

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/29/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	553.52	31.48	22.64	18.05	20.44	22.68	20.34	18.87	28.40	133.86	33.44	52.35	36.88	32.84	35.95	32.64	36.62	37.64	29.54	33.74	34.15	31.05	31.73	24.26
24138	0.88	0.86	1.06	0.86	0.89	1.04	1.12	1.16	1.14	1.54	1.85	3.16	2.20	2.05	2.34	2.00	2.26	2.40	1.95	2.04	2.07	1.90	1.91	1.27
	-534.37	-12.50	0.00	0.00	0.00	0.00	0.00	0.00	-9.14	-106.77	-2.58	0.00	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	563.76	32.39	22.67	18.06	20.45	22.70	20.35	18.87	28.41	133.90	33.52	52.49	36.99	32.93	36.02	32.73	36.73	37.77	29.65	33.85	34.26	31.14	31.79	24.31
24260	0.93	0.91	1.10	0.87	0.90	1.07	1.14	1.16	1.15	1.58	1.92	3.31	2.30	2.14	2.41	2.09	2.36	2.53	2.05	2.15	2.18	1.99	1.97	1.32
	-544.57	-13.36	0.00	0.00	0.00	0.00	0.00	0.00	-9.14	-106.77	-2.58	0.00	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	563.76	32.39	22.67	18.06	20.45	22.70	20.35	18.87	28.41	133.90	33.52	52.49	36.99	32.93	36.02	32.73	36.73	37.77	29.65	33.85	34.26	31.14	31.79	24.31
24261	0.93	0.91	1.10	0.87	0.90	1.07	1.14	1.16	1.15	1.58	1.92	3.31	2.30	2.14	2.41	2.09	2.36	2.53	2.05	2.15	2.18	1.99	1.97	1.32
	-544.57	-13.36	0.00	0.00	0.00	0.00	0.00	0.00	-9.14	-106.77	-2.58	0.00	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	19.12	18.96	22.44	17.89	20.32	22.63	20.10	18.76	19.32	27.44	31.23	52.96	37.24	33.03	36.05	32.96	36.90	37.92	29.83	34.17	34.41	31.14	31.83	24.29
24011	0.85	0.85	0.87	0.71	0.78	0.99	0.89	1.05	1.20	1.90	2.22	3.78	2.55	2.23	2.44	2.32	2.54	2.68	2.24	2.47	2.32	1.99	2.01	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.24	19.10	22.56	17.99	20.43	22.75	20.21	18.91	19.50	27.71	31.55	53.47	37.59	33.31	36.33	33.24	37.22	38.22	30.09	34.48	34.70	31.38	32.12	24.48
23798	0.97	0.98	0.98	0.80	0.88	1.11	1.00	1.19	1.37	2.16	2.54	4.29	2.90	2.51	2.72	2.60	2.86	2.98	2.49	2.78	2.62	2.23	2.30	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.12	18.96	22.44	17.89	20.32	22.63	20.10	18.76	19.32	27.44	31.23	52.96	37.24	33.03	36.05	32.96	36.90	37.92	29.83	34.17	34.41	31.14	31.83	24.29
24028	0.85	0.85	0.87	0.71	0.78	0.99	0.89	1.05	1.20	1.90	2.22	3.78	2.55	2.23	2.44	2.32	2.54	2.68	2.24	2.47	2.32	1.99	2.01	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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_NYS___DAM	18.86	18.77	22.24	17.74	20.11	22.34	19.89	18.42	18.88	26.74	30.31	51.42	36.54	32.23	35.33	32.32	35.95	36.96	29.09	33.30	33.61	30.56	31.32	24.02
23527	0.60	0.65	0.67	0.55	0.56	0.70	0.68	0.71	0.76	1.20	1.30	2.24	1.85	1.43	1.72	1.67	1.59	1.72	1.49	1.60	1.53	1.41	1.50	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	18.44	18.27	21.70	17.32	19.65	21.81	19.42	18.02	18.48	26.10	29.67	50.50	35.54	31.58	34.49	31.45	35.23	36.23	28.47	32.60	32.89	29.87	30.49	23.24
24190	0.17	0.15	0.13	0.14	0.10	0.17	0.21	0.31	0.35	0.56	0.66	1.32	0.86	0.78	0.88	0.81	0.87	0.99	0.88	0.90	0.80	0.71	0.67	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	18.25	18.09	21.53	17.16	19.53	21.49	19.11	17.60	18.00	25.41	28.90	48.96	34.48	30.54	33.32	30.40	34.14	34.95	27.30	31.48	31.89	28.98	29.66	22.83
355683	-0.01	-0.03	-0.05	-0.03	-0.02	-0.15	-0.10	-0.11	-0.13	-0.13	-0.11	-0.23	-0.20	-0.26	-0.30	-0.25	-0.21	-0.29	-0.30	-0.22	-0.19	-0.17	-0.16	-0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	18.44	18.27	21.70	17.32	19.65	21.81	19.42	18.02	18.48	26.10	29.67	50.50	35.54	31.58	34.49	31.45	35.23	36.23	28.47	32.60	32.89	29.87	30.49	23.24
23571	0.17	0.15	0.13	0.14	0.10	0.17	0.21	0.31	0.35	0.56	0.66	1.32	0.86	0.78	0.88	0.81	0.87	0.99	0.88	0.90	0.80	0.71	0.67	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	18.44	18.27	21.70	17.32	19.65	21.81	19.42	18.02	18.48	26.10	29.67	50.50	35.54	31.58	34.49	31.45	35.23	36.23	28.47	32.60	32.89	29.87	30.49	23.24
23572	0.17	0.15	0.13	0.14	0.10	0.17	0.21	0.31	0.35	0.56	0.66	1.32	0.86	0.78	0.88	0.81	0.87	0.99	0.88	0.90	0.80	0.71	0.67	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	18.44	18.27	21.70	17.32	19.65	21.81	19.42	18.02	18.48	26.10	29.67	50.50	35.54	31.58	34.49	31.45	35.23	36.23	28.47	32.60	32.89	29.87	30.49	23.24
23573	0.17	0.15	0.13	0.14	0.10	0.17	0.21	0.31	0.35	0.56	0.66	1.32	0.86	0.78	0.88	0.81	0.87	0.99	0.88	0.90	0.80	0.71	0.67	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	18.44 0.17 0.00	18.27 0.15 0.00	21.70 0.13 0.00	17.32 0.14 0.00	19.65 0.10 0.00	21.81 0.17 0.00	19.42 0.21 0.00	18.02 0.31 0.00	18.48 0.35 0.00	26.10 0.56 0.00	29.67 0.66 0.00	50.50 1.32 0.00	35.54 0.86 0.00	31.58 0.78 0.00	34.49 0.88 0.00	31.45 0.81 0.00	35.23 0.87 0.00	36.23 0.99 0.00	28.47 0.88 0.00	32.60 0.90 0.00	32.89 0.80 0.00	29.87 0.71 0.00	30.49 0.67 0.00	23.24 0.24 0.00
ALBANY___LFGE 323615	18.59 0.32 0.00	18.43 0.31 0.00	21.89 0.31 0.00	17.47 0.28 0.00	19.82 0.27 0.00	21.99 0.35 0.00	19.58 0.36 0.00	18.18 0.46 0.00	18.64 0.52 0.00	26.34 0.79 0.00	29.96 0.94 0.00	50.97 1.79 0.00	35.89 1.21 0.00	31.88 1.09 0.00	34.83 1.22 0.00	31.76 1.12 0.00	35.58 1.22 0.00	36.61 1.37 0.00	28.76 1.17 0.00	32.92 1.22 0.00	33.21 1.13 0.00	30.15 0.99 0.00	30.77 0.95 0.00	23.47 0.47 0.00
ALCOA_PA_115KV_PL-6C 55860	18.35 0.08 0.00	18.18 0.06 0.00	21.64 0.06 0.00	17.24 0.06 0.00	19.62 0.07 0.00	21.56 -0.08 0.00	19.17 -0.04 0.00	17.65 -0.06 0.00	18.05 -0.07 0.00	25.49 -0.06 0.00	30.67 -0.32 -1.98	49.05 -0.13 0.00	34.58 -0.10 0.00	30.61 -0.18 0.00	33.42 -0.19 0.00	30.49 -0.15 0.00	34.26 -0.10 0.00	35.06 -0.18 0.00	27.39 -0.21 0.00	31.58 -0.12 0.00	31.99 -0.09 0.00	29.09 -0.06 0.00	29.79 -0.02 0.00	22.95 -0.04 0.00
ALCOA_RYNLDS___DRP 24188	18.35 0.08 0.00	18.18 0.06 0.00	21.64 0.06 0.00	17.24 0.06 0.00	19.62 0.07 0.00	21.56 -0.08 0.00	19.17 -0.04 0.00	17.65 -0.06 0.00	18.05 -0.07 0.00	25.49 -0.06 0.00	30.67 -0.32 -1.98	49.05 -0.13 0.00	34.58 -0.10 0.00	30.61 -0.18 0.00	33.42 -0.19 0.00	30.49 -0.15 0.00	34.26 -0.10 0.00	35.06 -0.18 0.00	27.39 -0.21 0.00	31.58 -0.12 0.00	31.99 -0.09 0.00	29.09 -0.06 0.00	29.79 -0.02 0.00	22.95 -0.04 0.00
ALCOA___DSASP 323711	18.35 0.08 0.00	18.18 0.06 0.00	21.64 0.06 0.00	17.24 0.06 0.00	19.62 0.07 0.00	21.56 -0.08 0.00	19.17 -0.04 0.00	17.65 -0.06 0.00	18.05 -0.07 0.00	25.49 -0.06 0.00	30.67 -0.32 -1.98	49.05 -0.13 0.00	34.58 -0.10 0.00	30.61 -0.18 0.00	33.42 -0.19 0.00	30.49 -0.15 0.00	34.26 -0.10 0.00	35.07 -0.18 0.00	27.39 -0.20 0.00	31.58 -0.12 0.00	31.99 -0.09 0.00	29.09 -0.06 0.00	29.79 -0.02 0.00	22.95 -0.04 0.00
ALLEGHENY___COGEN 23514	19.23 0.96 0.00	19.01 0.90 0.00	22.70 1.13 0.00	18.13 0.94 0.00	20.77 1.23 0.00	23.13 1.49 0.00	20.44 1.23 0.00	18.67 0.96 0.00	19.21 1.08 0.00	26.96 1.42 0.00	30.57 1.56 0.00	51.57 2.38 0.00	36.27 1.59 0.00	32.34 1.55 0.00	35.33 1.71 0.00	32.28 1.64 0.00	36.27 1.91 0.00	37.10 1.86 0.00	29.26 1.67 0.00	33.62 1.92 0.00	34.13 2.05 0.00	30.98 1.83 0.00	31.62 1.80 0.00	24.49 1.49 0.00
ALTAMONT_115KV_TB 2 55880	18.64 0.37 0.00	18.50 0.38 0.00	22.01 0.43 0.00	17.52 0.33 0.00	19.88 0.32 0.00	22.06 0.41 0.00	19.63 0.42 0.00	18.20 0.48 0.00	18.65 0.52 0.00	26.33 0.78 0.00	29.93 0.92 0.00	50.88 1.70 0.00	35.82 1.14 0.00	31.82 1.03 0.00	34.77 1.16 0.00	31.69 1.05 0.00	35.51 1.15 0.00	36.50 1.26 0.00	28.67 1.07 0.00	32.84 1.13 0.00	33.16 1.08 0.00	30.12 0.96 0.00	30.77 0.95 0.00	23.54 0.55 0.00
ALTONA_WT_PWR 323606	18.79 0.53 0.00	18.72 0.61 0.00	22.21 0.63 0.00	17.72 0.53 0.00	20.22 0.67 0.00	22.32 0.68 0.00	19.81 0.60 0.00	18.31 0.60 0.00	18.77 0.65 0.00	26.53 0.99 0.00	115.75 1.33 -85.41	50.93 1.74 0.00	35.81 1.12 0.00	31.68 0.89 0.00	34.53 0.92 0.00	31.59 0.95 0.00	35.46 1.10 0.00	36.36 1.12 0.00	28.42 0.83 0.00	32.78 1.08 0.00	33.08 0.99 0.00	29.96 0.81 0.00	30.52 0.70 0.00	23.40 0.40 0.00
AMERICAN_REF_FUEL 24010	18.26 0.00 0.00	18.09 -0.03 0.00	21.62 0.05 0.00	17.35 0.16 0.00	19.98 0.44 0.00	22.25 0.61 0.00	19.54 0.33 0.00	17.66 -0.06 0.00	18.02 -0.10 0.00	25.36 -0.19 0.00	28.80 -0.21 0.00	48.18 -1.01 0.00	34.20 -0.48 0.00	30.36 -0.43 0.00	33.03 -0.59 0.00	30.12 -0.52 0.00	33.72 -0.64 0.00	34.15 -1.09 0.00	26.92 -0.67 0.00	30.87 -0.83 0.00	31.47 -0.61 0.00	28.80 -0.36 0.00	29.67 -0.15 0.00	23.25 0.26 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.05 0.78 0.00	18.81 0.70 0.00	22.40 0.83 0.00	17.87 0.68 0.00	20.55 0.99 0.00	22.82 1.18 0.00	20.08 0.87 0.00	18.40 0.69 0.00	18.65 0.53 0.00	26.57 1.02 0.00	30.03 1.02 0.00	50.22 1.04 0.00	35.79 1.10 0.00	31.98 1.19 0.00	34.80 1.20 0.00	31.92 1.28 0.00	35.81 1.45 0.00	36.38 1.14 0.00	28.61 1.02 0.00	32.95 1.25 0.00	33.53 1.44 0.00	30.54 1.39 0.00	31.23 1.41 0.00	24.40 1.40 0.00
ARTHUR_KILL_GT_1 23520	562.89 0.72 -543.90	32.33 0.90 -13.31	22.78 1.21 0.00	18.15 0.96 0.00	20.56 1.01 0.00	22.81 1.17 0.00	20.47 1.26 0.00	18.96 1.24 0.00	28.43 1.17 -9.14	131.43 1.40 -104.49	32.05 1.43 -1.61	51.36 2.28 0.11	36.32 1.64 0.01	32.33 1.55 0.01	35.36 1.76 0.01	32.21 1.57 0.01	36.22 1.86 0.01	37.35 2.11 0.00	29.48 1.89 0.00	33.47 1.78 0.00	33.97 1.88 0.00	30.83 1.68 0.00	31.44 1.62 0.00	24.23 1.24 0.00
ARTHUR_KILL_2 23512	562.84 0.67 -543.90	32.28 0.86 -13.31	22.73 1.15 0.00	18.11 0.92 0.00	20.52 0.96 0.00	22.76 1.13 0.00	20.43 1.21 0.00	18.91 1.20 0.00	28.39 1.12 -9.14	131.37 1.33 -104.49	31.98 1.36 -1.61	51.21 2.14 0.11	36.22 1.54 0.01	32.25 1.47 0.01	35.27 1.66 0.01	32.12 1.48 0.01	36.11 1.76 0.01	37.24 2.01 0.00	29.40 1.80 0.00	33.38 1.69 0.00	33.87 1.79 0.00	30.74 1.59 0.00	31.36 1.55 0.00	24.17 1.18 0.00
ARTHUR_KILL_3 23513	558.58 0.69 -539.63	31.75 0.69 -12.95	22.42 0.85 0.00	17.86 0.67 0.00	20.22 0.68 0.00	22.46 0.82 0.00	20.14 0.93 0.00	18.65 0.94 0.00	28.18 0.91 -9.14	132.96 1.23 -106.18	32.97 1.59 -2.36	51.93 2.75 0.00	36.60 1.92 0.00	32.59 1.79 0.00	35.66 2.05 0.00	32.38 1.74 0.00	36.32 1.96 0.00	37.37 2.13 0.00	29.32 1.73 0.00	33.49 1.79 0.00	33.89 1.81 0.00	30.83 1.68 0.00	31.47 1.65 0.00	24.07 1.08 0.00
ARTHUR_KILL_COGEN 323718	562.89 0.72 -543.90	32.33 0.90 -13.31	22.78 1.21 0.00	18.15 0.96 0.00	20.56 1.01 0.00	22.81 1.17 0.00	20.47 1.26 0.00	18.96 1.24 0.00	28.43 1.17 -9.14	131.43 1.40 -104.49	32.05 1.43 -1.61	51.36 2.28 0.11	36.32 1.64 0.01	32.33 1.55 0.01	35.36 1.76 0.01	32.21 1.57 0.01	36.22 1.86 0.01	37.35 2.11 0.00	29.48 1.89 0.00	33.47 1.78 0.00	33.97 1.88 0.00	30.83 1.68 0.00	31.44 1.62 0.00	24.23 1.24 0.00
ASHOKAN____ 23654	18.89 0.63 0.00	18.72 0.60 0.00	22.24 0.67 0.00	17.71 0.52 0.00	20.09 0.55 0.00	22.32 0.68 0.00	19.93 0.72 0.00	18.52 0.81 0.00	19.05 0.92 0.00	26.95 1.40 0.00	30.72 1.71 0.00	52.21 3.02 0.00	36.81 2.12 0.00	32.71 1.91 0.00	35.72 2.11 0.00	32.59 1.95 0.00	36.56 2.20 0.00	37.66 2.42 0.00	29.61 2.02 0.00	33.85 2.15 0.00	34.12 2.04 0.00	30.90 1.75 0.00	31.45 1.64 0.00	23.98 0.98 0.00

ASTORIA_GT_10 24110	562.87 0.70 -543.91	32.16 0.74 -13.31	22.51 0.94 0.00	17.92 0.73 0.00	20.28 0.73 0.00	22.49 0.85 0.00	20.19 0.97 0.00	18.74 1.03 0.00	28.24 0.97 -9.14	133.63 1.32 -106.77	33.19 1.60 -2.58	51.87 2.69 0.00	36.58 1.90 0.00	32.59 1.79 0.00	35.63 2.02 0.00	32.38 1.74 0.00	36.29 1.93 0.00	37.35 2.11 0.00	29.34 1.74 0.00	33.47 1.77 0.00	33.93 1.85 0.00	30.84 1.68 0.00	31.49 1.68 0.00	24.11 1.11 0.00
ASTORIA_GT_11 24225	562.87 0.70 -543.91	32.16 0.74 -13.31	22.51 0.94 0.00	17.92 0.73 0.00	20.28 0.73 0.00	22.49 0.85 0.00	20.19 0.97 0.00	18.74 1.03 0.00	28.24 0.97 -9.14	133.63 1.32 -106.77	33.19 1.60 -2.58	51.87 2.69 0.00	36.58 1.90 0.00	32.59 1.79 0.00	35.63 2.02 0.00	32.38 1.74 0.00	36.29 1.93 0.00	37.35 2.11 0.00	29.34 1.74 0.00	33.47 1.77 0.00	33.93 1.85 0.00	30.84 1.68 0.00	31.49 1.68 0.00	24.11 1.11 0.00
ASTORIA_GT_12 24226	562.87 0.70 -543.91	32.16 0.74 -13.31	22.51 0.94 0.00	17.92 0.73 0.00	20.28 0.73 0.00	22.49 0.85 0.00	20.19 0.97 0.00	18.74 1.03 0.00	28.24 0.97 -9.14	133.63 1.32 -106.77	33.19 1.60 -2.58	51.87 2.69 0.00	36.58 1.90 0.00	32.59 1.79 0.00	35.63 2.02 0.00	32.38 1.74 0.00	36.29 1.93 0.00	37.35 2.11 0.00	29.34 1.74 0.00	33.47 1.77 0.00	33.93 1.85 0.00	30.84 1.68 0.00	31.49 1.68 0.00	24.11 1.11 0.00
ASTORIA_GT_13 24227	562.87 0.70 -543.91	32.16 0.74 -13.31	22.51 0.94 0.00	17.92 0.73 0.00	20.28 0.73 0.00	22.49 0.85 0.00	20.19 0.97 0.00	18.74 1.03 0.00	28.24 0.97 -9.14	133.63 1.32 -106.77	33.19 1.60 -2.58	51.87 2.69 0.00	36.58 1.90 0.00	32.59 1.79 0.00	35.63 2.02 0.00	32.38 1.74 0.00	36.29 1.93 0.00	37.35 2.11 0.00	29.34 1.74 0.00	33.47 1.77 0.00	33.93 1.85 0.00	30.84 1.68 0.00	31.49 1.68 0.00	24.11 1.11 0.00
ASTORIA_GT_5 24106	562.82 0.65 -543.90	32.14 0.72 -13.30	22.47 0.90 0.00	17.86 0.68 0.00	20.21 0.66 0.00	22.40 0.76 0.00	20.14 0.92 0.00	18.67 0.96 0.00	28.17 0.90 -9.14	133.57 1.25 -106.77	33.15 1.56 -2.58	51.86 2.68 0.01	36.53 1.85 0.01	32.55 1.76 0.00	35.60 1.99 0.00	32.36 1.72 0.00	36.29 1.94 0.01	37.36 2.12 0.00	29.34 1.75 0.00	33.47 1.77 0.00	33.93 1.85 0.00	30.82 1.67 0.00	31.48 1.66 0.00	24.08 1.09 0.00
ASTORIA_GT_7 24107	562.82 0.65 -543.90	32.14 0.72 -13.30	22.47 0.90 0.00	17.86 0.68 0.00	20.21 0.66 0.00	22.40 0.76 0.00	20.14 0.92 0.00	18.67 0.96 0.00	28.17 0.90 -9.14	133.57 1.25 -106.77	33.15 1.56 -2.58	51.86 2.68 0.01	36.53 1.85 0.01	32.55 1.76 0.00	35.60 1.99 0.00	32.36 1.72 0.00	36.29 1.94 0.01	37.36 2.12 0.00	29.34 1.75 0.00	33.47 1.77 0.00	33.93 1.85 0.00	30.82 1.67 0.00	31.48 1.66 0.00	24.08 1.09 0.00
ASTORIA_GT_8 24108	562.87 0.70 -543.91	32.14 0.72 -13.30	22.47 0.90 0.00	17.86 0.68 0.00	20.21 0.66 0.00	22.40 0.76 0.00	20.14 0.93 0.00	18.68 0.96 0.00	28.17 0.90 -9.14	133.57 1.25 -106.77	33.15 1.56 -2.58	51.86 2.68 0.00	36.54 1.86 0.01	32.55 1.76 0.00	35.60 1.99 0.00	32.36 1.72 0.00	36.30 1.94 0.00	37.36 2.12 0.00	29.34 1.75 0.00	33.47 1.77 0.00	33.93 1.85 0.00	30.82 1.66 0.00	31.48 1.66 0.00	24.08 1.09 0.00
ASTORIA___2 24149	562.78 0.61 -543.90	32.11 0.69 -13.30	22.44 0.86 0.00	17.84 0.65 0.00	20.18 0.63 0.00	22.36 0.72 0.00	20.10 0.88 0.00	18.64 0.93 0.00	28.13 0.87 -9.14	133.53 1.21 -106.77	33.09 1.50 -2.58	51.76 2.58 0.01	36.45 1.78 0.01	32.48 1.69 0.00	35.53 1.92 0.00	32.29 1.65 0.00	36.22 1.87 0.01	37.28 2.05 0.00	29.28 1.69 0.00	33.40 1.70 0.00	33.85 1.77 0.00	30.76 1.60 0.00	31.42 1.60 0.00	24.04 1.04 0.00
ASTORIA___3 23516	562.84 0.68 -543.90	32.16 0.74 -13.31	22.51 0.94 0.00	17.92 0.73 0.00	20.28 0.73 0.00	22.49 0.85 0.00	20.19 0.97 0.00	18.73 1.02 0.00	28.24 0.97 -9.14	133.63 1.31 -106.77	33.19 1.60 -2.58	51.86 2.69 0.01	36.58 1.89 0.00	32.59 1.79 0.00	35.64 2.02 0.00	32.38 1.74 0.00	36.28 1.93 0.01	37.34 2.11 0.00	29.34 1.74 0.00	33.46 1.77 0.00	33.93 1.84 0.00	30.84 1.69 0.00	31.50 1.68 0.00	24.11 1.11 0.00
ASTORIA___4 23517	562.87 0.70 -543.91	32.16 0.74 -13.31	22.51 0.94 0.00	17.92 0.73 0.00	20.28 0.73 0.00	22.49 0.85 0.00	20.19 0.97 0.00	18.74 1.03 0.00	28.24 0.97 -9.14	133.63 1.32 -106.77	33.19 1.60 -2.58	51.87 2.69 0.00	36.58 1.90 0.00	32.59 1.79 0.00	35.63 2.02 0.00	32.38 1.74 0.00	36.29 1.93 0.00	37.35 2.11 0.00	29.34 1.74 0.00	33.47 1.77 0.00	33.93 1.85 0.00	30.84 1.68 0.00	31.49 1.68 0.00	24.11 1.11 0.00
ASTORIA___5 23518	562.84 0.68 -543.90	32.16 0.74 -13.31	22.51 0.94 0.00	17.91 0.73 0.00	20.28 0.73 0.00	22.49 0.85 0.00	20.19 0.97 0.00	18.73 1.02 0.00	28.24 0.97 -9.14	133.63 1.31 -106.77	33.19 1.60 -2.58	51.85 2.68 0.01	36.57 1.89 0.00	32.59 1.79 0.00	35.64 2.02 0.00	32.38 1.74 0.00	36.28 1.93 0.01	37.34 2.11 0.00	29.34 1.74 0.00	33.46 1.77 0.00	33.93 1.84 0.00	30.84 1.69 0.00	31.50 1.68 0.00	24.11 1.11 0.00
AST_ENERGY_2_CC3 323677	558.69 0.81 -539.61	31.86 0.79 -12.95	22.54 0.97 0.00	17.96 0.78 0.00	20.34 0.79 0.00	22.57 0.94 0.00	20.23 1.02 0.00	18.76 1.05 0.00	28.28 1.02 -9.14	133.71 1.40 -106.77	33.31 1.71 -2.58	52.15 2.96 0.00	36.74 2.05 0.00	32.70 1.91 0.00	35.76 2.15 0.00	32.44 1.80 0.00	36.38 2.02 0.00	37.41 2.17 0.00	29.29 1.70 0.00	33.44 1.74 0.00	33.87 1.78 0.00	30.85 1.70 0.00	31.51 1.69 0.00	24.10 1.10 0.00
AST_ENERGY_2_CC4 323678	558.69 0.81 -539.61	31.86 0.79 -12.95	22.54 0.97 0.00	17.96 0.78 0.00	20.34 0.79 0.00	22.57 0.94 0.00	20.23 1.02 0.00	18.76 1.05 0.00	28.28 1.02 -9.14	133.71 1.40 -106.77	33.31 1.71 -2.58	52.15 2.96 0.00	36.74 2.05 0.00	32.70 1.91 0.00	35.76 2.15 0.00	32.44 1.80 0.00	36.38 2.02 0.00	37.41 2.17 0.00	29.29 1.70 0.00	33.44 1.74 0.00	33.87 1.78 0.00	30.85 1.70 0.00	31.51 1.69 0.00	24.10 1.10 0.00
ATHENS_STG_1 23668	18.68 0.41 0.00	18.53 0.42 0.00	22.07 0.49 0.00	17.57 0.38 0.00	19.92 0.37 0.00	22.11 0.47 0.00	19.70 0.49 0.00	18.25 0.54 0.00	18.68 0.56 0.00	26.35 0.80 0.00	29.98 0.97 0.00	50.90 1.71 0.00	35.84 1.16 0.00	31.87 1.08 0.00	34.81 1.20 0.00	31.71 1.08 0.00	35.53 1.17 0.00	36.52 1.28 0.00	28.68 1.09 0.00	32.83 1.13 0.00	33.19 1.11 0.00	30.17 1.02 0.00	30.82 1.00 0.00	23.60 0.61 0.00
ATHENS_STG_2 23670	18.68 0.41 0.00	18.53 0.42 0.00	22.07 0.49 0.00	17.57 0.38 0.00	19.92 0.37 0.00	22.11 0.47 0.00	19.70 0.49 0.00	18.25 0.54 0.00	18.68 0.56 0.00	26.35 0.80 0.00	29.98 0.97 0.00	50.90 1.71 0.00	35.84 1.16 0.00	31.87 1.08 0.00	34.81 1.20 0.00	31.71 1.08 0.00	35.53 1.17 0.00	36.52 1.28 0.00	28.68 1.09 0.00	32.83 1.13 0.00	33.19 1.11 0.00	30.17 1.02 0.00	30.82 1.00 0.00	23.60 0.61 0.00

ATHENS_STG_3 23677	18.68 0.41 0.00	18.53 0.42 0.00	22.07 0.49 0.00	17.57 0.38 0.00	19.92 0.37 0.00	22.11 0.47 0.00	19.70 0.49 0.00	18.25 0.54 0.00	18.68 0.56 0.00	26.35 0.80 0.00	29.98 0.97 0.00	50.90 1.71 0.00	35.84 1.16 0.00	31.87 1.08 0.00	34.81 1.20 0.00	31.71 1.08 0.00	35.53 1.17 0.00	36.52 1.28 0.00	28.68 1.09 0.00	32.83 1.13 0.00	33.19 1.11 0.00	30.17 1.02 0.00	30.82 1.00 0.00	23.60 0.61 0.00
AUBURN___LFGE 323710	18.60 0.34 0.00	18.52 0.40 0.00	22.00 0.42 0.00	17.59 0.40 0.00	20.07 0.53 0.00	22.21 0.57 0.00	19.72 0.51 0.00	18.12 0.41 0.00	18.49 0.36 0.00	26.09 0.54 0.00	29.56 0.55 0.00	49.92 0.73 0.00	35.46 0.78 0.00	31.41 0.61 0.00	34.35 0.73 0.00	31.27 0.63 0.00	35.16 0.80 0.00	36.04 0.80 0.00	28.28 0.69 0.00	32.26 0.56 0.00	32.68 0.60 0.00	29.81 0.65 0.00	30.34 0.52 0.00	23.57 0.57 0.00
BABYLON_RES_REC 323704	19.32 1.06 0.00	19.10 0.98 0.00	22.71 1.13 0.00	18.16 0.97 0.00	20.50 0.95 0.00	22.70 1.10 0.03	20.40 1.19 0.00	18.95 1.24 0.00	19.43 1.31 0.00	27.44 1.89 0.00	33.84 2.24 -2.59	52.92 3.74 0.00	37.28 2.60 0.00	33.09 2.29 0.00	36.35 2.74 0.00	33.04 2.40 0.00	39.27 2.90 -2.01	46.04 3.15 -7.65	34.93 2.56 -4.78	34.32 2.61 0.00	34.57 2.49 0.00	31.41 2.26 0.00	32.09 2.27 0.00	24.44 1.45 0.00
BABYLON__69_KV_BK2 356345	19.50 1.24 0.00	19.26 1.15 0.00	22.88 1.30 0.00	18.31 1.12 0.00	20.64 1.09 0.00	22.80 1.25 0.09	20.54 1.33 0.00	19.10 1.38 0.00	19.61 1.48 0.00	27.70 2.16 0.00	34.12 2.53 -2.58	53.39 4.21 0.00	37.63 2.95 0.00	33.38 2.59 0.00	36.70 3.09 0.00	33.37 2.72 0.00	39.70 3.33 -2.01	46.49 3.60 -7.65	35.28 2.90 -4.78	34.71 3.01 0.00	34.92 2.84 0.00	31.73 2.58 0.00	32.41 2.59 0.00	24.65 1.65 0.00
BALL_HILL_WT_PWR 323825	18.84 0.57 0.00	18.64 0.52 0.00	22.25 0.68 0.00	17.80 0.61 0.00	20.47 0.92 0.00	22.78 1.14 0.00	20.06 0.85 0.00	18.29 0.58 0.00	18.66 0.54 0.00	26.36 0.81 0.00	29.90 0.89 0.00	50.07 0.88 0.00	35.55 0.86 0.00	31.66 0.87 0.00	34.47 0.86 0.00	31.51 0.87 0.00	35.27 0.91 0.00	35.83 0.58 0.00	28.17 0.58 0.00	32.38 0.68 0.00	32.95 0.87 0.00	30.06 0.91 0.00	30.79 0.97 0.00	24.05 1.05 0.00
BARON_WINDS___WT_PWR 323822	18.72 0.45 0.00	18.56 0.44 0.00	22.19 0.62 0.00	17.70 0.51 0.00	20.26 0.72 0.00	22.54 0.91 0.00	19.90 0.69 0.00	18.12 0.40 0.00	18.62 0.50 0.00	26.18 0.63 0.00	29.73 0.72 0.00	50.10 0.92 0.00	35.49 0.80 0.00	31.68 0.88 0.00	34.53 0.92 0.00	31.58 0.94 0.00	35.31 0.95 0.00	35.98 0.74 0.00	28.21 0.62 0.00	32.44 0.74 0.00	33.00 0.92 0.00	30.04 0.89 0.00	30.63 0.81 0.00	23.69 0.69 0.00
BARRETT_IC_1 23704	19.10 0.83 0.00	18.88 0.77 0.00	22.50 0.93 0.00	18.01 0.82 0.00	20.36 0.81 0.00	22.59 0.95 0.00	20.25 1.04 0.00	18.79 1.08 0.00	19.22 1.09 0.00	27.13 1.58 0.00	33.55 1.95 -2.59	52.30 3.12 0.00	36.83 2.15 0.00	32.75 1.96 0.00	35.92 2.31 0.00	32.64 2.00 0.00	38.75 2.38 -2.01	45.46 2.57 -7.65	34.47 2.10 -4.78	33.74 2.04 0.00	34.06 1.98 0.00	31.02 1.87 0.00	31.76 1.95 0.00	24.27 1.27 0.00
BARRETT_IC_10 23701	19.10 0.83 0.00	18.88 0.77 0.00	22.50 0.93 0.00	18.01 0.82 0.00	20.36 0.81 0.00	22.59 0.95 0.00	20.25 1.04 0.00	18.79 1.08 0.00	19.22 1.09 0.00	27.13 1.58 0.00	33.55 1.95 -2.59	52.30 3.12 0.00	36.83 2.15 0.00	32.75 1.96 0.00	35.92 2.31 0.00	32.64 2.00 0.00	38.75 2.38 -2.01	45.46 2.57 -7.65	34.47 2.10 -4.78	33.74 2.04 0.00	34.06 1.98 0.00	31.02 1.87 0.00	31.76 1.95 0.00	24.27 1.27 0.00
BARRETT_IC_11 23702	19.10 0.83 0.00	18.88 0.77 0.00	22.50 0.93 0.00	18.01 0.82 0.00	20.36 0.81 0.00	22.59 0.95 0.00	20.25 1.04 0.00	18.79 1.08 0.00	19.22 1.09 0.00	27.13 1.58 0.00	33.55 1.95 -2.59	52.30 3.12 0.00	36.83 2.15 0.00	32.75 1.96 0.00	35.92 2.31 0.00	32.64 2.00 0.00	38.75 2.38 -2.01	45.46 2.57 -7.65	34.47 2.10 -4.78	33.74 2.04 0.00	34.06 1.98 0.00	31.02 1.87 0.00	31.76 1.95 0.00	24.27 1.27 0.00
BARRETT_IC_12 23703	19.10 0.83 0.00	18.88 0.77 0.00	22.50 0.93 0.00	18.01 0.82 0.00	20.36 0.81 0.00	22.59 0.95 0.00	20.25 1.04 0.00	18.79 1.08 0.00	19.22 1.09 0.00	27.13 1.58 0.00	33.55 1.95 -2.59	52.30 3.12 0.00	36.83 2.15 0.00	32.75 1.96 0.00	35.92 2.31 0.00	32.64 2.00 0.00	38.75 2.38 -2.01	45.46 2.57 -7.65	34.47 2.10 -4.78	33.74 2.04 0.00	34.06 1.98 0.00	31.02 1.87 0.00	31.76 1.95 0.00	24.27 1.27 0.00
BARRETT_IC_2 23705	19.10 0.83 0.00	18.88 0.77 0.00	22.50 0.93 0.00	18.01 0.82 0.00	20.36 0.81 0.00	22.59 0.95 0.00	20.25 1.04 0.00	18.79 1.08 0.00	19.22 1.09 0.00	27.13 1.58 0.00	33.55 1.95 -2.59	52.30 3.12 0.00	36.83 2.15 0.00	32.75 1.96 0.00	35.92 2.31 0.00	32.64 2.00 0.00	38.75 2.38 -2.01	45.46 2.57 -7.65	34.47 2.10 -4.78	33.74 2.04 0.00	34.06 1.98 0.00	31.02 1.87 0.00	31.76 1.95 0.00	24.27 1.27 0.00
BARRETT_IC_3 23706	19.10 0.83 0.00	18.88 0.77 0.00	22.50 0.93 0.00	18.01 0.82 0.00	20.36 0.81 0.00	22.59 0.95 0.00	20.25 1.04 0.00	18.79 1.08 0.00	19.22 1.09 0.00	27.13 1.58 0.00	33.55 1.95 -2.59	52.30 3.12 0.00	36.83 2.15 0.00	32.75 1.96 0.00	35.92 2.31 0.00	32.64 2.00 0.00	38.75 2.38 -2.01	45.46 2.57 -7.65	34.47 2.10 -4.78	33.74 2.04 0.00	34.06 1.98 0.00	31.02 1.87 0.00	31.76 1.95 0.00	24.27 1.27 0.00
BARRETT_IC_4 23707	19.10 0.83 0.00	18.88 0.77 0.00	22.50 0.93 0.00	18.01 0.82 0.00	20.36 0.81 0.00	22.59 0.95 0.00	20.25 1.04 0.00	18.79 1.08 0.00	19.22 1.09 0.00	27.13 1.58 0.00	33.55 1.95 -2.59	52.30 3.12 0.00	36.83 2.15 0.00	32.75 1.96 0.00	35.92 2.31 0.00	32.64 2.00 0.00	38.75 2.38 -2.01	45.46 2.57 -7.65	34.47 2.10 -4.78	33.74 2.04 0.00	34.06 1.98 0.00	31.02 1.87 0.00	31.76 1.95 0.00	24.27 1.27 0.00
BARRETT_IC_5 23708	19.10 0.83 0.00	18.88 0.77 0.00	22.50 0.93 0.00	18.01 0.82 0.00	20.36 0.81 0.00	22.59 0.95 0.00	20.25 1.04 0.00	18.79 1.08 0.00	19.22 1.09 0.00	27.13 1.58 0.00	33.55 1.95 -2.59	52.30 3.12 0.00	36.83 2.15 0.00	32.75 1.96 0.00	35.92 2.31 0.00	32.64 2.00 0.00	38.75 2.38 -2.01	45.46 2.57 -7.65	34.47 2.10 -4.78	33.74 2.04 0.00	34.06 1.98 0.00	31.02 1.87 0.00	31.76 1.95 0.00	24.27 1.27 0.00
BARRETT_IC_6 23709	19.10 0.83 0.00	18.88 0.77 0.00	22.50 0.93 0.00	18.01 0.82 0.00	20.36 0.81 0.00	22.59 0.95 0.00	20.25 1.04 0.00	18.79 1.08 0.00	19.22 1.09 0.00	27.13 1.58 0.00	33.55 1.95 -2.59	52.30 3.12 0.00	36.83 2.15 0.00	32.75 1.96 0.00	35.92 2.31 0.00	32.64 2.00 0.00	38.75 2.38 -2.01	45.46 2.57 -7.65	34.47 2.10 -4.78	33.74 2.04 0.00	34.06 1.98 0.00	31.02 1.87 0.00	31.76 1.95 0.00	24.27 1.27 0.00

BAYONEEC___CTG9 323749	558.67 0.77 -539.63	31.82 0.76 -12.95	22.51 0.93 0.00	17.94 0.75 0.00	20.30 0.76 0.00	22.55 0.91 0.00	20.21 1.00 0.00	18.73 1.02 0.00	28.26 1.00 -9.14	133.10 1.35 -106.20	33.08 1.70 -2.37	52.11 2.92 0.00	36.71 2.03 0.00	32.69 1.90 0.00	35.76 2.15 0.00	32.48 1.84 0.00	36.45 2.09 0.00	37.48 2.24 0.00	29.41 1.81 0.00	33.58 1.88 0.00	33.99 1.91 0.00	30.92 1.77 0.00	31.57 1.75 0.00	24.15 1.15 0.00
BEACON___LESR 323632	18.63 0.37 0.00	18.46 0.34 0.00	21.93 0.36 0.00	17.51 0.32 0.00	19.87 0.32 0.00	22.09 0.45 0.00	19.66 0.45 0.00	18.30 0.59 0.00	18.78 0.66 0.00	26.57 1.02 0.00	30.17 1.16 0.00	51.36 2.18 0.00	36.06 1.38 0.00	32.01 1.22 0.00	35.06 1.45 0.00	31.96 1.32 0.00	35.87 1.51 0.00	36.89 1.65 0.00	28.89 1.30 0.00	33.20 1.50 0.00	33.34 1.26 0.00	30.32 1.16 0.00	30.90 1.08 0.00	23.57 0.58 0.00
BEAVER RIVER___HYD 24048	18.32 0.05 0.00	18.07 -0.05 0.00	21.59 0.02 0.00	17.17 -0.02 0.00	19.53 -0.02 0.00	21.59 -0.05 0.00	19.25 0.04 0.00	17.80 0.09 0.00	18.24 0.12 0.00	25.76 0.22 0.00	35.39 0.31 -6.06	49.74 0.55 0.00	35.07 0.38 0.00	31.15 0.36 0.00	34.00 0.39 0.00	31.05 0.42 0.00	34.87 0.51 0.00	35.85 0.61 0.00	28.09 0.49 0.00	32.25 0.55 0.00	32.63 0.54 0.00	29.54 0.39 0.00	30.23 0.41 0.00	23.25 0.25 0.00
BEEBEE_GT_13 23619	18.47 0.20 0.00	18.29 0.17 0.00	21.82 0.24 0.00	17.45 0.27 0.00	19.99 0.44 0.00	22.22 0.58 0.00	19.62 0.41 0.00	17.91 0.20 0.00	18.36 0.24 0.00	25.84 0.29 0.00	29.37 0.36 0.00	49.45 0.26 0.00	35.00 0.31 0.00	31.07 0.27 0.00	33.87 0.26 0.00	30.88 0.23 0.00	34.62 0.26 0.00	35.31 0.06 0.00	27.77 0.17 0.00	31.83 0.13 0.00	32.31 0.22 0.00	29.41 0.25 0.00	30.16 0.34 0.00	23.49 0.50 0.00
BENSHRST_27_KV_BENSHRST_1 355998	563.07 0.89 -543.91	32.38 0.95 -13.31	22.75 1.17 0.00	18.10 0.91 0.00	20.48 0.93 0.00	22.73 1.09 0.00	20.40 1.19 0.00	18.92 1.20 0.00	28.43 1.16 -9.14	133.88 1.56 -106.77	33.38 1.79 -2.58	52.20 3.01 0.00	36.79 2.11 0.00	32.79 2.00 0.00	35.87 2.26 0.00	32.61 1.97 0.00	36.49 2.13 0.00	37.61 2.37 0.00	29.58 1.99 0.00	33.73 2.03 0.00	34.24 2.16 0.00	31.10 1.95 0.00	31.73 1.91 0.00	24.30 1.31 0.00
BETHLEHEM___GRP 23843	18.44 0.17 0.00	18.27 0.15 0.00	21.70 0.13 0.00	17.32 0.14 0.00	19.65 0.10 0.00	21.81 0.17 0.00	19.42 0.21 0.00	18.02 0.31 0.00	18.48 0.35 0.00	26.10 0.56 0.00	29.67 0.66 0.00	50.50 1.32 0.00	35.54 0.86 0.00	31.58 0.78 0.00	34.49 0.88 0.00	31.45 0.81 0.00	35.23 0.87 0.00	36.23 0.99 0.00	28.47 0.88 0.00	32.60 0.90 0.00	32.89 0.80 0.00	29.87 0.71 0.00	30.49 0.67 0.00	23.24 0.24 0.00
BETHLEHEM___GS1 323560	18.44 0.17 0.00	18.27 0.15 0.00	21.70 0.13 0.00	17.32 0.13 0.00	19.65 0.10 0.00	21.81 0.17 0.00	19.42 0.21 0.00	18.02 0.31 0.00	18.48 0.35 0.00	26.10 0.55 0.00	29.67 0.66 0.00	50.50 1.32 0.00	35.54 0.86 0.00	31.57 0.78 0.00	34.49 0.88 0.00	31.45 0.81 0.00	35.23 0.87 0.00	36.23 0.99 0.00	28.47 0.87 0.00	32.60 0.90 0.00	32.89 0.80 0.00	29.86 0.71 0.00	30.49 0.67 0.00	23.24 0.24 0.00
BETHLEHEM___GS2 323561	18.44 0.17 0.00	18.27 0.15 0.00	21.70 0.13 0.00	17.32 0.13 0.00	19.65 0.10 0.00	21.81 0.17 0.00	19.42 0.21 0.00	18.02 0.31 0.00	18.48 0.35 0.00	26.10 0.55 0.00	29.67 0.66 0.00	50.50 1.32 0.00	35.54 0.86 0.00	31.57 0.78 0.00	34.49 0.88 0.00	31.45 0.81 0.00	35.23 0.87 0.00	36.23 0.99 0.00	28.47 0.87 0.00	32.60 0.90 0.00	32.89 0.80 0.00	29.86 0.71 0.00	30.49 0.67 0.00	23.24 0.24 0.00
BETHLEHEM___GS3 323562	18.44 0.17 0.00	18.27 0.15 0.00	21.70 0.13 0.00	17.32 0.13 0.00	19.65 0.10 0.00	21.81 0.17 0.00	19.42 0.21 0.00	18.02 0.31 0.00	18.48 0.35 0.00	26.10 0.55 0.00	29.67 0.66 0.00	50.50 1.32 0.00	35.54 0.86 0.00	31.57 0.78 0.00	34.49 0.88 0.00	31.45 0.81 0.00	35.23 0.87 0.00	36.23 0.99 0.00	28.47 0.87 0.00	32.60 0.90 0.00	32.89 0.80 0.00	29.86 0.71 0.00	30.49 0.67 0.00	23.24 0.24 0.00
BETHLEHEM___STEEL 23779	18.77 0.50 0.00	18.58 0.47 0.00	22.20 0.63 0.00	17.79 0.60 0.00	20.45 0.90 0.00	22.77 1.13 0.00	20.04 0.82 0.00	18.19 0.48 0.00	18.62 0.49 0.00	26.22 0.67 0.00	29.77 0.76 0.00	49.90 0.71 0.00	35.39 0.70 0.00	31.47 0.68 0.00	34.26 0.65 0.00	31.27 0.63 0.00	35.02 0.66 0.00	35.54 0.30 0.00	27.97 0.37 0.00	32.12 0.42 0.00	32.70 0.62 0.00	29.86 0.70 0.00	30.66 0.84 0.00	23.97 0.97 0.00
BETHLHEM_115KV_TB1 79974	18.62 0.35 0.00	18.48 0.36 0.00	21.99 0.41 0.00	17.38 0.19 0.00	19.70 0.15 0.00	21.86 0.22 0.00	19.46 0.25 0.00	18.06 0.34 0.00	18.52 0.39 0.00	26.14 0.59 0.00	29.73 0.72 0.00	50.57 1.39 0.00	35.61 0.92 0.00	31.62 0.83 0.00	34.54 0.93 0.00	31.50 0.86 0.00	35.29 0.93 0.00	36.28 1.05 0.00	28.50 0.91 0.00	32.64 0.94 0.00	32.94 0.86 0.00	29.91 0.76 0.00	30.54 0.72 0.00	23.30 0.30 0.00
BETHPAGE_CC_5 323564	19.32 1.06 0.00	19.11 0.99 0.00	22.72 1.15 0.00	18.17 0.98 0.00	20.52 0.97 0.00	22.75 1.13 0.02	20.42 1.21 0.00	18.97 1.25 0.00	19.44 1.31 0.00	27.45 1.90 0.00	33.83 2.23 -2.59	52.89 3.71 0.00	37.26 2.58 0.00	33.06 2.26 0.00	36.30 2.69 0.00	32.97 2.33 0.00	39.15 2.78 -2.01	45.89 3.00 -7.65	34.83 2.45 -4.78	34.20 2.50 0.00	34.49 2.41 0.00	31.34 2.19 0.00	32.06 2.24 0.00	24.45 1.46 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.84 0.57 0.00	18.65 0.54 0.00	22.28 0.71 0.00	17.86 0.67 0.00	20.53 0.98 0.00	22.85 1.21 0.00	20.11 0.90 0.00	18.27 0.55 0.00	18.70 0.57 0.00	26.33 0.78 0.00	29.91 0.90 0.00	50.12 0.94 0.00	35.55 0.86 0.00	31.61 0.82 0.00	34.42 0.81 0.00	31.41 0.76 0.00	35.18 0.81 0.00	35.71 0.46 0.00	28.10 0.51 0.00	32.27 0.57 0.00	32.86 0.78 0.00	29.99 0.84 0.00	30.78 0.96 0.00	24.06 1.06 0.00
BINGHAMTON___COGEN 23790	18.62 0.35 0.00	18.47 0.35 0.00	22.04 0.47 0.00	17.55 0.36 0.00	20.01 0.46 0.00	22.23 0.58 0.00	19.71 0.50 0.00	18.15 0.44 0.00	18.59 0.46 0.00	26.18 0.63 0.00	29.76 0.75 0.00	50.25 1.07 0.00	35.51 0.82 0.00	31.62 0.82 0.00	34.48 0.87 0.00	31.48 0.84 0.00	35.23 0.87 0.00	36.06 0.82 0.00	28.27 0.68 0.00	32.42 0.72 0.00	32.87 0.78 0.00	29.87 0.72 0.00	30.45 0.63 0.00	23.53 0.53 0.00
BIXINCNT_115KV_LOAD 355685	19.15 0.88 0.00	18.97 0.85 0.00	22.66 1.09 0.00	18.12 0.93 0.00	20.82 1.27 0.00	23.21 1.57 0.00	20.43 1.22 0.00	18.51 0.80 0.00	19.00 0.88 0.00	26.68 1.13 0.00	30.44 1.43 0.00	50.94 1.76 0.00	36.01 1.33 0.00	32.16 1.37 0.00	35.05 1.44 0.00	31.96 1.32 0.00	35.82 1.46 0.00	36.35 1.11 0.00	28.58 0.99 0.00	32.97 1.27 0.00	33.59 1.51 0.00	30.63 1.48 0.00	31.30 1.49 0.00	24.41 1.41 0.00

BROOKLYN_NAVY_YARD 23515	558.69 0.80 -539.63	31.86 0.79 -12.95	22.50 0.93 0.00	17.93 0.74 0.00	20.28 0.74 0.00	22.52 0.89 0.00	20.19 0.98 0.00	18.72 1.01 0.00	28.25 0.99 -9.14	133.66 1.34 -106.77	33.22 1.62 -2.58	52.10 2.91 0.00	36.71 2.02 0.00	32.68 1.89 0.00	35.76 2.14 0.00	32.47 1.83 0.00	36.42 2.06 0.00	37.46 2.22 0.00	29.39 1.80 0.00	33.58 1.88 0.00	33.99 1.91 0.00	30.90 1.75 0.00	31.55 1.73 0.00	24.13 1.13 0.00
BROOKLYN___ARMY_DRP 323595	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
BROOKVLE_69_KV_TB1 55790	19.35 1.08 0.00	19.13 1.02 0.00	22.78 1.20 0.00	18.22 1.03 0.00	20.60 1.04 0.00	22.85 1.21 0.00	20.48 1.27 0.00	19.03 1.32 0.00	19.48 1.35 0.00	27.51 1.96 0.00	33.90 2.31 -2.58	52.98 3.80 0.00	37.33 2.65 0.00	33.16 2.37 0.00	36.39 2.78 0.00	33.06 2.42 0.00	39.21 2.84 -2.01	45.96 3.07 -7.65	34.86 2.49 -4.78	34.26 2.56 0.00	34.56 2.48 0.00	31.40 2.25 0.00	32.07 2.25 0.00	24.51 1.51 0.00
BROOME_2_LFGE 323671	18.62 0.35 0.00	18.47 0.35 0.00	22.04 0.46 0.00	17.55 0.36 0.00	20.01 0.46 0.00	22.23 0.59 0.00	19.71 0.50 0.00	18.16 0.44 0.00	18.59 0.46 0.00	26.18 0.63 0.00	29.76 0.75 0.00	50.26 1.07 0.00	35.51 0.82 0.00	31.62 0.82 0.00	34.48 0.87 0.00	31.48 0.84 0.00	35.23 0.87 0.00	36.06 0.82 0.00	28.27 0.68 0.00	32.42 0.72 0.00	32.87 0.79 0.00	29.87 0.72 0.00	30.45 0.64 0.00	23.53 0.53 0.00
BROOME___LFGE 323600	18.62 0.35 0.00	18.47 0.35 0.00	22.04 0.46 0.00	17.55 0.36 0.00	20.01 0.46 0.00	22.23 0.59 0.00	19.71 0.50 0.00	18.16 0.44 0.00	18.59 0.46 0.00	26.18 0.63 0.00	29.76 0.75 0.00	50.26 1.07 0.00	35.51 0.82 0.00	31.62 0.82 0.00	34.48 0.87 0.00	31.48 0.84 0.00	35.23 0.87 0.00	36.06 0.82 0.00	28.27 0.68 0.00	32.42 0.72 0.00	32.87 0.79 0.00	29.87 0.72 0.00	30.45 0.64 0.00	23.53 0.53 0.00
BROWNFLS_115KV_TB_3_5 80003	18.25 -0.02 0.00	18.03 -0.09 0.00	21.51 -0.07 0.00	17.11 -0.08 0.00	19.43 -0.12 0.00	21.33 -0.31 0.00	19.01 -0.21 0.00	17.53 -0.18 0.00	17.95 -0.17 0.00	25.36 -0.19 0.00	39.57 -0.21 -10.77	48.96 -0.22 0.00	34.47 -0.22 0.00	30.57 -0.23 0.00	33.37 -0.24 0.00	30.48 -0.16 0.00	34.25 -0.11 0.00	35.17 -0.07 0.00	27.53 -0.06 0.00	31.66 -0.04 0.00	32.03 -0.05 0.00	29.11 -0.04 0.00	29.90 0.08 0.00	23.02 0.02 0.00
BROWNSV1_27_KV_LOAD 356125	558.87 0.98 -539.63	32.02 0.96 -12.95	22.73 1.15 0.00	18.10 0.91 0.00	20.50 0.95 0.00	22.75 1.11 0.00	20.39 1.18 0.00	18.91 1.20 0.00	28.45 1.18 -9.14	133.95 1.64 -106.77	33.59 1.99 -2.58	52.62 3.43 0.00	37.09 2.41 0.00	33.02 2.22 0.00	36.13 2.52 0.00	32.82 2.18 0.00	36.83 2.47 0.00	37.87 2.63 0.00	29.71 2.12 0.00	33.93 2.23 0.00	34.34 2.26 0.00	31.22 2.07 0.00	31.88 2.06 0.00	24.37 1.38 0.00
BURROWS___LYONSDAL 23803	18.51 0.25 0.00	18.30 0.18 0.00	21.85 0.27 0.00	17.38 0.19 0.00	19.78 0.23 0.00	21.92 0.28 0.00	19.52 0.31 0.00	18.05 0.34 0.00	18.51 0.38 0.00	26.13 0.58 0.00	32.88 0.71 -3.16	50.41 1.22 0.00	35.54 0.86 0.00	31.59 0.79 0.00	34.45 0.84 0.00	31.45 0.81 0.00	35.31 0.95 0.00	36.29 1.05 0.00	28.44 0.85 0.00	32.62 0.91 0.00	32.99 0.91 0.00	29.88 0.72 0.00	30.52 0.70 0.00	23.47 0.48 0.00
CAITHNESS_CC_1 323624	19.21 0.94 0.00	18.97 0.85 0.00	22.47 0.89 0.00	18.10 0.91 0.00	20.26 0.71 0.00	21.72 0.80 0.73	20.16 0.95 0.00	18.78 1.07 0.00	19.37 1.24 0.00	27.32 1.77 0.00	33.56 1.97 -2.59	52.43 3.25 0.00	36.95 2.27 0.00	32.72 1.93 0.00	36.03 2.42 0.00	32.80 2.15 0.00	39.36 2.99 -2.01	46.04 3.15 -7.65	34.89 2.51 -4.78	34.28 2.58 0.00	34.29 2.21 0.00	31.22 2.07 0.00	31.92 2.10 0.00	24.17 1.17 0.00
CALPINE BETH_PAGE_GT4 24209	19.32 1.05 0.00	19.10 0.98 0.00	22.72 1.15 0.00	18.16 0.98 0.00	20.52 0.97 0.00	22.77 1.13 0.00	20.42 1.21 0.00	18.97 1.25 0.00	19.43 1.30 0.00	27.43 1.88 0.00	33.81 2.21 -2.58	52.88 3.70 0.00	37.25 2.57 0.00	32.99 2.20 0.00	36.23 2.61 0.00	32.91 2.26 0.00	39.05 2.69 -2.01	45.82 2.93 -7.65	34.76 2.38 -4.78	34.13 2.43 0.00	34.41 2.33 0.00	31.28 2.12 0.00	32.04 2.22 0.00	24.45 1.45 0.00
CALPINE_BETH_PAGE_GT_4 323586	19.32 1.05 0.00	19.10 0.98 0.00	22.72 1.15 0.00	18.16 0.98 0.00	20.52 0.97 0.00	22.76 1.13 0.00	20.42 1.21 0.00	18.97 1.25 0.00	19.43 1.31 0.00	27.43 1.89 0.00	33.81 2.21 -2.59	52.88 3.70 0.00	37.25 2.57 0.00	32.99 2.20 0.00	36.23 2.61 0.00	32.91 2.26 0.00	39.06 2.69 -2.01	45.82 2.93 -7.65	34.76 2.39 -4.78	34.13 2.43 0.00	34.41 2.33 0.00	31.28 2.13 0.00	32.04 2.22 0.00	24.45 1.45 0.00
CALPINE_BP_GT1 23823	19.32 1.05 0.00	19.10 0.98 0.00	22.72 1.15 0.00	18.16 0.98 0.00	20.52 0.97 0.00	22.76 1.13 0.00	20.42 1.21 0.00	18.97 1.25 0.00	19.43 1.31 0.00	27.43 1.89 0.00	33.81 2.21 -2.59	52.88 3.70 0.00	37.25 2.57 0.00	32.99 2.20 0.00	36.23 2.61 0.00	32.91 2.26 0.00	39.06 2.69 -2.01	45.82 2.93 -7.65	34.76 2.39 -4.78	34.13 2.43 0.00	34.41 2.33 0.00	31.28 2.13 0.00	32.04 2.22 0.00	24.45 1.45 0.00
CALSPAN___DRP 24200	18.77 0.50 0.00	18.58 0.47 0.00	22.20 0.63 0.00	17.79 0.60 0.00	20.45 0.90 0.00	22.77 1.13 0.00	20.04 0.82 0.00	18.19 0.48 0.00	18.62 0.49 0.00	26.22 0.67 0.00	29.77 0.76 0.00	49.90 0.71 0.00	35.39 0.70 0.00	31.47 0.68 0.00	34.26 0.65 0.00	31.27 0.63 0.00	35.02 0.66 0.00	35.54 0.30 0.00	27.97 0.37 0.00	32.12 0.42 0.00	32.70 0.62 0.00	29.86 0.70 0.00	30.66 0.84 0.00	23.97 0.97 0.00
CALVERTON___SOLAR 323806	19.26 1.00 0.00	19.02 0.90 0.00	22.54 0.96 0.00	18.17 0.98 0.00	20.32 0.77 0.00	21.75 0.84 0.73	20.20 0.99 0.00	18.83 1.11 0.00	19.45 1.32 0.00	27.44 1.89 0.00	33.66 2.07 -2.59	52.60 3.42 0.00	37.08 2.39 0.00	32.82 2.03 0.00	36.16 2.55 0.00	32.93 2.29 0.00	39.58 3.21 -2.01	46.24 3.35 -7.65	35.02 2.65 -4.78	34.45 2.75 0.00	34.42 2.34 0.00	31.32 2.17 0.00	32.00 2.19 0.00	24.24 1.24 0.00
CANDIGU_WT_PWR 323617	18.72 0.45 0.00	18.56 0.44 0.00	22.19 0.62 0.00	17.70 0.51 0.00	20.26 0.72 0.00	22.54 0.91 0.00	19.90 0.69 0.00	18.12 0.40 0.00	18.62 0.50 0.00	26.18 0.63 0.00	29.73 0.72 0.00	50.10 0.92 0.00	35.49 0.80 0.00	31.68 0.88 0.00	34.53 0.92 0.00	31.58 0.94 0.00	35.31 0.95 0.00	35.98 0.74 0.00	28.21 0.62 0.00	32.44 0.74 0.00	33.00 0.92 0.00	30.04 0.89 0.00	30.63 0.81 0.00	23.69 0.69 0.00

CARR STREET_E_SYR 24060	18.26 -0.01 0.00	18.11 0.00 0.00	21.59 0.01 0.00	17.20 0.02 0.00	19.60 0.05 0.00	21.74 0.10 0.00	19.23 0.02 0.00	17.66 -0.05 0.00	18.02 -0.10 0.00	25.35 -0.20 0.00	28.77 -0.24 0.00	48.70 -0.48 0.00	34.43 -0.25 0.00	30.61 -0.19 0.00	33.40 -0.21 0.00	30.46 -0.18 0.00	34.14 -0.23 0.00	34.99 -0.25 0.00	27.45 -0.14 0.00	31.45 -0.25 0.00	31.86 -0.22 0.00	28.95 -0.20 0.00	29.63 -0.19 0.00	22.99 -0.01 0.00
CARTHAGE___PAPER 23857	18.46 0.19 0.00	18.19 0.07 0.00	21.75 0.17 0.00	17.28 0.10 0.00	19.69 0.13 0.00	21.78 0.14 0.00	19.43 0.22 0.00	17.98 0.26 0.00	18.43 0.31 0.00	26.02 0.47 0.00	34.60 0.63 -4.95	50.23 1.05 0.00	35.44 0.76 0.00	31.49 0.70 0.00	34.36 0.75 0.00	31.40 0.76 0.00	35.25 0.89 0.00	36.25 1.01 0.00	28.42 0.83 0.00	32.62 0.92 0.00	33.01 0.93 0.00	29.86 0.70 0.00	30.52 0.71 0.00	23.47 0.47 0.00
CASSADAGA_WT_PWR 323784	19.21 0.95 0.00	18.97 0.85 0.00	22.57 1.00 0.00	17.99 0.80 0.00	20.68 1.13 0.00	22.97 1.34 0.00	20.24 1.03 0.00	18.59 0.87 0.00	18.83 0.70 0.00	26.86 1.31 0.00	30.33 1.32 0.00	50.77 1.59 0.00	36.17 1.49 0.00	32.31 1.52 0.00	35.18 1.57 0.00	32.27 1.62 0.00	36.18 1.82 0.00	36.78 1.54 0.00	28.93 1.34 0.00	33.31 1.61 0.00	33.89 1.81 0.00	30.85 1.69 0.00	31.51 1.69 0.00	24.60 1.61 0.00
CE_DUNWOOD___DRP 24194	19.02 0.76 0.00	18.86 0.74 0.00	22.46 0.88 0.00	17.89 0.70 0.00	20.26 0.71 0.00	22.50 0.86 0.00	20.14 0.93 0.00	18.68 0.96 0.00	19.08 0.96 0.00	26.89 1.34 0.00	30.61 1.60 0.00	51.95 2.76 0.00	36.60 1.92 0.00	32.57 1.78 0.00	35.63 2.02 0.00	32.39 1.75 0.00	36.35 1.99 0.00	37.40 2.15 0.00	29.37 1.78 0.00	33.54 1.84 0.00	33.92 1.84 0.00	30.83 1.67 0.00	31.46 1.65 0.00	24.07 1.07 0.00
CE_MILLWOOD___DRP 24193	19.00 0.73 0.00	18.84 0.72 0.00	22.42 0.85 0.00	17.87 0.69 0.00	20.24 0.69 0.00	22.47 0.83 0.00	20.11 0.90 0.00	18.65 0.94 0.00	19.06 0.94 0.00	26.85 1.31 0.00	30.56 1.55 0.00	51.87 2.68 0.00	36.55 1.87 0.00	32.54 1.74 0.00	35.57 1.96 0.00	32.34 1.70 0.00	36.29 1.93 0.00	37.34 2.10 0.00	29.33 1.73 0.00	33.50 1.80 0.00	33.88 1.80 0.00	30.78 1.63 0.00	31.43 1.61 0.00	24.03 1.03 0.00
CE_NYC2_DRP 24202	562.90 0.72 -543.91	32.19 0.76 -13.31	22.54 0.96 0.00	17.94 0.75 0.00	20.30 0.76 0.00	22.52 0.88 0.00	20.21 1.00 0.00	18.76 1.04 0.00	28.26 1.00 -9.14	133.66 1.35 -106.77	33.22 1.63 -2.58	51.92 2.74 0.00	36.61 1.93 0.00	32.62 1.83 0.00	35.68 2.07 0.00	32.41 1.77 0.00	36.33 1.97 0.00	37.39 2.15 0.00	29.36 1.77 0.00	33.51 1.81 0.00	33.96 1.88 0.00	30.87 1.72 0.00	31.53 1.71 0.00	24.13 1.13 0.00
CE_NYC_DRP 24195	557.74 0.83 -538.65	31.80 0.81 -12.86	22.56 0.99 0.00	17.98 0.79 0.00	20.36 0.81 0.00	22.60 0.96 0.00	20.26 1.05 0.00	18.78 1.07 0.00	28.31 1.05 -9.14	133.75 1.43 -106.77	33.34 1.75 -2.58	52.20 3.01 0.00	36.78 2.10 0.00	32.74 1.95 0.00	35.83 2.22 0.00	32.53 1.90 0.00	36.51 2.15 0.00	37.54 2.30 0.00	29.45 1.86 0.00	33.63 1.93 0.00	34.04 1.96 0.00	30.95 1.81 0.00	31.61 1.79 0.00	24.18 1.18 0.00
CHAFFEE___LFGE 323603	18.78 0.52 0.00	18.59 0.47 0.00	22.21 0.64 0.00	17.80 0.61 0.00	20.47 0.92 0.00	22.77 1.13 0.00	20.06 0.84 0.00	18.22 0.51 0.00	18.67 0.54 0.00	26.28 0.74 0.00	29.87 0.86 0.00	50.06 0.88 0.00	35.50 0.82 0.00	31.55 0.76 0.00	34.36 0.75 0.00	31.35 0.71 0.00	35.12 0.76 0.00	35.67 0.43 0.00	28.09 0.49 0.00	32.23 0.53 0.00	32.81 0.72 0.00	29.94 0.79 0.00	30.72 0.90 0.00	24.00 1.01 0.00
CHATEAUG_35_KV_LOAD 355732	18.71 0.44 0.00	18.61 0.49 0.00	22.09 0.52 0.00	17.62 0.43 0.00	20.09 0.55 0.00	22.16 0.52 0.00	19.68 0.47 0.00	18.18 0.47 0.00	18.64 0.51 0.00	26.34 0.79 0.00	109.14 1.14 -78.99	50.60 1.41 0.00	35.59 0.91 0.00	31.48 0.69 0.00	34.34 0.73 0.00	31.40 0.76 0.00	35.26 0.90 0.00	36.15 0.90 0.00	28.25 0.65 0.00	32.56 0.85 0.00	32.89 0.81 0.00	29.79 0.64 0.00	30.33 0.51 0.00	23.26 0.26 0.00
CHATEAUG_WT_PWR 323614	18.70 0.43 0.00	18.61 0.49 0.00	22.09 0.52 0.00	17.62 0.43 0.00	20.09 0.55 0.00	22.17 0.53 0.00	19.69 0.48 0.00	18.19 0.48 0.00	18.64 0.51 0.00	26.34 0.79 0.00	115.73 1.09 -85.63	50.58 1.40 0.00	35.58 0.90 0.00	31.49 0.69 0.00	34.33 0.72 0.00	31.40 0.75 0.00	35.24 0.88 0.00	36.13 0.88 0.00	28.23 0.64 0.00	32.54 0.83 0.00	32.85 0.77 0.00	29.76 0.61 0.00	30.31 0.49 0.00	23.25 0.25 0.00
CHAT_HIGH_FALL_HYD 323578	18.71 0.44 0.00	18.61 0.49 0.00	22.09 0.52 0.00	17.62 0.43 0.00	20.09 0.55 0.00	22.16 0.52 0.00	19.68 0.47 0.00	18.18 0.47 0.00	18.64 0.51 0.00	26.34 0.79 0.00	109.14 1.14 -78.99	50.60 1.42 0.00	35.59 0.91 0.00	31.48 0.69 0.00	34.34 0.73 0.00	31.40 0.76 0.00	35.26 0.90 0.00	36.14 0.90 0.00	28.25 0.65 0.00	32.55 0.85 0.00	32.89 0.81 0.00	29.79 0.64 0.00	30.33 0.51 0.00	23.26 0.26 0.00
CHAUTAUQUA___LFGE 323629	18.98 0.71 0.00	18.76 0.64 0.00	22.38 0.81 0.00	17.88 0.69 0.00	20.57 1.02 0.00	22.88 1.24 0.00	20.14 0.93 0.00	18.39 0.68 0.00	18.73 0.60 0.00	26.54 0.99 0.00	30.07 1.06 0.00	50.33 1.14 0.00	35.79 1.11 0.00	31.91 1.12 0.00	34.73 1.12 0.00	31.78 1.14 0.00	35.61 1.25 0.00	36.18 0.94 0.00	28.45 0.86 0.00	32.71 1.01 0.00	33.29 1.21 0.00	30.35 1.21 0.00	31.06 1.24 0.00	24.25 1.26 0.00
CHERRYST_13_KV_LD 356241	557.79 0.88 -538.65	31.84 0.86 -12.86	22.62 1.04 0.00	18.03 0.84 0.00	20.41 0.86 0.00	22.66 1.02 0.00	20.31 1.10 0.00	18.83 1.12 0.00	28.36 1.10 -9.14	133.83 1.51 -106.77	33.43 1.84 -2.58	52.35 3.16 0.00	36.88 2.20 0.00	32.83 2.04 0.00	35.92 2.31 0.00	32.62 1.99 0.00	36.62 2.26 0.00	37.65 2.41 0.00	29.53 1.94 0.00	33.72 2.02 0.00	34.13 2.05 0.00	31.03 1.88 0.00	31.69 1.88 0.00	24.24 1.24 0.00
CHESTROR_138KV_BK263 355645	18.89 0.63 0.00	18.74 0.63 0.00	22.29 0.72 0.00	17.76 0.57 0.00	20.13 0.58 0.00	22.35 0.71 0.00	19.98 0.77 0.00	18.50 0.78 0.00	18.92 0.80 0.00	26.65 1.10 0.00	30.30 1.29 0.00	51.42 2.23 0.00	36.26 1.57 0.00	32.27 1.48 0.00	35.25 1.64 0.00	32.05 1.42 0.00	35.95 1.59 0.00	37.01 1.77 0.00	29.06 1.47 0.00	33.24 1.54 0.00	33.62 1.53 0.00	30.54 1.39 0.00	31.13 1.31 0.00	23.85 0.85 0.00
CH_MIDHUDSON___DRP 24192	19.00 0.74 0.00	18.85 0.73 0.00	22.42 0.84 0.00	17.85 0.66 0.00	20.23 0.68 0.00	22.46 0.82 0.00	20.08 0.87 0.00	18.63 0.92 0.00	19.06 0.94 0.00	26.88 1.33 0.00	30.60 1.59 0.00	51.98 2.79 0.00	36.63 1.94 0.00	32.59 1.80 0.00	35.62 2.00 0.00	32.41 1.77 0.00	36.35 1.99 0.00	37.40 2.16 0.00	29.40 1.80 0.00	33.58 1.88 0.00	33.94 1.85 0.00	30.81 1.66 0.00	31.46 1.64 0.00	24.06 1.06 0.00

CH_MISC_IPPS 23765	19.10 0.84 0.00	18.94 0.82 0.00	22.52 0.95 0.00	17.94 0.75 0.00	20.33 0.79 0.00	22.58 0.94 0.00	20.19 0.98 0.00	18.72 1.01 0.00	19.16 1.04 0.00	27.03 1.48 0.00	30.76 1.75 0.00	52.23 3.04 0.00	36.83 2.15 0.00	32.77 1.98 0.00	35.80 2.19 0.00	32.58 1.94 0.00	36.54 2.18 0.00	37.62 2.37 0.00	29.56 1.96 0.00	33.77 2.07 0.00	34.14 2.06 0.00	30.99 1.84 0.00	31.61 1.79 0.00	24.17 1.17 0.00
CH_RES_BVR_FALLS 23983	18.16 -0.11 0.00	17.95 -0.17 0.00	21.42 -0.15 0.00	17.05 -0.14 0.00	19.38 -0.16 0.00	21.45 -0.18 0.00	19.12 -0.10 0.00	17.65 -0.06 0.00	18.05 -0.08 0.00	25.47 -0.08 0.00	28.92 -0.09 0.00	49.05 -0.13 0.00	34.57 -0.11 0.00	30.68 -0.11 0.00	33.48 -0.13 0.00	30.55 -0.09 0.00	34.26 -0.10 0.00	35.12 -0.12 0.00	27.47 -0.12 0.00	31.58 -0.12 0.00	31.97 -0.11 0.00	29.04 -0.11 0.00	29.69 -0.13 0.00	22.81 -0.19 0.00
CH_RES_NIAGARA 23895	18.17 -0.09 0.00	18.01 -0.11 0.00	21.53 -0.05 0.00	17.28 0.09 0.00	19.89 0.34 0.00	22.13 0.49 0.00	19.46 0.25 0.00	17.61 -0.10 0.00	18.04 -0.09 0.00	25.37 -0.18 0.00	28.80 -0.21 0.00	48.21 -0.98 0.00	34.20 -0.48 0.00	30.34 -0.46 0.00	33.02 -0.60 0.00	30.10 -0.54 0.00	33.70 -0.66 0.00	34.13 -1.11 0.00	26.90 -0.69 0.00	30.84 -0.86 0.00	31.44 -0.64 0.00	28.76 -0.39 0.00	29.65 -0.17 0.00	23.24 0.24 0.00
CH_RES_SYRACUSE 23985	18.41 0.14 0.00	18.27 0.15 0.00	21.77 0.19 0.00	17.35 0.16 0.00	19.77 0.22 0.00	21.92 0.28 0.00	19.41 0.20 0.00	17.84 0.12 0.00	18.24 0.12 0.00	25.68 0.12 0.00	29.15 0.14 0.00	49.30 0.11 0.00	34.87 0.18 0.00	30.98 0.18 0.00	33.82 0.21 0.00	30.84 0.19 0.00	34.58 0.22 0.00	35.45 0.21 0.00	27.80 0.21 0.00	31.83 0.13 0.00	32.25 0.16 0.00	29.31 0.15 0.00	29.96 0.15 0.00	23.23 0.23 0.00
CLINTON_WT_PWR 323605	18.70 0.43 0.00	18.61 0.49 0.00	22.09 0.52 0.00	17.62 0.43 0.00	20.09 0.55 0.00	22.17 0.53 0.00	19.69 0.48 0.00	18.19 0.48 0.00	18.64 0.51 0.00	26.34 0.79 0.00	115.73 1.09 -85.63	50.58 1.40 0.00	35.58 0.90 0.00	31.49 0.69 0.00	34.33 0.72 0.00	31.40 0.75 0.00	35.24 0.88 0.00	36.13 0.88 0.00	28.23 0.64 0.00	32.54 0.83 0.00	32.85 0.77 0.00	29.76 0.61 0.00	30.31 0.49 0.00	23.25 0.25 0.00
CLINTON__LFGE 323618	18.90 0.63 0.00	18.82 0.70 0.00	22.33 0.75 0.00	17.81 0.62 0.00	20.31 0.77 0.00	22.42 0.79 0.00	19.92 0.71 0.00	18.42 0.71 0.00	18.90 0.78 0.00	26.74 1.20 0.00	114.64 1.73 -83.89	51.37 2.18 0.00	36.10 1.41 0.00	31.92 1.13 0.00	34.81 1.19 0.00	31.83 1.19 0.00	35.75 1.39 0.00	36.68 1.44 0.00	28.68 1.09 0.00	33.08 1.38 0.00	33.37 1.29 0.00	30.20 1.05 0.00	30.75 0.93 0.00	23.55 0.56 0.00
COBBLENY_34_KV_TB1 80064	18.78 0.52 0.00	18.59 0.47 0.00	22.21 0.64 0.00	17.80 0.61 0.00	20.47 0.92 0.00	22.77 1.13 0.00	20.06 0.84 0.00	18.21 0.50 0.00	18.66 0.54 0.00	26.28 0.73 0.00	29.86 0.86 0.00	50.06 0.87 0.00	35.50 0.82 0.00	31.55 0.76 0.00	34.36 0.75 0.00	31.35 0.71 0.00	35.12 0.76 0.00	35.67 0.43 0.00	28.09 0.49 0.00	32.23 0.53 0.00	32.81 0.73 0.00	29.94 0.79 0.00	30.72 0.90 0.00	24.00 1.01 0.00
COFFEEN__115KV_TB3 355620	18.50 0.24 0.00	18.22 0.10 0.00	21.79 0.22 0.00	17.32 0.13 0.00	19.74 0.19 0.00	21.89 0.25 0.00	19.52 0.30 0.00	18.05 0.34 0.00	18.52 0.39 0.00	26.13 0.58 0.00	33.91 0.78 -4.12	50.40 1.22 0.00	35.60 0.92 0.00	31.65 0.86 0.00	34.56 0.95 0.00	31.57 0.93 0.00	35.40 1.04 0.00	36.45 1.20 0.00	28.59 1.00 0.00	32.81 1.11 0.00	33.20 1.12 0.00	30.01 0.85 0.00	30.67 0.85 0.00	23.59 0.60 0.00
COLDSPRG_115KV_BK1 355956	19.49 1.23 0.00	19.26 1.14 0.00	22.96 1.39 0.00	18.34 1.15 0.00	21.07 1.52 0.00	23.45 1.81 0.00	20.71 1.50 0.00	18.96 1.24 0.00	19.36 1.24 0.00	27.41 1.86 0.00	31.06 2.05 0.00	52.12 2.93 0.00	36.98 2.30 0.00	32.96 2.17 0.00	35.87 2.26 0.00	32.79 2.15 0.00	36.68 2.32 0.00	37.30 2.05 0.00	29.36 1.76 0.00	33.78 2.08 0.00	34.35 2.27 0.00	31.27 2.12 0.00	31.93 2.11 0.00	24.90 1.90 0.00
COLONIE_LFGE__ 323577	18.75 0.49 0.00	18.61 0.49 0.00	22.10 0.53 0.00	17.62 0.43 0.00	19.99 0.44 0.00	22.20 0.56 0.00	19.76 0.54 0.00	18.33 0.62 0.00	18.81 0.68 0.00	26.59 1.04 0.00	30.22 1.21 0.00	51.36 2.17 0.00	36.21 1.52 0.00	32.12 1.33 0.00	35.11 1.50 0.00	32.04 1.40 0.00	35.85 1.49 0.00	36.86 1.62 0.00	28.97 1.37 0.00	33.17 1.47 0.00	33.46 1.38 0.00	30.38 1.23 0.00	31.06 1.24 0.00	23.76 0.77 0.00
COOPERNY_115KV_TB1 80082	18.75 0.48 0.00	18.61 0.49 0.00	22.15 0.58 0.00	17.64 0.46 0.00	20.02 0.47 0.00	22.22 0.58 0.00	19.82 0.60 0.00	18.32 0.61 0.00	18.75 0.62 0.00	26.41 0.86 0.00	30.02 1.00 0.00	50.91 1.72 0.00	35.90 1.22 0.00	31.94 1.15 0.00	34.89 1.27 0.00	31.73 1.09 0.00	35.58 1.22 0.00	36.58 1.34 0.00	28.72 1.13 0.00	32.87 1.17 0.00	33.26 1.17 0.00	30.23 1.07 0.00	30.83 1.01 0.00	23.66 0.66 0.00
COPENHAGEN_WT_PWR 323753	18.31 0.04 0.00	18.02 -0.09 0.00	21.58 0.01 0.00	17.16 -0.03 0.00	19.54 -0.01 0.00	21.68 0.04 0.00	19.33 0.11 0.00	17.87 0.16 0.00	18.31 0.19 0.00	25.84 0.29 0.00	33.34 0.43 -3.90	49.86 0.67 0.00	35.23 0.54 0.00	31.33 0.54 0.00	34.19 0.58 0.00	31.22 0.58 0.00	35.00 0.64 0.00	35.99 0.75 0.00	28.22 0.63 0.00	32.39 0.69 0.00	32.79 0.70 0.00	29.66 0.51 0.00	30.35 0.53 0.00	23.36 0.36 0.00
CORNELL____ 23752	18.82 0.56 0.00	18.68 0.56 0.00	22.26 0.69 0.00	17.74 0.55 0.00	20.21 0.67 0.00	22.44 0.80 0.00	19.91 0.70 0.00	18.32 0.61 0.00	18.79 0.66 0.00	26.47 0.92 0.00	30.08 1.07 0.00	50.84 1.65 0.00	35.95 1.27 0.00	31.97 1.18 0.00	34.89 1.28 0.00	31.84 1.19 0.00	35.72 1.36 0.00	36.61 1.37 0.00	28.73 1.13 0.00	32.88 1.18 0.00	33.31 1.23 0.00	30.25 1.10 0.00	30.83 1.01 0.00	23.82 0.83 0.00
CORONAAV_69_KV_TB1 355595	19.28 1.01 0.00	19.06 0.94 0.00	22.70 1.12 0.00	18.17 0.98 0.00	20.55 0.99 0.00	22.79 1.15 0.00	20.43 1.22 0.00	18.97 1.25 0.00	19.40 1.27 0.00	27.39 1.84 0.00	33.80 2.21 -2.58	52.76 3.57 0.00	37.16 2.48 0.00	33.04 2.24 0.00	36.24 2.63 0.00	32.93 2.29 0.00	39.08 2.71 -2.01	45.82 2.92 -7.65	34.73 2.36 -4.78	34.10 2.40 0.00	34.42 2.34 0.00	31.31 2.15 0.00	32.01 2.19 0.00	24.46 1.46 0.00
CORTLAND_115KV_TB3 80093	18.64 0.37 0.00	18.49 0.37 0.00	22.04 0.46 0.00	17.55 0.36 0.00	20.00 0.45 0.00	22.20 0.56 0.00	19.69 0.47 0.00	18.13 0.42 0.00	18.57 0.44 0.00	26.16 0.61 0.00	29.73 0.72 0.00	50.29 1.10 0.00	35.53 0.85 0.00	31.60 0.80 0.00	34.47 0.86 0.00	31.46 0.82 0.00	35.27 0.91 0.00	36.16 0.91 0.00	28.36 0.77 0.00	32.48 0.78 0.00	32.92 0.84 0.00	29.88 0.73 0.00	30.49 0.67 0.00	23.55 0.56 0.00

COXSACKIE___GT 23611	19.23 0.97 0.00	19.05 0.93 0.00	22.62 1.04 0.00	18.02 0.83 0.00	20.46 0.91 0.00	22.73 1.09 0.00	20.26 1.05 0.00	18.86 1.15 0.00	19.45 1.33 0.00	27.55 2.00 0.00	31.41 2.40 0.00	53.38 4.20 0.00	37.62 2.94 0.00	33.38 2.59 0.00	36.44 2.83 0.00	33.32 2.68 0.00	37.38 3.02 0.00	38.53 3.29 0.00	30.30 2.70 0.00	34.62 2.92 0.00	34.85 2.76 0.00	31.50 2.35 0.00	32.05 2.23 0.00	24.39 1.40 0.00
CPV_VALLEY___CC1 323721	18.80 0.53 0.00	18.65 0.53 0.00	22.19 0.62 0.00	17.68 0.49 0.00	20.05 0.50 0.00	22.26 0.62 0.00	19.88 0.67 0.00	18.40 0.68 0.00	18.82 0.70 0.00	26.50 0.95 0.00	30.14 1.13 0.00	51.14 1.96 0.00	36.07 1.39 0.00	32.09 1.30 0.00	35.05 1.44 0.00	31.87 1.23 0.00	35.73 1.37 0.00	36.77 1.53 0.00	28.87 1.28 0.00	33.02 1.32 0.00	33.40 1.32 0.00	30.36 1.21 0.00	30.94 1.13 0.00	23.72 0.72 0.00
CPV_VALLEY___CC2 323722	18.80 0.53 0.00	18.65 0.53 0.00	22.19 0.62 0.00	17.68 0.49 0.00	20.05 0.50 0.00	22.26 0.62 0.00	19.88 0.67 0.00	18.40 0.68 0.00	18.82 0.70 0.00	26.50 0.95 0.00	30.14 1.13 0.00	51.14 1.96 0.00	36.07 1.39 0.00	32.09 1.30 0.00	35.05 1.44 0.00	31.87 1.23 0.00	35.73 1.37 0.00	36.77 1.53 0.00	28.87 1.28 0.00	33.02 1.32 0.00	33.40 1.32 0.00	30.36 1.21 0.00	30.94 1.13 0.00	23.72 0.72 0.00
CRESCENT___HYD 24018	18.75 0.49 0.00	18.61 0.49 0.00	22.10 0.53 0.00	17.62 0.43 0.00	19.99 0.44 0.00	22.20 0.56 0.00	19.76 0.54 0.00	18.33 0.62 0.00	18.81 0.68 0.00	26.59 1.04 0.00	30.22 1.21 0.00	51.36 2.17 0.00	36.21 1.52 0.00	32.12 1.33 0.00	35.11 1.50 0.00	32.04 1.40 0.00	35.85 1.49 0.00	36.86 1.62 0.00	28.97 1.37 0.00	33.17 1.47 0.00	33.46 1.38 0.00	30.38 1.23 0.00	31.06 1.24 0.00	23.76 0.77 0.00
CRICKET___VALLEY_CC1 323756	18.84 0.57 0.00	18.69 0.57 0.00	22.20 0.63 0.00	17.69 0.51 0.00	20.04 0.50 0.00	22.26 0.62 0.00	19.88 0.67 0.00	18.48 0.77 0.00	18.90 0.78 0.00	26.66 1.11 0.00	30.35 1.34 0.00	51.60 2.42 0.00	36.36 1.67 0.00	32.33 1.54 0.00	35.30 1.69 0.00	32.15 1.51 0.00	36.04 1.68 0.00	37.07 1.83 0.00	29.18 1.58 0.00	33.32 1.62 0.00	33.64 1.56 0.00	30.54 1.39 0.00	31.23 1.41 0.00	23.87 0.87 0.00
CRICKET___VALLEY_CC2 323757	18.84 0.57 0.00	18.69 0.57 0.00	22.20 0.63 0.00	17.69 0.51 0.00	20.04 0.50 0.00	22.26 0.62 0.00	19.88 0.67 0.00	18.48 0.77 0.00	18.90 0.78 0.00	26.66 1.11 0.00	30.35 1.34 0.00	51.60 2.42 0.00	36.36 1.67 0.00	32.33 1.54 0.00	35.30 1.69 0.00	32.15 1.51 0.00	36.04 1.68 0.00	37.07 1.83 0.00	29.18 1.58 0.00	33.32 1.62 0.00	33.64 1.56 0.00	30.54 1.39 0.00	31.23 1.41 0.00	23.87 0.87 0.00
CRICKET___VALLEY_CC3 323758	18.84 0.57 0.00	18.69 0.57 0.00	22.20 0.63 0.00	17.69 0.51 0.00	20.04 0.50 0.00	22.26 0.62 0.00	19.88 0.67 0.00	18.48 0.77 0.00	18.90 0.78 0.00	26.66 1.11 0.00	30.35 1.34 0.00	51.60 2.42 0.00	36.36 1.67 0.00	32.33 1.54 0.00	35.30 1.69 0.00	32.15 1.51 0.00	36.04 1.68 0.00	37.07 1.83 0.00	29.18 1.58 0.00	33.32 1.62 0.00	33.64 1.56 0.00	30.54 1.39 0.00	31.23 1.41 0.00	23.87 0.87 0.00
CRUCIBLE_METL_DRP 24180	18.41 0.14 0.00	18.27 0.15 0.00	21.77 0.19 0.00	17.35 0.16 0.00	19.77 0.22 0.00	21.92 0.28 0.00	19.41 0.20 0.00	17.84 0.12 0.00	18.24 0.12 0.00	25.67 0.12 0.00	29.15 0.14 0.00	49.30 0.11 0.00	34.87 0.18 0.00	30.98 0.18 0.00	33.82 0.21 0.00	30.84 0.19 0.00	34.58 0.22 0.00	35.45 0.20 0.00	27.80 0.21 0.00	31.83 0.13 0.00	32.24 0.16 0.00	29.31 0.15 0.00	29.96 0.15 0.00	23.23 0.23 0.00
DAHOWA___HYDRO 323763	19.01 0.75 0.00	18.86 0.74 0.00	22.36 0.79 0.00	17.83 0.64 0.00	20.24 0.70 0.00	22.51 0.88 0.00	20.02 0.81 0.00	18.64 0.92 0.00	19.16 1.04 0.00	27.18 1.63 0.00	30.92 1.90 0.00	52.45 3.27 0.00	36.92 2.24 0.00	32.75 1.96 0.00	35.78 2.17 0.00	32.68 2.05 0.00	36.58 2.22 0.00	37.62 2.38 0.00	29.58 1.98 0.00	33.87 2.17 0.00	34.12 2.04 0.00	30.92 1.77 0.00	31.60 1.78 0.00	24.14 1.14 0.00
DANC___LFGE 323619	18.22 -0.05 0.00	17.98 -0.14 0.00	21.50 -0.08 0.00	17.10 -0.09 0.00	19.47 -0.08 0.00	21.60 -0.04 0.00	19.20 -0.01 0.00	17.70 -0.02 0.00	18.13 0.00 0.00	25.54 -0.01 0.00	31.76 0.06 -2.69	49.20 0.02 0.00	34.75 0.07 0.00	30.90 0.11 0.00	33.71 0.10 0.00	30.72 0.08 0.00	34.45 0.08 0.00	35.38 0.14 0.00	27.75 0.16 0.00	31.84 0.14 0.00	32.24 0.15 0.00	29.24 0.09 0.00	29.97 0.15 0.00	23.13 0.13 0.00
DANSKAMMER___1 23586	19.10 0.84 0.00	18.94 0.82 0.00	22.52 0.95 0.00	17.94 0.75 0.00	20.33 0.79 0.00	22.58 0.94 0.00	20.19 0.98 0.00	18.72 1.01 0.00	19.16 1.04 0.00	27.03 1.48 0.00	30.76 1.75 0.00	52.23 3.04 0.00	36.83 2.15 0.00	32.77 1.98 0.00	35.80 2.19 0.00	32.58 1.94 0.00	36.54 2.18 0.00	37.62 2.37 0.00	29.56 1.96 0.00	33.77 2.07 0.00	34.14 2.06 0.00	30.99 1.84 0.00	31.61 1.79 0.00	24.17 1.17 0.00
DANSKAMMER___2 23589	19.10 0.84 0.00	18.94 0.82 0.00	22.52 0.95 0.00	17.94 0.75 0.00	20.33 0.79 0.00	22.58 0.94 0.00	20.19 0.98 0.00	18.72 1.01 0.00	19.16 1.04 0.00	27.03 1.48 0.00	30.76 1.75 0.00	52.23 3.04 0.00	36.83 2.15 0.00	32.77 1.98 0.00	35.80 2.19 0.00	32.58 1.94 0.00	36.54 2.18 0.00	37.62 2.37 0.00	29.56 1.96 0.00	33.77 2.07 0.00	34.14 2.06 0.00	30.99 1.84 0.00	31.61 1.79 0.00	24.17 1.17 0.00
DANSKAMMER___3 23590	19.10 0.84 0.00	18.94 0.82 0.00	22.52 0.95 0.00	17.94 0.75 0.00	20.33 0.79 0.00	22.58 0.94 0.00	20.19 0.98 0.00	18.72 1.01 0.00	19.16 1.04 0.00	27.03 1.48 0.00	30.76 1.75 0.00	52.23 3.04 0.00	36.83 2.15 0.00	32.77 1.98 0.00	35.80 2.19 0.00	32.58 1.94 0.00	36.54 2.18 0.00	37.62 2.37 0.00	29.56 1.96 0.00	33.77 2.07 0.00	34.14 2.06 0.00	30.99 1.84 0.00	31.61 1.79 0.00	24.17 1.17 0.00
DANSKAMMER___4 23591	19.10 0.84 0.00	18.94 0.82 0.00	22.52 0.95 0.00	17.94 0.75 0.00	20.33 0.79 0.00	22.58 0.94 0.00	20.19 0.98 0.00	18.72 1.01 0.00	19.16 1.04 0.00	27.03 1.48 0.00	30.76 1.75 0.00	52.23 3.04 0.00	36.83 2.15 0.00	32.77 1.98 0.00	35.80 2.19 0.00	32.58 1.94 0.00	36.54 2.18 0.00	37.62 2.37 0.00	29.56 1.96 0.00	33.77 2.07 0.00	34.14 2.06 0.00	30.99 1.84 0.00	31.61 1.79 0.00	24.17 1.17 0.00
DANSKAMMER___DIESEL 23592	19.10 0.84 0.00	18.94 0.82 0.00	22.52 0.95 0.00	17.94 0.75 0.00	20.33 0.79 0.00	22.58 0.94 0.00	20.19 0.98 0.00	18.73 1.01 0.00	19.16 1.04 0.00	27.03 1.48 0.00	30.76 1.75 0.00	52.23 3.04 0.00	36.83 2.15 0.00	32.77 1.98 0.00	35.80 2.19 0.00	32.58 1.94 0.00	36.54 2.18 0.00	37.62 2.37 0.00	29.56 1.96 0.00	33.77 2.08 0.00	34.14 2.06 0.00	30.99 1.84 0.00	31.61 1.79 0.00	24.17 1.17 0.00

DARBY___SOLAR 323810	18.97 0.71 0.00	18.82 0.71 0.00	22.33 0.76 0.00	17.80 0.61 0.00	20.21 0.66 0.00	22.47 0.83 0.00	19.98 0.77 0.00	18.58 0.87 0.00	19.10 0.98 0.00	27.07 1.52 0.00	30.78 1.77 0.00	52.24 3.06 0.00	36.78 2.10 0.00	32.63 1.84 0.00	35.65 2.04 0.00	32.55 1.91 0.00	36.44 2.08 0.00	37.48 2.24 0.00	29.45 1.86 0.00	33.73 2.03 0.00	33.99 1.91 0.00	30.82 1.66 0.00	31.49 1.68 0.00	24.07 1.08 0.00
DASHVILLE___HYD 23610	18.89 0.63 0.00	18.74 0.62 0.00	22.30 0.73 0.00	17.76 0.57 0.00	20.12 0.57 0.00	22.33 0.69 0.00	19.98 0.77 0.00	18.52 0.81 0.00	18.93 0.81 0.00	26.68 1.13 0.00	30.37 1.36 0.00	51.58 2.40 0.00	36.34 1.66 0.00	32.35 1.56 0.00	35.36 1.75 0.00	32.14 1.51 0.00	36.07 1.71 0.00	37.12 1.88 0.00	29.17 1.57 0.00	33.33 1.63 0.00	33.71 1.63 0.00	30.62 1.47 0.00	31.25 1.43 0.00	23.92 0.92 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.60 1.34 0.00	19.35 1.23 0.00	22.91 1.34 0.00	18.47 1.28 0.00	20.66 1.11 0.00	22.13 1.22 0.73	20.54 1.33 0.00	19.16 1.44 0.00	19.82 1.69 0.00	28.03 2.48 0.00	34.31 2.72 -2.58	53.75 4.57 0.00	37.87 3.19 0.00	33.52 2.73 0.00	36.93 3.32 0.00	33.64 3.00 0.00	40.41 4.04 -2.01	47.11 4.22 -7.65	35.70 3.32 -4.78	35.21 3.51 0.00	35.15 3.07 0.00	31.95 2.80 0.00	32.60 2.78 0.00	24.67 1.67 0.00
DELAWARE___LFGE 323621	18.79 0.52 0.00	18.67 0.55 0.00	22.26 0.68 0.00	17.71 0.52 0.00	20.14 0.59 0.00	22.35 0.71 0.00	19.86 0.65 0.00	18.33 0.62 0.00	18.78 0.65 0.00	26.48 0.93 0.00	30.10 1.09 0.00	50.98 1.80 0.00	35.95 1.26 0.00	31.95 1.16 0.00	34.88 1.27 0.00	31.78 1.13 0.00	35.62 1.26 0.00	36.56 1.32 0.00	28.68 1.09 0.00	32.86 1.16 0.00	33.27 1.18 0.00	30.22 1.07 0.00	30.83 1.01 0.00	23.73 0.74 0.00
DERFIELD_115KV_TB7 355931	18.30 0.03 0.00	18.14 0.02 0.00	21.62 0.04 0.00	17.21 0.02 0.00	19.57 0.02 0.00	21.69 0.05 0.00	19.26 0.05 0.00	17.78 0.07 0.00	18.20 0.07 0.00	25.65 0.10 0.00	29.13 0.12 0.00	49.42 0.24 0.00	34.83 0.15 0.00	30.95 0.15 0.00	33.78 0.17 0.00	30.79 0.15 0.00	34.53 0.17 0.00	35.45 0.21 0.00	27.76 0.17 0.00	31.86 0.15 0.00	32.22 0.13 0.00	29.27 0.12 0.00	29.91 0.09 0.00	23.06 0.06 0.00
DOGLEVILLE___HYD 23807	18.51 0.24 0.00	18.34 0.22 0.00	21.85 0.27 0.00	17.39 0.20 0.00	19.75 0.20 0.00	21.96 0.32 0.00	19.56 0.35 0.00	18.21 0.50 0.00	18.72 0.59 0.00	26.49 0.94 0.00	30.11 1.10 0.00	51.15 1.97 0.00	35.98 1.30 0.00	31.99 1.19 0.00	34.90 1.29 0.00	31.91 1.27 0.00	35.72 1.36 0.00	36.83 1.59 0.00	28.93 1.34 0.00	33.00 1.30 0.00	33.15 1.06 0.00	30.05 0.90 0.00	30.47 0.65 0.00	23.35 0.35 0.00
DUNKIRK___115KV_TB_200 55889	18.94 0.67 0.00	18.73 0.62 0.00	22.35 0.78 0.00	17.87 0.68 0.00	20.55 1.00 0.00	22.86 1.22 0.00	20.13 0.92 0.00	18.36 0.65 0.00	18.72 0.59 0.00	26.49 0.94 0.00	30.04 1.03 0.00	50.29 1.10 0.00	35.74 1.05 0.00	31.86 1.06 0.00	34.68 1.07 0.00	31.72 1.08 0.00	35.53 1.17 0.00	36.09 0.85 0.00	28.39 0.79 0.00	32.63 0.92 0.00	33.21 1.13 0.00	30.28 1.13 0.00	30.99 1.17 0.00	24.20 1.21 0.00
DUNKIRK___1 23563	18.94 0.67 0.00	18.73 0.62 0.00	22.35 0.78 0.00	17.87 0.68 0.00	20.55 1.00 0.00	22.86 1.22 0.00	20.13 0.92 0.00	18.36 0.65 0.00	18.72 0.59 0.00	26.49 0.94 0.00	30.04 1.03 0.00	50.29 1.10 0.00	35.74 1.05 0.00	31.86 1.06 0.00	34.68 1.07 0.00	31.72 1.08 0.00	35.53 1.17 0.00	36.09 0.85 0.00	28.39 0.79 0.00	32.63 0.92 0.00	33.21 1.13 0.00	30.28 1.13 0.00	30.99 1.17 0.00	24.20 1.21 0.00
DUNKIRK___2 23564	18.94 0.67 0.00	18.73 0.62 0.00	22.35 0.78 0.00	17.87 0.68 0.00	20.55 1.00 0.00	22.86 1.22 0.00	20.13 0.92 0.00	18.36 0.65 0.00	18.72 0.59 0.00	26.49 0.94 0.00	30.04 1.03 0.00	50.29 1.10 0.00	35.74 1.05 0.00	31.86 1.06 0.00	34.68 1.07 0.00	31.72 1.08 0.00	35.53 1.17 0.00	36.09 0.85 0.00	28.39 0.79 0.00	32.63 0.92 0.00	33.21 1.13 0.00	30.28 1.13 0.00	30.99 1.17 0.00	24.20 1.21 0.00
DUNKIRK___3 23565	18.89 0.63 0.00	18.69 0.57 0.00	22.31 0.73 0.00	17.84 0.65 0.00	20.51 0.95 0.00	22.83 1.19 0.00	20.11 0.90 0.00	18.34 0.63 0.00	18.72 0.60 0.00	26.46 0.91 0.00	30.01 1.00 0.00	50.24 1.05 0.00	35.68 1.00 0.00	31.80 1.00 0.00	34.61 0.99 0.00	31.65 1.01 0.00	35.42 1.06 0.00	35.99 0.75 0.00	28.29 0.70 0.00	32.51 0.81 0.00	33.10 1.02 0.00	30.19 1.04 0.00	30.88 1.06 0.00	24.11 1.11 0.00
DUNKIRK___4 23566	18.90 0.63 0.00	18.69 0.58 0.00	22.32 0.74 0.00	17.85 0.66 0.00	20.53 0.98 0.00	22.84 1.20 0.00	20.11 0.90 0.00	18.32 0.61 0.00	18.70 0.57 0.00	26.42 0.88 0.00	29.97 0.96 0.00	50.19 1.01 0.00	35.66 0.97 0.00	31.76 0.97 0.00	34.57 0.95 0.00	31.60 0.96 0.00	35.38 1.02 0.00	35.94 0.70 0.00	28.28 0.69 0.00	32.49 0.79 0.00	33.08 0.99 0.00	30.17 1.02 0.00	30.90 1.08 0.00	24.14 1.15 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.04 0.78 0.00	18.88 0.76 0.00	22.48 0.91 0.00	17.93 0.74 0.00	20.29 0.75 0.00	22.53 0.89 0.00	20.18 0.96 0.00	18.71 1.00 0.00	19.12 1.00 0.00	26.93 1.38 0.00	30.64 1.63 0.00	52.01 2.82 0.00	36.64 1.95 0.00	32.62 1.83 0.00	35.68 2.06 0.00	32.43 1.78 0.00	36.39 2.03 0.00	37.45 2.21 0.00	29.40 1.81 0.00	33.58 1.88 0.00	33.97 1.89 0.00	30.87 1.72 0.00	31.52 1.70 0.00	24.11 1.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.98 0.71 0.00	18.83 0.71 0.00	22.39 0.82 0.00	17.83 0.65 0.00	20.21 0.67 0.00	22.45 0.81 0.00	20.07 0.86 0.00	18.59 0.88 0.00	19.02 0.89 0.00	26.80 1.26 0.00	30.49 1.48 0.00	51.74 2.56 0.00	36.49 1.80 0.00	32.48 1.68 0.00	35.48 1.87 0.00	32.27 1.63 0.00	36.19 1.83 0.00	37.26 2.02 0.00	29.28 1.68 0.00	33.46 1.76 0.00	33.83 1.75 0.00	30.74 1.58 0.00	31.32 1.50 0.00	23.98 0.99 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	562.89 0.71 -543.91	32.19 0.76 -13.31	22.51 0.94 0.00	17.91 0.72 0.00	20.26 0.72 0.00	22.47 0.83 0.00	20.17 0.96 0.00	18.71 1.00 0.00	28.21 0.94 -9.14	133.59 1.27 -106.77	33.20 1.61 -2.58	51.93 2.74 0.00	36.61 1.93 0.00	32.61 1.82 0.00	35.67 2.06 0.00	32.41 1.77 0.00	36.33 1.97 0.00	37.38 2.14 0.00	29.35 1.76 0.00	33.48 1.78 0.00	33.95 1.86 0.00	30.83 1.68 0.00	31.47 1.66 0.00	24.10 1.11 0.00
E179THST_13_KV_LOAD 356214	562.97 0.79 -543.91	32.26 0.83 -13.31	22.60 1.02 0.00	17.97 0.78 0.00	20.33 0.79 0.00	22.55 0.91 0.00	20.24 1.03 0.00	18.77 1.06 0.00	28.28 1.02 -9.14	133.69 1.37 -106.77	33.32 1.73 -2.58	52.12 2.94 0.00	36.77 2.09 0.00	32.75 1.96 0.00	35.82 2.20 0.00	32.55 1.91 0.00	36.50 2.14 0.00	37.54 2.30 0.00	29.49 1.90 0.00	33.64 1.94 0.00	34.10 2.02 0.00	30.96 1.82 0.00	31.62 1.80 0.00	24.21 1.21 0.00

EAST HAMPTON___GT 23717	19.78 1.51 0.00	19.50 1.38 0.00	23.09 1.52 0.00	18.61 1.43 0.00	20.83 1.28 0.00	22.32 1.40 0.73	20.71 1.50 0.00	19.32 1.60 0.00	20.01 1.88 0.00	28.31 2.76 0.00	34.63 3.04 -2.59	54.32 5.14 0.00	38.27 3.59 0.00	33.86 3.07 0.00	37.30 3.69 0.00	34.00 3.36 0.00	40.80 4.43 -2.01	47.54 4.64 -7.65	36.03 3.65 -4.78	35.58 3.88 0.00	35.50 3.42 0.00	32.26 3.11 0.00	32.89 3.07 0.00	24.88 1.88 0.00
EAST RIVER___6 23660	557.79 0.88 -538.65	31.84 0.86 -12.86	22.62 1.05 0.00	18.05 0.86 0.00	20.43 0.88 0.00	22.66 1.03 0.00	20.33 1.12 0.00	18.86 1.14 0.00	28.38 1.11 -9.14	133.83 1.51 -106.77	33.43 1.83 -2.58	52.36 3.17 0.00	36.89 2.20 0.00	32.84 2.05 0.00	35.93 2.32 0.00	32.63 1.99 0.00	36.63 2.26 0.00	37.66 2.42 0.00	29.54 1.94 0.00	33.73 2.03 0.00	34.15 2.07 0.00	31.04 1.89 0.00	31.69 1.88 0.00	24.24 1.25 0.00
EAST RIVER___7 23524	557.79 0.88 -538.65	31.84 0.86 -12.86	22.62 1.05 0.00	18.05 0.86 0.00	20.43 0.88 0.00	22.66 1.03 0.00	20.33 1.12 0.00	18.86 1.14 0.00	28.38 1.11 -9.14	133.83 1.51 -106.77	33.43 1.83 -2.58	52.36 3.17 0.00	36.89 2.20 0.00	32.84 2.05 0.00	35.93 2.32 0.00	32.63 1.99 0.00	36.63 2.26 0.00	37.66 2.42 0.00	29.54 1.94 0.00	33.73 2.03 0.00	34.15 2.07 0.00	31.04 1.89 0.00	31.69 1.88 0.00	24.24 1.25 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.02 0.76 0.00	18.86 0.74 0.00	22.46 0.88 0.00	17.89 0.70 0.00	20.26 0.71 0.00	22.50 0.86 0.00	20.14 0.93 0.00	18.68 0.96 0.00	19.08 0.96 0.00	26.89 1.34 0.00	30.61 1.60 0.00	51.95 2.76 0.00	36.60 1.92 0.00	32.57 1.78 0.00	35.63 2.02 0.00	32.39 1.75 0.00	36.35 1.99 0.00	37.40 2.15 0.00	29.37 1.78 0.00	33.54 1.84 0.00	33.92 1.84 0.00	30.83 1.67 0.00	31.46 1.65 0.00	24.07 1.07 0.00
EAST_HAMPTON___DIESEL 23722	19.78 1.51 0.00	19.50 1.38 0.00	23.10 1.52 0.00	18.61 1.43 0.00	20.83 1.28 0.00	22.32 1.41 0.73	20.71 1.50 0.00	19.32 1.61 0.00	20.01 1.88 0.00	28.31 2.76 0.00	34.64 3.04 -2.59	54.32 5.14 0.00	38.27 3.59 0.00	33.86 3.07 0.00	37.30 3.69 0.00	34.00 3.36 0.00	40.81 4.44 -2.01	47.54 4.64 -7.65	36.03 3.65 -4.78	35.58 3.88 0.00	35.51 3.43 0.00	32.27 3.12 0.00	32.89 3.07 0.00	24.88 1.88 0.00
EAST_PULASKI___ESR 323781	18.13 -0.14 0.00	17.94 -0.17 0.00	21.41 -0.16 0.00	17.05 -0.14 0.00	19.42 -0.13 0.00	21.53 -0.11 0.00	19.08 -0.14 0.00	17.54 -0.18 0.00	17.96 -0.16 0.00	25.27 -0.28 0.00	30.19 -0.29 -1.47	48.59 -0.59 0.00	34.32 -0.36 0.00	30.50 -0.30 0.00	33.22 -0.40 0.00	30.22 -0.42 0.00	33.88 -0.48 0.00	34.76 -0.48 0.00	27.26 -0.33 0.00	31.29 -0.41 0.00	31.69 -0.40 0.00	28.84 -0.31 0.00	29.60 -0.22 0.00	22.92 -0.07 0.00
EAST_RIVER___1 323558	557.74 0.83 -538.65	31.80 0.81 -12.86	22.56 0.99 0.00	17.98 0.79 0.00	20.36 0.81 0.00	22.60 0.96 0.00	20.26 1.04 0.00	18.78 1.07 0.00	28.31 1.05 -9.14	133.75 1.43 -106.77	33.34 1.75 -2.58	52.20 3.01 0.00	36.77 2.09 0.00	32.74 1.95 0.00	35.83 2.22 0.00	32.53 1.90 0.00	36.51 2.15 0.00	37.54 2.30 0.00	29.45 1.86 0.00	33.63 1.93 0.00	34.05 1.97 0.00	30.95 1.81 0.00	31.61 1.79 0.00	24.18 1.18 0.00
EAST_RIVER___2 323559	557.79 0.88 -538.65	31.84 0.86 -12.86	22.62 1.05 0.00	18.05 0.86 0.00	20.43 0.88 0.00	22.66 1.03 0.00	20.33 1.12 0.00	18.86 1.14 0.00	28.38 1.11 -9.14	133.83 1.51 -106.77	33.43 1.83 -2.58	52.36 3.17 0.00	36.89 2.20 0.00	32.84 2.05 0.00	35.93 2.32 0.00	32.63 1.99 0.00	36.63 2.26 0.00	37.66 2.42 0.00	29.54 1.94 0.00	33.73 2.03 0.00	34.15 2.07 0.00	31.04 1.89 0.00	31.69 1.88 0.00	24.24 1.25 0.00
EAST___DELAWARE_HYD 23607	18.75 0.49 0.00	18.60 0.48 0.00	22.12 0.54 0.00	17.61 0.42 0.00	19.97 0.42 0.00	22.18 0.54 0.00	19.83 0.62 0.00	18.38 0.67 0.00	18.84 0.71 0.00	26.52 0.97 0.00	30.17 1.16 0.00	51.26 2.07 0.00	36.14 1.45 0.00	32.17 1.38 0.00	35.15 1.54 0.00	31.98 1.34 0.00	35.88 1.52 0.00	36.96 1.72 0.00	29.04 1.44 0.00	33.18 1.48 0.00	33.55 1.47 0.00	30.44 1.29 0.00	30.99 1.18 0.00	23.71 0.72 0.00
EIGHT_POINT___WT_PWR 323820	18.96 0.69 0.00	18.81 0.69 0.00	22.50 0.92 0.00	17.93 0.74 0.00	20.51 0.95 0.00	22.79 1.15 0.00	20.13 0.92 0.00	18.29 0.58 0.00	18.79 0.67 0.00	26.34 0.79 0.00	29.75 0.74 0.00	50.48 1.29 0.00	35.83 1.15 0.00	32.01 1.21 0.00	34.93 1.32 0.00	31.95 1.31 0.00	35.75 1.39 0.00	36.39 1.15 0.00	28.58 0.98 0.00	32.90 1.20 0.00	33.50 1.42 0.00	30.46 1.31 0.00	31.08 1.26 0.00	24.03 1.03 0.00
ELBRIDGE_115KV_TB2 80188	18.40 0.13 0.00	18.28 0.16 0.00	21.76 0.18 0.00	17.36 0.17 0.00	19.79 0.24 0.00	21.93 0.29 0.00	19.43 0.22 0.00	17.86 0.14 0.00	18.25 0.13 0.00	25.71 0.16 0.00	29.17 0.16 0.00	49.30 0.12 0.00	34.91 0.23 0.00	30.99 0.20 0.00	33.85 0.24 0.00	30.85 0.20 0.00	34.61 0.25 0.00	35.47 0.22 0.00	27.83 0.24 0.00	31.84 0.13 0.00	32.25 0.17 0.00	29.35 0.19 0.00	29.97 0.15 0.00	23.25 0.25 0.00
ELEC_TRO_TEK 24086	19.19 0.93 0.00	18.98 0.87 0.00	22.60 1.03 0.00	18.08 0.89 0.00	20.44 0.89 0.00	22.68 1.04 0.00	20.33 1.12 0.00	18.87 1.16 0.00	19.31 1.18 0.00	27.26 1.71 0.00	33.62 2.02 -2.58	52.49 3.31 0.00	36.99 2.30 0.00	32.88 2.08 0.00	36.06 2.45 0.00	32.77 2.12 0.00	38.88 2.51 -2.01	45.61 2.71 -7.65	34.59 2.22 -4.78	33.94 2.24 0.00	34.27 2.18 0.00	31.14 1.99 0.00	31.82 2.00 0.00	24.31 1.32 0.00
ELLENBURG_WT_PWR 323604	18.70 0.43 0.00	18.61 0.49 0.00	22.09 0.52 0.00	17.62 0.43 0.00	20.09 0.55 0.00	22.17 0.53 0.00	19.69 0.48 0.00	18.19 0.48 0.00	18.64 0.51 0.00	26.34 0.79 0.00	115.73 1.09 -85.63	50.58 1.40 0.00	35.58 0.90 0.00	31.49 0.69 0.00	34.33 0.72 0.00	31.40 0.75 0.00	35.24 0.88 0.00	36.13 0.88 0.00	28.23 0.64 0.00	32.54 0.83 0.00	32.85 0.77 0.00	29.76 0.61 0.00	30.31 0.49 0.00	23.25 0.25 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.64 0.37 0.00	18.46 0.35 0.00	22.06 0.49 0.00	17.68 0.49 0.00	20.33 0.78 0.00	22.63 0.99 0.00	19.92 0.71 0.00	18.07 0.36 0.00	18.50 0.37 0.00	26.04 0.49 0.00	29.56 0.55 0.00	49.54 0.36 0.00	35.14 0.46 0.00	31.23 0.44 0.00	34.00 0.39 0.00	31.02 0.37 0.00	34.73 0.37 0.00	35.24 0.00 0.00	27.74 0.15 0.00	31.85 0.14 0.00	32.43 0.35 0.00	29.62 0.47 0.00	30.43 0.61 0.00	23.81 0.82 0.00
EMPIRE_CC_1 323656	18.65 0.38 0.00	18.51 0.39 0.00	21.98 0.41 0.00	17.53 0.34 0.00	19.88 0.33 0.00	22.07 0.43 0.00	19.65 0.44 0.00	18.24 0.53 0.00	18.70 0.58 0.00	26.42 0.87 0.00	30.03 1.02 0.00	51.14 1.95 0.00	35.99 1.31 0.00	31.96 1.16 0.00	34.90 1.29 0.00	31.84 1.20 0.00	35.64 1.27 0.00	36.65 1.41 0.00	28.83 1.23 0.00	32.99 1.29 0.00	33.27 1.19 0.00	30.22 1.07 0.00	30.91 1.10 0.00	23.64 0.64 0.00

EMPIRE_CC_2 323658	18.65 0.38 0.00	18.51 0.39 0.00	21.98 0.41 0.00	17.53 0.34 0.00	19.88 0.33 0.00	22.07 0.43 0.00	19.65 0.44 0.00	18.24 0.53 0.00	18.70 0.58 0.00	26.42 0.87 0.00	30.03 1.02 0.00	51.14 1.95 0.00	35.99 1.31 0.00	31.96 1.16 0.00	34.90 1.29 0.00	31.84 1.20 0.00	35.64 1.27 0.00	36.65 1.41 0.00	28.83 1.23 0.00	32.99 1.29 0.00	33.27 1.19 0.00	30.22 1.07 0.00	30.91 1.10 0.00	23.64 0.64 0.00
ENORWICH_115KV_TB1 80156	19.63 1.36 0.00	19.44 1.33 0.00	23.19 1.62 0.00	18.45 1.26 0.00	21.07 1.52 0.00	23.42 1.78 0.00	20.82 1.60 0.00	19.23 1.51 0.00	19.80 1.68 0.00	28.01 2.46 0.00	31.88 2.86 0.00	53.82 4.63 0.00	38.03 3.35 0.00	33.72 2.93 0.00	36.68 3.07 0.00	33.50 2.86 0.00	37.67 3.31 0.00	38.74 3.49 0.00	30.39 2.80 0.00	34.72 3.02 0.00	35.18 3.10 0.00	31.85 2.70 0.00	32.30 2.49 0.00	24.89 1.89 0.00
ERIE_ST__34_KV_TB1-2 80199	18.98 0.72 0.00	18.79 0.67 0.00	22.45 0.87 0.00	17.98 0.79 0.00	20.66 1.11 0.00	23.01 1.37 0.00	20.27 1.06 0.00	18.42 0.71 0.00	18.87 0.74 0.00	26.57 1.02 0.00	30.18 1.17 0.00	50.59 1.41 0.00	35.87 1.19 0.00	31.88 1.09 0.00	34.71 1.09 0.00	31.66 1.02 0.00	35.46 1.10 0.00	36.01 0.76 0.00	28.35 0.76 0.00	32.55 0.85 0.00	33.13 1.05 0.00	30.23 1.08 0.00	31.01 1.20 0.00	24.23 1.24 0.00
ERIE_WT_PWR 323693	18.78 0.52 0.00	18.59 0.48 0.00	22.22 0.64 0.00	17.80 0.61 0.00	20.47 0.92 0.00	22.79 1.15 0.00	20.05 0.84 0.00	18.22 0.51 0.00	18.64 0.52 0.00	26.24 0.69 0.00	29.77 0.76 0.00	49.90 0.71 0.00	35.40 0.71 0.00	31.49 0.69 0.00	34.28 0.67 0.00	31.28 0.64 0.00	35.03 0.67 0.00	35.56 0.31 0.00	27.98 0.39 0.00	32.14 0.44 0.00	32.73 0.64 0.00	29.87 0.72 0.00	30.68 0.86 0.00	23.99 0.99 0.00
ESPRGFLD_115KV_TB1 80157	19.10 0.83 0.00	18.96 0.84 0.00	22.64 1.06 0.00	18.02 0.83 0.00	20.55 1.00 0.00	22.78 1.14 0.00	20.20 0.99 0.00	18.57 0.85 0.00	18.97 0.85 0.00	26.76 1.22 0.00	30.44 1.43 0.00	51.45 2.27 0.00	36.29 1.60 0.00	32.28 1.48 0.00	35.18 1.57 0.00	32.06 1.42 0.00	35.97 1.61 0.00	36.90 1.66 0.00	28.89 1.29 0.00	33.12 1.42 0.00	33.52 1.44 0.00	30.43 1.28 0.00	30.99 1.17 0.00	24.02 1.02 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.79 0.52 0.00	18.64 0.52 0.00	22.23 0.65 0.00	17.71 0.52 0.00	20.18 0.63 0.00	22.40 0.76 0.00	19.87 0.66 0.00	18.30 0.58 0.00	18.75 0.62 0.00	26.42 0.87 0.00	30.02 1.01 0.00	50.74 1.55 0.00	35.88 1.20 0.00	31.90 1.10 0.00	34.80 1.19 0.00	31.77 1.13 0.00	35.63 1.27 0.00	36.51 1.28 0.00	28.66 1.07 0.00	32.81 1.11 0.00	33.23 1.15 0.00	30.17 1.02 0.00	30.76 0.94 0.00	23.78 0.78 0.00
ETNA_____115KV_TB2 80207	18.79 0.52 0.00	18.64 0.52 0.00	22.23 0.65 0.00	17.71 0.52 0.00	20.18 0.63 0.00	22.40 0.76 0.00	19.87 0.66 0.00	18.30 0.58 0.00	18.75 0.62 0.00	26.42 0.87 0.00	30.02 1.01 0.00	50.74 1.55 0.00	35.88 1.20 0.00	31.90 1.10 0.00	34.80 1.19 0.00	31.77 1.13 0.00	35.63 1.27 0.00	36.51 1.28 0.00	28.66 1.07 0.00	32.81 1.11 0.00	33.23 1.15 0.00	30.17 1.02 0.00	30.76 0.94 0.00	23.78 0.78 0.00
EUCLID___115KV_TB2 356179	18.16 -0.11 0.00	18.01 -0.11 0.00	21.47 -0.10 0.00	17.10 -0.08 0.00	19.48 -0.06 0.00	21.61 -0.03 0.00	19.11 -0.10 0.00	17.55 -0.16 0.00	17.95 -0.17 0.00	25.25 -0.30 0.00	28.66 -0.35 0.00	48.50 -0.69 0.00	34.26 -0.42 0.00	30.46 -0.34 0.00	33.23 -0.39 0.00	30.29 -0.35 0.00	33.96 -0.40 0.00	34.81 -0.43 0.00	27.30 -0.29 0.00	31.29 -0.41 0.00	31.69 -0.39 0.00	28.80 -0.35 0.00	29.49 -0.32 0.00	22.90 -0.10 0.00
E_CANADA_CAP_HY 24051	19.13 0.87 0.00	18.98 0.86 0.00	22.64 1.07 0.00	18.05 0.86 0.00	20.58 1.03 0.00	22.78 1.14 0.00	20.20 0.98 0.00	18.55 0.84 0.00	18.94 0.81 0.00	26.74 1.19 0.00	30.42 1.41 0.00	51.44 2.25 0.00	36.25 1.57 0.00	32.25 1.45 0.00	35.16 1.55 0.00	32.05 1.42 0.00	35.96 1.60 0.00	36.92 1.68 0.00	28.88 1.29 0.00	33.12 1.42 0.00	33.49 1.40 0.00	30.39 1.23 0.00	30.96 1.14 0.00	24.00 1.01 0.00
E_CANADA_MHWK_HY 24050	18.51 0.24 0.00	18.34 0.22 0.00	21.85 0.27 0.00	17.39 0.20 0.00	19.75 0.20 0.00	21.96 0.32 0.00	19.56 0.35 0.00	18.21 0.50 0.00	18.72 0.59 0.00	26.49 0.94 0.00	30.11 1.10 0.00	51.15 1.97 0.00	35.98 1.30 0.00	31.99 1.19 0.00	34.90 1.29 0.00	31.91 1.27 0.00	35.72 1.36 0.00	36.83 1.59 0.00	28.93 1.34 0.00	33.00 1.30 0.00	33.15 1.06 0.00	30.05 0.90 0.00	30.47 0.65 0.00	23.35 0.35 0.00
E_FISHKILL___LBMP 23776	18.92 0.66 0.00	18.76 0.64 0.00	22.33 0.75 0.00	17.79 0.60 0.00	20.15 0.61 0.00	22.37 0.74 0.00	20.00 0.79 0.00	18.56 0.84 0.00	18.97 0.85 0.00	26.74 1.19 0.00	30.43 1.42 0.00	51.67 2.49 0.00	36.41 1.72 0.00	32.39 1.60 0.00	35.40 1.79 0.00	32.21 1.57 0.00	36.12 1.76 0.00	37.17 1.92 0.00	29.20 1.61 0.00	33.36 1.67 0.00	33.73 1.64 0.00	30.64 1.49 0.00	31.29 1.47 0.00	23.94 0.94 0.00
FALCON___SEABRD_CC1 323796	18.92 0.65 0.00	18.86 0.74 0.00	22.36 0.79 0.00	17.84 0.65 0.00	20.35 0.80 0.00	22.47 0.83 0.00	19.95 0.74 0.00	18.45 0.74 0.00	18.91 0.79 0.00	26.73 1.19 0.00	115.43 1.60 -84.82	51.28 2.10 0.00	36.06 1.38 0.00	31.89 1.10 0.00	34.76 1.15 0.00	31.82 1.18 0.00	35.70 1.34 0.00	36.62 1.38 0.00	28.63 1.04 0.00	33.04 1.34 0.00	33.32 1.24 0.00	30.17 1.02 0.00	30.75 0.93 0.00	23.56 0.56 0.00
FALCON___SEABRD_CC2 323797	18.92 0.65 0.00	18.86 0.74 0.00	22.36 0.79 0.00	17.84 0.65 0.00	20.35 0.80 0.00	22.47 0.83 0.00	19.95 0.74 0.00	18.45 0.74 0.00	18.91 0.79 0.00	26.73 1.19 0.00	115.43 1.60 -84.82	51.28 2.10 0.00	36.06 1.38 0.00	31.89 1.10 0.00	34.76 1.15 0.00	31.82 1.18 0.00	35.70 1.34 0.00	36.62 1.38 0.00	28.63 1.04 0.00	33.04 1.34 0.00	33.32 1.24 0.00	30.17 1.02 0.00	30.75 0.93 0.00	23.56 0.56 0.00
FAR ROCKAWAY___4 23548	19.39 1.13 0.00	19.16 1.05 0.00	22.83 1.25 0.00	18.27 1.08 0.00	20.65 1.10 0.00	22.92 1.28 0.00	20.54 1.33 0.00	19.07 1.35 0.00	19.51 1.38 0.00	27.54 2.00 0.00	34.00 2.41 -2.58	53.07 3.89 0.00	37.39 2.70 0.00	33.24 2.45 0.00	36.47 2.86 0.00	33.14 2.50 0.00	39.32 2.95 -2.01	46.05 3.16 -7.65	34.86 2.48 -4.78	34.33 2.63 0.00	34.65 2.57 0.00	31.51 2.36 0.00	32.20 2.38 0.00	24.61 1.61 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	558.72 0.83 -539.63	31.88 0.82 -12.95	22.57 0.99 0.00	17.98 0.79 0.00	20.36 0.81 0.00	22.60 0.96 0.00	20.26 1.05 0.00	18.78 1.07 0.00	28.32 1.05 -9.14	133.75 1.43 -106.77	33.35 1.76 -2.58	52.21 3.02 0.00	36.79 2.11 0.00	32.75 1.96 0.00	35.83 2.22 0.00	32.54 1.90 0.00	36.52 2.16 0.00	37.56 2.32 0.00	29.46 1.86 0.00	33.64 1.95 0.00	34.05 1.97 0.00	30.96 1.81 0.00	31.63 1.81 0.00	24.19 1.19 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	558.73 0.84 -539.63	31.89 0.83 -12.95	22.57 1.00 0.00	17.99 0.80 0.00	20.36 0.81 0.00	22.61 0.97 0.00	20.26 1.05 0.00	18.79 1.08 0.00	28.32 1.06 -9.14	133.77 1.45 -106.77	33.36 1.77 -2.58	52.24 3.05 0.00	36.81 2.12 0.00	32.77 1.98 0.00	35.85 2.24 0.00	32.56 1.92 0.00	36.54 2.17 0.00	37.58 2.33 0.00	29.48 1.89 0.00	33.66 1.96 0.00	34.08 2.00 0.00	30.98 1.83 0.00	31.64 1.82 0.00	24.20 1.20 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	558.71 0.82 -539.63	31.87 0.81 -12.95	22.55 0.98 0.00	17.97 0.79 0.00	20.35 0.80 0.00	22.59 0.95 0.00	20.25 1.04 0.00	18.78 1.07 0.00	28.31 1.04 -9.14	133.75 1.43 -106.77	33.33 1.74 -2.58	52.20 3.01 0.00	36.77 2.09 0.00	32.74 1.95 0.00	35.82 2.21 0.00	32.53 1.89 0.00	36.50 2.14 0.00	37.54 2.30 0.00	29.45 1.86 0.00	33.63 1.93 0.00	34.04 1.96 0.00	30.95 1.80 0.00	31.61 1.79 0.00	24.18 1.18 0.00
FARRAGUT___LBMP 323566	558.70 0.81 -539.63	31.86 0.80 -12.95	22.54 0.97 0.00	17.96 0.77 0.00	20.33 0.79 0.00	22.57 0.94 0.00	20.24 1.02 0.00	18.76 1.05 0.00	28.29 1.03 -9.14	133.72 1.41 -106.77	33.31 1.72 -2.58	52.15 2.96 0.00	36.74 2.06 0.00	32.71 1.92 0.00	35.79 2.18 0.00	32.50 1.87 0.00	36.47 2.11 0.00	37.51 2.27 0.00	29.43 1.83 0.00	33.61 1.91 0.00	34.02 1.94 0.00	30.93 1.78 0.00	31.59 1.77 0.00	24.16 1.17 0.00
FENNER___WINDPWR 24204	18.67 0.41 0.00	18.52 0.40 0.00	22.08 0.50 0.00	17.58 0.39 0.00	20.01 0.46 0.00	22.20 0.56 0.00	19.72 0.51 0.00	18.19 0.48 0.00	18.64 0.52 0.00	26.29 0.75 0.00	29.88 0.87 0.00	50.65 1.46 0.00	35.76 1.08 0.00	31.78 0.98 0.00	34.62 1.01 0.00	31.58 0.94 0.00	35.45 1.09 0.00	36.37 1.13 0.00	28.51 0.92 0.00	32.64 0.94 0.00	33.03 0.95 0.00	29.99 0.84 0.00	30.59 0.78 0.00	23.60 0.60 0.00
FIBERTEK___ENERGY 23856	18.41 0.14 0.00	18.27 0.15 0.00	21.77 0.19 0.00	17.35 0.16 0.00	19.77 0.22 0.00	21.92 0.28 0.00	19.41 0.20 0.00	17.84 0.12 0.00	18.24 0.12 0.00	25.67 0.12 0.00	29.15 0.14 0.00	49.30 0.11 0.00	34.87 0.18 0.00	30.98 0.18 0.00	33.82 0.21 0.00	30.84 0.19 0.00	34.58 0.22 0.00	35.45 0.20 0.00	27.80 0.21 0.00	31.83 0.13 0.00	32.24 0.16 0.00	29.31 0.15 0.00	29.96 0.15 0.00	23.23 0.23 0.00
FITZPATRICK____ 23598	17.86 -0.41 0.00	17.72 -0.40 0.00	21.11 -0.46 0.00	16.83 -0.36 0.00	19.17 -0.38 0.00	21.23 -0.41 0.00	18.76 -0.45 0.00	17.23 -0.48 0.00	17.62 -0.50 0.00	24.78 -0.77 0.00	28.12 -0.89 0.00	47.57 -1.62 0.00	33.59 -1.10 0.00	29.84 -0.96 0.00	32.56 -1.06 0.00	29.68 -0.96 0.00	33.26 -1.10 0.00	34.10 -1.14 0.00	26.74 -0.86 0.00	30.66 -1.04 0.00	31.05 -1.03 0.00	28.22 -0.93 0.00	28.94 -0.88 0.00	22.49 -0.50 0.00
FLOWRFLD_69_KV_BK1 356044	19.22 0.95 0.00	18.99 0.87 0.00	22.50 0.93 0.00	18.08 0.89 0.00	20.29 0.74 0.00	21.65 0.85 0.85	20.21 0.99 0.00	18.82 1.10 0.00	19.36 1.24 0.00	27.35 1.81 0.00	33.70 2.11 -2.58	52.67 3.49 0.00	37.10 2.42 0.00	32.89 2.09 0.00	36.17 2.56 0.00	32.89 2.25 0.00	39.34 2.97 -2.01	46.07 3.18 -7.65	34.93 2.56 -4.78	34.31 2.61 0.00	34.40 2.32 0.00	31.32 2.16 0.00	32.02 2.21 0.00	24.27 1.27 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.13 0.87 0.00	18.97 0.85 0.00	22.56 0.99 0.00	17.97 0.78 0.00	20.36 0.82 0.00	22.62 0.98 0.00	20.23 1.01 0.00	18.76 1.05 0.00	19.20 1.08 0.00	27.08 1.53 0.00	30.83 1.82 0.00	52.34 3.16 0.00	36.90 2.22 0.00	32.84 2.05 0.00	35.89 2.28 0.00	32.65 2.01 0.00	36.63 2.27 0.00	37.70 2.46 0.00	29.63 2.04 0.00	33.84 2.14 0.00	34.21 2.13 0.00	31.05 1.90 0.00	31.67 1.85 0.00	24.21 1.22 0.00
FORT ORANGE____ 23900	18.47 0.20 0.00	18.31 0.18 0.00	21.75 0.17 0.00	17.35 0.16 0.00	19.68 0.13 0.00	21.84 0.20 0.00	19.45 0.24 0.00	18.06 0.35 0.00	18.53 0.41 0.00	26.18 0.63 0.00	29.79 0.77 0.00	50.67 1.49 0.00	35.68 0.99 0.00	31.69 0.89 0.00	34.61 1.00 0.00	31.57 0.93 0.00	35.37 1.01 0.00	36.39 1.15 0.00	28.57 0.97 0.00	32.74 1.04 0.00	33.02 0.94 0.00	29.97 0.82 0.00	30.58 0.76 0.00	23.32 0.32 0.00
FORT_DRUM_COGEN 23780	18.39 0.12 0.00	18.11 -0.01 0.00	21.67 0.10 0.00	17.22 0.04 0.00	19.62 0.07 0.00	21.75 0.11 0.00	19.39 0.17 0.00	17.93 0.22 0.00	18.39 0.27 0.00	25.95 0.40 0.00	33.94 0.55 -4.38	50.05 0.86 0.00	35.34 0.66 0.00	31.43 0.63 0.00	34.31 0.69 0.00	31.35 0.70 0.00	35.14 0.78 0.00	36.16 0.92 0.00	28.35 0.76 0.00	32.53 0.83 0.00	32.92 0.84 0.00	29.78 0.63 0.00	30.45 0.64 0.00	23.43 0.43 0.00
FPL_FAR_ROCK_GT1 24212	19.39 1.13 0.00	19.16 1.05 0.00	22.83 1.25 0.00	18.27 1.08 0.00	20.65 1.10 0.00	22.92 1.28 0.00	20.54 1.33 0.00	19.06 1.35 0.00	19.51 1.38 0.00	27.55 2.00 0.00	34.00 2.41 -2.59	53.07 3.89 0.00	37.39 2.70 0.00	33.24 2.45 0.00	36.47 2.86 0.00	33.14 2.50 0.00	39.32 2.95 -2.01	46.05 3.16 -7.65	34.86 2.48 -4.78	34.33 2.63 0.00	34.65 2.57 0.00	31.51 2.35 0.00	32.20 2.38 0.00	24.61 1.61 0.00
FPL_FAR_ROCK_GT2 23815	19.39 1.13 0.00	19.16 1.05 0.00	22.83 1.25 0.00	18.27 1.08 0.00	20.65 1.10 0.00	22.92 1.28 0.00	20.54 1.33 0.00	19.06 1.35 0.00	19.51 1.38 0.00	27.55 2.00 0.00	34.00 2.41 -2.59	53.07 3.89 0.00	37.39 2.70 0.00	33.24 2.45 0.00	36.47 2.86 0.00	33.14 2.50 0.00	39.32 2.95 -2.01	46.05 3.16 -7.65	34.86 2.48 -4.78	34.33 2.63 0.00	34.65 2.57 0.00	31.51 2.35 0.00	32.20 2.38 0.00	24.61 1.61 0.00
FRANKLIN_FALL_HYD 24054	18.73 0.46 0.00	18.59 0.47 0.00	22.09 0.51 0.00	17.61 0.43 0.00	20.05 0.51 0.00	22.07 0.43 0.00	19.62 0.41 0.00	18.11 0.40 0.00	18.58 0.46 0.00	26.29 0.74 0.00	93.25 1.22 -63.02	50.66 1.47 0.00	35.57 0.89 0.00	31.46 0.66 0.00	34.33 0.72 0.00	31.39 0.75 0.00	35.26 0.90 0.00	36.16 0.91 0.00	28.26 0.66 0.00	32.56 0.86 0.00	32.92 0.83 0.00	29.84 0.68 0.00	30.45 0.63 0.00	23.36 0.36 0.00
FREEPORT_EQUS_GT1 23764	19.30 1.03 0.00	19.08 0.96 0.00	22.71 1.13 0.00	18.15 0.97 0.00	20.52 0.97 0.00	22.76 1.13 0.00	20.41 1.19 0.00	18.96 1.24 0.00	19.41 1.29 0.00	27.40 1.86 0.00	33.73 2.14 -2.59	52.68 3.49 0.00	37.18 2.49 0.00	33.07 2.27 0.00	36.29 2.68 0.00	32.95 2.31 0.00	39.01 2.64 -2.01	45.76 2.86 -7.65	34.76 2.38 -4.78	34.18 2.48 0.00	34.47 2.39 0.00	31.33 2.18 0.00	32.02 2.21 0.00	24.44 1.44 0.00
FREEPORT___CT2 23818	19.30 1.03 0.00	19.08 0.96 0.00	22.71 1.13 0.00	18.15 0.97 0.00	20.52 0.97 0.00	22.76 1.13 0.00	20.41 1.19 0.00	18.96 1.24 0.00	19.41 1.29 0.00	27.40 1.86 0.00	33.73 2.14 -2.59	52.68 3.49 0.00	37.18 2.49 0.00	33.07 2.27 0.00	36.29 2.68 0.00	32.95 2.31 0.00	39.01 2.64 -2.01	45.76 2.86 -7.65	34.76 2.38 -4.78	34.18 2.48 0.00	34.47 2.39 0.00	31.33 2.18 0.00	32.02 2.21 0.00	24.44 1.44 0.00

FRESHKLS_33_KV_LOAD 356253	562.93 0.75 -543.91	32.33 0.91 -13.31	22.78 1.21 0.00	18.15 0.96 0.00	20.56 1.01 0.00	22.81 1.18 0.00	20.48 1.26 0.00	18.96 1.25 0.00	28.43 1.17 -9.14	131.44 1.40 -104.49	32.06 1.43 -1.61	51.37 2.28 0.10	36.32 1.64 0.00	32.34 1.55 0.00	35.37 1.76 0.00	32.21 1.57 0.00	36.22 1.86 0.00	37.35 2.11 0.00	29.48 1.89 0.00	33.48 1.78 0.00	33.97 1.88 0.00	30.83 1.68 0.00	31.44 1.62 0.00	24.24 1.24 0.00
FULTON COGEN____ 23766	18.09 -0.17 0.00	17.94 -0.18 0.00	21.39 -0.19 0.00	17.04 -0.15 0.00	19.41 -0.14 0.00	21.52 -0.12 0.00	19.02 -0.19 0.00	17.47 -0.24 0.00	17.88 -0.24 0.00	25.14 -0.41 0.00	28.56 -0.46 0.00	48.32 -0.87 0.00	34.12 -0.56 0.00	30.34 -0.46 0.00	33.07 -0.54 0.00	30.13 -0.51 0.00	33.76 -0.60 0.00	34.61 -0.63 0.00	27.15 -0.45 0.00	31.13 -0.57 0.00	31.53 -0.55 0.00	28.66 -0.49 0.00	29.39 -0.43 0.00	22.82 -0.17 0.00
FULTON____LFGE 323630	19.33 1.07 0.00	19.06 0.95 0.00	22.71 1.13 0.00	18.07 0.88 0.00	20.58 1.03 0.00	22.79 1.15 0.00	20.30 1.09 0.00	18.82 1.10 0.00	19.31 1.18 0.00	27.41 1.86 0.00	31.19 2.18 0.00	52.77 3.59 0.00	37.19 2.50 0.00	33.16 2.37 0.00	36.24 2.63 0.00	33.13 2.49 0.00	37.20 2.84 0.00	38.32 3.08 0.00	30.07 2.48 0.00	34.48 2.78 0.00	34.77 2.69 0.00	31.39 2.24 0.00	31.93 2.12 0.00	24.57 1.57 0.00
G.F.CEMENT____DRP 24184	19.12 0.85 0.00	18.96 0.85 0.00	22.44 0.87 0.00	17.89 0.71 0.00	20.32 0.78 0.00	22.63 0.99 0.00	20.10 0.89 0.00	18.76 1.05 0.00	19.32 1.20 0.00	27.44 1.90 0.00	31.23 2.22 0.00	52.96 3.78 0.00	37.24 2.55 0.00	33.03 2.23 0.00	36.05 2.44 0.00	32.96 2.32 0.00	36.90 2.54 0.00	37.92 2.68 0.00	29.83 2.24 0.00	34.17 2.47 0.00	34.41 2.32 0.00	31.14 1.99 0.00	31.83 2.01 0.00	24.29 1.29 0.00
GARDENVILLE____LBMP 24039	18.72 0.45 0.00	18.54 0.42 0.00	22.15 0.57 0.00	17.74 0.55 0.00	20.40 0.85 0.00	22.71 1.07 0.00	19.98 0.77 0.00	18.14 0.43 0.00	18.56 0.44 0.00	26.14 0.60 0.00	29.68 0.67 0.00	49.75 0.56 0.00	35.29 0.60 0.00	31.38 0.59 0.00	34.16 0.55 0.00	31.18 0.54 0.00	34.91 0.55 0.00	35.43 0.18 0.00	27.88 0.29 0.00	32.02 0.32 0.00	32.61 0.52 0.00	29.77 0.61 0.00	30.57 0.75 0.00	23.90 0.91 0.00
GARDNVLA_35_KV_LD 355827	18.79 0.52 0.00	18.61 0.49 0.00	22.23 0.65 0.00	17.81 0.62 0.00	20.48 0.93 0.00	22.80 1.16 0.00	20.06 0.85 0.00	18.21 0.50 0.00	18.64 0.52 0.00	26.26 0.71 0.00	29.81 0.80 0.00	49.96 0.77 0.00	35.44 0.75 0.00	31.52 0.72 0.00	34.32 0.71 0.00	31.31 0.67 0.00	35.08 0.72 0.00	35.60 0.36 0.00	28.02 0.43 0.00	32.17 0.47 0.00	32.76 0.67 0.00	29.91 0.75 0.00	30.70 0.88 0.00	24.00 1.01 0.00
GELCKHM__115KV_LOAD 80723	18.25 -0.02 0.00	18.10 -0.01 0.00	21.58 0.00 0.00	17.19 0.01 0.00	19.59 0.04 0.00	21.72 0.08 0.00	19.22 0.01 0.00	17.65 -0.06 0.00	18.06 -0.06 0.00	25.40 -0.15 0.00	28.85 -0.16 0.00	48.80 -0.39 0.00	34.49 -0.20 0.00	30.65 -0.15 0.00	33.45 -0.16 0.00	30.50 -0.13 0.00	34.20 -0.16 0.00	35.05 -0.19 0.00	27.48 -0.11 0.00	31.50 -0.20 0.00	31.90 -0.18 0.00	28.99 -0.16 0.00	29.67 -0.15 0.00	23.02 0.02 0.00
GENERAL____MILLS 23808	18.77 0.50 0.00	18.58 0.47 0.00	22.20 0.63 0.00	17.79 0.60 0.00	20.45 0.90 0.00	22.77 1.13 0.00	20.04 0.82 0.00	18.19 0.48 0.00	18.62 0.49 0.00	26.22 0.67 0.00	29.77 0.76 0.00	49.90 0.71 0.00	35.39 0.70 0.00	31.47 0.68 0.00	34.26 0.65 0.00	31.27 0.63 0.00	35.02 0.66 0.00	35.54 0.30 0.00	27.97 0.37 0.00	32.12 0.42 0.00	32.70 0.62 0.00	29.86 0.70 0.00	30.66 0.84 0.00	23.97 0.97 0.00
GE_PLASTICS____DRP 24183	18.57 0.31 0.00	18.43 0.31 0.00	21.92 0.34 0.00	17.45 0.27 0.00	19.80 0.25 0.00	21.97 0.34 0.00	19.56 0.35 0.00	18.14 0.43 0.00	18.59 0.47 0.00	26.26 0.71 0.00	29.86 0.85 0.00	50.77 1.58 0.00	35.74 1.06 0.00	31.75 0.96 0.00	34.68 1.07 0.00	31.62 0.98 0.00	35.42 1.06 0.00	36.42 1.17 0.00	28.60 1.01 0.00	32.76 1.06 0.00	33.08 0.99 0.00	30.03 0.88 0.00	30.68 0.86 0.00	23.45 0.45 0.00
GILBOA____1 23756	18.65 0.39 0.00	18.57 0.45 0.00	22.16 0.59 0.00	17.60 0.41 0.00	19.97 0.42 0.00	22.17 0.53 0.00	19.68 0.46 0.00	18.20 0.49 0.00	18.64 0.51 0.00	26.28 0.73 0.00	29.89 0.87 0.00	50.69 1.51 0.00	35.67 0.98 0.00	31.71 0.92 0.00	34.65 1.04 0.00	31.57 0.93 0.00	35.34 0.98 0.00	36.27 1.02 0.00	28.46 0.87 0.00	32.64 0.94 0.00	33.06 0.98 0.00	30.06 0.91 0.00	30.71 0.89 0.00	23.55 0.56 0.00
GILBOA____2 23757	18.65 0.39 0.00	18.57 0.45 0.00	22.16 0.59 0.00	17.60 0.41 0.00	19.97 0.42 0.00	22.17 0.53 0.00	19.68 0.46 0.00	18.20 0.49 0.00	18.64 0.51 0.00	26.28 0.73 0.00	29.89 0.87 0.00	50.69 1.51 0.00	35.67 0.98 0.00	31.71 0.92 0.00	34.65 1.04 0.00	31.57 0.93 0.00	35.34 0.98 0.00	36.27 1.02 0.00	28.46 0.87 0.00	32.64 0.94 0.00	33.06 0.98 0.00	30.06 0.91 0.00	30.71 0.89 0.00	23.55 0.56 0.00
GILBOA____3 23758	18.65 0.39 0.00	18.57 0.45 0.00	22.16 0.59 0.00	17.60 0.41 0.00	19.97 0.42 0.00	22.17 0.53 0.00	19.68 0.46 0.00	18.20 0.49 0.00	18.64 0.51 0.00	26.28 0.73 0.00	29.89 0.87 0.00	50.69 1.51 0.00	35.67 0.98 0.00	31.71 0.92 0.00	34.65 1.04 0.00	31.57 0.93 0.00	35.34 0.98 0.00	36.27 1.02 0.00	28.46 0.87 0.00	32.64 0.94 0.00	33.06 0.98 0.00	30.06 0.91 0.00	30.71 0.89 0.00	23.55 0.56 0.00
GILBOA____4 23759	18.65 0.39 0.00	18.57 0.45 0.00	22.16 0.59 0.00	17.60 0.41 0.00	19.97 0.42 0.00	22.17 0.53 0.00	19.68 0.46 0.00	18.20 0.49 0.00	18.64 0.51 0.00	26.28 0.73 0.00	29.89 0.87 0.00	50.69 1.51 0.00	35.67 0.98 0.00	31.71 0.92 0.00	34.65 1.04 0.00	31.57 0.93 0.00	35.34 0.98 0.00	36.27 1.02 0.00	28.46 0.87 0.00	32.64 0.94 0.00	33.06 0.98 0.00	30.06 0.91 0.00	30.71 0.89 0.00	23.55 0.56 0.00
GILBOA____ 23599	18.65 0.39 0.00	18.57 0.45 0.00	22.16 0.59 0.00	17.60 0.41 0.00	19.97 0.42 0.00	22.17 0.53 0.00	19.68 0.46 0.00	18.20 0.49 0.00	18.64 0.51 0.00	26.28 0.73 0.00	29.89 0.88 0.00	50.69 1.51 0.00	35.67 0.98 0.00	31.71 0.92 0.00	34.65 1.04 0.00	31.57 0.93 0.00	35.34 0.98 0.00	36.27 1.03 0.00	28.46 0.87 0.00	32.65 0.94 0.00	33.06 0.98 0.00	30.06 0.91 0.00	30.71 0.89 0.00	23.56 0.56 0.00
GINNA____ 23603	17.56 -0.71 0.00	17.41 -0.71 0.00	20.77 -0.80 0.00	16.60 -0.59 0.00	18.99 -0.56 0.00	21.11 -0.53 0.00	18.65 -0.56 0.00	17.07 -0.65 0.00	17.48 -0.64 0.00	24.61 -0.94 0.00	27.96 -1.05 0.00	47.15 -2.03 0.00	33.35 -1.33 0.00	29.62 -1.17 0.00	32.29 -1.31 0.00	29.44 -1.20 0.00	33.04 -1.32 0.00	33.74 -1.50 0.00	26.51 -1.08 0.00	30.34 -1.36 0.00	30.77 -1.32 0.00	27.98 -1.17 0.00	28.68 -1.14 0.00	22.30 -0.69 0.00

GLEN PARK____ 23778	18.46 0.19 0.00	18.18 0.06 0.00	21.75 0.17 0.00	17.28 0.09 0.00	19.70 0.14 0.00	21.84 0.21 0.00	19.48 0.26 0.00	18.01 0.30 0.00	18.48 0.35 0.00	26.07 0.53 0.00	33.88 0.71 -4.16	50.29 1.11 0.00	35.51 0.83 0.00	31.58 0.78 0.00	34.48 0.87 0.00	31.49 0.85 0.00	35.32 0.96 0.00	36.35 1.11 0.00	28.52 0.92 0.00	32.72 1.02 0.00	33.11 1.03 0.00	29.93 0.77 0.00	30.60 0.78 0.00	23.54 0.54 0.00
GLENDALDE_27_KV_LOAD 356172	562.98 0.80 -543.91	32.26 0.83 -13.31	22.62 1.04 0.00	18.00 0.81 0.00	20.37 0.83 0.00	22.60 0.96 0.00	20.28 1.07 0.00	18.82 1.11 0.00	28.34 1.07 -9.14	133.77 1.46 -106.77	33.35 1.76 -2.58	52.15 2.97 0.00	36.77 2.09 0.00	32.76 1.97 0.00	35.83 2.22 0.00	32.55 1.91 0.00	36.49 2.13 0.00	37.56 2.32 0.00	29.50 1.91 0.00	33.67 1.97 0.00	34.12 2.04 0.00	31.01 1.86 0.00	31.66 1.84 0.00	24.23 1.23 0.00
GLENWOOD_IC_1_G5 23712	19.30 1.04 0.00	19.09 0.98 0.00	22.73 1.16 0.00	18.18 0.99 0.00	20.56 1.00 0.00	22.81 1.17 0.00	20.45 1.24 0.00	19.00 1.29 0.00	19.44 1.32 0.00	27.45 1.91 0.00	33.84 2.25 -2.58	52.86 3.67 0.00	37.24 2.56 0.00	33.10 2.30 0.00	36.31 2.70 0.00	32.98 2.34 0.00	39.13 2.76 -2.01	45.86 2.97 -7.65	34.79 2.42 -4.78	34.17 2.47 0.00	34.47 2.39 0.00	31.33 2.17 0.00	32.00 2.18 0.00	24.46 1.46 0.00
GLENWOOD_IC_2_G1 23688	19.25 0.98 0.00	19.04 0.92 0.00	22.67 1.09 0.00	18.13 0.95 0.00	20.51 0.96 0.00	22.76 1.12 0.00	20.40 1.19 0.00	18.94 1.23 0.00	19.39 1.26 0.00	27.37 1.82 0.00	33.75 2.16 -2.59	52.68 3.50 0.00	37.12 2.44 0.00	33.00 2.20 0.00	36.19 2.58 0.00	32.88 2.24 0.00	39.00 2.64 -2.01	45.74 2.85 -7.65	34.69 2.32 -4.78	34.07 2.37 0.00	34.37 2.29 0.00	31.24 2.08 0.00	31.91 2.09 0.00	24.40 1.40 0.00
GLENWOOD_IC_3_G1 23689	19.25 0.98 0.00	19.04 0.92 0.00	22.67 1.09 0.00	18.13 0.95 0.00	20.51 0.96 0.00	22.76 1.12 0.00	20.40 1.19 0.00	18.94 1.23 0.00	19.39 1.26 0.00	27.37 1.82 0.00	33.75 2.16 -2.59	52.68 3.50 0.00	37.12 2.44 0.00	33.00 2.20 0.00	36.19 2.58 0.00	32.88 2.24 0.00	39.00 2.64 -2.01	45.74 2.85 -7.65	34.69 2.32 -4.78	34.07 2.37 0.00	34.37 2.29 0.00	31.24 2.08 0.00	31.91 2.09 0.00	24.40 1.40 0.00
GLENWOOD____4 23550	19.30 1.04 0.00	19.09 0.98 0.00	22.73 1.16 0.00	18.18 0.99 0.00	20.56 1.00 0.00	22.81 1.17 0.00	20.45 1.24 0.00	19.00 1.29 0.00	19.44 1.32 0.00	27.45 1.91 0.00	33.84 2.25 -2.58	52.86 3.67 0.00	37.24 2.56 0.00	33.10 2.30 0.00	36.31 2.70 0.00	32.98 2.34 0.00	39.13 2.76 -2.01	45.86 2.97 -7.65	34.79 2.42 -4.78	34.17 2.47 0.00	34.47 2.39 0.00	31.33 2.17 0.00	32.00 2.18 0.00	24.46 1.46 0.00
GLENWOOD____5 23614	19.30 1.04 0.00	19.09 0.98 0.00	22.73 1.16 0.00	18.18 0.99 0.00	20.56 1.00 0.00	22.81 1.17 0.00	20.45 1.24 0.00	19.00 1.29 0.00	19.44 1.32 0.00	27.45 1.91 0.00	33.84 2.25 -2.58	52.86 3.67 0.00	37.24 2.56 0.00	33.10 2.30 0.00	36.31 2.70 0.00	32.98 2.34 0.00	39.13 2.76 -2.01	45.86 2.97 -7.65	34.79 2.42 -4.78	34.17 2.47 0.00	34.47 2.39 0.00	31.33 2.17 0.00	32.00 2.18 0.00	24.46 1.46 0.00
GLOBAL GREEN_PORT_GT1 23814	19.73 1.46 0.00	19.46 1.34 0.00	23.04 1.46 0.00	18.57 1.38 0.00	20.78 1.23 0.00	22.26 1.35 0.73	20.66 1.45 0.00	19.27 1.56 0.00	19.95 1.83 0.00	28.23 2.68 0.00	34.55 2.96 -2.59	54.18 4.99 0.00	38.16 3.48 0.00	33.77 2.98 0.00	37.20 3.59 0.00	33.91 3.27 0.00	40.70 4.33 -2.01	47.42 4.53 -7.65	35.94 3.57 -4.78	35.47 3.77 0.00	35.41 3.33 0.00	32.18 3.03 0.00	32.81 2.99 0.00	24.82 1.82 0.00
GLOBE____DSASP 323697	18.13 -0.13 0.00	17.97 -0.15 0.00	21.48 -0.09 0.00	17.24 0.05 0.00	19.84 0.29 0.00	22.08 0.44 0.00	19.42 0.21 0.00	17.57 -0.14 0.00	17.99 -0.14 0.00	25.31 -0.24 0.00	28.74 -0.28 0.00	48.09 -1.09 0.00	34.13 -0.56 0.00	30.27 -0.52 0.00	32.95 -0.66 0.00	30.04 -0.60 0.00	33.63 -0.73 0.00	34.05 -1.19 0.00	26.84 -0.76 0.00	30.77 -0.93 0.00	31.37 -0.71 0.00	28.70 -0.45 0.00	29.59 -0.23 0.00	23.20 0.20 0.00
GOETHSLN____LBMP 323567	558.58 0.69 -539.63	31.75 0.69 -12.95	22.42 0.85 0.00	17.86 0.67 0.00	20.22 0.68 0.00	22.46 0.82 0.00	20.14 0.93 0.00	18.65 0.94 0.00	28.18 0.91 -9.14	132.96 1.23 -106.18	32.97 1.59 -2.36	51.94 2.75 0.00	36.60 1.92 0.00	32.59 1.80 0.00	35.66 2.04 0.00	32.38 1.74 0.00	36.32 1.96 0.00	37.37 2.12 0.00	29.32 1.73 0.00	33.49 1.79 0.00	33.90 1.82 0.00	30.83 1.68 0.00	31.47 1.65 0.00	24.07 1.08 0.00
GOLAH____69_KV_TB 1_2 80279	18.72 0.45 0.00	18.55 0.43 0.00	22.13 0.55 0.00	17.71 0.52 0.00	20.32 0.78 0.00	22.61 0.98 0.00	19.98 0.77 0.00	18.17 0.45 0.00	18.59 0.46 0.00	26.12 0.57 0.00	29.68 0.66 0.00	49.99 0.80 0.00	35.32 0.63 0.00	31.40 0.60 0.00	34.17 0.56 0.00	31.14 0.50 0.00	34.89 0.52 0.00	35.55 0.31 0.00	27.97 0.38 0.00	32.06 0.36 0.00	32.57 0.48 0.00	29.64 0.50 0.00	30.51 0.69 0.00	23.81 0.81 0.00
GOODYEAR_LAKE_HYD 323669	18.96 0.69 0.00	18.83 0.71 0.00	22.47 0.89 0.00	17.87 0.68 0.00	20.34 0.80 0.00	22.58 0.94 0.00	20.06 0.84 0.00	18.49 0.78 0.00	18.93 0.81 0.00	26.71 1.17 0.00	30.37 1.37 0.00	51.41 2.23 0.00	36.25 1.57 0.00	32.24 1.45 0.00	35.17 1.56 0.00	32.04 1.40 0.00	35.94 1.58 0.00	36.88 1.64 0.00	28.92 1.32 0.00	33.13 1.43 0.00	33.54 1.46 0.00	30.45 1.30 0.00	31.03 1.21 0.00	23.94 0.94 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.62 0.35 0.00	18.47 0.36 0.00	22.06 0.48 0.00	17.56 0.37 0.00	20.02 0.47 0.00	22.25 0.61 0.00	19.73 0.52 0.00	18.17 0.46 0.00	18.60 0.48 0.00	26.20 0.65 0.00	29.78 0.76 0.00	50.26 1.08 0.00	35.51 0.83 0.00	31.63 0.83 0.00	34.50 0.88 0.00	31.50 0.86 0.00	35.24 0.88 0.00	36.07 0.83 0.00	28.27 0.68 0.00	32.42 0.72 0.00	32.88 0.79 0.00	29.87 0.72 0.00	30.46 0.64 0.00	23.53 0.54 0.00
GOUDEY____7 23579	18.64 0.37 0.00	18.49 0.37 0.00	22.07 0.49 0.00	17.57 0.39 0.00	20.03 0.48 0.00	22.26 0.62 0.00	19.74 0.53 0.00	18.18 0.47 0.00	18.61 0.49 0.00	26.22 0.67 0.00	29.80 0.79 0.00	50.31 1.13 0.00	35.55 0.86 0.00	31.66 0.86 0.00	34.53 0.92 0.00	31.53 0.89 0.00	35.28 0.91 0.00	36.11 0.86 0.00	28.30 0.70 0.00	32.45 0.75 0.00	32.91 0.83 0.00	29.91 0.75 0.00	30.49 0.67 0.00	23.55 0.56 0.00
GOUDEY____8 23580	18.62 0.35 0.00	18.47 0.36 0.00	22.06 0.48 0.00	17.56 0.37 0.00	20.02 0.47 0.00	22.25 0.61 0.00	19.73 0.52 0.00	18.17 0.46 0.00	18.60 0.48 0.00	26.20 0.65 0.00	29.78 0.76 0.00	50.26 1.08 0.00	35.51 0.83 0.00	31.63 0.83 0.00	34.50 0.88 0.00	31.50 0.86 0.00	35.24 0.88 0.00	36.07 0.83 0.00	28.27 0.68 0.00	32.42 0.72 0.00	32.88 0.79 0.00	29.87 0.72 0.00	30.46 0.64 0.00	23.53 0.54 0.00

GOWANUS_GT1_1 24077	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GOWANUS_GT1_2 24078	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GOWANUS_GT1_3 24079	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GOWANUS_GT1_4 24080	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GOWANUS_GT1_5 24084	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GOWANUS_GT1_6 24111	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GOWANUS_GT1_7 24112	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GOWANUS_GT1_8 24113	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0																		

GOWANUS_GT2_8 24121	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
GOWANUS_GT3_1 24122	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
GOWANUS_GT3_2 24123	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
GOWANUS_GT3_3 24124	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
GOWANUS_GT3_4 24125	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
GOWANUS_GT3_5 24126	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
GOWANUS_GT3_6 24127	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
GOWANUS_GT3_7 24128	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
GOWANUS_GT3_8 24129	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
GOWANUS_GT4_1 24130	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GOWANUS_GT4_2 24131	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GOWANUS_GT4_3 24132	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GOWANUS_GT4_4 24133	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GOWANUS_GT4_5 24134	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GOWANUS_GT4_6 24135	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00

GOWANUS_GT4_7 24136	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GOWANUS_GT4_8 24137	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GREENBSH_115KV_TB3 55895	18.49 0.22 0.00	18.33 0.21 0.00	21.78 0.20 0.00	17.38 0.19 0.00	19.71 0.16 0.00	21.88 0.23 0.00	19.48 0.27 0.00	18.08 0.37 0.00	18.54 0.41 0.00	26.19 0.64 0.00	29.78 0.77 0.00	50.67 1.48 0.00	35.67 0.99 0.00	31.68 0.89 0.00	34.60 0.99 0.00	31.56 0.92 0.00	35.35 0.99 0.00	36.36 1.12 0.00	28.56 0.97 0.00	32.71 1.01 0.00	32.99 0.91 0.00	29.97 0.81 0.00	30.59 0.77 0.00	23.34 0.34 0.00
GREENDGE_115KV_TB5 80291	18.71 0.44 0.00	18.54 0.42 0.00	22.14 0.57 0.00	17.65 0.46 0.00	20.17 0.63 0.00	22.45 0.82 0.00	19.89 0.67 0.00	18.21 0.50 0.00	18.68 0.56 0.00	26.25 0.70 0.00	29.87 0.86 0.00	50.01 0.82 0.00	35.51 0.82 0.00	31.75 0.95 0.00	34.60 0.98 0.00	31.65 1.01 0.00	35.35 0.99 0.00	35.95 0.71 0.00	28.24 0.65 0.00	32.39 0.69 0.00	33.00 0.92 0.00	30.05 0.90 0.00	30.63 0.82 0.00	23.71 0.71 0.00
GREENIDGE___3 23582	18.71 0.44 0.00	18.54 0.42 0.00	22.14 0.57 0.00	17.65 0.46 0.00	20.17 0.63 0.00	22.45 0.82 0.00	19.89 0.67 0.00	18.21 0.50 0.00	18.68 0.56 0.00	26.25 0.70 0.00	29.87 0.86 0.00	50.01 0.82 0.00	35.51 0.82 0.00	31.75 0.95 0.00	34.60 0.98 0.00	31.65 1.01 0.00	35.35 0.99 0.00	35.95 0.71 0.00	28.24 0.65 0.00	32.39 0.69 0.00	33.00 0.92 0.00	30.05 0.90 0.00	30.63 0.82 0.00	23.71 0.71 0.00
GREENIDGE___4 23583	18.71 0.44 0.00	18.54 0.42 0.00	22.14 0.57 0.00	17.65 0.46 0.00	20.17 0.63 0.00	22.45 0.82 0.00	19.89 0.67 0.00	18.22 0.50 0.00	18.68 0.56 0.00	26.25 0.70 0.00	29.87 0.86 0.00	50.01 0.82 0.00	35.52 0.83 0.00	31.75 0.95 0.00	34.60 0.98 0.00	31.65 1.01 0.00	35.35 0.99 0.00	35.96 0.71 0.00	28.25 0.65 0.00	32.39 0.69 0.00	33.00 0.92 0.00	30.05 0.90 0.00	30.63 0.81 0.00	23.71 0.71 0.00
GREENLWN_69_KV_BK 3 55738	19.17 0.90 0.00	18.95 0.84 0.00	22.54 0.96 0.00	18.03 0.84 0.00	20.35 0.80 0.00	22.64 0.92 -0.08	20.25 1.03 0.00	18.82 1.10 0.00	19.28 1.16 0.00	27.23 1.69 0.00	33.59 2.00 -2.58	52.53 3.35 0.00	36.99 2.30 0.00	32.85 2.06 0.00	36.08 2.47 0.00	32.79 2.14 0.00	38.98 2.61 -2.01	45.73 2.84 -7.65	34.68 2.30 -4.78	34.03 2.33 0.00	34.28 2.20 0.00	31.15 2.00 0.00	31.82 2.00 0.00	24.26 1.26 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00
GRISSOM___SOLAR 323813	19.33 1.07 0.00	19.06 0.95 0.00	22.71 1.13 0.00	18.07 0.88 0.00	20.58 1.03 0.00	22.79 1.15 0.00	20.30 1.09 0.00	18.82 1.10 0.00	19.31 1.18 0.00	27.41 1.86 0.00	31.19 2.18 0.00	52.77 3.59 0.00	37.19 2.50 0.00	33.16 2.37 0.00	36.24 2.63 0.00	33.13 2.49 0.00	37.20 2.84 0.00	38.32 3.08 0.00	30.07 2.48 0.00	34.48 2.78 0.00	34.77 2.69 0.00	31.39 2.24 0.00	31.93 2.12 0.00	24.57 1.57 0.00
GROVEVILLE___HYD 323602	19.13 0.87 0.00	18.97 0.85 0.00	22.56 0.99 0.00	17.97 0.78 0.00	20.36 0.82 0.00	22.62 0.98 0.00	20.23 1.01 0.00	18.76 1.05 0.00	19.20 1.08 0.00	27.08 1.53 0.00	30.83 1.82 0.00	52.34 3.16 0.00	36.90 2.22 0.00	32.84 2.05 0.00	35.89 2.28 0.00	32.65 2.01 0.00	36.63 2.27 0.00	37.70 2.46 0.00	29.63 2.04 0.00	33.84 2.14 0.00	34.21 2.13 0.00	31.05 1.90 0.00	31.67 1.85 0.00	24.21 1.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.41 0.14 0.00	18.27 0.15 0.00	21.77 0.19 0.00	17.35 0.16 0.00	19.77 0.22 0.00	21.92 0.28 0.00	19.41 0.20 0.00	17.84 0.12 0.00	18.24 0.12 0.00	25.67 0.12 0.00	29.15 0.14 0.00	49.30 0.11 0.00	34.87 0.18 0.00	30.98 0.18 0.00	33.82 0.21 0.00	30.84 0.19 0.00	34.58 0.22 0.00	35.45 0.20 0.00	27.80 0.21 0.00	31.83 0.13 0.00	32.24 0.16 0.00	29.31 0.15 0.00	29.96 0.15 0.00	23.23 0.23 0.00
HAMLTNNY_34_KV_TB 80303	18.48 0.21 0.00	18.36 0.24 0.00	21.86 0.29 0.00	17.44 0.25 0.00	19.88 0.33 0.00	22.04 0.40 0.00	19.53 0.32 0.00	17.94 0.23 0.00	18.35 0.22 0.00	25.83 0.29 0.00	29.32 0.31 0.00	49.57 0.39 0.00	35.11 0.42 0.00	31.17 0.38 0.00	34.05 0.44 0.00	31.03 0.40 0.00	34.83 0.46 0.00	35.69 0.44 0.00	28.01 0.41 0.00	32.04 0.34 0.00	32.45 0.37 0.00	29.52 0.37 0.00	30.13 0.31 0.00	23.37 0.37 0.00
HAMPSHIRE___PAPER_HYD 323593	18.25 -0.02 0.00	18.03 -0.09 0.00	21.51 -0.07 0.00	17.11 -0.08 0.00	19.43 -0.12 0.00	21.33 -0.31 0.00	19.01 -0.21 0.00	17.53 -0.18 0.00	17.95 -0.17 0.00	25.36 -0.19 0.00	39.57 -0.21 -10.77	48.96 -0.22 0.00	34.47 -0.21 0.00	30.57 -0.23 0.00	33.37 -0.25 0.00	30.48 -0.16 0.00	34.25 -0.11 0.00	35.17 -0.07 0.00	27.53 -0.06 0.00	31.66 -0.04 0.00	32.03 -0.05 0.00	29.11 -0.04 0.00	29.90 0.08 0.00	23.02 0.02 0.00
HARDSCRABBLE_WT_PWR 323673	18.47 0.21 0.00	18.30 0.18 0.00	21.83 0.25 0.00	17.38 0.19 0.00	19.76 0.20 0.00	21.95 0.31 0.00	19.52 0.31 0.00	18.16 0.44 0.00	18.62 0.50 0.00	26.34 0.79 0.00	29.93 0.92 0.00	50.82 1.64 0.00	35.73 1.05 0.00	31.78 0.98 0.00	34.66 1.05 0.00	31.67 1.03 0.00	35.45 1.09 0.00	36.50 1.26 0.00	28.63 1.04 0.00	32.64 0.94 0.00	32.75 0.66 0.00	29.72 0.57 0.00	30.10 0.28 0.00	23.15 0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.03 0.77 0.00	18.88 0.76 0.00	22.44 0.87 0.00	17.88 0.69 0.00	20.27 0.72 0.00	22.50 0.86 0.00	20.13 0.92 0.00	18.63 0.92 0.00	19.07 0.94 0.00	26.86 1.31 0.00	30.54 1.53 0.00	51.83 2.65 0.00	36.56 1.88 0.00	32.54 1.75 0.00	35.55 1.94 0.00	32.33 1.69 0.00	36.27 1.91 0.00	37.37 2.12 0.00	29.35 1.76 0.00	33.55 1.85 0.00	33.92 1.84 0.00	30.81 1.66 0.00	31.37 1.55 0.00	24.01 1.02 0.00

HARSNRAD_115KV_TB1 81005	18.48 0.21 0.00	18.30 0.18 0.00	21.87 0.30 0.00	17.54 0.35 0.00	20.20 0.65 0.00	22.48 0.85 0.00	19.76 0.55 0.00	17.88 0.16 0.00	18.28 0.16 0.00	25.74 0.19 0.00	29.22 0.21 0.00	48.94 -0.25 0.00	34.72 0.03 0.00	30.82 0.03 0.00	33.56 -0.05 0.00	30.60 -0.04 0.00	34.27 -0.10 0.00	34.74 -0.51 0.00	27.37 -0.22 0.00	31.39 -0.31 0.00	32.00 -0.09 0.00	29.23 0.08 0.00	30.09 0.27 0.00	23.57 0.58 0.00
HARZA MOOSE__RIVER 24016	18.51 0.25 0.00	18.30 0.18 0.00	21.85 0.27 0.00	17.38 0.19 0.00	19.78 0.23 0.00	21.92 0.28 0.00	19.52 0.31 0.00	18.05 0.34 0.00	18.51 0.38 0.00	26.13 0.58 0.00	32.88 0.71 -3.16	50.41 1.22 0.00	35.54 0.86 0.00	31.59 0.79 0.00	34.45 0.84 0.00	31.45 0.81 0.00	35.31 0.95 0.00	36.29 1.05 0.00	28.44 0.85 0.00	32.62 0.91 0.00	32.99 0.91 0.00	29.88 0.72 0.00	30.52 0.70 0.00	23.47 0.48 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.26 -0.01 0.00	18.11 0.00 0.00	21.59 0.02 0.00	17.20 0.02 0.00	19.60 0.05 0.00	21.74 0.10 0.00	19.23 0.02 0.00	17.66 -0.05 0.00	18.06 -0.06 0.00	25.40 -0.15 0.00	28.84 -0.17 0.00	48.79 -0.40 0.00	34.49 -0.20 0.00	30.66 -0.14 0.00	33.46 -0.15 0.00	30.51 -0.13 0.00	34.20 -0.16 0.00	35.04 -0.20 0.00	27.48 -0.11 0.00	31.50 -0.20 0.00	31.91 -0.17 0.00	28.99 -0.16 0.00	29.67 -0.14 0.00	23.02 0.02 0.00
HELLGATE_13_KV_LD 55870	562.88 0.70 -543.91	32.18 0.75 -13.31	22.52 0.95 0.00	17.92 0.73 0.00	20.28 0.73 0.00	22.50 0.86 0.00	20.19 0.98 0.00	18.74 1.03 0.00	28.24 0.98 -9.14	133.64 1.32 -106.77	33.20 1.61 -2.58	51.90 2.71 0.00	36.60 1.92 0.00	32.60 1.81 0.00	35.66 2.05 0.00	32.39 1.75 0.00	36.32 1.96 0.00	37.36 2.12 0.00	29.35 1.76 0.00	33.48 1.78 0.00	33.94 1.86 0.00	30.85 1.70 0.00	31.50 1.69 0.00	24.11 1.12 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	562.88 0.70 -543.91	32.18 0.75 -13.31	22.52 0.95 0.00	17.92 0.73 0.00	20.28 0.73 0.00	22.50 0.86 0.00	20.19 0.98 0.00	18.74 1.03 0.00	28.24 0.98 -9.14	133.64 1.32 -106.77	33.20 1.61 -2.58	51.90 2.71 0.00	36.60 1.92 0.00	32.60 1.81 0.00	35.66 2.05 0.00	32.39 1.75 0.00	36.32 1.96 0.00	37.36 2.12 0.00	29.35 1.76 0.00	33.48 1.78 0.00	33.94 1.86 0.00	30.85 1.70 0.00	31.50 1.69 0.00	24.11 1.12 0.00
HEMPSTEAD____ 23647	19.22 0.96 0.00	19.02 0.90 0.00	22.63 1.05 0.00	18.10 0.91 0.00	20.46 0.91 0.00	22.70 1.06 0.00	20.35 1.14 0.00	18.90 1.19 0.00	19.35 1.22 0.00	27.32 1.77 0.00	33.68 2.09 -2.59	52.61 3.43 0.00	37.08 2.39 0.00	32.94 2.15 0.00	36.15 2.54 0.00	32.80 2.16 0.00	38.92 2.55 -2.01	45.65 2.75 -7.65	34.63 2.25 -4.78	33.99 2.28 0.00	34.28 2.20 0.00	31.15 2.00 0.00	31.84 2.02 0.00	24.31 1.32 0.00
HEWLETT__69_KV_BK3 55828	19.31 1.05 0.00	19.09 0.98 0.00	22.74 1.17 0.00	18.20 1.01 0.00	20.58 1.03 0.00	22.83 1.19 0.00	20.46 1.25 0.00	18.99 1.28 0.00	19.44 1.31 0.00	27.44 1.89 0.00	33.86 2.27 -2.58	52.86 3.67 0.00	37.23 2.55 0.00	33.10 2.31 0.00	36.31 2.70 0.00	33.00 2.35 0.00	39.15 2.78 -2.01	45.88 2.99 -7.65	34.77 2.39 -4.78	34.17 2.47 0.00	34.49 2.41 0.00	31.37 2.22 0.00	32.07 2.25 0.00	24.51 1.51 0.00
HICKLING__1 23621	18.81 0.54 0.00	18.64 0.52 0.00	22.29 0.71 0.00	17.76 0.57 0.00	20.30 0.75 0.00	22.59 0.95 0.00	20.01 0.80 0.00	18.34 0.63 0.00	18.81 0.68 0.00	26.47 0.92 0.00	30.09 1.08 0.00	50.63 1.45 0.00	35.84 1.16 0.00	32.01 1.21 0.00	34.88 1.27 0.00	31.94 1.29 0.00	35.67 1.31 0.00	36.40 1.16 0.00	28.50 0.91 0.00	32.74 1.04 0.00	33.28 1.20 0.00	30.25 1.10 0.00	30.78 0.96 0.00	23.80 0.80 0.00
HICKLING__2 23622	18.81 0.54 0.00	18.64 0.52 0.00	22.29 0.71 0.00	17.76 0.57 0.00	20.30 0.75 0.00	22.59 0.95 0.00	20.01 0.80 0.00	18.34 0.63 0.00	18.81 0.68 0.00	26.47 0.92 0.00	30.09 1.08 0.00	50.63 1.45 0.00	35.84 1.16 0.00	32.01 1.21 0.00	34.88 1.27 0.00	31.94 1.29 0.00	35.67 1.31 0.00	36.40 1.16 0.00	28.50 0.91 0.00	32.74 1.04 0.00	33.28 1.20 0.00	30.25 1.10 0.00	30.78 0.96 0.00	23.80 0.80 0.00
HIGH FALLS__HY 23754	19.06 0.79 0.00	18.90 0.78 0.00	22.48 0.90 0.00	17.89 0.70 0.00	20.29 0.74 0.00	22.53 0.89 0.00	20.15 0.94 0.00	18.67 0.96 0.00	19.12 0.99 0.00	26.98 1.43 0.00	30.72 1.71 0.00	52.16 2.97 0.00	36.76 2.08 0.00	32.75 1.96 0.00	35.78 2.17 0.00	32.53 1.89 0.00	36.50 2.14 0.00	37.59 2.35 0.00	29.54 1.95 0.00	33.75 2.05 0.00	34.14 2.06 0.00	30.98 1.83 0.00	31.56 1.74 0.00	24.16 1.17 0.00
HILLBURN__GT 23639	18.99 0.72 0.00	18.85 0.73 0.00	22.41 0.83 0.00	17.85 0.67 0.00	20.23 0.68 0.00	22.48 0.84 0.00	20.11 0.89 0.00	18.60 0.89 0.00	19.03 0.91 0.00	26.78 1.23 0.00	30.41 1.40 0.00	51.61 2.42 0.00	36.40 1.71 0.00	32.39 1.60 0.00	35.39 1.78 0.00	32.17 1.53 0.00	36.12 1.76 0.00	37.21 1.97 0.00	29.24 1.64 0.00	33.42 1.72 0.00	33.80 1.72 0.00	30.72 1.57 0.00	31.26 1.44 0.00	23.94 0.94 0.00
HILLSIDE_115KV_TB1 80332	18.53 0.27 0.00	18.37 0.25 0.00	21.96 0.38 0.00	17.49 0.30 0.00	19.98 0.43 0.00	22.24 0.60 0.00	19.71 0.50 0.00	18.12 0.41 0.00	18.55 0.43 0.00	26.13 0.58 0.00	29.71 0.70 0.00	49.93 0.75 0.00	35.34 0.66 0.00	31.55 0.76 0.00	34.39 0.78 0.00	31.48 0.84 0.00	35.14 0.78 0.00	35.88 0.64 0.00	28.09 0.49 0.00	32.24 0.54 0.00	32.76 0.68 0.00	29.79 0.64 0.00	30.30 0.48 0.00	23.43 0.43 0.00
HISHELDN_WT_PWR 323625	18.66 0.39 0.00	18.48 0.36 0.00	22.09 0.51 0.00	17.68 0.49 0.00	20.30 0.76 0.00	22.59 0.96 0.00	19.88 0.67 0.00	18.01 0.29 0.00	18.46 0.34 0.00	25.94 0.39 0.00	29.47 0.46 0.00	49.51 0.33 0.00	35.14 0.46 0.00	31.30 0.51 0.00	34.09 0.48 0.00	31.14 0.50 0.00	34.86 0.50 0.00	35.41 0.17 0.00	27.82 0.23 0.00	32.01 0.31 0.00	32.59 0.51 0.00	29.73 0.58 0.00	30.47 0.65 0.00	23.77 0.78 0.00
HOLTSVILLE_IC_1 23690	19.24 0.97 0.00	19.01 0.89 0.00	22.51 0.93 0.00	18.11 0.93 0.00	20.30 0.75 0.00	21.77 0.86 0.73	20.21 1.00 0.00	18.81 1.10 0.00	19.39 1.26 0.00	27.36 1.81 0.00	33.65 2.06 -2.59	52.56 3.38 0.00	37.05 2.37 0.00	32.81 2.02 0.00	36.11 2.50 0.00	32.86 2.22 0.00	39.39 3.02 -2.01	46.08 3.19 -7.65	34.93 2.55 -4.78	34.32 2.62 0.00	34.37 2.29 0.00	31.30 2.15 0.00	32.01 2.19 0.00	24.24 1.24 0.00
HOLTSVILLE_IC_10 23699	19.28 1.01 0.00	19.04 0.93 0.00	22.55 0.97 0.00	18.15 0.96 0.00	20.32 0.78 0.00	21.83 0.89 0.70	20.24 1.03 0.00	18.84 1.13 0.00	19.43 1.30 0.00	27.41 1.86 0.00	33.73 2.13 -2.59	52.69 3.51 0.00	37.14 2.45 0.00	32.89 2.10 0.00	36.21 2.59 0.00	32.95 2.31 0.00	39.47 3.11 -2.01	46.19 3.29 -7.65	35.01 2.63 -4.78	34.41 2.71 0.00	34.46 2.38 0.00	31.38 2.23 0.00	32.09 2.27 0.00	24.29 1.30 0.00

HOLTSVILLE_IC_2 23691	19.24 0.97 0.00	19.01 0.89 0.00	22.51 0.93 0.00	18.11 0.93 0.00	20.30 0.75 0.00	21.77 0.86 0.73	20.21 1.00 0.00	18.81 1.10 0.00	19.39 1.26 0.00	27.36 1.81 0.00	33.65 2.06 -2.59	52.56 3.38 0.00	37.05 2.37 0.00	32.81 2.02 0.00	36.11 2.50 0.00	32.86 2.22 0.00	39.39 3.02 -2.01	46.08 3.19 -7.65	34.93 2.55 -4.78	34.32 2.62 0.00	34.37 2.29 0.00	31.30 2.15 0.00	32.01 2.19 0.00	24.24 1.24 0.00
HOLTSVILLE_IC_3 23692	19.24 0.97 0.00	19.01 0.89 0.00	22.51 0.93 0.00	18.11 0.93 0.00	20.30 0.75 0.00	21.77 0.86 0.73	20.21 1.00 0.00	18.81 1.10 0.00	19.39 1.26 0.00	27.36 1.81 0.00	33.65 2.06 -2.59	52.56 3.38 0.00	37.05 2.37 0.00	32.81 2.02 0.00	36.11 2.50 0.00	32.86 2.22 0.00	39.39 3.02 -2.01	46.08 3.19 -7.65	34.93 2.55 -4.78	34.32 2.62 0.00	34.37 2.29 0.00	31.30 2.15 0.00	32.01 2.19 0.00	24.24 1.24 0.00
HOLTSVILLE_IC_4 23693	19.24 0.97 0.00	19.01 0.89 0.00	22.51 0.93 0.00	18.11 0.93 0.00	20.30 0.75 0.00	21.77 0.86 0.73	20.21 1.00 0.00	18.81 1.10 0.00	19.39 1.26 0.00	27.36 1.81 0.00	33.65 2.06 -2.59	52.56 3.38 0.00	37.05 2.37 0.00	32.81 2.02 0.00	36.11 2.50 0.00	32.86 2.22 0.00	39.39 3.02 -2.01	46.08 3.19 -7.65	34.93 2.55 -4.78	34.32 2.62 0.00	34.37 2.29 0.00	31.30 2.15 0.00	32.01 2.19 0.00	24.24 1.24 0.00
HOLTSVILLE_IC_5 23694	19.24 0.97 0.00	19.01 0.89 0.00	22.51 0.93 0.00	18.11 0.93 0.00	20.30 0.75 0.00	21.77 0.86 0.73	20.21 1.00 0.00	18.81 1.10 0.00	19.39 1.26 0.00	27.36 1.81 0.00	33.65 2.06 -2.59	52.56 3.38 0.00	37.05 2.37 0.00	32.81 2.02 0.00	36.11 2.50 0.00	32.86 2.22 0.00	39.39 3.02 -2.01	46.08 3.19 -7.65	34.93 2.55 -4.78	34.32 2.62 0.00	34.37 2.29 0.00	31.30 2.15 0.00	32.01 2.19 0.00	24.24 1.24 0.00
HOLTSVILLE_IC_6 23695	19.28 1.01 0.00	19.04 0.93 0.00	22.55 0.97 0.00	18.15 0.96 0.00	20.32 0.78 0.00	21.83 0.89 0.70	20.24 1.03 0.00	18.84 1.13 0.00	19.43 1.30 0.00	27.41 1.86 0.00	33.73 2.13 -2.59	52.69 3.51 0.00	37.14 2.45 0.00	32.89 2.10 0.00	36.21 2.59 0.00	32.95 2.31 0.00	39.47 3.11 -2.01	46.19 3.29 -7.65	35.01 2.63 -4.78	34.41 2.71 0.00	34.46 2.38 0.00	31.38 2.23 0.00	32.09 2.27 0.00	24.29 1.30 0.00
HOLTSVILLE_IC_7 23696	19.28 1.01 0.00	19.04 0.93 0.00	22.55 0.97 0.00	18.15 0.96 0.00	20.32 0.78 0.00	21.83 0.89 0.70	20.24 1.03 0.00	18.84 1.13 0.00	19.43 1.30 0.00	27.41 1.86 0.00	33.73 2.13 -2.59	52.69 3.51 0.00	37.14 2.45 0.00	32.89 2.10 0.00	36.21 2.59 0.00	32.95 2.31 0.00	39.47 3.11 -2.01	46.19 3.29 -7.65	35.01 2.63 -4.78	34.41 2.71 0.00	34.46 2.38 0.00	31.38 2.23 0.00	32.09 2.27 0.00	24.29 1.30 0.00
HOLTSVILLE_IC_8 23697	19.28 1.01 0.00	19.04 0.93 0.00	22.55 0.97 0.00	18.15 0.96 0.00	20.32 0.78 0.00	21.83 0.89 0.70	20.24 1.03 0.00	18.84 1.13 0.00	19.43 1.30 0.00	27.41 1.86 0.00	33.73 2.13 -2.59	52.69 3.51 0.00	37.14 2.45 0.00	32.89 2.10 0.00	36.21 2.59 0.00	32.95 2.31 0.00	39.47 3.11 -2.01	46.19 3.29 -7.65	35.01 2.63 -4.78	34.41 2.71 0.00	34.46 2.38 0.00	31.38 2.23 0.00	32.09 2.27 0.00	24.29 1.30 0.00
HOLTSVILLE_IC_9 23698	19.28 1.01 0.00	19.04 0.93 0.00	22.55 0.97 0.00	18.15 0.96 0.00	20.32 0.78 0.00	21.83 0.89 0.70	20.24 1.03 0.00	18.84 1.13 0.00	19.43 1.30 0.00	27.41 1.86 0.00	33.73 2.13 -2.59	52.69 3.51 0.00	37.14 2.45 0.00	32.89 2.10 0.00	36.21 2.59 0.00	32.95 2.31 0.00	39.47 3.11 -2.01	46.19 3.29 -7.65	35.01 2.63 -4.78	34.41 2.71 0.00	34.46 2.38 0.00	31.38 2.23 0.00	32.09 2.27 0.00	24.29 1.30 0.00
HOMER_HL_115KV_TB2 355744	19.34 1.07 0.00	19.13 1.01 0.00	22.84 1.26 0.00	18.27 1.08 0.00	20.97 1.42 0.00	23.36 1.72 0.00	20.65 1.44 0.00	18.86 1.15 0.00	19.36 1.23 0.00	27.21 1.66 0.00	30.87 1.87 0.00	51.88 2.70 0.00	36.69 2.01 0.00	32.65 1.85 0.00	35.52 1.91 0.00	32.38 1.74 0.00	36.16 1.80 0.00	36.75 1.51 0.00	28.89 1.30 0.00	33.27 1.57 0.00	33.84 1.76 0.00	30.84 1.69 0.00	31.51 1.69 0.00	24.58 1.58 0.00
HOWARD_WT_PWR 323690	18.99 0.73 0.00	18.83 0.71 0.00	22.52 0.95 0.00	17.95 0.76 0.00	20.53 0.98 0.00	22.81 1.18 0.00	20.16 0.95 0.00	18.32 0.61 0.00	18.82 0.70 0.00	26.37 0.82 0.00	29.79 0.78 0.00	50.56 1.37 0.00	35.88 1.20 0.00	32.05 1.26 0.00	34.98 1.37 0.00	32.00 1.36 0.00	35.79 1.43 0.00	36.43 1.19 0.00	28.62 1.03 0.00	32.94 1.24 0.00	33.55 1.47 0.00	30.51 1.36 0.00	31.14 1.32 0.00	24.06 1.06 0.00
HQ_GEN_CEDARS 23644	18.34 0.07 0.00	18.17 0.05 0.00	21.63 0.05 0.00	17.23 0.04 0.00	19.60 0.05 0.00	21.51 -0.13 0.00	19.13 -0.08 0.00	17.61 -0.10 0.00	18.01 -0.12 0.00	25.43 -0.12 0.00	32.48 -0.37 -3.85	48.96 -0.22 0.00	34.51 -0.17 0.00	30.54 -0.25 0.00	33.34 -0.27 0.00	30.43 -0.21 0.00	34.19 -0.17 0.00	35.00 -0.24 0.00	27.34 -0.26 0.00	31.53 -0.17 0.00	31.93 -0.15 0.00	29.05 -0.10 0.00	29.78 -0.04 0.00	22.94 -0.06 0.00
HQ_GEN_CEDARS_PROXY 323590	18.34 0.07 0.00	18.17 0.05 0.00	21.63 0.05 0.00	17.23 0.04 0.00	19.60 0.05 0.00	21.51 -0.13 0.00	19.13 -0.08 0.00	17.61 -0.10 0.00	18.01 -0.12 0.00	25.43 -0.11 0.00	32.49 -0.37 -3.85	48.96 -0.22 0.00	34.51 -0.17 0.00	30.54 -0.26 0.00	33.34 -0.27 0.00	30.43 -0.21 0.00	34.19 -0.17 0.00	35.00 -0.24 0.00	27.34 -0.26 0.00	31.53 -0.17 0.00	31.93 -0.15 0.00	29.05 -0.10 0.00	29.78 -0.04 0.00	22.94 -0.06 0.00
HQ_GEN_IMPORT 323601	18.22 -0.05 0.00	18.06 -0.05 0.00	21.50 -0.08 0.00	17.13 -0.06 0.00	19.49 -0.06 0.00	21.51 -0.13 0.00	19.12 -0.10 0.00	17.61 -0.10 0.00	18.02 -0.11 0.00	25.42 -0.13 0.00	28.85 -0.16 0.00	48.94 -0.24 0.00	34.50 -0.18 0.00	30.58 -0.21 0.00	33.38 -0.23 0.00	30.43 -0.21 0.00	34.17 -0.19 0.00	35.00 -0.24 0.00	27.32 -0.27 0.00	31.78 -0.19 -0.26	31.90 -0.18 0.00	29.00 -0.15 0.00	29.66 -0.15 0.00	22.85 -0.14 0.00
HQ_GEN_WHEEL 23651	18.22 -0.05 0.00	18.06 -0.05 0.00	21.50 -0.08 0.00	17.13 -0.06 0.00	19.49 -0.06 0.00	21.51 -0.13 0.00	19.12 -0.10 0.00	17.61 -0.10 0.00	18.02 -0.11 0.00	25.42 -0.13 0.00	28.85 -0.16 0.00	48.94 -0.24 0.00	34.50 -0.18 0.00	30.58 -0.21 0.00	33.38 -0.23 0.00	30.43 -0.21 0.00	34.17 -0.19 0.00	35.00 -0.24 0.00	27.32 -0.27 0.00	31.78 -0.19 -0.26	31.90 -0.18 0.00	29.00 -0.15 0.00	29.66 -0.15 0.00	22.85 -0.14 0.00
HUDSON_AVE_GT_3 23810	558.73 0.84 -539.63	31.89 0.83 -12.95	22.58 1.00 0.00	17.99 0.80 0.00	20.36 0.82 0.00	22.61 0.97 0.00	20.26 1.05 0.00	18.79 1.08 0.00	28.32 1.06 -9.14	133.77 1.46 -106.77	33.37 1.77 -2.58	52.25 3.06 0.00	36.81 2.13 0.00	32.78 1.99 0.00	35.86 2.25 0.00	32.57 1.93 0.00	36.55 2.19 0.00	37.59 2.35 0.00	29.48 1.89 0.00	33.68 1.98 0.00	34.08 2.00 0.00	30.99 1.84 0.00	31.65 1.83 0.00	24.20 1.21 0.00

HUDSON AVE_GT_4 23540	558.73 0.84 -539.63	31.89 0.83 -12.95	22.58 1.00 0.00	17.99 0.80 0.00	20.36 0.82 0.00	22.61 0.97 0.00	20.26 1.05 0.00	18.79 1.08 0.00	28.32 1.06 -9.14	133.77 1.46 -106.77	33.37 1.77 -2.58	52.25 3.06 0.00	36.81 2.13 0.00	32.78 1.99 0.00	35.86 2.25 0.00	32.57 1.93 0.00	36.55 2.19 0.00	37.59 2.35 0.00	29.48 1.89 0.00	33.68 1.98 0.00	34.08 2.00 0.00	30.99 1.84 0.00	31.65 1.83 0.00	24.20 1.21 0.00
HUDSON AVE_GT_5 23657	558.73 0.84 -539.63	31.89 0.83 -12.95	22.58 1.00 0.00	17.99 0.80 0.00	20.36 0.82 0.00	22.61 0.97 0.00	20.26 1.05 0.00	18.79 1.08 0.00	28.32 1.06 -9.14	133.77 1.46 -106.77	33.37 1.77 -2.58	52.25 3.06 0.00	36.81 2.13 0.00	32.78 1.99 0.00	35.86 2.25 0.00	32.57 1.93 0.00	36.55 2.19 0.00	37.59 2.35 0.00	29.48 1.89 0.00	33.68 1.98 0.00	34.08 2.00 0.00	30.99 1.84 0.00	31.65 1.83 0.00	24.20 1.21 0.00
HUDSON_AVE_10 24168	558.69 0.79 -539.63	31.86 0.79 -12.95	22.50 0.93 0.00	17.93 0.74 0.00	20.28 0.74 0.00	22.52 0.89 0.00	20.19 0.98 0.00	18.73 1.01 0.00	28.25 0.99 -9.14	133.66 1.34 -106.77	33.22 1.62 -2.58	52.10 2.91 0.00	36.71 2.03 0.00	32.68 1.89 0.00	35.76 2.14 0.00	32.47 1.83 0.00	36.42 2.06 0.00	37.46 2.22 0.00	29.40 1.80 0.00	33.58 1.88 0.00	33.99 1.90 0.00	30.90 1.75 0.00	31.55 1.73 0.00	24.13 1.13 0.00
HUDSON___115KV_TB 4 355613	18.75 0.48 0.00	18.58 0.46 0.00	22.08 0.50 0.00	17.60 0.41 0.00	19.97 0.42 0.00	22.18 0.54 0.00	19.76 0.54 0.00	18.35 0.64 0.00	18.86 0.73 0.00	26.67 1.12 0.00	30.37 1.36 0.00	51.64 2.46 0.00	36.38 1.69 0.00	32.31 1.51 0.00	35.28 1.67 0.00	32.19 1.55 0.00	36.10 1.74 0.00	37.16 1.92 0.00	29.19 1.60 0.00	33.42 1.72 0.00	33.68 1.59 0.00	30.53 1.37 0.00	31.11 1.29 0.00	23.72 0.72 0.00
HUNTER MOUNT___DRP 323613	18.89 0.62 0.00	18.72 0.60 0.00	22.23 0.66 0.00	17.71 0.52 0.00	20.11 0.56 0.00	22.33 0.68 0.00	19.89 0.67 0.00	18.49 0.78 0.00	19.02 0.90 0.00	26.93 1.38 0.00	30.67 1.66 0.00	52.14 2.96 0.00	36.74 2.05 0.00	32.61 1.82 0.00	35.61 2.00 0.00	32.53 1.89 0.00	36.46 2.09 0.00	37.55 2.30 0.00	29.51 1.91 0.00	33.76 2.07 0.00	34.01 1.93 0.00	30.79 1.64 0.00	31.37 1.56 0.00	23.90 0.90 0.00
HUNTINGTON_RES_REC 323705	19.19 0.92 0.00	18.96 0.84 0.00	22.51 0.94 0.00	18.04 0.85 0.00	20.30 0.76 0.00	21.24 0.88 1.27	20.21 1.00 0.00	18.80 1.09 0.00	19.32 1.19 0.00	27.28 1.73 0.00	33.63 2.04 -2.59	52.59 3.40 0.00	37.04 2.36 0.00	32.86 2.07 0.00	36.12 2.50 0.00	32.84 2.20 0.00	39.14 2.77 -2.01	45.90 3.01 -7.65	34.80 2.43 -4.78	34.17 2.47 0.00	34.35 2.27 0.00	31.23 2.08 0.00	31.90 2.08 0.00	24.25 1.26 0.00
HUNTLEY___63 23557	18.61 0.34 0.00	18.42 0.30 0.00	22.02 0.44 0.00	17.66 0.47 0.00	20.32 0.77 0.00	22.62 0.99 0.00	19.90 0.69 0.00	18.02 0.30 0.00	18.44 0.32 0.00	25.98 0.43 0.00	29.50 0.49 0.00	49.40 0.21 0.00	35.05 0.37 0.00	31.12 0.33 0.00	33.87 0.26 0.00	30.90 0.26 0.00	34.60 0.24 0.00	35.09 -0.15 0.00	27.65 0.05 0.00	31.70 0.00 0.00	32.31 0.23 0.00	29.51 0.35 0.00	30.35 0.53 0.00	23.77 0.77 0.00
HUNTLEY___64 23558	18.61 0.34 0.00	18.42 0.30 0.00	22.02 0.44 0.00	17.66 0.47 0.00	20.32 0.77 0.00	22.62 0.99 0.00	19.90 0.69 0.00	18.02 0.30 0.00	18.44 0.32 0.00	25.98 0.43 0.00	29.50 0.49 0.00	49.40 0.21 0.00	35.05 0.37 0.00	31.12 0.33 0.00	33.87 0.26 0.00	30.90 0.26 0.00	34.60 0.24 0.00	35.09 -0.15 0.00	27.65 0.05 0.00	31.70 0.00 0.00	32.31 0.23 0.00	29.51 0.35 0.00	30.35 0.53 0.00	23.77 0.77 0.00
HUNTLEY___65 23559	18.61 0.34 0.00	18.42 0.30 0.00	22.02 0.44 0.00	17.66 0.47 0.00	20.32 0.77 0.00	22.62 0.99 0.00	19.90 0.69 0.00	18.02 0.30 0.00	18.44 0.32 0.00	25.98 0.43 0.00	29.50 0.49 0.00	49.40 0.21 0.00	35.05 0.37 0.00	31.12 0.33 0.00	33.87 0.26 0.00	30.90 0.26 0.00	34.60 0.24 0.00	35.09 -0.15 0.00	27.65 0.05 0.00	31.70 0.00 0.00	32.31 0.23 0.00	29.51 0.35 0.00	30.35 0.53 0.00	23.77 0.77 0.00
HUNTLEY___66 23560	18.61 0.34 0.00	18.42 0.30 0.00	22.02 0.44 0.00	17.66 0.47 0.00	20.32 0.77 0.00	22.62 0.99 0.00	19.90 0.69 0.00	18.02 0.30 0.00	18.44 0.32 0.00	25.98 0.43 0.00	29.50 0.49 0.00	49.40 0.21 0.00	35.05 0.37 0.00	31.12 0.33 0.00	33.87 0.26 0.00	30.90 0.26 0.00	34.60 0.24 0.00	35.09 -0.15 0.00	27.65 0.05 0.00	31.70 0.00 0.00	32.31 0.23 0.00	29.51 0.35 0.00	30.35 0.53 0.00	23.77 0.77 0.00
HUNTLEY___67 23561	18.51 0.24 0.00	18.33 0.21 0.00	21.91 0.33 0.00	17.56 0.38 0.00	20.20 0.65 0.00	22.49 0.85 0.00	19.78 0.57 0.00	17.94 0.23 0.00	18.37 0.24 0.00	25.85 0.30 0.00	29.33 0.32 0.00	49.16 -0.02 0.00	34.86 0.17 0.00	30.96 0.16 0.00	33.70 0.09 0.00	30.74 0.10 0.00	34.43 0.06 0.00	34.92 -0.33 0.00	27.49 -0.10 0.00	31.55 -0.15 0.00	32.14 0.05 0.00	29.37 0.21 0.00	30.20 0.38 0.00	23.64 0.65 0.00
HUNTLEY___68 23562	18.51 0.24 0.00	18.33 0.21 0.00	21.91 0.33 0.00	17.56 0.38 0.00	20.20 0.65 0.00	22.49 0.85 0.00	19.78 0.57 0.00	17.94 0.23 0.00	18.37 0.24 0.00	25.85 0.30 0.00	29.33 0.32 0.00	49.16 -0.02 0.00	34.86 0.17 0.00	30.96 0.16 0.00	33.70 0.09 0.00	30.74 0.10 0.00	34.43 0.06 0.00	34.92 -0.33 0.00	27.49 -0.10 0.00	31.55 -0.15 0.00	32.14 0.05 0.00	29.37 0.21 0.00	30.20 0.38 0.00	23.64 0.65 0.00
HYLAND___LFGE 323620	19.29 1.02 0.00	19.07 0.95 0.00	22.77 1.19 0.00	18.18 0.99 0.00	20.83 1.28 0.00	23.19 1.56 0.00	20.50 1.29 0.00	18.73 1.02 0.00	19.28 1.15 0.00	27.06 1.51 0.00	30.67 1.66 0.00	51.72 2.53 0.00	36.34 1.65 0.00	32.40 1.61 0.00	35.41 1.80 0.00	32.36 1.72 0.00	36.38 2.02 0.00	37.24 2.00 0.00	29.39 1.80 0.00	33.77 2.08 0.00	34.29 2.21 0.00	31.11 1.96 0.00	31.74 1.93 0.00	24.57 1.58 0.00
INDECK___CORINTH 23802	19.01 0.74 0.00	18.85 0.73 0.00	22.32 0.75 0.00	17.79 0.61 0.00	20.21 0.66 0.00	22.49 0.85 0.00	20.00 0.78 0.00	18.64 0.93 0.00	19.21 1.09 0.00	27.30 1.75 0.00	31.07 2.06 0.00	52.63 3.45 0.00	37.00 2.31 0.00	32.84 2.05 0.00	35.85 2.24 0.00	32.75 2.11 0.00	36.69 2.33 0.00	37.71 2.47 0.00	29.66 2.07 0.00	33.96 2.26 0.00	34.22 2.13 0.00	30.96 1.81 0.00	31.63 1.82 0.00	24.14 1.15 0.00
INDECK___ILION 23567	18.41 0.14 0.00	18.25 0.13 0.00	21.74 0.16 0.00	17.31 0.12 0.00	19.67 0.12 0.00	21.83 0.19 0.00	19.41 0.20 0.00	17.98 0.27 0.00	18.44 0.31 0.00	26.04 0.49 0.00	29.58 0.57 0.00	50.20 1.02 0.00	35.37 0.68 0.00	31.43 0.63 0.00	34.31 0.70 0.00	31.30 0.66 0.00	35.08 0.72 0.00	36.08 0.83 0.00	28.30 0.71 0.00	32.40 0.70 0.00	32.67 0.59 0.00	29.64 0.49 0.00	30.19 0.37 0.00	23.22 0.22 0.00

INDECK___OLEAN 23982	19.34 1.07 0.00	19.13 1.01 0.00	22.84 1.26 0.00	18.27 1.09 0.00	20.97 1.42 0.00	23.36 1.72 0.00	20.65 1.44 0.00	18.87 1.16 0.00	19.37 1.24 0.00	27.22 1.67 0.00	30.88 1.86 0.00	51.88 2.70 0.00	36.70 2.01 0.00	32.64 1.85 0.00	35.52 1.91 0.00	32.38 1.74 0.00	36.16 1.80 0.00	36.75 1.50 0.00	28.89 1.30 0.00	33.26 1.56 0.00	33.84 1.76 0.00	30.84 1.69 0.00	31.51 1.69 0.00	24.58 1.58 0.00
INDECK___OSWEGO 23783	17.93 -0.33 0.00	17.78 -0.34 0.00	21.20 -0.38 0.00	16.88 -0.30 0.00	19.22 -0.32 0.00	21.31 -0.33 0.00	18.83 -0.37 0.00	17.31 -0.40 0.00	17.70 -0.42 0.00	24.89 -0.66 0.00	28.26 -0.75 0.00	47.81 -1.38 0.00	33.76 -0.92 0.00	29.98 -0.82 0.00	32.56 -1.05 0.00	29.59 -1.05 0.00	33.16 -1.20 0.00	33.98 -1.27 0.00	26.62 -0.97 0.00	30.58 -1.12 0.00	30.97 -1.11 0.00	28.29 -0.87 0.00	29.10 -0.72 0.00	22.60 -0.39 0.00
INDECK___YERKES 23781	18.62 0.36 0.00	18.44 0.32 0.00	22.03 0.46 0.00	17.67 0.48 0.00	20.34 0.79 0.00	22.65 1.01 0.00	19.92 0.71 0.00	18.04 0.33 0.00	18.47 0.34 0.00	26.01 0.46 0.00	29.53 0.52 0.00	49.44 0.26 0.00	35.09 0.40 0.00	31.15 0.36 0.00	33.90 0.29 0.00	30.93 0.29 0.00	34.63 0.27 0.00	35.11 -0.13 0.00	27.68 0.08 0.00	31.73 0.03 0.00	32.32 0.24 0.00	29.53 0.38 0.00	30.38 0.56 0.00	23.79 0.79 0.00
INDIAN POINT_GT_1 24139	18.98 0.71 0.00	18.82 0.71 0.00	22.40 0.82 0.00	17.85 0.66 0.00	20.22 0.67 0.00	22.45 0.81 0.00	20.09 0.88 0.00	18.62 0.91 0.00	19.04 0.91 0.00	26.80 1.26 0.00	30.50 1.49 0.00	51.76 2.58 0.00	36.49 1.80 0.00	32.48 1.68 0.00	35.51 1.89 0.00	32.27 1.63 0.00	36.22 1.86 0.00	37.28 2.04 0.00	29.28 1.69 0.00	33.45 1.75 0.00	33.83 1.74 0.00	30.74 1.58 0.00	31.35 1.54 0.00	23.99 0.99 0.00
INDIAN POINT_GT_2 23659	18.98 0.71 0.00	18.82 0.71 0.00	22.40 0.82 0.00	17.85 0.66 0.00	20.22 0.67 0.00	22.45 0.81 0.00	20.09 0.88 0.00	18.62 0.91 0.00	19.04 0.91 0.00	26.80 1.26 0.00	30.50 1.49 0.00	51.76 2.58 0.00	36.49 1.80 0.00	32.48 1.68 0.00	35.51 1.89 0.00	32.27 1.63 0.00	36.22 1.86 0.00	37.28 2.04 0.00	29.28 1.69 0.00	33.45 1.75 0.00	33.83 1.74 0.00	30.74 1.58 0.00	31.35 1.54 0.00	23.99 0.99 0.00
INDIAN POINT_GT_3 24019	18.98 0.71 0.00	18.82 0.71 0.00	22.40 0.82 0.00	17.85 0.66 0.00	20.22 0.67 0.00	22.45 0.81 0.00	20.09 0.88 0.00	18.62 0.91 0.00	19.04 0.91 0.00	26.80 1.26 0.00	30.50 1.49 0.00	51.76 2.58 0.00	36.49 1.80 0.00	32.48 1.68 0.00	35.51 1.89 0.00	32.27 1.63 0.00	36.22 1.86 0.00	37.28 2.04 0.00	29.28 1.69 0.00	33.45 1.75 0.00	33.83 1.74 0.00	30.74 1.58 0.00	31.35 1.54 0.00	23.99 0.99 0.00
INDIAN POINT___2 23530	18.96 0.70 0.00	18.81 0.70 0.00	22.38 0.81 0.00	17.84 0.65 0.00	20.21 0.66 0.00	22.44 0.80 0.00	20.08 0.87 0.00	18.60 0.88 0.00	19.02 0.89 0.00	26.77 1.22 0.00	30.43 1.42 0.00	51.63 2.45 0.00	36.40 1.72 0.00	32.40 1.61 0.00	35.41 1.81 0.00	32.19 1.55 0.00	36.13 1.77 0.00	37.19 1.95 0.00	29.22 1.63 0.00	33.39 1.69 0.00	33.77 1.69 0.00	30.69 1.54 0.00	31.29 1.47 0.00	23.95 0.95 0.00
INDIAN POINT___3 23531	19.00 0.73 0.00	18.84 0.72 0.00	22.42 0.85 0.00	17.87 0.68 0.00	20.24 0.69 0.00	22.46 0.82 0.00	20.11 0.90 0.00	18.65 0.94 0.00	19.06 0.94 0.00	26.85 1.31 0.00	30.58 1.57 0.00	51.89 2.71 0.00	36.56 1.88 0.00	32.54 1.74 0.00	35.59 1.97 0.00	32.36 1.71 0.00	36.29 1.93 0.00	37.34 2.10 0.00	29.33 1.74 0.00	33.50 1.80 0.00	33.88 1.80 0.00	30.78 1.63 0.00	31.43 1.61 0.00	24.04 1.04 0.00
INGHAM_C_115KV_TB7 356103	18.51 0.24 0.00	18.34 0.22 0.00	21.85 0.27 0.00	17.39 0.20 0.00	19.75 0.20 0.00	21.96 0.32 0.00	19.56 0.35 0.00	18.21 0.50 0.00	18.72 0.59 0.00	26.49 0.94 0.00	30.11 1.10 0.00	51.15 1.97 0.00	35.98 1.30 0.00	31.99 1.19 0.00	34.91 1.29 0.00	31.91 1.27 0.00	35.72 1.36 0.00	36.83 1.59 0.00	28.93 1.34 0.00	33.00 1.30 0.00	33.15 1.06 0.00	30.05 0.90 0.00	30.47 0.65 0.00	23.35 0.35 0.00
IP CORINTH___1 23988	19.01 0.74 0.00	18.85 0.73 0.00	22.32 0.75 0.00	17.79 0.61 0.00	20.21 0.66 0.00	22.49 0.85 0.00	20.00 0.78 0.00	18.64 0.93 0.00	19.21 1.09 0.00	27.30 1.75 0.00	31.07 2.06 0.00	52.63 3.45 0.00	37.00 2.32 0.00	32.84 2.05 0.00	35.85 2.24 0.00	32.76 2.11 0.00	36.69 2.33 0.00	37.71 2.47 0.00	29.66 2.07 0.00	33.97 2.27 0.00	34.22 2.13 0.00	30.96 1.81 0.00	31.64 1.82 0.00	24.14 1.15 0.00
IP___TICONDEROGA 23804	20.01 1.74 0.00	19.91 1.79 0.00	23.35 1.78 0.00	18.64 1.46 0.00	21.18 1.64 0.00	23.61 1.97 0.00	20.96 1.75 0.00	19.77 2.06 0.00	20.42 2.30 0.00	29.05 3.50 0.00	33.06 4.05 0.00	56.03 6.84 0.00	39.39 4.71 0.00	34.82 4.03 0.00	37.91 4.30 0.00	34.73 4.08 0.00	38.86 4.50 0.00	39.86 4.62 0.00	31.43 3.84 0.00	36.11 4.41 0.00	36.33 4.24 0.00	32.77 3.62 0.00	33.62 3.80 0.00	25.51 2.51 0.00
ISLIP_RES_REC 323679	19.36 1.10 0.00	19.12 1.00 0.00	22.64 1.06 0.00	18.21 1.02 0.00	20.38 0.84 0.00	21.97 0.95 0.62	20.29 1.08 0.00	18.90 1.18 0.00	19.48 1.36 0.00	27.49 1.94 0.00	33.83 2.23 -2.59	52.86 3.67 0.00	37.28 2.59 0.00	33.01 2.22 0.00	36.34 2.73 0.00	33.07 2.43 0.00	39.60 3.23 -2.01	46.33 3.44 -7.65	35.13 2.75 -4.78	34.55 2.85 0.00	34.59 2.51 0.00	31.50 2.34 0.00	32.19 2.37 0.00	24.37 1.37 0.00
JAMAICA___27_KV_LOAD 355505	558.85 0.96 -539.63	32.05 0.99 -12.95	22.67 1.10 0.00	18.04 0.85 0.00	20.43 0.88 0.00	22.69 1.05 0.00	20.34 1.12 0.00	18.85 1.13 0.00	28.37 1.11 -9.14	133.80 1.48 -106.77	33.34 1.74 -2.58	52.56 3.37 0.00	37.05 2.37 0.00	32.99 2.19 0.00	36.06 2.45 0.00	32.76 2.11 0.00	36.72 2.36 0.00	37.77 2.53 0.00	29.67 2.08 0.00	33.90 2.20 0.00	34.31 2.23 0.00	31.17 2.02 0.00	31.82 2.00 0.00	24.33 1.33 0.00
JANIS___SOLAR 323808	19.22 0.95 0.00	19.05 0.94 0.00	22.72 1.14 0.00	18.09 0.90 0.00	20.64 1.09 0.00	22.92 1.29 0.00	20.36 1.14 0.00	18.77 1.05 0.00	19.28 1.16 0.00	27.22 1.67 0.00	30.93 1.92 0.00	52.27 3.08 0.00	36.94 2.26 0.00	32.79 2.00 0.00	35.73 2.12 0.00	32.65 2.00 0.00	36.68 2.31 0.00	37.66 2.42 0.00	29.56 1.97 0.00	33.81 2.11 0.00	34.25 2.17 0.00	31.04 1.88 0.00	31.55 1.73 0.00	24.35 1.35 0.00
JARVIS____ 23743	18.30 0.03 0.00	18.14 0.02 0.00	21.62 0.04 0.00	17.21 0.02 0.00	19.57 0.02 0.00	21.69 0.05 0.00	19.26 0.05 0.00	17.78 0.07 0.00	18.20 0.07 0.00	25.65 0.10 0.00	29.13 0.13 0.00	49.43 0.24 0.00	34.83 0.15 0.00	30.95 0.15 0.00	33.78 0.17 0.00	30.80 0.15 0.00	34.53 0.17 0.00	35.45 0.21 0.00	27.76 0.17 0.00	31.86 0.16 0.00	32.22 0.13 0.00	29.27 0.12 0.00	29.91 0.09 0.00	23.06 0.06 0.00

JENNISON___1 23625	19.24 0.97 0.00	19.07 0.96 0.00	22.75 1.17 0.00	18.10 0.92 0.00	20.64 1.09 0.00	22.94 1.30 0.00	20.38 1.17 0.00	18.82 1.10 0.00	19.34 1.21 0.00	27.32 1.77 0.00	31.09 2.08 0.00	52.51 3.32 0.00	37.09 2.41 0.00	32.96 2.16 0.00	35.91 2.29 0.00	32.79 2.15 0.00	36.81 2.45 0.00	37.77 2.53 0.00	29.63 2.04 0.00	33.90 2.20 0.00	34.34 2.25 0.00	31.11 1.96 0.00	31.62 1.81 0.00	24.37 1.38 0.00
JENNISON___2 23626	19.24 0.97 0.00	19.07 0.96 0.00	22.75 1.17 0.00	18.10 0.92 0.00	20.64 1.09 0.00	22.94 1.30 0.00	20.38 1.17 0.00	18.82 1.10 0.00	19.34 1.21 0.00	27.32 1.77 0.00	31.09 2.08 0.00	52.51 3.32 0.00	37.09 2.41 0.00	32.96 2.16 0.00	35.91 2.29 0.00	32.79 2.15 0.00	36.81 2.45 0.00	37.77 2.53 0.00	29.63 2.04 0.00	33.90 2.20 0.00	34.34 2.25 0.00	31.11 1.96 0.00	31.62 1.81 0.00	24.37 1.38 0.00
JERICHO_RISE_WT_PWR 323719	18.65 0.38 0.00	18.55 0.43 0.00	22.01 0.43 0.00	17.56 0.38 0.00	20.03 0.48 0.00	22.09 0.45 0.00	19.62 0.41 0.00	18.12 0.40 0.00	18.56 0.44 0.00	26.24 0.69 0.00	108.87 0.99 -78.86	50.41 1.22 0.00	35.47 0.78 0.00	31.38 0.58 0.00	34.23 0.62 0.00	31.29 0.64 0.00	35.13 0.77 0.00	36.00 0.76 0.00	28.13 0.53 0.00	32.41 0.71 0.00	32.75 0.66 0.00	29.67 0.52 0.00	30.21 0.39 0.00	23.18 0.18 0.00
KATONAH___115KV_46KV_TB4 355592	19.09 0.82 0.00	18.92 0.80 0.00	22.51 0.94 0.00	17.95 0.75 0.00	20.32 0.78 0.00	22.57 0.93 0.00	20.19 0.98 0.00	18.73 1.02 0.00	19.16 1.03 0.00	27.01 1.46 0.00	30.76 1.75 0.00	52.22 3.03 0.00	36.81 2.13 0.00	32.77 1.98 0.00	35.82 2.20 0.00	32.57 1.93 0.00	36.54 2.18 0.00	37.61 2.37 0.00	29.55 1.96 0.00	33.75 2.05 0.00	34.12 2.04 0.00	30.98 1.83 0.00	31.61 1.80 0.00	24.17 1.18 0.00
KCE_NY_1 323755	19.02 0.75 0.00	18.87 0.75 0.00	22.38 0.80 0.00	17.85 0.67 0.00	20.26 0.71 0.00	22.53 0.89 0.00	20.04 0.83 0.00	18.62 0.91 0.00	19.14 1.02 0.00	27.13 1.58 0.00	30.82 1.81 0.00	52.33 3.15 0.00	36.83 2.15 0.00	32.69 1.89 0.00	35.73 2.12 0.00	32.60 1.96 0.00	36.51 2.14 0.00	37.56 2.32 0.00	29.46 1.87 0.00	33.75 2.05 0.00	34.00 1.92 0.00	30.85 1.70 0.00	31.53 1.71 0.00	24.11 1.12 0.00
KCE_NY_6_ESR 323823	18.78 0.52 0.00	18.59 0.48 0.00	22.22 0.64 0.00	17.80 0.61 0.00	20.47 0.92 0.00	22.79 1.15 0.00	20.05 0.84 0.00	18.22 0.51 0.00	18.64 0.52 0.00	26.24 0.69 0.00	29.77 0.76 0.00	49.90 0.71 0.00	35.40 0.71 0.00	31.49 0.69 0.00	34.28 0.67 0.00	31.28 0.64 0.00	35.03 0.67 0.00	35.56 0.31 0.00	27.98 0.39 0.00	32.14 0.44 0.00	32.73 0.64 0.00	29.87 0.72 0.00	30.68 0.86 0.00	23.99 0.99 0.00
KEDC_PORT_JEFF_GT2 24210	19.13 0.86 0.00	18.91 0.79 0.00	22.40 0.82 0.00	18.02 0.83 0.00	20.19 0.64 0.00	21.62 0.75 0.77	20.11 0.90 0.00	18.73 1.02 0.00	19.31 1.19 0.00	27.24 1.69 0.00	33.57 1.97 -2.59	52.40 3.21 0.00	36.90 2.22 0.00	32.68 1.89 0.00	35.95 2.34 0.00	32.70 2.06 0.00	39.18 2.81 -2.01	45.88 2.99 -7.65	34.78 2.40 -4.78	34.15 2.45 0.00	34.21 2.13 0.00	31.17 2.02 0.00	31.92 2.10 0.00	24.16 1.17 0.00
KEDC_PORT_JEFF_GT3 24211	19.13 0.86 0.00	18.91 0.79 0.00	22.40 0.82 0.00	18.02 0.83 0.00	20.19 0.64 0.00	21.62 0.75 0.77	20.11 0.90 0.00	18.73 1.02 0.00	19.31 1.19 0.00	27.24 1.69 0.00	33.57 1.97 -2.59	52.40 3.21 0.00	36.90 2.22 0.00	32.68 1.89 0.00	35.95 2.34 0.00	32.70 2.06 0.00	39.18 2.81 -2.01	45.88 2.99 -7.65	34.78 2.40 -4.78	34.15 2.45 0.00	34.21 2.13 0.00	31.17 2.02 0.00	31.92 2.10 0.00	24.16 1.17 0.00
KEDC_GLWD_GT4 24219	19.30 1.03 0.00	19.09 0.97 0.00	22.73 1.16 0.00	18.18 0.99 0.00	20.56 1.00 0.00	22.81 1.17 0.00	20.45 1.24 0.00	19.00 1.28 0.00	19.44 1.32 0.00	27.45 1.90 0.00	33.85 2.25 -2.59	52.86 3.67 0.00	37.24 2.56 0.00	33.10 2.30 0.00	36.31 2.70 0.00	32.98 2.34 0.00	39.12 2.76 -2.01	45.86 2.97 -7.65	34.79 2.42 -4.78	34.17 2.47 0.00	34.47 2.39 0.00	31.33 2.17 0.00	32.00 2.18 0.00	24.46 1.46 0.00
KEDC_GLWD_GT5 24220	19.30 1.03 0.00	19.09 0.97 0.00	22.73 1.16 0.00	18.18 0.99 0.00	20.56 1.00 0.00	22.81 1.17 0.00	20.45 1.24 0.00	19.00 1.28 0.00	19.44 1.32 0.00	27.45 1.90 0.00	33.85 2.25 -2.59	52.86 3.67 0.00	37.24 2.56 0.00	33.10 2.30 0.00	36.31 2.70 0.00	32.98 2.34 0.00	39.12 2.76 -2.01	45.86 2.97 -7.65	34.79 2.42 -4.78	34.17 2.47 0.00	34.47 2.39 0.00	31.33 2.17 0.00	32.00 2.18 0.00	24.46 1.46 0.00
KENSICO____ 23655	19.02 0.76 0.00	18.86 0.74 0.00	22.46 0.88 0.00	17.89 0.70 0.00	20.26 0.71 0.00	22.50 0.86 0.00	20.14 0.93 0.00	18.68 0.96 0.00	19.08 0.96 0.00	26.89 1.34 0.00	30.61 1.60 0.00	51.95 2.76 0.00	36.60 1.92 0.00	32.57 1.78 0.00	35.63 2.02 0.00	32.39 1.75 0.00	36.35 1.99 0.00	37.40 2.15 0.00	29.37 1.78 0.00	33.54 1.84 0.00	33.92 1.84 0.00	30.83 1.67 0.00	31.46 1.65 0.00	24.07 1.07 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.06 0.79 0.00	18.90 0.78 0.00	22.47 0.90 0.00	17.89 0.70 0.00	20.29 0.74 0.00	22.53 0.89 0.00	20.16 0.94 0.00	18.68 0.97 0.00	19.14 1.01 0.00	27.01 1.47 0.00	30.76 1.76 0.00	52.24 3.05 0.00	36.83 2.15 0.00	32.79 2.00 0.00	35.83 2.22 0.00	32.59 1.95 0.00	36.57 2.21 0.00	37.66 2.42 0.00	29.60 2.01 0.00	33.81 2.11 0.00	34.19 2.11 0.00	31.02 1.87 0.00	31.59 1.77 0.00	24.18 1.18 0.00
KIAC_JFK_GT1 23816	558.79 0.89 -539.63	31.99 0.92 -12.95	22.60 1.03 0.00	17.99 0.80 0.00	20.37 0.82 0.00	22.62 0.98 0.00	20.27 1.06 0.00	18.79 1.08 0.00	28.31 1.05 -9.14	133.70 1.39 -106.77	33.24 1.65 -2.58	52.38 3.19 0.00	36.92 2.24 0.00	32.87 2.08 0.00	35.94 2.33 0.00	32.63 1.99 0.00	36.59 2.23 0.00	37.64 2.40 0.00	29.56 1.96 0.00	33.77 2.07 0.00	34.19 2.10 0.00	31.07 1.92 0.00	31.71 1.89 0.00	24.24 1.24 0.00
KIAC_JFK_GT2 23817	558.79 0.89 -539.63	31.99 0.92 -12.95	22.60 1.03 0.00	17.99 0.80 0.00	20.37 0.82 0.00	22.62 0.98 0.00	20.27 1.06 0.00	18.79 1.08 0.00	28.31 1.05 -9.14	133.70 1.39 -106.77	33.24 1.65 -2.58	52.38 3.19 0.00	36.92 2.24 0.00	32.87 2.08 0.00	35.94 2.33 0.00	32.63 1.99 0.00	36.59 2.23 0.00	37.64 2.40 0.00	29.56 1.96 0.00	33.77 2.07 0.00	34.19 2.10 0.00	31.07 1.92 0.00	31.71 1.89 0.00	24.24 1.24 0.00
KIAC_JFK____ 323774	558.80 0.90 -539.63	31.99 0.92 -12.95	22.60 1.02 0.00	17.99 0.80 0.00	20.37 0.82 0.00	22.62 0.98 0.00	20.27 1.06 0.00	18.78 1.07 0.00	28.31 1.05 -9.14	133.70 1.38 -106.77	33.24 1.65 -2.58	52.38 3.20 0.00	36.92 2.24 0.00	32.87 2.08 0.00	35.94 2.33 0.00	32.63 1.99 0.00	36.59 2.23 0.00	37.64 2.40 0.00	29.56 1.96 0.00	33.77 2.07 0.00	34.19 2.11 0.00	31.07 1.92 0.00	31.71 1.89 0.00	24.24 1.24 0.00

KINTIGH____ 23543	18.31 0.05 0.00	18.15 0.03 0.00	21.68 0.10 0.00	17.37 0.18 0.00	19.94 0.40 0.00	22.19 0.55 0.00	19.55 0.34 0.00	17.78 0.06 0.00	18.21 0.08 0.00	25.61 0.06 0.00	29.07 0.06 0.00	48.82 -0.36 0.00	34.57 -0.12 0.00	30.68 -0.11 0.00	33.42 -0.19 0.00	30.45 -0.19 0.00	34.11 -0.25 0.00	34.66 -0.58 0.00	27.28 -0.32 0.00	31.28 -0.42 0.00	31.83 -0.25 0.00	29.05 -0.10 0.00	29.87 0.05 0.00	23.35 0.35 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.90 0.63 0.00	18.82 0.70 0.00	22.33 0.75 0.00	17.81 0.62 0.00	20.31 0.77 0.00	22.42 0.79 0.00	19.92 0.71 0.00	18.42 0.71 0.00	18.90 0.78 0.00	26.74 1.20 0.00	114.64 1.73 -83.89	51.37 2.18 0.00	36.09 1.41 0.00	31.92 1.13 0.00	34.81 1.19 0.00	31.84 1.19 0.00	35.75 1.39 0.00	36.68 1.44 0.00	28.68 1.09 0.00	33.08 1.38 0.00	33.37 1.29 0.00	30.21 1.05 0.00	30.75 0.93 0.00	23.56 0.56 0.00
LACHUTE__HYDRO 323717	20.01 1.74 0.00	19.91 1.79 0.00	23.35 1.78 0.00	18.64 1.46 0.00	21.18 1.64 0.00	23.61 1.97 0.00	20.96 1.75 0.00	19.77 2.05 0.00	20.42 2.30 0.00	29.05 3.50 0.00	33.06 4.05 0.00	56.03 6.84 0.00	39.39 4.71 0.00	34.82 4.03 0.00	37.91 4.30 0.00	34.73 4.08 0.00	38.86 4.50 0.00	39.86 4.62 0.00	31.43 3.84 0.00	36.11 4.41 0.00	36.32 4.24 0.00	32.77 3.62 0.00	33.62 3.80 0.00	25.51 2.51 0.00
LAWRNCV_115KV_TB1 80681	18.32 0.05 0.00	18.14 0.02 0.00	21.59 0.02 0.00	17.19 0.01 0.00	19.49 -0.05 0.00	21.27 -0.37 0.00	18.94 -0.28 0.00	17.41 -0.30 0.00	17.81 -0.32 0.00	25.18 -0.37 0.00	41.37 -0.54 -12.90	48.58 -0.61 0.00	34.15 -0.53 0.00	30.21 -0.59 0.00	32.98 -0.63 0.00	30.12 -0.52 0.00	33.88 -0.48 0.00	34.71 -0.53 0.00	27.13 -0.46 0.00	31.28 -0.42 0.00	31.67 -0.41 0.00	28.88 -0.27 0.00	29.74 -0.07 0.00	22.93 -0.07 0.00
LEDERLE____ 23769	19.03 0.76 0.00	18.89 0.78 0.00	22.46 0.88 0.00	17.90 0.71 0.00	20.28 0.73 0.00	22.53 0.89 0.00	20.16 0.94 0.00	18.64 0.93 0.00	19.07 0.95 0.00	26.83 1.29 0.00	30.48 1.47 0.00	51.71 2.52 0.00	36.47 1.78 0.00	32.46 1.66 0.00	35.46 1.86 0.00	32.24 1.60 0.00	36.19 1.83 0.00	37.29 2.05 0.00	29.31 1.71 0.00	33.50 1.80 0.00	33.88 1.79 0.00	30.79 1.63 0.00	31.33 1.51 0.00	23.99 0.99 0.00
LIGHTHSE_115KV_TB6 355974	18.17 -0.10 0.00	17.98 -0.14 0.00	21.46 -0.12 0.00	17.08 -0.11 0.00	19.45 -0.09 0.00	21.58 -0.06 0.00	19.13 -0.08 0.00	17.59 -0.12 0.00	18.01 -0.12 0.00	25.35 -0.19 0.00	30.57 -0.18 -1.74	48.78 -0.40 0.00	34.45 -0.23 0.00	30.62 -0.17 0.00	33.39 -0.22 0.00	30.39 -0.25 0.00	34.07 -0.30 0.00	34.96 -0.28 0.00	27.42 -0.17 0.00	31.46 -0.24 0.00	31.86 -0.22 0.00	28.97 -0.18 0.00	29.72 -0.10 0.00	23.00 0.00 0.00
LINDEN COGEN____ 23786	558.58 0.69 -539.63	31.75 0.68 -12.95	22.42 0.84 0.00	17.86 0.67 0.00	20.22 0.67 0.00	22.45 0.81 0.00	20.13 0.92 0.00	18.64 0.93 0.00	28.17 0.91 -9.14	132.96 1.22 -106.18	32.96 1.58 -2.36	51.90 2.72 0.00	36.59 1.90 0.00	32.58 1.79 0.00	35.64 2.03 0.00	32.37 1.72 0.00	36.31 1.96 0.00	37.36 2.12 0.00	29.31 1.72 0.00	33.47 1.77 0.00	33.89 1.80 0.00	30.82 1.66 0.00	31.46 1.64 0.00	24.06 1.07 0.00
LINDHRST_69_KV_BK1 356055	19.44 1.17 0.00	19.21 1.09 0.00	22.82 1.25 0.00	18.25 1.07 0.00	20.60 1.05 0.00	22.81 1.21 0.04	20.50 1.28 0.00	19.05 1.34 0.00	19.53 1.41 0.00	27.59 2.04 0.00	34.00 2.40 -2.58	53.19 4.01 0.00	37.49 2.81 0.00	33.27 2.47 0.00	36.56 2.95 0.00	33.23 2.59 0.00	39.48 3.11 -2.01	46.26 3.36 -7.65	35.10 2.72 -4.78	34.51 2.82 0.00	34.77 2.69 0.00	31.59 2.44 0.00	32.26 2.45 0.00	24.57 1.58 0.00
LIPA_MISC_IPP 23656	19.23 0.96 0.00	18.99 0.87 0.00	22.49 0.92 0.00	18.13 0.94 0.00	20.28 0.73 0.00	21.72 0.81 0.73	20.17 0.96 0.00	18.80 1.08 0.00	19.38 1.26 0.00	27.36 1.82 0.00	33.59 2.00 -2.58	52.48 3.30 0.00	36.99 2.30 0.00	32.75 1.96 0.00	36.08 2.46 0.00	32.84 2.20 0.00	39.45 3.08 -2.01	46.12 3.23 -7.65	34.94 2.56 -4.78	34.35 2.65 0.00	34.33 2.25 0.00	31.25 2.10 0.00	31.94 2.12 0.00	24.19 1.19 0.00
LISF__SOLAR 323691	19.24 0.98 0.00	19.00 0.88 0.00	22.50 0.93 0.00	18.14 0.95 0.00	20.29 0.75 0.00	21.74 0.82 0.72	20.18 0.97 0.00	18.80 1.09 0.00	19.41 1.29 0.00	27.39 1.84 0.00	33.62 2.03 -2.59	52.52 3.34 0.00	37.02 2.33 0.00	32.77 1.98 0.00	36.10 2.49 0.00	32.87 2.23 0.00	39.49 3.12 -2.01	46.17 3.28 -7.65	34.97 2.60 -4.78	34.39 2.69 0.00	34.37 2.28 0.00	31.29 2.13 0.00	31.97 2.15 0.00	24.21 1.21 0.00
LITTLE FALLS__HYD 24013	18.51 0.24 0.00	18.34 0.22 0.00	21.85 0.27 0.00	17.39 0.20 0.00	19.75 0.20 0.00	21.96 0.32 0.00	19.56 0.35 0.00	18.21 0.50 0.00	18.72 0.59 0.00	26.49 0.94 0.00	30.11 1.10 0.00	51.15 1.97 0.00	35.98 1.30 0.00	31.99 1.19 0.00	34.91 1.29 0.00	31.91 1.27 0.00	35.72 1.36 0.00	36.83 1.59 0.00	28.93 1.34 0.00	33.00 1.30 0.00	33.15 1.06 0.00	30.05 0.90 0.00	30.47 0.65 0.00	23.35 0.35 0.00
LITTLRIV_115KV_TB1 356100	18.65 0.38 0.00	18.44 0.32 0.00	21.96 0.38 0.00	17.48 0.29 0.00	19.82 0.27 0.00	21.60 -0.04 0.00	19.25 0.04 0.00	17.71 0.00 0.00	18.14 0.02 0.00	25.66 0.12 0.00	44.88 0.08 -15.78	49.48 0.29 0.00	34.77 0.09 0.00	30.73 -0.06 0.00	33.58 -0.03 0.00	30.71 0.07 0.00	34.60 0.24 0.00	35.51 0.27 0.00	27.78 0.19 0.00	32.02 0.32 0.00	32.39 0.31 0.00	29.50 0.35 0.00	30.36 0.54 0.00	23.38 0.38 0.00
LI_NEWBRDGE__DRP 323616	19.11 0.84 0.00	18.91 0.79 0.00	22.50 0.93 0.00	17.99 0.80 0.00	20.33 0.79 0.00	22.56 0.92 0.00	20.23 1.01 0.00	18.78 1.07 0.00	19.22 1.10 0.00	27.13 1.58 0.00	33.46 1.87 -2.58	52.29 3.11 0.00	36.83 2.15 0.00	32.73 1.94 0.00	35.92 2.31 0.00	32.63 2.00 0.00	38.76 2.39 -2.01	45.49 2.60 -7.65	34.49 2.11 -4.78	33.82 2.12 0.00	34.12 2.04 0.00	31.01 1.86 0.00	31.68 1.87 0.00	24.19 1.19 0.00
LOCKPORT_115KV_TB60_63_64 80432	18.48 0.21 0.00	18.30 0.18 0.00	21.87 0.30 0.00	17.55 0.36 0.00	20.20 0.65 0.00	22.49 0.85 0.00	19.77 0.56 0.00	17.87 0.16 0.00	18.27 0.15 0.00	25.73 0.18 0.00	29.23 0.22 0.00	48.92 -0.26 0.00	34.72 0.04 0.00	30.82 0.03 0.00	33.55 -0.06 0.00	30.60 -0.04 0.00	34.26 -0.10 0.00	34.74 -0.51 0.00	27.38 -0.21 0.00	31.39 -0.31 0.00	32.00 -0.08 0.00	29.24 0.09 0.00	30.09 0.27 0.00	23.57 0.58 0.00
LOCKPORT__CC1 323769	18.48 0.21 0.00	18.30 0.18 0.00	21.87 0.29 0.00	17.54 0.36 0.00	20.20 0.65 0.00	22.48 0.85 0.00	19.76 0.55 0.00	17.89 0.17 0.00	18.29 0.16 0.00	25.74 0.19 0.00	29.23 0.21 0.00	48.94 -0.25 0.00	34.72 0.03 0.00	30.82 0.03 0.00	33.56 -0.06 0.00	30.59 -0.05 0.00	34.27 -0.09 0.00	34.73 -0.51 0.00	27.37 -0.22 0.00	31.39 -0.30 0.00	31.99 -0.09 0.00	29.23 0.08 0.00	30.10 0.28 0.00	23.57 0.58 0.00

LOCKPORT___CC2 323770	18.48 0.21 0.00	18.30 0.18 0.00	21.87 0.29 0.00	17.54 0.36 0.00	20.20 0.65 0.00	22.48 0.85 0.00	19.76 0.55 0.00	17.89 0.17 0.00	18.29 0.16 0.00	25.74 0.19 0.00	29.23 0.21 0.00	48.94 -0.25 0.00	34.72 0.03 0.00	30.82 0.03 0.00	33.56 -0.06 0.00	30.59 -0.05 0.00	34.27 -0.09 0.00	34.73 -0.51 0.00	27.37 -0.22 0.00	31.39 -0.30 0.00	31.99 -0.09 0.00	29.23 0.08 0.00	30.10 0.28 0.00	23.57 0.58 0.00
LOCKPORT___CC3 323771	18.48 0.21 0.00	18.30 0.18 0.00	21.87 0.29 0.00	17.54 0.36 0.00	20.20 0.65 0.00	22.48 0.85 0.00	19.76 0.55 0.00	17.89 0.17 0.00	18.29 0.16 0.00	25.74 0.19 0.00	29.23 0.21 0.00	48.94 -0.25 0.00	34.72 0.03 0.00	30.82 0.03 0.00	33.56 -0.06 0.00	30.59 -0.05 0.00	34.27 -0.09 0.00	34.73 -0.51 0.00	27.37 -0.22 0.00	31.39 -0.30 0.00	31.99 -0.09 0.00	29.23 0.08 0.00	30.10 0.28 0.00	23.57 0.58 0.00
LONG_LAKE_PHOENIX 24014	18.09 -0.17 0.00	17.94 -0.18 0.00	21.39 -0.19 0.00	17.04 -0.15 0.00	19.41 -0.14 0.00	21.52 -0.12 0.00	19.02 -0.19 0.00	17.47 -0.24 0.00	17.88 -0.24 0.00	25.14 -0.41 0.00	28.56 -0.46 0.00	48.32 -0.87 0.00	34.12 -0.56 0.00	30.34 -0.46 0.00	33.07 -0.54 0.00	30.13 -0.51 0.00	33.76 -0.60 0.00	34.61 -0.63 0.00	27.15 -0.45 0.00	31.13 -0.57 0.00	31.53 -0.55 0.00	28.66 -0.49 0.00	29.39 -0.43 0.00	22.82 -0.17 0.00
LOVETT___3 23632	18.92 0.65 0.00	18.79 0.67 0.00	22.34 0.77 0.00	17.81 0.62 0.00	20.18 0.63 0.00	22.41 0.77 0.00	20.05 0.84 0.00	18.54 0.83 0.00	18.97 0.84 0.00	26.67 1.12 0.00	30.28 1.27 0.00	51.37 2.19 0.00	36.22 1.54 0.00	32.24 1.45 0.00	35.23 1.62 0.00	32.02 1.38 0.00	35.94 1.58 0.00	37.02 1.78 0.00	29.09 1.50 0.00	33.25 1.55 0.00	33.64 1.55 0.00	30.57 1.42 0.00	31.12 1.31 0.00	23.84 0.84 0.00
LOVETT___4 23642	18.92 0.65 0.00	18.79 0.67 0.00	22.34 0.77 0.00	17.81 0.62 0.00	20.18 0.63 0.00	22.41 0.77 0.00	20.05 0.84 0.00	18.54 0.83 0.00	18.97 0.84 0.00	26.67 1.12 0.00	30.28 1.27 0.00	51.37 2.19 0.00	36.22 1.54 0.00	32.24 1.45 0.00	35.23 1.62 0.00	32.02 1.38 0.00	35.94 1.58 0.00	37.02 1.78 0.00	29.09 1.50 0.00	33.25 1.55 0.00	33.64 1.55 0.00	30.57 1.42 0.00	31.12 1.31 0.00	23.84 0.84 0.00
LOVETT___5 23593	18.92 0.65 0.00	18.79 0.67 0.00	22.34 0.77 0.00	17.81 0.62 0.00	20.18 0.63 0.00	22.41 0.77 0.00	20.05 0.84 0.00	18.54 0.83 0.00	18.97 0.84 0.00	26.67 1.12 0.00	30.28 1.27 0.00	51.37 2.19 0.00	36.22 1.54 0.00	32.24 1.45 0.00	35.23 1.62 0.00	32.02 1.38 0.00	35.94 1.58 0.00	37.02 1.78 0.00	29.09 1.50 0.00	33.25 1.55 0.00	33.64 1.55 0.00	30.57 1.42 0.00	31.12 1.31 0.00	23.84 0.84 0.00
LOWER RAQUET___HYD 24057	18.31 0.05 0.00	18.13 0.01 0.00	21.58 0.00 0.00	17.18 -0.01 0.00	19.46 -0.09 0.00	21.20 -0.44 0.00	18.87 -0.34 0.00	17.35 -0.36 0.00	17.74 -0.39 0.00	25.09 -0.46 0.00	44.20 -0.60 -15.78	48.44 -0.75 0.00	34.04 -0.64 0.00	30.11 -0.68 0.00	32.88 -0.73 0.00	30.03 -0.61 0.00	33.78 -0.58 0.00	34.63 -0.61 0.00	27.07 -0.53 0.00	31.21 -0.49 0.00	31.59 -0.49 0.00	28.83 -0.32 0.00	29.74 -0.08 0.00	22.93 -0.07 0.00
LOWER___HUDSON 24059	18.75 0.49 0.00	18.61 0.49 0.00	22.10 0.53 0.00	17.62 0.43 0.00	19.99 0.44 0.00	22.20 0.56 0.00	19.76 0.54 0.00	18.33 0.62 0.00	18.81 0.68 0.00	26.59 1.04 0.00	30.22 1.21 0.00	51.36 2.17 0.00	36.21 1.52 0.00	32.12 1.33 0.00	35.11 1.50 0.00	32.04 1.40 0.00	35.85 1.49 0.00	36.86 1.62 0.00	28.97 1.37 0.00	33.17 1.47 0.00	33.46 1.38 0.00	30.38 1.23 0.00	31.06 1.24 0.00	23.76 0.77 0.00
LOWVILLE_115KV_TB2 356335	18.42 0.15 0.00	18.18 0.06 0.00	21.73 0.15 0.00	17.28 0.09 0.00	19.65 0.10 0.00	21.76 0.12 0.00	19.41 0.20 0.00	17.97 0.25 0.00	18.41 0.29 0.00	26.00 0.45 0.00	34.23 0.58 -4.64	50.18 0.99 0.00	35.37 0.69 0.00	31.44 0.64 0.00	34.31 0.70 0.00	31.34 0.69 0.00	35.18 0.82 0.00	36.17 0.93 0.00	28.35 0.75 0.00	32.52 0.82 0.00	32.90 0.82 0.00	29.78 0.63 0.00	30.43 0.61 0.00	23.39 0.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.01 0.75 0.00	18.86 0.74 0.00	22.39 0.81 0.00	17.84 0.66 0.00	20.26 0.71 0.00	22.51 0.88 0.00	20.03 0.82 0.00	18.61 0.90 0.00	19.12 1.00 0.00	27.08 1.53 0.00	30.79 1.78 0.00	52.27 3.09 0.00	36.80 2.12 0.00	32.67 1.88 0.00	35.69 2.08 0.00	32.57 1.93 0.00	36.48 2.12 0.00	37.52 2.28 0.00	29.47 1.88 0.00	33.74 2.04 0.00	34.02 1.94 0.00	30.85 1.70 0.00	31.51 1.70 0.00	24.10 1.10 0.00
LUTHERNY_35_KV_BK2 355980	19.02 0.75 0.00	18.87 0.75 0.00	22.38 0.80 0.00	17.85 0.67 0.00	20.26 0.71 0.00	22.53 0.89 0.00	20.04 0.83 0.00	18.63 0.91 0.00	19.14 1.02 0.00	27.13 1.58 0.00	30.82 1.81 0.00	52.33 3.15 0.00	36.83 2.15 0.00	32.69 1.89 0.00	35.73 2.12 0.00	32.60 1.96 0.00	36.51 2.14 0.00	37.56 2.32 0.00	29.46 1.87 0.00	33.75 2.05 0.00	34.00 1.92 0.00	30.85 1.70 0.00	31.53 1.71 0.00	24.11 1.12 0.00
LWR___OSWEGATCHIE_HYD 23850	18.25 -0.02 0.00	18.03 -0.09 0.00	21.51 -0.07 0.00	17.11 -0.08 0.00	19.43 -0.12 0.00	21.33 -0.31 0.00	19.01 -0.21 0.00	17.53 -0.18 0.00	17.95 -0.17 0.00	25.36 -0.19 0.00	39.57 -0.21 -10.77	48.96 -0.22 0.00	34.47 -0.22 0.00	30.57 -0.23 0.00	33.37 -0.24 0.00	30.48 -0.16 0.00	34.25 -0.11 0.00	35.17 -0.07 0.00	27.53 -0.06 0.00	31.66 -0.04 0.00	32.03 -0.05 0.00	29.11 -0.04 0.00	29.90 0.08 0.00	23.02 0.02 0.00
LYONS_FALL_HYD 23570	18.51 0.25 0.00	18.30 0.18 0.00	21.85 0.27 0.00	17.38 0.19 0.00	19.78 0.23 0.00	21.92 0.28 0.00	19.52 0.31 0.00	18.05 0.34 0.00	18.51 0.38 0.00	26.13 0.58 0.00	32.87 0.70 -3.16	50.41 1.22 0.00	35.54 0.86 0.00	31.58 0.79 0.00	34.45 0.84 0.00	31.45 0.81 0.00	35.31 0.95 0.00	36.29 1.04 0.00	28.44 0.85 0.00	32.62 0.92 0.00	32.98 0.90 0.00	29.88 0.72 0.00	30.52 0.70 0.00	23.47 0.48 0.00
MADISON___COUNTY_LFGE 323628	18.76 0.50 0.00	18.59 0.47 0.00	22.16 0.58 0.00	17.64 0.45 0.00	20.08 0.54 0.00	22.28 0.65 0.00	19.80 0.59 0.00	18.29 0.58 0.00	18.76 0.63 0.00	26.46 0.91 0.00	31.23 1.06 -1.16	50.99 1.80 0.00	36.00 1.32 0.00	32.00 1.20 0.00	34.86 1.25 0.00	31.83 1.18 0.00	35.73 1.37 0.00	36.69 1.44 0.00	28.76 1.17 0.00	32.94 1.24 0.00	33.32 1.23 0.00	30.20 1.05 0.00	30.81 0.99 0.00	23.74 0.75 0.00
MALONE___115KV_TB1 356076	18.73 0.46 0.00	18.59 0.47 0.00	22.09 0.51 0.00	17.61 0.43 0.00	20.05 0.51 0.00	22.07 0.43 0.00	19.62 0.41 0.00	18.11 0.40 0.00	18.58 0.46 0.00	26.29 0.74 0.00	93.25 1.22 -63.02	50.66 1.47 0.00	35.57 0.89 0.00	31.46 0.66 0.00	34.33 0.72 0.00	31.39 0.75 0.00	35.26 0.90 0.00	36.16 0.91 0.00	28.26 0.66 0.00	32.56 0.86 0.00	32.92 0.83 0.00	29.84 0.68 0.00	30.45 0.63 0.00	23.36 0.36 0.00

MAPLEWOD_115KV_TB3 80458	18.68 0.41 0.00	18.52 0.40 0.00	22.01 0.43 0.00	17.55 0.36 0.00	19.91 0.36 0.00	22.10 0.46 0.00	19.68 0.46 0.00	18.27 0.56 0.00	18.74 0.61 0.00	26.49 0.94 0.00	30.12 1.11 0.00	51.26 2.07 0.00	36.09 1.41 0.00	32.06 1.26 0.00	35.01 1.40 0.00	31.94 1.30 0.00	35.77 1.41 0.00	36.80 1.56 0.00	28.93 1.34 0.00	33.12 1.42 0.00	33.39 1.31 0.00	30.31 1.16 0.00	30.96 1.14 0.00	23.64 0.64 0.00
MAPLE_RIDGE_WT_1 323574	18.13 -0.14 0.00	17.91 -0.21 0.00	21.39 -0.19 0.00	17.01 -0.18 0.00	19.34 -0.21 0.00	21.42 -0.22 0.00	19.10 -0.11 0.00	17.64 -0.07 0.00	18.04 -0.08 0.00	25.47 -0.08 0.00	28.92 -0.09 0.00	49.05 -0.13 0.00	34.57 -0.11 0.00	30.68 -0.11 0.00	33.48 -0.13 0.00	30.55 -0.09 0.00	34.26 -0.10 0.00	35.12 -0.12 0.00	27.47 -0.12 0.00	31.56 -0.14 0.00	31.96 -0.12 0.00	29.03 -0.12 0.00	29.67 -0.15 0.00	22.77 -0.23 0.00
MAPLE_RIDGE_WT_2 323611	18.13 -0.14 0.00	17.91 -0.21 0.00	21.39 -0.19 0.00	17.01 -0.18 0.00	19.34 -0.21 0.00	21.42 -0.22 0.00	19.10 -0.11 0.00	17.64 -0.07 0.00	18.04 -0.08 0.00	25.47 -0.08 0.00	28.92 -0.09 0.00	49.05 -0.13 0.00	34.57 -0.11 0.00	30.68 -0.11 0.00	33.48 -0.13 0.00	30.55 -0.09 0.00	34.26 -0.10 0.00	35.12 -0.12 0.00	27.47 -0.12 0.00	31.56 -0.14 0.00	31.96 -0.12 0.00	29.03 -0.12 0.00	29.67 -0.15 0.00	22.77 -0.23 0.00
MARBLE_RIVER_WT_PWR 323696	18.69 0.43 0.00	18.61 0.49 0.00	22.07 0.50 0.00	17.62 0.43 0.00	20.09 0.54 0.00	22.17 0.53 0.00	19.68 0.47 0.00	18.19 0.48 0.00	18.64 0.51 0.00	26.34 0.79 0.00	115.75 1.09 -85.65	50.58 1.40 0.00	35.58 0.89 0.00	31.48 0.68 0.00	34.33 0.72 0.00	31.40 0.75 0.00	35.24 0.88 0.00	36.12 0.88 0.00	28.22 0.63 0.00	32.53 0.83 0.00	32.84 0.76 0.00	29.76 0.60 0.00	30.31 0.49 0.00	23.25 0.25 0.00
MARSHVLE_115KV_TB1 80742	19.15 0.88 0.00	18.99 0.88 0.00	22.66 1.08 0.00	18.06 0.87 0.00	20.59 1.04 0.00	22.80 1.16 0.00	20.21 1.00 0.00	18.58 0.86 0.00	18.97 0.84 0.00	26.79 1.24 0.00	30.49 1.48 0.00	51.55 2.37 0.00	36.34 1.65 0.00	32.32 1.53 0.00	35.23 1.62 0.00	32.13 1.49 0.00	36.06 1.69 0.00	37.03 1.78 0.00	28.97 1.38 0.00	33.23 1.53 0.00	33.60 1.52 0.00	30.47 1.32 0.00	31.04 1.22 0.00	24.05 1.05 0.00
MARSH_HILL_WT_PWR 323713	18.96 0.69 0.00	18.81 0.69 0.00	22.50 0.92 0.00	17.93 0.74 0.00	20.51 0.95 0.00	22.79 1.15 0.00	20.13 0.92 0.00	18.29 0.58 0.00	18.79 0.67 0.00	26.34 0.79 0.00	29.75 0.74 0.00	50.48 1.29 0.00	35.83 1.15 0.00	32.01 1.21 0.00	34.93 1.32 0.00	31.95 1.31 0.00	35.75 1.39 0.00	36.39 1.15 0.00	28.58 0.98 0.00	32.90 1.20 0.00	33.50 1.42 0.00	30.46 1.31 0.00	31.08 1.26 0.00	24.03 1.03 0.00
MCINTYRE_115KV_TB2 80467	18.91 0.64 0.00	18.69 0.57 0.00	22.26 0.68 0.00	17.71 0.52 0.00	20.10 0.55 0.00	21.93 0.29 0.00	19.55 0.34 0.00	18.00 0.29 0.00	18.45 0.32 0.00	26.11 0.56 0.00	45.42 0.62 -15.78	50.24 1.05 0.00	35.31 0.63 0.00	31.19 0.40 0.00	34.09 0.48 0.00	31.22 0.58 0.00	35.21 0.85 0.00	36.20 0.96 0.00	28.35 0.75 0.00	32.66 0.96 0.00	33.02 0.94 0.00	30.02 0.87 0.00	30.85 1.04 0.00	23.74 0.74 0.00
MECO____69_KV_BK1 80468	19.33 1.07 0.00	19.06 0.95 0.00	22.71 1.13 0.00	18.07 0.88 0.00	20.58 1.03 0.00	22.79 1.15 0.00	20.30 1.09 0.00	18.82 1.10 0.00	19.31 1.18 0.00	27.41 1.86 0.00	31.19 2.18 0.00	52.77 3.59 0.00	37.18 2.50 0.00	33.16 2.37 0.00	36.24 2.63 0.00	33.13 2.49 0.00	37.20 2.84 0.00	38.32 3.08 0.00	30.07 2.48 0.00	34.48 2.78 0.00	34.77 2.69 0.00	31.39 2.24 0.00	31.93 2.11 0.00	24.57 1.57 0.00
MENANDS_115KV_TB5 355628	18.59 0.33 0.00	18.44 0.32 0.00	21.90 0.33 0.00	17.47 0.28 0.00	19.82 0.27 0.00	22.00 0.36 0.00	19.58 0.37 0.00	18.19 0.47 0.00	18.65 0.52 0.00	26.35 0.80 0.00	29.96 0.95 0.00	51.01 1.82 0.00	35.90 1.21 0.00	31.88 1.09 0.00	34.83 1.22 0.00	31.77 1.12 0.00	35.58 1.22 0.00	36.60 1.36 0.00	28.76 1.17 0.00	32.93 1.23 0.00	33.21 1.13 0.00	30.15 1.00 0.00	30.80 0.98 0.00	23.51 0.52 0.00
MG INDUSTRY__DRP 24185	18.69 0.43 0.00	18.55 0.43 0.00	22.07 0.49 0.00	17.56 0.37 0.00	19.93 0.38 0.00	22.12 0.48 0.00	19.68 0.47 0.00	18.25 0.54 0.00	18.71 0.59 0.00	26.43 0.88 0.00	30.05 1.03 0.00	51.08 1.89 0.00	35.96 1.27 0.00	31.94 1.15 0.00	34.89 1.27 0.00	31.82 1.17 0.00	35.65 1.28 0.00	36.64 1.40 0.00	28.77 1.18 0.00	32.95 1.25 0.00	33.28 1.19 0.00	30.21 1.06 0.00	30.86 1.04 0.00	23.59 0.60 0.00
MID__OSWEGATCHIE_HYD 23849	18.25 -0.02 0.00	18.03 -0.09 0.00	21.51 -0.07 0.00	17.11 -0.08 0.00	19.43 -0.12 0.00	21.33 -0.31 0.00	19.01 -0.21 0.00	17.53 -0.18 0.00	17.95 -0.17 0.00	25.36 -0.19 0.00	39.57 -0.21 -10.77	48.96 -0.22 0.00	34.47 -0.22 0.00	30.57 -0.23 0.00	33.37 -0.24 0.00	30.48 -0.16 0.00	34.25 -0.11 0.00	35.17 -0.07 0.00	27.53 -0.06 0.00	31.66 -0.04 0.00	32.03 -0.05 0.00	29.11 -0.04 0.00	29.90 0.08 0.00	23.02 0.02 0.00
MID__RAQUETTE_HYD 23851	18.31 0.05 0.00	18.13 0.01 0.00	21.58 0.00 0.00	17.18 -0.01 0.00	19.46 -0.09 0.00	21.20 -0.44 0.00	18.87 -0.34 0.00	17.35 -0.36 0.00	17.74 -0.39 0.00	25.09 -0.46 0.00	44.20 -0.60 -15.78	48.44 -0.75 0.00	34.04 -0.64 0.00	30.11 -0.68 0.00	32.88 -0.73 0.00	30.03 -0.61 0.00	33.78 -0.58 0.00	34.63 -0.61 0.00	27.07 -0.52 0.00	31.21 -0.49 0.00	31.59 -0.49 0.00	28.83 -0.32 0.00	29.74 -0.08 0.00	22.93 -0.07 0.00
MILLIKEN__1 23584	18.80 0.53 0.00	18.65 0.54 0.00	22.22 0.65 0.00	17.72 0.53 0.00	20.20 0.65 0.00	22.41 0.77 0.00	19.88 0.67 0.00	18.30 0.59 0.00	18.74 0.62 0.00	26.42 0.87 0.00	29.99 0.98 0.00	50.70 1.52 0.00	35.89 1.20 0.00	31.88 1.09 0.00	34.80 1.19 0.00	31.75 1.10 0.00	35.63 1.26 0.00	36.52 1.28 0.00	28.66 1.07 0.00	32.79 1.09 0.00	33.21 1.13 0.00	30.17 1.02 0.00	30.75 0.93 0.00	23.79 0.79 0.00
MILLIKEN__2 23585	18.80 0.53 0.00	18.65 0.54 0.00	22.22 0.65 0.00	17.72 0.53 0.00	20.20 0.65 0.00	22.41 0.77 0.00	19.88 0.67 0.00	18.30 0.59 0.00	18.74 0.62 0.00	26.42 0.87 0.00	29.99 0.98 0.00	50.70 1.52 0.00	35.89 1.20 0.00	31.88 1.09 0.00	34.80 1.19 0.00	31.75 1.10 0.00	35.63 1.26 0.00	36.52 1.28 0.00	28.66 1.07 0.00	32.79 1.09 0.00	33.21 1.13 0.00	30.17 1.02 0.00	30.75 0.93 0.00	23.79 0.79 0.00
MILLIKEN__DIESEL 23629	18.80 0.53 0.00	18.65 0.54 0.00	22.22 0.65 0.00	17.72 0.53 0.00	20.20 0.65 0.00	22.41 0.77 0.00	19.88 0.67 0.00	18.30 0.59 0.00	18.74 0.62 0.00	26.42 0.87 0.00	29.99 0.98 0.00	50.70 1.52 0.00	35.89 1.20 0.00	31.88 1.09 0.00	34.80 1.19 0.00	31.75 1.10 0.00	35.63 1.26 0.00	36.52 1.28 0.00	28.66 1.07 0.00	32.79 1.09 0.00	33.21 1.13 0.00	30.17 1.02 0.00	30.75 0.93 0.00	23.79 0.79 0.00

MILLSEAT___LFGE 323607	18.72 0.45 0.00	18.53 0.41 0.00	22.13 0.56 0.00	17.74 0.55 0.00	20.40 0.85 0.00	22.71 1.08 0.00	20.00 0.79 0.00	18.15 0.44 0.00	18.57 0.45 0.00	26.15 0.60 0.00	29.74 0.73 0.00	49.83 0.65 0.00	35.32 0.63 0.00	31.36 0.56 0.00	34.16 0.55 0.00	31.15 0.51 0.00	34.92 0.56 0.00	35.48 0.24 0.00	27.96 0.37 0.00	32.06 0.36 0.00	32.63 0.54 0.00	29.75 0.60 0.00	30.56 0.74 0.00	23.88 0.89 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.00 0.73 0.00	18.84 0.72 0.00	22.42 0.85 0.00	17.87 0.69 0.00	20.24 0.69 0.00	22.47 0.83 0.00	20.11 0.90 0.00	18.65 0.94 0.00	19.06 0.94 0.00	26.85 1.31 0.00	30.56 1.55 0.00	51.87 2.68 0.00	36.55 1.87 0.00	32.54 1.74 0.00	35.57 1.96 0.00	32.34 1.70 0.00	36.29 1.93 0.00	37.34 2.10 0.00	29.33 1.73 0.00	33.50 1.80 0.00	33.88 1.80 0.00	30.78 1.63 0.00	31.43 1.61 0.00	24.03 1.03 0.00
MILLWOOD_13_KV_LOAD 356217	19.05 0.78 0.00	18.88 0.76 0.00	22.48 0.90 0.00	17.91 0.73 0.00	20.29 0.74 0.00	22.53 0.89 0.00	20.17 0.95 0.00	18.69 0.98 0.00	19.11 0.99 0.00	26.93 1.38 0.00	30.64 1.63 0.00	52.01 2.83 0.00	36.66 1.97 0.00	32.63 1.83 0.00	35.68 2.06 0.00	32.43 1.79 0.00	36.40 2.03 0.00	37.46 2.22 0.00	29.42 1.83 0.00	33.60 1.90 0.00	33.97 1.89 0.00	30.87 1.72 0.00	31.50 1.68 0.00	24.10 1.10 0.00
MODEL_CITY_ENERGY 24167	18.32 0.06 0.00	18.15 0.03 0.00	21.69 0.11 0.00	17.40 0.21 0.00	20.04 0.49 0.00	22.31 0.67 0.00	19.60 0.39 0.00	17.72 0.00 0.00	18.09 -0.04 0.00	25.45 -0.10 0.00	28.91 -0.10 0.00	48.37 -0.82 0.00	34.34 -0.35 0.00	30.49 -0.31 0.00	33.16 -0.45 0.00	30.25 -0.40 0.00	33.87 -0.49 0.00	34.31 -0.93 0.00	27.04 -0.55 0.00	31.01 -0.69 0.00	31.62 -0.46 0.00	28.91 -0.24 0.00	29.78 -0.04 0.00	23.33 0.34 0.00
MODERN_LFGE___ 323580	18.32 0.06 0.00	18.15 0.03 0.00	21.69 0.11 0.00	17.40 0.21 0.00	20.04 0.49 0.00	22.31 0.67 0.00	19.60 0.39 0.00	17.72 0.00 0.00	18.09 -0.04 0.00	25.45 -0.10 0.00	28.91 -0.10 0.00	48.37 -0.82 0.00	34.34 -0.35 0.00	30.49 -0.31 0.00	33.16 -0.45 0.00	30.25 -0.40 0.00	33.87 -0.49 0.00	34.31 -0.93 0.00	27.04 -0.55 0.00	31.01 -0.69 0.00	31.62 -0.46 0.00	28.91 -0.24 0.00	29.78 -0.04 0.00	23.33 0.34 0.00
MOHAWK_PAPER___DRP 24187	18.68 0.41 0.00	18.52 0.40 0.00	22.01 0.43 0.00	17.55 0.36 0.00	19.91 0.36 0.00	22.10 0.46 0.00	19.68 0.46 0.00	18.27 0.56 0.00	18.74 0.61 0.00	26.49 0.94 0.00	30.12 1.11 0.00	51.26 2.07 0.00	36.09 1.41 0.00	32.06 1.26 0.00	35.01 1.40 0.00	31.94 1.30 0.00	35.77 1.41 0.00	36.80 1.56 0.00	28.93 1.34 0.00	33.12 1.42 0.00	33.39 1.31 0.00	30.31 1.16 0.00	30.96 1.14 0.00	23.64 0.64 0.00
MOHICAN___35_KV_115KV_LD 80490	19.12 0.85 0.00	18.96 0.85 0.00	22.44 0.87 0.00	17.89 0.71 0.00	20.32 0.78 0.00	22.63 0.99 0.00	20.10 0.89 0.00	18.76 1.05 0.00	19.32 1.20 0.00	27.44 1.90 0.00	31.23 2.22 0.00	52.96 3.78 0.00	37.24 2.55 0.00	33.03 2.23 0.00	36.05 2.44 0.00	32.96 2.32 0.00	36.90 2.54 0.00	37.92 2.68 0.00	29.83 2.24 0.00	34.17 2.47 0.00	34.41 2.32 0.00	31.14 1.99 0.00	31.83 2.01 0.00	24.29 1.29 0.00
MONGAUP___HYD 23641	19.06 0.80 0.00	18.86 0.74 0.00	22.43 0.86 0.00	17.89 0.70 0.00	20.29 0.74 0.00	22.54 0.90 0.00	20.09 0.88 0.00	18.61 0.90 0.00	19.07 0.95 0.00	26.97 1.43 0.00	30.70 1.69 0.00	51.86 2.67 0.00	36.73 2.04 0.00	32.60 1.81 0.00	35.72 2.11 0.00	32.52 1.88 0.00	36.48 2.12 0.00	37.51 2.26 0.00	29.48 1.88 0.00	33.60 1.90 0.00	34.03 1.95 0.00	30.97 1.82 0.00	31.52 1.70 0.00	24.13 1.13 0.00
MONTAUK___DIESEL 23721	19.78 1.51 0.00	19.50 1.38 0.00	23.09 1.52 0.00	18.61 1.43 0.00	20.83 1.28 0.00	22.32 1.40 0.73	20.71 1.50 0.00	19.32 1.61 0.00	19.99 1.87 0.00	28.31 2.76 0.00	34.63 3.04 -2.58	54.32 5.14 0.00	38.27 3.58 0.00	33.86 3.07 0.00	37.30 3.69 0.00	34.00 3.36 0.00	40.80 4.43 -2.01	47.54 4.65 -7.65	36.03 3.65 -4.78	35.58 3.88 0.00	35.50 3.42 0.00	32.26 3.11 0.00	32.89 3.07 0.00	24.88 1.88 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.21 0.95 0.00	18.97 0.85 0.00	22.58 1.00 0.00	17.99 0.80 0.00	20.68 1.13 0.00	22.97 1.34 0.00	20.24 1.03 0.00	18.58 0.87 0.00	18.82 0.70 0.00	26.85 1.30 0.00	30.33 1.32 0.00	50.77 1.59 0.00	36.17 1.49 0.00	32.31 1.52 0.00	35.18 1.57 0.00	32.27 1.62 0.00	36.18 1.82 0.00	36.78 1.54 0.00	28.93 1.34 0.00	33.31 1.62 0.00	33.89 1.81 0.00	30.85 1.70 0.00	31.51 1.70 0.00	24.61 1.61 0.00
MORTIMER_115KV_TB3 55949	18.45 0.18 0.00	18.28 0.16 0.00	21.81 0.23 0.00	17.44 0.26 0.00	19.98 0.43 0.00	22.22 0.58 0.00	19.61 0.40 0.00	17.90 0.19 0.00	18.35 0.22 0.00	25.82 0.27 0.00	29.34 0.33 0.00	49.40 0.22 0.00	34.96 0.28 0.00	31.04 0.24 0.00	33.83 0.22 0.00	30.84 0.20 0.00	34.59 0.23 0.00	35.27 0.03 0.00	27.73 0.14 0.00	31.78 0.08 0.00	32.27 0.19 0.00	29.38 0.22 0.00	30.13 0.31 0.00	23.48 0.48 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	567.53 0.80 -548.47	32.60 0.79 -13.69	22.53 0.95 0.00	17.95 0.76 0.00	20.32 0.78 0.00	22.56 0.93 0.00	20.21 1.00 0.00	18.75 1.03 0.00	28.29 1.02 -9.14	133.72 1.41 -106.77	33.29 1.70 -2.58	52.11 2.92 0.00	36.72 2.03 0.00	32.69 1.90 0.00	35.76 2.14 0.00	32.49 1.85 0.00	36.45 2.09 0.00	37.50 2.26 0.00	29.43 1.84 0.00	33.61 1.91 0.00	34.01 1.93 0.00	30.92 1.77 0.00	31.57 1.76 0.00	24.14 1.15 0.00
MUNSVILLE_WIND_PWR 323609	19.71 1.45 0.00	19.53 1.41 0.00	23.30 1.72 0.00	18.53 1.34 0.00	21.17 1.62 0.00	23.53 1.89 0.00	20.92 1.71 0.00	19.33 1.61 0.00	19.92 1.79 0.00	28.18 2.64 0.00	32.08 3.07 0.00	54.18 4.99 0.00	38.29 3.60 0.00	33.93 3.13 0.00	36.88 3.27 0.00	33.66 3.02 0.00	37.89 3.53 0.00	38.97 3.73 0.00	30.58 2.99 0.00	34.92 3.22 0.00	35.39 3.31 0.00	32.03 2.88 0.00	32.47 2.65 0.00	25.00 2.00 0.00
N SALMON___HYD 24042	18.73 0.46 0.00	18.59 0.47 0.00	22.09 0.51 0.00	17.61 0.43 0.00	20.05 0.51 0.00	22.07 0.43 0.00	19.62 0.41 0.00	18.11 0.40 0.00	18.58 0.46 0.00	26.29 0.74 0.00	93.25 1.22 -63.02	50.66 1.47 0.00	35.57 0.89 0.00	31.46 0.67 0.00	34.33 0.72 0.00	31.39 0.75 0.00	35.25 0.90 0.00	36.16 0.91 0.00	28.26 0.66 0.00	32.56 0.86 0.00	32.91 0.83 0.00	29.84 0.68 0.00	30.45 0.63 0.00	23.36 0.36 0.00
N.AKRON___115KV_KNAPP 355671	18.66 0.40 0.00	18.48 0.36 0.00	22.08 0.50 0.00	17.70 0.51 0.00	20.37 0.82 0.00	22.68 1.04 0.00	19.95 0.74 0.00	18.08 0.36 0.00	18.49 0.37 0.00	26.05 0.50 0.00	29.62 0.60 0.00	49.61 0.43 0.00	35.17 0.49 0.00	31.23 0.44 0.00	34.01 0.40 0.00	31.01 0.37 0.00	34.76 0.39 0.00	35.29 0.05 0.00	27.82 0.22 0.00	31.89 0.18 0.00	32.47 0.39 0.00	29.64 0.49 0.00	30.45 0.63 0.00	23.82 0.82 0.00

N.BELMOR_69_KV_BK1 55787	19.29 1.02 0.00	19.07 0.95 0.00	22.69 1.11 0.00	18.14 0.95 0.00	20.50 0.95 0.00	22.74 1.10 0.00	20.39 1.18 0.00	18.94 1.23 0.00	19.39 1.27 0.00	27.39 1.84 0.00	33.73 2.14 -2.58	52.70 3.52 0.00	37.17 2.49 0.00	33.04 2.24 0.00	36.26 2.65 0.00	32.93 2.29 0.00	39.02 2.65 -2.01	45.77 2.88 -7.65	34.74 2.37 -4.78	34.14 2.44 0.00	34.44 2.35 0.00	31.30 2.14 0.00	31.98 2.17 0.00	24.41 1.42 0.00
N.E_GEN_SANDY PD 24062	18.75 0.48 0.00	18.61 0.49 0.00	22.10 0.53 0.00	17.62 0.43 0.00	19.97 0.42 0.00	22.17 0.53 0.00	19.69 0.56 0.09	18.37 0.66 0.00	18.80 0.68 0.00	26.56 1.01 0.00	30.19 1.18 0.00	55.33 2.20 -3.95	36.19 1.51 0.00	32.15 1.36 0.00	35.05 1.51 0.07	32.02 1.38 0.00	35.85 1.48 0.00	35.57 1.62 1.30	29.57 1.41 -0.56	33.43 1.47 -0.26	33.47 1.38 0.00	30.39 1.24 0.00	31.09 1.28 0.00	23.78 0.78 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.95 0.69 0.00	18.83 0.71 0.00	22.38 0.81 0.00	17.84 0.65 0.00	20.21 0.66 0.00	22.45 0.81 0.00	20.09 0.87 0.00	18.58 0.86 0.00	19.00 0.88 0.00	26.73 1.18 0.00	30.35 1.34 0.00	51.48 2.29 0.00	36.30 1.62 0.00	32.32 1.52 0.00	35.31 1.70 0.00	32.09 1.45 0.00	36.03 1.66 0.00	37.12 1.88 0.00	29.17 1.57 0.00	33.34 1.64 0.00	33.71 1.63 0.00	30.64 1.49 0.00	31.19 1.37 0.00	23.90 0.90 0.00
N.QUEENS_27_KV_LOAD 356247	562.87 0.70 -543.91	32.14 0.72 -13.30	22.47 0.90 0.00	17.86 0.68 0.00	20.21 0.66 0.00	22.40 0.76 0.00	20.14 0.93 0.00	18.68 0.96 0.00	28.17 0.90 -9.14	133.57 1.25 -106.77	33.15 1.56 -2.58	51.86 2.68 0.00	36.54 1.86 0.01	32.55 1.76 0.00	35.60 1.99 0.00	32.36 1.72 0.00	36.30 1.94 0.00	37.36 2.12 0.00	29.34 1.75 0.00	33.47 1.77 0.00	33.93 1.85 0.00	30.82 1.66 0.00	31.48 1.66 0.00	24.08 1.09 0.00
N.TROY___115KV_TB1 355778	18.75 0.49 0.00	18.61 0.49 0.00	22.10 0.53 0.00	17.62 0.43 0.00	19.99 0.44 0.00	22.20 0.56 0.00	19.76 0.54 0.00	18.34 0.62 0.00	18.80 0.68 0.00	26.59 1.05 0.00	30.22 1.21 0.00	51.36 2.17 0.00	36.21 1.52 0.00	32.12 1.33 0.00	35.11 1.50 0.00	32.04 1.40 0.00	35.85 1.49 0.00	36.86 1.62 0.00	28.97 1.38 0.00	33.17 1.47 0.00	33.46 1.38 0.00	30.38 1.23 0.00	31.06 1.24 0.00	23.77 0.77 0.00
NARROWS_GT1_1 24228	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT1_2 24229	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT1_3 24230	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT1_4 24231	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT1_5 24232	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT1_6 24233	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT1_7 24234	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT1_8 24235	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT2_1 24236	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT2_2 24237	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00

NARROWS_GT2_3 24238	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT2_4 24239	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT2_5 24240	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT2_6 24241	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT2_7 24242	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NARROWS_GT2_8 24243	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.31 1.96 0.01	37.42 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.89 0.62 0.00	18.72 0.60 0.00	22.23 0.66 0.00	17.71 0.52 0.00	20.11 0.56 0.00	22.33 0.68 0.00	19.89 0.67 0.00	18.49 0.78 0.00	19.02 0.90 0.00	26.93 1.38 0.00	30.67 1.66 0.00	52.14 2.96 0.00	36.74 2.05 0.00	32.61 1.82 0.00	35.61 2.00 0.00	32.53 1.89 0.00	36.46 2.09 0.00	37.55 2.30 0.00	29.51 1.91 0.00	33.76 2.07 0.00	34.01 1.93 0.00	30.79 1.64 0.00	31.37 1.56 0.00	23.90 0.90 0.00
NCHELSEA_115KV_TR2 355582	19.11 0.84 0.00	18.95 0.83 0.00	22.54 0.96 0.00	17.95 0.76 0.00	20.34 0.80 0.00	22.59 0.95 0.00	20.20 0.99 0.00	18.74 1.02 0.00	19.17 1.05 0.00	27.04 1.49 0.00	30.78 1.77 0.00	52.27 3.08 0.00	36.84 2.16 0.00	32.78 1.99 0.00	35.84 2.23 0.00	32.60 1.96 0.00	36.57 2.21 0.00	37.64 2.39 0.00	29.58 1.99 0.00	33.79 2.09 0.00	34.16 2.07 0.00	31.00 1.85 0.00	31.62 1.81 0.00	24.18 1.19 0.00
NEG CAPITAL___MECHNVIL 23645	19.00 0.73 0.00	18.85 0.73 0.00	22.37 0.79 0.00	17.83 0.64 0.00	20.24 0.69 0.00	22.49 0.85 0.00	20.02 0.81 0.00	18.60 0.88 0.00	19.10 0.98 0.00	27.05 1.51 0.00	30.77 1.76 0.00	52.25 3.07 0.00	36.81 2.13 0.00	32.67 1.88 0.00	35.69 2.08 0.00	32.58 1.94 0.00	36.48 2.12 0.00	37.52 2.28 0.00	29.47 1.88 0.00	33.74 2.04 0.00	34.03 1.95 0.00	30.84 1.69 0.00	31.50 1.68 0.00	24.10 1.10 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.04 -0.23 0.00	17.89 -0.23 0.00	21.33 -0.24 0.00	17.05 -0.14 0.00	19.51 -0.04 0.00	21.67 0.03 0.00	19.15 -0.06 0.00	17.52 -0.19 0.00	17.96 -0.17 0.00	25.28 -0.27 0.00	28.71 -0.30 0.00	48.41 -0.77 0.00	34.26 -0.43 0.00	30.42 -0.38 0.00	33.17 -0.45 0.00	30.24 -0.41 0.00	33.93 -0.43 0.00	34.64 -0.61 0.00	27.23 -0.36 0.00	31.17 -0.53 0.00	31.61 -0.48 0.00	28.75 -0.40 0.00	29.46 -0.36 0.00	22.92 -0.08 0.00
NEG CENTRAL___DRP 24199	18.57 0.30 0.00	18.42 0.31 0.00	21.97 0.39 0.00	17.52 0.33 0.00	20.00 0.46 0.00	22.22 0.58 0.00	19.69 0.47 0.00	18.06 0.35 0.00	18.50 0.37 0.00	26.03 0.48 0.00	29.57 0.56 0.00	49.82 0.64 0.00	35.33 0.64 0.00	31.44 0.64 0.00	34.29 0.68 0.00	31.32 0.68 0.00	35.09 0.73 0.00	35.85 0.60 0.00	28.16 0.56 0.00	32.23 0.53 0.00	32.71 0.63 0.00	29.75 0.60 0.00	30.34 0.52 0.00	23.52 0.52 0.00
NEG CENTRAL___INDECK 23768	19.12 0.85 0.00	18.92 0.80 0.00	22.59 1.01 0.00	18.04 0.85 0.00	20.67 1.11 0.00	23.01 1.37 0.00	20.33 1.11 0.00	18.54 0.83 0.00	19.07 0.95 0.00	26.78 1.23 0.00	30.39 1.38 0.00	51.27 2.09 0.00	36.16 1.48 0.00	32.23 1.44 0.00	35.17 1.56 0.00	32.13 1.49 0.00	36.06 1.70 0.00	36.83 1.59 0.00	29.01 1.42 0.00	33.30 1.61 0.00	33.83 1.75 0.00	30.72 1.57 0.00	31.38 1.57 0.00	24.33 1.33 0.00
NEG CENTRAL___SENECA 23627	18.65 0.39 0.00	18.49 0.37 0.00	22.07 0.49 0.00	17.60 0.41 0.00	20.11 0.57 0.00	22.36 0.73 0.00	19.81 0.60 0.00	18.16 0.45 0.00	18.62 0.50 0.00	26.20 0.65 0.00	29.80 0.79 0.00	50.05 0.86 0.00	35.52 0.84 0.00	31.66 0.87 0.00	34.51 0.89 0.00	31.54 0.90 0.00	35.30 0.93 0.00	36.00 0.76 0.00	28.29 0.70 0.00	32.41 0.71 0.00	32.95 0.87 0.00	29.95 0.80 0.00	30.54 0.72 0.00	23.65 0.65 0.00
NEG CENTRAL___STATE_STREET 24147	18.60 0.34 0.00	18.52 0.40 0.00	22.00 0.42 0.00	17.59 0.40 0.00	20.07 0.53 0.00	22.21 0.57 0.00	19.72 0.51 0.00	18.12 0.41 0.00	18.49 0.36 0.00	26.09 0.54 0.00	29.56 0.55 0.00	49.92 0.73 0.00	35.46 0.78 0.00	31.41 0.61 0.00	34.35 0.73 0.00	31.27 0.63 0.00	35.16 0.80 0.00	36.04 0.80 0.00	28.28 0.69 0.00	32.26 0.56 0.00	32.68 0.60 0.00	29.81 0.65 0.00	30.34 0.52 0.00	23.57 0.57 0.00
NEG MILLWOOD___DRP 24198	19.15 0.89 0.00	18.98 0.86 0.00	22.58 1.01 0.00	17.99 0.81 0.00	20.39 0.84 0.00	22.63 1.00 0.00	20.25 1.04 0.00	18.79 1.08 0.00	19.23 1.10 0.00	27.12 1.57 0.00	30.89 1.88 0.00	52.47 3.28 0.00	36.99 2.30 0.00	32.92 2.13 0.00	35.98 2.38 0.00	32.73 2.09 0.00	36.72 2.36 0.00	37.80 2.56 0.00	29.71 2.12 0.00	33.93 2.23 0.00	34.29 2.21 0.00	31.13 1.98 0.00	31.75 1.93 0.00	24.26 1.27 0.00

NEG NORTH_FLCN_SEA 23793	18.92 0.65 0.00	18.86 0.74 0.00	22.36 0.79 0.00	17.84 0.65 0.00	20.35 0.80 0.00	22.47 0.83 0.00	19.95 0.74 0.00	18.45 0.74 0.00	18.91 0.79 0.00	26.73 1.18 0.00	115.43 1.60 -84.82	51.29 2.10 0.00	36.06 1.38 0.00	31.89 1.10 0.00	34.76 1.15 0.00	31.82 1.17 0.00	35.70 1.34 0.00	36.62 1.38 0.00	28.63 1.04 0.00	33.04 1.34 0.00	33.32 1.24 0.00	30.17 1.02 0.00	30.75 0.93 0.00	23.56 0.56 0.00
NEG NORTH_KES_CHATEGAY 23792	18.71 0.44 0.00	18.61 0.49 0.00	22.09 0.52 0.00	17.62 0.43 0.00	20.09 0.55 0.00	22.16 0.52 0.00	19.68 0.47 0.00	18.18 0.47 0.00	18.64 0.51 0.00	26.34 0.79 0.00	109.14 1.14 -78.99	50.60 1.41 0.00	35.59 0.91 0.00	31.48 0.69 0.00	34.34 0.73 0.00	31.40 0.76 0.00	35.26 0.90 0.00	36.15 0.90 0.00	28.25 0.65 0.00	32.56 0.85 0.00	32.89 0.81 0.00	29.79 0.64 0.00	30.33 0.51 0.00	23.26 0.26 0.00
NEG NORTH___ALICE_FALLS 23915	18.90 0.63 0.00	18.82 0.70 0.00	22.33 0.75 0.00	17.81 0.62 0.00	20.31 0.77 0.00	22.42 0.79 0.00	19.92 0.71 0.00	18.42 0.71 0.00	18.90 0.78 0.00	26.74 1.20 0.00	114.64 1.73 -83.89	51.37 2.18 0.00	36.09 1.41 0.00	31.92 1.13 0.00	34.81 1.19 0.00	31.84 1.19 0.00	35.75 1.39 0.00	36.68 1.44 0.00	28.68 1.09 0.00	33.08 1.38 0.00	33.37 1.29 0.00	30.21 1.05 0.00	30.75 0.93 0.00	23.56 0.56 0.00
NEG NORTH___LWR_SARANAC 23913	18.90 0.63 0.00	18.82 0.70 0.00	22.33 0.75 0.00	17.81 0.62 0.00	20.31 0.77 0.00	22.42 0.79 0.00	19.92 0.71 0.00	18.42 0.71 0.00	18.90 0.78 0.00	26.74 1.20 0.00	114.64 1.73 -83.89	51.37 2.18 0.00	36.09 1.41 0.00	31.92 1.13 0.00	34.81 1.19 0.00	31.84 1.19 0.00	35.75 1.39 0.00	36.68 1.44 0.00	28.68 1.09 0.00	33.08 1.38 0.00	33.37 1.29 0.00	30.21 1.05 0.00	30.75 0.93 0.00	23.56 0.56 0.00
NEG NORTH___PLATTSBURG 23628	18.90 0.63 0.00	18.82 0.70 0.00	22.33 0.75 0.00	17.81 0.62 0.00	20.31 0.77 0.00	22.42 0.79 0.00	19.92 0.71 0.00	18.42 0.71 0.00	18.90 0.78 0.00	26.74 1.20 0.00	114.64 1.73 -83.89	51.37 2.18 0.00	36.10 1.41 0.00	31.92 1.13 0.00	34.81 1.19 0.00	31.83 1.19 0.00	35.75 1.39 0.00	36.68 1.44 0.00	28.68 1.09 0.00	33.08 1.38 0.00	33.37 1.29 0.00	30.20 1.05 0.00	30.75 0.93 0.00	23.55 0.56 0.00
NEG WEST_LEA_LOCKPORT 23791	18.48 0.21 0.00	18.30 0.18 0.00	21.87 0.30 0.00	17.54 0.35 0.00	20.20 0.65 0.00	22.48 0.85 0.00	19.76 0.55 0.00	17.88 0.16 0.00	18.28 0.16 0.00	25.74 0.19 0.00	29.22 0.21 0.00	48.94 -0.25 0.00	34.72 0.03 0.00	30.82 0.03 0.00	33.56 -0.05 0.00	30.60 -0.04 0.00	34.27 -0.10 0.00	34.74 -0.51 0.00	27.37 -0.22 0.00	31.39 -0.31 0.00	32.00 -0.09 0.00	29.23 0.08 0.00	30.09 0.27 0.00	23.57 0.58 0.00
NEG WEST___LANCASTR 23811	19.00 0.74 0.00	18.82 0.70 0.00	22.48 0.91 0.00	18.01 0.82 0.00	20.68 1.13 0.00	23.03 1.39 0.00	20.30 1.08 0.00	18.47 0.76 0.00	18.93 0.80 0.00	26.64 1.09 0.00	30.25 1.24 0.00	50.74 1.56 0.00	35.94 1.26 0.00	31.94 1.14 0.00	34.77 1.17 0.00	31.73 1.08 0.00	35.51 1.15 0.00	36.07 0.82 0.00	28.37 0.78 0.00	32.59 0.89 0.00	33.16 1.08 0.00	30.26 1.11 0.00	31.02 1.20 0.00	24.24 1.24 0.00
NEG_PENN_ALLEGHNY 23528	18.65 0.38 0.00	18.50 0.38 0.00	22.09 0.51 0.00	17.59 0.40 0.00	20.05 0.50 0.00	22.26 0.62 0.00	19.76 0.54 0.00	18.20 0.49 0.00	18.63 0.51 0.00	26.25 0.70 0.00	29.83 0.82 0.00	50.38 1.20 0.00	35.59 0.91 0.00	31.71 0.92 0.00	34.58 0.97 0.00	31.57 0.93 0.00	35.32 0.97 0.00	36.16 0.92 0.00	28.35 0.76 0.00	32.51 0.81 0.00	32.96 0.88 0.00	29.95 0.79 0.00	30.53 0.71 0.00	23.58 0.58 0.00
NEG___GEN_MONROE 24207	18.72 0.45 0.00	18.55 0.43 0.00	22.13 0.55 0.00	17.71 0.52 0.00	20.32 0.78 0.00	22.61 0.98 0.00	19.98 0.77 0.00	18.17 0.45 0.00	18.59 0.46 0.00	26.12 0.57 0.00	29.68 0.66 0.00	49.99 0.80 0.00	35.32 0.63 0.00	31.40 0.60 0.00	34.17 0.56 0.00	31.14 0.50 0.00	34.89 0.52 0.00	35.55 0.31 0.00	27.97 0.38 0.00	32.06 0.36 0.00	32.57 0.48 0.00	29.64 0.50 0.00	30.51 0.69 0.00	23.81 0.81 0.00
NEPA___ENERGY 23901	18.90 0.63 0.00	18.70 0.58 0.00	22.32 0.75 0.00	17.84 0.65 0.00	20.49 0.94 0.00	22.83 1.19 0.00	20.15 0.94 0.00	18.42 0.71 0.00	18.80 0.67 0.00	26.56 1.01 0.00	30.14 1.13 0.00	50.41 1.23 0.00	35.80 1.11 0.00	31.93 1.14 0.00	34.76 1.15 0.00	31.81 1.17 0.00	35.55 1.19 0.00	36.16 0.92 0.00	28.37 0.78 0.00	32.60 0.90 0.00	33.19 1.11 0.00	30.27 1.12 0.00	30.87 1.06 0.00	24.07 1.07 0.00
NEVERSINK___HYD 23608	18.91 0.64 0.00	18.75 0.64 0.00	22.31 0.73 0.00	17.76 0.57 0.00	20.14 0.59 0.00	22.37 0.73 0.00	20.00 0.79 0.00	18.53 0.82 0.00	18.99 0.87 0.00	26.73 1.18 0.00	30.40 1.39 0.00	51.64 2.46 0.00	36.41 1.73 0.00	32.41 1.62 0.00	35.41 1.80 0.00	32.21 1.57 0.00	36.15 1.79 0.00	37.23 1.99 0.00	29.25 1.66 0.00	33.43 1.73 0.00	33.80 1.72 0.00	30.67 1.51 0.00	31.22 1.40 0.00	23.90 0.90 0.00
NEWKRMKL_115KV_TB1 55635	18.54 0.28 0.00	18.38 0.26 0.00	21.84 0.26 0.00	17.42 0.23 0.00	19.77 0.21 0.00	21.94 0.30 0.00	19.53 0.32 0.00	18.13 0.42 0.00	18.59 0.47 0.00	26.27 0.72 0.00	29.87 0.86 0.00	50.84 1.66 0.00	35.79 1.10 0.00	31.79 1.00 0.00	34.73 1.12 0.00	31.66 1.02 0.00	35.47 1.12 0.00	36.49 1.25 0.00	28.68 1.08 0.00	32.83 1.13 0.00	33.11 1.03 0.00	30.06 0.91 0.00	30.69 0.87 0.00	23.40 0.40 0.00
NEWTON___FALLS_HYD 23847	18.25 -0.02 0.00	18.03 -0.09 0.00	21.51 -0.07 0.00	17.11 -0.08 0.00	19.43 -0.12 0.00	21.33 -0.31 0.00	19.01 -0.21 0.00	17.53 -0.18 0.00	17.95 -0.17 0.00	25.36 -0.19 0.00	39.57 -0.21 -10.77	48.96 -0.22 0.00	34.47 -0.22 0.00	30.57 -0.23 0.00	33.37 -0.24 0.00	30.48 -0.16 0.00	34.25 -0.11 0.00	35.17 -0.07 0.00	27.53 -0.06 0.00	31.66 -0.04 0.00	32.03 -0.05 0.00	29.11 -0.04 0.00	29.90 0.08 0.00	23.02 0.02 0.00
NGRID_A1_DSASP 323792	18.17 -0.09 0.00	18.01 -0.11 0.00	21.53 -0.05 0.00	17.28 0.09 0.00	19.89 0.34 0.00	22.13 0.49 0.00	19.46 0.25 0.00	17.61 -0.10 0.00	18.04 -0.09 0.00	25.37 -0.18 0.00	28.80 -0.21 0.00	48.21 -0.98 0.00	34.20 -0.48 0.00	30.34 -0.46 0.00	33.02 -0.60 0.00	30.10 -0.54 0.00	33.70 -0.66 0.00	34.13 -1.11 0.00	26.90 -0.69 0.00	30.84 -0.86 0.00	31.44 -0.64 0.00	28.76 -0.39 0.00	29.65 -0.17 0.00	23.24 0.24 0.00
NGRID_A2_DSASP 323793	18.17 -0.09 0.00	18.01 -0.11 0.00	21.53 -0.05 0.00	17.28 0.09 0.00	19.89 0.34 0.00	22.13 0.49 0.00	19.46 0.25 0.00	17.61 -0.10 0.00	18.04 -0.09 0.00	25.37 -0.18 0.00	28.80 -0.21 0.00	48.21 -0.98 0.00	34.20 -0.48 0.00	30.34 -0.46 0.00	33.02 -0.60 0.00	30.10 -0.54 0.00	33.70 -0.66 0.00	34.13 -1.11 0.00	26.90 -0.69 0.00	30.84 -0.86 0.00	31.44 -0.64 0.00	28.76 -0.39 0.00	29.65 -0.17 0.00	23.24 0.24 0.00

NGRID_A4_DSASP 323807	18.17 -0.09 0.00	18.01 -0.11 0.00	21.53 -0.05 0.00	17.28 0.09 0.00	19.89 0.34 0.00	22.13 0.49 0.00	19.46 0.25 0.00	17.61 -0.10 0.00	18.04 -0.09 0.00	25.37 -0.18 0.00	28.80 -0.21 0.00	48.21 -0.98 0.00	34.20 -0.48 0.00	30.34 -0.46 0.00	33.02 -0.60 0.00	30.10 -0.54 0.00	33.70 -0.66 0.00	34.13 -1.11 0.00	26.90 -0.69 0.00	30.84 -0.86 0.00	31.44 -0.64 0.00	28.76 -0.39 0.00	29.65 -0.17 0.00	23.24 0.24 0.00
NIAGARA_115E_LBMP 323715	18.24 -0.03 0.00	18.06 -0.05 0.00	21.59 0.02 0.00	17.33 0.14 0.00	19.96 0.42 0.00	22.23 0.59 0.00	19.52 0.31 0.00	17.63 -0.09 0.00	17.98 -0.14 0.00	25.30 -0.25 0.00	28.74 -0.27 0.00	48.07 -1.11 0.00	34.13 -0.55 0.00	30.30 -0.49 0.00	32.96 -0.65 0.00	30.06 -0.58 0.00	33.65 -0.71 0.00	34.07 -1.18 0.00	26.87 -0.73 0.00	30.80 -0.90 0.00	31.41 -0.67 0.00	28.74 -0.41 0.00	29.61 -0.20 0.00	23.22 0.22 0.00
NIAGARA_115W_LBMP 323714	18.14 -0.13 0.00	17.97 -0.15 0.00	21.48 -0.09 0.00	17.24 0.05 0.00	19.84 0.29 0.00	22.08 0.44 0.00	19.42 0.21 0.00	17.58 -0.13 0.00	18.00 -0.13 0.00	25.31 -0.24 0.00	28.74 -0.27 0.00	48.10 -1.09 0.00	34.13 -0.56 0.00	30.27 -0.52 0.00	32.95 -0.66 0.00	30.04 -0.60 0.00	33.63 -0.73 0.00	34.05 -1.19 0.00	26.84 -0.76 0.00	30.77 -0.93 0.00	31.37 -0.71 0.00	28.70 -0.45 0.00	29.59 -0.23 0.00	23.20 0.20 0.00
NIAGARA_230_LBMP 323716	18.28 0.01 0.00	18.11 -0.01 0.00	21.64 0.06 0.00	17.36 0.17 0.00	19.98 0.43 0.00	22.23 0.59 0.00	19.55 0.34 0.00	17.72 0.01 0.00	18.14 0.02 0.00	25.51 -0.04 0.00	28.94 -0.07 0.00	48.51 -0.68 0.00	34.38 -0.31 0.00	30.50 -0.29 0.00	33.20 -0.41 0.00	30.27 -0.38 0.00	33.90 -0.46 0.00	34.36 -0.88 0.00	27.06 -0.54 0.00	31.03 -0.67 0.00	31.62 -0.47 0.00	28.91 -0.24 0.00	29.78 -0.03 0.00	23.35 0.35 0.00
NIAGARA__115KV_198_GIBSON 55903	18.13 -0.13 0.00	17.97 -0.15 0.00	21.48 -0.09 0.00	17.24 0.05 0.00	19.84 0.29 0.00	22.08 0.44 0.00	19.42 0.21 0.00	17.57 -0.14 0.00	17.99 -0.14 0.00	25.31 -0.24 0.00	28.74 -0.28 0.00	48.09 -1.09 0.00	34.13 -0.56 0.00	30.27 -0.52 0.00	32.95 -0.66 0.00	30.04 -0.60 0.00	33.63 -0.73 0.00	34.05 -1.19 0.00	26.84 -0.76 0.00	30.77 -0.93 0.00	31.37 -0.71 0.00	28.70 -0.45 0.00	29.59 -0.23 0.00	23.20 0.20 0.00
NIAGARA____ 23760	18.28 0.01 0.00	18.11 -0.01 0.00	21.64 0.06 0.00	17.36 0.17 0.00	19.98 0.43 0.00	22.23 0.59 0.00	19.55 0.34 0.00	17.72 0.01 0.00	18.14 0.02 0.00	25.51 -0.04 0.00	28.94 -0.07 0.00	48.51 -0.68 0.00	34.38 -0.31 0.00	30.50 -0.29 0.00	33.20 -0.41 0.00	30.27 -0.38 0.00	33.90 -0.46 0.00	34.36 -0.88 0.00	27.06 -0.54 0.00	31.03 -0.67 0.00	31.62 -0.47 0.00	28.91 -0.24 0.00	29.78 -0.03 0.00	23.35 0.35 0.00
NINE_MILE_1 23575	17.86 -0.40 0.00	17.72 -0.40 0.00	21.11 -0.46 0.00	16.83 -0.36 0.00	19.17 -0.38 0.00	21.23 -0.41 0.00	18.77 -0.44 0.00	17.23 -0.48 0.00	17.62 -0.50 0.00	24.79 -0.76 0.00	28.12 -0.89 0.00	47.57 -1.62 0.00	33.59 -1.09 0.00	29.84 -0.95 0.00	32.57 -1.05 0.00	29.68 -0.96 0.00	33.27 -1.09 0.00	34.10 -1.14 0.00	26.74 -0.85 0.00	30.66 -1.04 0.00	31.05 -1.03 0.00	28.23 -0.92 0.00	28.94 -0.88 0.00	22.49 -0.50 0.00
NINE_MILE_2 23744	17.87 -0.40 0.00	17.72 -0.40 0.00	21.12 -0.46 0.00	16.83 -0.36 0.00	19.17 -0.38 0.00	21.23 -0.41 0.00	18.77 -0.44 0.00	17.23 -0.48 0.00	17.62 -0.50 0.00	24.79 -0.76 0.00	28.12 -0.89 0.00	47.57 -1.62 0.00	33.59 -1.09 0.00	29.84 -0.95 0.00	32.56 -1.05 0.00	29.68 -0.96 0.00	33.27 -1.09 0.00	34.10 -1.14 0.00	26.74 -0.86 0.00	30.66 -1.04 0.00	31.05 -1.03 0.00	28.23 -0.93 0.00	28.94 -0.88 0.00	22.49 -0.50 0.00
NM_CAPITAL____DRP 24208	18.56 0.29 0.00	18.41 0.29 0.00	21.86 0.29 0.00	17.44 0.25 0.00	19.79 0.23 0.00	21.96 0.32 0.00	19.55 0.34 0.00	18.16 0.44 0.00	18.61 0.49 0.00	26.30 0.75 0.00	29.90 0.89 0.00	50.91 1.73 0.00	35.83 1.14 0.00	31.82 1.03 0.00	34.76 1.15 0.00	31.70 1.06 0.00	35.50 1.14 0.00	36.52 1.28 0.00	28.70 1.11 0.00	32.87 1.17 0.00	33.14 1.06 0.00	30.10 0.94 0.00	30.73 0.92 0.00	23.46 0.46 0.00
NM_CENTRAL____DRP 24181	18.26 -0.01 0.00	18.11 0.00 0.00	21.59 0.01 0.00	17.20 0.01 0.00	19.60 0.05 0.00	21.74 0.10 0.00	19.23 0.02 0.00	17.66 -0.05 0.00	18.05 -0.07 0.00	25.39 -0.16 0.00	28.83 -0.18 0.00	48.79 -0.40 0.00	34.48 -0.20 0.00	30.65 -0.14 0.00	33.45 -0.16 0.00	30.50 -0.13 0.00	34.19 -0.17 0.00	35.03 -0.21 0.00	27.48 -0.11 0.00	31.50 -0.20 0.00	31.90 -0.18 0.00	28.99 -0.16 0.00	29.67 -0.15 0.00	23.02 0.02 0.00
NM_FRONTIER____DRP 24179	18.13 -0.13 0.00	17.97 -0.15 0.00	21.48 -0.09 0.00	17.24 0.05 0.00	19.84 0.29 0.00	22.08 0.44 0.00	19.42 0.21 0.00	17.57 -0.14 0.00	17.99 -0.14 0.00	25.31 -0.24 0.00	28.74 -0.28 0.00	48.09 -1.09 0.00	34.13 -0.56 0.00	30.27 -0.52 0.00	32.95 -0.66 0.00	30.04 -0.60 0.00	33.63 -0.73 0.00	34.05 -1.19 0.00	26.84 -0.76 0.00	30.77 -0.93 0.00	31.37 -0.71 0.00	28.70 -0.45 0.00	29.59 -0.23 0.00	23.20 0.20 0.00
NM_ST_REGIS____HYD 24053	18.43 0.16 0.00	18.25 0.13 0.00	21.71 0.14 0.00	17.30 0.11 0.00	19.62 0.07 0.00	21.42 -0.21 0.00	19.07 -0.14 0.00	17.55 -0.16 0.00	17.96 -0.16 0.00	25.41 -0.14 0.00	54.40 -0.12 -25.51	49.03 -0.16 0.00	34.44 -0.24 0.00	30.46 -0.34 0.00	33.25 -0.37 0.00	30.39 -0.25 0.00	34.17 -0.19 0.00	35.02 -0.22 0.00	27.38 -0.22 0.00	31.56 -0.14 0.00	31.93 -0.15 0.00	29.09 -0.06 0.00	29.92 0.10 0.00	23.04 0.04 0.00
NORTHPORT____1 23551	19.28 1.02 0.00	19.07 0.96 0.00	22.68 1.10 0.00	18.14 0.96 0.00	20.48 0.93 0.00	22.72 1.08 0.00	20.37 1.16 0.00	18.93 1.22 0.00	19.41 1.28 0.00	27.40 1.85 0.00	33.77 2.17 -2.59	52.80 3.62 0.00	37.18 2.50 0.00	33.02 2.23 0.00	36.26 2.65 0.00	32.96 2.32 0.00	39.18 2.81 -2.01	45.92 3.03 -7.65	34.83 2.45 -4.78	34.21 2.51 0.00	34.47 2.39 0.00	31.32 2.16 0.00	32.00 2.18 0.00	24.40 1.40 0.00
NORTHPORT____2 23552	19.28 1.02 0.00	19.07 0.96 0.00	22.68 1.10 0.00	18.14 0.96 0.00	20.48 0.93 0.00	22.72 1.08 0.00	20.37 1.16 0.00	18.93 1.22 0.00	19.41 1.28 0.00	27.40 1.85 0.00	33.77 2.17 -2.59	52.80 3.62 0.00	37.18 2.50 0.00	33.02 2.23 0.00	36.26 2.65 0.00	32.96 2.32 0.00	39.18 2.81 -2.01	45.92 3.03 -7.65	34.83 2.45 -4.78	34.21 2.51 0.00	34.47 2.39 0.00	31.32 2.16 0.00	32.00 2.18 0.00	24.40 1.40 0.00
NORTHPORT____3 23553	19.12 0.85 0.00	18.91 0.80 0.00	22.49 0.92 0.00	17.99 0.80 0.00	20.30 0.76 0.00	22.55 0.88 -0.03	20.20 0.99 0.00	18.77 1.06 0.00	19.24 1.12 0.00	27.16 1.61 0.00	33.51 1.92 -2.59	52.38 3.20 0.00	36.88 2.20 0.00	32.76 1.97 0.00	35.97 2.36 0.00	32.69 2.05 0.00	38.87 2.50 -2.01	45.61 2.72 -7.65	34.58 2.21 -4.78	33.92 2.22 0.00	34.18 2.10 0.00	31.06 1.91 0.00	31.73 1.91 0.00	24.20 1.20 0.00

NORTHPORT___4 23650	19.12 0.85 0.00	18.91 0.80 0.00	22.49 0.92 0.00	17.99 0.80 0.00	20.30 0.76 0.00	22.55 0.88 -0.03	20.20 0.99 0.00	18.77 1.06 0.00	19.24 1.12 0.00	27.16 1.61 0.00	33.51 1.92 -2.59	52.38 3.20 0.00	36.88 2.20 0.00	32.76 1.97 0.00	35.97 2.36 0.00	32.69 2.05 0.00	38.87 2.50 -2.01	45.61 2.72 -7.65	34.58 2.21 -4.78	33.92 2.22 0.00	34.18 2.10 0.00	31.06 1.91 0.00	31.73 1.91 0.00	24.20 1.20 0.00
NORTHPORT___IC 23718	19.28 1.02 0.00	19.07 0.96 0.00	22.68 1.10 0.00	18.14 0.96 0.00	20.48 0.93 0.00	22.72 1.08 0.00	20.37 1.16 0.00	18.93 1.22 0.00	19.41 1.28 0.00	27.40 1.85 0.00	33.77 2.17 -2.59	52.80 3.62 0.00	37.18 2.50 0.00	33.02 2.23 0.00	36.26 2.65 0.00	32.96 2.32 0.00	39.18 2.81 -2.01	45.92 3.03 -7.65	34.83 2.45 -4.78	34.21 2.51 0.00	34.47 2.39 0.00	31.32 2.16 0.00	32.00 2.18 0.00	24.40 1.40 0.00
NORTH___COUNTRY_ESR 323785	18.65 0.38 0.00	18.55 0.43 0.00	22.01 0.43 0.00	17.56 0.38 0.00	20.03 0.48 0.00	22.09 0.45 0.00	19.62 0.41 0.00	18.12 0.40 0.00	18.56 0.44 0.00	26.24 0.69 0.00	108.87 0.99 -78.86	50.41 1.22 0.00	35.47 0.78 0.00	31.38 0.58 0.00	34.23 0.62 0.00	31.29 0.64 0.00	35.13 0.77 0.00	36.00 0.76 0.00	28.13 0.53 0.00	32.41 0.71 0.00	32.75 0.66 0.00	29.67 0.52 0.00	30.21 0.39 0.00	23.18 0.18 0.00
NPX_GEN_1385_PROXY 323591	19.28 1.02 0.00	19.07 0.96 0.00	22.68 1.10 0.00	18.14 0.96 0.00	20.48 0.93 0.00	22.72 1.08 0.00	20.37 1.16 0.00	18.93 1.22 0.00	19.41 1.28 0.00	27.40 1.85 0.00	33.77 2.17 -2.59	52.80 3.62 0.00	37.18 2.50 0.00	33.02 2.23 0.00	36.26 2.65 0.00	32.96 2.32 0.00	39.18 2.81 -2.01	45.92 3.03 -7.65	34.83 2.45 -4.78	34.21 2.51 0.00	34.47 2.39 0.00	31.32 2.16 0.00	32.00 2.18 0.00	24.40 1.40 0.00
NPX_GEN_CSC 323557	19.21 0.94 0.00	18.97 0.85 0.00	22.49 0.91 0.00	18.15 0.96 0.00	20.29 0.74 0.00	21.67 0.76 0.73	20.13 0.91 0.00	18.77 1.06 0.00	19.42 1.29 0.00	27.40 1.85 0.00	33.56 1.97 -2.59	52.44 3.25 0.00	36.95 2.27 0.00	32.72 1.93 0.00	36.07 2.46 0.00	32.85 2.21 0.00	39.55 3.18 -2.01	46.17 3.28 -7.65	34.95 2.57 -4.78	34.39 2.69 0.00	34.31 2.22 0.00	31.23 2.08 0.00	31.90 2.08 0.00	24.17 1.17 0.00
NSINS_S_GLNS_FALLS 23858	19.10 0.84 0.00	18.95 0.83 0.00	22.43 0.86 0.00	17.88 0.69 0.00	20.31 0.76 0.00	22.60 0.97 0.00	20.09 0.88 0.00	18.74 1.02 0.00	19.30 1.18 0.00	27.43 1.89 0.00	31.22 2.21 0.00	52.92 3.73 0.00	37.21 2.52 0.00	33.01 2.21 0.00	36.03 2.42 0.00	32.93 2.29 0.00	36.88 2.52 0.00	37.91 2.67 0.00	29.82 2.23 0.00	34.15 2.45 0.00	34.39 2.31 0.00	31.12 1.97 0.00	31.80 1.99 0.00	24.27 1.27 0.00
NUCOR_STEEL___DRP 24197	18.58 0.31 0.00	18.51 0.39 0.00	21.98 0.40 0.00	17.58 0.39 0.00	20.06 0.52 0.00	22.19 0.55 0.00	19.70 0.49 0.00	18.10 0.39 0.00	18.46 0.33 0.00	26.06 0.51 0.00	29.51 0.50 0.00	49.86 0.67 0.00	35.43 0.74 0.00	31.36 0.57 0.00	34.31 0.70 0.00	31.22 0.58 0.00	35.12 0.76 0.00	36.00 0.76 0.00	28.26 0.66 0.00	32.21 0.51 0.00	32.62 0.54 0.00	29.77 0.62 0.00	30.29 0.47 0.00	23.55 0.56 0.00
NUMBER_THREE_WT_PWR 323818	18.40 0.13 0.00	18.15 0.03 0.00	21.70 0.12 0.00	17.25 0.06 0.00	19.63 0.08 0.00	21.73 0.09 0.00	19.38 0.17 0.00	17.94 0.23 0.00	18.38 0.26 0.00	25.96 0.42 0.00	34.35 0.54 -4.80	50.13 0.94 0.00	35.33 0.65 0.00	31.40 0.60 0.00	34.26 0.65 0.00	31.30 0.65 0.00	35.13 0.77 0.00	36.12 0.88 0.00	28.31 0.71 0.00	32.48 0.78 0.00	32.85 0.77 0.00	29.75 0.59 0.00	30.40 0.58 0.00	23.37 0.37 0.00
NYISO_LBMP_REFERENCE 24008	18.27 0.00 0.00	18.12 0.00 0.00	21.58 0.00 0.00	17.19 0.00 0.00	19.55 0.00 0.00	21.64 0.00 0.00	19.21 0.00 0.00	17.71 0.00 0.00	18.12 0.00 0.00	25.55 0.00 0.00	29.01 0.00 0.00	49.18 0.00 0.00	34.68 0.00 0.00	30.79 0.00 0.00	33.61 0.00 0.00	30.64 0.00 0.00	34.36 0.00 0.00	35.24 0.00 0.00	27.59 0.00 0.00	31.70 0.00 0.00	32.08 0.00 0.00	29.15 0.00 0.00	29.82 0.00 0.00	23.00 0.00 0.00
NYPA_BRENTWD___GT 24164	19.41 1.15 0.00	19.18 1.07 0.00	22.78 1.21 0.00	18.25 1.06 0.00	20.56 1.01 0.00	22.74 1.17 0.07	20.46 1.25 0.00	19.02 1.31 0.00	19.54 1.42 0.00	27.59 2.04 0.00	33.98 2.39 -2.59	53.16 3.97 0.00	37.45 2.77 0.00	33.23 2.43 0.00	36.52 2.91 0.00	33.21 2.57 0.00	39.55 3.18 -2.01	46.31 3.42 -7.65	35.13 2.76 -4.78	34.54 2.84 0.00	34.74 2.66 0.00	31.57 2.42 0.00	32.26 2.44 0.00	24.53 1.54 0.00
NYPA_GOWANUS___GT5 24156	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.60 1.92 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.30 1.95 0.01	37.41 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NYPA_GOWANUS___GT6 24157	562.95 0.78 -543.90	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.12 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.95 2.77 0.01	36.60 1.92 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.44 1.80 0.00	36.30 1.95 0.01	37.41 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.07 1.99 0.00	30.94 1.79 0.00	31.58 1.76 0.00	24.19 1.19 0.00
NYPA_HARLEM__RVR_GT1 24160	562.80 0.63 -543.90	32.13 0.71 -13.31	22.46 0.88 0.00	17.86 0.67 0.00	20.20 0.66 0.00	22.39 0.75 0.00	20.12 0.91 0.00	18.66 0.94 0.00	28.16 0.89 -9.14	133.54 1.23 -106.77	33.12 1.53 -2.58	51.77 2.60 0.01	36.50 1.82 0.00	32.51 1.72 0.00	35.56 1.95 0.00	32.32 1.68 0.00	36.25 1.89 0.01	37.31 2.07 0.00	29.30 1.71 0.00	33.42 1.72 0.00	33.88 1.80 0.00	30.77 1.62 0.00	31.44 1.62 0.00	24.06 1.06 0.00
NYPA_HARLEM__RVR_GT2 24161	562.80 0.63 -543.90	32.13 0.71 -13.31	22.46 0.88 0.00	17.86 0.67 0.00	20.20 0.66 0.00	22.39 0.75 0.00	20.12 0.91 0.00	18.66 0.94 0.00	28.16 0.89 -9.14	133.54 1.23 -106.77	33.12 1.53 -2.58	51.77 2.60 0.01	36.50 1.82 0.00	32.51 1.72 0.00	35.56 1.95 0.00	32.32 1.68 0.00	36.25 1.89 0.01	37.31 2.07 0.00	29.30 1.71 0.00	33.42 1.72 0.00	33.88 1.80 0.00	30.77 1.62 0.00	31.44 1.62 0.00	24.06 1.06 0.00
NYPA_KENT___GT 24152	562.92 0.75 -543.90	32.25 0.82 -13.31	22.60 1.03 0.00	17.98 0.79 0.00	20.36 0.81 0.00	22.58 0.94 0.00	20.26 1.05 0.00	18.79 1.08 0.00	28.31 1.04 -9.14	133.71 1.40 -106.77	33.23 1.64 -2.58	51.95 2.77 0.01	36.61 1.93 0.00	32.63 1.83 0.00	35.70 2.08 0.00	32.43 1.79 0.00	36.31 1.96 0.01	37.39 2.15 0.00	29.39 1.80 0.00	33.51 1.82 0.00	34.02 1.94 0.00	30.91 1.76 0.00	31.55 1.73 0.00	24.16 1.16 0.00

NYPA_POUCH1____GT 24155	562.97 0.80 -543.90	32.32 0.89 -13.31	22.68 1.11 0.00	18.05 0.86 0.00	20.44 0.89 0.00	22.67 1.03 0.00	20.34 1.13 0.00	18.86 1.14 0.00	28.37 1.10 -9.14	133.74 1.47 -106.72	33.25 1.68 -2.56	51.99 2.82 0.01	36.60 1.92 0.00	32.66 1.87 0.00	35.74 2.13 0.00	32.47 1.83 0.00	36.30 1.95 0.01	37.41 2.18 0.00	29.43 1.84 0.00	33.55 1.85 0.00	34.10 2.02 0.00	30.99 1.84 0.00	31.61 1.79 0.00	24.22 1.23 0.00
NYPA_VERNON____GT2 24162	562.88 0.71 -543.90	32.20 0.77 -13.31	22.54 0.96 0.00	17.94 0.75 0.00	20.30 0.76 0.00	22.53 0.89 0.00	20.22 1.01 0.00	18.75 1.04 0.00	28.27 1.00 -9.14	133.67 1.36 -106.77	33.23 1.64 -2.58	51.95 2.77 0.01	36.62 1.94 0.00	32.62 1.83 0.00	35.69 2.08 0.00	32.42 1.78 0.00	36.34 1.98 0.01	37.40 2.16 0.00	29.38 1.79 0.00	33.51 1.81 0.00	33.98 1.90 0.00	30.88 1.73 0.00	31.53 1.72 0.00	24.14 1.14 0.00
NYPA_VERNON____GT3 24163	562.88 0.71 -543.90	32.20 0.77 -13.31	22.54 0.96 0.00	17.94 0.75 0.00	20.30 0.76 0.00	22.53 0.89 0.00	20.22 1.01 0.00	18.75 1.04 0.00	28.27 1.00 -9.14	133.67 1.36 -106.77	33.23 1.64 -2.58	51.95 2.77 0.01	36.62 1.94 0.00	32.62 1.83 0.00	35.69 2.08 0.00	32.42 1.78 0.00	36.34 1.98 0.01	37.40 2.16 0.00	29.38 1.79 0.00	33.51 1.81 0.00	33.98 1.90 0.00	30.88 1.73 0.00	31.53 1.72 0.00	24.14 1.14 0.00
NYPA____ASTORIA_CC1 323568	562.84 0.68 -543.90	32.16 0.74 -13.31	22.51 0.94 0.00	17.92 0.73 0.00	20.28 0.73 0.00	22.49 0.85 0.00	20.19 0.97 0.00	18.73 1.02 0.00	28.24 0.97 -9.14	133.63 1.31 -106.77	33.19 1.60 -2.58	51.86 2.69 0.01	36.58 1.89 0.00	32.59 1.79 0.00	35.64 2.02 0.00	32.38 1.74 0.00	36.28 1.93 0.01	37.34 2.11 0.00	29.34 1.74 0.00	33.46 1.77 0.00	33.93 1.84 0.00	30.84 1.69 0.00	31.50 1.68 0.00	24.11 1.11 0.00
NYPA____ASTORIA_CC2 323569	562.84 0.68 -543.90	32.16 0.74 -13.31	22.51 0.94 0.00	17.92 0.73 0.00	20.28 0.73 0.00	22.49 0.85 0.00	20.19 0.97 0.00	18.73 1.02 0.00	28.24 0.97 -9.14	133.63 1.31 -106.77	33.19 1.60 -2.58	51.86 2.69 0.01	36.58 1.89 0.00	32.59 1.79 0.00	35.64 2.02 0.00	32.38 1.74 0.00	36.28 1.93 0.01	37.34 2.11 0.00	29.34 1.74 0.00	33.46 1.77 0.00	33.93 1.84 0.00	30.84 1.69 0.00	31.50 1.68 0.00	24.11 1.11 0.00
NYPA____HOLTSVILL 23794	19.24 0.97 0.00	19.01 0.89 0.00	22.51 0.93 0.00	18.11 0.93 0.00	20.30 0.75 0.00	21.77 0.86 0.73	20.21 1.00 0.00	18.81 1.10 0.00	19.39 1.26 0.00	27.36 1.81 0.00	33.65 2.06 -2.59	52.56 3.38 0.00	37.05 2.37 0.00	32.81 2.02 0.00	36.11 2.50 0.00	32.86 2.22 0.00	39.39 3.02 -2.01	46.08 3.19 -7.65	34.93 2.55 -4.78	34.32 2.62 0.00	34.37 2.29 0.00	31.30 2.15 0.00	32.01 2.19 0.00	24.24 1.24 0.00
NYPA____HELLGATE_GT1 24158	562.79 0.62 -543.90	32.10 0.69 -13.29	22.45 0.88 0.00	17.86 0.67 0.00	20.20 0.66 0.00	22.39 0.75 0.00	20.12 0.91 0.00	18.66 0.94 0.00	28.16 0.89 -9.14	133.53 1.22 -106.77	33.12 1.52 -2.58	51.77 2.59 0.01	36.46 1.79 0.01	32.50 1.71 0.01	35.56 1.95 0.00	32.32 1.67 0.00	36.22 1.87 0.01	37.28 2.04 0.00	29.28 1.69 0.00	33.39 1.69 0.00	33.86 1.77 0.00	30.77 1.61 0.00	31.42 1.60 0.00	24.06 1.06 0.00
NYPA____HELLGATE_GT2 24159	562.79 0.62 -543.90	32.10 0.69 -13.29	22.45 0.88 0.00	17.86 0.67 0.00	20.20 0.66 0.00	22.39 0.75 0.00	20.12 0.91 0.00	18.66 0.94 0.00	28.16 0.89 -9.14	133.53 1.22 -106.77	33.12 1.52 -2.58	51.77 2.59 0.01	36.46 1.79 0.01	32.50 1.71 0.01	35.56 1.95 0.00	32.32 1.67 0.00	36.22 1.87 0.01	37.28 2.04 0.00	29.28 1.69 0.00	33.39 1.69 0.00	33.86 1.77 0.00	30.77 1.61 0.00	31.42 1.60 0.00	24.06 1.06 0.00
NYS_BARGE____HYD 23848	18.49 0.22 0.00	18.30 0.18 0.00	21.87 0.30 0.00	17.55 0.36 0.00	20.20 0.65 0.00	22.49 0.85 0.00	19.77 0.56 0.00	17.88 0.17 0.00	18.28 0.16 0.00	25.73 0.18 0.00	29.23 0.22 0.00	48.93 -0.26 0.00	34.72 0.04 0.00	30.82 0.03 0.00	33.55 -0.06 0.00	30.60 -0.04 0.00	34.27 -0.09 0.00	34.73 -0.51 0.00	27.38 -0.21 0.00	31.39 -0.31 0.00	32.00 -0.09 0.00	29.24 0.09 0.00	30.09 0.27 0.00	23.57 0.58 0.00
OAK ORCHARD____HYD 24046	18.45 0.18 0.00	18.28 0.16 0.00	21.81 0.23 0.00	17.44 0.25 0.00	19.98 0.43 0.00	22.22 0.58 0.00	19.61 0.40 0.00	17.91 0.20 0.00	18.35 0.23 0.00	25.83 0.28 0.00	29.34 0.33 0.00	49.40 0.22 0.00	34.96 0.28 0.00	31.04 0.24 0.00	33.83 0.22 0.00	30.84 0.20 0.00	34.59 0.23 0.00	35.27 0.03 0.00	27.73 0.14 0.00	31.79 0.09 0.00	32.27 0.19 0.00	29.37 0.22 0.00	30.13 0.31 0.00	23.48 0.48 0.00
OAKDALE__35_KV_LOAD 356122	18.60 0.33 0.00	18.45 0.33 0.00	22.02 0.44 0.00	17.54 0.35 0.00	19.99 0.44 0.00	22.21 0.57 0.00	19.69 0.48 0.00	18.13 0.42 0.00	18.56 0.44 0.00	26.15 0.60 0.00	29.71 0.71 0.00	50.18 0.99 0.00	35.44 0.76 0.00	31.56 0.77 0.00	34.43 0.82 0.00	31.43 0.79 0.00	35.17 0.81 0.00	36.01 0.77 0.00	28.22 0.63 0.00	32.37 0.66 0.00	32.82 0.74 0.00	29.83 0.67 0.00	30.41 0.60 0.00	23.50 0.51 0.00
OCC_CHEM____DRP 24175	18.17 -0.10 0.00	18.01 -0.11 0.00	21.53 -0.05 0.00	17.28 0.09 0.00	19.89 0.34 0.00	22.13 0.49 0.00	19.46 0.25 0.00	17.61 -0.11 0.00	18.03 -0.10 0.00	25.36 -0.18 0.00	28.80 -0.21 0.00	48.21 -0.98 0.00	34.20 -0.48 0.00	30.34 -0.46 0.00	33.02 -0.60 0.00	30.10 -0.54 0.00	33.70 -0.66 0.00	34.13 -1.11 0.00	26.90 -0.70 0.00	30.84 -0.86 0.00	31.45 -0.64 0.00	28.77 -0.39 0.00	29.65 -0.17 0.00	23.24 0.24 0.00
OH_GEN_PROXY 24063	38.00 0.02 -19.71	33.67 0.00 -15.55	21.65 0.08 0.00	17.37 0.18 0.00	19.98 0.43 0.00	22.24 0.60 0.00	19.57 0.36 0.00	17.76 0.04 0.00	18.18 0.05 0.00	25.56 0.02 0.00	29.00 0.00 0.00	48.63 -0.56 0.00	34.46 -0.22 0.00	30.57 -0.23 0.00	58.39 -0.33 -25.11	30.33 -0.31 0.00	33.97 -0.39 0.00	34.45 -0.79 0.00	27.13 -0.46 0.00	31.12 -0.58 0.00	31.69 -0.40 0.00	28.96 -0.19 0.00	29.82 0.01 0.00	23.35 0.35 0.00
OLIN_CORP_DRP 24177	18.25 -0.01 0.00	18.09 -0.03 0.00	21.62 0.05 0.00	17.35 0.16 0.00	19.98 0.44 0.00	22.25 0.61 0.00	19.54 0.33 0.00	17.65 -0.07 0.00	18.01 -0.11 0.00	25.36 -0.19 0.00	28.80 -0.21 0.00	48.18 -1.01 0.00	34.20 -0.48 0.00	30.36 -0.43 0.00	33.03 -0.59 0.00	30.12 -0.52 0.00	33.72 -0.64 0.00	34.15 -1.09 0.00	26.92 -0.67 0.00	30.87 -0.83 0.00	31.47 -0.61 0.00	28.80 -0.35 0.00	29.67 -0.15 0.00	23.25 0.26 0.00
OLIN_CORP_DSASP 323712	18.17 -0.09 0.00	18.01 -0.11 0.00	21.53 -0.05 0.00	17.28 0.09 0.00	19.89 0.34 0.00	22.13 0.49 0.00	19.46 0.25 0.00	17.61 -0.10 0.00	18.04 -0.09 0.00	25.37 -0.18 0.00	28.80 -0.21 0.00	48.21 -0.98 0.00	34.20 -0.48 0.00	30.34 -0.46 0.00	33.02 -0.60 0.00	30.10 -0.54 0.00	33.70 -0.66 0.00	34.13 -1.11 0.00	26.90 -0.69 0.00	30.84 -0.86 0.00	31.44 -0.64 0.00	28.76 -0.39 0.00	29.65 -0.17 0.00	23.24 0.24 0.00

ONEIDA_HERK_LFGE 323681	18.56 0.29 0.00	18.36 0.24 0.00	21.91 0.33 0.00	17.43 0.24 0.00	19.84 0.28 0.00	21.99 0.35 0.00	19.57 0.36 0.00	18.10 0.38 0.00	18.55 0.42 0.00	26.19 0.64 0.00	32.10 0.76 -2.33	50.50 1.32 0.00	35.62 0.93 0.00	31.64 0.85 0.00	34.51 0.90 0.00	31.50 0.86 0.00	35.35 0.99 0.00	36.33 1.09 0.00	28.48 0.88 0.00	32.65 0.95 0.00	33.02 0.93 0.00	29.91 0.76 0.00	30.54 0.72 0.00	23.51 0.51 0.00
ONEIDA___115KV_TB4 55905	18.76 0.50 0.00	18.59 0.47 0.00	22.16 0.58 0.00	17.64 0.45 0.00	20.08 0.54 0.00	22.28 0.65 0.00	19.80 0.59 0.00	18.29 0.58 0.00	18.76 0.63 0.00	26.46 0.91 0.00	31.23 1.06 -1.16	50.99 1.80 0.00	36.00 1.32 0.00	32.00 1.20 0.00	34.86 1.25 0.00	31.83 1.18 0.00	35.73 1.37 0.00	36.69 1.44 0.00	28.76 1.17 0.00	32.94 1.24 0.00	33.32 1.23 0.00	30.20 1.05 0.00	30.81 0.99 0.00	23.74 0.75 0.00
ONONDAGA_REF_OCCRA 23987	18.40 0.13 0.00	18.25 0.14 0.00	21.76 0.18 0.00	17.33 0.14 0.00	19.75 0.19 0.00	21.90 0.26 0.00	19.39 0.18 0.00	17.82 0.11 0.00	18.23 0.11 0.00	25.65 0.10 0.00	29.14 0.13 0.00	49.31 0.13 0.00	34.85 0.17 0.00	30.98 0.19 0.00	33.81 0.19 0.00	30.84 0.19 0.00	34.58 0.21 0.00	35.44 0.20 0.00	27.80 0.20 0.00	31.85 0.15 0.00	32.26 0.18 0.00	29.30 0.15 0.00	29.96 0.15 0.00	23.21 0.22 0.00
ONONDAGA___COGEN 23986	18.41 0.14 0.00	18.27 0.15 0.00	21.77 0.19 0.00	17.35 0.16 0.00	19.77 0.22 0.00	21.92 0.28 0.00	19.41 0.20 0.00	17.84 0.12 0.00	18.24 0.12 0.00	25.67 0.12 0.00	29.15 0.14 0.00	49.30 0.11 0.00	34.87 0.18 0.00	30.98 0.18 0.00	33.82 0.21 0.00	30.84 0.19 0.00	34.58 0.22 0.00	35.45 0.20 0.00	27.80 0.21 0.00	31.83 0.13 0.00	32.24 0.16 0.00	29.31 0.15 0.00	29.96 0.15 0.00	23.23 0.23 0.00
ONTARIO___LFGE 23819	18.65 0.39 0.00	18.49 0.37 0.00	22.07 0.49 0.00	17.60 0.41 0.00	20.11 0.57 0.00	22.36 0.72 0.00	19.81 0.60 0.00	18.17 0.45 0.00	18.63 0.50 0.00	26.19 0.65 0.00	29.80 0.79 0.00	50.05 0.86 0.00	35.53 0.85 0.00	31.66 0.87 0.00	34.51 0.89 0.00	31.54 0.90 0.00	35.30 0.94 0.00	36.00 0.76 0.00	28.29 0.70 0.00	32.41 0.71 0.00	32.95 0.87 0.00	29.95 0.80 0.00	30.54 0.72 0.00	23.64 0.65 0.00
ORANGEVILLE_WT_PWR 323706	18.67 0.40 0.00	18.49 0.38 0.00	22.12 0.54 0.00	17.68 0.49 0.00	20.30 0.75 0.00	22.59 0.95 0.00	19.88 0.67 0.00	18.00 0.29 0.00	18.47 0.34 0.00	25.93 0.39 0.00	29.49 0.48 0.00	49.57 0.38 0.00	35.18 0.49 0.00	31.35 0.56 0.00	34.15 0.54 0.00	31.21 0.57 0.00	34.93 0.57 0.00	35.50 0.26 0.00	27.88 0.28 0.00	32.08 0.38 0.00	32.68 0.59 0.00	29.79 0.64 0.00	30.49 0.68 0.00	23.76 0.77 0.00
ORANGEVILLE___ESR 323794	18.67 0.40 0.00	18.49 0.38 0.00	22.12 0.54 0.00	17.68 0.49 0.00	20.30 0.75 0.00	22.59 0.95 0.00	19.88 0.67 0.00	18.00 0.29 0.00	18.47 0.34 0.00	25.93 0.39 0.00	29.49 0.48 0.00	49.57 0.38 0.00	35.18 0.49 0.00	31.35 0.56 0.00	34.15 0.54 0.00	31.21 0.57 0.00	34.93 0.57 0.00	35.50 0.26 0.00	27.88 0.28 0.00	32.08 0.38 0.00	32.68 0.59 0.00	29.79 0.64 0.00	30.49 0.68 0.00	23.76 0.77 0.00
OSWEGATCHIE___HYD 24044	18.25 -0.02 0.00	18.03 -0.09 0.00	21.51 -0.07 0.00	17.11 -0.08 0.00	19.43 -0.12 0.00	21.33 -0.31 0.00	19.01 -0.21 0.00	17.53 -0.18 0.00	17.95 -0.17 0.00	25.36 -0.19 0.00	39.57 -0.21 -10.77	48.96 -0.22 0.00	34.47 -0.21 0.00	30.57 -0.23 0.00	33.37 -0.25 0.00	30.48 -0.16 0.00	34.25 -0.11 0.00	35.17 -0.07 0.00	27.53 -0.06 0.00	31.66 -0.04 0.00	32.03 -0.05 0.00	29.11 -0.04 0.00	29.90 0.08 0.00	23.02 0.02 0.00
OSWEGO___5 23606	17.94 -0.32 0.00	17.80 -0.32 0.00	21.22 -0.36 0.00	16.90 -0.29 0.00	19.25 -0.30 0.00	21.33 -0.31 0.00	18.86 -0.35 0.00	17.33 -0.39 0.00	17.72 -0.40 0.00	24.93 -0.62 0.00	28.28 -0.73 0.00	47.86 -1.33 0.00	33.79 -0.89 0.00	30.02 -0.77 0.00	32.76 -0.85 0.00	29.85 -0.79 0.00	33.46 -0.90 0.00	34.30 -0.94 0.00	26.89 -0.71 0.00	30.84 -0.86 0.00	31.24 -0.84 0.00	28.40 -0.75 0.00	29.11 -0.71 0.00	22.60 -0.39 0.00
OSWEGO___6 23613	17.94 -0.32 0.00	17.80 -0.32 0.00	21.22 -0.36 0.00	16.90 -0.29 0.00	19.25 -0.30 0.00	21.33 -0.31 0.00	18.86 -0.35 0.00	17.33 -0.39 0.00	17.72 -0.40 0.00	24.93 -0.62 0.00	28.28 -0.73 0.00	47.86 -1.33 0.00	33.79 -0.89 0.00	30.02 -0.77 0.00	32.76 -0.85 0.00	29.85 -0.79 0.00	33.46 -0.90 0.00	34.30 -0.94 0.00	26.89 -0.71 0.00	30.84 -0.86 0.00	31.24 -0.84 0.00	28.40 -0.75 0.00	29.11 -0.71 0.00	22.60 -0.39 0.00
OUTOKUMPU-AB___DRP 24206	18.61 0.34 0.00	18.42 0.30 0.00	22.02 0.44 0.00	17.66 0.47 0.00	20.32 0.77 0.00	22.62 0.99 0.00	19.90 0.69 0.00	18.02 0.30 0.00	18.44 0.32 0.00	25.98 0.43 0.00	29.50 0.49 0.00	49.40 0.21 0.00	35.05 0.37 0.00	31.12 0.33 0.00	33.87 0.26 0.00	30.90 0.26 0.00	34.60 0.24 0.00	35.09 -0.15 0.00	27.65 0.05 0.00	31.70 0.00 0.00	32.31 0.23 0.00	29.51 0.35 0.00	30.35 0.53 0.00	23.77 0.77 0.00
OXBOW___ 24026	18.44 0.18 0.00	18.27 0.15 0.00	21.83 0.25 0.00	17.51 0.32 0.00	20.15 0.61 0.00	22.43 0.79 0.00	19.73 0.52 0.00	17.87 0.16 0.00	18.29 0.17 0.00	25.75 0.20 0.00	29.24 0.23 0.00	48.95 -0.23 0.00	34.73 0.05 0.00	30.82 0.03 0.00	33.56 -0.06 0.00	30.59 -0.05 0.00	34.26 -0.10 0.00	34.71 -0.53 0.00	27.37 -0.23 0.00	31.37 -0.33 0.00	31.97 -0.11 0.00	29.23 0.07 0.00	30.09 0.27 0.00	23.56 0.57 0.00
OXY_CHEM_DSASP 323612	18.17 -0.10 0.00	18.01 -0.11 0.00	21.53 -0.05 0.00	17.28 0.09 0.00	19.89 0.34 0.00	22.13 0.49 0.00	19.46 0.25 0.00	17.61 -0.11 0.00	18.03 -0.10 0.00	25.36 -0.18 0.00	28.80 -0.21 0.00	48.21 -0.98 0.00	34.20 -0.48 0.00	30.34 -0.46 0.00	33.02 -0.60 0.00	30.10 -0.54 0.00	33.70 -0.66 0.00	34.13 -1.11 0.00	26.90 -0.70 0.00	30.84 -0.86 0.00	31.45 -0.64 0.00	28.77 -0.39 0.00	29.65 -0.17 0.00	23.24 0.24 0.00
OZONE_PARK_ESR 323760	558.88 0.98 -539.63	32.03 0.96 -12.95	22.73 1.15 0.00	18.10 0.92 0.00	20.50 0.95 0.00	22.76 1.12 0.00	20.39 1.18 0.00	18.91 1.20 0.00	28.45 1.18 -9.14	133.95 1.64 -106.77	33.59 2.00 -2.58	52.61 3.43 0.00	37.09 2.41 0.00	33.02 2.22 0.00	36.12 2.51 0.00	32.82 2.18 0.00	36.83 2.47 0.00	37.88 2.64 0.00	29.72 2.13 0.00	33.93 2.23 0.00	34.35 2.27 0.00	31.23 2.08 0.00	31.88 2.06 0.00	24.38 1.38 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.17 -0.10 0.00	18.01 -0.11 0.00	21.53 -0.05 0.00	17.28 0.09 0.00	19.89 0.34 0.00	22.13 0.49 0.00	19.46 0.25 0.00	17.61 -0.11 0.00	18.03 -0.10 0.00	25.36 -0.18 0.00	28.80 -0.21 0.00	48.21 -0.98 0.00	34.20 -0.48 0.00	30.34 -0.46 0.00	33.02 -0.60 0.00	30.10 -0.54 0.00	33.70 -0.66 0.00	34.13 -1.11 0.00	26.90 -0.70 0.00	30.84 -0.86 0.00	31.45 -0.64 0.00	28.77 -0.39 0.00	29.65 -0.17 0.00	23.24 0.24 0.00

PACKARD__115KV_DUPONT_184 80571	18.17 -0.10 0.00	18.01 -0.11 0.00	21.53 -0.05 0.00	17.28 0.09 0.00	19.89 0.34 0.00	22.13 0.49 0.00	19.46 0.25 0.00	17.61 -0.11 0.00	18.03 -0.10 0.00	25.36 -0.18 0.00	28.80 -0.21 0.00	48.21 -0.98 0.00	34.20 -0.48 0.00	30.34 -0.46 0.00	33.02 -0.60 0.00	30.10 -0.54 0.00	33.70 -0.66 0.00	34.13 -1.11 0.00	26.90 -0.70 0.00	30.84 -0.86 0.00	31.45 -0.64 0.00	28.77 -0.39 0.00	29.65 -0.17 0.00	23.24 0.24 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	562.89 0.71 -543.91	32.19 0.76 -13.31	22.51 0.93 0.00	17.90 0.71 0.00	20.26 0.71 0.00	22.46 0.82 0.00	20.17 0.95 0.00	18.70 0.99 0.00	28.20 0.94 -9.14	133.59 1.27 -106.77	33.20 1.61 -2.58	51.93 2.74 0.00	36.61 1.93 0.00	32.62 1.82 0.00	35.67 2.06 0.00	32.41 1.77 0.00	36.33 1.98 0.00	37.39 2.14 0.00	29.36 1.77 0.00	33.49 1.79 0.00	33.96 1.87 0.00	30.83 1.68 0.00	31.47 1.66 0.00	24.10 1.11 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	562.97 0.79 -543.91	32.28 0.85 -13.31	22.58 1.01 0.00	17.93 0.74 0.00	20.30 0.75 0.00	22.51 0.87 0.00	20.22 1.01 0.00	18.73 1.02 0.00	28.23 0.97 -9.14	133.59 1.28 -106.77	33.31 1.72 -2.58	51.99 2.81 0.00	36.70 2.02 0.00	32.72 1.93 0.00	35.78 2.16 0.00	32.50 1.86 0.00	36.46 2.10 0.00	37.50 2.26 0.00	29.44 1.85 0.00	33.60 1.90 0.00	34.06 1.98 0.00	30.92 1.77 0.00	31.57 1.75 0.00	24.18 1.18 0.00
PATROON__115KV_TB1 80586	18.59 0.32 0.00	18.43 0.31 0.00	21.89 0.31 0.00	17.47 0.28 0.00	19.82 0.27 0.00	21.99 0.35 0.00	19.58 0.36 0.00	18.18 0.46 0.00	18.64 0.52 0.00	26.34 0.79 0.00	29.95 0.94 0.00	50.97 1.79 0.00	35.89 1.21 0.00	31.88 1.09 0.00	34.83 1.22 0.00	31.76 1.12 0.00	35.58 1.22 0.00	36.61 1.37 0.00	28.76 1.17 0.00	32.92 1.22 0.00	33.21 1.13 0.00	30.15 0.99 0.00	30.77 0.95 0.00	23.47 0.48 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.96 0.69 0.00	18.77 0.65 0.00	22.42 0.85 0.00	17.96 0.77 0.00	20.64 1.09 0.00	22.99 1.35 0.00	20.24 1.03 0.00	18.41 0.69 0.00	18.85 0.73 0.00	26.55 1.00 0.00	30.15 1.14 0.00	50.55 1.36 0.00	35.83 1.15 0.00	31.84 1.05 0.00	34.66 1.05 0.00	31.63 0.99 0.00	35.41 1.05 0.00	35.96 0.72 0.00	28.30 0.70 0.00	32.49 0.79 0.00	33.07 0.99 0.00	30.18 1.03 0.00	30.96 1.14 0.00	24.19 1.19 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.15 0.89 0.00	18.98 0.86 0.00	22.58 1.01 0.00	17.99 0.81 0.00	20.39 0.84 0.00	22.63 1.00 0.00	20.25 1.04 0.00	18.79 1.08 0.00	19.23 1.10 0.00	27.12 1.57 0.00	30.89 1.88 0.00	52.47 3.28 0.00	36.99 2.30 0.00	32.92 2.13 0.00	35.98 2.38 0.00	32.73 2.09 0.00	36.72 2.36 0.00	37.80 2.56 0.00	29.71 2.12 0.00	33.93 2.23 0.00	34.29 2.21 0.00	31.13 1.98 0.00	31.75 1.93 0.00	24.26 1.27 0.00
PEEKSKILL____ 23653	18.98 0.71 0.00	18.82 0.71 0.00	22.40 0.82 0.00	17.85 0.66 0.00	20.22 0.67 0.00	22.45 0.81 0.00	20.09 0.88 0.00	18.62 0.91 0.00	19.04 0.91 0.00	26.81 1.26 0.00	30.50 1.49 0.00	51.76 2.57 0.00	36.48 1.80 0.00	32.47 1.68 0.00	35.50 1.89 0.00	32.27 1.63 0.00	36.22 1.86 0.00	37.28 2.04 0.00	29.28 1.69 0.00	33.45 1.75 0.00	33.83 1.74 0.00	30.74 1.58 0.00	31.35 1.54 0.00	23.99 1.00 0.00
PGE MADISON__WINDPWR 24146	19.71 1.45 0.00	19.53 1.41 0.00	23.30 1.72 0.00	18.53 1.34 0.00	21.17 1.62 0.00	23.53 1.89 0.00	20.92 1.71 0.00	19.33 1.61 0.00	19.92 1.79 0.00	28.18 2.64 0.00	32.08 3.07 0.00	54.18 4.99 0.00	38.29 3.60 0.00	33.93 3.13 0.00	36.88 3.27 0.00	33.66 3.02 0.00	37.89 3.53 0.00	38.97 3.73 0.00	30.58 2.99 0.00	34.92 3.22 0.00	35.39 3.31 0.00	32.03 2.88 0.00	32.47 2.65 0.00	25.00 2.00 0.00
PIERCEFIELD____HYD 23852	18.31 0.05 0.00	18.13 0.01 0.00	21.58 0.00 0.00	17.18 -0.01 0.00	19.46 -0.09 0.00	21.20 -0.44 0.00	18.87 -0.34 0.00	17.35 -0.36 0.00	17.74 -0.39 0.00	25.09 -0.46 0.00	44.20 -0.60 -15.78	48.44 -0.75 0.00	34.04 -0.64 0.00	30.11 -0.68 0.00	32.88 -0.73 0.00	30.03 -0.61 0.00	33.78 -0.58 0.00	34.63 -0.61 0.00	27.07 -0.52 0.00	31.21 -0.49 0.00	31.59 -0.49 0.00	28.83 -0.32 0.00	29.74 -0.08 0.00	22.93 -0.07 0.00
PINELAWN_CC_1 323563	19.32 1.06 0.00	19.10 0.98 0.00	22.71 1.13 0.00	18.16 0.97 0.00	20.50 0.95 0.00	22.70 1.10 0.03	20.40 1.19 0.00	18.95 1.24 0.00	19.43 1.31 0.00	27.44 1.89 0.00	33.84 2.24 -2.59	52.92 3.74 0.00	37.28 2.60 0.00	33.09 2.29 0.00	36.35 2.74 0.00	33.04 2.40 0.00	39.27 2.90 -2.01	46.04 3.15 -7.65	34.93 2.56 -4.78	34.32 2.61 0.00	34.57 2.49 0.00	31.41 2.26 0.00	32.09 2.27 0.00	24.44 1.45 0.00
PJM_GEN_HTP_PROXY 323702	553.44 0.80 -534.37	31.41 0.78 -12.50	22.52 0.95 0.00	17.95 0.76 0.00	20.32 0.78 0.00	22.57 0.93 0.00	20.23 1.02 0.00	18.76 1.05 0.00	28.29 1.02 -9.14	133.72 1.40 -106.77	33.30 1.70 -2.58	52.10 2.91 0.00	36.71 2.02 0.00	32.68 1.89 0.00	35.76 2.15 0.00	32.48 1.84 0.00	36.46 2.10 0.00	37.50 2.26 0.00	29.41 1.81 0.00	33.85 1.89 -0.26	34.00 1.92 0.00	30.90 1.75 0.00	31.57 1.76 0.00	24.15 1.15 0.00
PJM_GEN_KEystone 24065	56.54 0.49 -37.78	19.51 0.48 -0.91	22.16 0.59 0.00	17.69 0.50 0.00	20.16 0.61 0.00	22.43 0.79 0.00	19.95 0.74 0.00	18.35 0.64 0.00	19.42 0.66 -0.64	33.85 0.87 -7.43	30.17 0.99 -0.16	50.68 1.49 0.00	35.79 1.10 0.00	31.84 1.05 0.00	34.75 1.14 0.00	31.63 0.98 0.00	35.42 1.06 0.00	36.28 1.04 0.00	28.50 0.90 0.00	32.91 0.95 -0.26	33.11 1.02 0.00	30.14 0.99 0.00	30.26 0.93 0.49	23.74 0.74 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.10 0.83 0.00	18.89 0.78 0.00	22.48 0.91 0.00	17.98 0.79 0.00	20.32 0.77 0.00	22.54 0.91 0.00	20.21 1.00 0.00	18.77 1.06 0.00	19.21 1.08 0.00	27.11 1.56 0.00	32.94 1.86 -2.07	52.25 3.06 0.00	36.80 2.12 0.00	32.71 1.92 0.00	35.90 2.29 0.00	32.63 1.99 0.00	38.71 2.36 -1.99	45.45 2.56 -7.65	34.47 2.10 -4.78	34.05 2.09 -0.26	34.10 2.02 0.00	30.99 1.84 0.00	31.66 1.85 0.00	24.18 1.18 0.00
PJM_GEN_VFT_PROXY 323633	558.58 0.69 -539.63	31.75 0.68 -12.95	22.42 0.84 0.00	17.86 0.67 0.00	20.22 0.67 0.00	22.45 0.81 0.00	20.13 0.92 0.00	18.64 0.93 0.00	28.17 0.91 -9.14	132.96 1.22 -106.18	32.96 1.58 -2.36	51.90 2.72 0.00	36.59 1.90 0.00	32.58 1.79 0.00	35.64 2.03 0.00	32.37 1.72 0.00	36.31 1.96 0.00	37.36 2.12 0.00	29.31 1.72 0.00	33.73 1.77 -0.26	33.89 1.80 0.00	30.82 1.66 0.00	31.46 1.64 0.00	24.06 1.07 0.00
PLATSBRG_115KV_PMLD1 355749	18.90 0.63 0.00	18.84 0.73 0.00	22.34 0.77 0.00	17.83 0.64 0.00	20.33 0.79 0.00	22.46 0.82 0.00	19.93 0.72 0.00	18.43 0.72 0.00	18.90 0.77 0.00	26.71 1.16 0.00	115.41 1.56 -84.84	51.23 2.05 0.00	36.02 1.34 0.00	31.86 1.07 0.00	34.73 1.12 0.00	31.79 1.14 0.00	35.67 1.31 0.00	36.58 1.34 0.00	28.60 1.01 0.00	33.01 1.31 0.00	33.28 1.20 0.00	30.14 0.99 0.00	30.72 0.90 0.00	23.54 0.54 0.00

PLEASANTVLY___LBMP 24000	18.90 0.64 0.00	18.75 0.63 0.00	22.31 0.73 0.00	17.77 0.58 0.00	20.13 0.58 0.00	22.35 0.71 0.00	19.98 0.77 0.00	18.54 0.83 0.00	18.96 0.83 0.00	26.72 1.17 0.00	30.41 1.40 0.00	51.65 2.47 0.00	36.39 1.70 0.00	32.37 1.58 0.00	35.38 1.77 0.00	32.19 1.55 0.00	36.10 1.74 0.00	37.14 1.89 0.00	29.19 1.59 0.00	33.35 1.65 0.00	33.71 1.63 0.00	30.62 1.47 0.00	31.27 1.46 0.00	23.92 0.92 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.03 0.76 0.00	18.85 0.73 0.00	22.45 0.87 0.00	17.90 0.71 0.00	20.27 0.72 0.00	22.50 0.86 0.00	20.13 0.92 0.00	18.68 0.97 0.00	19.09 0.97 0.00	26.90 1.36 0.00	30.61 1.60 0.00	51.97 2.79 0.00	36.63 1.94 0.00	32.60 1.81 0.00	35.64 2.03 0.00	32.42 1.78 0.00	36.36 2.00 0.00	37.42 2.18 0.00	29.38 1.79 0.00	33.56 1.86 0.00	33.94 1.85 0.00	30.84 1.69 0.00	31.49 1.67 0.00	24.07 1.07 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.03 0.76 0.00	18.85 0.73 0.00	22.45 0.87 0.00	17.90 0.71 0.00	20.27 0.72 0.00	22.50 0.86 0.00	20.13 0.92 0.00	18.68 0.97 0.00	19.09 0.97 0.00	26.90 1.36 0.00	30.61 1.60 0.00	51.97 2.79 0.00	36.63 1.94 0.00	32.60 1.81 0.00	35.64 2.03 0.00	32.42 1.78 0.00	36.36 2.00 0.00	37.42 2.18 0.00	29.38 1.79 0.00	33.56 1.86 0.00	33.94 1.85 0.00	30.84 1.69 0.00	31.49 1.67 0.00	24.07 1.07 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.06 0.79 0.00	18.89 0.77 0.00	22.47 0.89 0.00	17.90 0.71 0.00	20.28 0.73 0.00	22.52 0.88 0.00	20.13 0.92 0.00	18.68 0.97 0.00	19.12 0.99 0.00	26.97 1.42 0.00	30.70 1.69 0.00	52.15 2.96 0.00	36.75 2.07 0.00	32.70 1.91 0.00	35.74 2.12 0.00	32.53 1.89 0.00	36.49 2.13 0.00	37.54 2.30 0.00	29.51 1.92 0.00	33.71 2.01 0.00	34.06 1.98 0.00	30.92 1.77 0.00	31.55 1.73 0.00	24.12 1.12 0.00
POLETTI____ 23519	558.68 0.81 -539.61	31.86 0.79 -12.95	22.55 0.97 0.00	17.96 0.78 0.00	20.34 0.79 0.00	22.57 0.94 0.00	20.23 1.02 0.00	18.76 1.05 0.00	28.28 1.02 -9.14	133.71 1.40 -106.77	33.31 1.71 -2.58	52.15 2.96 0.00	36.74 2.05 0.00	32.70 1.91 0.00	35.76 2.15 0.00	32.45 1.80 0.00	36.38 2.02 0.00	37.41 2.17 0.00	29.29 1.70 0.00	33.45 1.75 0.00	33.87 1.79 0.00	30.85 1.70 0.00	31.51 1.69 0.00	24.10 1.10 0.00
POMONA___ESR 323819	18.95 0.69 0.00	18.83 0.71 0.00	22.38 0.81 0.00	17.84 0.65 0.00	20.21 0.66 0.00	22.45 0.81 0.00	20.09 0.88 0.00	18.58 0.86 0.00	19.00 0.88 0.00	26.73 1.18 0.00	30.35 1.34 0.00	51.48 2.30 0.00	36.30 1.62 0.00	32.32 1.52 0.00	35.31 1.70 0.00	32.09 1.45 0.00	36.03 1.66 0.00	37.12 1.88 0.00	29.16 1.57 0.00	33.34 1.64 0.00	33.71 1.63 0.00	30.64 1.49 0.00	31.19 1.37 0.00	23.90 0.90 0.00
PORT_JEFF_3 23555	19.06 0.80 0.00	18.86 0.74 0.00	22.33 0.76 0.00	17.97 0.78 0.00	20.13 0.58 0.00	21.59 0.69 0.74	20.06 0.85 0.00	18.68 0.97 0.00	19.26 1.13 0.00	27.17 1.62 0.00	33.50 1.90 -2.59	52.25 3.07 0.00	36.79 2.11 0.00	32.58 1.79 0.00	35.83 2.22 0.00	32.58 1.94 0.00	39.04 2.67 -2.01	45.74 2.84 -7.65	34.67 2.29 -4.78	34.02 2.32 0.00	34.09 2.01 0.00	31.08 1.93 0.00	31.86 2.04 0.00	24.10 1.10 0.00
PORT_JEFF_4 23616	19.06 0.80 0.00	18.86 0.74 0.00	22.33 0.76 0.00	17.97 0.78 0.00	20.13 0.58 0.00	21.59 0.69 0.74	20.06 0.85 0.00	18.68 0.97 0.00	19.26 1.13 0.00	27.17 1.62 0.00	33.50 1.90 -2.59	52.25 3.07 0.00	36.79 2.11 0.00	32.58 1.79 0.00	35.83 2.22 0.00	32.58 1.94 0.00	39.04 2.67 -2.01	45.74 2.84 -7.65	34.67 2.29 -4.78	34.02 2.32 0.00	34.09 2.01 0.00	31.08 1.93 0.00	31.86 2.04 0.00	24.10 1.10 0.00
PORT_JEFF_IC 23713	19.13 0.86 0.00	18.91 0.79 0.00	22.40 0.82 0.00	18.02 0.83 0.00	20.19 0.64 0.00	21.62 0.75 0.77	20.11 0.90 0.00	18.73 1.02 0.00	19.31 1.19 0.00	27.24 1.69 0.00	33.57 1.97 -2.59	52.40 3.21 0.00	36.90 2.22 0.00	32.68 1.89 0.00	35.95 2.34 0.00	32.70 2.06 0.00	39.18 2.81 -2.01	45.88 2.99 -7.65	34.78 2.40 -4.78	34.15 2.45 0.00	34.21 2.13 0.00	31.17 2.02 0.00	31.92 2.10 0.00	24.16 1.17 0.00
PPL PILGRIM_ST_GT1 24216	19.41 1.15 0.00	19.18 1.07 0.00	22.78 1.21 0.00	18.25 1.06 0.00	20.56 1.01 0.00	22.74 1.17 0.07	20.46 1.25 0.00	19.02 1.31 0.00	19.54 1.42 0.00	27.59 2.04 0.00	33.98 2.39 -2.59	53.16 3.97 0.00	37.45 2.77 0.00	33.23 2.43 0.00	36.52 2.91 0.00	33.21 2.57 0.00	39.55 3.18 -2.01	46.31 3.42 -7.65	35.13 2.76 -4.78	34.54 2.84 0.00	34.74 2.66 0.00	31.57 2.42 0.00	32.26 2.44 0.00	24.53 1.54 0.00
PPL PILGRIM_ST_GT2 24217	19.41 1.15 0.00	19.18 1.07 0.00	22.78 1.21 0.00	18.25 1.06 0.00	20.56 1.01 0.00	22.74 1.17 0.07	20.46 1.25 0.00	19.02 1.31 0.00	19.54 1.42 0.00	27.59 2.04 0.00	33.98 2.39 -2.59	53.16 3.97 0.00	37.45 2.77 0.00	33.23 2.43 0.00	36.52 2.91 0.00	33.21 2.57 0.00	39.55 3.18 -2.01	46.31 3.42 -7.65	35.13 2.76 -4.78	34.54 2.84 0.00	34.74 2.66 0.00	31.57 2.42 0.00	32.26 2.44 0.00	24.53 1.54 0.00
PPL_SHRM_GT3 24213	19.20 0.94 0.00	18.97 0.85 0.00	22.49 0.91 0.00	18.14 0.96 0.00	20.28 0.73 0.00	21.67 0.76 0.73	20.13 0.92 0.00	18.77 1.06 0.00	19.42 1.29 0.00	27.40 1.85 0.00	33.57 1.97 -2.59	52.45 3.27 0.00	36.95 2.27 0.00	32.72 1.93 0.00	36.07 2.46 0.00	32.84 2.20 0.00	39.54 3.17 -2.01	46.17 3.28 -7.65	34.95 2.57 -4.78	34.39 2.69 0.00	34.32 2.24 0.00	31.24 2.08 0.00	31.91 2.09 0.00	24.17 1.17 0.00
PPL_SHRM_GT4 24214	19.20 0.94 0.00	18.97 0.85 0.00	22.49 0.91 0.00	18.14 0.96 0.00	20.28 0.73 0.00	21.67 0.76 0.73	20.13 0.92 0.00	18.77 1.06 0.00	19.42 1.29 0.00	27.40 1.85 0.00	33.57 1.97 -2.59	52.45 3.27 0.00	36.95 2.27 0.00	32.72 1.93 0.00	36.07 2.46 0.00	32.84 2.20 0.00	39.54 3.17 -2.01	46.17 3.28 -7.65	34.95 2.57 -4.78	34.39 2.69 0.00	34.32 2.24 0.00	31.24 2.08 0.00	31.91 2.09 0.00	24.17 1.17 0.00
PROJECT___ORANGE 1 24174	18.28 0.01 0.00	18.13 0.01 0.00	21.61 0.04 0.00	17.22 0.03 0.00	19.62 0.07 0.00	21.76 0.12 0.00	19.25 0.04 0.00	17.68 -0.03 0.00	18.08 -0.05 0.00	25.42 -0.13 0.00	28.87 -0.14 0.00	48.84 -0.35 0.00	34.52 -0.16 0.00	30.69 -0.11 0.00	33.49 -0.12 0.00	30.54 -0.10 0.00	34.23 -0.13 0.00	35.08 -0.17 0.00	27.51 -0.08 0.00	31.53 -0.17 0.00	31.94 -0.14 0.00	29.02 -0.13 0.00	29.70 -0.11 0.00	23.04 0.04 0.00
PROJECT___ORANGE 2 24166	18.28 0.01 0.00	18.13 0.01 0.00	21.61 0.04 0.00	17.22 0.03 0.00	19.62 0.07 0.00	21.76 0.12 0.00	19.25 0.04 0.00	17.68 -0.03 0.00	18.08 -0.05 0.00	25.42 -0.13 0.00	28.87 -0.14 0.00	48.84 -0.35 0.00	34.52 -0.16 0.00	30.69 -0.11 0.00	33.49 -0.12 0.00	30.54 -0.10 0.00	34.23 -0.13 0.00	35.08 -0.17 0.00	27.51 -0.08 0.00	31.53 -0.17 0.00	31.94 -0.14 0.00	29.02 -0.13 0.00	29.70 -0.11 0.00	23.04 0.04 0.00

FUCKETT___SOLAR 323809	18.86 0.59 0.00	18.70 0.58 0.00	22.32 0.74 0.00	17.77 0.58 0.00	20.25 0.70 0.00	22.50 0.87 0.00	19.97 0.76 0.00	18.41 0.70 0.00	18.88 0.75 0.00	26.61 1.06 0.00	30.26 1.25 0.00	51.09 1.91 0.00	36.10 1.41 0.00	32.12 1.33 0.00	35.03 1.41 0.00	31.99 1.35 0.00	35.83 1.47 0.00	36.73 1.49 0.00	28.80 1.21 0.00	33.00 1.30 0.00	33.44 1.36 0.00	30.36 1.21 0.00	30.92 1.10 0.00	23.86 0.87 0.00
PYRITES___HYD 24023	18.76 0.50 0.00	18.55 0.43 0.00	22.09 0.51 0.00	17.58 0.39 0.00	19.94 0.39 0.00	21.74 0.10 0.00	19.38 0.17 0.00	17.84 0.12 0.00	18.27 0.15 0.00	25.86 0.31 0.00	45.11 0.32 -15.78	49.83 0.64 0.00	35.02 0.34 0.00	30.95 0.15 0.00	33.82 0.20 0.00	30.95 0.31 0.00	34.88 0.52 0.00	35.82 0.57 0.00	28.03 0.43 0.00	32.29 0.59 0.00	32.66 0.58 0.00	29.73 0.58 0.00	30.58 0.76 0.00	23.54 0.54 0.00
QUAKERRD_115KV_BK1 80622	17.98 -0.29 0.00	17.83 -0.29 0.00	21.27 -0.31 0.00	16.99 -0.19 0.00	19.44 -0.10 0.00	21.61 -0.03 0.00	19.09 -0.12 0.00	17.45 -0.26 0.00	17.88 -0.24 0.00	25.17 -0.38 0.00	28.59 -0.42 0.00	48.19 -1.00 0.00	34.09 -0.59 0.00	30.27 -0.52 0.00	33.01 -0.60 0.00	30.09 -0.55 0.00	33.75 -0.61 0.00	34.46 -0.78 0.00	27.08 -0.51 0.00	31.01 -0.69 0.00	31.46 -0.62 0.00	28.63 -0.52 0.00	29.35 -0.47 0.00	22.83 -0.16 0.00
QUENSBRY_115KV_TB8 356137	19.11 0.85 0.00	18.97 0.85 0.00	22.43 0.86 0.00	17.89 0.70 0.00	20.31 0.76 0.00	22.62 0.98 0.00	20.10 0.89 0.00	18.76 1.05 0.00	19.35 1.22 0.00	27.50 1.95 0.00	31.30 2.29 0.00	53.06 3.88 0.00	37.28 2.60 0.00	33.07 2.28 0.00	36.09 2.48 0.00	33.00 2.36 0.00	36.96 2.60 0.00	37.98 2.74 0.00	29.88 2.29 0.00	34.22 2.52 0.00	34.46 2.37 0.00	31.17 2.02 0.00	31.87 2.05 0.00	24.30 1.31 0.00
RAMAPO___LBMP 323565	18.92 0.65 0.00	18.78 0.66 0.00	22.33 0.76 0.00	17.80 0.61 0.00	20.16 0.62 0.00	22.40 0.76 0.00	20.04 0.82 0.00	18.54 0.83 0.00	18.96 0.84 0.00	26.68 1.14 0.00	30.31 1.30 0.00	51.42 2.24 0.00	36.26 1.58 0.00	32.27 1.48 0.00	35.26 1.65 0.00	32.05 1.41 0.00	35.98 1.62 0.00	37.05 1.81 0.00	29.12 1.53 0.00	33.28 1.59 0.00	33.66 1.58 0.00	30.60 1.44 0.00	31.15 1.34 0.00	23.86 0.86 0.00
RANKINE____ 23646	18.77 0.50 0.00	18.58 0.47 0.00	22.20 0.63 0.00	17.79 0.60 0.00	20.45 0.90 0.00	22.77 1.13 0.00	20.04 0.82 0.00	18.19 0.48 0.00	18.62 0.49 0.00	26.22 0.67 0.00	29.77 0.76 0.00	49.90 0.71 0.00	35.39 0.70 0.00	31.47 0.68 0.00	34.26 0.65 0.00	31.27 0.63 0.00	35.02 0.66 0.00	35.54 0.30 0.00	27.97 0.37 0.00	32.12 0.42 0.00	32.70 0.62 0.00	29.86 0.70 0.00	30.66 0.84 0.00	23.97 0.97 0.00
RAVENSWOOD_GT2_1 24244	564.26 0.81 -545.19	32.33 0.79 -13.42	22.53 0.96 0.00	17.96 0.77 0.00	20.32 0.78 0.00	22.57 0.93 0.00	20.22 1.01 0.00	18.76 1.04 0.00	28.29 1.02 -9.14	133.72 1.41 -106.77	33.30 1.71 -2.58	52.11 2.93 0.00	36.73 2.04 0.00	32.70 1.91 0.00	35.77 2.16 0.00	32.50 1.86 0.00	36.46 2.10 0.00	37.50 2.26 0.00	29.43 1.84 0.00	33.61 1.91 0.00	34.01 1.93 0.00	30.92 1.77 0.00	31.58 1.76 0.00	24.15 1.15 0.00
RAVENSWOOD_GT2_2 24245	564.26 0.81 -545.19	32.33 0.79 -13.42	22.53 0.96 0.00	17.96 0.77 0.00	20.32 0.78 0.00	22.57 0.93 0.00	20.22 1.01 0.00	18.76 1.04 0.00	28.29 1.02 -9.14	133.72 1.41 -106.77	33.30 1.71 -2.58	52.11 2.93 0.00	36.73 2.04 0.00	32.70 1.91 0.00	35.77 2.16 0.00	32.50 1.86 0.00	36.46 2.10 0.00	37.50 2.26 0.00	29.43 1.84 0.00	33.61 1.91 0.00	34.01 1.93 0.00	30.92 1.77 0.00	31.58 1.76 0.00	24.15 1.15 0.00
RAVENSWOOD_GT2_3 24246	564.09 0.81 -545.02	32.32 0.80 -13.40	22.54 0.97 0.00	17.96 0.77 0.00	20.33 0.79 0.00	22.57 0.94 0.00	20.23 1.02 0.00	18.76 1.05 0.00	28.29 1.03 -9.14	133.73 1.41 -106.77	33.31 1.72 -2.58	52.15 2.96 0.00	36.74 2.06 0.00	32.71 1.92 0.00	35.79 2.18 0.00	32.51 1.87 0.00	36.48 2.12 0.00	37.52 2.28 0.00	29.44 1.85 0.00	33.62 1.92 0.00	34.03 1.95 0.00	30.94 1.79 0.00	31.59 1.77 0.00	24.16 1.17 0.00
RAVENSWOOD_GT2_4 24247	564.09 0.81 -545.02	32.32 0.80 -13.40	22.54 0.97 0.00	17.96 0.77 0.00	20.33 0.79 0.00	22.57 0.94 0.00	20.23 1.02 0.00	18.76 1.05 0.00	28.29 1.03 -9.14	133.73 1.41 -106.77	33.31 1.72 -2.58	52.15 2.96 0.00	36.74 2.06 0.00	32.71 1.92 0.00	35.79 2.18 0.00	32.51 1.87 0.00	36.48 2.12 0.00	37.52 2.28 0.00	29.44 1.85 0.00	33.62 1.92 0.00	34.03 1.95 0.00	30.94 1.79 0.00	31.59 1.77 0.00	24.16 1.17 0.00
RAVENSWOOD_GT3_1 24248	563.00 0.80 -543.93	32.22 0.79 -13.31	22.54 0.96 0.00	17.95 0.77 0.00	20.32 0.78 0.00	22.57 0.93 0.00	20.23 1.01 0.00	18.76 1.05 0.00	28.29 1.02 -9.14	133.72 1.41 -106.77	33.30 1.71 -2.58	52.11 2.92 0.00	36.72 2.03 0.00	32.69 1.90 0.00	35.77 2.15 0.00	32.49 1.85 0.00	36.45 2.09 0.00	37.50 2.25 0.00	29.43 1.83 0.00	33.60 1.90 0.00	34.01 1.93 0.00	30.92 1.77 0.00	31.58 1.76 0.00	24.15 1.15 0.00
RAVENSWOOD_GT3_2 24249	563.00 0.80 -543.93	32.22 0.79 -13.31	22.54 0.96 0.00	17.95 0.77 0.00	20.32 0.78 0.00	22.57 0.93 0.00	20.23 1.01 0.00	18.76 1.05 0.00	28.29 1.02 -9.14	133.72 1.41 -106.77	33.30 1.71 -2.58	52.11 2.92 0.00	36.72 2.03 0.00	32.69 1.90 0.00	35.77 2.15 0.00	32.49 1.85 0.00	36.45 2.09 0.00	37.50 2.25 0.00	29.43 1.83 0.00	33.60 1.90 0.00	34.01 1.93 0.00	30.92 1.77 0.00	31.58 1.76 0.00	24.15 1.15 0.00
RAVENSWOOD_GT3_3 24250	563.22 0.83 -544.12	32.26 0.82 -13.33	22.57 0.99 0.00	17.98 0.79 0.00	20.35 0.81 0.00	22.60 0.96 0.00	20.25 1.04 0.00	18.78 1.07 0.00	28.31 1.05 -9.14	133.76 1.44 -106.77	33.34 1.75 -2.58	52.20 3.01 0.00	36.78 2.10 0.00	32.75 1.96 0.00	35.82 2.21 0.00	32.54 1.90 0.00	36.52 2.16 0.00	37.56 2.32 0.00	29.48 1.89 0.00	33.65 1.95 0.00	34.07 1.99 0.00	30.97 1.82 0.00	31.63 1.81 0.00	24.19 1.19 0.00
RAVENSWOOD_GT3_4 24251	563.22 0.83 -544.12	32.26 0.82 -13.33	22.57 0.99 0.00	17.98 0.79 0.00	20.35 0.81 0.00	22.60 0.96 0.00	20.25 1.04 0.00	18.78 1.07 0.00	28.31 1.05 -9.14	133.76 1.44 -106.77	33.34 1.75 -2.58	52.20 3.01 0.00	36.78 2.10 0.00	32.75 1.96 0.00	35.82 2.21 0.00	32.54 1.90 0.00	36.52 2.16 0.00	37.56 2.32 0.00	29.48 1.89 0.00	33.65 1.95 0.00	34.07 1.99 0.00	30.97 1.82 0.00	31.63 1.81 0.00	24.19 1.19 0.00
RAVENSWOOD_GT_1 23729	562.91 0.74 -543.91	32.20 0.77 -13.31	22.54 0.96 0.00	17.94 0.75 0.00	20.30 0.76 0.00	22.53 0.89 0.00	20.22 1.01 0.00	18.76 1.05 0.00	28.27 1.00 -9.14	133.67 1.36 -106.77	33.23 1.64 -2.58	51.96 2.77 0.00	36.63 1.95 0.00	32.62 1.83 0.00	35.69 2.08 0.00	32.43 1.78 0.00	36.34 1.98 0.00	37.40 2.16 0.00	29.38 1.79 0.00	33.52 1.81 0.00	33.97 1.89 0.00	30.88 1.73 0.00	31.54 1.72 0.00	24.13 1.14 0.00

RAVENSWOOD_GT_10 24258	564.26 0.81 -545.19	32.33 0.79 -13.42	22.53 0.96 0.00	17.96 0.77 0.00	20.32 0.78 0.00	22.57 0.93 0.00	20.22 1.01 0.00	18.76 1.04 0.00	28.29 1.02 -9.14	133.72 1.41 -106.77	33.30 1.71 -2.58	52.11 2.93 0.00	36.73 2.04 0.00	32.70 1.91 0.00	35.77 2.16 0.00	32.50 1.86 0.00	36.46 2.10 0.00	37.50 2.26 0.00	29.43 1.84 0.00	33.61 1.91 0.00	34.01 1.93 0.00	30.92 1.77 0.00	31.58 1.76 0.00	24.15 1.15 0.00
RAVENSWOOD_GT_11 24259	564.26 0.81 -545.19	32.33 0.79 -13.42	22.53 0.96 0.00	17.96 0.77 0.00	20.32 0.78 0.00	22.57 0.93 0.00	20.22 1.01 0.00	18.76 1.04 0.00	28.29 1.02 -9.14	133.72 1.41 -106.77	33.30 1.71 -2.58	52.11 2.93 0.00	36.73 2.04 0.00	32.70 1.91 0.00	35.77 2.16 0.00	32.50 1.86 0.00	36.46 2.10 0.00	37.50 2.26 0.00	29.43 1.84 0.00	33.61 1.91 0.00	34.01 1.93 0.00	30.92 1.77 0.00	31.58 1.76 0.00	24.15 1.15 0.00
RAVENSWOOD_GT_4 24252	562.99 0.81 -543.91	32.22 0.79 -13.31	22.53 0.96 0.00	17.96 0.77 0.00	20.33 0.79 0.00	22.57 0.93 0.00	20.23 1.01 0.00	18.76 1.05 0.00	28.29 1.03 -9.14	133.72 1.41 -106.77	33.31 1.71 -2.58	52.15 2.96 0.00	36.74 2.05 0.00	32.71 1.91 0.00	35.78 2.17 0.00	32.50 1.86 0.00	36.47 2.11 0.00	37.51 2.27 0.00	29.43 1.84 0.00	33.62 1.92 0.00	34.01 1.93 0.00	30.93 1.78 0.00	31.58 1.76 0.00	24.15 1.16 0.00
RAVENSWOOD_GT_5 24254	562.99 0.81 -543.91	32.22 0.79 -13.31	22.53 0.96 0.00	17.96 0.77 0.00	20.33 0.79 0.00	22.57 0.93 0.00	20.23 1.01 0.00	18.76 1.05 0.00	28.29 1.03 -9.14	133.72 1.41 -106.77	33.31 1.71 -2.58	52.15 2.96 0.00	36.74 2.05 0.00	32.71 1.91 0.00	35.78 2.17 0.00	32.50 1.86 0.00	36.47 2.11 0.00	37.51 2.27 0.00	29.43 1.84 0.00	33.62 1.92 0.00	34.01 1.93 0.00	30.93 1.78 0.00	31.58 1.76 0.00	24.15 1.16 0.00
RAVENSWOOD_GT_6 24253	562.99 0.81 -543.91	32.22 0.79 -13.31	22.53 0.96 0.00	17.96 0.77 0.00	20.33 0.79 0.00	22.57 0.93 0.00	20.23 1.01 0.00	18.76 1.05 0.00	28.29 1.03 -9.14	133.72 1.41 -106.77	33.31 1.71 -2.58	52.15 2.96 0.00	36.74 2.05 0.00	32.71 1.91 0.00	35.78 2.17 0.00	32.50 1.86 0.00	36.47 2.11 0.00	37.51 2.27 0.00	29.43 1.84 0.00	33.62 1.92 0.00	34.01 1.93 0.00	30.93 1.78 0.00	31.58 1.76 0.00	24.15 1.16 0.00
RAVENSWOOD_GT_7 24255	562.99 0.81 -543.91	32.22 0.79 -13.31	22.53 0.96 0.00	17.96 0.77 0.00	20.33 0.79 0.00	22.57 0.93 0.00	20.23 1.01 0.00	18.76 1.05 0.00	28.29 1.03 -9.14	133.72 1.41 -106.77	33.31 1.71 -2.58	52.15 2.96 0.00	36.74 2.05 0.00	32.71 1.91 0.00	35.78 2.17 0.00	32.50 1.86 0.00	36.47 2.11 0.00	37.51 2.27 0.00	29.43 1.84 0.00	33.62 1.92 0.00	34.01 1.93 0.00	30.93 1.78 0.00	31.58 1.76 0.00	24.15 1.16 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	564.26 0.81 -545.19	32.33 0.79 -13.42	22.53 0.96 0.00	17.96 0.77 0.00	20.32 0.78 0.00	22.57 0.93 0.00	20.22 1.01 0.00	18.76 1.04 0.00	28.29 1.02 -9.14	133.72 1.41 -106.77	33.30 1.71 -2.58	52.11 2.93 0.00	36.73 2.04 0.00	32.70 1.91 0.00	35.77 2.16 0.00	32.50 1.86 0.00	36.46 2.10 0.00	37.50 2.26 0.00	29.43 1.84 0.00	33.61 1.91 0.00	34.01 1.93 0.00	30.92 1.77 0.00	31.58 1.76 0.00	24.15 1.15 0.00
RAVENSWOOD_GT_9 24257	564.26 0.81 -545.19	32.33 0.79 -13.42	22.53 0.96 0.00	17.96 0.77 0.00	20.32 0.78 0.00	22.57 0.93 0.00	20.22 1.01 0.00	18.76 1.04 0.00	28.29 1.02 -9.14	133.72 1.41 -106.77	33.30 1.71 -2.58	52.11 2.93 0.00	36.73 2.04 0.00	32.70 1.91 0.00	35.77 2.16 0.00	32.50 1.86 0.00	36.46 2.10 0.00	37.50 2.26 0.00	29.43 1.84 0.00	33.61 1.91 0.00	34.01 1.93 0.00	30.92 1.77 0.00	31.58 1.76 0.00	24.15 1.15 0.00
RAVENSWOOD___1 23533	562.88 0.71 -543.90	32.20 0.77 -13.31	22.54 0.96 0.00	17.94 0.75 0.00	20.30 0.76 0.00	22.53 0.89 0.00	20.22 1.01 0.00	18.75 1.04 0.00	28.27 1.00 -9.14	133.67 1.36 -106.77	33.23 1.64 -2.58	51.95 2.77 0.01	36.62 1.94 0.00	32.62 1.83 0.00	35.69 2.08 0.00	32.42 1.78 0.00	36.34 1.98 0.01	37.40 2.16 0.00	29.38 1.79 0.00	33.51 1.81 0.00	33.98 1.90 0.00	30.88 1.73 0.00	31.53 1.72 0.00	24.14 1.14 0.00
RAVENSWOOD___2 23534	562.88 0.71 -543.90	32.20 0.77 -13.31	22.54 0.96 0.00	17.94 0.75 0.00	20.30 0.76 0.00	22.53 0.89 0.00	20.22 1.01 0.00	18.75 1.04 0.00	28.27 1.00 -9.14	133.67 1.36 -106.77	33.23 1.64 -2.58	51.95 2.77 0.01	36.62 1.94 0.00	32.62 1.83 0.00	35.69 2.08 0.00	32.42 1.78 0.00	36.34 1.98 0.01	37.40 2.16 0.00	29.38 1.79 0.00	33.51 1.81 0.00	33.98 1.90 0.00	30.88 1.73 0.00	31.53 1.72 0.00	24.14 1.14 0.00
RAVENSWOOD___3 23535	563.61 0.80 -544.55	32.27 0.79 -13.36	22.53 0.96 0.00	17.96 0.77 0.00	20.33 0.78 0.00	22.57 0.93 0.00	20.22 1.01 0.00	18.76 1.04 0.00	28.29 1.02 -9.14	133.72 1.41 -106.77	33.30 1.71 -2.58	52.11 2.92 0.00	36.72 2.04 0.00	32.70 1.91 0.00	35.76 2.15 0.00	32.50 1.86 0.00	36.46 2.10 0.00	37.50 2.26 0.00	29.43 1.83 0.00	33.60 1.90 0.00	34.01 1.93 0.00	30.92 1.77 0.00	31.58 1.76 0.00	24.15 1.15 0.00
RAVENSWOOD___4 23820	562.88 0.71 -543.90	32.20 0.77 -13.31	22.54 0.96 0.00	17.94 0.75 0.00	20.30 0.76 0.00	22.53 0.89 0.00	20.22 1.01 0.00	18.75 1.04 0.00	28.27 1.00 -9.14	133.67 1.36 -106.77	33.23 1.64 -2.58	51.95 2.77 0.01	36.62 1.94 0.00	32.62 1.83 0.00	35.69 2.08 0.00	32.42 1.78 0.00	36.34 1.98 0.01	37.40 2.16 0.00	29.38 1.79 0.00	33.51 1.81 0.00	33.98 1.90 0.00	30.88 1.73 0.00	31.53 1.72 0.00	24.14 1.14 0.00
RCPL_TRUST___DRP 24196	553.45 0.81 -534.37	31.42 0.80 -12.50	22.55 0.97 0.00	17.97 0.78 0.00	20.34 0.79 0.00	22.58 0.94 0.00	20.25 1.03 0.00	18.78 1.07 0.00	28.31 1.04 -9.14	133.74 1.43 -106.77	33.32 1.73 -2.58	52.15 2.96 0.00	36.74 2.05 0.00	32.71 1.92 0.00	35.80 2.18 0.00	32.51 1.87 0.00	36.49 2.13 0.00	37.53 2.28 0.00	29.43 1.84 0.00	33.62 1.92 0.00	34.03 1.95 0.00	30.93 1.78 0.00	31.60 1.79 0.00	24.16 1.17 0.00
RED___ROCHESTER 323720	18.52 0.26 0.00	18.35 0.23 0.00	21.89 0.31 0.00	17.51 0.32 0.00	20.05 0.50 0.00	22.29 0.65 0.00	19.69 0.47 0.00	17.98 0.27 0.00	18.43 0.31 0.00	25.95 0.40 0.00	29.49 0.48 0.00	49.67 0.49 0.00	35.15 0.47 0.00	31.21 0.42 0.00	34.03 0.42 0.00	31.02 0.38 0.00	34.80 0.43 0.00	35.49 0.25 0.00	27.91 0.32 0.00	31.99 0.29 0.00	32.46 0.38 0.00	29.55 0.39 0.00	30.29 0.47 0.00	23.58 0.59 0.00
REGAN___SOLAR 323812	19.33 1.07 0.00	19.06 0.95 0.00	22.71 1.13 0.00	18.07 0.88 0.00	20.58 1.03 0.00	22.79 1.15 0.00	20.30 1.09 0.00	18.82 1.10 0.00	19.31 1.18 0.00	27.41 1.86 0.00	31.19 2.18 0.00	52.77 3.59 0.00	37.19 2.50 0.00	33.16 2.37 0.00	36.24 2.63 0.00	33.13 2.49 0.00	37.20 2.84 0.00	38.32 3.08 0.00	30.07 2.48 0.00	34.48 2.78 0.00	34.77 2.69 0.00	31.39 2.24 0.00	31.93 2.12 0.00	24.57 1.57 0.00

RENSSELAER___COGEN 23796	18.49 0.22 0.00	18.33 0.21 0.00	21.78 0.20 0.00	17.38 0.19 0.00	19.71 0.16 0.00	21.88 0.23 0.00	19.48 0.27 0.00	18.08 0.37 0.00	18.54 0.41 0.00	26.19 0.64 0.00	29.78 0.77 0.00	50.67 1.49 0.00	35.67 0.99 0.00	31.68 0.89 0.00	34.60 0.99 0.00	31.56 0.92 0.00	35.35 0.99 0.00	36.36 1.12 0.00	28.56 0.97 0.00	32.71 1.01 0.00	33.00 0.91 0.00	29.97 0.81 0.00	30.59 0.77 0.00	23.34 0.34 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.13 1.87 0.00	20.03 1.91 0.00	23.50 1.92 0.00	18.75 1.56 0.00	21.32 1.77 0.00	23.75 2.11 0.00	21.10 1.89 0.00	19.90 2.19 0.00	20.57 2.45 0.00	29.26 3.71 0.00	33.31 4.30 0.00	56.43 7.24 0.00	39.70 5.02 0.00	35.08 4.29 0.00	38.22 4.61 0.00	34.97 4.33 0.00	39.15 4.79 0.00	40.18 4.94 0.00	31.70 4.10 0.00	36.42 4.72 0.00	36.67 4.59 0.00	33.05 3.90 0.00	33.87 4.05 0.00	25.65 2.66 0.00
REVERE_CPPR_DRP 24186	18.83 0.57 0.00	18.64 0.52 0.00	22.23 0.66 0.00	17.69 0.50 0.00	20.13 0.58 0.00	22.34 0.70 0.00	19.87 0.66 0.00	18.37 0.66 0.00	18.84 0.72 0.00	26.60 1.06 0.00	31.83 1.23 -1.59	51.28 2.09 0.00	36.21 1.53 0.00	32.17 1.38 0.00	35.07 1.45 0.00	32.00 1.37 0.00	35.94 1.58 0.00	36.93 1.69 0.00	28.95 1.36 0.00	33.17 1.47 0.00	33.55 1.46 0.00	30.37 1.22 0.00	30.97 1.16 0.00	23.87 0.87 0.00
REYNOLDS_115KV_TB3 80639	18.59 0.32 0.00	18.44 0.32 0.00	21.90 0.33 0.00	17.47 0.29 0.00	19.82 0.27 0.00	22.00 0.36 0.00	19.58 0.37 0.00	18.19 0.48 0.00	18.65 0.52 0.00	26.35 0.80 0.00	29.95 0.94 0.00	51.01 1.82 0.00	35.90 1.21 0.00	31.87 1.08 0.00	34.82 1.21 0.00	31.76 1.12 0.00	35.56 1.20 0.00	36.57 1.33 0.00	28.76 1.16 0.00	32.92 1.22 0.00	33.19 1.11 0.00	30.15 0.99 0.00	30.81 0.99 0.00	23.53 0.53 0.00
RIVERBAY____ 323610	562.97 0.79 -543.91	32.28 0.85 -13.31	22.58 1.01 0.00	17.93 0.74 0.00	20.30 0.75 0.00	22.51 0.87 0.00	20.22 1.01 0.00	18.73 1.02 0.00	28.23 0.97 -9.14	133.59 1.28 -106.77	33.31 1.72 -2.58	51.99 2.81 0.00	36.70 2.02 0.00	32.72 1.93 0.00	35.78 2.16 0.00	32.50 1.86 0.00	36.46 2.10 0.00	37.50 2.26 0.00	29.44 1.85 0.00	33.60 1.90 0.00	34.06 1.98 0.00	30.92 1.77 0.00	31.57 1.75 0.00	24.18 1.18 0.00
RIVERSDE_115KV_TB3 55908	18.56 0.29 0.00	18.41 0.29 0.00	21.86 0.29 0.00	17.44 0.25 0.00	19.79 0.23 0.00	21.96 0.32 0.00	19.55 0.34 0.00	18.16 0.44 0.00	18.61 0.49 0.00	26.30 0.75 0.00	29.90 0.89 0.00	50.91 1.73 0.00	35.83 1.14 0.00	31.82 1.03 0.00	34.76 1.15 0.00	31.70 1.06 0.00	35.50 1.14 0.00	36.52 1.28 0.00	28.70 1.11 0.00	32.87 1.17 0.00	33.14 1.06 0.00	30.10 0.94 0.00	30.73 0.92 0.00	23.46 0.46 0.00
ROARING___BROOK_WT_PWR 323790	18.13 -0.14 0.00	17.91 -0.21 0.00	21.39 -0.19 0.00	17.01 -0.18 0.00	19.34 -0.21 0.00	21.42 -0.22 0.00	19.10 -0.11 0.00	17.64 -0.07 0.00	18.04 -0.08 0.00	25.47 -0.08 0.00	28.92 -0.09 0.00	49.05 -0.13 0.00	34.57 -0.11 0.00	30.68 -0.11 0.00	33.48 -0.13 0.00	30.55 -0.09 0.00	34.26 -0.10 0.00	35.12 -0.12 0.00	27.47 -0.12 0.00	31.56 -0.14 0.00	31.96 -0.12 0.00	29.03 -0.12 0.00	29.67 -0.15 0.00	22.77 -0.23 0.00
ROCHESRG_115KV_T4 355643	18.37 0.11 0.00	18.21 0.09 0.00	21.72 0.15 0.00	17.38 0.19 0.00	19.90 0.35 0.00	22.13 0.49 0.00	19.53 0.32 0.00	17.82 0.11 0.00	18.27 0.14 0.00	25.71 0.16 0.00	29.20 0.19 0.00	49.17 -0.01 0.00	34.79 0.11 0.00	30.89 0.09 0.00	33.67 0.06 0.00	30.69 0.05 0.00	34.41 0.05 0.00	35.08 -0.16 0.00	27.60 0.00 0.00	31.62 -0.08 0.00	32.10 0.02 0.00	29.23 0.08 0.00	30.00 0.18 0.00	23.37 0.37 0.00
ROCHESTER_9_IC 23652	18.47 0.20 0.00	18.29 0.17 0.00	21.82 0.24 0.00	17.45 0.27 0.00	19.99 0.44 0.00	22.22 0.58 0.00	19.62 0.41 0.00	17.91 0.20 0.00	18.36 0.24 0.00	25.84 0.29 0.00	29.37 0.36 0.00	49.45 0.26 0.00	35.00 0.31 0.00	31.07 0.27 0.00	33.87 0.26 0.00	30.88 0.23 0.00	34.62 0.26 0.00	35.31 0.06 0.00	27.77 0.17 0.00	31.83 0.13 0.00	32.31 0.22 0.00	29.41 0.25 0.00	30.16 0.34 0.00	23.49 0.50 0.00
ROCKVIEW_13_KV_LD 356306	19.09 0.82 0.00	18.91 0.79 0.00	22.53 0.95 0.00	17.96 0.77 0.00	20.33 0.79 0.00	22.57 0.94 0.00	20.22 1.00 0.00	18.76 1.05 0.00	19.17 1.04 0.00	26.99 1.44 0.00	30.73 1.72 0.00	52.14 2.96 0.00	36.74 2.05 0.00	32.71 1.92 0.00	35.77 2.16 0.00	32.52 1.88 0.00	36.50 2.13 0.00	37.56 2.32 0.00	29.49 1.90 0.00	33.67 1.98 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.60 1.78 0.00	24.16 1.17 0.00
ROME____115KV_TB2 80656	18.83 0.57 0.00	18.64 0.52 0.00	22.23 0.66 0.00	17.69 0.50 0.00	20.13 0.58 0.00	22.34 0.70 0.00	19.87 0.66 0.00	18.37 0.66 0.00	18.84 0.72 0.00	26.60 1.06 0.00	31.83 1.23 -1.59	51.28 2.09 0.00	36.21 1.53 0.00	32.17 1.38 0.00	35.07 1.45 0.00	32.00 1.37 0.00	35.94 1.58 0.00	36.93 1.69 0.00	28.95 1.36 0.00	33.17 1.47 0.00	33.55 1.46 0.00	30.37 1.22 0.00	30.97 1.16 0.00	23.87 0.87 0.00
ROSETON___1 23587	18.89 0.63 0.00	18.74 0.62 0.00	22.30 0.72 0.00	17.77 0.58 0.00	20.13 0.58 0.00	22.35 0.71 0.00	19.97 0.76 0.00	18.52 0.80 0.00	18.94 0.81 0.00	26.69 1.14 0.00	30.37 1.36 0.00	51.54 2.36 0.00	36.32 1.64 0.00	32.32 1.52 0.00	35.33 1.72 0.00	32.13 1.49 0.00	36.04 1.68 0.00	37.07 1.83 0.00	29.12 1.53 0.00	33.29 1.59 0.00	33.65 1.57 0.00	30.58 1.43 0.00	31.22 1.40 0.00	23.89 0.89 0.00
ROSETON___2 23588	18.89 0.63 0.00	18.74 0.62 0.00	22.30 0.72 0.00	17.77 0.58 0.00	20.13 0.58 0.00	22.35 0.71 0.00	19.97 0.76 0.00	18.52 0.80 0.00	18.94 0.81 0.00	26.69 1.14 0.00	30.37 1.36 0.00	51.54 2.36 0.00	36.32 1.64 0.00	32.32 1.52 0.00	35.33 1.72 0.00	32.13 1.49 0.00	36.04 1.68 0.00	37.07 1.83 0.00	29.12 1.53 0.00	33.29 1.59 0.00	33.65 1.57 0.00	30.58 1.43 0.00	31.22 1.40 0.00	23.89 0.89 0.00
ROTTTRDAM_115KV_TB3 80664	18.77 0.51 0.00	18.63 0.51 0.00	22.16 0.58 0.00	17.65 0.46 0.00	20.03 0.49 0.00	22.24 0.60 0.00	19.79 0.57 0.00	18.34 0.63 0.00	18.80 0.68 0.00	26.57 1.02 0.00	30.21 1.20 0.00	51.30 2.11 0.00	36.13 1.44 0.00	32.09 1.30 0.00	35.05 1.44 0.00	31.96 1.33 0.00	35.81 1.45 0.00	36.81 1.57 0.00	28.91 1.32 0.00	33.11 1.41 0.00	33.43 1.35 0.00	30.35 1.20 0.00	31.01 1.19 0.00	23.76 0.76 0.00
RUSSELL___1 23602	18.52 0.26 0.00	18.35 0.23 0.00	21.89 0.31 0.00	17.51 0.32 0.00	20.05 0.50 0.00	22.29 0.65 0.00	19.69 0.47 0.00	17.98 0.26 0.00	18.43 0.30 0.00	25.95 0.40 0.00	29.49 0.48 0.00	49.67 0.49 0.00	35.16 0.47 0.00	31.21 0.42 0.00	34.03 0.42 0.00	31.02 0.38 0.00	34.80 0.43 0.00	35.49 0.25 0.00	27.91 0.32 0.00	31.99 0.29 0.00	32.46 0.38 0.00	29.55 0.40 0.00	30.29 0.47 0.00	23.58 0.59 0.00

RUSSELL___2 23532	18.52 0.26 0.00	18.35 0.23 0.00	21.89 0.31 0.00	17.51 0.32 0.00	20.05 0.50 0.00	22.29 0.65 0.00	19.69 0.47 0.00	17.98 0.26 0.00	18.43 0.30 0.00	25.95 0.40 0.00	29.49 0.48 0.00	49.67 0.49 0.00	35.16 0.47 0.00	31.21 0.42 0.00	34.03 0.42 0.00	31.02 0.38 0.00	34.80 0.43 0.00	35.49 0.25 0.00	27.91 0.32 0.00	31.99 0.29 0.00	32.46 0.38 0.00	29.55 0.40 0.00	30.29 0.47 0.00	23.58 0.59 0.00
RUSSELL___3 23549	18.52 0.26 0.00	18.35 0.23 0.00	21.89 0.31 0.00	17.51 0.32 0.00	20.05 0.50 0.00	22.29 0.65 0.00	19.69 0.47 0.00	17.98 0.26 0.00	18.43 0.30 0.00	25.95 0.40 0.00	29.49 0.48 0.00	49.67 0.49 0.00	35.16 0.47 0.00	31.21 0.42 0.00	34.03 0.42 0.00	31.02 0.38 0.00	34.80 0.43 0.00	35.49 0.25 0.00	27.91 0.32 0.00	31.99 0.29 0.00	32.46 0.38 0.00	29.55 0.40 0.00	30.29 0.47 0.00	23.58 0.59 0.00
RUSSELL___4 23556	18.52 0.26 0.00	18.35 0.23 0.00	21.89 0.31 0.00	17.51 0.32 0.00	20.05 0.50 0.00	22.29 0.65 0.00	19.69 0.47 0.00	17.98 0.26 0.00	18.43 0.30 0.00	25.95 0.40 0.00	29.49 0.48 0.00	49.67 0.49 0.00	35.16 0.47 0.00	31.21 0.42 0.00	34.03 0.42 0.00	31.02 0.38 0.00	34.80 0.43 0.00	35.49 0.25 0.00	27.91 0.32 0.00	31.99 0.29 0.00	32.46 0.38 0.00	29.55 0.40 0.00	30.29 0.47 0.00	23.58 0.59 0.00
RUSSELL___STATION 23914	18.52 0.26 0.00	18.35 0.23 0.00	21.89 0.31 0.00	17.51 0.32 0.00	20.05 0.50 0.00	22.29 0.65 0.00	19.69 0.47 0.00	17.98 0.26 0.00	18.43 0.30 0.00	25.95 0.40 0.00	29.49 0.48 0.00	49.67 0.49 0.00	35.16 0.47 0.00	31.21 0.42 0.00	34.03 0.42 0.00	31.02 0.38 0.00	34.80 0.43 0.00	35.49 0.25 0.00	27.91 0.32 0.00	31.99 0.29 0.00	32.46 0.38 0.00	29.55 0.40 0.00	30.29 0.47 0.00	23.58 0.59 0.00
S SALMON___HYD 24043	18.17 -0.10 0.00	17.98 -0.14 0.00	21.46 -0.12 0.00	17.08 -0.11 0.00	19.45 -0.09 0.00	21.58 -0.06 0.00	19.13 -0.08 0.00	17.59 -0.12 0.00	18.01 -0.12 0.00	25.35 -0.19 0.00	30.57 -0.18 -1.74	48.78 -0.41 0.00	34.45 -0.23 0.00	30.62 -0.17 0.00	33.39 -0.22 0.00	30.39 -0.26 0.00	34.07 -0.30 0.00	34.96 -0.28 0.00	27.42 -0.17 0.00	31.46 -0.24 0.00	31.86 -0.22 0.00	28.97 -0.18 0.00	29.72 -0.10 0.00	23.00 0.00 0.00
S.PERRY___115KV_TB1 80734	19.12 0.85 0.00	18.92 0.80 0.00	22.59 1.01 0.00	18.04 0.85 0.00	20.67 1.11 0.00	23.01 1.37 0.00	20.33 1.11 0.00	18.54 0.82 0.00	19.06 0.94 0.00	26.77 1.22 0.00	30.39 1.38 0.00	51.27 2.09 0.00	36.16 1.48 0.00	32.23 1.44 0.00	35.17 1.56 0.00	32.13 1.49 0.00	36.06 1.70 0.00	36.83 1.59 0.00	29.01 1.42 0.00	33.31 1.61 0.00	33.83 1.75 0.00	30.72 1.57 0.00	31.38 1.57 0.00	24.33 1.33 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.55 0.28 0.00	18.38 0.26 0.00	21.96 0.39 0.00	17.60 0.42 0.00	20.25 0.70 0.00	22.54 0.90 0.00	19.83 0.62 0.00	17.98 0.27 0.00	18.41 0.28 0.00	25.91 0.36 0.00	29.41 0.40 0.00	49.29 0.11 0.00	34.96 0.28 0.00	31.05 0.25 0.00	33.80 0.19 0.00	30.83 0.18 0.00	34.53 0.17 0.00	35.02 -0.22 0.00	27.57 -0.02 0.00	31.65 -0.05 0.00	32.23 0.15 0.00	29.45 0.30 0.00	30.29 0.47 0.00	23.71 0.71 0.00
SAWYER___23_KV_LOAD 55526	18.55 0.28 0.00	18.38 0.26 0.00	21.96 0.39 0.00	17.60 0.42 0.00	20.25 0.70 0.00	22.54 0.90 0.00	19.83 0.62 0.00	17.98 0.27 0.00	18.41 0.28 0.00	25.91 0.36 0.00	29.41 0.40 0.00	49.29 0.11 0.00	34.96 0.28 0.00	31.05 0.25 0.00	33.80 0.19 0.00	30.83 0.18 0.00	34.53 0.17 0.00	35.02 -0.22 0.00	27.57 -0.02 0.00	31.65 -0.05 0.00	32.23 0.15 0.00	29.45 0.30 0.00	30.29 0.47 0.00	23.71 0.71 0.00
SELKIRK___I 23801	18.69 0.43 0.00	18.55 0.43 0.00	22.07 0.49 0.00	17.56 0.37 0.00	19.93 0.38 0.00	22.12 0.48 0.00	19.68 0.47 0.00	18.25 0.54 0.00	18.71 0.58 0.00	26.42 0.87 0.00	30.05 1.03 0.00	51.08 1.89 0.00	35.96 1.27 0.00	31.94 1.15 0.00	34.88 1.27 0.00	31.82 1.17 0.00	35.65 1.28 0.00	36.64 1.40 0.00	28.77 1.18 0.00	32.95 1.25 0.00	33.27 1.19 0.00	30.21 1.06 0.00	30.86 1.04 0.00	23.59 0.59 0.00
SELKIRK___II 23799	18.57 0.31 0.00	18.43 0.31 0.00	21.92 0.34 0.00	17.45 0.27 0.00	19.80 0.25 0.00	21.97 0.34 0.00	19.56 0.35 0.00	18.14 0.43 0.00	18.59 0.47 0.00	26.26 0.71 0.00	29.86 0.84 0.00	50.77 1.58 0.00	35.74 1.06 0.00	31.75 0.96 0.00	34.68 1.07 0.00	31.62 0.98 0.00	35.42 1.06 0.00	36.42 1.17 0.00	28.60 1.01 0.00	32.76 1.06 0.00	33.08 0.99 0.00	30.03 0.88 0.00	30.68 0.86 0.00	23.45 0.45 0.00
SENECA OSWGO___HYD 24041	18.09 -0.17 0.00	17.94 -0.18 0.00	21.39 -0.19 0.00	17.04 -0.15 0.00	19.41 -0.14 0.00	21.52 -0.12 0.00	19.02 -0.19 0.00	17.47 -0.24 0.00	17.88 -0.24 0.00	25.14 -0.41 0.00	28.56 -0.46 0.00	48.32 -0.87 0.00	34.12 -0.56 0.00	30.34 -0.46 0.00	33.08 -0.54 0.00	30.13 -0.51 0.00	33.77 -0.59 0.00	34.62 -0.63 0.00	27.14 -0.45 0.00	31.13 -0.57 0.00	31.53 -0.55 0.00	28.66 -0.49 0.00	29.39 -0.43 0.00	22.82 -0.17 0.00
SENECA___115KV_TB3 355854	18.79 0.52 0.00	18.61 0.49 0.00	22.23 0.66 0.00	17.81 0.62 0.00	20.48 0.93 0.00	22.80 1.16 0.00	20.07 0.85 0.00	18.22 0.50 0.00	18.64 0.52 0.00	26.26 0.71 0.00	29.81 0.80 0.00	49.96 0.77 0.00	35.44 0.76 0.00	31.51 0.72 0.00	34.31 0.70 0.00	31.31 0.67 0.00	35.06 0.70 0.00	35.59 0.35 0.00	28.01 0.42 0.00	32.17 0.47 0.00	32.76 0.67 0.00	29.91 0.75 0.00	30.70 0.88 0.00	24.01 1.01 0.00
SENECA___ENERGY 23797	18.44 0.18 0.00	18.30 0.18 0.00	21.80 0.23 0.00	17.40 0.21 0.00	19.86 0.31 0.00	22.06 0.42 0.00	19.55 0.33 0.00	17.93 0.22 0.00	18.36 0.24 0.00	25.86 0.31 0.00	29.35 0.34 0.00	49.49 0.30 0.00	35.10 0.42 0.00	31.19 0.40 0.00	34.03 0.42 0.00	31.08 0.44 0.00	34.84 0.48 0.00	35.61 0.37 0.00	27.97 0.37 0.00	31.99 0.29 0.00	32.46 0.38 0.00	29.54 0.39 0.00	30.14 0.32 0.00	23.36 0.36 0.00
SHOEMAKER___GT 23640	18.86 0.59 0.00	18.71 0.59 0.00	22.26 0.69 0.00	17.73 0.55 0.00	20.11 0.56 0.00	22.33 0.69 0.00	19.94 0.73 0.00	18.45 0.74 0.00	18.89 0.76 0.00	26.62 1.07 0.00	30.26 1.25 0.00	51.35 2.16 0.00	36.22 1.53 0.00	32.23 1.44 0.00	35.20 1.59 0.00	32.02 1.38 0.00	35.91 1.55 0.00	36.95 1.70 0.00	29.01 1.41 0.00	33.18 1.48 0.00	33.56 1.48 0.00	30.49 1.34 0.00	31.09 1.27 0.00	23.82 0.82 0.00
SHOEMAKR_138KV_BK 111 55601	18.85 0.59 0.00	18.71 0.59 0.00	22.26 0.69 0.00	17.73 0.54 0.00	20.11 0.56 0.00	22.32 0.68 0.00	19.93 0.72 0.00	18.45 0.74 0.00	18.88 0.76 0.00	26.60 1.05 0.00	30.26 1.25 0.00	51.32 2.14 0.00	36.20 1.51 0.00	32.20 1.41 0.00	35.18 1.57 0.00	32.00 1.36 0.00	35.88 1.52 0.00	36.92 1.68 0.00	29.00 1.40 0.00	33.16 1.46 0.00	33.54 1.46 0.00	30.47 1.32 0.00	31.07 1.26 0.00	23.82 0.82 0.00

SHOREHAM_IC_1 23715	19.20 0.94 0.00	18.97 0.85 0.00	22.49 0.91 0.00	18.14 0.96 0.00	20.28 0.73 0.00	21.67 0.76 0.73	20.13 0.92 0.00	18.77 1.06 0.00	19.42 1.29 0.00	27.40 1.85 0.00	33.57 1.97 -2.59	52.45 3.27 0.00	36.95 2.27 0.00	32.72 1.93 0.00	36.07 2.46 0.00	32.84 2.20 0.00	39.54 3.17 -2.01	46.17 3.28 -7.65	34.95 2.57 -4.78	34.39 2.69 0.00	34.32 2.24 0.00	31.24 2.08 0.00	31.91 2.09 0.00	24.17 1.17 0.00
SHOREHAM_IC_2 23716	19.20 0.94 0.00	18.97 0.85 0.00	22.49 0.91 0.00	18.14 0.96 0.00	20.28 0.73 0.00	21.67 0.76 0.73	20.13 0.92 0.00	18.77 1.06 0.00	19.42 1.29 0.00	27.40 1.85 0.00	33.57 1.97 -2.59	52.45 3.27 0.00	36.95 2.27 0.00	32.72 1.93 0.00	36.07 2.46 0.00	32.84 2.20 0.00	39.54 3.17 -2.01	46.17 3.28 -7.65	34.95 2.57 -4.78	34.39 2.69 0.00	34.32 2.24 0.00	31.24 2.08 0.00	31.91 2.09 0.00	24.17 1.17 0.00
SISSONVILLE____ 23735	18.31 0.05 0.00	18.13 0.01 0.00	21.58 0.00 0.00	17.18 -0.01 0.00	19.46 -0.09 0.00	21.20 -0.44 0.00	18.87 -0.34 0.00	17.35 -0.36 0.00	17.74 -0.39 0.00	25.09 -0.46 0.00	44.20 -0.60 -15.78	48.44 -0.75 0.00	34.04 -0.64 0.00	30.11 -0.68 0.00	32.88 -0.73 0.00	30.03 -0.61 0.00	33.78 -0.58 0.00	34.63 -0.61 0.00	27.07 -0.52 0.00	31.21 -0.49 0.00	31.59 -0.49 0.00	28.83 -0.32 0.00	29.74 -0.08 0.00	22.93 -0.07 0.00
SITHE_IND_GS1 24169	17.88 -0.39 0.00	17.74 -0.37 0.00	21.14 -0.43 0.00	16.85 -0.34 0.00	19.19 -0.36 0.00	21.25 -0.38 0.00	18.77 -0.43 0.00	17.23 -0.48 0.00	17.62 -0.50 0.00	24.78 -0.77 0.00	28.11 -0.90 0.00	47.54 -1.64 0.00	33.57 -1.11 0.00	29.83 -0.97 0.00	32.54 -1.07 0.00	29.67 -0.97 0.00	33.25 -1.11 0.00	34.09 -1.16 0.00	26.72 -0.87 0.00	30.64 -1.06 0.00	31.04 -1.04 0.00	28.21 -0.94 0.00	28.94 -0.88 0.00	22.51 -0.48 0.00
SITHE_IND_GS2 24170	17.88 -0.39 0.00	17.74 -0.37 0.00	21.14 -0.43 0.00	16.85 -0.34 0.00	19.19 -0.36 0.00	21.25 -0.38 0.00	18.77 -0.43 0.00	17.23 -0.48 0.00	17.62 -0.50 0.00	24.78 -0.77 0.00	28.11 -0.90 0.00	47.54 -1.64 0.00	33.57 -1.11 0.00	29.83 -0.97 0.00	32.54 -1.07 0.00	29.67 -0.97 0.00	33.25 -1.11 0.00	34.09 -1.16 0.00	26.72 -0.87 0.00	30.64 -1.06 0.00	31.04 -1.04 0.00	28.21 -0.94 0.00	28.94 -0.88 0.00	22.51 -0.48 0.00
SITHE_IND_GS3 24171	17.88 -0.39 0.00	17.74 -0.37 0.00	21.14 -0.43 0.00	16.85 -0.34 0.00	19.19 -0.36 0.00	21.25 -0.38 0.00	18.77 -0.43 0.00	17.23 -0.48 0.00	17.62 -0.50 0.00	24.78 -0.77 0.00	28.11 -0.90 0.00	47.54 -1.64 0.00	33.57 -1.11 0.00	29.83 -0.97 0.00	32.54 -1.07 0.00	29.67 -0.97 0.00	33.25 -1.11 0.00	34.09 -1.16 0.00	26.72 -0.87 0.00	30.64 -1.06 0.00	31.04 -1.04 0.00	28.21 -0.94 0.00	28.94 -0.88 0.00	22.51 -0.48 0.00
SITHE_IND_GS4 24172	17.88 -0.39 0.00	17.74 -0.37 0.00	21.14 -0.43 0.00	16.85 -0.34 0.00	19.19 -0.36 0.00	21.25 -0.38 0.00	18.77 -0.43 0.00	17.23 -0.48 0.00	17.62 -0.50 0.00	24.78 -0.77 0.00	28.11 -0.90 0.00	47.54 -1.64 0.00	33.57 -1.11 0.00	29.83 -0.97 0.00	32.54 -1.07 0.00	29.67 -0.97 0.00	33.25 -1.11 0.00	34.09 -1.16 0.00	26.72 -0.87 0.00	30.64 -1.06 0.00	31.04 -1.04 0.00	28.21 -0.94 0.00	28.94 -0.88 0.00	22.51 -0.48 0.00
SITHE____BATAVIA 24024	18.84 0.58 0.00	18.65 0.54 0.00	22.28 0.70 0.00	17.84 0.65 0.00	20.51 0.96 0.00	22.83 1.19 0.00	20.13 0.91 0.00	18.29 0.57 0.00	18.73 0.60 0.00	26.38 0.83 0.00	30.01 1.00 0.00	50.32 1.13 0.00	35.64 0.96 0.00	31.65 0.86 0.00	34.49 0.88 0.00	31.45 0.80 0.00	35.27 0.91 0.00	35.88 0.64 0.00	28.28 0.69 0.00	32.41 0.71 0.00	32.96 0.88 0.00	30.03 0.87 0.00	30.81 0.99 0.00	24.06 1.06 0.00
SITHE____INDEPEND 23800	17.88 -0.39 0.00	17.74 -0.37 0.00	21.14 -0.43 0.00	16.85 -0.34 0.00	19.19 -0.35 0.00	21.25 -0.38 0.00	18.77 -0.43 0.00	17.23 -0.48 0.00	17.62 -0.50 0.00	24.78 -0.77 0.00	28.11 -0.90 0.00	47.54 -1.64 0.00	33.57 -1.11 0.00	29.83 -0.96 0.00	32.54 -1.07 0.00	29.67 -0.97 0.00	33.25 -1.11 0.00	34.08 -1.16 0.00	26.72 -0.87 0.00	30.64 -1.06 0.00	31.04 -1.04 0.00	28.21 -0.94 0.00	28.94 -0.88 0.00	22.51 -0.48 0.00
SITHE____MASSENA 23902	18.35 0.08 0.00	18.18 0.06 0.00	21.64 0.06 0.00	17.24 0.05 0.00	19.62 0.07 0.00	21.56 -0.08 0.00	19.17 -0.05 0.00	17.65 -0.06 0.00	18.05 -0.08 0.00	25.48 -0.06 0.00	30.81 -0.33 -2.13	49.04 -0.14 0.00	34.58 -0.11 0.00	30.60 -0.19 0.00	33.41 -0.20 0.00	30.49 -0.15 0.00	34.26 -0.11 0.00	35.06 -0.18 0.00	27.39 -0.21 0.00	31.58 -0.12 0.00	31.98 -0.10 0.00	29.09 -0.06 0.00	29.79 -0.03 0.00	22.95 -0.05 0.00
SITHE____OGDNSBRG 24021	18.92 0.65 0.00	18.70 0.58 0.00	22.27 0.69 0.00	17.72 0.53 0.00	20.11 0.56 0.00	21.94 0.30 0.00	19.56 0.34 0.00	18.01 0.29 0.00	18.46 0.34 0.00	26.13 0.58 0.00	45.43 0.64 -15.78	50.26 1.08 0.00	35.32 0.64 0.00	31.19 0.40 0.00	34.11 0.50 0.00	31.24 0.60 0.00	35.24 0.88 0.00	36.23 0.99 0.00	28.37 0.78 0.00	32.68 0.98 0.00	33.05 0.96 0.00	30.05 0.90 0.00	30.87 1.05 0.00	23.75 0.75 0.00
SITHE____STERLING 23777	18.76 0.50 0.00	18.59 0.47 0.00	22.16 0.58 0.00	17.64 0.45 0.00	20.08 0.54 0.00	22.28 0.64 0.00	19.80 0.59 0.00	18.29 0.58 0.00	18.76 0.63 0.00	26.46 0.91 0.00	31.23 1.06 -1.16	50.98 1.80 0.00	36.00 1.32 0.00	31.99 1.20 0.00	34.86 1.25 0.00	31.83 1.18 0.00	35.73 1.37 0.00	36.69 1.44 0.00	28.76 1.17 0.00	32.94 1.24 0.00	33.32 1.23 0.00	30.20 1.04 0.00	30.81 0.99 0.00	23.74 0.75 0.00
SLEIGHT__34_KV_TB1 80719	18.30 0.04 0.00	18.16 0.04 0.00	21.64 0.06 0.00	17.29 0.10 0.00	19.77 0.22 0.00	21.95 0.31 0.00	19.42 0.21 0.00	17.80 0.09 0.00	18.23 0.10 0.00	25.67 0.12 0.00	29.16 0.14 0.00	49.20 0.01 0.00	34.84 0.15 0.00	30.92 0.13 0.00	33.76 0.14 0.00	30.76 0.12 0.00	34.54 0.18 0.00	35.30 0.05 0.00	27.73 0.14 0.00	31.72 0.02 0.00	32.15 0.07 0.00	29.25 0.10 0.00	29.91 0.09 0.00	23.23 0.23 0.00
SOUTH CAIRO____GT 23612	19.09 0.82 0.00	18.90 0.78 0.00	22.45 0.87 0.00	17.89 0.69 0.00	20.30 0.76 0.00	22.55 0.92 0.00	20.10 0.89 0.00	18.69 0.98 0.00	19.26 1.14 0.00	27.28 1.73 0.00	31.10 2.09 0.00	52.86 3.67 0.00	37.26 2.57 0.00	33.06 2.26 0.00	36.10 2.49 0.00	32.99 2.34 0.00	36.99 2.62 0.00	38.11 2.87 0.00	29.96 2.37 0.00	34.26 2.56 0.00	34.50 2.42 0.00	31.21 2.05 0.00	31.76 1.95 0.00	24.18 1.19 0.00
SOUTH HAMPTN____IC 23720	19.52 1.25 0.00	19.26 1.14 0.00	22.82 1.24 0.00	18.39 1.20 0.00	20.58 1.03 0.00	22.03 1.12 0.73	20.45 1.24 0.00	19.07 1.36 0.00	19.73 1.61 0.00	27.88 2.33 0.00	34.15 2.55 -2.59	53.45 4.27 0.00	37.66 2.98 0.00	33.33 2.54 0.00	36.73 3.11 0.00	33.46 2.82 0.00	40.20 3.83 -2.01	46.90 4.01 -7.65	35.52 3.15 -4.78	35.02 3.32 0.00	34.96 2.88 0.00	31.79 2.64 0.00	32.44 2.62 0.00	24.55 1.56 0.00

SOUTHDOWN_115KV_TB1 355954	19.46 1.19 0.00	19.22 1.10 0.00	22.91 1.33 0.00	18.28 1.10 0.00	21.02 1.47 0.00	23.38 1.74 0.00	20.63 1.42 0.00	18.90 1.19 0.00	19.26 1.13 0.00	27.34 1.79 0.00	30.96 1.95 0.00	51.90 2.71 0.00	36.89 2.21 0.00	32.89 2.09 0.00	35.81 2.19 0.00	32.76 2.11 0.00	36.69 2.33 0.00	37.31 2.07 0.00	29.36 1.77 0.00	33.77 2.07 0.00	34.34 2.26 0.00	31.26 2.10 0.00	31.92 2.10 0.00	24.90 1.90 0.00
SOUTHOLD_69_KV_BK 2 55809	19.73 1.46 0.00	19.46 1.34 0.00	23.04 1.46 0.00	18.56 1.38 0.00	20.78 1.23 0.00	22.26 1.35 0.73	20.66 1.45 0.00	19.28 1.57 0.00	19.94 1.82 0.00	28.23 2.68 0.00	34.55 2.96 -2.58	54.18 4.99 0.00	38.16 3.48 0.00	33.77 2.98 0.00	37.20 3.59 0.00	33.91 3.27 0.00	40.70 4.33 -2.01	47.42 4.53 -7.65	35.94 3.57 -4.78	35.47 3.77 0.00	35.40 3.32 0.00	32.18 3.03 0.00	32.81 2.99 0.00	24.82 1.82 0.00
SOUTHOLD___IC 23719	19.73 1.46 0.00	19.46 1.34 0.00	23.04 1.46 0.00	18.57 1.38 0.00	20.78 1.23 0.00	22.26 1.35 0.73	20.66 1.45 0.00	19.27 1.56 0.00	19.95 1.83 0.00	28.23 2.68 0.00	34.55 2.96 -2.59	54.18 4.99 0.00	38.16 3.48 0.00	33.77 2.98 0.00	37.20 3.59 0.00	33.91 3.27 0.00	40.70 4.33 -2.01	47.42 4.53 -7.65	35.94 3.57 -4.78	35.47 3.77 0.00	35.41 3.33 0.00	32.18 3.03 0.00	32.81 2.99 0.00	24.82 1.82 0.00
SPIERFLS_115KV_TB 1 80737	19.01 0.74 0.00	18.85 0.73 0.00	22.32 0.75 0.00	17.79 0.61 0.00	20.21 0.66 0.00	22.49 0.85 0.00	20.00 0.78 0.00	18.64 0.93 0.00	19.21 1.09 0.00	27.30 1.75 0.00	31.07 2.06 0.00	52.63 3.45 0.00	37.00 2.32 0.00	32.84 2.05 0.00	35.85 2.24 0.00	32.76 2.11 0.00	36.69 2.33 0.00	37.71 2.47 0.00	29.66 2.07 0.00	33.97 2.27 0.00	34.22 2.13 0.00	30.96 1.81 0.00	31.64 1.82 0.00	24.14 1.15 0.00
ST LAWRENCE____ 23600	18.15 -0.12 0.00	17.99 -0.13 0.00	21.41 -0.16 0.00	17.06 -0.13 0.00	19.42 -0.13 0.00	21.37 -0.27 0.00	19.00 -0.21 0.00	17.50 -0.21 0.00	17.89 -0.23 0.00	25.27 -0.28 0.00	28.65 -0.36 0.00	48.65 -0.53 0.00	34.28 -0.41 0.00	30.35 -0.44 0.00	33.12 -0.50 0.00	30.21 -0.43 0.00	33.95 -0.42 0.00	34.75 -0.50 0.00	27.14 -0.46 0.00	31.30 -0.40 0.00	31.71 -0.38 0.00	28.83 -0.33 0.00	29.49 -0.33 0.00	22.71 -0.29 0.00
STATE_CA_115KV_115_LB 55624	18.59 0.32 0.00	18.43 0.31 0.00	21.89 0.31 0.00	17.47 0.28 0.00	19.82 0.27 0.00	21.99 0.35 0.00	19.58 0.37 0.00	18.18 0.46 0.00	18.64 0.52 0.00	26.34 0.79 0.00	29.96 0.95 0.00	50.99 1.80 0.00	35.89 1.21 0.00	31.89 1.09 0.00	34.83 1.22 0.00	31.76 1.12 0.00	35.59 1.23 0.00	36.61 1.37 0.00	28.76 1.17 0.00	32.92 1.23 0.00	33.21 1.13 0.00	30.15 0.99 0.00	30.77 0.95 0.00	23.47 0.48 0.00
STATE_ST_34_KV_LOAD 55959	18.60 0.34 0.00	18.52 0.40 0.00	22.00 0.42 0.00	17.59 0.40 0.00	20.07 0.53 0.00	22.21 0.57 0.00	19.72 0.51 0.00	18.12 0.41 0.00	18.49 0.36 0.00	26.09 0.54 0.00	29.56 0.55 0.00	49.92 0.73 0.00	35.46 0.78 0.00	31.41 0.61 0.00	34.35 0.73 0.00	31.27 0.63 0.00	35.16 0.80 0.00	36.04 0.80 0.00	28.28 0.69 0.00	32.26 0.56 0.00	32.68 0.60 0.00	29.81 0.65 0.00	30.34 0.52 0.00	23.57 0.57 0.00
STATION 5_MISC_HYD 23604	18.47 0.20 0.00	18.29 0.17 0.00	21.82 0.24 0.00	17.45 0.27 0.00	19.99 0.44 0.00	22.22 0.58 0.00	19.62 0.41 0.00	17.92 0.21 0.00	18.37 0.24 0.00	25.85 0.30 0.00	29.37 0.36 0.00	49.45 0.26 0.00	35.00 0.31 0.00	31.07 0.27 0.00	33.87 0.26 0.00	30.88 0.23 0.00	34.62 0.26 0.00	35.31 0.06 0.00	27.77 0.17 0.00	31.83 0.13 0.00	32.30 0.22 0.00	29.40 0.25 0.00	30.16 0.34 0.00	23.49 0.50 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.54 0.27 0.00	18.37 0.26 0.00	21.91 0.34 0.00	17.51 0.32 0.00	20.02 0.47 0.00	22.25 0.61 0.00	19.68 0.47 0.00	18.03 0.31 0.00	18.48 0.35 0.00	26.02 0.47 0.00	29.57 0.56 0.00	49.83 0.65 0.00	35.29 0.60 0.00	31.35 0.56 0.00	34.18 0.57 0.00	31.19 0.55 0.00	34.97 0.61 0.00	35.72 0.48 0.00	28.07 0.48 0.00	32.14 0.44 0.00	32.61 0.52 0.00	29.65 0.50 0.00	30.31 0.50 0.00	23.54 0.55 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.34 0.08 0.00	18.18 0.06 0.00	21.68 0.11 0.00	17.33 0.15 0.00	19.85 0.30 0.00	22.06 0.42 0.00	19.49 0.27 0.00	17.80 0.09 0.00	18.25 0.12 0.00	25.69 0.14 0.00	29.19 0.18 0.00	49.17 -0.01 0.00	34.80 0.11 0.00	30.90 0.11 0.00	33.69 0.08 0.00	30.71 0.07 0.00	34.44 0.08 0.00	35.14 -0.10 0.00	27.63 0.04 0.00	31.66 -0.04 0.00	32.12 0.04 0.00	29.24 0.08 0.00	29.97 0.16 0.00	23.33 0.34 0.00
STA_56___34_KV_BUS2 355983	18.34 0.08 0.00	18.18 0.06 0.00	21.68 0.11 0.00	17.33 0.15 0.00	19.85 0.30 0.00	22.06 0.42 0.00	19.49 0.27 0.00	17.80 0.09 0.00	18.25 0.12 0.00	25.69 0.14 0.00	29.19 0.18 0.00	49.17 -0.01 0.00	34.80 0.11 0.00	30.90 0.11 0.00	33.69 0.08 0.00	30.71 0.07 0.00	34.44 0.08 0.00	35.14 -0.10 0.00	27.63 0.04 0.00	31.66 -0.04 0.00	32.12 0.04 0.00	29.24 0.08 0.00	29.97 0.16 0.00	23.33 0.34 0.00
STA_67___115KV_BK2 355882	18.43 0.16 0.00	18.26 0.14 0.00	21.79 0.21 0.00	17.43 0.24 0.00	19.96 0.41 0.00	22.19 0.55 0.00	19.59 0.38 0.00	17.89 0.17 0.00	18.33 0.20 0.00	25.79 0.25 0.00	29.31 0.30 0.00	49.35 0.16 0.00	34.93 0.24 0.00	31.00 0.21 0.00	33.80 0.18 0.00	30.81 0.16 0.00	34.55 0.18 0.00	35.23 -0.02 0.00	27.70 0.11 0.00	31.75 0.05 0.00	32.23 0.15 0.00	29.35 0.19 0.00	30.10 0.28 0.00	23.45 0.46 0.00
STA_7___115KV_9TRANS 80674	18.52 0.26 0.00	18.35 0.23 0.00	21.89 0.31 0.00	17.51 0.32 0.00	20.05 0.50 0.00	22.29 0.65 0.00	19.69 0.47 0.00	17.98 0.26 0.00	18.43 0.30 0.00	25.95 0.40 0.00	29.49 0.48 0.00	49.67 0.49 0.00	35.16 0.47 0.00	31.21 0.42 0.00	34.03 0.42 0.00	31.02 0.38 0.00	34.80 0.43 0.00	35.49 0.25 0.00	27.91 0.32 0.00	31.99 0.29 0.00	32.46 0.38 0.00	29.55 0.40 0.00	30.29 0.47 0.00	23.58 0.59 0.00
STA_82___115KV_TB1 80780	18.45 0.18 0.00	18.27 0.16 0.00	21.80 0.22 0.00	17.43 0.25 0.00	19.97 0.42 0.00	22.21 0.56 0.00	19.60 0.39 0.00	17.89 0.18 0.00	18.34 0.21 0.00	25.81 0.26 0.00	29.33 0.32 0.00	49.38 0.20 0.00	34.95 0.27 0.00	31.03 0.23 0.00	33.82 0.21 0.00	30.83 0.19 0.00	34.57 0.21 0.00	35.25 0.00 0.00	27.73 0.13 0.00	31.77 0.07 0.00	32.25 0.17 0.00	29.37 0.21 0.00	30.13 0.31 0.00	23.46 0.47 0.00
STEEL___WIND 323596	18.78 0.52 0.00	18.59 0.48 0.00	22.22 0.64 0.00	17.80 0.61 0.00	20.47 0.92 0.00	22.79 1.15 0.00	20.05 0.84 0.00	18.22 0.51 0.00	18.64 0.52 0.00	26.24 0.69 0.00	29.77 0.76 0.00	49.90 0.71 0.00	35.40 0.71 0.00	31.49 0.69 0.00	34.28 0.67 0.00	31.28 0.64 0.00	35.03 0.67 0.00	35.56 0.31 0.00	27.98 0.39 0.00	32.14 0.44 0.00	32.73 0.64 0.00	29.87 0.72 0.00	30.68 0.86 0.00	23.99 0.99 0.00

STEPHTWN_115KV_BK_2 55603	18.64 0.37 0.00	18.46 0.34 0.00	21.93 0.36 0.00	17.51 0.32 0.00	19.87 0.32 0.00	22.09 0.45 0.00	19.66 0.45 0.00	18.30 0.59 0.00	18.78 0.66 0.00	26.57 1.02 0.00	30.17 1.16 0.00	51.36 2.18 0.00	36.06 1.38 0.00	32.01 1.22 0.00	35.06 1.45 0.00	31.96 1.32 0.00	35.87 1.51 0.00	36.89 1.65 0.00	28.89 1.30 0.00	33.19 1.49 0.00	33.34 1.26 0.00	30.32 1.16 0.00	30.90 1.08 0.00	23.57 0.58 0.00
STEBEN_REC_LFGE 323667	19.08 0.82 0.00	18.90 0.78 0.00	22.61 1.03 0.00	18.02 0.83 0.00	20.62 1.07 0.00	22.92 1.28 0.00	20.26 1.05 0.00	18.42 0.71 0.00	18.93 0.80 0.00	26.54 0.99 0.00	30.01 1.00 0.00	50.87 1.68 0.00	36.10 1.41 0.00	32.23 1.44 0.00	35.15 1.54 0.00	32.15 1.51 0.00	35.96 1.60 0.00	36.61 1.37 0.00	28.77 1.18 0.00	33.11 1.41 0.00	33.71 1.63 0.00	30.64 1.48 0.00	31.27 1.45 0.00	24.18 1.19 0.00
STILLWATER___SOLAR 323814	18.98 0.72 0.00	18.84 0.72 0.00	22.35 0.78 0.00	17.82 0.63 0.00	20.23 0.68 0.00	22.48 0.84 0.00	20.00 0.79 0.00	18.59 0.87 0.00	19.10 0.97 0.00	27.05 1.50 0.00	30.75 1.74 0.00	52.20 3.02 0.00	36.76 2.07 0.00	32.62 1.83 0.00	35.65 2.03 0.00	32.53 1.89 0.00	36.43 2.07 0.00	37.47 2.22 0.00	29.42 1.83 0.00	33.70 2.00 0.00	33.98 1.89 0.00	30.81 1.65 0.00	31.48 1.66 0.00	24.07 1.08 0.00
STONY___BROOK 24151	19.19 0.92 0.00	18.96 0.84 0.00	22.47 0.89 0.00	18.06 0.87 0.00	20.25 0.71 0.00	21.64 0.82 0.82	20.17 0.96 0.00	18.79 1.08 0.00	19.35 1.23 0.00	27.32 1.77 0.00	33.66 2.06 -2.59	52.59 3.41 0.00	37.04 2.35 0.00	32.83 2.03 0.00	36.11 2.50 0.00	32.84 2.20 0.00	39.28 2.91 -2.01	46.02 3.13 -7.65	34.89 2.51 -4.78	34.25 2.55 0.00	34.34 2.26 0.00	31.27 2.11 0.00	31.99 2.17 0.00	24.23 1.23 0.00
STURGEON_POOL_HYD 23609	18.94 0.68 0.00	18.79 0.67 0.00	22.36 0.78 0.00	17.80 0.62 0.00	20.17 0.62 0.00	22.40 0.75 0.00	20.03 0.82 0.00	18.57 0.86 0.00	18.99 0.86 0.00	26.75 1.20 0.00	30.45 1.44 0.00	51.70 2.52 0.00	36.42 1.74 0.00	32.43 1.64 0.00	35.44 1.83 0.00	32.22 1.58 0.00	36.15 1.79 0.00	37.20 1.96 0.00	29.24 1.65 0.00	33.40 1.70 0.00	33.79 1.70 0.00	30.70 1.54 0.00	31.32 1.50 0.00	23.98 0.98 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.91 0.65 0.00	18.76 0.65 0.00	22.32 0.74 0.00	17.78 0.59 0.00	20.16 0.61 0.00	22.38 0.74 0.00	20.01 0.79 0.00	18.52 0.81 0.00	18.95 0.82 0.00	26.68 1.13 0.00	30.33 1.32 0.00	51.48 2.29 0.00	36.30 1.62 0.00	32.31 1.52 0.00	35.29 1.68 0.00	32.09 1.45 0.00	36.00 1.64 0.00	37.06 1.82 0.00	29.12 1.52 0.00	33.28 1.58 0.00	33.66 1.58 0.00	30.59 1.44 0.00	31.17 1.35 0.00	23.87 0.87 0.00
SWANROAD_115KV_TB1 355699	18.28 0.01 0.00	18.10 -0.01 0.00	21.64 0.07 0.00	17.36 0.18 0.00	20.00 0.46 0.00	22.28 0.63 0.00	19.56 0.35 0.00	17.66 -0.05 0.00	18.02 -0.10 0.00	25.37 -0.18 0.00	28.82 -0.19 0.00	48.21 -0.97 0.00	34.23 -0.45 0.00	30.38 -0.41 0.00	33.06 -0.55 0.00	30.14 -0.50 0.00	33.75 -0.62 0.00	34.17 -1.07 0.00	26.95 -0.64 0.00	30.90 -0.80 0.00	31.50 -0.58 0.00	28.82 -0.33 0.00	29.69 -0.13 0.00	23.27 0.27 0.00
SYNERGY___BIOGAS 323694	18.84 0.58 0.00	18.65 0.54 0.00	22.28 0.70 0.00	17.84 0.65 0.00	20.51 0.96 0.00	22.83 1.19 0.00	20.13 0.91 0.00	18.29 0.57 0.00	18.73 0.60 0.00	26.38 0.83 0.00	30.01 1.00 0.00	50.32 1.13 0.00	35.64 0.96 0.00	31.65 0.86 0.00	34.49 0.88 0.00	31.45 0.80 0.00	35.27 0.91 0.00	35.88 0.64 0.00	28.28 0.69 0.00	32.41 0.71 0.00	32.96 0.88 0.00	30.03 0.87 0.00	30.81 0.99 0.00	24.06 1.06 0.00
SYRACUSE___ENERGY_ST1 323597	18.41 0.14 0.00	18.27 0.15 0.00	21.77 0.19 0.00	17.35 0.16 0.00	19.77 0.22 0.00	21.92 0.28 0.00	19.41 0.20 0.00	17.84 0.12 0.00	18.24 0.12 0.00	25.67 0.12 0.00	29.15 0.14 0.00	49.30 0.11 0.00	34.87 0.18 0.00	30.98 0.18 0.00	33.82 0.21 0.00	30.84 0.19 0.00	34.58 0.22 0.00	35.45 0.20 0.00	27.80 0.21 0.00	31.83 0.13 0.00	32.24 0.16 0.00	29.31 0.15 0.00	29.96 0.15 0.00	23.23 0.23 0.00
SYRACUSE___ENERGY_ST2 323598	18.41 0.14 0.00	18.27 0.15 0.00	21.77 0.19 0.00	17.35 0.16 0.00	19.77 0.22 0.00	21.92 0.28 0.00	19.41 0.20 0.00	17.84 0.12 0.00	18.24 0.12 0.00	25.67 0.12 0.00	29.15 0.14 0.00	49.30 0.11 0.00	34.87 0.18 0.00	30.98 0.18 0.00	33.82 0.21 0.00	30.84 0.19 0.00	34.58 0.22 0.00	35.45 0.20 0.00	27.80 0.21 0.00	31.83 0.13 0.00	32.24 0.16 0.00	29.31 0.15 0.00	29.96 0.15 0.00	23.23 0.23 0.00
SYRACUSE___POWER 24017	18.38 0.11 0.00	18.23 0.12 0.00	21.73 0.16 0.00	17.31 0.13 0.00	19.72 0.17 0.00	21.88 0.24 0.00	19.37 0.16 0.00	17.80 0.09 0.00	18.21 0.08 0.00	25.62 0.07 0.00	29.09 0.08 0.00	49.22 0.04 0.00	34.79 0.11 0.00	30.93 0.13 0.00	33.76 0.15 0.00	30.79 0.15 0.00	34.51 0.15 0.00	35.38 0.13 0.00	27.75 0.15 0.00	31.80 0.10 0.00	32.21 0.12 0.00	29.25 0.09 0.00	29.91 0.10 0.00	23.19 0.19 0.00
TALLMAN__138KV_BK151 55660	18.95 0.69 0.00	18.83 0.71 0.00	22.38 0.80 0.00	17.83 0.64 0.00	20.20 0.66 0.00	22.45 0.81 0.00	20.08 0.87 0.00	18.57 0.86 0.00	19.00 0.88 0.00	26.73 1.18 0.00	30.35 1.34 0.00	51.49 2.31 0.00	36.31 1.62 0.00	32.32 1.53 0.00	35.32 1.71 0.00	32.09 1.46 0.00	36.04 1.68 0.00	37.12 1.88 0.00	29.17 1.58 0.00	33.35 1.65 0.00	33.73 1.65 0.00	30.65 1.50 0.00	31.20 1.38 0.00	23.90 0.90 0.00
TEALLAVE_115KV_TB7 355573	18.26 -0.01 0.00	18.11 0.00 0.00	21.59 0.01 0.00	17.20 0.01 0.00	19.60 0.05 0.00	21.74 0.10 0.00	19.23 0.02 0.00	17.66 -0.05 0.00	18.05 -0.07 0.00	25.39 -0.16 0.00	28.83 -0.18 0.00	48.79 -0.40 0.00	34.48 -0.20 0.00	30.65 -0.14 0.00	33.45 -0.16 0.00	30.50 -0.13 0.00	34.19 -0.17 0.00	35.03 -0.21 0.00	27.48 -0.11 0.00	31.50 -0.20 0.00	31.90 -0.18 0.00	28.99 -0.16 0.00	29.67 -0.15 0.00	23.02 0.02 0.00
TELGRAPH_34_KV_EAST 80808	18.59 0.32 0.00	18.41 0.29 0.00	21.99 0.42 0.00	17.63 0.45 0.00	20.29 0.74 0.00	22.59 0.95 0.00	19.87 0.66 0.00	18.00 0.28 0.00	18.41 0.29 0.00	25.94 0.39 0.00	29.48 0.47 0.00	49.38 0.19 0.00	35.02 0.34 0.00	31.09 0.30 0.00	33.85 0.24 0.00	30.87 0.23 0.00	34.59 0.23 0.00	35.11 -0.13 0.00	27.67 0.08 0.00	31.72 0.02 0.00	32.31 0.22 0.00	29.50 0.34 0.00	30.31 0.49 0.00	23.71 0.72 0.00
TEMPLE___115KV_TB 2 55572	18.28 0.01 0.00	18.13 0.01 0.00	21.61 0.04 0.00	17.22 0.03 0.00	19.62 0.07 0.00	21.76 0.12 0.00	19.25 0.04 0.00	17.68 -0.03 0.00	18.08 -0.05 0.00	25.42 -0.13 0.00	28.87 -0.14 0.00	48.84 -0.35 0.00	34.52 -0.16 0.00	30.69 -0.11 0.00	33.49 -0.12 0.00	30.54 -0.10 0.00	34.23 -0.13 0.00	35.08 -0.17 0.00	27.51 -0.08 0.00	31.53 -0.17 0.00	31.94 -0.14 0.00	29.02 -0.13 0.00	29.70 -0.11 0.00	23.04 0.04 0.00

TIANA____69_KV_BK 1 55817	19.45 1.18 0.00	19.19 1.08 0.00	22.73 1.16 0.00	18.33 1.14 0.00	20.51 0.96 0.00	21.95 1.04 0.73	20.38 1.17 0.00	19.00 1.29 0.00	19.64 1.51 0.00	27.76 2.22 0.00	34.01 2.42 -2.58	53.23 4.05 0.00	37.50 2.82 0.00	33.19 2.40 0.00	36.57 2.96 0.00	33.32 2.67 0.00	40.04 3.67 -2.01	46.72 3.83 -7.65	35.40 3.02 -4.78	34.88 3.18 0.00	34.81 2.73 0.00	31.66 2.51 0.00	32.32 2.51 0.00	24.46 1.47 0.00
TILDEN____115KV_TB1 80814	18.38 0.11 0.00	18.23 0.12 0.00	21.73 0.16 0.00	17.31 0.13 0.00	19.72 0.17 0.00	21.88 0.24 0.00	19.37 0.16 0.00	17.80 0.09 0.00	18.21 0.08 0.00	25.62 0.07 0.00	29.09 0.08 0.00	49.22 0.04 0.00	34.79 0.11 0.00	30.93 0.13 0.00	33.76 0.15 0.00	30.79 0.15 0.00	34.51 0.15 0.00	35.38 0.13 0.00	27.75 0.15 0.00	31.80 0.10 0.00	32.21 0.12 0.00	29.25 0.09 0.00	29.91 0.10 0.00	23.19 0.19 0.00
TRIGEN____CC 323695	19.19 0.93 0.00	18.98 0.87 0.00	22.60 1.03 0.00	18.08 0.89 0.00	20.44 0.89 0.00	22.68 1.04 0.00	20.33 1.12 0.00	18.87 1.16 0.00	19.31 1.18 0.00	27.26 1.71 0.00	33.62 2.02 -2.58	52.49 3.31 0.00	36.99 2.30 0.00	32.88 2.08 0.00	36.06 2.45 0.00	32.77 2.12 0.00	38.88 2.51 -2.01	45.61 2.71 -7.65	34.59 2.22 -4.78	33.94 2.24 0.00	34.27 2.18 0.00	31.14 1.99 0.00	31.82 2.00 0.00	24.31 1.32 0.00
TRINITY__115KV__ 4 BK 55933	18.53 0.26 0.00	18.36 0.24 0.00	21.82 0.24 0.00	17.40 0.22 0.00	19.75 0.19 0.00	21.91 0.27 0.00	19.51 0.30 0.00	18.11 0.40 0.00	18.57 0.45 0.00	26.23 0.68 0.00	29.83 0.82 0.00	50.77 1.58 0.00	35.75 1.06 0.00	31.75 0.95 0.00	34.67 1.06 0.00	31.62 0.98 0.00	35.42 1.06 0.00	36.43 1.19 0.00	28.63 1.04 0.00	32.78 1.08 0.00	33.06 0.98 0.00	30.02 0.87 0.00	30.65 0.83 0.00	23.38 0.39 0.00
UNION____PROCESSING_DRP 323587	18.45 0.18 0.00	18.28 0.16 0.00	21.81 0.23 0.00	17.44 0.26 0.00	19.98 0.43 0.00	22.22 0.58 0.00	19.61 0.40 0.00	17.90 0.19 0.00	18.35 0.22 0.00	25.82 0.27 0.00	29.34 0.33 0.00	49.40 0.22 0.00	34.96 0.28 0.00	31.04 0.24 0.00	33.83 0.22 0.00	30.84 0.20 0.00	34.59 0.23 0.00	35.27 0.03 0.00	27.73 0.14 0.00	31.78 0.08 0.00	32.27 0.19 0.00	29.38 0.22 0.00	30.13 0.31 0.00	23.48 0.48 0.00
UPPER HUDSON____HYD 24058	19.01 0.74 0.00	18.85 0.73 0.00	22.32 0.75 0.00	17.79 0.61 0.00	20.21 0.66 0.00	22.49 0.85 0.00	20.00 0.78 0.00	18.64 0.93 0.00	19.21 1.09 0.00	27.30 1.75 0.00	31.07 2.06 0.00	52.63 3.45 0.00	37.00 2.31 0.00	32.84 2.05 0.00	35.85 2.24 0.00	32.75 2.11 0.00	36.69 2.33 0.00	37.71 2.47 0.00	29.66 2.07 0.00	33.96 2.26 0.00	34.22 2.13 0.00	30.96 1.81 0.00	31.63 1.82 0.00	24.14 1.15 0.00
UPPER RAQUET____HYD 24056	18.31 0.05 0.00	18.13 0.01 0.00	21.58 0.00 0.00	17.18 -0.01 0.00	19.46 -0.09 0.00	21.20 -0.44 0.00	18.87 -0.34 0.00	17.35 -0.36 0.00	17.74 -0.39 0.00	25.09 -0.46 0.00	44.20 -0.60 -15.78	48.44 -0.75 0.00	34.04 -0.64 0.00	30.11 -0.68 0.00	32.88 -0.73 0.00	30.03 -0.61 0.00	33.78 -0.58 0.00	34.63 -0.61 0.00	27.07 -0.53 0.00	31.21 -0.49 0.00	31.59 -0.49 0.00	28.83 -0.32 0.00	29.74 -0.08 0.00	22.93 -0.07 0.00
VALLEY44_115KV_TB2 355964	19.26 1.00 0.00	19.05 0.93 0.00	22.75 1.17 0.00	18.21 1.02 0.00	20.90 1.35 0.00	23.29 1.65 0.00	20.57 1.36 0.00	18.79 1.07 0.00	19.27 1.15 0.00	27.10 1.55 0.00	30.75 1.74 0.00	51.65 2.47 0.00	36.54 1.86 0.00	32.50 1.71 0.00	35.36 1.75 0.00	32.23 1.59 0.00	36.01 1.65 0.00	36.58 1.34 0.00	28.76 1.17 0.00	33.10 1.40 0.00	33.68 1.59 0.00	30.70 1.54 0.00	31.39 1.57 0.00	24.48 1.49 0.00
VALLEY____115KV_TB 1-4 80826	18.48 0.21 0.00	18.31 0.19 0.00	21.83 0.25 0.00	17.38 0.19 0.00	19.76 0.21 0.00	21.94 0.30 0.00	19.51 0.30 0.00	18.12 0.40 0.00	18.57 0.45 0.00	26.26 0.71 0.00	29.83 0.82 0.00	50.65 1.46 0.00	35.64 0.95 0.00	31.68 0.89 0.00	34.55 0.94 0.00	31.56 0.92 0.00	35.33 0.97 0.00	36.36 1.12 0.00	28.52 0.93 0.00	32.55 0.85 0.00	32.73 0.65 0.00	29.72 0.56 0.00	30.15 0.33 0.00	23.20 0.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.90 0.64 0.00	18.78 0.66 0.00	22.40 0.82 0.00	17.81 0.63 0.00	20.26 0.71 0.00	22.49 0.85 0.00	19.99 0.78 0.00	18.46 0.75 0.00	18.94 0.82 0.00	26.74 1.20 0.00	30.42 1.41 0.00	51.54 2.35 0.00	36.33 1.64 0.00	32.26 1.47 0.00	35.22 1.60 0.00	32.09 1.45 0.00	35.97 1.60 0.00	36.93 1.69 0.00	28.97 1.38 0.00	33.17 1.47 0.00	33.59 1.51 0.00	30.49 1.34 0.00	31.09 1.27 0.00	23.92 0.92 0.00
VISCHER____FERRY HYD 24020	18.75 0.49 0.00	18.61 0.49 0.00	22.10 0.53 0.00	17.62 0.43 0.00	19.99 0.44 0.00	22.20 0.56 0.00	19.76 0.54 0.00	18.33 0.62 0.00	18.81 0.68 0.00	26.59 1.04 0.00	30.22 1.21 0.00	51.36 2.17 0.00	36.21 1.52 0.00	32.12 1.33 0.00	35.11 1.50 0.00	32.04 1.40 0.00	35.85 1.49 0.00	36.86 1.62 0.00	28.97 1.37 0.00	33.17 1.47 0.00	33.46 1.38 0.00	30.38 1.23 0.00	31.06 1.24 0.00	23.76 0.77 0.00
V_A_10_SYNC_DSASP 323832	18.32 0.05 0.00	18.15 0.03 0.00	21.67 0.10 0.00	17.37 0.18 0.00	19.95 0.40 0.00	22.19 0.55 0.00	19.55 0.34 0.00	17.78 0.07 0.00	18.21 0.09 0.00	25.61 0.07 0.00	29.07 0.06 0.00	48.82 -0.36 0.00	34.57 -0.12 0.00	30.68 -0.11 0.00	33.42 -0.19 0.00	30.45 -0.19 0.00	34.11 -0.25 0.00	34.66 -0.58 0.00	27.28 -0.31 0.00	31.29 -0.42 0.00	31.83 -0.25 0.00	29.05 -0.10 0.00	29.87 0.06 0.00	23.35 0.35 0.00
V_CMM_10_SYNC_DSASP 323787	18.23 -0.03 0.00	18.07 -0.05 0.00	21.51 -0.07 0.00	17.14 -0.05 0.00	19.51 -0.04 0.00	21.47 -0.17 0.00	19.09 -0.12 0.00	17.58 -0.13 0.00	17.98 -0.15 0.00	25.39 -0.16 0.00	28.85 -0.16 0.00	48.90 -0.28 0.00	34.45 -0.23 0.00	30.50 -0.30 0.00	33.28 -0.33 0.00	30.36 -0.28 0.00	34.11 -0.25 0.00	34.91 -0.33 0.00	27.27 -0.32 0.00	31.44 -0.25 0.00	31.86 -0.22 0.00	28.95 -0.20 0.00	29.63 -0.19 0.00	22.81 -0.19 0.00
V_CMP_10_SYNC_DSASP 323788	18.90 0.63 0.00	18.84 0.73 0.00	22.34 0.77 0.00	17.83 0.64 0.00	20.33 0.79 0.00	22.46 0.82 0.00	19.93 0.72 0.00	18.43 0.72 0.00	18.90 0.77 0.00	26.71 1.16 0.00	115.41 1.56 -84.84	51.23 2.05 0.00	36.03 1.34 0.00	31.86 1.07 0.00	34.73 1.12 0.00	31.79 1.14 0.00	35.67 1.31 0.00	36.58 1.34 0.00	28.60 1.00 0.00	33.01 1.31 0.00	33.28 1.20 0.00	30.14 0.99 0.00	30.72 0.90 0.00	23.54 0.54 0.00
V_E_10_SYNC_DSASP 323830	19.71 1.45 0.00	19.53 1.41 0.00	23.30 1.72 0.00	18.53 1.34 0.00	21.17 1.62 0.00	23.53 1.89 0.00	20.92 1.71 0.00	19.33 1.61 0.00	19.92 1.79 0.00	28.18 2.64 0.00	32.08 3.07 0.00	54.18 4.99 0.00	38.29 3.60 0.00	33.93 3.13 0.00	36.88 3.27 0.00	33.66 3.02 0.00	37.89 3.53 0.00	38.97 3.73 0.00	30.58 2.99 0.00	34.92 3.22 0.00	35.39 3.31 0.00	32.03 2.88 0.00	32.47 2.65 0.00	25.00 2.00 0.00

V_F_30_NSYNC___DSASP 323816	19.01 0.75 0.00	18.86 0.74 0.00	22.39 0.81 0.00	17.84 0.66 0.00	20.26 0.71 0.00	22.51 0.88 0.00	20.03 0.82 0.00	18.61 0.90 0.00	19.12 1.00 0.00	27.08 1.53 0.00	30.79 1.78 0.00	52.27 3.09 0.00	36.80 2.12 0.00	32.67 1.88 0.00	35.69 2.08 0.00	32.57 1.93 0.00	36.48 2.12 0.00	37.52 2.28 0.00	29.47 1.87 0.00	33.74 2.04 0.00	34.02 1.94 0.00	30.85 1.69 0.00	31.51 1.69 0.00	24.10 1.10 0.00
V_F_30_SYNC_DSASP 323786	18.59 0.32 0.00	18.43 0.31 0.00	21.89 0.31 0.00	17.47 0.28 0.00	19.82 0.27 0.00	21.99 0.35 0.00	19.58 0.36 0.00	18.18 0.46 0.00	18.64 0.52 0.00	26.34 0.79 0.00	29.95 0.94 0.00	50.97 1.79 0.00	35.89 1.21 0.00	31.88 1.09 0.00	34.83 1.22 0.00	31.76 1.12 0.00	35.58 1.22 0.00	36.61 1.37 0.00	28.76 1.17 0.00	32.92 1.22 0.00	33.21 1.13 0.00	30.15 0.99 0.00	30.77 0.95 0.00	23.47 0.48 0.00
V_XM_10_SYNC_DSASP 323789	18.90 0.63 0.00	18.84 0.73 0.00	22.34 0.77 0.00	17.83 0.64 0.00	20.33 0.79 0.00	22.46 0.82 0.00	19.93 0.72 0.00	18.43 0.72 0.00	18.90 0.77 0.00	26.71 1.16 0.00	115.41 1.56 -84.84	51.23 2.05 0.00	36.03 1.34 0.00	31.86 1.07 0.00	34.73 1.12 0.00	31.79 1.14 0.00	35.67 1.31 0.00	36.58 1.34 0.00	28.60 1.00 0.00	33.01 1.31 0.00	33.28 1.20 0.00	30.14 0.99 0.00	30.72 0.90 0.00	23.54 0.54 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.00 0.74 0.00	18.87 0.75 0.00	22.43 0.86 0.00	17.88 0.69 0.00	20.26 0.71 0.00	22.50 0.86 0.00	20.13 0.92 0.00	18.62 0.91 0.00	19.05 0.92 0.00	26.79 1.25 0.00	30.43 1.42 0.00	51.62 2.44 0.00	36.41 1.72 0.00	32.41 1.62 0.00	35.41 1.80 0.00	32.18 1.54 0.00	36.13 1.77 0.00	37.23 1.99 0.00	29.26 1.66 0.00	33.44 1.74 0.00	33.82 1.74 0.00	30.74 1.58 0.00	31.27 1.46 0.00	23.96 0.96 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	553.45 0.82 -534.37	31.42 0.80 -12.50	22.55 0.97 0.00	17.97 0.79 0.00	20.34 0.80 0.00	22.59 0.95 0.00	20.25 1.04 0.00	18.78 1.07 0.00	28.31 1.05 -9.14	133.75 1.43 -106.77	33.32 1.73 -2.58	52.15 2.96 0.00	36.74 2.06 0.00	32.71 1.92 0.00	35.80 2.19 0.00	32.52 1.88 0.00	36.49 2.13 0.00	37.53 2.29 0.00	29.43 1.84 0.00	33.62 1.92 0.00	34.03 1.95 0.00	30.93 1.78 0.00	31.61 1.79 0.00	24.17 1.17 0.00
W50THST__13_KV_LOAD 356117	553.52 0.88 -534.37	31.49 0.87 -12.50	22.65 1.07 0.00	18.05 0.87 0.00	20.44 0.89 0.00	22.69 1.05 0.00	20.35 1.13 0.00	18.88 1.17 0.00	28.41 1.14 -9.14	133.86 1.54 -106.77	33.44 1.85 -2.58	52.36 3.17 0.00	36.88 2.20 0.00	32.84 2.05 0.00	35.95 2.34 0.00	32.65 2.01 0.00	36.63 2.26 0.00	37.66 2.42 0.00	29.54 1.95 0.00	33.74 2.04 0.00	34.15 2.07 0.00	31.06 1.91 0.00	31.73 1.91 0.00	24.27 1.28 0.00
WADING RIVER_IC_1 23522	19.21 0.94 0.00	18.97 0.85 0.00	22.49 0.91 0.00	18.15 0.96 0.00	20.29 0.74 0.00	21.67 0.76 0.73	20.13 0.91 0.00	18.77 1.06 0.00	19.42 1.29 0.00	27.40 1.86 0.00	33.56 1.97 -2.59	52.44 3.25 0.00	36.95 2.27 0.00	32.72 1.93 0.00	36.07 2.46 0.00	32.85 2.21 0.00	39.55 3.19 -2.01	46.17 3.28 -7.65	34.95 2.57 -4.78	34.40 2.70 0.00	34.30 2.22 0.00	31.22 2.07 0.00	31.89 2.08 0.00	24.16 1.17 0.00
WADING RIVER_IC_2 23547	19.21 0.94 0.00	18.97 0.85 0.00	22.49 0.91 0.00	18.15 0.96 0.00	20.29 0.74 0.00	21.67 0.76 0.73	20.13 0.91 0.00	18.77 1.06 0.00	19.42 1.29 0.00	27.40 1.86 0.00	33.56 1.97 -2.59	52.44 3.25 0.00	36.95 2.27 0.00	32.72 1.93 0.00	36.07 2.46 0.00	32.85 2.21 0.00	39.55 3.19 -2.01	46.17 3.28 -7.65	34.95 2.57 -4.78	34.40 2.70 0.00	34.30 2.22 0.00	31.22 2.07 0.00	31.89 2.08 0.00	24.16 1.17 0.00
WADING RIVER_IC_3 23601	19.21 0.94 0.00	18.97 0.85 0.00	22.49 0.91 0.00	18.15 0.96 0.00	20.29 0.74 0.00	21.67 0.76 0.73	20.13 0.91 0.00	18.77 1.06 0.00	19.42 1.29 0.00	27.40 1.86 0.00	33.56 1.97 -2.59	52.44 3.25 0.00	36.95 2.27 0.00	32.72 1.93 0.00	36.07 2.46 0.00	32.85 2.21 0.00	39.55 3.19 -2.01	46.17 3.28 -7.65	34.95 2.57 -4.78	34.40 2.70 0.00	34.30 2.22 0.00	31.22 2.07 0.00	31.89 2.08 0.00	24.16 1.17 0.00
WALDENNY_12_KV_BK2 80841	18.77 0.51 0.00	18.58 0.47 0.00	22.20 0.63 0.00	17.79 0.60 0.00	20.47 0.92 0.00	22.78 1.14 0.00	20.04 0.83 0.00	18.19 0.48 0.00	18.61 0.49 0.00	26.21 0.66 0.00	29.77 0.76 0.00	49.87 0.69 0.00	35.39 0.70 0.00	31.47 0.68 0.00	34.25 0.64 0.00	31.25 0.61 0.00	35.00 0.64 0.00	35.52 0.28 0.00	27.97 0.37 0.00	32.11 0.41 0.00	32.70 0.62 0.00	29.85 0.70 0.00	30.65 0.83 0.00	23.98 0.98 0.00
WALDEN___HYDRO 24148	19.04 0.77 0.00	18.88 0.76 0.00	22.46 0.88 0.00	17.88 0.69 0.00	20.27 0.72 0.00	22.51 0.87 0.00	20.13 0.91 0.00	18.64 0.92 0.00	19.09 0.97 0.00	26.92 1.37 0.00	30.62 1.61 0.00	51.97 2.79 0.00	36.66 1.97 0.00	32.61 1.82 0.00	35.63 2.02 0.00	32.40 1.76 0.00	36.37 2.01 0.00	37.45 2.21 0.00	29.44 1.84 0.00	33.65 1.95 0.00	34.02 1.93 0.00	30.89 1.74 0.00	31.46 1.64 0.00	24.07 1.08 0.00
WARRENSBURG___ 23737	19.01 0.74 0.00	18.85 0.73 0.00	22.32 0.75 0.00	17.79 0.61 0.00	20.21 0.66 0.00	22.49 0.85 0.00	20.00 0.78 0.00	18.64 0.93 0.00	19.21 1.09 0.00	27.30 1.75 0.00	31.07 2.06 0.00	52.63 3.45 0.00	37.00 2.31 0.00	32.84 2.05 0.00	35.85 2.24 0.00	32.75 2.11 0.00	36.69 2.33 0.00	37.71 2.47 0.00	29.66 2.07 0.00	33.96 2.26 0.00	34.22 2.13 0.00	30.96 1.81 0.00	31.63 1.82 0.00	24.14 1.15 0.00
WATERSIDE___6 8 9 23538	562.91 0.74 -543.91	32.20 0.77 -13.31	22.54 0.96 0.00	17.94 0.75 0.00	20.30 0.76 0.00	22.53 0.89 0.00	20.22 1.01 0.00	18.76 1.05 0.00	28.27 1.00 -9.14	133.67 1.36 -106.77	33.23 1.64 -2.58	51.96 2.77 0.00	36.63 1.95 0.00	32.62 1.83 0.00	35.69 2.08 0.00	32.43 1.78 0.00	36.34 1.98 0.00	37.40 2.16 0.00	29.38 1.79 0.00	33.52 1.81 0.00	33.97 1.89 0.00	30.88 1.73 0.00	31.54 1.72 0.00	24.13 1.14 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.41 0.14 0.00	18.25 0.13 0.00	21.74 0.16 0.00	17.31 0.12 0.00	19.67 0.12 0.00	21.83 0.19 0.00	19.41 0.20 0.00	17.98 0.27 0.00	18.44 0.31 0.00	26.04 0.49 0.00	29.58 0.57 0.00	50.20 1.02 0.00	35.37 0.68 0.00	31.43 0.63 0.00	34.31 0.70 0.00	31.30 0.66 0.00	35.08 0.72 0.00	36.08 0.83 0.00	28.30 0.71 0.00	32.40 0.70 0.00	32.67 0.59 0.00	29.64 0.49 0.00	30.19 0.37 0.00	23.22 0.22 0.00
WATSON___69_KV_BK 1 55734	19.51 1.24 0.00	19.26 1.14 0.00	22.84 1.27 0.00	18.32 1.13 0.00	20.60 1.05 0.00	22.61 1.21 0.24	20.51 1.30 0.00	19.08 1.37 0.00	19.61 1.49 0.00	27.71 2.16 0.00	34.11 2.52 -2.58	53.37 4.18 0.00	37.62 2.94 0.00	33.35 2.56 0.00	36.68 3.07 0.00	33.37 2.73 0.00	39.80 3.43 -2.01	46.56 3.67 -7.65	35.34 2.96 -4.78	34.78 3.08 0.00	34.93 2.84 0.00	31.76 2.61 0.00	32.43 2.61 0.00	24.61 1.61 0.00

WDELAWARE___HYD 323627	18.78 0.51 0.00	18.63 0.51 0.00	22.16 0.58 0.00	17.63 0.45 0.00	20.00 0.45 0.00	22.21 0.57 0.00	19.86 0.65 0.00	18.41 0.69 0.00	18.86 0.74 0.00	26.55 1.01 0.00	30.22 1.21 0.00	51.33 2.14 0.00	36.19 1.51 0.00	32.21 1.42 0.00	35.19 1.58 0.00	32.01 1.37 0.00	35.93 1.57 0.00	37.01 1.77 0.00	29.07 1.48 0.00	33.22 1.52 0.00	33.59 1.51 0.00	30.48 1.33 0.00	31.03 1.21 0.00	23.75 0.75 0.00
WEST BABYLON___IC 23714	19.47 1.21 0.00	19.24 1.12 0.00	22.85 1.28 0.00	18.29 1.10 0.00	20.62 1.07 0.00	22.82 1.24 0.06	20.52 1.31 0.00	19.08 1.36 0.00	19.58 1.45 0.00	27.65 2.11 0.00	34.07 2.48 -2.58	53.31 4.13 0.00	37.57 2.88 0.00	33.33 2.54 0.00	36.65 3.04 0.00	33.30 2.66 0.00	39.61 3.24 -2.01	46.39 3.50 -7.65	35.21 2.84 -4.78	34.63 2.93 0.00	34.86 2.78 0.00	31.68 2.53 0.00	32.35 2.53 0.00	24.61 1.62 0.00
WEST CANADA___HYD 24049	18.30 0.03 0.00	18.14 0.02 0.00	21.62 0.04 0.00	17.21 0.02 0.00	19.57 0.02 0.00	21.69 0.05 0.00	19.26 0.05 0.00	17.78 0.07 0.00	18.20 0.07 0.00	25.65 0.10 0.00	29.13 0.13 0.00	49.43 0.24 0.00	34.83 0.15 0.00	30.95 0.15 0.00	33.78 0.17 0.00	30.80 0.15 0.00	34.53 0.17 0.00	35.45 0.21 0.00	27.76 0.17 0.00	31.86 0.16 0.00	32.22 0.13 0.00	29.27 0.12 0.00	29.91 0.09 0.00	23.06 0.06 0.00
WESTERN_NY_WIND 24143	18.83 0.56 0.00	18.64 0.52 0.00	22.26 0.68 0.00	17.83 0.65 0.00	20.49 0.94 0.00	22.82 1.18 0.00	20.11 0.90 0.00	18.26 0.55 0.00	18.71 0.58 0.00	26.35 0.80 0.00	29.98 0.96 0.00	50.26 1.08 0.00	35.60 0.92 0.00	31.62 0.83 0.00	34.45 0.84 0.00	31.41 0.77 0.00	35.22 0.86 0.00	35.83 0.59 0.00	28.24 0.64 0.00	32.36 0.66 0.00	32.93 0.84 0.00	30.00 0.84 0.00	30.78 0.96 0.00	24.04 1.04 0.00
WESTOVER___LESR 323668	18.64 0.37 0.00	18.49 0.37 0.00	22.07 0.49 0.00	17.57 0.39 0.00	20.03 0.48 0.00	22.26 0.62 0.00	19.74 0.53 0.00	18.18 0.47 0.00	18.61 0.49 0.00	26.22 0.67 0.00	29.80 0.79 0.00	50.31 1.13 0.00	35.55 0.86 0.00	31.66 0.86 0.00	34.53 0.92 0.00	31.53 0.89 0.00	35.28 0.91 0.00	36.11 0.86 0.00	28.30 0.70 0.00	32.45 0.75 0.00	32.91 0.83 0.00	29.91 0.75 0.00	30.49 0.67 0.00	23.55 0.56 0.00
WETHRSFD_WT_PWR 323626	18.67 0.40 0.00	18.50 0.38 0.00	22.12 0.55 0.00	17.68 0.49 0.00	20.30 0.76 0.00	22.59 0.95 0.00	19.88 0.67 0.00	18.00 0.29 0.00	18.48 0.35 0.00	25.95 0.40 0.00	29.49 0.48 0.00	49.60 0.41 0.00	35.19 0.50 0.00	31.37 0.58 0.00	34.18 0.57 0.00	31.23 0.59 0.00	34.95 0.59 0.00	35.53 0.29 0.00	27.89 0.30 0.00	32.11 0.40 0.00	32.71 0.62 0.00	29.81 0.66 0.00	30.51 0.69 0.00	23.76 0.77 0.00
WHAVSTOR_138KV_BK127 55557	18.91 0.65 0.00	18.79 0.67 0.00	22.34 0.77 0.00	17.81 0.62 0.00	20.18 0.63 0.00	22.41 0.77 0.00	20.05 0.84 0.00	18.54 0.83 0.00	18.96 0.84 0.00	26.66 1.11 0.00	30.28 1.27 0.00	51.35 2.16 0.00	36.21 1.53 0.00	32.24 1.44 0.00	35.22 1.61 0.00	32.01 1.37 0.00	35.93 1.57 0.00	37.01 1.77 0.00	29.08 1.49 0.00	33.25 1.55 0.00	33.62 1.54 0.00	30.56 1.41 0.00	31.12 1.30 0.00	23.84 0.84 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.91 0.65 0.00	18.79 0.67 0.00	22.34 0.77 0.00	17.81 0.62 0.00	20.18 0.63 0.00	22.41 0.77 0.00	20.05 0.84 0.00	18.54 0.83 0.00	18.96 0.84 0.00	26.66 1.11 0.00	30.28 1.27 0.00	51.35 2.16 0.00	36.21 1.53 0.00	32.24 1.44 0.00	35.22 1.61 0.00	32.01 1.37 0.00	35.93 1.57 0.00	37.01 1.77 0.00	29.08 1.49 0.00	33.25 1.55 0.00	33.62 1.54 0.00	30.56 1.41 0.00	31.12 1.30 0.00	23.84 0.84 0.00
WHITEHAL_115KV_TB1 80871	19.54 1.28 0.00	19.46 1.34 0.00	22.83 1.26 0.00	18.24 1.05 0.00	20.69 1.14 0.00	23.06 1.42 0.00	20.45 1.24 0.00	19.28 1.57 0.00	19.91 1.79 0.00	28.31 2.77 0.00	32.23 3.22 0.00	54.61 5.43 0.00	38.37 3.68 0.00	33.89 3.10 0.00	36.89 3.28 0.00	33.85 3.21 0.00	37.85 3.49 0.00	38.79 3.55 0.00	30.58 2.99 0.00	35.12 3.42 0.00	35.28 3.20 0.00	31.88 2.73 0.00	32.79 2.97 0.00	24.93 1.94 0.00
WHITEPLN_13_KV_LOAD 356215	19.18 0.91 0.00	19.00 0.88 0.00	22.61 1.04 0.00	18.02 0.83 0.00	20.40 0.85 0.00	22.65 1.02 0.00	20.28 1.07 0.00	18.81 1.10 0.00	19.24 1.11 0.00	27.11 1.56 0.00	30.88 1.87 0.00	52.40 3.22 0.00	36.93 2.25 0.00	32.87 2.08 0.00	35.94 2.33 0.00	32.67 2.04 0.00	36.67 2.31 0.00	37.76 2.51 0.00	29.65 2.06 0.00	33.86 2.16 0.00	34.23 2.15 0.00	31.10 1.95 0.00	31.73 1.91 0.00	24.26 1.26 0.00
WM_FLOYD_69_KV_BK2 356380	19.28 1.01 0.00	19.03 0.92 0.00	22.53 0.96 0.00	18.16 0.97 0.00	20.32 0.77 0.00	21.78 0.86 0.72	20.21 1.00 0.00	18.83 1.12 0.00	19.42 1.30 0.00	27.43 1.88 0.00	33.67 2.08 -2.58	52.61 3.43 0.00	37.09 2.40 0.00	32.83 2.04 0.00	36.17 2.56 0.00	32.93 2.29 0.00	39.55 3.19 -2.01	46.24 3.35 -7.65	35.03 2.66 -4.78	34.46 2.76 0.00	34.44 2.36 0.00	31.35 2.20 0.00	32.03 2.21 0.00	24.25 1.25 0.00
WOODARD___115KV_TB2 355635	18.22 -0.05 0.00	18.07 -0.04 0.00	21.54 -0.04 0.00	17.16 -0.02 0.00	19.55 0.00 0.00	21.68 0.04 0.00	19.18 -0.03 0.00	17.62 -0.09 0.00	18.02 -0.11 0.00	25.34 -0.21 0.00	28.77 -0.24 0.00	48.68 -0.50 0.00	34.41 -0.27 0.00	30.58 -0.21 0.00	33.38 -0.23 0.00	30.43 -0.21 0.00	34.10 -0.26 0.00	34.96 -0.28 0.00	27.42 -0.18 0.00	31.42 -0.28 0.00	31.83 -0.25 0.00	28.93 -0.23 0.00	29.61 -0.21 0.00	22.97 -0.03 0.00
YORK___WARBASSE 23770	562.98 0.81 -543.91	32.29 0.87 -13.31	22.65 1.08 0.00	18.03 0.84 0.00	20.40 0.85 0.00	22.64 1.00 0.00	20.32 1.11 0.00	18.84 1.13 0.00	28.35 1.08 -9.14	133.76 1.44 -106.77	33.24 1.65 -2.58	51.96 2.77 0.00	36.61 1.93 0.00	32.64 1.85 0.00	35.70 2.09 0.00	32.45 1.80 0.00	36.32 1.96 0.00	37.42 2.18 0.00	29.43 1.84 0.00	33.56 1.85 0.00	34.06 1.98 0.00	30.95 1.80 0.00	31.58 1.76 0.00	24.19 1.20 0.00