	22.93 -0.14 0.00	30.93 -0.34 0.00	22.53 -0.38 0.00	19.36 -0.49 0.00	21.62 -0.57 0.00	23.02 -0.58 0.00	25.50 -0.67 0.00	25.85 -0.89 0.00	24.52 -0.95 0.00	23.77 -0.83 0.00	30.76 -1.24 0.00	43.12 -1.39 0.00	27.32 -0.81 0.00	24.38 -0.68 0.00	22.38 -0.50 0.00	25.65 -0.30 0.00	28.42 -0.25 0.00	26.23 -0.16 0.00
LI_NEWBRDGE___DRP 323616	17.24 0.77 0.00	16.00 0.51 -3.72	20.68 0.04 -19.72	21.12 0.04 -19.91	20.20 0.27 -13.39	21.94 0.88 0.00	24.11 1.04 0.00	32.81 1.54 0.00	24.01 1.10 0.00	20.78 0.94 0.00	23.38 1.20 0.00	24.81 1.22 0.00	27.49 1.32 0.00	28.18 1.44 0.00	26.89 1.42 0.00	26.06 1.47 0.00	33.97 1.97 0.00	46.99 2.48 0.00	29.90 1.78 0.00	26.57 1.50 0.00	24.15 1.26 0.00	26.99 1.04 0.00	29.88 1.20 0.00	27.35 0.96 0.00
LOCKPORT_115KV_TB60_63_64 80432	10.32 -1.97 4.18	9.77 -1.48 0.52	2.70 -0.11 -1.89	2.99 -0.13 -1.94	6.08 -0.75 -0.28	18.11 -2.21 0.74	20.76 -2.31 0.00	27.49 -2.86 0.92	21.07 -1.84 0.01	18.35 -1.49 0.00	20.74 -1.44 0.00	22.41 -1.18 0.00	25.20 -0.98 0.00	25.72 -1.01 0.00	24.51 -0.96 0.00	23.30 -1.28 0.02	30.57 -1.43 0.00	42.01 -2.20 0.30	26.42 -1.70 0.00	23.65 -1.42 0.00	21.15 -1.74 0.00	24.14 -1.81 0.00	27.20 -1.49 0.00	25.18 -1.21 0.00
LOCKPORT___CC1 323769	10.23 -1.99 4.25	9.75 -1.49 0.53	2.71 -0.11 -1.90	2.99 -0.13 -1.95	6.06 -0.76 -0.27	18.07 -2.24 0.75	20.73 -2.35 0.00	27.44 -2.91 0.91	21.03 -1.87 0.01	18.30 -1.54 0.00	20.66 -1.52 0.00	22.36 -1.23 0.00	25.17 -1.01 0.00	25.69 -1.04 0.00	24.47 -1.00 0.00	23.26 -1.32 0.02	30.51 -1.49 0.00	41.94 -2.26 0.30	26.38 -1.75 0.00	23.60 -1.47 0.00	21.12 -1.77 0.00	24.12 -1.83 0.00	27.17 -1.51 0.00	25.18 -1.22 0.00
LOCKPORT___CC2 323770	10.23 -1.99 4.25	9.75 -1.49 0.53	2.71 -0.11 -1.90	2.99 -0.13 -1.95	6.06 -0.76 -0.27	18.07 -2.24 0.75	20.73 -2.35 0.00	27.44 -2.91 0.91	21.03 -1.87 0.01	18.30 -1.54 0.00	20.66 -1.52 0.00	22.36 -1.23 0.00	25.17 -1.01 0.00	25.69 -1.04 0.00	24.47 -1.00 0.00	23.26 -1.32 0.02	30.51 -1.49 0.00	41.94 -2.26 0.30	26.38 -1.75 0.00	23.60 -1.47 0.00	21.12 -1.77 0.00	24.12 -1.83 0.00	27.17 -1.51 0.00	25.18 -1.22 0.00
LOCKPORT___CC3 323771	10.23 -1.99 4.25	9.75 -1.49 0.53	2.71 -0.11 -1.90	2.99 -0.13 -1.95	6.06 -0.76 -0.27	18.07 -2.24 0.75	20.73 -2.35 0.00	27.44 -2.91 0.91	21.03 -1.87 0.01	18.30 -1.54 0.00	20.66 -1.52 0.00	22.36 -1.23 0.00	25.17 -1.01 0.00	25.69 -1.04 0.00	24.47 -1.00 0.00	23.26 -1.32 0.02	30.51 -1.49 0.00	41.94 -2.26 0.30	26.38 -1.75 0.00	23.60 -1.47 0.00	21.12 -1.77 0.00	24.12 -1.83 0.00	27.17 -1.51 0.00	25.18 -1.22 0.00
LONG_LAKE_PHOENIX 24014	16.08 -0.39 0.00	11.79 -0.27 -0.29	2.42 -0.02 -1.52	2.69 -0.03 -1.53	7.44 -0.15 -1.03	20.59 -0.47 0.00	22.52 -0.55 0.00	31.20 -0.78 -0.70	22.38 -0.54 -0.01	19.46 -0.38 0.00	21.77 -0.42 0.00	23.18 -0.42 0.00	25.73 -0.45 0.00	26.31 -0.42 0.00	25.10 -0.37 0.00	24.18 -0.44 -0.01	31.62 -0.39 0.00	44.29 -0.45 -0.23	27.81 -0.31 0.00	24.82 -0.25 0.00	22.61 -0.28 0.00	25.52 -0.43 0.00	28.17 -0.50 0.00	25.94 -0.46 0.00
LOVETT___3 23632	16.99 0.52 0.00	15.69 0.36 -3.56	19.79 0.02 -18.84	20.22 0.03 -19.01	19.51 0.17 -12.79	21.67 0.61 0.00	23.79 0.72 0.00	32.43 1.16 0.00	23.74 0.82 0.00	20.59 0.75 0.00	23.04 0.86 0.00	24.49 0.89 0.00	27.18 1.00 0.00	27.81 1.08 0.00	26.56 1.09 0.00	25.77 1.17 0.00	33.59 1.59 0.00	46.61 2.10 0.00	29.57 1.45 0.00	26.32 1.25 0.00	23.90 1.01 0.00	26.80 0.85 0.00	29.56 0.88 0.00	27.12 0.72 0.00
LOVETT___4 23642	16.99 0.52 0.00	15.69 0.36 -3.56	19.79 0.02 -18.84	20.22 0.03 -19.01	19.51 0.17 -12.79	21.67 0.61 0.00	23.79 0.72 0.00	32.43 1.16 0.00	23.74 0.82 0.00	20.59 0.75 0.00	23.04 0.86 0.00	24.49 0.89 0.00	27.18 1.00 0.00	27.81 1.08 0.00	26.56 1.09 0.00	25.77 1.17 0.00	33.59 1.59 0.00	46.61 2.10 0.00	29.57 1.45 0.00	26.32 1.25 0.00	23.90 1.01 0.00	26.80 0.85 0.00	29.56 0.88 0.00	27.12 0.72 0.00
LOVETT___5 23593	16.99 0.52 0.00	15.69 0.36 -3.56	19.79 0.02 -18.84	20.22 0.03 -19.01	19.51 0.17 -12.79	21.67 0.61 0.00	23.79 0.72 0.00	32.43 1.16 0.00	23.74 0.82 0.00	20.59 0.75 0.00	23.04 0.86 0.00	24.49 0.89 0.00	27.18 1.00 0.00	27.81 1.08 0.00	26.56 1.09 0.00	25.77 1.17 0.00	33.59 1.59 0.00	46.61 2.10 0.00	29.57 1.45 0.00	26.32 1.25 0.00	23.90 1.01 0.00	26.80 0.85 0.00	29.56 0.88 0.00	27.12 0.72 0.00
LOWER RAQUET___HYD 24057	23.30 -0.60 -7.43	17.87 -0.43 -6.53	1.92 -0.03 -1.02	3.05 -0.04 -1.91	7.09 -0.22 -0.76	20.33 -0.73 0.00	22.41 -0.66 0.00	30.25 -1.02 0.00	22.12 -0.79 0.00	19.06 -0.79 0.00	21.27 -0.92 0.00	22.57 -1.03 0.00	24.98 -1.19 0.00	25.33 -1.40 0.00	24.07 -1.41 0.00	23.34 -1.26 0.00	30.26 -1.74 0.00	42.34 -2.17 0.00	26.83 -1.29 0.00	23.93 -1.14 0.00	21.95 -0.94 0.00	25.14 -0.81 0.00	27.87 -0.81 0.00	25.74 -0.66 0.00
LOWER___HUDSON 24059	17.16 0.69 0.00	16.79 0.48 -4.54	25.03 -0.03 -24.07	25.52 0.05 -24.30	23.14 0.25 -16.34	21.83 0.77 0.00	23.96 0.89 0.00	32.58 1.31 0.00	23.86 0.94 0.00	20.67 0.83 0.00	22.97 0.78 0.00	24.39 0.79 0.00	27.03 0.85 0.00	27.68 0.94 0.00	26.24 0.77 0.00	25.45 0.85 0.00	33.53 1.53 0.00	46.79 2.28 0.00	29.59 1.47 0.00	26.42 1.35 0.00	24.04 1.15 0.00	26.96 1.02 0.00	29.72 1.04 0.00	27.31 0.92 0.00
LOWVILLE_115KV_TB2 356335	18.30 -0.29 -2.12	13.56 -0.20 -1.99	1.88 -0.02 -0.98	2.39 -0.02 -1.24	7.10 -0.14 -0.68	20.53 -0.54 0.00	22.48 -0.59 0.00	30.51 -0.76 0.00	22.61 -0.30 0.00	19.60 -0.24 0.00	21.82 -0.36 0.00	23.32 -0.27 0.00	25.74 -0.43 0.00	25.98 -0.75 0.00	24.78 -0.69 0.00	24.31 -0.29 0.00	32.14 0.14 0.00	45.19 0.68 0.00	28.57 0.45 0.00	25.63 0.56 0.00	23.38 0.49 0.00	26.44 0.49 0.00	29.17 0.49 0.00	26.81 0.41 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	17.33 0.86 0.00	16.98 0.60 -4.61	25.42 0.05 -24.45	25.92 0.06 -24.68	23.48 0.33 -16.60	22.12 1.06 0.00	24.36 1.29 0.00	33.16 1.90 0.00	24.14 1.23 0.00	20.84 1.00 0.00	23.13 0.95 0.00	24.60 1.00 0.00	27.35 1.18 0.00	28.02 1.29 0.00	26.61 1.14 0.00	25.79 1.19 0.00	33.95 1.94 0.00	47.36 2.85 0.00	30.03 1.91 0.00	26.79 1.73 0.00	24.42 1.54 0.00	27.46 1.51 0.00	30.24 1.56 0.00	27.77 1.37 0.00

LUTHERNY_35_KV_BK2 355980	17.32 0.86 0.00	16.97 0.58 -4.61	25.42 0.05 -24.45	25.92 0.06 -24.68	23.48 0.33 -16.60	22.11 1.05 0.00	24.38 1.31 0.00	33.22 1.96 0.00	24.16 1.25 0.00	20.84 1.00 0.00	23.13 0.94 0.00	24.60 1.00 0.00	27.37 1.19 0.00	28.02 1.29 0.00	26.62 1.15 0.00	25.80 1.21 0.00	33.98 1.98 0.00	47.40 2.89 0.00	30.06 1.94 0.00	26.81 1.74 0.00	24.44 1.55 0.00	27.46 1.51 0.00	30.22 1.55 0.00	27.76 1.37 0.00
LWR___OSWEGATCHIE_HYD 23850	21.01 -0.51 -5.05	15.94 -0.36 -4.53	2.12 -0.03 -1.22	2.97 -0.03 -1.83	7.22 -0.20 -0.87	20.36 -0.71 0.00	22.38 -0.70 0.00	30.31 -0.96 0.00	22.28 -0.63 0.00	19.26 -0.58 0.00	21.46 -0.72 0.00	22.86 -0.73 0.00	25.26 -0.92 0.00	25.56 -1.18 0.00	24.33 -1.14 0.00	23.71 -0.89 0.00	31.13 -0.88 0.00	43.69 -0.82 0.00	27.65 -0.47 0.00	24.73 -0.34 0.00	22.60 -0.28 0.00	25.72 -0.23 0.00	28.44 -0.24 0.00	26.19 -0.21 0.00
LYONS_FALL_HYD 23570	17.79 -0.08 -1.41	13.07 -0.06 -1.36	1.76 -0.01 -0.84	2.18 0.00 -1.01	7.09 -0.05 -0.58	20.86 -0.20 0.00	22.87 -0.20 0.00	31.03 -0.24 0.00	22.90 -0.01 0.00	19.83 -0.02 0.00	22.12 -0.06 0.00	23.59 -0.01 0.00	26.07 -0.11 0.00	26.43 -0.31 0.00	25.23 -0.24 0.00	24.64 0.05 0.00	32.41 0.41 0.00	45.45 0.94 0.00	28.72 0.60 0.00	25.71 0.65 0.00	23.44 0.55 0.00	26.50 0.55 0.00	29.23 0.55 0.00	26.86 0.46 0.00
MADISON___COUNTY_LFGE 323628	16.64 0.17 0.00	12.10 0.12 -0.21	2.06 0.01 -1.13	2.32 0.01 -1.14	7.38 0.06 -0.77	21.28 0.22 0.00	23.39 0.31 0.00	31.53 0.46 0.20	23.28 0.37 0.00	20.12 0.28 0.00	22.49 0.31 0.00	23.94 0.34 0.00	26.60 0.43 0.00	27.23 0.50 0.00	26.05 0.58 0.00	25.16 0.57 0.00	32.73 0.73 0.00	45.81 1.37 0.06	29.00 0.87 0.00	25.91 0.84 0.00	23.57 0.68 0.00	26.61 0.66 0.00	29.34 0.66 0.00	26.96 0.57 0.00
MALONE___115KV_TB1 356076	43.15 -0.51 -27.19	35.28 -0.37 -23.87	4.65 -0.01 -3.73	8.13 -0.03 -6.99	9.17 -0.17 -2.78	20.60 -0.47 0.00	22.84 -0.23 0.00	30.94 -0.33 0.00	22.62 -0.29 0.00	19.50 -0.34 0.00	21.73 -0.45 0.00	22.87 -0.73 0.00	25.32 -0.86 0.00	25.88 -0.85 0.00	24.70 -0.77 0.00	23.91 -0.69 0.00	30.96 -1.05 0.00	43.32 -1.19 0.00	27.58 -0.54 0.00	24.57 -0.50 0.00	22.45 -0.44 0.00	25.72 -0.23 0.00	28.47 -0.21 0.00	26.24 -0.15 0.00
MAPLEWOD_115KV_TB3 80458	17.08 0.61 0.00	16.72 0.42 -4.52	24.92 0.03 -23.97	25.41 0.04 -24.20	23.03 0.21 -16.27	21.71 0.65 0.00	23.73 0.66 0.00	32.26 0.99 0.00	23.61 0.70 0.00	20.43 0.59 0.00	22.76 0.57 0.00	24.21 0.61 0.00	26.80 0.62 0.00	27.44 0.71 0.00	26.09 0.62 0.00	25.22 0.63 0.00	33.13 1.13 0.00	46.34 1.83 0.00	29.26 1.14 0.00	26.09 1.02 0.00	23.77 0.88 0.00	26.74 0.78 0.00	29.44 0.76 0.00	27.07 0.67 0.00
MAPLE_RIDGE_WT_1 323574	16.24 -0.22 0.00	11.58 -0.19 0.00	0.92 -0.01 0.00	1.16 -0.02 0.00	6.44 -0.11 0.00	20.68 -0.38 0.00	22.67 -0.40 0.00	30.68 -0.59 0.00	22.58 -0.33 0.00	19.52 -0.33 0.00	21.79 -0.40 0.00	23.12 -0.48 0.00	25.54 -0.64 0.00	25.94 -0.79 0.00	24.69 -0.79 0.00	24.05 -0.54 0.00	31.34 -0.66 0.00	43.74 -0.77 0.00	27.52 -0.60 0.00	24.52 -0.55 0.00	22.51 -0.37 0.00	25.69 -0.26 0.00	28.48 -0.20 0.00	26.28 -0.12 0.00
MAPLE_RIDGE_WT_2 323611	16.24 -0.22 0.00	11.58 -0.19 0.00	0.92 -0.01 0.00	1.16 -0.02 0.00	6.44 -0.11 0.00	20.68 -0.38 0.00	22.67 -0.40 0.00	30.68 -0.59 0.00	22.58 -0.33 0.00	19.52 -0.33 0.00	21.79 -0.40 0.00	23.12 -0.48 0.00	25.54 -0.64 0.00	25.94 -0.79 0.00	24.69 -0.79 0.00	24.05 -0.54 0.00	31.34 -0.66 0.00	43.74 -0.77 0.00	27.52 -0.60 0.00	24.52 -0.55 0.00	22.51 -0.37 0.00	25.69 -0.26 0.00	28.48 -0.20 0.00	26.28 -0.12 0.00
MARBLE_RIVER_WT_PWR 323696	-21.00 -0.64 36.82	-21.00 -0.44 32.33	-4.13 -0.01 5.05	-8.33 -0.04 9.46	2.57 -0.21 3.77	20.45 -0.61 0.00	22.68 -0.40 0.00	30.69 -0.58 0.00	22.45 -0.46 0.00	19.38 -0.46 0.00	21.58 -0.61 0.00	22.65 -0.95 0.00	25.06 -1.11 0.00	25.68 -1.05 0.00	24.57 -0.91 0.00	23.78 -0.81 0.00	30.78 -1.23 0.00	43.12 -1.39 0.00	27.52 -0.60 0.00	24.51 -0.56 0.00	22.35 -0.54 0.00	25.58 -0.37 0.00	28.31 -0.37 0.00	26.08 -0.31 0.00
MARSHVLE_115KV_TB1 80742	17.09 0.63 0.00	17.46 0.45 -5.24	28.71 0.04 -27.75	29.24 0.05 -28.01	25.66 0.27 -18.84	22.03 0.96 0.00	24.25 1.18 0.00	32.91 1.64 0.00	23.51 0.60 0.00	20.17 0.33 0.00	22.56 0.37 0.00	24.21 0.61 0.00	27.20 1.02 0.00	27.77 1.04 0.00	26.45 0.98 0.00	25.48 0.88 0.00	33.26 1.25 0.00	46.76 2.25 0.00	29.75 1.63 0.00	26.50 1.43 0.00	24.19 1.30 0.00	27.41 1.46 0.00	30.24 1.56 0.00	27.78 1.39 0.00
MARSH_HILL_WT_PWR 323713	-1.01 -2.07 15.41	7.24 -1.48 3.06	1.68 -0.12 -0.87	2.01 -0.16 -1.00	2.65 -0.80 3.11	16.07 -2.24 2.75	21.03 -2.04 0.00	28.41 -2.29 0.57	21.60 -1.31 0.01	18.62 -1.22 0.00	20.92 -1.26 0.00	22.26 -1.35 0.00	25.30 -0.88 0.00	26.42 -0.31 0.00	24.62 -0.85 0.00	22.98 -1.61 0.01	30.19 -1.80 0.00	42.74 -1.58 0.19	27.73 -0.39 0.00	25.16 0.09 0.00	22.41 -0.48 0.00	24.78 -1.17 0.00	27.61 -1.07 0.00	25.20 -1.19 0.00
MCINTYRE_115KV_TB2 80467	22.15 0.03 -5.66	16.76 0.02 -4.97	1.71 0.01 -0.78	2.64 0.01 -1.46	7.17 0.04 -0.58	21.18 0.11 0.00	23.38 0.31 0.00	31.48 0.21 0.00	22.85 -0.07 0.00	19.61 -0.24 0.00	21.91 -0.27 0.00	23.37 -0.23 0.00	25.91 -0.27 0.00	26.28 -0.46 0.00	24.90 -0.57 0.00	24.12 -0.48 0.00	31.14 -0.86 0.00	43.63 -0.88 0.00	27.63 -0.49 0.00	24.68 -0.40 0.00	22.68 -0.21 0.00	26.02 0.08 0.00	28.83 0.15 0.00	26.61 0.21 0.00
MECO_____69_KV_BK1 80468	17.32 0.86 0.00	17.39 0.61 -5.02	27.56 0.05 -26.58	28.07 0.06 -26.84	24.95 0.35 -18.05	22.24 1.18 0.00	24.53 1.45 0.00	33.28 2.01 0.00	23.69 0.77 0.00	20.14 0.30 0.00	22.49 0.30 0.00	24.27 0.67 0.00	27.20 1.02 0.00	27.77 1.03 0.00	26.56 1.08 0.00	25.41 0.81 0.00	33.27 1.27 0.00	47.32 2.81 0.00	30.24 2.12 0.00	26.95 1.89 0.00	24.58 1.70 0.00	27.76 1.81 0.00	30.55 1.87 0.00	28.02 1.62 0.00
MENANDS___115KV_TB5 355628	17.01 0.55 0.00	16.67 0.38 -4.52	24.88 0.02 -23.93	25.36 0.03 -24.16	22.98 0.18 -16.24	21.62 0.55 0.00	23.60 0.53 0.00	32.04 0.78 0.00	23.48 0.57 0.00	20.34 0.50 0.00	22.67 0.48 0.00	24.10 0.50 0.00	26.65 0.47 0.00	27.28 0.55 0.00	25.92 0.45 0.00	25.07 0.47 0.00	32.96 0.95 0.00	46.09 1.58 0.00	29.06 0.94 0.00	25.89 0.83 0.00	23.59 0.70 0.00	26.53 0.58 0.00	29.22 0.54 0.00	26.87 0.47 0.00
MG INDUSTRY___DRP 24185	16.99 0.53 0.00	16.58 0.38 -4.43	24.43 0.02 -23.48	24.91 0.03 -23.70	22.68 0.19 -15.94	21.65 0.59 0.00	23.65 0.57 0.00	32.08 0.81 0.00	23.40 0.49 0.00	20.21 0.37 0.00	22.52 0.33 0.00	23.97 0.38 0.00	26.55 0.37 0.00	27.22 0.48 0.00	25.88 0.41 0.00	24.98 0.38 0.00	32.89 0.88 0.00	46.03 1.52 0.00	29.06 0.94 0.00	25.89 0.82 0.00	23.60 0.71 0.00	26.59 0.64 0.00	29.31 0.63 0.00	26.95 0.55 0.00

MID___OSWEGATCHIE_HYD 23849	21.01 -0.51 -5.05	15.94 -0.36 -4.53	2.12 -0.03 -1.22	2.97 -0.03 -1.83	7.22 -0.20 -0.87	20.36 -0.71 0.00	22.38 -0.70 0.00	30.31 -0.96 0.00	22.28 -0.63 0.00	19.26 -0.58 0.00	21.46 -0.72 0.00	22.86 -0.73 0.00	25.26 -0.92 0.00	25.56 -1.18 0.00	24.33 -1.14 0.00	23.71 -0.89 0.00	31.13 -0.88 0.00	43.69 -0.82 0.00	27.65 -0.47 0.00	24.73 -0.34 0.00	22.60 -0.28 0.00	25.72 -0.23 0.00	28.44 -0.24 0.00	26.19 -0.21 0.00
MID___RAQUETTE_HYD 23851	23.30 -0.60 -7.43	17.87 -0.43 -6.53	1.92 -0.03 -1.02	3.05 -0.04 -1.91	7.09 -0.22 -0.76	20.33 -0.73 0.00	22.41 -0.66 0.00	30.25 -1.02 0.00	22.12 -0.79 0.00	19.06 -0.79 0.00	21.26 -0.92 0.00	22.57 -1.03 0.00	24.98 -1.19 0.00	25.33 -1.40 0.00	24.07 -1.41 0.00	23.33 -1.26 0.00	30.26 -1.74 0.00	42.34 -2.17 0.00	26.83 -1.30 0.00	23.93 -1.14 0.00	21.95 -0.94 0.00	25.14 -0.81 0.00	27.87 -0.81 0.00	25.74 -0.66 0.00
MILLIKEN___1 23584	39.57 0.01 -23.09	18.45 -0.01 -6.69	10.79 0.00 -9.87	10.96 0.00 -9.79	18.81 0.01 -12.25	25.26 0.07 -4.13	23.25 0.17 -0.01	31.40 0.38 0.25	23.12 0.21 0.00	19.97 0.13 0.00	22.28 0.10 0.00	23.79 0.20 0.00	26.45 0.28 0.00	27.07 0.34 0.00	25.95 0.47 0.00	24.93 0.33 0.00	32.59 0.59 0.00	45.72 1.30 0.08	29.01 0.89 0.00	25.91 0.84 0.00	23.53 0.65 0.00	26.51 0.56 0.00	29.24 0.56 0.00	26.84 0.44 0.00
MILLIKEN___2 23585	39.57 0.01 -23.09	18.45 -0.01 -6.69	10.79 0.00 -9.87	10.96 0.00 -9.79	18.81 0.01 -12.25	25.26 0.07 -4.13	23.25 0.17 -0.01	31.40 0.38 0.25	23.12 0.21 0.00	19.97 0.13 0.00	22.28 0.10 0.00	23.79 0.20 0.00	26.45 0.28 0.00	27.07 0.34 0.00	25.95 0.47 0.00	24.93 0.33 0.00	32.59 0.59 0.00	45.72 1.30 0.08	29.01 0.89 0.00	25.91 0.84 0.00	23.53 0.65 0.00	26.51 0.56 0.00	29.24 0.56 0.00	26.84 0.44 0.00
MILLIKEN___DIESEL 23629	39.57 0.01 -23.09	18.45 -0.01 -6.69	10.79 0.00 -9.87	10.96 0.00 -9.79	18.81 0.01 -12.25	25.26 0.07 -4.13	23.25 0.17 -0.01	31.40 0.38 0.25	23.12 0.21 0.00	19.97 0.13 0.00	22.28 0.10 0.00	23.79 0.20 0.00	26.45 0.28 0.00	27.07 0.34 0.00	25.95 0.47 0.00	24.93 0.33 0.00	32.59 0.59 0.00	45.72 1.30 0.08	29.01 0.89 0.00	25.91 0.84 0.00	23.53 0.65 0.00	26.51 0.56 0.00	29.24 0.56 0.00	26.84 0.44 0.00
MILLSEAT___LFGE 323607	10.91 -1.60 3.96	10.08 -1.21 0.48	2.68 -0.09 -1.85	2.96 -0.11 -1.89	6.25 -0.61 -0.30	18.63 -1.73 0.70	21.33 -1.74 0.00	28.26 -2.08 0.93	21.62 -1.28 0.01	18.74 -1.10 0.00	21.12 -1.07 0.00	22.89 -0.70 0.00	25.76 -0.41 0.00	26.16 -0.57 0.00	24.97 -0.50 0.00	23.84 -0.74 0.02	31.33 -0.67 0.00	43.10 -1.10 0.30	27.08 -1.04 0.00	24.28 -0.79 0.00	21.76 -1.13 0.00	24.78 -1.17 0.00	27.80 -0.88 0.00	25.70 -0.70 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.07 0.60 0.00	15.84 0.41 -3.67	20.38 0.03 -19.43	20.82 0.03 -19.61	19.94 0.20 -13.19	21.75 0.69 0.00	23.88 0.81 0.00	32.54 1.28 0.00	23.85 0.93 0.00	20.69 0.85 0.00	23.17 0.99 0.00	24.61 1.02 0.00	27.31 1.13 0.00	27.94 1.21 0.00	26.67 1.20 0.00	25.88 1.29 0.00	33.76 1.76 0.00	46.84 2.33 0.00	29.72 1.60 0.00	26.45 1.38 0.00	24.03 1.14 0.00	26.93 0.98 0.00	29.69 1.01 0.00	27.22 0.83 0.00
MILLWOOD_13_KV_LOAD 356217	17.10 0.63 0.00	15.87 0.43 -3.67	20.38 0.03 -19.43	20.82 0.04 -19.61	19.95 0.21 -13.19	21.80 0.74 0.00	23.93 0.86 0.00	32.62 1.35 0.00	23.90 0.99 0.00	20.75 0.90 0.00	23.22 1.03 0.00	24.67 1.08 0.00	27.37 1.19 0.00	28.01 1.28 0.00	26.73 1.26 0.00	25.95 1.35 0.00	33.85 1.84 0.00	46.97 2.46 0.00	29.80 1.68 0.00	26.53 1.46 0.00	24.09 1.20 0.00	27.00 1.05 0.00	29.76 1.08 0.00	27.27 0.88 0.00
MODEL_CITY_ENERGY 24167	10.08 -2.11 4.27	9.64 -1.60 0.54	2.72 -0.12 -1.92	3.00 -0.14 -1.97	6.00 -0.83 -0.27	17.77 -2.53 0.77	20.38 -2.69 0.00	26.95 -3.41 0.91	20.68 -2.23 0.01	18.02 -1.82 0.00	20.34 -1.84 0.00	22.01 -1.59 0.00	24.77 -1.40 0.00	25.29 -1.44 0.00	24.07 -1.40 0.00	22.87 -1.71 0.02	29.98 -2.02 0.00	41.20 -3.01 0.30	25.92 -2.20 0.00	23.18 -1.89 0.00	20.77 -2.11 0.00	23.82 -2.13 0.00	26.86 -1.82 0.00	24.89 -1.50 0.00
MODERN_LFGE___ 323580	10.08 -2.11 4.27	9.64 -1.60 0.54	2.72 -0.12 -1.92	3.00 -0.14 -1.97	6.00 -0.83 -0.27	17.77 -2.53 0.77	20.38 -2.69 0.00	26.95 -3.41 0.91	20.68 -2.23 0.01	18.02 -1.82 0.00	20.34 -1.84 0.00	22.01 -1.59 0.00	24.77 -1.40 0.00	25.29 -1.44 0.00	24.07 -1.40 0.00	22.87 -1.71 0.02	29.98 -2.02 0.00	41.20 -3.01 0.30	25.92 -2.20 0.00	23.18 -1.89 0.00	20.77 -2.11 0.00	23.82 -2.13 0.00	26.86 -1.82 0.00	24.89 -1.50 0.00
MOHAWK_PAPER___DRP 24187	17.08 0.61 0.00	16.72 0.42 -4.52	24.92 0.03 -23.97	25.41 0.04 -24.20	23.03 0.21 -16.27	21.71 0.65 0.00	23.73 0.66 0.00	32.26 0.99 0.00	23.61 0.70 0.00	20.43 0.59 0.00	22.76 0.57 0.00	24.21 0.61 0.00	26.80 0.62 0.00	27.44 0.71 0.00	26.09 0.62 0.00	25.22 0.63 0.00	33.13 1.13 0.00	46.34 1.83 0.00	29.26 1.14 0.00	26.09 1.02 0.00	23.77 0.88 0.00	26.74 0.78 0.00	29.44 0.76 0.00	27.07 0.67 0.00
MOHICAN___35_KV_115KV_LD 80490	17.54 1.08 0.00	17.15 0.76 -4.62	25.45 0.06 -24.47	25.95 0.08 -24.70	23.60 0.44 -16.61	22.51 1.45 0.00	24.88 1.81 0.00	33.85 2.58 0.00	24.57 1.66 0.00	21.17 1.33 0.00	23.38 1.20 0.00	24.84 1.24 0.00	27.62 1.45 0.00	28.31 1.58 0.00	26.85 1.38 0.00	26.13 1.54 0.00	34.46 2.46 0.00	48.01 3.50 0.00	30.49 2.37 0.00	27.21 2.14 0.00	24.87 1.98 0.00	27.97 2.02 0.00	30.79 2.11 0.00	28.26 1.86 0.00
MONGAUP___HYD 23641	17.07 0.60 0.00	15.54 0.41 -3.37	18.78 0.03 -17.82	19.20 0.03 -17.99	18.85 0.20 -12.10	21.78 0.72 0.00	23.94 0.86 0.00	32.58 1.31 0.00	23.78 0.86 0.00	20.51 0.67 0.00	22.80 0.62 0.00	24.21 0.61 0.00	26.87 0.69 0.00	27.51 0.77 0.00	26.39 0.92 0.00	25.51 0.91 0.00	33.28 1.27 0.00	46.39 1.88 0.00	29.66 1.54 0.00	26.53 1.46 0.00	24.10 1.21 0.00	27.03 1.08 0.00	29.81 1.13 0.00	27.32 0.92 0.00
MONTAUK___DIESEL 23721	17.42 0.95 0.00	16.12 0.63 -3.72	20.67 0.03 -19.72	21.12 0.04 -19.91	20.27 0.33 -13.39	22.70 1.64 0.00	24.88 1.81 0.00	33.62 2.36 0.00	24.61 1.69 0.00	21.25 1.41 0.00	23.89 1.71 0.00	25.28 1.68 0.00	27.90 1.72 0.00	28.75 2.02 0.00	27.41 1.94 0.00	26.67 2.07 0.00	34.88 2.88 0.00	48.19 3.68 0.00	29.71 1.59 0.00	26.35 1.28 0.00	23.99 1.10 0.00	26.53 0.58 0.00	29.49 0.81 0.00	26.95 0.56 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	9.06 -1.75 5.66	9.69 -1.28 0.80	2.89 -0.10 -2.06	3.20 -0.10 -2.12	6.05 -0.55 -0.05	18.46 -1.60 1.01	21.35 -1.73 0.00	28.31 -2.13 0.83	21.47 -1.43 0.01	18.75 -1.09 0.00	21.32 -0.87 0.00	23.15 -0.45 0.00	25.99 -0.18 0.00	26.67 -0.07 0.00	25.29 -0.18 0.00	23.62 -0.97 0.01	31.11 -0.89 0.00	43.14 -1.10 0.27	27.21 -0.91 0.00	24.57 -0.50 0.00	21.86 -1.03 0.00	24.86 -1.09 0.00	28.19 -0.49 0.00	26.30 -0.10 0.00

MORRIS_RIDGE___SOLAR 323848	7.70 -1.48 7.29	9.57 -1.10 1.10	3.10 -0.09 -2.27	3.42 -0.10 -2.34	5.78 -0.57 0.21	18.14 -1.63 1.30	21.35 -1.73 0.00	28.44 -2.14 0.68	21.51 -1.39 0.01	18.71 -1.13 0.00	21.10 -1.08 0.00	22.66 -0.94 0.00	25.48 -0.70 0.00	26.06 -0.67 0.00	24.82 -0.65 0.00	23.48 -1.11 0.01	30.87 -1.13 0.00	42.88 -1.40 0.23	27.07 -1.05 0.00	24.31 -0.76 0.00	21.73 -1.16 0.00	24.72 -1.23 0.00	27.83 -0.85 0.00	25.82 -0.58 0.00
MORTIMER_115KV_TB3 55949	12.24 -1.17 3.05	10.59 -0.85 0.33	2.52 -0.07 -1.66	2.80 -0.08 -1.70	6.51 -0.44 -0.39	19.21 -1.30 0.55	21.71 -1.36 0.00	28.60 -1.68 0.98	21.82 -1.09 0.01	18.94 -0.90 0.00	21.33 -0.85 0.00	22.97 -0.63 0.00	25.69 -0.49 0.00	26.21 -0.53 0.00	25.01 -0.46 0.00	23.96 -0.62 0.02	31.37 -0.63 0.00	43.19 -1.00 0.32	27.27 -0.85 0.00	24.36 -0.71 0.00	22.00 -0.89 0.00	25.01 -0.95 0.00	27.83 -0.85 0.00	25.68 -0.72 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.17 0.70 0.00	15.98 0.48 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.23 -13.39	21.87 0.81 0.00	24.00 0.93 0.00	32.71 1.45 0.00	24.01 1.10 0.00	20.87 1.02 0.00	23.38 1.20 0.00	24.84 1.24 0.00	27.55 1.37 0.00	28.20 1.47 0.00	26.93 1.46 0.00	26.13 1.53 0.00	34.05 2.05 0.00	47.23 2.72 0.00	29.98 1.86 0.00	26.67 1.60 0.00	24.22 1.33 0.00	27.13 1.18 0.00	29.88 1.20 0.00	27.38 0.99 0.00
MUNSVILLE_WIND_PWR 323609	26.74 0.53 -9.74	15.68 0.29 -3.62	9.34 0.04 -8.38	9.61 0.04 -8.39	14.84 0.26 -8.03	23.69 0.88 -1.74	24.36 1.28 0.00	33.10 2.05 0.22	24.26 1.35 0.00	20.71 0.87 0.00	23.04 0.86 0.00	24.67 1.07 0.00	27.38 1.21 0.00	28.03 1.30 0.00	26.93 1.46 0.00	25.99 1.40 0.00	34.27 2.27 0.00	48.06 3.62 0.07	30.40 2.28 0.00	27.27 2.20 0.00	24.90 2.01 0.00	27.97 2.02 0.00	30.78 2.10 0.00	28.00 1.60 0.00
N SALMON___HYD 24042	43.15 -0.51 -27.19	35.28 -0.37 -23.87	4.65 -0.01 -3.73	8.13 -0.03 -6.99	9.17 -0.16 -2.78	20.59 -0.47 0.00	22.84 -0.23 0.00	30.94 -0.33 0.00	22.62 -0.29 0.00	19.50 -0.34 0.00	21.73 -0.45 0.00	22.88 -0.72 0.00	25.32 -0.86 0.00	25.88 -0.85 0.00	24.70 -0.77 0.00	23.91 -0.69 0.00	30.96 -1.05 0.00	43.31 -1.19 0.00	27.58 -0.54 0.00	24.57 -0.50 0.00	22.45 -0.44 0.00	25.72 -0.23 0.00	28.47 -0.21 0.00	26.24 -0.16 0.00
N.AKRON__115KV_KNAPP 355671	10.73 -1.69 4.05	9.99 -1.28 0.50	2.69 -0.10 -1.87	2.98 -0.11 -1.91	6.21 -0.64 -0.29	18.49 -1.85 0.72	21.18 -1.89 0.00	28.08 -2.26 0.93	21.49 -1.41 0.01	18.67 -1.17 0.00	21.08 -1.10 0.00	22.81 -0.79 0.00	25.64 -0.54 0.00	26.08 -0.65 0.00	24.89 -0.58 0.00	23.73 -0.85 0.02	31.15 -0.85 0.00	42.84 -1.37 0.30	26.92 -1.20 0.00	24.13 -0.94 0.00	21.61 -1.28 0.00	24.62 -1.33 0.00	27.67 -1.01 0.00	25.59 -0.81 0.00
N.BELMOR_69_KV_BK1 55787	17.36 0.89 0.00	16.08 0.59 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.25 0.31 -13.39	22.09 1.03 0.00	24.28 1.21 0.00	33.06 1.79 0.00	24.18 1.27 0.00	20.93 1.09 0.00	23.56 1.38 0.00	25.02 1.42 0.00	27.70 1.53 0.00	28.41 1.68 0.00	27.14 1.67 0.00	26.28 1.69 0.00	34.23 2.23 0.00	47.39 2.88 0.00	30.16 2.04 0.00	26.80 1.73 0.00	24.35 1.47 0.00	27.23 1.28 0.00	30.16 1.48 0.00	27.60 1.20 0.00
N.E_GEN_SANDY PD 24062	17.85 0.66 -0.72	20.30 0.44 -8.10	25.33 0.03 -24.37	23.38 0.04 -22.17	21.68 0.22 -14.91	21.78 0.72 0.00	23.87 0.80 0.00	34.60 1.17 -2.16	23.81 0.84 -0.06	20.57 0.73 0.00	23.67 0.75 -0.74	24.36 0.76 0.00	26.96 0.78 0.00	27.62 0.84 -0.05	26.09 0.72 0.09	26.45 0.81 -1.05	33.49 1.38 -0.10	45.99 1.96 0.48	29.29 1.28 0.11	27.70 1.14 -1.50	33.97 0.97 -10.11	33.98 0.88 -7.15	29.58 0.90 0.00	27.16 0.77 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.01 0.54 0.00	15.69 0.37 -3.55	19.75 0.02 -18.80	20.18 0.03 -18.97	19.49 0.18 -12.76	21.70 0.64 0.00	23.83 0.76 0.00	32.48 1.21 0.00	23.78 0.87 0.00	20.62 0.79 0.00	23.08 0.89 0.00	24.53 0.93 0.00	27.23 1.05 0.00	27.87 1.14 0.00	26.62 1.15 0.00	25.82 1.22 0.00	33.66 1.66 0.00	46.71 2.20 0.00	29.64 1.52 0.00	26.38 1.31 0.00	23.95 1.06 0.00	26.85 0.90 0.00	29.62 0.93 0.00	27.16 0.76 0.00
N.QUEENS_27_KV_LOAD 356247	17.21 0.74 0.00	16.01 0.52 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.19 0.25 -13.39	21.91 0.85 0.00	24.05 0.98 0.00	32.74 1.48 0.00	24.10 1.19 0.00	20.90 1.05 -0.01	23.48 1.29 0.00	24.94 1.35 0.00	27.72 1.53 0.00	28.29 1.56 -0.01	27.06 1.58 -0.01	26.26 1.66 -0.01	34.16 2.16 -0.01	47.31 2.80 0.00	30.10 1.98 0.00	26.82 1.75 0.00	24.34 1.45 0.00	27.20 1.25 0.00	29.98 1.30 0.00	27.46 1.07 0.00
N.TROY___115KV_TB1 355778	17.16 0.69 0.00	16.79 0.48 -4.54	25.03 0.03 -24.07	25.52 0.05 -24.30	23.15 0.25 -16.34	21.83 0.77 0.00	23.96 0.89 0.00	32.58 1.31 0.00	23.86 0.94 0.00	20.67 0.82 0.00	22.96 0.78 0.00	24.39 0.79 0.00	27.03 0.85 0.00	27.68 0.94 0.00	26.24 0.77 0.00	25.45 0.85 0.00	33.54 1.53 0.00	46.79 2.28 0.00	29.59 1.47 0.00	26.42 1.35 0.00	24.04 1.15 0.00	26.96 1.01 0.00	29.72 1.04 0.00	27.31 0.92 0.00
NARROWS_GT1_1 24228	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT1_2 24229	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT1_3 24230	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT1_4 24231	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89

NARROWS_GT1_5 24232	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT1_6 24233	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT1_7 24234	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT1_8 24235	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT2_1 24236	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT2_2 24237	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT2_3 24238	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT2_4 24239	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT2_5 24240	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT2_6 24241	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT2_7 24242	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NARROWS_GT2_8 24243	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.63 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.56 1.37 0.00	26.06 1.43 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.85 2.31 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.53 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	17.30 0.84 0.00	16.64 0.60 -4.27	23.62 0.04 -22.65	24.09 0.05 -22.87	22.23 0.29 -15.38	22.01 0.95 0.00	24.08 1.01 0.00	32.72 1.45 0.00	23.87 0.96 0.00	20.53 0.69 0.00	22.73 0.55 0.00	24.18 0.58 0.00	26.80 0.62 0.00	27.51 0.78 0.00	26.20 0.73 0.00	25.22 0.62 0.00	33.35 1.34 0.00	47.15 2.64 0.00	29.80 1.68 0.00	26.59 1.52 0.00	24.20 1.31 0.00	27.21 1.26 0.00	29.90 1.22 0.00	27.44 1.05 0.00
NCHELSEA_115KV_TR2 355582	17.17 0.70 0.00	15.95 0.48 -3.70	20.58 0.03 -19.62	21.03 0.04 -19.81	20.11 0.24 -13.32	21.89 0.82 0.00	24.04 0.97 0.00	32.76 1.50 0.00	24.00 1.09 0.00	20.83 0.99 0.00	23.30 1.12 0.00	24.75 1.15 0.00	27.42 1.25 0.00	28.08 1.35 0.00	26.83 1.36 0.00	26.02 1.42 0.00	33.98 1.97 0.00	47.24 2.73 0.00	29.97 1.85 0.00	26.68 1.62 0.00	24.24 1.35 0.00	27.18 1.23 0.00	29.94 1.26 0.00	27.43 1.04 0.00
NEG CAPITAL___MECHNVIL 23645	17.33 0.87 0.00	16.95 0.59 -4.59	25.30 0.04 -24.33	25.79 0.06 -24.56	23.39 0.33 -16.52	22.11 1.05 0.00	24.34 1.27 0.00	33.13 1.86 0.00	24.16 1.25 0.00	20.87 1.03 0.00	23.17 0.99 0.00	24.63 1.03 0.00	27.36 1.18 0.00	28.05 1.32 0.00	26.63 1.16 0.00	25.79 1.19 0.00	34.01 2.00 0.00	47.46 2.95 0.00	30.07 1.95 0.00	26.83 1.77 0.00	24.43 1.54 0.00	27.44 1.50 0.00	30.22 1.54 0.00	27.75 1.36 0.00



NEG CENTRAL_HIGH_ACRES 23767	12.92 -1.18 2.37	10.73 -0.85 0.18	2.51 -0.07 -1.65	2.78 -0.08 -1.68	6.66 -0.44 -0.55	19.33 -1.31 0.42	21.72 -1.35 0.00	28.93 -1.62 0.71	21.79 -1.12 0.01	18.89 -0.95 0.00	21.22 -0.96 0.00	22.82 -0.78 0.00	25.48 -0.70 0.00	26.03 -0.70 0.00	24.85 -0.62 0.00	23.80 -0.79 0.01	31.21 -0.80 0.00	43.12 -1.15 0.23	27.26 -0.86 0.00	24.32 -0.75 0.00	22.02 -0.87 0.00	24.95 -1.00 0.00	27.69 -0.99 0.00	25.51 -0.89 0.00
NEG CENTRAL___DRP 24199	11.93 -0.46 4.08	10.87 -0.34 0.56	2.45 -0.03 -1.55	2.74 -0.03 -1.60	6.46 -0.16 -0.07	19.88 -0.45 0.73	22.65 -0.42 0.00	30.45 -0.50 0.31	22.53 -0.38 0.00	19.49 -0.35 0.00	21.83 -0.36 0.00	23.34 -0.26 0.00	26.01 -0.17 0.00	26.68 -0.05 0.00	25.41 -0.06 0.00	24.30 -0.29 0.00	31.98 -0.03 0.00	44.40 0.00 0.10	28.14 0.02 0.00	25.13 0.06 0.00	22.79 -0.10 0.00	25.69 -0.26 0.00	28.45 -0.23 0.00	26.15 -0.25 0.00
NEG CENTRAL___INDECK 23768	9.15 -0.91 6.40	10.11 -0.68 0.97	2.80 -0.05 -1.93	3.11 -0.06 -1.99	5.98 -0.34 0.23	19.04 -0.88 1.14	22.26 -0.81 0.00	29.62 -0.87 0.78	22.28 -0.63 0.01	19.26 -0.58 0.00	21.51 -0.67 0.00	23.27 -0.33 0.00	26.21 0.03 0.00	26.53 -0.21 0.00	25.32 -0.16 0.00	24.20 -0.39 0.01	31.84 -0.16 0.00	44.58 0.32 0.25	28.21 0.09 0.00	25.27 0.20 0.00	22.71 -0.17 0.00	25.74 -0.21 0.00	28.77 0.09 0.00	26.57 0.18 0.00
NEG CENTRAL___SENECA 23627	9.30 -0.61 6.56	10.20 -0.45 1.12	2.25 -0.04 -1.36	2.55 -0.04 -1.42	5.67 -0.23 0.65	19.29 -0.60 1.17	22.52 -0.55 0.00	30.09 -0.58 0.59	22.50 -0.41 0.01	19.46 -0.38 0.00	21.83 -0.35 0.00	23.38 -0.22 0.00	26.05 -0.12 0.00	26.76 0.03 0.00	25.48 0.00 0.00	24.31 -0.28 0.01	32.03 0.03 0.00	44.38 0.07 0.20	28.25 0.12 0.00	25.21 0.15 0.00	22.80 -0.09 0.00	25.72 -0.23 0.00	28.51 -0.17 0.00	26.22 -0.18 0.00
NEG CENTRAL___STATE_STREET 24147	14.93 -0.18 1.37	11.69 -0.13 -0.05	2.68 -0.01 -1.76	2.96 -0.01 -1.79	7.39 -0.04 -0.87	20.75 -0.07 0.24	23.04 -0.04 0.00	31.18 -0.09 0.00	22.75 -0.16 0.00	19.72 -0.12 0.00	22.06 -0.13 0.00	23.56 -0.04 0.00	26.31 0.13 0.00	26.93 0.20 0.00	25.70 0.23 0.00	24.58 -0.01 0.00	32.34 0.34 0.00	45.08 0.57 0.00	28.37 0.25 0.00	25.39 0.33 0.00	23.10 0.21 0.00	26.04 0.09 0.00	28.80 0.12 0.00	26.39 -0.01 0.00
NEG MILLWOOD___DRP 24198	17.21 0.74 0.00	16.02 0.50 -3.74	20.79 0.04 -19.83	21.23 0.05 -20.02	20.26 0.25 -13.46	21.93 0.87 0.00	24.10 1.02 0.00	32.85 1.58 0.00	24.07 1.16 0.00	20.89 1.05 0.00	23.40 1.21 0.00	24.86 1.26 0.00	27.53 1.35 0.00	28.18 1.44 0.00	26.92 1.45 0.00	26.12 1.52 0.00	34.08 2.08 0.00	47.37 2.86 0.00	30.07 1.95 0.00	26.77 1.70 0.00	24.31 1.42 0.00	27.24 1.29 0.00	29.99 1.31 0.00	27.46 1.07 0.00
NEG NORTH_FLCN_SEA 23793	-21.22 -0.52 37.17	-21.22 -0.36 32.64	-4.17 0.00 5.10	-8.41 -0.03 9.55	2.57 -0.18 3.80	20.46 -0.61 0.00	22.69 -0.38 0.00	30.62 -0.65 0.00	22.36 -0.55 0.00	19.27 -0.57 0.00	21.43 -0.76 0.00	22.40 -1.19 0.00	24.77 -1.41 0.00	25.50 -1.23 0.00	24.46 -1.02 0.00	23.70 -0.90 0.00	30.68 -1.32 0.00	43.03 -1.48 0.00	27.67 -0.45 0.00	24.71 -0.36 0.00	22.48 -0.40 0.00	25.69 -0.26 0.00	28.42 -0.26 0.00	26.15 -0.25 0.00
NEG NORTH_KES_CHATEGAY 23792	-23.73 -0.59 39.61	-23.43 -0.43 34.78	-4.51 -0.01 5.43	-9.04 -0.04 10.17	2.31 -0.19 4.05	20.53 -0.53 0.00	22.87 -0.20 0.00	30.89 -0.38 0.00	22.55 -0.36 0.00	19.41 -0.43 0.00	21.58 -0.60 0.00	22.59 -1.01 0.00	24.98 -1.20 0.00	25.73 -1.00 0.00	24.68 -0.78 0.00	23.96 -0.64 0.00	30.93 -1.07 0.00	43.45 -1.06 0.00	27.93 -0.19 0.00	24.97 -0.10 0.00	22.71 -0.17 0.00	25.94 -0.01 0.00	28.66 -0.02 0.00	26.36 -0.03 0.00
NEG NORTH___ALICE_FALLS 23915	-21.60 -0.51 37.56	-21.56 -0.35 32.97	-4.22 0.00 5.15	-8.51 -0.03 9.65	2.54 -0.17 3.84	20.56 -0.50 0.00	22.86 -0.21 0.00	30.87 -0.40 0.00	22.53 -0.38 0.00	19.40 -0.45 0.00	21.57 -0.61 0.00	22.57 -1.03 0.00	24.96 -1.22 0.00	25.71 -1.02 0.00	24.67 -0.80 0.00	23.94 -0.66 0.00	30.92 -1.08 0.00	43.42 -1.09 0.00	27.92 -0.21 0.00	24.95 -0.12 0.00	22.70 -0.19 0.00	25.92 -0.03 0.00	28.65 -0.03 0.00	26.34 -0.06 0.00
NEG NORTH___LWR_SARANAC 23913	-21.60 -0.51 37.56	-21.56 -0.35 32.97	-4.22 0.00 5.15	-8.51 -0.03 9.65	2.54 -0.17 3.84	20.56 -0.50 0.00	22.86 -0.21 0.00	30.87 -0.40 0.00	22.53 -0.38 0.00	19.40 -0.45 0.00	21.57 -0.61 0.00	22.57 -1.03 0.00	24.96 -1.22 0.00	25.71 -1.02 0.00	24.67 -0.80 0.00	23.94 -0.66 0.00	30.92 -1.08 0.00	43.42 -1.09 0.00	27.92 -0.21 0.00	24.95 -0.12 0.00	22.70 -0.19 0.00	25.92 -0.03 0.00	28.65 -0.03 0.00	26.34 -0.06 0.00
NEG NORTH___PLATTSBURG 23628	-21.61 -0.52 37.56	-21.56 -0.36 32.97	-4.22 0.00 5.15	-8.51 -0.03 9.65	2.54 -0.17 3.84	20.56 -0.50 0.00	22.86 -0.21 0.00	30.87 -0.40 0.00	22.53 -0.38 0.00	19.40 -0.44 0.00	21.57 -0.61 0.00	22.57 -1.03 0.00	24.96 -1.22 0.00	25.71 -1.02 0.00	24.67 -0.80 0.00	23.94 -0.66 0.00	30.92 -1.08 0.00	43.42 -1.09 0.00	27.92 -0.21 0.00	24.95 -0.12 0.00	22.69 -0.19 0.00	25.92 -0.03 0.00	28.65 -0.03 0.00	26.34 -0.06 0.00
NEG WEST_LEA_LOCKPORT 23791	10.23 -1.99 4.25	9.75 -1.49 0.53	2.71 -0.11 -1.90	3.00 -0.13 -1.95	6.07 -0.75 -0.27	18.07 -2.24 0.75	20.72 -2.35 0.00	27.44 -2.91 0.91	21.02 -1.88 0.01	18.31 -1.53 0.00	20.71 -1.48 0.00	22.38 -1.22 0.00	25.16 -1.02 0.00	25.68 -1.05 0.00	24.46 -1.01 0.00	23.26 -1.32 0.02	30.51 -1.49 0.00	41.94 -2.27 0.30	26.37 -1.75 0.00	23.60 -1.47 0.00	21.12 -1.77 0.00	24.12 -1.83 0.00	27.17 -1.51 0.00	25.18 -1.22 0.00
NEG WEST___LANCASTER 23811	10.12 -1.02 5.33	10.21 -0.85 0.72	2.97 -0.07 -2.12	3.28 -0.07 -2.18	6.30 -0.42 -0.16	18.90 -1.21 0.95	21.84 -1.24 0.00	28.89 -1.54 0.84	22.04 -0.86 0.01	19.23 -0.61 0.00	21.72 -0.46 0.00	23.45 -0.17 -0.02	26.37 0.19 0.00	26.91 0.15 -0.02	25.55 0.09 0.00	24.31 -0.28 0.01	31.87 -0.14 0.00	43.96 -0.28 0.27	27.67 -0.45 0.00	24.73 -0.33 0.00	22.23 -0.65 0.00	25.34 -0.61 0.00	28.40 -0.28 0.00	26.32 -0.07 0.00
NEG_PENN_ALLEGHNY 23528	14.31 -0.20 1.95	12.33 -0.15 -0.72	6.86 -0.01 -5.95	7.18 -0.02 -6.02	10.04 -0.09 -3.57	20.49 -0.22 0.35	22.89 -0.18 0.00	30.95 -0.07 0.24	22.85 -0.06 0.00	19.81 -0.03 0.00	22.20 0.02 0.00	23.73 0.13 0.00	26.42 0.25 0.00	27.01 0.27 0.00	25.77 0.30 0.00	24.82 0.23 0.00	32.45 0.45 0.00	45.11 0.68 0.08	28.51 0.39 0.00	25.47 0.40 0.00	23.11 0.23 0.00	26.05 0.10 0.00	28.80 0.12 0.00	26.47 0.07 0.00
NEG___GEN_MONROE 24207	12.20 -1.16 3.11	10.59 -0.85 0.34	2.53 -0.07 -1.67	2.81 -0.07 -1.71	6.51 -0.43 -0.39	19.25 -1.26 0.55	21.79 -1.28 0.00	28.75 -1.54 0.98	21.93 -0.97 0.01	19.00 -0.84 0.00	21.40 -0.78 0.00	23.08 -0.52 0.00	25.86 -0.32 0.00	26.34 -0.39 0.00	25.12 -0.35 0.00	24.08 -0.50 0.02	31.58 -0.42 0.00	43.49 -0.70 0.32	27.42 -0.70 0.00	24.53 -0.54 0.00	22.13 -0.76 0.00	25.14 -0.81 0.00	28.01 -0.67 0.00	25.84 -0.56 0.00

NEPA___ENERGY 23901	9.69 -1.49 5.29	9.98 -1.09 0.70	2.99 -0.09 -2.15	3.29 -0.10 -2.21	6.20 -0.55 -0.19	18.47 -1.65 0.94	21.37 -1.70 0.00	28.46 -1.98 0.83	21.56 -1.34 0.01	18.82 -1.03 0.00	21.30 -0.88 0.00	23.03 -0.57 0.00	25.89 -0.29 0.00	26.46 -0.28 0.00	25.22 -0.25 0.00	23.98 -0.61 0.01	31.43 -0.57 0.00	43.43 -0.82 0.27	27.32 -0.80 0.00	24.50 -0.57 0.00	21.96 -0.92 0.00	24.93 -1.02 0.00	27.86 -0.82 0.00	25.75 -0.64 0.00
NEVERSINK___HYD 23608	16.71 0.24 0.00	15.28 0.15 -3.36	18.72 0.01 -17.79	19.14 0.01 -17.96	18.69 0.06 -12.08	21.33 0.26 0.00	23.45 0.37 0.00	31.95 0.68 0.00	23.39 0.47 0.00	20.30 0.46 0.00	22.65 0.46 0.00	24.00 0.40 0.00	26.61 0.43 0.00	27.25 0.51 0.00	26.11 0.64 0.00	25.33 0.73 0.00	32.97 0.97 0.00	45.76 1.25 0.00	29.14 1.02 0.00	25.97 0.91 0.00	23.62 0.73 0.00	26.47 0.52 0.00	29.18 0.50 0.00	26.74 0.34 0.00
NEWKRMKL_115KV_TB1 55635	16.96 0.49 0.00	16.65 0.35 -4.52	24.89 0.02 -23.94	25.37 0.03 -24.17	22.97 0.16 -16.25	21.54 0.48 0.00	23.48 0.41 0.00	31.89 0.62 0.00	23.38 0.46 0.00	20.24 0.40 0.00	22.56 0.38 0.00	23.99 0.40 0.00	26.53 0.35 0.00	27.16 0.43 0.00	25.83 0.36 0.00	24.97 0.37 0.00	32.85 0.84 0.00	46.02 1.51 0.00	28.97 0.85 0.00	25.78 0.71 0.00	23.48 0.60 0.00	26.42 0.47 0.00	29.10 0.42 0.00	26.74 0.35 0.00
NEWTON___FALLS_HYD 23847	21.01 -0.51 -5.05	15.94 -0.36 -4.53	2.12 -0.03 -1.22	2.97 -0.03 -1.83	7.22 -0.20 -0.87	20.36 -0.71 0.00	22.38 -0.70 0.00	30.31 -0.96 0.00	22.28 -0.63 0.00	19.26 -0.58 0.00	21.46 -0.72 0.00	22.86 -0.73 0.00	25.26 -0.92 0.00	25.56 -1.18 0.00	24.33 -1.14 0.00	23.71 -0.89 0.00	31.13 -0.88 0.00	43.69 -0.82 0.00	27.65 -0.47 0.00	24.73 -0.34 0.00	22.60 -0.28 0.00	25.72 -0.23 0.00	28.44 -0.24 0.00	26.19 -0.21 0.00
NGRID_A1_DSASP 323792	9.75 -2.40 4.32	9.56 -1.67 0.54	2.74 -0.13 -1.94	3.02 -0.15 -1.99	5.97 -0.86 -0.28	17.63 -2.66 0.78	20.23 -2.84 0.00	26.74 -3.62 0.91	20.52 -2.38 0.01	17.89 -1.95 0.00	20.21 -1.98 0.00	21.85 -1.74 0.01	24.61 -1.56 0.00	25.13 -1.60 0.01	23.91 -1.56 0.00	22.71 -1.88 0.02	29.75 -2.26 0.00	40.89 -3.33 0.30	25.72 -2.40 0.00	23.00 -2.06 0.00	20.63 -2.26 0.00	23.69 -2.27 0.00	26.73 -1.95 0.00	24.79 -1.60 0.00
NGRID_A2_DSASP 323793	9.75 -2.40 4.32	9.56 -1.67 0.54	2.74 -0.13 -1.94	3.02 -0.15 -1.99	5.97 -0.86 -0.28	17.63 -2.66 0.78	20.23 -2.84 0.00	26.74 -3.62 0.91	20.52 -2.38 0.01	17.89 -1.95 0.00	20.21 -1.98 0.00	21.85 -1.74 0.01	24.61 -1.56 0.00	25.13 -1.60 0.01	23.91 -1.56 0.00	22.71 -1.88 0.02	29.75 -2.26 0.00	40.89 -3.33 0.30	25.72 -2.40 0.00	23.00 -2.06 0.00	20.63 -2.26 0.00	23.69 -2.27 0.00	26.73 -1.95 0.00	24.79 -1.60 0.00
NGRID_A4_DSASP 323807	9.75 -2.40 4.32	9.56 -1.67 0.54	2.74 -0.13 -1.94	3.02 -0.15 -1.99	5.97 -0.86 -0.28	17.63 -2.66 0.78	20.23 -2.84 0.00	26.74 -3.62 0.91	20.52 -2.38 0.01	17.89 -1.95 0.00	20.21 -1.98 0.00	21.85 -1.74 0.01	24.61 -1.56 0.00	25.13 -1.60 0.01	23.91 -1.56 0.00	22.71 -1.88 0.02	29.75 -2.26 0.00	40.89 -3.33 0.30	25.72 -2.40 0.00	23.00 -2.06 0.00	20.63 -2.26 0.00	23.69 -2.27 0.00	26.73 -1.95 0.00	24.79 -1.60 0.00
NIAGARA_115E_LBMP 323715	9.96 -2.19 4.32	9.56 -1.67 0.54	2.73 -0.13 -1.93	3.01 -0.15 -1.98	5.96 -0.86 -0.27	17.61 -2.68 0.78	20.22 -2.85 0.00	26.71 -3.65 0.91	20.51 -2.40 0.01	17.88 -1.96 0.00	20.19 -2.00 0.00	21.83 -1.76 0.00	24.58 -1.59 0.00	25.11 -1.62 0.00	23.89 -1.59 0.00	22.68 -1.90 0.02	29.72 -2.28 0.00	40.85 -3.37 0.30	25.69 -2.43 0.00	22.97 -2.10 0.00	20.58 -2.30 0.00	23.64 -2.31 0.00	26.68 -2.00 0.00	24.73 -1.66 0.00
NIAGARA_115W_LBMP 323714	9.71 -2.43 4.32	9.52 -1.70 0.54	2.73 -0.13 -1.94	3.01 -0.15 -1.99	5.95 -0.88 -0.28	17.57 -2.72 0.78	20.16 -2.91 0.00	26.63 -3.73 0.91	20.45 -2.45 0.01	17.83 -2.01 0.00	20.14 -2.05 0.00	21.78 -1.81 0.01	24.53 -1.65 0.00	25.05 -1.68 0.01	23.83 -1.64 0.00	22.62 -1.96 0.02	29.64 -2.37 0.00	40.74 -3.47 0.30	25.65 -2.47 0.00	22.93 -2.13 0.00	20.58 -2.31 0.00	23.63 -2.32 0.00	26.69 -1.99 0.00	24.76 -1.64 0.00
NIAGARA_230_LBMP 323716	10.04 -2.12 4.31	9.69 -1.55 0.54	2.72 -0.12 -1.91	3.00 -0.14 -1.96	6.01 -0.80 -0.26	17.84 -2.45 0.77	20.45 -2.62 0.00	27.05 -3.29 0.93	20.71 -2.20 0.01	18.06 -1.78 0.00	20.38 -1.81 0.00	22.04 -1.56 0.00	24.80 -1.37 0.00	25.33 -1.40 0.00	24.11 -1.36 0.00	22.92 -1.66 0.02	30.04 -1.96 0.00	41.28 -2.93 0.30	25.94 -2.18 0.00	23.18 -1.89 0.00	20.81 -2.08 0.00	23.87 -2.09 0.00	26.86 -1.82 0.00	24.90 -1.50 0.00
NIAGARA___115KV_198_GIBSON 55903	9.73 -2.42 4.32	9.53 -1.70 0.54	2.74 -0.13 -1.94	3.02 -0.15 -1.99	5.97 -0.86 -0.28	17.57 -2.72 0.78	20.16 -2.91 0.00	26.64 -3.72 0.91	20.45 -2.46 0.01	17.85 -1.99 0.00	20.18 -2.00 0.00	21.79 -1.80 0.01	24.52 -1.66 0.00	25.05 -1.68 0.01	23.82 -1.65 0.00	22.62 -1.96 0.02	29.63 -2.37 0.00	40.74 -3.47 0.30	25.65 -2.47 0.00	22.93 -2.14 0.00	20.57 -2.31 0.00	23.63 -2.32 0.00	26.68 -2.00 0.00	24.76 -1.64 0.00
NIAGARA___ 23760	10.04 -2.12 4.31	9.69 -1.55 0.54	2.73 -0.12 -1.93	3.02 -0.14 -1.98	6.02 -0.80 -0.27	17.84 -2.45 0.77	20.45 -2.62 0.00	27.06 -3.29 0.92	20.71 -2.20 0.01	18.06 -1.78 0.00	20.38 -1.81 0.00	22.03 -1.56 0.00	24.80 -1.37 0.00	25.33 -1.40 0.00	24.11 -1.36 0.00	22.92 -1.66 0.02	30.04 -1.96 0.00	41.28 -2.93 0.30	25.94 -2.18 0.00	23.18 -1.89 0.00	20.81 -2.08 0.00	23.87 -2.09 0.00	26.86 -1.82 0.00	24.90 -1.50 0.00
NINE_MILE_1 23575	16.00 -0.47 0.00	11.66 -0.33 -0.22	2.10 -0.03 -1.20	2.35 -0.03 -1.21	7.18 -0.18 -0.81	20.47 -0.59 0.00	22.37 -0.71 0.00	23.28 -1.02 6.97	22.14 -0.71 0.06	19.27 -0.57 0.00	21.54 -0.65 0.00	22.94 -0.66 0.00	25.45 -0.73 0.00	26.01 -0.72 0.00	24.81 -0.67 0.00	23.80 -0.68 0.12	31.18 -0.81 0.02	41.12 -1.08 2.31	27.42 -0.70 0.00	24.46 -0.60 0.00	22.31 -0.58 0.00	25.21 -0.74 0.00	27.85 -0.82 0.00	25.66 -0.74 0.00
NINE_MILE_2 23744	16.00 -0.47 0.00	11.67 -0.33 -0.22	2.09 -0.03 -1.19	2.35 -0.03 -1.21	7.18 -0.18 -0.81	20.48 -0.59 0.00	22.37 -0.70 0.00	23.19 -1.01 7.06	22.14 -0.71 0.06	19.27 -0.57 0.00	21.54 -0.65 0.00	22.94 -0.66 0.00	25.45 -0.73 0.00	26.01 -0.72 0.00	24.81 -0.67 0.00	23.80 -0.68 0.12	31.18 -0.81 0.02	41.10 -1.07 2.34	27.43 -0.69 0.00	24.47 -0.60 0.00	22.31 -0.58 0.00	25.21 -0.74 0.00	27.86 -0.82 0.00	25.66 -0.73 0.00
NM_CAPITAL___DRP 24208	16.99 0.52 0.00	16.65 0.37 -4.51	24.83 0.02 -23.88	25.31 0.03 -24.11	22.94 0.17 -16.21	21.58 0.52 0.00	23.54 0.47 0.00	31.95 0.69 0.00	23.41 0.50 0.00	20.28 0.44 0.00	22.60 0.42 0.00	24.03 0.43 0.00	26.56 0.38 0.00	27.20 0.46 0.00	25.85 0.38 0.00	25.00 0.40 0.00	32.86 0.86 0.00	46.00 1.49 0.00	28.98 0.86 0.00	25.80 0.74 0.00	23.51 0.63 0.00	26.45 0.50 0.00	29.12 0.45 0.00	26.78 0.38 0.00

NM_CENTRAL___DRP 24181	16.19 -0.28 0.00	11.89 -0.20 -0.32	2.60 -0.02 -1.70	2.87 -0.02 -1.71	7.60 -0.10 -1.15	20.74 -0.32 0.00	22.70 -0.38 0.00	30.38 -0.50 0.39	22.57 -0.34 0.00	19.59 -0.25 0.00	21.92 -0.26 0.00	23.38 -0.22 0.00	25.95 -0.22 0.00	26.55 -0.19 0.00	25.33 -0.14 0.00	24.38 -0.21 0.01	31.87 -0.13 0.00	44.27 -0.11 0.13	28.03 -0.09 0.00	25.01 -0.05 0.00	22.76 -0.12 0.00	25.70 -0.25 0.00	28.38 -0.30 0.00	26.12 -0.27 0.00
NM_FRONTIER___DRP 24179	9.73 -2.42 4.32	9.53 -1.70 0.54	2.74 -0.13 -1.94	3.02 -0.15 -1.99	5.97 -0.86 -0.28	17.57 -2.72 0.78	20.16 -2.91 0.00	26.64 -3.72 0.91	20.45 -2.46 0.01	17.85 -1.99 0.00	20.18 -2.00 0.00	21.79 -1.80 0.01	24.52 -1.66 0.00	25.05 -1.68 0.01	23.82 -1.65 0.00	22.62 -1.96 0.02	29.63 -2.37 0.00	40.74 -3.47 0.30	25.65 -2.47 0.00	22.93 -2.14 0.00	20.57 -2.31 0.00	23.63 -2.32 0.00	26.68 -2.00 0.00	24.76 -1.64 0.00
NM_ST_REGIS___HYD 24053	27.39 -0.57 -11.50	21.46 -0.41 -10.10	2.48 -0.02 -1.58	4.09 -0.04 -2.95	7.53 -0.20 -1.18	20.40 -0.66 0.00	22.52 -0.55 0.00	30.43 -0.84 0.00	22.25 -0.66 0.00	19.18 -0.67 0.00	21.39 -0.80 0.00	22.65 -0.95 0.00	25.07 -1.11 0.00	25.47 -1.26 0.00	24.23 -1.24 0.00	23.48 -1.12 0.00	30.43 -1.57 0.00	42.60 -1.91 0.00	27.02 -1.10 0.00	24.09 -0.98 0.00	22.07 -0.81 0.00	25.29 -0.65 0.00	28.03 -0.64 0.00	25.87 -0.53 0.00
NORTHPORT___1 23551	17.33 0.87 0.00	16.07 0.57 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.26 0.31 -13.39	22.06 0.99 0.00	24.22 1.15 0.00	32.92 1.65 0.00	24.04 1.13 0.00	20.78 0.94 0.00	23.45 1.27 0.00	24.85 1.25 0.00	27.51 1.34 0.00	28.16 1.43 0.00	26.86 1.39 0.00	26.00 1.40 0.00	33.95 1.95 0.00	46.79 2.28 0.00	29.90 1.78 0.00	26.53 1.47 0.00	24.13 1.25 0.00	26.90 0.95 0.00	29.88 1.20 0.00	27.34 0.95 0.00
NORTHPORT___2 23552	17.33 0.87 0.00	16.07 0.57 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.26 0.31 -13.39	22.06 0.99 0.00	24.22 1.15 0.00	32.92 1.65 0.00	24.04 1.13 0.00	20.78 0.94 0.00	23.45 1.27 0.00	24.85 1.25 0.00	27.51 1.34 0.00	28.16 1.43 0.00	26.86 1.39 0.00	26.00 1.40 0.00	33.95 1.95 0.00	46.79 2.28 0.00	29.90 1.78 0.00	26.53 1.47 0.00	24.13 1.25 0.00	26.90 0.95 0.00	29.88 1.20 0.00	27.34 0.95 0.00
NORTHPORT___3 23553	17.36 0.89 0.00	16.07 0.58 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.25 0.31 -13.39	22.09 1.02 0.00	24.26 1.19 0.00	33.00 1.73 0.00	24.12 1.21 0.00	20.83 0.99 0.00	23.45 1.27 0.00	24.88 1.28 0.00	27.56 1.38 0.00	28.24 1.51 0.00	26.94 1.47 0.00	26.11 1.51 0.00	34.06 2.05 0.00	47.00 2.48 0.00	29.97 1.85 0.00	26.61 1.54 0.00	24.20 1.31 0.00	27.01 1.06 0.00	29.94 1.26 0.00	27.40 1.01 0.00
NORTHPORT___4 23650	17.36 0.89 0.00	16.07 0.58 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.25 0.31 -13.39	22.09 1.02 0.00	24.26 1.19 0.00	33.00 1.73 0.00	24.12 1.21 0.00	20.83 0.99 0.00	23.45 1.27 0.00	24.88 1.28 0.00	27.56 1.38 0.00	28.24 1.51 0.00	26.94 1.47 0.00	26.11 1.51 0.00	34.06 2.05 0.00	47.00 2.48 0.00	29.97 1.85 0.00	26.61 1.54 0.00	24.20 1.31 0.00	27.01 1.06 0.00	29.94 1.26 0.00	27.40 1.01 0.00
NORTHPORT___IC 23718	17.33 0.87 0.00	16.07 0.57 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.25 0.31 -13.39	22.06 0.99 0.00	24.22 1.15 0.00	32.92 1.66 0.00	24.05 1.14 0.00	20.78 0.94 0.00	23.44 1.26 0.00	24.85 1.25 0.00	27.51 1.34 0.00	28.17 1.43 0.00	26.86 1.39 0.00	26.00 1.40 0.00	33.96 1.95 0.00	46.79 2.28 0.00	29.90 1.78 0.00	26.53 1.47 0.00	24.13 1.25 0.00	26.90 0.96 0.00	29.88 1.20 0.00	27.35 0.95 0.00
NORTH___COUNTRY_ESR 323785	-23.84 -0.64 39.66	-23.51 -0.46 34.82	-4.52 -0.01 5.44	-9.06 -0.04 10.19	2.29 -0.21 4.06	20.47 -0.59 0.00	22.71 -0.36 0.00	30.74 -0.53 0.00	22.49 -0.42 0.00	19.41 -0.43 0.00	21.64 -0.55 0.00	22.72 -0.87 0.00	25.14 -1.03 0.00	25.73 -1.00 0.00	24.58 -0.90 0.00	23.79 -0.81 0.00	30.77 -1.24 0.00	43.04 -1.47 0.00	27.42 -0.70 0.00	24.41 -0.66 0.00	22.29 -0.60 0.00	25.55 -0.40 0.00	28.30 -0.38 0.00	26.09 -0.31 0.00
NPX_GEN_1385_PROXY 323591	17.64 1.17 0.00	16.25 0.76 -3.72	20.71 0.07 -19.72	21.16 0.08 -19.91	20.43 0.49 -13.39	22.24 1.18 0.00	24.47 1.40 0.00	33.30 2.03 0.00	24.08 1.17 0.00	20.66 0.82 0.00	23.28 1.09 0.00	24.67 1.07 0.00	27.43 1.25 0.00	27.78 1.05 0.00	26.22 0.75 0.00	25.30 0.70 0.00	33.52 1.52 0.00	46.19 1.68 0.00	29.91 1.79 0.00	26.46 1.40 0.00	21.11 1.42 3.20	28.58 0.99 -1.63	29.98 1.30 0.00	27.51 1.11 0.00
NPX_GEN_CSC 323557	17.25 0.78 0.00	15.99 0.50 -3.72	20.67 0.03 -19.72	21.12 0.04 -19.91	20.21 0.27 -13.39	22.04 0.97 0.00	24.10 1.03 0.00	32.58 1.31 0.00	23.83 0.92 0.00	20.57 0.73 0.00	23.12 0.94 0.00	24.45 0.86 0.00	26.99 0.81 0.00	27.74 1.01 0.00	26.51 1.04 0.00	25.77 1.17 0.00	33.66 1.66 0.00	46.46 1.95 0.00	29.60 1.48 0.00	26.30 1.23 0.00	20.70 1.01 3.20	28.21 0.63 -1.63	29.51 0.83 0.00	26.97 0.58 0.00
NSINS_S___GLNS_FALLS 23858	17.54 1.08 0.00	17.14 0.75 -4.62	25.47 0.06 -24.49	25.97 0.08 -24.72	23.61 0.43 -16.62	22.50 1.44 0.00	24.87 1.80 0.00	33.84 2.58 0.00	24.57 1.66 0.00	21.16 1.32 0.00	23.38 1.19 0.00	24.84 1.24 0.00	27.63 1.46 0.00	28.29 1.56 0.00	26.85 1.37 0.00	26.12 1.52 0.00	34.43 2.42 0.00	47.96 3.45 0.00	30.47 2.35 0.00	27.20 2.13 0.00	24.87 1.98 0.00	27.97 2.02 0.00	30.79 2.11 0.00	28.26 1.87 0.00
NUCOR_STEEL___DRP 24197	16.30 -0.17 0.00	12.02 -0.13 -0.37	2.90 -0.01 -1.99	3.17 -0.01 -2.01	7.87 -0.03 -1.35	21.01 -0.05 0.00	23.04 -0.03 0.00	31.18 -0.09 0.00	22.75 -0.16 0.00	19.72 -0.12 0.00	22.05 -0.13 0.00	23.55 -0.05 0.00	26.31 0.13 0.00	26.92 0.19 0.00	25.69 0.22 0.00	24.58 -0.02 0.00	32.33 0.33 0.00	45.07 0.56 0.00	28.34 0.22 0.00	25.38 0.31 0.00	23.10 0.21 0.00	26.04 0.09 0.00	28.80 0.12 0.00	26.38 -0.02 0.00
NUMBER_THREE_WT_PWR 323818	18.34 -0.32 -2.20	13.60 -0.23 -2.06	1.90 -0.02 -0.99	2.42 -0.02 -1.26	7.09 -0.16 -0.69	20.47 -0.59 0.00	22.41 -0.66 0.00	30.43 -0.84 0.00	22.56 -0.35 0.00	19.57 -0.28 0.00	21.77 -0.41 0.00	23.28 -0.32 0.00	25.68 -0.50 0.00	25.90 -0.83 0.00	24.71 -0.77 0.00	24.26 -0.34 0.00	32.09 0.09 0.00	45.12 0.60 0.00	28.51 0.39 0.00	25.59 0.52 0.00	23.34 0.46 0.00	26.41 0.46 0.00	29.14 0.46 0.00	26.77 0.38 0.00
NYISO_LBMP_REFERENCE 24008	16.47 0.00 0.00	11.77 0.00 0.00	0.92 0.00 0.00	1.18 0.00 0.00	6.55 0.00 0.00	21.06 0.00 0.00	23.07 0.00 0.00	31.27 0.00 0.00	22.91 0.00 0.00	19.84 0.00 0.00	22.19 0.00 0.00	23.60 0.00 0.00	26.17 0.00 0.00	26.73 0.00 0.00	25.47 0.00 0.00	24.60 0.00 0.00	32.00 0.00 0.00	44.51 0.00 0.00	28.12 0.00 0.00	25.07 0.00 0.00	22.89 0.00 0.00	25.95 0.00 0.00	28.68 0.00 0.00	26.39 0.00 0.00



OAK ORCHARD___HYD 24046	12.24 -1.17 3.05	10.60 -0.85 0.33	2.52 -0.07 -1.66	2.80 -0.08 -1.70	6.51 -0.44 -0.39	19.22 -1.30 0.55	21.71 -1.36 0.00	28.61 -1.68 0.98	21.82 -1.08 0.01	18.93 -0.91 0.00	21.30 -0.88 0.00	22.97 -0.63 0.00	25.69 -0.49 0.00	26.21 -0.53 0.00	25.01 -0.46 0.00	23.96 -0.62 0.02	31.37 -0.63 0.00	43.19 -1.00 0.32	27.28 -0.85 0.00	24.36 -0.71 0.00	22.00 -0.89 0.00	25.00 -0.94 0.00	27.82 -0.85 0.00	25.67 -0.72 0.00
OAKDALE___35_KV_LOAD 356122	13.57 -0.24 2.66	12.12 -0.18 -0.53	6.66 -0.01 -5.75	6.98 -0.02 -5.83	9.72 -0.10 -3.27	20.31 -0.28 0.47	22.82 -0.25 0.00	30.83 -0.19 0.25	22.78 -0.13 0.00	19.75 -0.09 0.00	22.14 -0.04 0.00	23.64 0.05 0.00	26.32 0.15 0.00	26.90 0.17 0.00	25.68 0.21 0.00	24.73 0.13 0.00	32.31 0.31 0.00	44.92 0.50 0.08	28.39 0.27 0.00	25.35 0.28 0.00	23.02 0.13 0.00	25.96 0.01 0.00	28.70 0.02 0.00	26.38 -0.02 0.00
OCC_CHEM___DRP 24175	9.77 -2.38 4.32	9.56 -1.67 0.54	2.74 -0.13 -1.94	3.02 -0.14 -1.99	5.98 -0.85 -0.28	17.63 -2.66 0.78	20.23 -2.84 0.00	26.74 -3.62 0.91	20.51 -2.39 0.01	17.91 -1.93 0.00	20.26 -1.93 0.00	21.86 -1.73 0.01	24.60 -1.58 0.00	25.13 -1.60 0.01	23.90 -1.57 0.00	22.70 -1.88 0.02	29.74 -2.26 0.00	40.89 -3.32 0.30	25.72 -2.40 0.00	23.00 -2.07 0.00	20.62 -2.26 0.00	23.68 -2.27 0.00	26.73 -1.95 0.00	24.79 -1.61 0.00
OH_GEN_PROXY 24063	10.14 -2.06 4.26	9.74 -1.50 0.53	2.73 -0.11 -1.93	3.02 -0.14 -1.98	6.05 -0.78 -0.28	17.91 -2.39 0.76	20.53 -2.54 0.00	27.16 -3.18 0.93	20.78 -2.13 0.01	18.11 -1.73 0.00	20.44 -1.74 0.00	22.10 -1.50 0.00	24.86 -1.31 0.00	25.40 -1.33 0.00	24.18 -1.29 0.00	23.00 -1.58 0.02	30.14 -1.86 0.00	41.43 -2.77 0.30	26.03 -2.09 0.00	23.26 -1.81 0.00	17.69 -2.00 3.20	25.57 -2.01 -1.63	26.90 -1.78 0.00	24.93 -1.46 0.00
OLIN_CORP_DRP 24177	9.93 -2.18 4.36	9.56 -1.66 0.55	2.74 -0.13 -1.94	3.02 -0.14 -1.99	5.98 -0.85 -0.28	17.63 -2.66 0.78	20.23 -2.84 0.00	26.74 -3.62 0.91	20.52 -2.39 0.01	17.91 -1.93 0.00	20.26 -1.93 0.00	21.86 -1.73 0.01	24.60 -1.58 0.00	25.13 -1.60 0.01	23.90 -1.57 0.00	22.70 -1.88 0.02	29.74 -2.26 0.00	40.89 -3.32 0.30	25.72 -2.40 0.00	23.00 -2.07 0.00	20.62 -2.26 0.00	23.68 -2.27 0.00	26.73 -1.95 0.00	24.79 -1.61 0.00
OLIN_CORP_DSASP 323712	9.75 -2.40 4.32	9.56 -1.67 0.54	2.74 -0.13 -1.94	3.02 -0.15 -1.99	5.97 -0.86 -0.28	17.63 -2.66 0.78	20.23 -2.84 0.00	26.74 -3.62 0.91	20.52 -2.38 0.01	17.89 -1.95 0.00	20.21 -1.98 0.00	21.85 -1.74 0.01	24.61 -1.56 0.00	25.13 -1.60 0.01	23.91 -1.56 0.00	22.71 -1.88 0.02	29.75 -2.26 0.00	40.89 -3.33 0.30	25.72 -2.40 0.00	23.00 -2.06 0.00	20.63 -2.26 0.00	23.69 -2.27 0.00	26.73 -1.95 0.00	24.79 -1.60 0.00
ONEIDA_HERK_LFGE 323681	17.51 0.04 -1.01	12.79 0.02 -1.00	1.66 0.00 -0.74	2.04 0.00 -0.86	7.07 0.00 -0.51	21.05 -0.01 0.00	23.09 0.01 0.00	31.30 0.04 0.00	23.05 0.14 0.00	19.95 0.11 0.00	22.28 0.10 0.00	23.73 0.13 0.00	26.25 0.08 0.00	26.68 -0.05 0.00	25.47 0.00 0.00	24.82 0.22 0.00	32.54 0.54 0.00	45.57 1.06 0.00	28.80 0.68 0.00	25.76 0.69 0.00	23.46 0.58 0.00	26.52 0.58 0.00	29.25 0.57 0.00	26.88 0.48 0.00
ONEIDA___115KV_TB4 55905	16.64 0.17 0.00	12.10 0.12 -0.21	2.06 0.01 -1.13	2.32 0.01 -1.14	7.38 0.06 -0.77	21.28 0.22 0.00	23.39 0.31 0.00	31.53 0.46 0.20	23.28 0.37 0.00	20.12 0.28 0.00	22.49 0.31 0.00	23.94 0.34 0.00	26.60 0.43 0.00	27.23 0.50 0.00	26.05 0.58 0.00	25.16 0.57 0.00	32.73 0.73 0.00	45.81 1.37 0.06	29.00 0.87 0.00	25.91 0.84 0.00	23.57 0.68 0.00	26.61 0.66 0.00	29.34 0.66 0.00	26.96 0.57 0.00
ONONDAGA_REF_OCCRA 23987	17.64 -0.18 -1.36	12.38 -0.13 -0.74	3.34 -0.01 -2.42	3.60 -0.01 -2.43	8.45 -0.07 -1.97	21.10 -0.21 -0.24	22.84 -0.23 0.00	30.70 -0.29 0.28	22.70 -0.21 0.00	19.69 -0.15 0.00	22.03 -0.16 0.00	23.50 -0.10 0.00	26.09 -0.08 0.00	26.69 -0.04 0.00	25.49 0.01 0.00	24.52 -0.07 0.00	32.06 0.06 0.00	44.62 0.20 0.09	28.24 0.12 0.00	25.20 0.13 0.00	22.94 0.05 0.00	25.88 -0.07 0.00	28.57 -0.10 0.00	26.29 -0.11 0.00
ONONDAGA___COGEN 23986	16.30 -0.17 0.00	12.00 -0.12 -0.36	2.80 -0.01 -1.88	3.06 -0.01 -1.90	7.77 -0.06 -1.28	20.90 -0.16 0.00	22.87 -0.21 0.00	30.97 -0.30 0.00	22.69 -0.22 0.00	19.69 -0.16 0.00	22.03 -0.16 0.00	23.49 -0.11 0.00	26.09 -0.08 0.00	26.69 -0.04 0.00	25.47 0.00 0.00	24.49 -0.10 0.00	32.06 0.06 0.00	44.68 0.17 0.00	28.20 0.08 0.00	25.17 0.10 0.00	22.91 0.03 0.00	25.86 -0.10 0.00	28.56 -0.12 0.00	26.26 -0.13 0.00
ONTARIO___LFGE 23819	9.29 -0.62 6.56	10.21 -0.45 1.12	2.25 -0.04 -1.36	2.55 -0.04 -1.42	5.67 -0.23 0.65	19.29 -0.60 1.17	22.52 -0.55 0.00	30.09 -0.58 0.59	22.50 -0.41 0.01	19.46 -0.38 0.00	21.82 -0.37 0.00	23.37 -0.23 0.00	26.06 -0.12 0.00	26.76 0.03 0.00	25.48 0.01 0.00	24.31 -0.27 0.01	32.04 0.03 0.00	44.39 0.07 0.20	28.24 0.12 0.00	25.21 0.15 0.00	22.80 -0.09 0.00	25.72 -0.23 0.00	28.51 -0.17 0.00	26.22 -0.18 0.00
ORANGEVILLE_WT_PWR 323706	8.47 -1.71 6.29	9.59 -1.27 0.91	2.98 -0.10 -2.16	3.28 -0.12 -2.23	5.87 -0.65 0.04	18.06 -1.88 1.12	21.06 -2.01 0.00	27.98 -2.52 0.76	21.26 -1.65 0.01	18.49 -1.36 0.00	20.83 -1.35 0.00	22.45 -1.15 0.00	25.30 -0.88 0.00	25.85 -0.89 0.00	24.60 -0.87 0.00	23.25 -1.33 0.01	30.61 -1.39 0.00	42.55 -1.71 0.25	26.81 -1.31 0.00	24.00 -1.07 0.00	21.48 -1.41 0.00	24.51 -1.45 0.00	27.65 -1.03 0.00	25.65 -0.75 0.00
ORANGEVILLE___ESR 323794	8.47 -1.71 6.29	9.59 -1.27 0.91	2.98 -0.10 -2.16	3.28 -0.12 -2.23	5.87 -0.65 0.04	18.06 -1.88 1.12	21.06 -2.01 0.00	27.98 -2.52 0.76	21.26 -1.65 0.01	18.49 -1.36 0.00	20.83 -1.35 0.00	22.45 -1.15 0.00	25.30 -0.88 0.00	25.85 -0.89 0.00	24.60 -0.87 0.00	23.25 -1.33 0.01	30.61 -1.39 0.00	42.55 -1.71 0.25	26.81 -1.31 0.00	24.00 -1.07 0.00	21.48 -1.41 0.00	24.51 -1.45 0.00	27.65 -1.03 0.00	25.65 -0.75 0.00
OSWEGATCHIE___HYD 24044	21.01 -0.51 -5.05	15.94 -0.36 -4.53	2.12 -0.03 -1.22	2.97 -0.03 -1.83	7.22 -0.20 -0.87	20.36 -0.71 0.00	22.38 -0.70 0.00	30.31 -0.96 0.00	22.28 -0.63 0.00	19.26 -0.58 0.00	21.46 -0.72 0.00	22.86 -0.74 0.00	25.26 -0.92 0.00	25.56 -1.18 0.00	24.33 -1.14 0.00	23.71 -0.89 0.00	31.13 -0.88 0.00	43.69 -0.82 0.00	27.65 -0.47 0.00	24.73 -0.34 0.00	22.60 -0.28 0.00	25.71 -0.23 0.00	28.44 -0.24 0.00	26.19 -0.21 0.00
OSWEGO___5 23606	16.07 -0.40 0.00	11.75 -0.28 -0.26	2.28 -0.02 -1.38	2.54 -0.03 -1.39	7.34 -0.15 -0.94	20.57 -0.49 0.00	22.49 -0.58 0.00	33.23 -0.83 -2.79	22.36 -0.57 -0.03	19.38 -0.46 0.00	21.66 -0.52 0.00	23.09 -0.51 0.00	25.63 -0.55 0.00	26.19 -0.55 0.00	24.98 -0.50 0.00	24.11 -0.53 -0.05	31.43 -0.58 -0.01	44.68 -0.76 -0.93	27.62 -0.50 0.00	24.64 -0.43 0.00	22.46 -0.42 0.00	25.38 -0.57 0.00	28.05 -0.63 0.00	25.83 -0.57 0.00

OSWEGO___6 23613	16.07 -0.40 0.00	11.75 -0.28 -0.26	2.28 -0.02 -1.38	2.54 -0.03 -1.39	7.34 -0.15 -0.94	20.57 -0.49 0.00	22.49 -0.58 0.00	33.23 -0.83 -2.79	22.36 -0.57 -0.03	19.38 -0.46 0.00	21.66 -0.52 0.00	23.09 -0.51 0.00	25.63 -0.55 0.00	26.19 -0.55 0.00	24.98 -0.50 0.00	24.11 -0.53 -0.05	31.43 -0.58 -0.01	44.68 -0.76 -0.93	27.62 -0.50 0.00	24.64 -0.43 0.00	22.46 -0.42 0.00	25.38 -0.57 0.00	28.05 -0.63 0.00	25.83 -0.57 0.00
OUTOKUMPU-AB___DRP 24206	10.08 -1.91 4.48	9.80 -1.40 0.57	2.77 -0.11 -1.95	3.06 -0.12 -2.01	6.11 -0.70 -0.25	18.15 -2.11 0.80	20.86 -2.21 0.00	27.64 -2.73 0.90	21.16 -1.74 0.01	18.47 -1.38 0.00	20.88 -1.31 0.00	22.55 -1.05 0.00	25.36 -0.81 0.00	25.90 -0.83 0.00	24.67 -0.80 0.00	23.44 -1.14 0.01	30.74 -1.26 0.00	42.30 -1.92 0.29	26.61 -1.51 0.00	23.81 -1.26 0.00	21.35 -1.54 0.00	24.41 -1.54 0.00	27.48 -1.19 0.00	25.47 -0.93 0.00
OXBOW___BTM 323836	9.91 -2.16 4.40	9.68 -1.54 0.56	2.75 -0.12 -1.95	3.04 -0.14 -2.00	6.03 -0.79 -0.26	17.89 -2.39 0.79	20.55 -2.52 0.00	27.19 -3.18 0.90	20.85 -2.05 0.01	18.18 -1.66 0.00	20.52 -1.66 0.00	22.20 -1.39 0.00	25.01 -1.16 0.00	25.53 -1.19 0.00	24.31 -1.16 0.00	23.09 -1.49 0.02	30.27 -1.73 0.00	41.63 -2.59 0.29	26.19 -1.93 0.00	23.45 -1.61 0.00	21.04 -1.85 0.00	24.11 -1.84 0.00	27.17 -1.51 0.00	25.18 -1.21 0.00
OXBOW____ 24026	9.92 -2.15 4.40	9.68 -1.53 0.56	2.75 -0.12 -1.95	3.04 -0.13 -2.00	6.04 -0.77 -0.26	17.89 -2.39 0.79	20.54 -2.52 0.00	27.20 -3.17 0.90	20.84 -2.06 0.01	18.19 -1.65 0.00	20.57 -1.61 0.00	22.22 -1.38 0.00	25.00 -1.18 0.00	25.53 -1.19 0.00	24.30 -1.17 0.00	23.09 -1.49 0.02	30.26 -1.74 0.00	41.62 -2.60 0.29	26.19 -1.93 0.00	23.45 -1.62 0.00	21.04 -1.85 0.00	24.10 -1.85 0.00	27.17 -1.51 0.00	25.18 -1.22 0.00
OXY_CHEM_DSASP 323612	9.77 -2.38 4.32	9.56 -1.67 0.54	2.74 -0.13 -1.94	3.02 -0.14 -1.99	5.98 -0.85 -0.28	17.63 -2.66 0.78	20.23 -2.84 0.00	26.74 -3.62 0.91	20.51 -2.39 0.01	17.91 -1.93 0.00	20.26 -1.93 0.00	21.86 -1.73 0.01	24.60 -1.58 0.00	25.13 -1.60 0.01	23.90 -1.57 0.00	22.70 -1.88 0.02	29.74 -2.26 0.00	40.89 -3.32 0.30	25.72 -2.40 0.00	23.00 -2.07 0.00	20.62 -2.26 0.00	23.68 -2.27 0.00	26.73 -1.95 0.00	24.79 -1.61 0.00
OZONE_PARK_ESR 323760	17.29 0.83 0.00	16.06 0.56 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.22 0.28 -13.39	22.02 0.96 0.00	24.18 1.11 0.00	32.98 1.71 0.00	24.22 1.31 0.00	21.05 1.20 0.00	23.58 1.40 0.00	25.07 1.47 0.00	27.81 1.63 0.00	28.46 1.73 0.00	27.21 1.73 0.00	26.41 1.81 0.00	34.41 2.40 0.00	47.74 3.23 0.00	30.28 2.16 0.00	26.94 1.87 0.00	24.46 1.58 0.00	27.41 1.46 0.00	30.16 1.49 0.00	27.63 1.23 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	9.77 -2.38 4.32	9.56 -1.67 0.54	2.74 -0.13 -1.94	3.02 -0.14 -1.99	5.98 -0.85 -0.28	17.63 -2.66 0.78	20.23 -2.84 0.00	26.74 -3.62 0.91	20.51 -2.39 0.01	17.91 -1.93 0.00	20.26 -1.93 0.00	21.86 -1.73 0.01	24.60 -1.58 0.00	25.13 -1.60 0.01	23.90 -1.57 0.00	22.70 -1.88 0.02	29.74 -2.26 0.00	40.89 -3.32 0.30	25.72 -2.40 0.00	23.00 -2.07 0.00	20.62 -2.26 0.00	23.68 -2.27 0.00	26.73 -1.95 0.00	24.79 -1.61 0.00
PACKARD__115KV_DUPONT_184 80571	9.77 -2.38 4.32	9.56 -1.67 0.54	2.74 -0.13 -1.94	3.02 -0.14 -1.99	5.98 -0.85 -0.28	17.63 -2.66 0.78	20.23 -2.84 0.00	26.74 -3.62 0.91	20.51 -2.39 0.01	17.91 -1.93 0.00	20.26 -1.93 0.00	21.86 -1.73 0.01	24.60 -1.58 0.00	25.13 -1.60 0.01	23.90 -1.57 0.00	22.70 -1.88 0.02	29.74 -2.26 0.00	40.89 -3.32 0.30	25.72 -2.40 0.00	23.00 -2.07 0.00	20.62 -2.26 0.00	23.68 -2.27 0.00	26.73 -1.95 0.00	24.79 -1.61 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	17.15 0.68 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.86 0.80 0.00	24.00 0.93 0.00	32.70 1.43 0.00	24.02 1.11 0.00	20.84 0.99 -0.01	23.37 1.18 0.00	24.85 1.25 0.00	27.59 1.41 0.00	28.20 1.46 -0.01	26.94 1.46 -0.01	26.14 1.54 -0.01	34.06 2.05 -0.01	47.19 2.68 0.00	29.99 1.87 0.00	26.70 1.63 0.00	24.24 1.35 0.00	27.10 1.15 0.00	29.88 1.20 0.00	27.38 0.98 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	17.18 0.71 0.00	16.00 0.51 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.20 0.25 -13.39	21.94 0.88 0.00	24.08 1.01 0.00	32.79 1.53 0.00	24.03 1.12 0.00	20.85 1.00 -0.01	23.43 1.24 0.00	24.99 1.39 0.00	27.71 1.53 0.00	28.30 1.57 -0.01	26.98 1.50 -0.01	26.22 1.61 -0.01	34.18 2.17 -0.01	47.32 2.81 0.00	30.09 1.96 0.00	26.75 1.68 0.00	24.27 1.39 0.00	27.11 1.16 0.00	29.91 1.23 0.00	27.42 1.02 0.00
PATROON__115KV_TB1 80586	17.00 0.53 0.00	16.68 0.38 -4.53	24.95 0.02 -24.01	25.44 0.03 -24.23	23.03 0.18 -16.30	21.60 0.54 0.00	23.55 0.48 0.00	31.99 0.72 0.00	23.45 0.54 0.00	20.30 0.46 0.00	22.63 0.45 0.00	24.07 0.47 0.00	26.62 0.44 0.00	27.26 0.53 0.00	25.92 0.45 0.00	25.06 0.46 0.00	32.96 0.96 0.00	46.16 1.65 0.00	29.06 0.94 0.00	25.87 0.81 0.00	23.57 0.69 0.00	26.51 0.56 0.00	29.19 0.51 0.00	26.83 0.43 0.00
PATTRSNVILLE__SOLAR 323815	17.03 0.56 0.00	16.93 0.40 -4.76	26.15 0.03 -25.20	26.65 0.04 -25.44	23.88 0.22 -17.11	21.77 0.71 0.00	23.93 0.86 0.00	32.51 1.24 0.00	23.51 0.60 0.00	20.22 0.38 0.00	22.52 0.34 0.00	24.08 0.48 0.00	26.84 0.67 0.00	27.45 0.72 0.00	26.16 0.69 0.00	25.17 0.57 0.00	32.99 0.99 0.00	46.29 1.78 0.00	29.43 1.31 0.00	26.24 1.18 0.00	23.93 1.05 0.00	27.02 1.07 0.00	29.78 1.10 0.00	27.36 0.96 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	10.15 -1.21 5.10	10.11 -0.97 0.68	2.92 -0.07 -2.07	3.22 -0.08 -2.12	6.26 -0.48 -0.18	18.74 -1.42 0.90	21.62 -1.45 0.00	28.63 -1.79 0.85	21.86 -1.05 0.01	19.08 -0.77 0.00	21.56 -0.62 0.00	23.49 -0.15 -0.05	26.40 0.21 -0.01	26.97 0.19 -0.05	25.41 -0.07 0.00	24.15 -0.43 0.01	31.67 -0.33 0.00	43.68 -0.55 0.28	27.49 -0.64 0.00	24.57 -0.50 0.00	22.08 -0.81 0.00	25.18 -0.77 0.00	28.23 -0.45 0.00	26.16 -0.24 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	17.21 0.74 0.00	16.02 0.50 -3.74	20.79 0.04 -19.83	21.23 0.05 -20.02	20.26 0.25 -13.46	21.93 0.87 0.00	24.10 1.02 0.00	32.85 1.58 0.00	24.07 1.16 0.00	20.89 1.05 0.00	23.40 1.21 0.00	24.86 1.26 0.00	27.53 1.35 0.00	28.18 1.44 0.00	26.92 1.45 0.00	26.12 1.52 0.00	34.08 2.08 0.00	47.37 2.86 0.00	30.07 1.95 0.00	26.77 1.70 0.00	24.31 1.42 0.00	27.24 1.29 0.00	29.99 1.31 0.00	27.46 1.07 0.00
PEEKSKILL____ 23653	17.02 0.55 0.00	15.78 0.37 -3.64	20.21 0.02 -19.26	20.65 0.03 -19.45	19.81 0.18 -13.08	21.70 0.64 0.00	23.82 0.75 0.00	32.47 1.20 0.00	23.78 0.87 0.00	20.63 0.79 0.00	23.09 0.91 0.00	24.54 0.94 0.00	27.22 1.04 0.00	27.85 1.12 0.00	26.60 1.12 0.00	25.81 1.21 0.00	33.65 1.65 0.00	46.70 2.19 0.00	29.63 1.51 0.00	26.38 1.31 0.00	23.95 1.07 0.00	26.86 0.91 0.00	29.61 0.93 0.00	27.15 0.76 0.00

PGE MADISON___WINDPWR 24146	26.74 0.53 -9.74	15.68 0.29 -3.62	9.34 0.04 -8.38	9.61 0.04 -8.39	14.84 0.26 -8.03	23.69 0.88 -1.74	24.36 1.28 0.00	33.10 2.05 0.22	24.26 1.35 0.00	20.71 0.87 0.00	23.04 0.86 0.00	24.67 1.07 0.00	27.38 1.21 0.00	28.03 1.30 0.00	26.93 1.46 0.00	25.99 1.40 0.00	34.27 2.27 0.00	48.06 3.62 0.07	30.40 2.28 0.00	27.27 2.20 0.00	24.90 2.01 0.00	27.97 2.02 0.00	30.78 2.10 0.00	28.00 1.60 0.00
PIERCEFIELD___HYD 23852	23.30 -0.60 -7.43	17.87 -0.43 -6.53	1.92 -0.03 -1.02	3.05 -0.04 -1.91	7.09 -0.22 -0.76	20.33 -0.73 0.00	22.41 -0.66 0.00	30.25 -1.02 0.00	22.12 -0.79 0.00	19.06 -0.79 0.00	21.26 -0.92 0.00	22.57 -1.03 0.00	24.98 -1.19 0.00	25.33 -1.40 0.00	24.07 -1.41 0.00	23.33 -1.26 0.00	30.26 -1.74 0.00	42.34 -2.17 0.00	26.83 -1.30 0.00	23.93 -1.14 0.00	21.95 -0.94 0.00	25.14 -0.81 0.00	27.87 -0.81 0.00	25.74 -0.66 0.00
PINELAWN_CC_1 323563	17.39 0.93 0.00	16.10 0.61 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.26 0.33 -13.39	22.15 1.08 0.00	24.34 1.27 0.00	33.13 1.87 0.00	24.21 1.30 0.00	20.92 1.08 0.00	23.55 1.36 0.00	24.96 1.36 0.00	27.63 1.46 0.00	28.36 1.63 0.00	27.07 1.60 0.00	26.25 1.65 0.00	34.28 2.27 0.00	47.38 2.86 0.00	30.20 2.08 0.00	26.82 1.75 0.00	24.37 1.49 0.00	27.21 1.26 0.00	30.14 1.46 0.00	27.56 1.17 0.00
PJM_GEN_HTP_PROXY 323702	17.13 0.67 0.00	15.95 0.46 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.22 -13.39	21.83 0.77 0.00	23.95 0.88 0.00	34.82 1.39 -2.16	24.03 1.06 -0.06	20.83 0.99 0.00	24.10 1.18 -0.74	24.80 1.21 0.00	27.51 1.33 0.00	28.16 1.43 0.00	26.90 1.42 0.00	26.11 1.51 0.00	34.02 2.01 0.00	47.18 2.67 0.00	29.96 1.84 0.00	22.65 1.57 3.98	22.21 1.30 1.98	30.51 1.13 -3.42	29.83 1.15 0.00	27.33 0.94 0.00
PJM_GEN_KEystone 24065	13.59 -0.38 2.50	13.08 -0.30 -1.61	12.20 -0.03 -11.30	12.57 -0.03 -11.42	13.46 -0.17 -7.07	20.18 -0.44 0.45	22.65 -0.42 0.00	32.66 -0.36 -1.76	22.74 -0.23 -0.06	19.71 -0.13 0.00	22.89 -0.06 -0.77	23.66 0.06 0.00	26.39 0.22 0.00	26.98 0.24 0.00	25.76 0.29 0.00	24.82 0.23 0.01	32.43 0.43 0.00	44.87 0.49 0.13	28.39 0.26 0.00	21.31 0.23 3.98	20.91 0.00 1.98	29.21 -0.16 -3.42	28.60 -0.08 0.00	26.32 -0.07 0.00
PJM_GEN_NEPTUNE_PROXY 323594	17.23 0.76 0.00	16.00 0.51 -3.72	20.68 0.04 -19.72	21.12 0.04 -19.91	20.20 0.26 -13.39	21.94 0.87 0.00	24.09 1.02 0.00	34.95 1.52 -2.16	24.05 1.08 -0.06	20.77 0.93 0.00	24.11 1.19 -0.74	24.81 1.21 0.00	27.47 1.29 0.00	28.15 1.42 0.00	26.87 1.40 0.00	26.04 1.45 0.00	33.95 1.95 0.00	46.94 2.44 0.00	29.89 1.77 0.00	22.56 1.48 3.98	22.15 1.25 1.98	30.40 1.02 -3.42	29.86 1.18 0.00	27.33 0.93 0.00
PJM_GEN_VFT_PROXY 323633	17.10 0.63 0.00	15.92 0.43 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.15 0.21 -13.39	21.79 0.73 0.00	23.91 0.84 0.00	34.74 1.31 -2.16	23.98 1.01 -0.06	20.78 0.93 0.00	24.04 1.12 -0.74	24.75 1.16 0.00	27.46 1.28 0.00	28.08 1.35 0.00	26.84 1.37 0.00	26.04 1.45 0.00	33.88 1.88 0.00	46.97 2.46 0.00	29.83 1.71 0.00	22.55 1.47 3.98	22.12 1.22 1.98	30.42 1.04 -3.42	29.74 1.07 0.00	27.29 0.90 0.00
PLATSBURG_115KV_PMLD1 355749	-21.23 -0.53 37.16	-21.23 -0.37 32.63	-4.17 0.00 5.09	-8.41 -0.03 9.55	2.57 -0.18 3.80	20.52 -0.55 0.00	22.75 -0.32 0.00	30.70 -0.57 0.00	22.43 -0.48 0.00	19.32 -0.52 0.00	21.49 -0.69 0.00	22.49 -1.11 0.00	24.86 -1.32 0.00	25.59 -1.14 0.00	24.54 -0.93 0.00	23.78 -0.82 0.00	30.79 -1.21 0.00	43.18 -1.34 0.00	27.72 -0.40 0.00	24.75 -0.32 0.00	22.51 -0.37 0.00	25.73 -0.22 0.00	28.45 -0.22 0.00	26.18 -0.21 0.00
PLEASANTVLY___LBMP 24000	17.06 0.59 0.00	16.03 0.40 -3.86	21.40 0.03 -20.45	21.85 0.03 -20.64	20.63 0.19 -13.88	21.73 0.67 0.00	23.84 0.76 0.00	32.46 1.19 0.00	23.78 0.87 0.00	20.63 0.79 0.00	23.08 0.90 0.00	24.52 0.92 0.00	27.17 1.00 0.00	27.80 1.07 0.00	26.51 1.04 0.00	25.71 1.11 0.00	33.60 1.60 0.00	46.69 2.18 0.00	29.59 1.46 0.00	26.34 1.27 0.00	23.94 1.06 0.00	26.86 0.91 0.00	29.61 0.93 0.00	27.15 0.75 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	17.13 0.66 0.00	15.96 0.45 -3.74	20.79 0.03 -19.83	21.23 0.04 -20.02	20.24 0.22 -13.46	21.82 0.76 0.00	23.94 0.87 0.00	32.63 1.36 0.00	23.94 1.02 0.00	20.79 0.94 0.00	23.26 1.08 0.00	24.73 1.13 0.00	27.41 1.24 0.00	28.04 1.30 0.00	26.83 1.35 0.00	25.99 1.39 0.00	33.89 1.88 0.00	47.04 2.53 0.00	29.83 1.71 0.00	26.56 1.49 0.00	24.12 1.24 0.00	27.04 1.09 0.00	29.80 1.12 0.00	27.31 0.91 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.13 0.66 0.00	15.96 0.45 -3.74	20.79 0.03 -19.83	21.23 0.04 -20.02	20.24 0.22 -13.46	21.82 0.76 0.00	23.94 0.87 0.00	32.63 1.36 0.00	23.94 1.02 0.00	20.79 0.94 0.00	23.26 1.08 0.00	24.73 1.13 0.00	27.41 1.24 0.00	28.04 1.30 0.00	26.83 1.35 0.00	25.99 1.39 0.00	33.89 1.88 0.00	47.04 2.53 0.00	29.83 1.71 0.00	26.56 1.49 0.00	24.12 1.24 0.00	27.04 1.09 0.00	29.80 1.12 0.00	27.31 0.91 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	17.15 0.69 0.00	16.02 0.46 -3.78	20.99 0.03 -20.04	21.44 0.04 -20.23	20.38 0.23 -13.60	21.86 0.80 0.00	24.00 0.93 0.00	32.70 1.43 0.00	23.94 1.03 0.00	20.77 0.93 0.00	23.23 1.05 0.00	24.68 1.09 0.00	27.31 1.13 0.00	27.95 1.21 0.00	26.70 1.22 0.00	25.89 1.29 0.00	33.85 1.84 0.00	47.08 2.57 0.00	29.85 1.73 0.00	26.57 1.51 0.00	24.15 1.27 0.00	27.08 1.13 0.00	29.82 1.14 0.00	27.33 0.93 0.00
POLETTI___ 23519	17.13 0.66 0.00	15.96 0.46 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.22 -13.39	21.82 0.76 0.00	23.94 0.86 0.00	32.62 1.36 0.00	23.96 1.04 0.00	20.83 0.99 0.00	23.36 1.18 0.00	24.81 1.21 0.00	27.51 1.34 0.00	28.16 1.43 0.00	26.89 1.42 0.00	26.11 1.51 0.00	34.00 1.99 0.00	47.14 2.63 0.00	29.94 1.81 0.00	26.63 1.56 0.00	24.18 1.30 0.00	27.08 1.13 0.00	29.82 1.14 0.00	27.33 0.93 0.00
POMONA___ESR 323819	17.01 0.54 0.00	15.69 0.37 -3.55	19.75 0.02 -18.80	20.18 0.03 -18.97	19.49 0.18 -12.76	21.70 0.64 0.00	23.83 0.76 0.00	32.47 1.21 0.00	23.78 0.86 0.00	20.62 0.79 0.00	23.09 0.90 0.00	24.54 0.94 0.00	27.22 1.05 0.00	27.87 1.14 0.00	26.62 1.14 0.00	25.82 1.22 0.00	33.65 1.65 0.00	46.71 2.20 0.00	29.64 1.52 0.00	26.38 1.31 0.00	23.95 1.07 0.00	26.85 0.90 0.00	29.62 0.93 0.00	27.16 0.76 0.00
PORT_JEFF_3 23555	17.41 0.95 0.00	16.11 0.62 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.27 0.33 -13.39	22.19 1.12 0.00	24.36 1.29 0.00	33.07 1.81 0.00	24.19 1.27 0.00	20.90 1.05 0.00	23.52 1.34 0.00	24.89 1.29 0.00	27.53 1.35 0.00	28.25 1.52 0.00	26.99 1.51 0.00	26.19 1.60 0.00	34.21 2.20 0.00	47.03 2.52 0.00	30.00 1.88 0.00	26.61 1.54 0.00	24.18 1.29 0.00	26.93 0.98 0.00	30.00 1.32 0.00	27.41 1.01 0.00

PORT_JEFF_4 23616	17.41 0.95 0.00	16.11 0.62 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.27 0.33 -13.39	22.19 1.12 0.00	24.36 1.29 0.00	33.07 1.81 0.00	24.19 1.27 0.00	20.90 1.05 0.00	23.52 1.34 0.00	24.89 1.29 0.00	27.53 1.35 0.00	28.25 1.52 0.00	26.99 1.51 0.00	26.19 1.60 0.00	34.21 2.20 0.00	47.03 2.52 0.00	30.00 1.88 0.00	26.61 1.54 0.00	24.18 1.29 0.00	26.93 0.98 0.00	30.00 1.32 0.00	27.41 1.01 0.00
PORT_JEFF_IC 23713	17.41 0.95 0.00	16.11 0.62 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.27 0.33 -13.39	22.19 1.13 0.00	24.36 1.29 0.00	33.07 1.80 0.00	24.19 1.28 0.00	20.90 1.05 0.00	23.50 1.32 0.00	24.88 1.28 0.00	27.52 1.35 0.00	28.25 1.52 0.00	26.99 1.52 0.00	26.20 1.60 0.00	34.21 2.20 0.00	46.92 2.41 0.00	29.93 1.81 0.00	26.55 1.48 0.00	24.12 1.23 0.00	26.86 0.91 0.00	30.01 1.33 0.00	27.41 1.01 0.00
PPL_PILGRIM_ST_GT1 24216	17.48 1.01 0.00	16.16 0.67 -3.72	20.69 0.05 -19.72	21.14 0.06 -19.91	20.30 0.36 -13.39	22.25 1.19 0.00	24.45 1.38 0.00	33.25 1.98 0.00	24.30 1.38 0.00	21.00 1.15 0.00	23.65 1.47 0.00	25.06 1.46 0.00	27.74 1.56 0.00	28.45 1.72 0.00	27.15 1.68 0.00	26.32 1.72 0.00	34.41 2.41 0.00	47.48 2.97 0.00	30.32 2.20 0.00	26.91 1.84 0.00	24.46 1.57 0.00	27.25 1.30 0.00	30.23 1.55 0.00	27.63 1.24 0.00
PPL_PILGRIM_ST_GT2 24217	17.48 1.01 0.00	16.16 0.67 -3.72	20.69 0.05 -19.72	21.14 0.06 -19.91	20.30 0.36 -13.39	22.25 1.19 0.00	24.45 1.38 0.00	33.25 1.98 0.00	24.30 1.38 0.00	21.00 1.15 0.00	23.65 1.47 0.00	25.06 1.46 0.00	27.74 1.56 0.00	28.45 1.72 0.00	27.15 1.68 0.00	26.32 1.72 0.00	34.41 2.41 0.00	47.48 2.97 0.00	30.32 2.20 0.00	26.91 1.84 0.00	24.46 1.57 0.00	27.25 1.30 0.00	30.23 1.55 0.00	27.63 1.24 0.00
PPL_SHRM_GT3 24213	17.27 0.80 0.00	16.00 0.51 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.21 0.27 -13.39	22.05 0.99 0.00	24.13 1.05 0.00	32.62 1.35 0.00	23.85 0.94 0.00	20.59 0.75 0.00	23.14 0.96 0.00	24.47 0.87 0.00	27.00 0.83 0.00	27.75 1.02 0.00	26.52 1.05 0.00	25.78 1.18 0.00	33.68 1.68 0.00	46.51 2.01 0.00	29.64 1.52 0.00	26.33 1.26 0.00	23.92 1.04 0.00	26.61 0.66 0.00	29.53 0.85 0.00	26.99 0.60 0.00
PPL_SHRM_GT4 24214	17.27 0.80 0.00	16.00 0.51 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.21 0.27 -13.39	22.05 0.99 0.00	24.13 1.05 0.00	32.62 1.35 0.00	23.85 0.94 0.00	20.59 0.75 0.00	23.14 0.96 0.00	24.47 0.87 0.00	27.00 0.83 0.00	27.75 1.02 0.00	26.52 1.05 0.00	25.78 1.18 0.00	33.68 1.68 0.00	46.51 2.01 0.00	29.64 1.52 0.00	26.33 1.26 0.00	23.92 1.04 0.00	26.61 0.66 0.00	29.53 0.85 0.00	26.99 0.60 0.00
PROJECT___ORANGE 1 24174	16.20 -0.27 0.00	11.90 -0.20 -0.32	2.63 -0.02 -1.72	2.89 -0.02 -1.74	7.62 -0.10 -1.17	20.74 -0.32 0.00	22.71 -0.36 0.00	30.39 -0.49 0.39	22.58 -0.33 0.00	19.60 -0.24 0.00	21.94 -0.25 0.00	23.40 -0.20 0.00	25.98 -0.20 0.00	26.56 -0.17 0.00	25.35 -0.12 0.00	24.40 -0.18 0.01	31.90 -0.10 0.00	44.29 -0.09 0.13	28.05 -0.07 0.00	25.03 -0.04 0.00	22.78 -0.10 0.00	25.71 -0.24 0.00	28.40 -0.28 0.00	26.14 -0.25 0.00
PROJECT___ORANGE 2 24166	16.20 -0.27 0.00	11.90 -0.20 -0.32	2.63 -0.02 -1.72	2.89 -0.02 -1.74	7.62 -0.10 -1.17	20.74 -0.32 0.00	22.71 -0.36 0.00	30.39 -0.49 0.39	22.58 -0.33 0.00	19.60 -0.24 0.00	21.94 -0.25 0.00	23.40 -0.20 0.00	25.98 -0.20 0.00	26.56 -0.17 0.00	25.35 -0.12 0.00	24.40 -0.18 0.01	31.90 -0.10 0.00	44.29 -0.09 0.13	28.05 -0.07 0.00	25.03 -0.04 0.00	22.78 -0.10 0.00	25.71 -0.24 0.00	28.40 -0.28 0.00	26.14 -0.25 0.00
PUCKETT___SOLAR 323809	16.41 -0.06 -0.01	12.91 -0.09 -1.24	7.47 0.00 -6.54	7.77 -0.01 -6.61	10.98 -0.02 -4.45	21.07 0.00 0.00	23.17 0.10 0.00	31.38 0.35 0.23	23.05 0.15 0.00	19.88 0.04 0.00	22.22 0.04 0.00	23.77 0.17 0.00	26.42 0.24 0.00	26.98 0.25 0.00	25.85 0.37 0.00	24.96 0.36 0.00	32.69 0.69 0.00	45.53 1.10 0.08	28.82 0.70 0.00	25.75 0.68 0.00	23.43 0.54 0.00	26.41 0.46 0.00	29.18 0.50 0.00	26.74 0.34 0.00
PYRITES___HYD 24023	22.88 -0.14 -6.55	17.42 -0.10 -5.75	1.82 0.00 -0.90	2.85 -0.01 -1.68	7.19 -0.03 -0.67	20.94 -0.12 0.00	23.13 0.06 0.00	31.18 -0.08 0.00	22.69 -0.22 0.00	19.45 -0.39 0.00	21.75 -0.44 0.00	23.18 -0.42 0.00	25.67 -0.51 0.00	26.03 -0.71 0.00	24.67 -0.80 0.00	23.90 -0.70 0.00	30.93 -1.07 0.00	43.42 -1.09 0.00	27.50 -0.62 0.00	24.56 -0.50 0.00	22.56 -0.33 0.00	25.85 -0.10 0.00	28.63 -0.05 0.00	26.42 0.03 0.00
QUAKERRD_115KV_BK1 80622	12.14 -1.32 3.01	10.49 -0.94 0.33	2.43 -0.08 -1.58	2.71 -0.09 -1.62	6.41 -0.49 -0.35	19.02 -1.51 0.54	21.47 -1.60 0.00	28.28 -1.97 1.02	21.56 -1.34 0.01	18.71 -1.13 0.00	21.04 -1.15 0.00	22.58 -1.02 0.00	25.19 -0.99 0.00	25.72 -1.01 0.00	24.56 -0.92 0.00	23.54 -1.04 0.02	30.82 -1.18 0.00	42.45 -1.72 0.34	26.91 -1.21 0.00	24.02 -1.05 0.00	21.74 -1.14 0.00	24.67 -1.29 0.00	27.38 -1.30 0.00	25.24 -1.15 0.00
QUENSBRY_115KV_TB8 356137	17.56 1.09 0.00	17.16 0.77 -4.62	25.48 0.06 -24.50	25.98 0.08 -24.73	23.63 0.44 -16.63	22.54 1.48 0.00	24.94 1.86 0.00	33.94 2.68 0.00	24.62 1.71 0.00	21.21 1.37 0.00	23.41 1.22 0.00	24.87 1.27 0.00	27.66 1.48 0.00	28.32 1.59 0.00	26.88 1.41 0.00	26.17 1.57 0.00	34.51 2.51 0.00	48.05 3.54 0.00	30.53 2.41 0.00	27.24 2.17 0.00	24.92 2.04 0.00	28.05 2.10 0.00	30.87 2.19 0.00	28.32 1.92 0.00
RAMAPO___LBMP 323565	16.95 0.49 0.00	15.63 0.33 -3.53	19.65 0.02 -18.70	20.08 0.03 -18.88	19.41 0.16 -12.70	21.63 0.56 0.00	23.74 0.67 0.00	32.37 1.11 0.00	23.69 0.78 0.00	20.55 0.71 0.00	22.99 0.80 0.00	24.43 0.83 0.00	27.12 0.94 0.00	27.75 1.01 0.00	26.50 1.03 0.00	25.71 1.11 0.00	33.50 1.50 0.00	46.50 1.99 0.00	29.50 1.38 0.00	26.25 1.19 0.00	23.84 0.96 0.00	26.74 0.79 0.00	29.50 0.82 0.00	27.06 0.67 0.00
RANKINE____ 23646	9.86 -1.64 4.97	9.87 -1.24 0.66	2.86 -0.09 -2.03	3.15 -0.11 -2.09	6.12 -0.62 -0.19	18.33 -1.85 0.88	21.14 -1.93 0.00	28.02 -2.38 0.86	21.41 -1.50 0.01	18.68 -1.16 0.00	21.12 -1.07 0.00	22.76 -0.84 0.00	25.60 -0.58 0.00	26.17 -0.57 0.00	24.94 -0.54 0.00	23.67 -0.91 0.01	31.05 -0.95 0.00	42.83 -1.40 0.28	26.94 -1.18 0.00	24.11 -0.96 0.00	21.63 -1.26 0.00	24.71 -1.24 0.00	27.76 -0.92 0.00	25.73 -0.67 0.00
RAVENSWOOD_GT2_1 24244	17.16 0.70 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.23 -13.39	21.87 0.80 0.00	24.00 0.92 0.00	32.70 1.43 0.00	24.01 1.10 0.00	20.87 1.03 0.00	23.39 1.20 0.00	24.84 1.25 0.00	27.55 1.38 0.00	28.21 1.48 0.00	26.94 1.46 0.00	26.14 1.54 0.00	34.06 2.05 0.00	47.23 2.72 0.00	29.99 1.87 0.00	26.67 1.60 0.00	24.22 1.34 0.00	27.13 1.18 0.00	29.88 1.20 0.00	27.38 0.98 0.00



RAVENSWOOD_GT2_2 24245	17.16 0.70 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.23 -13.39	21.87 0.80 0.00	24.00 0.92 0.00	32.70 1.43 0.00	24.01 1.10 0.00	20.87 1.03 0.00	23.39 1.20 0.00	24.84 1.25 0.00	27.55 1.38 0.00	28.21 1.48 0.00	26.94 1.46 0.00	26.14 1.54 0.00	34.06 2.05 0.00	47.23 2.72 0.00	29.99 1.87 0.00	26.67 1.60 0.00	24.22 1.34 0.00	27.13 1.18 0.00	29.88 1.20 0.00	27.38 0.98 0.00
RAVENSWOOD_GT2_3 24246	17.17 0.70 0.00	15.98 0.48 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.87 0.81 0.00	24.01 0.93 0.00	32.72 1.45 0.00	24.02 1.11 0.00	20.88 1.03 0.00	23.40 1.21 0.00	24.85 1.26 0.00	27.57 1.39 0.00	28.22 1.49 0.00	26.95 1.48 0.00	26.15 1.56 0.00	34.08 2.07 0.00	47.26 2.75 0.00	30.00 1.88 0.00	26.68 1.62 0.00	24.23 1.34 0.00	27.13 1.19 0.00	29.89 1.21 0.00	27.39 0.99 0.00
RAVENSWOOD_GT2_4 24247	17.17 0.70 0.00	15.98 0.48 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.87 0.81 0.00	24.01 0.93 0.00	32.72 1.45 0.00	24.02 1.11 0.00	20.88 1.03 0.00	23.40 1.21 0.00	24.85 1.26 0.00	27.57 1.39 0.00	28.22 1.49 0.00	26.95 1.48 0.00	26.15 1.56 0.00	34.08 2.07 0.00	47.26 2.75 0.00	30.00 1.88 0.00	26.68 1.62 0.00	24.23 1.34 0.00	27.13 1.19 0.00	29.89 1.21 0.00	27.39 0.99 0.00
RAVENSWOOD_GT3_1 24248	17.16 0.70 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.23 -13.39	21.87 0.80 0.00	24.00 0.92 0.00	32.70 1.44 0.00	24.01 1.10 0.00	20.87 1.03 0.00	23.39 1.20 0.00	24.84 1.25 0.00	27.55 1.38 0.00	28.21 1.48 0.00	26.94 1.46 0.00	26.14 1.54 0.00	34.06 2.05 0.00	47.23 2.72 0.00	29.99 1.87 0.00	26.67 1.60 0.00	24.22 1.34 0.00	27.13 1.18 0.00	29.88 1.20 0.00	27.38 0.98 0.00
RAVENSWOOD_GT3_2 24249	17.16 0.70 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.23 -13.39	21.87 0.80 0.00	24.00 0.92 0.00	32.70 1.44 0.00	24.01 1.10 0.00	20.87 1.03 0.00	23.39 1.20 0.00	24.84 1.25 0.00	27.55 1.38 0.00	28.21 1.48 0.00	26.94 1.46 0.00	26.14 1.54 0.00	34.06 2.05 0.00	47.23 2.72 0.00	29.99 1.87 0.00	26.67 1.60 0.00	24.22 1.34 0.00	27.13 1.18 0.00	29.88 1.20 0.00	27.38 0.98 0.00
RAVENSWOOD_GT3_3 24250	17.18 0.72 0.00	15.99 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.89 0.83 0.00	24.03 0.95 0.00	32.75 1.49 0.00	24.05 1.13 0.00	20.90 1.06 0.00	23.42 1.24 0.00	24.89 1.29 0.00	27.60 1.42 0.00	28.26 1.53 0.00	26.99 1.51 0.00	26.19 1.59 0.00	34.12 2.12 0.00	47.32 2.81 0.00	30.04 1.91 0.00	26.71 1.65 0.00	24.26 1.38 0.00	27.17 1.22 0.00	29.92 1.24 0.00	27.42 1.02 0.00
RAVENSWOOD_GT3_4 24251	17.18 0.72 0.00	15.99 0.49 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.24 -13.39	21.89 0.83 0.00	24.03 0.95 0.00	32.75 1.49 0.00	24.05 1.13 0.00	20.90 1.06 0.00	23.42 1.24 0.00	24.89 1.29 0.00	27.60 1.42 0.00	28.26 1.53 0.00	26.99 1.51 0.00	26.19 1.59 0.00	34.12 2.12 0.00	47.32 2.81 0.00	30.04 1.91 0.00	26.71 1.65 0.00	24.26 1.38 0.00	27.17 1.22 0.00	29.92 1.24 0.00	27.42 1.02 0.00
RAVENSWOOD_GT_1 23729	17.21 0.75 0.00	16.01 0.51 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.20 0.25 -13.39	21.93 0.87 0.00	24.07 1.00 0.00	32.81 1.54 0.00	24.11 1.20 0.00	20.98 1.12 -0.01	23.49 1.30 0.00	25.16 1.35 -0.21	28.84 1.52 -1.15	30.51 1.61 -2.17	28.58 1.59 -1.51	28.84 1.67 -2.58	35.78 2.21 -1.56	47.43 2.92 0.00	31.92 2.01 -1.79	29.37 1.72 -2.59	27.42 1.43 -3.11	29.85 1.26 -2.63	31.93 1.29 -1.96	29.08 1.06 -1.63
RAVENSWOOD_GT_10 24258	17.16 0.70 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.18 0.23 -13.39	21.86 0.80 0.00	24.00 0.92 0.00	32.70 1.43 0.00	24.01 1.09 0.00	20.86 1.02 0.00	23.38 1.20 0.00	24.87 1.25 -0.03	27.68 1.37 -0.13	28.46 1.47 -0.25	27.11 1.46 -0.17	26.43 1.54 -0.30	34.23 2.05 -0.18	47.23 2.72 0.00	30.19 1.87 -0.21	26.96 1.60 -0.30	24.58 1.33 -0.36	27.43 1.18 -0.30	30.10 1.20 -0.23	27.57 0.98 -0.19
RAVENSWOOD_GT_11 24259	17.16 0.70 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.18 0.23 -13.39	21.86 0.80 0.00	24.00 0.92 0.00	32.70 1.43 0.00	24.01 1.09 0.00	20.86 1.02 0.00	23.38 1.20 0.00	24.87 1.25 -0.03	27.68 1.37 -0.13	28.46 1.47 -0.25	27.11 1.46 -0.17	26.43 1.54 -0.30	34.23 2.05 -0.18	47.23 2.72 0.00	30.19 1.87 -0.21	26.96 1.60 -0.30	24.58 1.33 -0.36	27.43 1.18 -0.30	30.10 1.20 -0.23	27.57 0.98 -0.19
RAVENSWOOD_GT_4 24252	17.16 0.69 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.18 0.23 -13.39	21.85 0.79 0.00	23.99 0.92 0.00	32.69 1.43 0.00	24.00 1.09 0.00	20.85 1.01 0.00	23.37 1.19 0.00	24.99 1.23 -0.16	28.41 1.36 -0.87	29.83 1.46 -1.64	28.06 1.45 -1.14	28.08 1.53 -1.95	35.22 2.03 -1.18	47.21 2.70 0.00	31.33 1.85 -1.36	28.63 1.59 -1.97	26.58 1.33 -2.36	29.12 1.17 -2.00	31.36 1.19 -1.49	28.61 0.98 -1.24
RAVENSWOOD_GT_5 24254	17.16 0.69 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.18 0.23 -13.39	21.85 0.79 0.00	23.99 0.92 0.00	32.69 1.43 0.00	24.00 1.09 0.00	20.85 1.01 0.00	23.37 1.19 0.00	24.99 1.23 -0.16	28.41 1.36 -0.87	29.83 1.46 -1.64	28.06 1.45 -1.14	28.08 1.53 -1.95	35.22 2.03 -1.18	47.21 2.70 0.00	31.33 1.85 -1.36	28.63 1.59 -1.97	26.58 1.33 -2.36	29.12 1.17 -2.00	31.36 1.19 -1.49	28.61 0.98 -1.24
RAVENSWOOD_GT_6 24253	17.16 0.69 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.18 0.23 -13.39	21.85 0.79 0.00	23.99 0.92 0.00	32.69 1.43 0.00	24.00 1.09 0.00	20.85 1.01 0.00	23.37 1.19 0.00	24.99 1.23 -0.16	28.41 1.36 -0.87	29.83 1.46 -1.64	28.06 1.45 -1.14	28.08 1.53 -1.95	35.22 2.03 -1.18	47.21 2.70 0.00	31.33 1.85 -1.36	28.63 1.59 -1.97	26.58 1.33 -2.36	29.12 1.17 -2.00	31.36 1.19 -1.49	28.61 0.98 -1.24
RAVENSWOOD_GT_7 24255	17.16 0.69 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.18 0.23 -13.39	21.85 0.79 0.00	23.99 0.92 0.00	32.69 1.43 0.00	24.00 1.09 0.00	20.85 1.01 0.00	23.37 1.19 0.00	24.99 1.23 -0.16	28.41 1.36 -0.87	29.83 1.46 -1.64	28.06 1.45 -1.14	28.08 1.53 -1.95	35.22 2.03 -1.18	47.21 2.70 0.00	31.33 1.85 -1.36	28.63 1.59 -1.97	26.58 1.33 -2.36	29.12 1.17 -2.00	31.36 1.19 -1.49	28.61 0.98 -1.24
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	17.16 0.70 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.18 0.23 -13.39	21.86 0.80 0.00	24.00 0.92 0.00	32.70 1.43 0.00	24.01 1.09 0.00	20.86 1.02 0.00	23.38 1.20 0.00	24.87 1.25 -0.03	27.68 1.37 -0.13	28.46 1.47 -0.25	27.11 1.46 -0.17	26.43 1.54 -0.30	34.23 2.05 -0.18	47.23 2.72 0.00	30.19 1.87 -0.21	26.96 1.60 -0.30	24.58 1.33 -0.36	27.43 1.18 -0.30	30.10 1.20 -0.23	27.57 0.98 -0.19

RAVENSWOOD_GT_9 24257	17.16 0.70 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.18 0.23 -13.39	21.86 0.80 0.00	24.00 0.92 0.00	32.70 1.43 0.00	24.01 1.09 0.00	20.86 1.02 0.00	23.38 1.20 0.00	24.87 1.25 -0.03	27.68 1.37 -0.13	28.46 1.47 -0.25	27.11 1.46 -0.17	26.43 1.54 -0.30	34.23 2.05 -0.18	47.23 2.72 0.00	30.19 1.87 -0.21	26.96 1.60 -0.30	24.58 1.33 -0.36	27.43 1.18 -0.30	30.10 1.20 -0.23	27.57 0.98 -0.19
RAVENSWOOD___1 23533	17.20 0.73 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.91 0.84 0.00	24.04 0.97 0.00	32.76 1.50 0.00	24.07 1.16 0.00	20.93 1.09 -0.01	23.47 1.28 0.00	24.70 1.31 0.21	26.51 1.46 1.13	26.17 1.56 2.12	25.54 1.54 1.47	23.70 1.63 2.53	32.62 2.15 1.53	47.34 2.83 0.00	28.31 1.95 1.76	24.19 1.67 2.55	21.22 1.39 3.06	24.58 1.22 2.59	28.00 1.25 1.93	25.81 1.02 1.61
RAVENSWOOD___2 23534	17.20 0.73 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.91 0.84 0.00	24.04 0.97 0.00	32.76 1.50 0.00	24.07 1.16 0.00	20.93 1.09 -0.01	23.47 1.28 0.00	24.70 1.31 0.21	26.51 1.46 1.13	26.17 1.56 2.12	25.54 1.54 1.47	23.70 1.63 2.53	32.62 2.15 1.53	47.34 2.83 0.00	28.31 1.95 1.76	24.19 1.67 2.55	21.22 1.39 3.06	24.58 1.22 2.59	28.00 1.25 1.93	25.81 1.02 1.61
RAVENSWOOD___3 23535	17.17 0.70 0.00	15.97 0.48 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.18 0.23 -13.39	21.87 0.80 0.00	23.99 0.92 0.00	32.70 1.43 0.00	24.01 1.10 0.00	20.87 1.03 0.00	23.40 1.21 0.00	24.85 1.25 0.00	27.55 1.37 0.00	28.21 1.48 0.00	26.94 1.46 0.00	26.14 1.55 0.00	34.06 2.05 0.00	47.23 2.72 0.00	29.99 1.87 0.00	26.68 1.61 0.00	24.23 1.34 0.00	27.13 1.18 0.00	29.88 1.20 0.00	27.38 0.98 0.00
RAVENSWOOD___4 23820	17.20 0.73 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.91 0.84 0.00	24.04 0.97 0.00	32.76 1.50 0.00	24.07 1.16 0.00	20.93 1.09 -0.01	23.47 1.28 0.00	24.70 1.31 0.21	26.51 1.46 1.13	26.17 1.56 2.12	25.54 1.54 1.47	23.70 1.63 2.53	32.62 2.15 1.53	47.34 2.83 0.00	28.31 1.95 1.76	24.19 1.67 2.55	21.22 1.39 3.06	24.58 1.22 2.59	28.00 1.25 1.93	25.81 1.02 1.61
RCPL_TRUST___DRP 24196	17.15 0.68 0.00	15.96 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.84 0.78 0.00	23.98 0.91 0.00	32.69 1.43 0.00	24.00 1.09 0.00	20.87 1.02 0.00	23.39 1.20 0.00	24.85 1.25 0.00	27.57 1.39 0.00	28.21 1.48 0.00	26.94 1.46 0.00	26.15 1.55 0.00	34.06 2.06 0.00	47.24 2.73 0.00	30.00 1.88 0.00	26.68 1.61 0.00	24.21 1.33 0.00	27.11 1.16 0.00	29.86 1.18 0.00	27.36 0.96 0.00
RED___ROCHESTER 323720	12.35 -1.09 3.03	10.66 -0.79 0.32	2.52 -0.06 -1.65	2.79 -0.07 -1.69	6.54 -0.41 -0.39	19.33 -1.19 0.54	21.84 -1.24 0.00	28.85 -1.42 0.99	22.08 -0.83 0.01	19.15 -0.69 0.00	21.54 -0.65 0.00	23.25 -0.35 0.00	26.00 -0.18 0.00	26.51 -0.22 0.00	25.33 -0.14 0.00	24.27 -0.31 0.02	31.79 -0.21 0.00	43.76 -0.43 0.32	27.63 -0.49 0.00	24.68 -0.39 0.00	22.28 -0.61 0.00	25.31 -0.64 0.00	28.14 -0.54 0.00	25.93 -0.46 0.00
REGAN___SOLAR 323812	17.28 0.81 0.00	17.33 0.58 -4.98	27.37 0.04 -26.40	27.89 0.06 -26.65	24.81 0.33 -17.93	22.18 1.11 0.00	24.45 1.37 0.00	33.10 1.84 0.00	23.44 0.52 0.00	19.86 0.02 0.00	22.24 0.05 0.00	24.04 0.44 0.00	26.85 0.67 0.00	27.59 0.86 0.00	26.26 0.78 0.00	25.17 0.57 0.00	33.00 0.99 0.00	47.13 2.62 0.00	30.13 2.01 0.00	26.87 1.80 0.00	24.49 1.61 0.00	27.66 1.71 0.00	30.45 1.77 0.00	27.93 1.54 0.00
RENSSELAER___COGEN 23796	16.93 0.46 0.00	16.59 0.32 -4.49	24.75 0.02 -23.80	25.23 0.03 -24.03	22.86 0.14 -16.16	21.50 0.43 0.00	23.43 0.36 0.00	31.81 0.54 0.00	23.33 0.42 0.00	20.21 0.37 0.00	22.52 0.34 0.00	23.93 0.33 0.00	26.44 0.27 0.00	27.07 0.34 0.00	25.74 0.27 0.00	24.89 0.30 0.00	32.73 0.73 0.00	45.84 1.33 0.00	28.88 0.76 0.00	25.70 0.63 0.00	23.42 0.53 0.00	26.35 0.39 0.00	29.03 0.35 0.00	26.68 0.29 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.11 1.65 0.00	17.58 1.19 -4.62	25.50 0.09 -24.48	26.02 0.13 -24.72	23.90 0.73 -16.62	23.59 2.52 0.00	26.34 3.26 0.00	35.67 4.41 0.00	25.72 2.81 0.00	22.09 2.25 0.00	24.38 2.19 0.00	25.74 2.14 0.00	28.63 2.45 0.00	29.48 2.75 0.00	27.90 2.43 0.00	27.49 2.89 0.00	36.63 4.63 0.00	50.62 6.11 0.00	31.85 3.73 0.00	28.41 3.34 0.00	26.01 3.13 0.00	29.40 3.45 0.00	32.31 3.64 0.00	29.59 3.19 0.00
REVERE_CPPR_DRP 24186	16.72 0.25 0.00	12.12 0.17 -0.18	1.90 0.01 -0.96	2.17 0.02 -0.97	7.30 0.10 -0.65	21.37 0.31 0.00	23.50 0.43 0.00	31.72 0.60 0.16	23.42 0.51 0.00	20.24 0.40 0.00	22.63 0.45 0.00	24.06 0.46 0.00	26.74 0.56 0.00	27.41 0.68 0.00	26.21 0.74 0.00	25.34 0.74 0.00	33.01 1.01 0.00	46.26 1.80 0.05	29.27 1.15 0.00	26.15 1.09 0.00	23.79 0.90 0.00	26.86 0.91 0.00	29.61 0.93 0.00	27.20 0.80 0.00
REYNOLDS_115KV_TB3 80639	17.02 0.55 0.00	16.65 0.38 -4.50	24.77 0.02 -23.83	25.26 0.03 -24.05	22.91 0.19 -16.17	21.62 0.56 0.00	23.62 0.55 0.00	32.09 0.83 0.00	23.52 0.61 0.00	20.38 0.54 0.00	22.70 0.52 0.00	24.12 0.52 0.00	26.68 0.51 0.00	27.31 0.58 0.00	25.93 0.46 0.00	25.09 0.49 0.00	32.98 0.98 0.00	46.05 1.54 0.00	29.07 0.95 0.00	25.92 0.85 0.00	23.61 0.73 0.00	26.56 0.61 0.00	29.26 0.58 0.00	26.92 0.53 0.00
RIVERBAY____ 323610	17.18 0.71 0.00	16.00 0.51 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.20 0.25 -13.39	21.94 0.88 0.00	24.08 1.01 0.00	32.79 1.53 0.00	24.03 1.12 0.00	20.85 1.00 -0.01	23.43 1.24 0.00	24.99 1.39 0.00	27.71 1.53 0.00	28.30 1.57 -0.01	26.98 1.50 -0.01	26.22 1.61 -0.01	34.18 2.17 -0.01	47.32 2.81 0.00	30.09 1.96 0.00	26.75 1.68 0.00	24.27 1.39 0.00	27.11 1.16 0.00	29.91 1.23 0.00	27.42 1.02 0.00
RIVERSDE_115KV_TB3 55908	16.99 0.52 0.00	16.65 0.37 -4.51	24.83 0.02 -23.88	25.31 0.03 -24.11	22.94 0.17 -16.21	21.58 0.52 0.00	23.54 0.47 0.00	31.95 0.69 0.00	23.41 0.50 0.00	20.28 0.44 0.00	22.60 0.42 0.00	24.03 0.43 0.00	26.56 0.38 0.00	27.20 0.46 0.00	25.85 0.38 0.00	25.00 0.40 0.00	32.86 0.86 0.00	46.00 1.49 0.00	28.98 0.86 0.00	25.80 0.74 0.00	23.51 0.63 0.00	26.45 0.50 0.00	29.12 0.45 0.00	26.78 0.38 0.00
ROARING___BROOK_WT_PWR 323790	16.24 -0.22 0.00	11.58 -0.19 0.00	0.92 -0.01 0.00	1.16 -0.02 0.00	6.44 -0.11 0.00	20.68 -0.38 0.00	22.67 -0.40 0.00	30.68 -0.59 0.00	22.58 -0.33 0.00	19.52 -0.33 0.00	21.79 -0.40 0.00	23.12 -0.48 0.00	25.54 -0.64 0.00	25.94 -0.79 0.00	24.69 -0.79 0.00	24.05 -0.54 0.00	31.34 -0.66 0.00	43.74 -0.77 0.00	27.52 -0.60 0.00	24.52 -0.55 0.00	22.51 -0.37 0.00	25.69 -0.26 0.00	28.48 -0.20 0.00	26.28 -0.12 0.00

ROCHESRG_115KV_T4 355643	12.26 -1.23 2.98	10.57 -0.89 0.31	2.50 -0.07 -1.65	2.78 -0.08 -1.69	6.50 -0.46 -0.41	19.16 -1.37 0.53	21.63 -1.45 0.00	28.43 -1.83 1.01	21.70 -1.20 0.01	18.85 -0.99 0.00	21.23 -0.96 0.00	22.85 -0.75 0.00	25.54 -0.63 0.00	26.07 -0.66 0.00	24.88 -0.59 0.00	23.81 -0.77 0.02	31.18 -0.82 0.00	42.93 -1.25 0.33	27.13 -0.99 0.00	24.23 -0.84 0.00	21.88 -1.00 0.00	24.88 -1.07 0.00	27.70 -0.97 0.00	25.57 -0.82 0.00
ROCHESTER_9_IC 23652	12.29 -1.15 3.02	10.61 -0.84 0.32	2.51 -0.07 -1.65	2.79 -0.07 -1.69	6.52 -0.43 -0.39	19.25 -1.27 0.54	21.75 -1.33 0.00	28.76 -1.52 0.99	22.02 -0.89 0.01	19.11 -0.74 0.00	21.52 -0.67 0.00	23.19 -0.40 0.00	25.93 -0.25 0.00	26.45 -0.28 0.00	25.26 -0.21 0.00	24.21 -0.38 0.02	31.69 -0.31 0.00	43.63 -0.56 0.32	27.54 -0.58 0.00	24.60 -0.47 0.00	22.21 -0.67 0.00	25.23 -0.72 0.00	28.06 -0.62 0.00	25.87 -0.52 0.00
ROCKVIEW_13_KV_LD 356306	17.20 0.73 0.00	15.99 0.50 -3.72	20.68 0.04 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.91 0.85 0.00	24.04 0.97 0.00	32.78 1.51 0.00	24.04 1.12 0.00	20.88 1.04 0.00	23.39 1.21 0.00	24.84 1.24 0.00	27.56 1.39 0.00	28.21 1.48 0.00	26.94 1.47 0.00	26.13 1.54 0.00	34.08 2.08 0.00	47.29 2.78 0.00	30.01 1.89 0.00	26.70 1.64 0.00	24.25 1.37 0.00	27.17 1.22 0.00	29.94 1.26 0.00	27.43 1.03 0.00
ROME____115KV_TB2 80656	16.72 0.25 0.00	12.12 0.17 -0.18	1.90 0.01 -0.96	2.17 0.02 -0.97	7.30 0.10 -0.65	21.37 0.31 0.00	23.50 0.43 0.00	31.72 0.60 0.16	23.42 0.51 0.00	20.24 0.40 0.00	22.63 0.45 0.00	24.06 0.46 0.00	26.74 0.56 0.00	27.41 0.68 0.00	26.21 0.74 0.00	25.34 0.74 0.00	33.01 1.01 0.00	46.26 1.80 0.05	29.27 1.15 0.00	26.15 1.09 0.00	23.79 0.90 0.00	26.86 0.91 0.00	29.61 0.93 0.00	27.20 0.80 0.00
ROSETON___1 23587	17.01 0.54 0.00	15.84 0.37 -3.70	20.54 0.02 -19.59	20.98 0.03 -19.77	20.03 0.18 -13.30	21.68 0.62 0.00	23.78 0.71 0.00	32.39 1.12 0.00	23.73 0.82 0.00	20.59 0.75 0.00	23.04 0.85 0.00	24.47 0.87 0.00	27.12 0.95 0.00	27.76 1.03 0.00	26.48 1.01 0.00	25.68 1.09 0.00	33.53 1.53 0.00	46.57 2.07 0.00	29.52 1.40 0.00	26.29 1.22 0.00	23.89 1.01 0.00	26.81 0.86 0.00	29.56 0.88 0.00	27.11 0.72 0.00
ROSETON___2 23588	17.01 0.54 0.00	15.84 0.37 -3.70	20.54 0.02 -19.59	20.98 0.03 -19.77	20.03 0.18 -13.30	21.68 0.62 0.00	23.78 0.71 0.00	32.39 1.12 0.00	23.73 0.82 0.00	20.59 0.75 0.00	23.04 0.85 0.00	24.47 0.87 0.00	27.12 0.95 0.00	27.76 1.03 0.00	26.48 1.01 0.00	25.68 1.09 0.00	33.53 1.53 0.00	46.57 2.07 0.00	29.52 1.40 0.00	26.29 1.22 0.00	23.89 1.01 0.00	26.81 0.86 0.00	29.56 0.88 0.00	27.11 0.72 0.00
ROTRDAM_115KV_TB3 80664	16.97 0.50 0.00	16.79 0.35 -4.67	25.69 0.02 -24.74	26.18 0.03 -24.97	23.53 0.19 -16.80	21.65 0.59 0.00	23.77 0.70 0.00	32.36 1.10 0.00	23.57 0.66 0.00	20.36 0.51 0.00	22.69 0.51 0.00	24.17 0.57 0.00	26.84 0.66 0.00	27.45 0.72 0.00	26.15 0.68 0.00	25.27 0.67 0.00	33.09 1.08 0.00	46.14 1.63 0.00	29.24 1.12 0.00	26.07 1.01 0.00	23.78 0.90 0.00	26.83 0.88 0.00	29.58 0.90 0.00	27.18 0.78 0.00
RUSSELL___1 23602	12.35 -1.09 3.03	10.65 -0.80 0.32	2.52 -0.06 -1.65	2.79 -0.07 -1.69	6.54 -0.41 -0.39	19.33 -1.19 0.54	21.84 -1.24 0.00	28.86 -1.42 0.99	22.08 -0.83 0.01	19.15 -0.69 0.00	21.57 -0.62 0.00	23.25 -0.34 0.00	25.99 -0.19 0.00	26.51 -0.23 0.00	25.33 -0.14 0.00	24.27 -0.31 0.02	31.79 -0.21 0.00	43.75 -0.43 0.32	27.63 -0.49 0.00	24.67 -0.39 0.00	22.28 -0.61 0.00	25.30 -0.64 0.00	28.14 -0.54 0.00	25.93 -0.46 0.00
RUSSELL___2 23532	12.35 -1.09 3.03	10.65 -0.80 0.32	2.52 -0.06 -1.65	2.79 -0.07 -1.69	6.54 -0.41 -0.39	19.33 -1.19 0.54	21.84 -1.24 0.00	28.86 -1.42 0.99	22.08 -0.83 0.01	19.15 -0.69 0.00	21.57 -0.62 0.00	23.25 -0.34 0.00	25.99 -0.19 0.00	26.51 -0.23 0.00	25.33 -0.14 0.00	24.27 -0.31 0.02	31.79 -0.21 0.00	43.75 -0.43 0.32	27.63 -0.49 0.00	24.67 -0.39 0.00	22.28 -0.61 0.00	25.30 -0.64 0.00	28.14 -0.54 0.00	25.93 -0.46 0.00
RUSSELL___3 23549	12.35 -1.09 3.03	10.65 -0.80 0.32	2.52 -0.06 -1.65	2.79 -0.07 -1.69	6.54 -0.41 -0.39	19.33 -1.19 0.54	21.84 -1.24 0.00	28.86 -1.42 0.99	22.08 -0.83 0.01	19.15 -0.69 0.00	21.57 -0.62 0.00	23.25 -0.34 0.00	25.99 -0.19 0.00	26.51 -0.23 0.00	25.33 -0.14 0.00	24.27 -0.31 0.02	31.79 -0.21 0.00	43.75 -0.43 0.32	27.63 -0.49 0.00	24.67 -0.39 0.00	22.28 -0.61 0.00	25.30 -0.64 0.00	28.14 -0.54 0.00	25.93 -0.46 0.00
RUSSELL___4 23556	12.35 -1.09 3.03	10.65 -0.80 0.32	2.52 -0.06 -1.65	2.79 -0.07 -1.69	6.54 -0.41 -0.39	19.33 -1.19 0.54	21.84 -1.24 0.00	28.86 -1.42 0.99	22.08 -0.83 0.01	19.15 -0.69 0.00	21.57 -0.62 0.00	23.25 -0.34 0.00	25.99 -0.19 0.00	26.51 -0.23 0.00	25.33 -0.14 0.00	24.27 -0.31 0.02	31.79 -0.21 0.00	43.75 -0.43 0.32	27.63 -0.49 0.00	24.67 -0.39 0.00	22.28 -0.61 0.00	25.30 -0.64 0.00	28.14 -0.54 0.00	25.93 -0.46 0.00
RUSSELL___STATION 23914	12.35 -1.09 3.03	10.65 -0.80 0.32	2.52 -0.06 -1.65	2.79 -0.07 -1.69	6.54 -0.41 -0.39	19.33 -1.19 0.54	21.84 -1.24 0.00	28.86 -1.42 0.99	22.08 -0.83 0.01	19.15 -0.69 0.00	21.57 -0.62 0.00	23.25 -0.34 0.00	25.99 -0.19 0.00	26.51 -0.23 0.00	25.33 -0.14 0.00	24.27 -0.31 0.02	31.79 -0.21 0.00	43.75 -0.43 0.32	27.63 -0.49 0.00	24.67 -0.39 0.00	22.28 -0.61 0.00	25.30 -0.64 0.00	28.14 -0.54 0.00	25.93 -0.46 0.00
S SALMON___HYD 24043	16.90 -0.36 -0.79	12.47 -0.25 -0.96	2.37 -0.02 -1.47	2.73 -0.02 -1.58	7.41 -0.15 -1.01	20.54 -0.53 0.00	22.49 -0.58 0.00	30.82 -0.80 -0.35	22.42 -0.50 0.00	19.46 -0.39 0.00	21.73 -0.46 0.00	23.23 -0.37 0.00	25.70 -0.48 0.00	26.15 -0.58 0.00	24.97 -0.51 0.00	24.06 -0.54 -0.01	31.71 -0.30 0.00	44.39 -0.23 -0.11	27.99 -0.13 0.00	25.01 -0.05 0.00	22.81 -0.08 0.00	25.80 -0.15 0.00	28.50 -0.18 0.00	26.22 -0.17 0.00
S.PERRY__115KV_TB1 80734	9.16 -0.91 6.40	10.11 -0.69 0.97	2.80 -0.05 -1.93	3.11 -0.06 -1.99	5.99 -0.34 0.23	19.04 -0.88 1.14	22.26 -0.81 0.00	29.61 -0.88 0.78	22.28 -0.63 0.01	19.27 -0.57 0.00	21.54 -0.64 0.00	23.28 -0.32 0.00	26.20 0.03 0.00	26.52 -0.21 0.00	25.31 -0.16 0.00	24.20 -0.39 0.01	31.84 -0.17 0.00	44.57 0.32 0.25	28.21 0.09 0.00	25.26 0.20 0.00	22.71 -0.17 0.00	25.74 -0.21 0.00	28.77 0.09 0.00	26.57 0.18 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	10.05 -1.87 4.54	9.80 -1.39 0.58	2.80 -0.11 -1.98	3.08 -0.12 -2.03	6.11 -0.71 -0.27	18.13 -2.14 0.80	20.81 -2.26 0.00	27.57 -2.80 0.89	21.08 -1.82 0.01	18.40 -1.45 0.00	20.80 -1.38 0.00	22.44 -1.16 0.00	25.24 -0.93 0.00	25.80 -0.93 0.00	24.57 -0.90 0.00	23.34 -1.24 0.01	30.61 -1.39 0.00	42.13 -2.09 0.29	26.48 -1.64 0.00	23.68 -1.39 0.00	21.25 -1.64 0.00	24.33 -1.63 0.00	27.35 -1.33 0.00	25.35 -1.05 0.00

SAWYER___23_KV_LOAD 55526	10.05 -1.87 4.54	9.80 -1.39 0.58	2.80 -0.11 -1.98	3.08 -0.12 -2.03	6.11 -0.71 -0.27	18.13 -2.14 0.80	20.81 -2.26 0.00	27.57 -2.80 0.89	21.08 -1.82 0.01	18.40 -1.45 0.00	20.80 -1.38 0.00	22.44 -1.16 0.00	25.24 -0.93 0.00	25.80 -0.93 0.00	24.57 -0.90 0.00	23.34 -1.24 0.01	30.61 -1.39 0.00	42.13 -2.09 0.29	26.48 -1.64 0.00	23.68 -1.39 0.00	21.25 -1.64 0.00	24.33 -1.63 0.00	27.35 -1.33 0.00	25.35 -1.05 0.00
SELKIRK___I 23801	17.00 0.53 0.00	16.58 0.38 -4.43	24.43 0.02 -23.48	24.91 0.03 -23.70	22.68 0.19 -15.94	21.65 0.59 0.00	23.64 0.57 0.00	32.08 0.81 0.00	23.40 0.49 0.00	20.22 0.37 0.00	22.52 0.34 0.00	23.97 0.38 0.00	26.55 0.37 0.00	27.22 0.48 0.00	25.88 0.40 0.00	24.98 0.38 0.00	32.89 0.88 0.00	46.03 1.52 0.00	29.06 0.93 0.00	25.89 0.82 0.00	23.59 0.71 0.00	26.59 0.64 0.00	29.31 0.63 0.00	26.95 0.55 0.00
SELKIRK___II 23799	16.90 0.44 0.00	16.56 0.31 -4.48	24.67 0.02 -23.73	25.15 0.03 -23.95	22.81 0.14 -16.11	21.51 0.44 0.00	23.49 0.42 0.00	31.93 0.66 0.00	23.39 0.48 0.00	20.25 0.41 0.00	22.56 0.38 0.00	23.98 0.38 0.00	26.52 0.35 0.00	27.16 0.42 0.00	25.83 0.36 0.00	24.97 0.37 0.00	32.81 0.81 0.00	45.93 1.42 0.00	28.96 0.84 0.00	25.80 0.73 0.00	23.50 0.62 0.00	26.45 0.50 0.00	29.15 0.47 0.00	26.79 0.39 0.00
SENECA OSWGO___HYD 24041	16.08 -0.38 0.00	11.79 -0.27 -0.29	2.42 -0.02 -1.52	2.69 -0.03 -1.53	7.44 -0.15 -1.03	20.59 -0.47 0.00	22.52 -0.55 0.00	31.20 -0.77 -0.70	22.38 -0.53 -0.01	19.46 -0.39 0.00	21.76 -0.42 0.00	23.18 -0.42 0.00	25.73 -0.45 0.00	26.31 -0.42 0.00	25.10 -0.37 0.00	24.17 -0.44 -0.01	31.62 -0.39 0.00	44.29 -0.45 -0.23	27.81 -0.31 0.00	24.82 -0.25 0.00	22.61 -0.27 0.00	25.52 -0.43 0.00	28.18 -0.50 0.00	25.94 -0.46 0.00
SENECA___115KV_TB3 355854	9.87 -1.62 4.97	9.89 -1.22 0.66	2.86 -0.09 -2.03	3.15 -0.10 -2.09	6.13 -0.61 -0.19	18.36 -1.82 0.88	21.17 -1.91 0.00	28.07 -2.33 0.86	21.44 -1.47 0.01	18.71 -1.13 0.00	21.15 -1.03 0.00	22.79 -0.81 0.00	25.65 -0.53 0.00	26.22 -0.52 0.00	24.98 -0.49 0.00	23.72 -0.87 0.01	31.11 -0.89 0.00	42.91 -1.32 0.28	26.99 -1.13 0.00	24.15 -0.92 0.00	21.66 -1.23 0.00	24.75 -1.20 0.00	27.80 -0.88 0.00	25.76 -0.63 0.00
SENECA___ENERGY 23797	13.02 -0.57 2.87	11.06 -0.42 0.29	2.54 -0.03 -1.65	2.82 -0.04 -1.68	6.77 -0.21 -0.43	19.95 -0.60 0.51	22.48 -0.59 0.00	30.34 -0.75 0.18	22.36 -0.56 0.00	19.31 -0.53 0.00	21.62 -0.57 0.00	23.13 -0.47 0.00	25.79 -0.39 0.00	26.47 -0.27 0.00	25.19 -0.29 0.00	24.09 -0.51 0.00	31.69 -0.31 0.00	44.02 -0.43 0.06	27.83 -0.29 0.00	24.87 -0.20 0.00	22.55 -0.34 0.00	25.43 -0.52 0.00	28.15 -0.52 0.00	25.87 -0.52 0.00
SHOEMAKER___GT 23640	16.90 0.43 0.00	15.43 0.30 -3.37	18.77 0.02 -17.82	19.19 0.03 -17.99	18.80 0.14 -12.10	21.56 0.50 0.00	23.67 0.59 0.00	32.21 0.94 0.00	23.57 0.66 0.00	20.43 0.59 0.00	22.83 0.65 0.00	24.26 0.66 0.00	26.92 0.74 0.00	27.55 0.82 0.00	26.31 0.84 0.00	25.50 0.90 0.00	33.26 1.26 0.00	46.21 1.70 0.00	29.33 1.21 0.00	26.14 1.08 0.00	23.77 0.88 0.00	26.68 0.73 0.00	29.43 0.75 0.00	27.00 0.60 0.00
SHOEMAKR_138KV_BK 111 55601	16.89 0.43 0.00	15.41 0.30 -3.34	18.65 0.02 -17.71	19.08 0.02 -17.88	18.71 0.14 -12.02	21.56 0.49 0.00	23.66 0.58 0.00	32.21 0.94 0.00	23.57 0.66 0.00	20.44 0.60 0.00	22.84 0.65 0.00	24.28 0.68 0.00	26.94 0.76 0.00	27.57 0.84 0.00	26.33 0.86 0.00	25.51 0.91 0.00	33.28 1.27 0.00	46.22 1.71 0.00	29.33 1.21 0.00	26.13 1.07 0.00	23.76 0.88 0.00	26.67 0.72 0.00	29.42 0.74 0.00	27.00 0.60 0.00
SHOREHAM_IC_1 23715	17.27 0.80 0.00	16.00 0.51 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.21 0.27 -13.39	22.05 0.99 0.00	24.13 1.05 0.00	32.62 1.35 0.00	23.85 0.94 0.00	20.59 0.75 0.00	23.14 0.96 0.00	24.47 0.87 0.00	27.00 0.83 0.00	27.75 1.02 0.00	26.52 1.05 0.00	25.78 1.18 0.00	33.68 1.68 0.00	46.51 2.01 0.00	29.64 1.52 0.00	26.33 1.26 0.00	23.92 1.04 0.00	26.61 0.66 0.00	29.53 0.85 0.00	26.99 0.60 0.00
SHOREHAM_IC_2 23716	17.27 0.80 0.00	16.00 0.51 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.21 0.27 -13.39	22.05 0.99 0.00	24.13 1.05 0.00	32.62 1.35 0.00	23.85 0.94 0.00	20.59 0.75 0.00	23.14 0.96 0.00	24.47 0.87 0.00	27.00 0.83 0.00	27.75 1.02 0.00	26.52 1.05 0.00	25.78 1.18 0.00	33.68 1.68 0.00	46.51 2.01 0.00	29.64 1.52 0.00	26.33 1.26 0.00	23.92 1.04 0.00	26.61 0.66 0.00	29.53 0.85 0.00	26.99 0.60 0.00
SISSONVILLE____ 23735	23.30 -0.60 -7.43	17.87 -0.43 -6.53	1.92 -0.03 -1.02	3.05 -0.04 -1.91	7.09 -0.22 -0.76	20.33 -0.73 0.00	22.41 -0.66 0.00	30.25 -1.02 0.00	22.12 -0.79 0.00	19.06 -0.79 0.00	21.26 -0.92 0.00	22.57 -1.03 0.00	24.98 -1.19 0.00	25.33 -1.40 0.00	24.07 -1.41 0.00	23.33 -1.26 0.00	30.26 -1.74 0.00	42.34 -2.17 0.00	26.83 -1.30 0.00	23.93 -1.14 0.00	21.95 -0.94 0.00	25.14 -0.81 0.00	27.87 -0.81 0.00	25.74 -0.66 0.00
SITHE_IND_GS1 24169	16.00 -0.47 0.00	11.67 -0.33 -0.23	2.11 -0.02 -1.21	2.36 -0.03 -1.22	7.19 -0.18 -0.82	20.48 -0.58 0.00	22.36 -0.71 0.00	23.65 -1.04 6.57	22.13 -0.72 0.06	19.26 -0.58 0.00	21.53 -0.66 0.00	22.92 -0.68 0.00	25.43 -0.75 0.00	25.98 -0.75 0.00	24.79 -0.69 0.00	23.78 -0.71 0.11	31.15 -0.83 0.02	41.21 -1.12 2.18	27.41 -0.72 0.00	24.45 -0.62 0.00	22.30 -0.59 0.00	25.19 -0.76 0.00	27.83 -0.85 0.00	25.64 -0.75 0.00
SITHE_IND_GS2 24170	16.00 -0.47 0.00	11.67 -0.33 -0.23	2.11 -0.02 -1.21	2.36 -0.03 -1.22	7.19 -0.18 -0.82	20.48 -0.58 0.00	22.36 -0.71 0.00	23.65 -1.04 6.57	22.13 -0.72 0.06	19.26 -0.58 0.00	21.53 -0.66 0.00	22.92 -0.68 0.00	25.43 -0.75 0.00	25.98 -0.75 0.00	24.79 -0.69 0.00	23.78 -0.71 0.11	31.15 -0.83 0.02	41.21 -1.12 2.18	27.41 -0.72 0.00	24.45 -0.62 0.00	22.30 -0.59 0.00	25.19 -0.76 0.00	27.83 -0.85 0.00	25.64 -0.75 0.00
SITHE_IND_GS3 24171	16.00 -0.47 0.00	11.67 -0.33 -0.23	2.11 -0.02 -1.21	2.36 -0.03 -1.22	7.19 -0.18 -0.82	20.48 -0.58 0.00	22.36 -0.71 0.00	23.65 -1.04 6.57	22.13 -0.72 0.06	19.26 -0.58 0.00	21.53 -0.66 0.00	22.92 -0.68 0.00	25.43 -0.75 0.00	25.98 -0.75 0.00	24.79 -0.69 0.00	23.78 -0.71 0.11	31.15 -0.83 0.02	41.21 -1.12 2.18	27.41 -0.72 0.00	24.45 -0.62 0.00	22.30 -0.59 0.00	25.19 -0.76 0.00	27.83 -0.85 0.00	25.64 -0.75 0.00
SITHE_IND_GS4 24172	16.00 -0.47 0.00	11.67 -0.33 -0.23	2.11 -0.02 -1.21	2.36 -0.03 -1.22	7.19 -0.18 -0.82	20.48 -0.58 0.00	22.36 -0.71 0.00	23.65 -1.04 6.57	22.13 -0.72 0.06	19.26 -0.58 0.00	21.53 -0.66 0.00	22.92 -0.68 0.00	25.43 -0.75 0.00	25.98 -0.75 0.00	24.79 -0.69 0.00	23.78 -0.71 0.11	31.15 -0.83 0.02	41.21 -1.12 2.18	27.41 -0.72 0.00	24.45 -0.62 0.00	22.30 -0.59 0.00	25.19 -0.76 0.00	27.83 -0.85 0.00	25.64 -0.75 0.00

SITHE___BATAVIA 24024	11.29 -1.38 3.80	10.27 -1.04 0.45	2.66 -0.08 -1.81	2.94 -0.09 -1.86	6.35 -0.52 -0.32	18.93 -1.46 0.68	21.64 -1.43 0.00	28.69 -1.64 0.94	21.92 -0.98 0.01	18.97 -0.87 0.00	21.35 -0.84 0.00	23.15 -0.44 0.00	26.05 -0.13 0.00	26.40 -0.33 0.00	25.21 -0.26 0.00	24.13 -0.45 0.02	31.72 -0.28 0.00	43.68 -0.52 0.31	27.43 -0.69 0.00	24.61 -0.45 0.00	22.10 -0.78 0.00	25.13 -0.82 0.00	28.13 -0.55 0.00	25.98 -0.41 0.00
SITHE___INDEPEND 23800	16.00 -0.46 0.00	11.67 -0.33 -0.23	2.11 -0.03 -1.21	2.36 -0.03 -1.22	7.19 -0.18 -0.82	20.48 -0.58 0.00	22.36 -0.71 0.00	23.65 -1.04 6.57	22.13 -0.72 0.06	19.26 -0.58 0.00	21.53 -0.65 0.00	22.92 -0.67 0.00	25.42 -0.75 0.00	25.98 -0.75 0.00	24.78 -0.69 0.00	23.78 -0.71 0.11	31.15 -0.83 0.02	41.21 -1.12 2.18	27.41 -0.72 0.00	24.45 -0.62 0.00	22.30 -0.59 0.00	25.19 -0.76 0.00	27.83 -0.85 0.00	25.64 -0.75 0.00
SITHE___MASSENA 23902	17.27 0.02 -0.78	12.48 0.02 -0.68	1.04 0.01 -0.11	1.38 0.01 -0.20	6.67 0.03 -0.08	21.16 0.10 0.00	23.25 0.18 0.00	31.34 0.08 0.00	22.94 0.03 0.00	19.81 -0.03 0.00	22.14 -0.05 0.00	23.47 -0.12 0.00	26.02 -0.16 0.00	26.42 -0.31 0.00	25.10 -0.37 0.00	24.24 -0.36 0.00	31.36 -0.65 0.00	43.65 -0.86 0.00	27.59 -0.53 0.00	24.55 -0.52 0.00	22.53 -0.35 0.00	25.86 -0.10 0.00	28.66 -0.02 0.00	26.46 0.07 0.00
SITHE___OGDNSBRG 24021	21.34 0.03 -4.85	16.05 0.02 -4.26	1.60 0.01 -0.67	2.43 0.01 -1.25	7.08 0.04 -0.50	21.18 0.11 0.00	23.36 0.29 0.00	31.47 0.20 0.00	22.86 -0.06 0.00	19.63 -0.21 0.00	21.94 -0.25 0.00	23.38 -0.21 0.00	25.93 -0.25 0.00	26.31 -0.42 0.00	24.93 -0.54 0.00	24.14 -0.45 0.00	31.17 -0.83 0.00	43.65 -0.86 0.00	27.64 -0.48 0.00	24.67 -0.40 0.00	22.67 -0.22 0.00	26.01 0.06 0.00	28.81 0.13 0.00	26.59 0.20 0.00
SITHE___STERLING 23777	16.64 0.17 0.00	12.10 0.12 -0.21	2.06 0.01 -1.13	2.32 0.01 -1.14	7.38 0.06 -0.77	21.28 0.22 0.00	23.39 0.31 0.00	31.53 0.46 0.20	23.28 0.37 0.00	20.12 0.28 0.00	22.49 0.30 0.00	23.94 0.34 0.00	26.60 0.43 0.00	27.23 0.50 0.00	26.05 0.58 0.00	25.16 0.57 0.00	32.73 0.73 0.00	45.81 1.37 0.06	29.00 0.87 0.00	25.91 0.84 0.00	23.57 0.68 0.00	26.61 0.66 0.00	29.34 0.66 0.00	26.96 0.57 0.00
SLEIGHT__34_KV_TB1 80719	14.60 -0.27 1.59	11.54 -0.23 0.01	2.64 -0.02 -1.73	2.91 -0.02 -1.76	7.26 -0.09 -0.79	20.57 -0.21 0.28	22.96 -0.12 0.00	30.85 -0.09 0.34	22.82 -0.09 0.00	19.81 -0.03 0.00	22.18 -0.01 0.00	23.78 0.18 0.00	26.50 0.32 0.00	27.16 0.43 0.00	25.91 0.44 0.00	24.79 0.19 0.01	32.62 0.62 0.00	45.36 0.96 0.11	28.60 0.48 0.00	25.56 0.49 0.00	23.20 0.31 0.00	26.12 0.17 0.00	28.91 0.23 0.00	26.52 0.13 0.00
SOUTH CAIRO___GT 23612	17.46 0.99 0.00	16.75 0.71 -4.27	23.63 0.04 -22.65	24.11 0.06 -22.87	22.29 0.35 -15.38	22.22 1.16 0.00	24.33 1.25 0.00	33.07 1.81 0.00	24.11 1.20 0.00	20.68 0.84 0.00	22.85 0.66 0.00	24.29 0.69 0.00	26.99 0.81 0.00	27.72 0.98 0.00	26.43 0.96 0.00	25.41 0.81 0.00	33.65 1.65 0.00	47.61 3.11 0.00	30.19 2.06 0.00	26.95 1.88 0.00	24.50 1.62 0.00	27.53 1.58 0.00	30.25 1.57 0.00	27.73 1.33 0.00
SOUTH HAMPTN___IC 23720	17.39 0.92 0.00	16.09 0.59 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.26 0.32 -13.39	22.33 1.27 0.00	24.47 1.40 0.00	33.10 1.83 0.00	24.21 1.30 0.00	20.91 1.07 0.00	23.51 1.33 0.00	24.87 1.27 0.00	27.46 1.28 0.00	28.25 1.52 0.00	26.98 1.51 0.00	26.23 1.63 0.00	34.28 2.28 0.00	47.34 2.83 0.00	29.92 1.80 0.00	26.53 1.46 0.00	24.11 1.22 0.00	26.77 0.82 0.00	29.72 1.04 0.00	27.16 0.76 0.00
SOUTHDOW_115KV_TB1 355954	9.18 -1.28 6.01	9.93 -0.96 0.87	2.91 -0.08 -2.06	3.22 -0.08 -2.12	6.09 -0.42 0.04	18.84 -1.16 1.07	21.91 -1.16 0.00	29.17 -1.29 0.81	22.13 -0.78 0.01	19.32 -0.52 0.00	21.91 -0.28 0.00	23.69 0.08 0.00	26.60 0.43 0.00	27.26 0.52 0.00	25.91 0.44 0.00	24.40 -0.19 0.01	32.07 0.07 0.00	44.38 0.14 0.26	27.99 -0.14 0.00	25.14 0.07 0.00	22.47 -0.42 0.00	25.52 -0.43 0.00	28.72 0.04 0.00	26.65 0.25 0.00
SOUTHOLD_69_KV_BK 2 55809	17.47 1.00 0.00	16.15 0.66 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.29 0.35 -13.39	22.65 1.59 0.00	24.84 1.77 0.00	33.59 2.32 0.00	24.58 1.67 0.00	21.23 1.39 0.00	23.86 1.68 0.00	25.25 1.65 0.00	27.86 1.68 0.00	28.72 1.99 0.00	27.39 1.92 0.00	26.65 2.05 0.00	34.87 2.86 0.00	48.18 3.67 0.00	29.97 1.85 0.00	26.56 1.50 0.00	24.16 1.28 0.00	26.75 0.80 0.00	29.72 1.04 0.00	27.15 0.76 0.00
SOUTHOLD___IC 23719	17.47 1.00 0.00	16.15 0.66 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.29 0.35 -13.39	22.65 1.59 0.00	24.84 1.77 0.00	33.58 2.32 0.00	24.57 1.66 0.00	21.23 1.39 0.00	23.87 1.68 0.00	25.25 1.65 0.00	27.86 1.68 0.00	28.72 1.99 0.00	27.38 1.91 0.00	26.65 2.05 0.00	34.86 2.86 0.00	48.18 3.67 0.00	29.97 1.85 0.00	26.56 1.50 0.00	24.16 1.28 0.00	26.76 0.80 0.00	29.72 1.04 0.00	27.15 0.76 0.00
SOUTH_FORK_WT_PWR 323839	17.40 0.94 0.00	16.10 0.61 -3.72	20.67 0.03 -19.72	21.12 0.04 -19.91	20.26 0.32 -13.39	22.71 1.65 0.00	24.88 1.80 0.00	33.61 2.34 0.00	24.59 1.68 0.00	21.25 1.41 0.00	23.90 1.71 0.00	25.28 1.68 0.00	27.89 1.72 0.00	28.74 2.01 0.00	27.40 1.93 0.00	26.67 2.07 0.00	34.87 2.87 0.00	48.19 3.68 0.00	29.64 1.51 0.00	26.29 1.22 0.00	23.93 1.05 0.00	26.45 0.50 0.00	29.43 0.75 0.00	26.90 0.51 0.00
SPIERFLS_115KV_TB 1 80737	17.49 1.02 0.00	17.11 0.72 -4.63	25.49 0.05 -24.51	25.99 0.07 -24.74	23.60 0.41 -16.64	22.43 1.36 0.00	24.78 1.70 0.00	33.72 2.45 0.00	24.49 1.57 0.00	21.10 1.25 0.00	23.29 1.10 0.00	24.75 1.15 0.00	27.52 1.35 0.00	28.17 1.43 0.00	26.74 1.27 0.00	25.98 1.39 0.00	34.23 2.23 0.00	47.70 3.20 0.00	30.36 2.24 0.00	27.09 2.02 0.00	24.78 1.90 0.00	27.89 1.94 0.00	30.70 2.02 0.00	28.17 1.77 0.00
ST LAWRENCE____ 23600	16.37 -0.09 0.00	11.71 -0.06 0.00	0.93 0.00 0.00	1.17 0.00 0.00	6.54 -0.01 0.00	21.02 -0.04 0.00	23.07 0.00 0.00	31.11 -0.16 0.00	22.78 -0.13 0.00	19.69 -0.15 0.00	22.00 -0.18 0.00	23.33 -0.27 0.00	25.84 -0.33 0.00	26.27 -0.46 0.00	24.97 -0.50 0.00	24.11 -0.49 0.00	31.19 -0.81 0.00	43.37 -1.14 0.00	27.41 -0.71 0.00	24.39 -0.68 0.00	22.37 -0.51 0.00	25.66 -0.29 0.00	28.43 -0.25 0.00	26.25 -0.14 0.00
STATE_CA_115KV_115_LB 55624	17.00 0.54 0.00	16.68 0.38 -4.53	24.97 0.02 -24.02	25.45 0.03 -24.25	23.04 0.18 -16.31	21.60 0.54 0.00	23.55 0.48 0.00	31.99 0.72 0.00	23.45 0.54 0.00	20.31 0.47 0.00	22.63 0.45 0.00	24.07 0.48 0.00	26.62 0.45 0.00	27.27 0.54 0.00	25.93 0.46 0.00	25.06 0.46 0.00	32.96 0.96 0.00	46.16 1.65 0.00	29.06 0.94 0.00	25.87 0.81 0.00	23.57 0.69 0.00	26.52 0.57 0.00	29.19 0.51 0.00	26.83 0.44 0.00

STATE_ST_34_KV_LOAD 55959	14.93 -0.18 1.37	11.69 -0.13 -0.05	2.68 -0.01 -1.76	2.96 -0.01 -1.79	7.39 -0.04 -0.87	20.75 -0.07 0.24	23.04 -0.04 0.00	31.18 -0.09 0.00	22.75 -0.16 0.00	19.72 -0.12 0.00	22.06 -0.13 0.00	23.56 -0.04 0.00	26.31 0.13 0.00	26.93 0.20 0.00	25.70 0.23 0.00	24.58 -0.01 0.00	32.34 0.34 0.00	45.08 0.57 0.00	28.37 0.25 0.00	25.39 0.33 0.00	23.10 0.21 0.00	26.04 0.09 0.00	28.80 0.12 0.00	26.39 -0.01 0.00
STATION 5_MISC_HYD 23604	12.29 -1.15 3.02	10.62 -0.83 0.32	2.51 -0.07 -1.65	2.79 -0.07 -1.69	6.52 -0.43 -0.39	19.25 -1.27 0.54	21.75 -1.33 0.00	28.75 -1.52 0.99	22.02 -0.88 0.01	19.10 -0.74 0.00	21.49 -0.69 0.00	23.18 -0.42 0.00	25.93 -0.25 0.00	26.45 -0.28 0.00	25.27 -0.20 0.00	24.21 -0.38 0.02	31.70 -0.30 0.00	43.63 -0.56 0.32	27.54 -0.58 0.00	24.60 -0.47 0.00	22.21 -0.67 0.00	25.23 -0.72 0.00	28.06 -0.62 0.00	25.87 -0.52 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	12.44 -0.78 3.24	10.82 -0.57 0.38	2.48 -0.05 -1.60	2.77 -0.05 -1.64	6.57 -0.29 -0.31	19.66 -0.82 0.58	22.26 -0.81 0.00	29.59 -0.92 0.76	22.31 -0.59 0.01	19.34 -0.50 0.00	21.73 -0.45 0.00	23.32 -0.28 0.00	26.02 -0.16 0.00	26.59 -0.14 0.00	25.39 -0.08 0.00	24.31 -0.27 0.01	31.88 -0.13 0.00	44.06 -0.20 0.25	27.91 -0.21 0.00	24.91 -0.16 0.00	22.55 -0.33 0.00	25.52 -0.43 0.00	28.30 -0.38 0.00	26.05 -0.34 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	12.25 -1.18 3.04	10.59 -0.85 0.33	2.49 -0.07 -1.63	2.76 -0.08 -1.67	6.49 -0.44 -0.37	19.20 -1.31 0.54	21.70 -1.37 0.00	28.59 -1.68 1.00	21.80 -1.10 0.01	18.93 -0.91 0.00	21.31 -0.87 0.00	22.93 -0.66 0.00	25.62 -0.56 0.00	26.15 -0.59 0.00	24.96 -0.51 0.00	23.91 -0.67 0.02	31.32 -0.69 0.00	43.11 -1.07 0.33	27.26 -0.86 0.00	24.33 -0.73 0.00	22.00 -0.89 0.00	24.98 -0.97 0.00	27.77 -0.91 0.00	25.61 -0.79 0.00
STA_56___34_KV_BUS2 355983	12.25 -1.18 3.04	10.59 -0.85 0.33	2.49 -0.07 -1.63	2.76 -0.08 -1.67	6.49 -0.44 -0.37	19.20 -1.31 0.54	21.70 -1.37 0.00	28.59 -1.68 1.00	21.80 -1.10 0.01	18.93 -0.91 0.00	21.31 -0.87 0.00	22.93 -0.66 0.00	25.62 -0.56 0.00	26.15 -0.59 0.00	24.96 -0.51 0.00	23.91 -0.67 0.02	31.32 -0.69 0.00	43.11 -1.07 0.33	27.26 -0.86 0.00	24.33 -0.73 0.00	22.00 -0.89 0.00	24.98 -0.97 0.00	27.77 -0.91 0.00	25.61 -0.79 0.00
STA_67___115KV_BK2 355882	12.27 -1.18 3.02	10.60 -0.86 0.32	2.51 -0.07 -1.65	2.79 -0.08 -1.69	6.51 -0.44 -0.40	19.22 -1.31 0.54	21.70 -1.37 0.00	28.57 -1.70 0.99	21.80 -1.11 0.01	18.93 -0.91 0.00	21.31 -0.87 0.00	22.96 -0.64 0.00	25.66 -0.51 0.00	26.19 -0.55 0.00	25.00 -0.48 0.00	23.93 -0.65 0.02	31.34 -0.66 0.00	43.14 -1.04 0.33	27.21 -0.91 0.00	24.30 -0.77 0.00	21.94 -0.94 0.00	24.95 -1.00 0.00	27.77 -0.91 0.00	25.63 -0.77 0.00
STA_7___115KV_9TRANS 80674	12.35 -1.09 3.03	10.65 -0.80 0.32	2.52 -0.06 -1.65	2.79 -0.07 -1.69	6.54 -0.41 -0.39	19.33 -1.19 0.54	21.84 -1.24 0.00	28.86 -1.42 0.99	22.08 -0.83 0.01	19.15 -0.69 0.00	21.57 -0.62 0.00	23.25 -0.34 0.00	25.99 -0.19 0.00	26.51 -0.23 0.00	25.33 -0.14 0.00	24.27 -0.31 0.02	31.79 -0.21 0.00	43.75 -0.43 0.32	27.63 -0.49 0.00	24.67 -0.39 0.00	22.28 -0.61 0.00	25.30 -0.64 0.00	28.14 -0.54 0.00	25.93 -0.46 0.00
STA_82___115KV_TB1 80780	12.24 -1.18 3.05	10.59 -0.85 0.33	2.52 -0.07 -1.66	2.79 -0.08 -1.70	6.50 -0.44 -0.39	19.21 -1.30 0.55	21.71 -1.36 0.00	28.59 -1.69 0.99	21.82 -1.09 0.01	18.93 -0.91 0.00	21.33 -0.86 0.00	22.97 -0.63 0.00	25.68 -0.50 0.00	26.20 -0.53 0.00	25.01 -0.47 0.00	23.95 -0.63 0.02	31.37 -0.63 0.00	43.18 -1.01 0.32	27.27 -0.85 0.00	24.35 -0.72 0.00	21.99 -0.90 0.00	25.00 -0.95 0.00	27.82 -0.86 0.00	25.67 -0.73 0.00
STEEL___WIND 323596	9.85 -1.64 4.97	9.87 -1.24 0.66	2.85 -0.10 -2.03	3.15 -0.11 -2.09	6.12 -0.63 -0.19	18.34 -1.84 0.88	21.14 -1.93 0.00	28.02 -2.38 0.86	21.42 -1.48 0.01	18.68 -1.16 0.00	21.09 -1.10 0.00	22.77 -0.83 0.00	25.64 -0.54 0.00	26.19 -0.55 0.00	24.96 -0.51 0.00	23.69 -0.89 0.01	31.09 -0.91 0.00	42.87 -1.36 0.28	26.96 -1.16 0.00	24.14 -0.92 0.00	21.64 -1.25 0.00	24.74 -1.22 0.00	27.78 -0.90 0.00	25.74 -0.66 0.00
STEPHTWN_115KV_BK_2 55603	17.04 0.57 0.00	16.62 0.35 -4.49	24.75 0.02 -23.80	25.23 0.03 -24.03	22.89 0.18 -16.16	21.63 0.57 0.00	23.62 0.56 0.00	32.09 0.83 0.00	23.50 0.59 0.00	20.32 0.48 0.00	22.67 0.48 0.00	24.16 0.57 0.00	26.67 0.50 0.00	27.30 0.57 0.00	25.94 0.47 0.00	25.13 0.53 0.00	33.11 1.11 0.00	46.36 1.85 0.00	29.16 1.04 0.00	25.97 0.90 0.00	23.63 0.74 0.00	26.61 0.66 0.00	29.33 0.65 0.00	26.90 0.51 0.00
STEUBEN_REC_LFGE 323667	-3.42 -1.73 18.16	6.79 -1.28 3.70	1.33 -0.10 -0.50	1.69 -0.13 -0.64	1.87 -0.67 4.02	15.92 -1.90 3.24	21.33 -1.74 0.01	28.83 -1.94 0.50	21.79 -1.11 0.01	18.83 -1.02 0.00	21.18 -1.01 0.00	22.53 -1.07 0.00	25.53 -0.65 0.00	26.53 -0.21 0.00	24.88 -0.59 0.00	23.27 -1.32 0.01	30.64 -1.37 0.00	43.16 -1.18 0.17	27.83 -0.29 0.00	25.22 0.15 0.00	22.47 -0.41 0.00	24.96 -0.99 0.00	27.84 -0.84 0.00	25.53 -0.86 0.00
STILLWATER___SOLAR 323814	17.33 0.86 0.00	16.97 0.59 -4.60	25.37 0.04 -24.40	25.86 0.06 -24.63	23.44 0.33 -16.56	22.12 1.05 0.00	24.35 1.28 0.00	33.13 1.87 0.00	24.13 1.22 0.00	20.82 0.98 0.00	23.10 0.91 0.00	24.56 0.96 0.00	27.31 1.13 0.00	27.98 1.25 0.00	26.57 1.10 0.00	25.76 1.16 0.00	33.92 1.91 0.00	47.33 2.82 0.00	30.02 1.89 0.00	26.79 1.72 0.00	24.41 1.52 0.00	27.43 1.48 0.00	30.21 1.53 0.00	27.74 1.35 0.00
STONY___BROOK 24151	17.42 0.95 0.00	16.11 0.62 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.27 0.34 -13.39	22.19 1.13 0.00	24.36 1.29 0.00	33.09 1.83 0.00	24.20 1.29 0.00	20.91 1.07 0.00	23.53 1.35 0.00	24.91 1.32 0.00	27.55 1.38 0.00	28.29 1.56 0.00	27.03 1.55 0.00	26.24 1.64 0.00	34.27 2.27 0.00	47.09 2.58 0.00	30.05 1.93 0.00	26.65 1.58 0.00	24.21 1.32 0.00	26.95 1.00 0.00	30.05 1.37 0.00	27.44 1.04 0.00
STURGEON_POOL_HYD 23609	16.97 0.50 0.00	15.90 0.33 -3.80	21.10 0.02 -20.15	21.54 0.03 -20.34	20.38 0.15 -13.68	21.63 0.57 0.00	23.77 0.70 0.00	32.43 1.16 0.00	23.79 0.88 0.00	20.69 0.85 0.00	23.15 0.97 0.00	24.58 0.98 0.00	27.22 1.04 0.00	27.86 1.12 0.00	26.64 1.17 0.00	25.89 1.29 0.00	33.66 1.66 0.00	46.63 2.12 0.00	29.61 1.49 0.00	26.37 1.30 0.00	23.96 1.08 0.00	26.86 0.91 0.00	29.61 0.93 0.00	27.15 0.75 0.00
ST_LAW_115_BK7_LBMP 345037	16.37 -0.09 0.00	11.71 -0.06 0.00	0.93 0.00 0.00	1.17 0.00 0.00	6.54 -0.01 0.00	21.02 -0.04 0.00	23.07 0.00 0.00	31.10 -0.17 0.00	22.78 -0.13 0.00	19.68 -0.16 0.00	21.99 -0.19 0.00	23.31 -0.29 0.00	25.83 -0.35 0.00	26.24 -0.49 0.00	24.94 -0.53 0.00	24.07 -0.53 0.00	31.14 -0.86 0.00	43.31 -1.20 0.00	27.37 -0.75 0.00	24.35 -0.72 0.00	22.35 -0.54 0.00	25.64 -0.31 0.00	28.42 -0.26 0.00	26.24 -0.15 0.00

ST_LAW_115_BK8_LBMP 345038	16.37 -0.09 0.00	11.71 -0.06 0.00	0.93 0.00 0.00	1.17 0.00 0.00	6.54 -0.01 0.00	21.02 -0.04 0.00	23.07 0.00 0.00	31.10 -0.17 0.00	22.78 -0.13 0.00	19.68 -0.16 0.00	21.99 -0.19 0.00	23.31 -0.29 0.00	25.83 -0.35 0.00	26.24 -0.49 0.00	24.94 -0.53 0.00	24.07 -0.53 0.00	31.14 -0.86 0.00	43.31 -1.20 0.00	27.37 -0.75 0.00	24.35 -0.72 0.00	22.35 -0.54 0.00	25.64 -0.31 0.00	28.42 -0.26 0.00	26.24 -0.15 0.00
ST_LAW_230_BK5_LBMP 345035	16.37 -0.09 0.00	11.71 -0.06 0.00	0.93 0.00 0.00	1.17 0.00 0.00	6.54 -0.01 0.00	21.02 -0.04 0.00	23.07 0.00 0.00	31.11 -0.16 0.00	22.78 -0.13 0.00	19.69 -0.15 0.00	22.00 -0.18 0.00	23.33 -0.27 0.00	25.84 -0.33 0.00	26.27 -0.46 0.00	24.97 -0.50 0.00	24.11 -0.49 0.00	31.19 -0.81 0.00	43.37 -1.14 0.00	27.41 -0.71 0.00	24.39 -0.68 0.00	22.37 -0.51 0.00	25.66 -0.29 0.00	28.43 -0.25 0.00	26.25 -0.14 0.00
ST_LAW_230_BK6_LBMP 345036	16.37 -0.09 0.00	11.71 -0.06 0.00	0.93 0.00 0.00	1.17 0.00 0.00	6.54 -0.01 0.00	21.02 -0.04 0.00	23.07 0.00 0.00	31.11 -0.16 0.00	22.78 -0.13 0.00	19.69 -0.15 0.00	22.00 -0.18 0.00	23.33 -0.27 0.00	25.84 -0.33 0.00	26.27 -0.46 0.00	24.97 -0.50 0.00	24.11 -0.49 0.00	31.19 -0.81 0.00	43.37 -1.14 0.00	27.41 -0.71 0.00	24.39 -0.68 0.00	22.37 -0.51 0.00	25.66 -0.29 0.00	28.43 -0.25 0.00	26.25 -0.14 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	16.94 0.47 0.00	15.53 0.33 -3.44	19.16 0.02 -18.21	19.59 0.03 -18.39	19.07 0.15 -12.36	21.61 0.55 0.00	23.72 0.65 0.00	32.33 1.06 0.00	23.67 0.76 0.00	20.53 0.69 0.00	22.96 0.78 0.00	24.40 0.80 0.00	27.07 0.90 0.00	27.71 0.98 0.00	26.47 1.00 0.00	25.66 1.06 0.00	33.46 1.46 0.00	46.46 1.95 0.00	29.48 1.35 0.00	26.24 1.17 0.00	23.84 0.95 0.00	26.75 0.80 0.00	29.50 0.82 0.00	27.06 0.67 0.00
SWANROAD_115KV_TB1 355699	10.00 -2.17 4.30	9.58 -1.65 0.54	2.72 -0.12 -1.93	3.01 -0.14 -1.98	5.98 -0.84 -0.27	17.66 -2.63 0.77	20.27 -2.80 0.00	26.80 -3.56 0.91	20.56 -2.34 0.01	17.94 -1.90 0.00	20.29 -1.90 0.00	21.91 -1.69 0.00	24.65 -1.53 0.00	25.16 -1.56 0.00	23.95 -1.52 0.00	22.75 -1.83 0.02	29.81 -2.19 0.00	40.97 -3.24 0.30	25.77 -2.35 0.00	23.04 -2.03 0.00	20.65 -2.24 0.00	23.69 -2.26 0.00	26.74 -1.95 0.00	24.79 -1.61 0.00
SYNERGY___BIOGAS 323694	11.29 -1.38 3.80	10.27 -1.04 0.45	2.66 -0.08 -1.81	2.94 -0.09 -1.86	6.35 -0.52 -0.32	18.93 -1.46 0.68	21.64 -1.43 0.00	28.69 -1.64 0.94	21.92 -0.98 0.01	18.97 -0.87 0.00	21.35 -0.84 0.00	23.15 -0.44 0.00	26.05 -0.13 0.00	26.40 -0.33 0.00	25.21 -0.26 0.00	24.13 -0.45 0.02	31.72 -0.28 0.00	43.68 -0.52 0.31	27.43 -0.69 0.00	24.61 -0.45 0.00	22.10 -0.78 0.00	25.13 -0.82 0.00	28.13 -0.55 0.00	25.98 -0.41 0.00
SYRACUSE___ENERGY_ST1 323597	16.30 -0.17 0.00	12.00 -0.12 -0.36	2.80 -0.01 -1.88	3.06 -0.01 -1.90	7.77 -0.06 -1.28	20.90 -0.16 0.00	22.87 -0.21 0.00	30.97 -0.30 0.00	22.69 -0.22 0.00	19.69 -0.16 0.00	22.03 -0.16 0.00	23.49 -0.11 0.00	26.09 -0.08 0.00	26.69 -0.04 0.00	25.47 0.00 0.00	24.49 -0.10 0.00	32.06 0.06 0.00	44.68 0.17 0.00	28.20 0.08 0.00	25.17 0.10 0.00	22.91 0.03 0.00	25.86 -0.10 0.00	28.56 -0.12 0.00	26.26 -0.13 0.00
SYRACUSE___ENERGY_ST2 323598	16.30 -0.17 0.00	12.00 -0.12 -0.36	2.80 -0.01 -1.88	3.06 -0.01 -1.90	7.77 -0.06 -1.28	20.90 -0.16 0.00	22.87 -0.21 0.00	30.97 -0.30 0.00	22.69 -0.22 0.00	19.69 -0.16 0.00	22.03 -0.16 0.00	23.49 -0.11 0.00	26.09 -0.08 0.00	26.69 -0.04 0.00	25.47 0.00 0.00	24.49 -0.10 0.00	32.06 0.06 0.00	44.68 0.17 0.00	28.20 0.08 0.00	25.17 0.10 0.00	22.91 0.03 0.00	25.86 -0.10 0.00	28.56 -0.12 0.00	26.26 -0.13 0.00
SYRACUSE___POWER 24017	17.33 -0.20 -1.06	12.28 -0.14 -0.65	3.19 -0.01 -2.28	3.46 -0.02 -2.29	8.28 -0.07 -1.80	21.03 -0.22 -0.19	22.82 -0.25 0.00	30.66 -0.33 0.28	22.68 -0.23 0.00	19.67 -0.17 0.00	22.01 -0.17 0.00	23.48 -0.12 0.00	26.07 -0.11 0.00	26.67 -0.07 0.00	25.46 -0.01 0.00	24.50 -0.09 0.00	32.02 0.02 0.00	44.57 0.15 0.09	28.20 0.08 0.00	25.17 0.10 0.00	22.90 0.01 0.00	25.85 -0.10 0.00	28.54 -0.14 0.00	26.26 -0.13 0.00
TALLMAN___138KV_BK151 55660	16.98 0.52 0.00	15.65 0.35 -3.53	19.63 0.02 -18.68	20.06 0.03 -18.86	19.41 0.17 -12.68	21.67 0.61 0.00	23.79 0.72 0.00	32.45 1.18 0.00	23.75 0.83 0.00	20.60 0.76 0.00	23.05 0.87 0.00	24.50 0.90 0.00	27.20 1.03 0.00	27.84 1.10 0.00	26.59 1.12 0.00	25.79 1.19 0.00	33.61 1.61 0.00	46.65 2.14 0.00	29.60 1.47 0.00	26.33 1.27 0.00	23.91 1.02 0.00	26.82 0.86 0.00	29.58 0.90 0.00	27.13 0.73 0.00
TEALLAVE_115KV_TB7 355573	16.19 -0.28 0.00	11.89 -0.20 -0.32	2.60 -0.02 -1.70	2.87 -0.02 -1.71	7.60 -0.10 -1.15	20.74 -0.32 0.00	22.70 -0.38 0.00	30.38 -0.50 0.39	22.57 -0.34 0.00	19.59 -0.25 0.00	21.92 -0.26 0.00	23.38 -0.22 0.00	25.95 -0.22 0.00	26.55 -0.19 0.00	25.33 -0.14 0.00	24.38 -0.21 0.01	31.87 -0.13 0.00	44.27 -0.11 0.13	28.03 -0.09 0.00	25.01 -0.05 0.00	22.76 -0.12 0.00	25.70 -0.25 0.00	28.38 -0.30 0.00	26.12 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	10.69 -1.75 4.02	9.95 -1.32 0.49	2.69 -0.10 -1.86	2.97 -0.11 -1.91	6.19 -0.66 -0.30	18.40 -1.94 0.72	21.07 -2.00 0.00	27.91 -2.43 0.93	21.37 -1.54 0.01	18.58 -1.26 0.00	20.98 -1.20 0.00	22.69 -0.91 0.00	25.49 -0.68 0.00	25.97 -0.76 0.00	24.78 -0.69 0.00	23.60 -0.98 0.02	30.97 -1.03 0.00	42.57 -1.64 0.30	26.79 -1.33 0.00	23.98 -1.09 0.00	21.48 -1.41 0.00	24.48 -1.47 0.00	27.51 -1.17 0.00	25.46 -0.94 0.00
TEMPLE___115KV_TB 2 55572	16.20 -0.27 0.00	11.90 -0.20 -0.32	2.63 -0.02 -1.72	2.89 -0.02 -1.74	7.62 -0.10 -1.17	20.74 -0.32 0.00	22.71 -0.36 0.00	30.39 -0.49 0.39	22.58 -0.33 0.00	19.60 -0.24 0.00	21.94 -0.25 0.00	23.40 -0.20 0.00	25.98 -0.20 0.00	26.56 -0.17 0.00	25.35 -0.12 0.00	24.40 -0.18 0.01	31.90 -0.10 0.00	44.29 -0.09 0.13	28.05 -0.07 0.00	25.03 -0.04 0.00	22.78 -0.10 0.00	25.71 -0.24 0.00	28.40 -0.28 0.00	26.14 -0.25 0.00
TIANA____69_KV_BK 1 55817	17.37 0.90 0.00	16.08 0.58 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.25 0.31 -13.39	22.26 1.19 0.00	24.39 1.32 0.00	32.99 1.72 0.00	24.14 1.23 0.00	20.84 1.00 0.00	23.42 1.24 0.00	24.78 1.18 0.00	27.36 1.18 0.00	28.14 1.41 0.00	26.88 1.41 0.00	26.13 1.54 0.00	34.16 2.16 0.00	47.16 2.65 0.00	29.92 1.79 0.00	26.54 1.47 0.00	24.12 1.23 0.00	26.79 0.84 0.00	29.74 1.06 0.00	27.17 0.78 0.00
TILDEN___115KV_TB1 80814	17.33 -0.20 -1.06	12.28 -0.14 -0.65	3.19 -0.01 -2.28	3.46 -0.02 -2.29	8.28 -0.07 -1.80	21.03 -0.22 -0.19	22.82 -0.25 0.00	30.66 -0.33 0.28	22.68 -0.23 0.00	19.67 -0.17 0.00	22.01 -0.17 0.00	23.48 -0.12 0.00	26.07 -0.11 0.00	26.67 -0.07 0.00	25.46 -0.01 0.00	24.50 -0.09 0.00	32.02 0.02 0.00	44.57 0.15 0.09	28.20 0.08 0.00	25.17 0.10 0.00	22.90 0.01 0.00	25.85 -0.10 0.00	28.54 -0.14 0.00	26.26 -0.13 0.00

TRIGEN___CC 323695	17.29 0.82 0.00	16.04 0.55 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.22 0.28 -13.39	22.03 0.96 0.00	24.19 1.12 0.00	32.91 1.65 0.00	24.09 1.18 0.00	20.88 1.03 0.00	23.49 1.31 0.00	24.95 1.35 0.00	27.63 1.45 0.00	28.32 1.59 0.00	27.04 1.56 0.00	26.19 1.60 0.00	34.12 2.12 0.00	47.21 2.70 0.00	30.03 1.91 0.00	26.69 1.62 0.00	24.25 1.37 0.00	27.13 1.18 0.00	30.03 1.35 0.00	27.48 1.09 0.00
TRINITY___115KV___4 BK 55933	16.96 0.49 0.00	16.62 0.34 -4.50	24.79 0.02 -23.85	25.27 0.03 -24.08	22.90 0.16 -16.19	21.53 0.46 0.00	23.47 0.40 0.00	31.85 0.59 0.00	23.35 0.44 0.00	20.23 0.39 0.00	22.54 0.35 0.00	23.97 0.37 0.00	26.48 0.31 0.00	27.12 0.39 0.00	25.78 0.31 0.00	24.93 0.33 0.00	32.78 0.77 0.00	45.92 1.41 0.00	28.91 0.79 0.00	25.74 0.66 0.00	23.45 0.56 0.00	26.38 0.43 0.00	29.05 0.37 0.00	26.71 0.31 0.00
UNION___PROCESSING_DRP 323587	12.24 -1.17 3.05	10.59 -0.85 0.33	2.52 -0.07 -1.66	2.80 -0.08 -1.70	6.51 -0.44 -0.39	19.21 -1.30 0.55	21.71 -1.36 0.00	28.60 -1.68 0.98	21.82 -1.09 0.01	18.94 -0.90 0.00	21.33 -0.85 0.00	22.97 -0.63 0.00	25.69 -0.49 0.00	26.21 -0.53 0.00	25.01 -0.46 0.00	23.96 -0.62 0.02	31.37 -0.63 0.00	43.19 -1.00 0.32	27.27 -0.85 0.00	24.36 -0.71 0.00	22.00 -0.89 0.00	25.01 -0.95 0.00	27.83 -0.85 0.00	25.68 -0.72 0.00
UPPER HUDSON___HYD 24058	17.49 1.02 0.00	17.11 0.72 -4.63	25.49 0.05 -24.51	25.99 0.07 -24.74	23.60 0.41 -16.64	22.43 1.36 0.00	24.78 1.70 0.00	33.72 2.45 0.00	24.48 1.57 0.00	21.10 1.26 0.00	23.29 1.10 0.00	24.75 1.15 0.00	27.52 1.35 0.00	28.16 1.43 0.00	26.74 1.27 0.00	25.98 1.39 0.00	34.23 2.23 0.00	47.70 3.20 0.00	30.36 2.24 0.00	27.09 2.02 0.00	24.78 1.90 0.00	27.89 1.94 0.00	30.70 2.02 0.00	28.16 1.77 0.00
UPPER RAQUET___HYD 24056	23.30 -0.60 -7.43	17.87 -0.43 -6.53	1.92 -0.03 -1.02	3.05 -0.04 -1.91	7.09 -0.22 -0.76	20.33 -0.73 0.00	22.41 -0.66 0.00	30.25 -1.02 0.00	22.12 -0.79 0.00	19.06 -0.79 0.00	21.27 -0.92 0.00	22.57 -1.03 0.00	24.98 -1.19 0.00	25.33 -1.40 0.00	24.07 -1.41 0.00	23.34 -1.26 0.00	30.26 -1.74 0.00	42.34 -2.17 0.00	26.83 -1.29 0.00	23.93 -1.14 0.00	21.95 -0.94 0.00	25.14 -0.81 0.00	27.87 -0.81 0.00	25.74 -0.66 0.00
VALLEY44_115KV_TB2 355964	9.39 -0.86 6.22	10.16 -0.71 0.90	2.98 -0.06 -2.11	3.29 -0.06 -2.17	6.15 -0.34 0.05	18.98 -0.98 1.11	22.11 -0.96 0.00	29.33 -1.14 0.80	22.26 -0.64 0.01	19.40 -0.44 0.00	21.84 -0.34 0.00	23.50 -0.11 -0.01	26.38 0.20 0.00	26.88 0.14 -0.01	25.70 0.23 0.00	24.48 -0.10 0.01	32.13 0.13 0.00	44.39 0.13 0.26	27.97 -0.15 0.00	24.96 -0.11 0.00	22.46 -0.43 0.00	25.44 -0.51 0.00	28.47 -0.21 0.00	26.35 -0.05 0.00
VALLEY___115KV_TB 1-4 80826	16.37 -0.10 0.00	11.72 -0.05 0.00	0.92 -0.01 0.00	1.17 0.00 0.00	6.59 0.04 0.00	21.20 0.13 0.00	23.17 0.09 0.00	31.34 0.08 0.00	22.99 0.08 0.00	19.96 0.12 0.00	22.22 0.03 0.00	23.56 -0.04 0.00	26.35 0.18 0.00	26.65 -0.09 0.00	25.54 0.07 0.00	24.72 0.12 0.00	32.41 0.41 0.00	45.27 0.76 0.00	28.59 0.47 0.00	25.31 0.24 0.00	23.13 0.24 0.00	26.18 0.23 0.00	28.99 0.31 0.00	26.63 0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	16.91 0.43 0.00	13.66 0.31 -1.58	9.31 0.02 -8.36	9.64 0.03 -8.44	12.40 0.17 -5.68	21.64 0.58 0.00	23.82 0.75 0.00	32.25 1.12 0.14	23.67 0.76 0.00	20.49 0.65 0.00	22.94 0.75 0.00	24.46 0.86 0.00	27.13 0.96 0.00	27.73 1.00 0.00	26.43 0.96 0.00	25.55 0.96 0.00	33.41 1.40 0.00	46.37 1.91 0.05	29.34 1.21 0.00	26.16 1.10 0.00	23.83 0.95 0.00	26.85 0.90 0.00	29.63 0.95 0.00	27.19 0.79 0.00
VISCHER___FERRY HYD 24020	17.16 0.69 0.00	16.79 0.48 -4.54	25.03 0.03 -24.07	25.52 0.05 -24.30	23.14 0.25 -16.34	21.83 0.77 0.00	23.96 0.89 0.00	32.58 1.31 0.00	23.86 0.94 0.00	20.67 0.83 0.00	22.97 0.78 0.00	24.39 0.79 0.00	27.03 0.85 0.00	27.68 0.94 0.00	26.24 0.77 0.00	25.45 0.85 0.00	33.53 1.53 0.00	46.79 2.28 0.00	29.59 1.47 0.00	26.42 1.35 0.00	24.04 1.15 0.00	26.96 1.02 0.00	29.72 1.04 0.00	27.31 0.92 0.00
V_A_10_SYNC_DSASP 323832	11.01 -1.80 3.66	10.05 -1.30 0.42	2.62 -0.10 -1.80	2.90 -0.12 -1.84	6.22 -0.68 -0.34	18.36 -2.05 0.66	20.90 -2.18 0.00	27.54 -2.74 0.98	21.06 -1.84 0.01	18.34 -1.51 0.00	20.66 -1.53 0.00	22.32 -1.28 0.00	25.05 -1.12 0.00	25.59 -1.14 0.00	24.37 -1.10 0.00	23.23 -1.35 0.02	30.44 -1.55 0.00	41.87 -2.32 0.32	26.38 -1.74 0.00	23.56 -1.51 0.00	21.20 -1.69 0.00	24.21 -1.73 0.00	27.13 -1.55 0.00	25.10 -1.29 0.00
V_CMM_10_SYNC_DSASP 323787	16.46 -0.01 0.00	11.77 0.00 0.00	0.93 0.01 0.00	1.18 0.00 0.00	6.57 0.02 0.00	21.13 0.07 0.00	23.19 0.12 0.00	31.27 0.00 0.00	22.89 -0.02 0.00	19.79 -0.05 0.00	22.11 -0.07 0.00	23.44 -0.16 0.00	25.97 -0.20 0.00	26.39 -0.34 0.00	25.08 -0.40 0.00	24.21 -0.39 0.00	31.32 -0.69 0.00	43.54 -0.96 0.00	27.52 -0.60 0.00	24.48 -0.59 0.00	22.46 -0.42 0.00	25.78 -0.17 0.00	28.58 -0.10 0.00	26.38 -0.01 0.00
V_CMP_10_SYNC_DSASP 323788	-21.23 -0.53 37.16	-21.23 -0.37 32.63	-4.17 0.00 5.09	-8.41 -0.03 9.55	2.57 -0.18 3.80	20.52 -0.55 0.00	22.75 -0.32 0.00	30.70 -0.57 0.00	22.43 -0.48 0.00	19.32 -0.52 0.00	21.49 -0.69 0.00	22.49 -1.11 0.00	24.86 -1.32 0.00	25.59 -1.14 0.00	24.54 -0.93 0.00	23.78 -0.82 0.00	30.79 -1.21 0.00	43.18 -1.33 0.00	27.72 -0.40 0.00	24.75 -0.32 0.00	22.51 -0.37 0.00	25.73 -0.22 0.00	28.46 -0.22 0.00	26.19 -0.21 0.00
V_D_10_SYNC_DSASP 323841	16.49 0.02 0.00	11.79 0.02 0.00	0.93 0.01 0.00	1.18 0.01 0.00	6.59 0.03 0.00	21.17 0.11 0.00	23.25 0.18 0.00	31.35 0.08 0.00	22.94 0.03 0.00	19.81 -0.03 0.00	22.14 -0.05 0.00	23.48 -0.12 0.00	26.02 -0.16 0.00	26.43 -0.30 0.00	25.10 -0.37 0.00	24.25 -0.35 0.00	31.37 -0.64 0.00	43.65 -0.86 0.00	27.59 -0.53 0.00	24.56 -0.51 0.00	22.53 -0.35 0.00	25.86 -0.10 0.00	28.67 -0.02 0.00	26.47 0.08 0.00
V_E_10_SYNC_DSASP 323830	26.74 0.53 -9.74	15.68 0.29 -3.62	9.34 0.04 -8.38	9.61 0.04 -8.39	14.84 0.26 -8.03	23.69 0.88 -1.74	24.36 1.28 0.00	33.10 2.05 0.22	24.26 1.35 0.00	20.71 0.87 0.00	23.04 0.86 0.00	24.67 1.07 0.00	27.38 1.21 0.00	28.03 1.30 0.00	26.93 1.46 0.00	25.99 1.40 0.00	34.27 2.27 0.00	48.06 3.62 0.07	30.40 2.28 0.00	27.27 2.20 0.00	24.90 2.01 0.00	27.97 2.02 0.00	30.78 2.10 0.00	28.00 1.60 0.00
V_F_30_NSYNC___DSASP 323816	17.33 0.86 0.00	16.98 0.60 -4.61	25.42 0.05 -24.45	25.92 0.06 -24.68	23.48 0.33 -16.60	22.12 1.06 0.00	24.36 1.29 0.00	33.16 1.90 0.00	24.14 1.23 0.00	20.84 1.00 0.00	23.14 0.95 0.00	24.60 1.00 0.00	27.35 1.18 0.00	28.02 1.29 0.00	26.61 1.14 0.00	25.79 1.19 0.00	33.95 1.94 0.00	47.36 2.85 0.00	30.03 1.91 0.00	26.79 1.73 0.00	24.42 1.53 0.00	27.45 1.50 0.00	30.23 1.56 0.00	27.77 1.37 0.00



V_F_30_SYNC_DSASP 323786	17.00 0.53 0.00	16.68 0.38 -4.53	24.95 0.02 -24.01	25.44 0.03 -24.23	23.03 0.18 -16.30	21.60 0.54 0.00	23.55 0.48 0.00	31.99 0.72 0.00	23.45 0.54 0.00	20.30 0.46 0.00	22.63 0.45 0.00	24.07 0.47 0.00	26.62 0.44 0.00	27.26 0.53 0.00	25.92 0.45 0.00	25.06 0.46 0.00	32.96 0.96 0.00	46.16 1.65 0.00	29.06 0.94 0.00	25.87 0.81 0.00	23.57 0.69 0.00	26.51 0.56 0.00	29.19 0.51 0.00	26.83 0.43 0.00
V_XM_10_SYNC_DSASP 323789	-21.23 -0.53 37.16	-21.23 -0.37 32.63	-4.17 0.00 5.09	-8.41 -0.03 9.55	2.57 -0.18 3.80	20.52 -0.55 0.00	22.75 -0.32 0.00	30.70 -0.57 0.00	22.43 -0.48 0.00	19.32 -0.52 0.00	21.49 -0.69 0.00	22.49 -1.11 0.00	24.86 -1.32 0.00	25.59 -1.14 0.00	24.54 -0.93 0.00	23.78 -0.82 0.00	30.79 -1.21 0.00	43.18 -1.33 0.00	27.72 -0.40 0.00	24.75 -0.32 0.00	22.51 -0.37 0.00	25.73 -0.22 0.00	28.46 -0.22 0.00	26.19 -0.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.04 0.58 0.00	15.72 0.39 -3.55	19.75 0.03 -18.80	20.19 0.03 -18.98	19.51 0.19 -12.76	21.74 0.68 0.00	23.88 0.80 0.00	32.55 1.29 0.00	23.83 0.92 0.00	20.68 0.84 0.00	23.14 0.95 0.00	24.59 0.99 0.00	27.29 1.12 0.00	27.94 1.21 0.00	26.69 1.22 0.00	25.89 1.29 0.00	33.75 1.74 0.00	46.84 2.33 0.00	29.72 1.60 0.00	26.45 1.38 0.00	24.01 1.12 0.00	26.92 0.97 0.00	29.68 1.00 0.00	27.22 0.82 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	17.15 0.68 0.00	15.96 0.47 -3.72	20.68 0.03 -19.72	21.12 0.04 -19.91	20.17 0.23 -13.39	21.84 0.78 0.00	23.98 0.91 0.00	32.69 1.43 0.00	24.00 1.09 0.00	20.87 1.02 0.00	23.39 1.20 0.00	24.85 1.25 0.00	27.57 1.39 0.00	28.21 1.48 0.00	26.94 1.46 0.00	26.15 1.55 0.00	34.07 2.06 0.00	47.26 2.75 0.00	30.01 1.89 0.00	26.68 1.61 0.00	24.22 1.34 0.00	27.12 1.17 0.00	29.87 1.19 0.00	27.37 0.97 0.00
W50THST__13_KV_LOAD 356117	17.21 0.74 0.00	16.00 0.51 -3.72	20.68 0.04 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.92 0.86 0.00	24.07 1.01 0.00	32.84 1.57 0.00	24.13 1.21 0.00	21.00 1.15 0.00	23.54 1.35 0.00	25.01 1.41 0.00	27.75 1.57 0.00	28.41 1.68 0.00	27.13 1.66 0.00	26.33 1.74 0.00	34.30 2.30 0.00	47.58 3.07 0.00	30.21 2.08 0.00	26.84 1.77 0.00	24.35 1.46 0.00	27.26 1.31 0.00	30.01 1.33 0.00	27.48 1.08 0.00
WADING RIVER_IC_1 23522	17.25 0.78 0.00	15.99 0.50 -3.72	20.67 0.03 -19.72	21.12 0.04 -19.91	20.20 0.26 -13.39	22.03 0.97 0.00	24.09 1.02 0.00	32.56 1.30 0.00	23.81 0.90 0.00	20.56 0.71 0.00	23.11 0.93 0.00	24.44 0.84 0.00	26.98 0.80 0.00	27.73 1.00 0.00	26.50 1.03 0.00	25.76 1.16 0.00	33.64 1.64 0.00	46.44 1.93 0.00	29.58 1.46 0.00	26.28 1.21 0.00	23.88 1.00 0.00	26.56 0.61 0.00	29.51 0.82 0.00	26.96 0.57 0.00
WADING RIVER_IC_2 23547	17.25 0.78 0.00	15.99 0.50 -3.72	20.67 0.03 -19.72	21.12 0.04 -19.91	20.20 0.26 -13.39	22.03 0.97 0.00	24.09 1.02 0.00	32.56 1.30 0.00	23.81 0.90 0.00	20.56 0.71 0.00	23.11 0.93 0.00	24.44 0.84 0.00	26.98 0.80 0.00	27.73 1.00 0.00	26.50 1.03 0.00	25.76 1.16 0.00	33.64 1.64 0.00	46.44 1.93 0.00	29.58 1.46 0.00	26.28 1.21 0.00	23.88 1.00 0.00	26.56 0.61 0.00	29.51 0.82 0.00	26.96 0.57 0.00
WADING RIVER_IC_3 23601	17.25 0.78 0.00	15.99 0.50 -3.72	20.67 0.03 -19.72	21.12 0.04 -19.91	20.20 0.26 -13.39	22.03 0.97 0.00	24.09 1.02 0.00	32.56 1.30 0.00	23.81 0.90 0.00	20.56 0.71 0.00	23.11 0.93 0.00	24.44 0.84 0.00	26.98 0.80 0.00	27.73 1.00 0.00	26.50 1.03 0.00	25.76 1.16 0.00	33.64 1.64 0.00	46.44 1.93 0.00	29.58 1.46 0.00	26.28 1.21 0.00	23.88 1.00 0.00	26.56 0.61 0.00	29.51 0.82 0.00	26.96 0.57 0.00
WALDENNY_12_KV_BK2 80841	9.93 -1.64 4.90	9.88 -1.25 0.65	2.85 -0.09 -2.02	3.14 -0.11 -2.08	6.13 -0.62 -0.20	18.33 -1.86 0.87	21.12 -1.94 0.00	28.01 -2.39 0.87	21.41 -1.49 0.01	18.69 -1.15 0.00	21.13 -1.05 0.00	22.79 -0.81 0.00	25.63 -0.54 0.00	26.21 -0.53 0.00	24.96 -0.51 0.00	23.70 -0.89 0.01	31.08 -0.92 0.00	42.83 -1.39 0.28	26.95 -1.18 0.00	24.11 -0.96 0.00	21.62 -1.27 0.00	24.71 -1.24 0.00	27.76 -0.91 0.00	25.72 -0.68 0.00
WALDEN__HYDRO 24148	17.02 0.56 0.00	15.73 0.38 -3.58	19.91 0.03 -18.96	20.35 0.03 -19.14	19.61 0.18 -12.87	21.71 0.65 0.00	23.84 0.77 0.00	32.49 1.22 0.00	23.80 0.88 0.00	20.64 0.80 0.00	23.09 0.90 0.00	24.51 0.91 0.00	27.18 1.01 0.00	27.83 1.09 0.00	26.59 1.12 0.00	25.79 1.20 0.00	33.65 1.64 0.00	46.72 2.21 0.00	29.67 1.55 0.00	26.44 1.37 0.00	24.01 1.13 0.00	26.93 0.98 0.00	29.69 1.01 0.00	27.22 0.82 0.00
WARRENSBURG____ 23737	17.49 1.02 0.00	17.11 0.72 -4.63	25.49 0.05 -24.51	25.99 0.07 -24.74	23.60 0.41 -16.64	22.43 1.36 0.00	24.78 1.70 0.00	33.72 2.45 0.00	24.48 1.57 0.00	21.10 1.26 0.00	23.29 1.10 0.00	24.75 1.15 0.00	27.52 1.35 0.00	28.16 1.43 0.00	26.74 1.27 0.00	25.98 1.39 0.00	34.23 2.23 0.00	47.70 3.20 0.00	30.36 2.24 0.00	27.09 2.02 0.00	24.78 1.90 0.00	27.89 1.94 0.00	30.70 2.02 0.00	28.16 1.77 0.00
WATERSIDE____6 8 9 23538	17.19 0.72 0.00	15.99 0.50 -3.72	20.68 0.03 -19.72	21.13 0.04 -19.91	20.19 0.24 -13.39	21.91 0.84 0.00	24.04 0.97 0.00	32.76 1.50 0.00	24.08 1.16 0.00	20.93 1.09 -0.01	23.45 1.26 0.00	24.70 1.31 0.21	26.51 1.46 1.13	26.17 1.56 2.12	25.54 1.54 1.47	23.70 1.63 2.53	32.62 2.15 1.53	47.34 2.83 0.00	28.31 1.95 1.76	24.19 1.67 2.55	21.22 1.39 3.06	24.58 1.22 2.59	28.00 1.25 1.93	25.81 1.02 1.61
WATKINRD_115KV_LN8_ILLION 55919	16.64 0.17 0.00	11.88 0.11 0.00	0.93 0.00 0.00	1.18 0.01 0.00	6.59 0.04 0.00	21.17 0.11 0.00	23.27 0.19 0.00	31.45 0.18 0.00	22.91 0.00 0.00	19.76 -0.09 0.00	22.00 -0.18 0.00	23.46 -0.14 0.00	26.08 -0.09 0.00	26.78 0.05 0.00	25.45 -0.02 0.00	24.54 -0.06 0.00	32.25 0.24 0.00	45.33 0.82 0.00	28.68 0.56 0.00	25.62 0.55 0.00	23.36 0.47 0.00	26.29 0.34 0.00	28.95 0.27 0.00	26.54 0.14 0.00
WATSON____69_KV_BK 1 55734	17.55 1.09 0.00	16.21 0.72 -3.72	20.69 0.05 -19.72	21.14 0.06 -19.91	20.33 0.39 -13.39	22.36 1.30 0.00	24.58 1.51 0.00	33.43 2.16 0.00	24.44 1.53 0.00	21.11 1.27 0.00	23.76 1.57 0.00	25.18 1.58 0.00	27.87 1.69 0.00	28.62 1.89 0.00	27.33 1.86 0.00	26.52 1.92 0.00	34.67 2.66 0.00	47.87 3.36 0.00	30.55 2.43 0.00	27.10 2.04 0.00	24.62 1.74 0.00	27.43 1.49 0.00	30.41 1.74 0.00	27.77 1.38 0.00
WDELAWARE__HYD 323627	16.57 0.10 0.00	15.20 0.05 -3.37	18.80 0.00 -17.87	19.21 0.00 -18.04	18.69 0.00 -12.13	21.14 0.08 0.00	23.24 0.17 0.00	31.67 0.41 0.00	23.18 0.27 0.00	20.12 0.28 0.00	22.45 0.27 0.00	23.79 0.19 0.00	26.36 0.19 0.00	27.00 0.27 0.00	25.88 0.41 0.00	25.11 0.51 0.00	32.69 0.68 0.00	45.36 0.85 0.00	28.89 0.77 0.00	25.75 0.68 0.00	23.42 0.53 0.00	26.24 0.29 0.00	28.92 0.24 0.00	26.49 0.10 0.00

WEST BABYLON___IC 23714	17.51 1.05 0.00	16.19 0.70 -3.72	20.69 0.05 -19.72	21.14 0.06 -19.91	20.31 0.37 -13.39	22.31 1.24 0.00	24.52 1.45 0.00	33.36 2.10 0.00	24.39 1.48 0.00	21.07 1.23 0.00	23.72 1.53 0.00	25.15 1.55 0.00	27.85 1.67 0.00	28.59 1.85 0.00	27.30 1.82 0.00	26.47 1.87 0.00	34.59 2.59 0.00	47.79 3.28 0.00	30.47 2.35 0.00	27.06 1.99 0.00	24.59 1.70 0.00	27.43 1.48 0.00	30.39 1.71 0.00	27.77 1.37 0.00
WEST CANADA___HYD 24049	16.50 0.03 0.00	11.79 0.02 0.00	0.93 0.00 0.00	1.18 0.00 0.00	6.56 0.01 0.00	21.08 0.02 0.00	23.09 0.02 0.00	31.24 -0.03 0.00	22.91 0.00 0.00	19.84 0.00 0.00	22.17 -0.01 0.00	23.58 -0.01 0.00	26.16 -0.01 0.00	26.73 0.00 0.00	25.47 0.00 0.00	24.60 0.01 0.00	32.08 0.07 0.00	44.64 0.13 0.00	28.21 0.08 0.00	25.14 0.07 0.00	22.95 0.07 0.00	25.98 0.03 0.00	28.71 0.03 0.00	26.39 0.00 0.00
WESTERN_NY_WIND 24143	11.18 -1.42 3.87	10.23 -1.07 0.47	2.67 -0.08 -1.83	2.96 -0.09 -1.88	6.34 -0.53 -0.31	18.88 -1.50 0.69	21.60 -1.47 0.00	28.63 -1.70 0.94	21.88 -1.02 0.01	18.94 -0.90 0.00	21.35 -0.83 0.00	23.13 -0.46 0.00	26.01 -0.17 0.00	26.35 -0.38 0.00	25.17 -0.30 0.00	24.09 -0.49 0.02	31.67 -0.33 0.00	43.61 -0.59 0.31	27.38 -0.74 0.00	24.57 -0.50 0.00	22.05 -0.83 0.00	25.09 -0.86 0.00	28.08 -0.60 0.00	25.95 -0.45 0.00
WESTOVER___LESR 323668	14.08 -0.23 2.16	12.25 -0.17 -0.66	6.78 -0.01 -5.87	7.10 -0.02 -5.94	9.93 -0.10 -3.47	20.41 -0.27 0.39	22.84 -0.23 0.00	30.88 -0.15 0.24	22.80 -0.11 0.00	19.77 -0.07 0.00	22.17 -0.02 0.00	23.68 0.08 0.00	26.37 0.19 0.00	26.95 0.22 0.00	25.72 0.25 0.00	24.77 0.18 0.00	32.37 0.37 0.00	45.02 0.59 0.08	28.45 0.33 0.00	25.41 0.34 0.00	23.06 0.17 0.00	25.99 0.04 0.00	28.73 0.05 0.00	26.41 0.02 0.00
WETHRSFD_WT_PWR 323626	8.38 -1.69 6.40	9.58 -1.26 0.93	3.00 -0.10 -2.17	3.30 -0.11 -2.24	5.85 -0.64 0.06	18.06 -1.86 1.14	21.09 -1.99 0.00	28.02 -2.49 0.75	21.28 -1.63 0.01	18.50 -1.34 0.00	20.85 -1.33 0.00	22.46 -1.14 0.00	25.31 -0.87 0.00	25.86 -0.87 0.00	24.62 -0.85 0.00	23.26 -1.33 0.01	30.63 -1.38 0.00	42.58 -1.69 0.25	26.83 -1.29 0.00	24.02 -1.05 0.00	21.50 -1.38 0.00	24.52 -1.43 0.00	27.66 -1.01 0.00	25.66 -0.73 0.00
WHAVSTOR_138KV_BK127 55557	16.99 0.52 0.00	15.68 0.36 -3.55	19.78 0.02 -18.83	20.21 0.03 -19.00	19.51 0.17 -12.78	21.67 0.61 0.00	23.79 0.72 0.00	32.42 1.15 0.00	23.74 0.82 0.00	20.59 0.75 0.00	23.04 0.86 0.00	24.49 0.89 0.00	27.17 1.00 0.00	27.81 1.08 0.00	26.56 1.09 0.00	25.76 1.16 0.00	33.59 1.58 0.00	46.61 2.10 0.00	29.57 1.45 0.00	26.32 1.25 0.00	23.90 1.01 0.00	26.80 0.85 0.00	29.55 0.87 0.00	27.11 0.72 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	16.99 0.52 0.00	15.68 0.36 -3.55	19.78 0.02 -18.83	20.21 0.03 -19.00	19.51 0.17 -12.78	21.67 0.61 0.00	23.79 0.72 0.00	32.42 1.15 0.00	23.74 0.82 0.00	20.59 0.75 0.00	23.04 0.86 0.00	24.49 0.89 0.00	27.17 1.00 0.00	27.81 1.08 0.00	26.56 1.09 0.00	25.76 1.16 0.00	33.59 1.58 0.00	46.61 2.10 0.00	29.57 1.45 0.00	26.32 1.25 0.00	23.90 1.01 0.00	26.80 0.85 0.00	29.55 0.87 0.00	27.11 0.72 0.00
WHITEHAL_115KV_TB1 80871	17.65 1.18 0.00	17.24 0.85 -4.62	25.48 0.07 -24.48	25.99 0.09 -24.72	23.71 0.53 -16.62	22.94 1.88 0.00	25.56 2.49 0.00	34.69 3.43 0.00	25.03 2.12 0.00	21.50 1.66 0.00	23.72 1.54 0.00	25.07 1.47 0.00	27.80 1.63 0.00	28.59 1.85 0.00	27.07 1.60 0.00	26.73 2.13 0.00	35.48 3.47 0.00	48.98 4.47 0.00	30.86 2.74 0.00	27.50 2.43 0.00	25.19 2.31 0.00	28.51 2.56 0.00	31.40 2.72 0.00	28.79 2.39 0.00
WHITEPLN_13_KV_LOAD 356215	17.26 0.79 0.00	16.03 0.54 -3.72	20.65 0.04 -19.69	21.10 0.05 -19.88	20.19 0.27 -13.37	21.99 0.93 0.00	24.16 1.09 0.00	32.95 1.68 0.00	24.16 1.25 0.00	20.98 1.14 0.00	23.51 1.32 0.00	24.98 1.38 0.00	27.71 1.53 0.00	28.38 1.65 0.00	27.06 1.58 0.00	26.26 1.67 0.00	34.31 2.30 0.00	47.60 3.09 0.00	30.20 2.08 0.00	26.86 1.79 0.00	24.38 1.49 0.00	27.31 1.36 0.00	30.08 1.40 0.00	27.54 1.15 0.00
WM_FLOYD_69_KV_BK2 356380	17.34 0.88 0.00	16.06 0.57 -3.72	20.68 0.04 -19.72	21.13 0.05 -19.91	20.24 0.30 -13.39	22.15 1.08 0.00	24.27 1.20 0.00	32.86 1.60 0.00	24.04 1.13 0.00	20.74 0.90 0.00	23.30 1.12 0.00	24.65 1.05 0.00	27.22 1.05 0.00	27.98 1.24 0.00	26.73 1.26 0.00	25.98 1.38 0.00	33.94 1.94 0.00	46.84 2.34 0.00	29.89 1.77 0.00	26.56 1.50 0.00	24.13 1.25 0.00	26.86 0.91 0.00	29.82 1.14 0.00	27.25 0.86 0.00
WOODARD__115KV_TB2 355635	16.19 -0.28 0.00	11.89 -0.20 -0.32	2.62 -0.02 -1.71	2.88 -0.02 -1.72	7.61 -0.10 -1.16	20.73 -0.33 0.00	22.69 -0.39 0.00	30.48 -0.53 0.25	22.54 -0.37 0.00	19.57 -0.27 0.00	21.89 -0.29 0.00	23.34 -0.26 0.00	25.91 -0.27 0.00	26.50 -0.24 0.00	25.28 -0.19 0.00	24.34 -0.26 0.00	31.81 -0.19 0.00	44.24 -0.19 0.08	27.98 -0.14 0.00	24.97 -0.10 0.00	22.74 -0.15 0.00	25.67 -0.28 0.00	28.34 -0.34 0.00	26.09 -0.30 0.00
YORK___WARBASSE 23770	17.26 0.79 0.00	16.04 0.55 -3.72	20.69 0.04 -19.72	21.13 0.05 -19.91	20.21 0.27 -13.39	21.99 0.93 0.00	24.14 1.07 0.00	32.91 1.64 -0.01	24.18 1.26 -0.01	21.01 1.16 -0.01	23.55 1.36 0.00	26.05 1.42 -1.04	33.31 1.58 -5.56	38.89 1.71 -10.45	34.43 1.68 -7.28	38.79 1.75 -12.44	41.86 2.32 -7.54	47.52 3.01 0.00	38.90 2.11 -8.67	39.40 1.82 -12.51	39.43 1.52 -15.02	40.04 1.37 -12.72	39.56 1.42 -9.46	35.45 1.17 -7.89