

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/04/2023

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	21.06	20.58	19.49	18.73	18.47	19.26	21.86	26.74	27.00	25.43	28.41	61.08	38.87	45.64	54.57	49.34	115.73	71.10	39.80	44.79	45.57	31.90	26.75	25.76
24138	1.27	1.14	1.02	0.97	0.91	1.05	1.55	2.01	2.17	2.11	2.15	1.68	1.72	1.97	2.66	3.59	3.11	3.54	3.40	3.69	3.06	2.11	2.28	2.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.04	-42.50	-19.63	-23.22	-24.11	-8.03	-82.74	-32.18	-2.81	-3.59	-9.44	-7.77	-1.10	0.00
74TH STREET_GT_1	21.04	20.57	19.49	18.72	18.46	19.25	21.83	26.68	26.92	25.38	28.33	61.03	38.84	45.62	54.59	49.35	115.70	71.07	39.77	44.81	45.59	31.90	26.77	25.78
24260	1.24	1.13	1.02	0.96	0.91	1.04	1.52	1.95	2.10	2.06	2.06	1.63	1.69	1.96	2.68	3.61	3.09	3.51	3.38	3.71	3.07	2.11	2.30	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.04	-42.51	-19.63	-23.21	-24.11	-8.03	-82.74	-32.18	-2.81	-3.59	-9.44	-7.77	-1.10	0.00
74TH STREET_GT_2	21.04	20.57	19.49	18.72	18.46	19.25	21.83	26.68	26.92	25.38	28.33	61.03	38.84	45.62	54.59	49.35	115.70	71.07	39.77	44.81	45.59	31.90	26.77	25.78
24261	1.24	1.13	1.02	0.96	0.91	1.04	1.52	1.95	2.10	2.06	2.06	1.63	1.69	1.96	2.68	3.61	3.09	3.51	3.38	3.71	3.07	2.11	2.30	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.04	-42.51	-19.63	-23.21	-24.11	-8.03	-82.74	-32.18	-2.81	-3.59	-9.44	-7.77	-1.10	0.00
ADK HUDSON___FALLS	20.71	20.28	19.30	18.55	18.34	19.09	21.63	26.40	26.41	24.68	24.86	31.99	24.35	27.97	36.36	42.44	46.44	36.15	37.04	41.84	38.86	26.49	25.44	25.18
24011	0.91	0.84	0.82	0.78	0.79	0.88	1.32	1.67	1.58	1.36	1.13	0.74	0.74	0.88	1.22	1.71	1.75	2.34	2.52	2.97	2.66	1.55	1.68	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.51	-14.35	-6.10	-6.65	-7.33	-3.03	-14.82	1.56	-0.93	-1.35	-3.12	-2.93	-0.39	0.00
ADK RESOURCE___RCVRY	20.79	20.33	19.36	18.60	18.41	19.21	21.83	26.64	26.60	24.82	24.96	32.04	24.42	28.06	36.51	42.65	46.65	36.50	37.37	42.27	39.16	26.65	25.63	25.34
23798	0.99	0.89	0.88	0.84	0.86	0.99	1.52	1.91	1.77	1.50	1.23	0.82	0.81	0.96	1.37	1.91	2.03	2.72	2.86	3.41	2.97	1.72	1.88	1.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.51	-14.33	-6.09	-6.65	-7.33	-3.02	-14.74	1.60	-0.93	-1.35	-3.12	-2.92	-0.39	0.00
ADK S GLENS___FALLS	20.71	20.28	19.30	18.55	18.34	19.09	21.63	26.40	26.41	24.68	24.86	31.99	24.35	27.97	36.36	42.44	46.44	36.15	37.04	41.84	38.86	26.49	25.44	25.18
24028	0.91	0.84	0.82	0.78	0.79	0.88	1.32	1.67	1.58	1.36	1.13	0.74	0.74	0.88	1.22	1.71	1.75	2.34	2.52	2.97	2.66	1.55	1.68	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.51	-14.35	-6.10	-6.65	-7.33	-3.03	-14.82	1.56	-0.93	-1.35	-3.12	-2.93	-0.39	0.00
ADK_NYS___DAM	20.58	20.31	19.33	18.59	18.36	18.98	21.34	26.07	26.05	24.35	24.66	33.42	24.20	27.42	35.92	42.28	52.17	39.04	36.31	41.16	38.81	26.53	25.24	24.90
23527	0.78	0.87	0.86	0.82	0.82	0.76	1.03	1.34	1.23	1.03	0.76	0.44	0.53	0.61	0.81	1.18	1.05	1.51	1.64	2.13	2.22	1.24	1.44	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.68	-16.08	-6.15	-6.36	-7.31	-3.39	-21.24	-2.15	-1.08	-1.51	-3.52	-3.28	-0.44	0.00
AIR_PRODUCTS___DRP	19.87	19.56	18.64	17.93	17.69	18.30	20.60	25.13	25.20	23.62	23.91	31.47	23.97	27.57	35.58	40.87	45.16	33.87	35.01	39.53	36.91	25.37	24.17	23.99
24190	0.08	0.12	0.16	0.17	0.14	0.08	0.28	0.40	0.37	0.30	0.14	-0.05	0.01	0.03	0.01	0.03	0.18	0.32	0.47	0.62	0.66	0.31	0.40	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.54	-14.63	-6.45	-7.10	-7.78	-3.14	-15.10	1.83	-0.96	-1.40	-3.17	-3.03	-0.40	0.00
AKWESSNE_115KV_BK	19.48	19.16	18.20	17.56	17.41	18.08	20.07	24.46	24.57	23.09	22.00	16.72	17.33	20.24	27.48	37.31	29.19	34.46	32.47	36.59	32.57	21.69	22.94	23.33
355683	-0.32	-0.28	-0.27	-0.20	-0.14	-0.13	-0.24	-0.26	-0.27	-0.23	-0.22	-0.17	-0.19	-0.21	-0.32	-0.41	-0.68	-0.92	-1.11	-0.93	-0.51	-0.32	-0.43	-0.41
	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	19.87	19.56	18.64	17.93	17.69	18.30	20.60	25.13	25.20	23.62	23.91	31.47	23.97	27.57	35.58	40.87	45.16	33.87	35.01	39.53	36.91	25.37	24.17	23.99
23571	0.08	0.12	0.16	0.17	0.14	0.08	0.28	0.40	0.37	0.30	0.14	-0.05	0.01	0.03	0.01	0.03	0.18	0.32	0.47	0.62	0.66	0.31	0.40	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.54	-14.63	-6.45	-7.10	-7.78	-3.14	-15.10	1.83	-0.96	-1.40	-3.17	-3.03	-0.40	0.00
ALBANY___2	19.87	19.56	18.64	17.93	17.69	18.30	20.60	25.13	25.20	23.62	23.91	31.47	23.97	27.57	35.58	40.87	45.16	33.87	35.01	39.53	36.91	25.37	24.17	23.99
23572	0.08	0.12	0.16	0.17	0.14	0.08	0.28	0.40	0.37	0.30	0.14	-0.05	0.01	0.03	0.01	0.03	0.18	0.32	0.47	0.62	0.66	0.31	0.40	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.54	-14.63	-6.45	-7.10	-7.78	-3.14	-15.10	1.83	-0.96	-1.40	-3.17	-3.03	-0.40	0.00
ALBANY___3	19.87	19.56	18.64	17.93	17.69	18.30	20.60	25.13	25.20	23.62	23.91	31.47	23.97	27.57	35.58	40.87	45.16	33.87	35.01	39.53	36.91	25.37	24.17	23.99
23573	0.08	0.12	0.16	0.17	0.14	0.08	0.28	0.40	0.37	0.30	0.14	-0.05	0.01	0.03	0.01	0.03	0.18	0.32	0.47	0.62	0.66	0.31	0.40	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.54	-14.63	-6.45	-7.10	-7.78	-3.14	-15.10	1.83	-0.96	-1.40	-3.17	-3.03	-0.40	0.00

ALBANY___4 23574	19.87 0.08 0.00	19.56 0.12 0.00	18.64 0.16 0.00	17.93 0.17 0.00	17.69 0.14 0.00	18.30 0.08 0.00	20.60 0.28 0.00	25.13 0.40 0.00	25.20 0.37 0.00	23.62 0.30 0.00	23.91 0.14 -1.54	31.47 -0.05 -14.63	23.97 0.01 -6.45	27.57 0.03 -7.10	35.58 0.01 -7.78	40.87 0.03 -3.14	45.16 0.18 -15.10	33.87 0.32 1.83	35.01 0.47 -0.96	39.53 0.62 -1.40	36.91 0.66 -3.17	25.37 0.31 -3.03	24.17 0.40 -0.40	23.99 0.25 0.00
ALBANY___LFGE 323615	20.10 0.30 0.00	19.78 0.34 0.00	18.84 0.36 0.00	18.12 0.36 0.00	17.88 0.33 0.00	18.50 0.28 0.00	20.83 0.51 0.00	25.41 0.68 0.00	25.48 0.66 0.00	23.90 0.58 0.00	24.19 0.42 -1.54	31.68 0.17 -14.61	24.10 0.24 -6.34	27.70 0.30 -6.95	35.84 0.40 -7.64	41.41 0.58 -3.11	45.73 0.65 -15.20	34.61 0.88 1.65	35.52 0.98 -0.95	40.08 1.17 -1.39	37.36 1.12 -3.17	25.64 0.61 -3.01	24.46 0.70 -0.40	24.28 0.54 0.00
ALCOA_PA_115KV_PL-6C 55860	19.59 -0.20 0.00	19.28 -0.16 0.00	18.31 -0.16 0.00	17.66 -0.10 0.00	17.52 -0.03 0.00	18.20 -0.02 0.00	20.20 -0.11 0.00	24.62 -0.10 0.00	24.71 -0.12 0.00	23.20 -0.12 0.00	22.10 -0.12 0.00	16.81 -0.09 0.00	17.41 -0.10 0.00	20.34 -0.11 0.00	27.62 -0.18 0.00	37.50 -0.22 0.00	29.27 -0.61 0.00	34.55 -0.83 0.00	32.36 -1.23 0.00	36.75 -0.77 0.00	32.69 -0.39 0.00	21.80 -0.22 0.00	23.05 -0.32 0.00	23.44 -0.30 0.00
ALCOA_RYNLDS___DRP 24188	19.59 -0.20 0.00	19.28 -0.16 0.00	18.31 -0.16 0.00	17.66 -0.10 0.00	17.52 -0.03 0.00	18.20 -0.02 0.00	20.20 -0.11 0.00	24.62 -0.10 0.00	24.71 -0.12 0.00	23.20 -0.12 0.00	22.10 -0.12 0.00	16.81 -0.09 0.00	17.41 -0.10 0.00	20.34 -0.11 0.00	27.62 -0.18 0.00	37.50 -0.22 0.00	29.27 -0.61 0.00	34.55 -0.83 0.00	32.36 -1.23 0.00	36.75 -0.77 0.00	32.69 -0.39 0.00	21.80 -0.22 0.00	23.05 -0.32 0.00	23.44 -0.30 0.00
ALCOA___DSASP 323711	19.59 -0.20 0.00	19.28 -0.16 0.00	18.31 -0.16 0.00	17.66 -0.10 0.00	17.52 -0.03 0.00	18.20 -0.02 0.00	20.20 -0.11 0.00	24.62 -0.10 0.00	24.71 -0.12 0.00	23.20 -0.12 0.00	22.10 -0.12 0.00	16.81 -0.09 0.00	17.41 -0.10 0.00	20.33 -0.11 0.00	27.62 -0.18 0.00	37.50 -0.21 0.00	29.28 -0.60 0.00	34.55 -0.83 0.00	32.36 -1.22 0.00	36.75 -0.77 0.00	32.69 -0.39 0.00	21.80 -0.22 0.00	23.05 -0.31 0.00	23.44 -0.30 0.00
ALLEGHENY___COGEN 23514	20.93 1.14 0.00	20.48 1.04 0.00	19.27 0.79 0.00	18.26 0.50 0.00	18.06 0.51 0.00	19.00 0.79 0.00	21.26 0.95 0.00	25.82 1.10 0.00	26.03 1.20 0.00	24.10 0.78 0.00	23.01 0.78 0.00	17.49 0.59 0.00	17.82 0.30 0.00	20.81 0.36 0.00	28.39 0.59 0.00	38.45 0.74 0.00	31.08 1.21 0.00	36.99 1.61 0.00	35.91 2.32 0.00	39.63 2.12 0.00	33.70 0.63 0.00	22.47 0.45 0.00	24.40 1.03 0.00	24.93 1.19 0.00
ALTAMONT_115KV_TB 2 55880	20.20 0.40 0.00	19.85 0.42 0.00	18.92 0.44 0.00	18.20 0.44 0.00	17.95 0.39 0.00	18.58 0.37 0.00	20.88 0.56 0.00	25.46 0.73 0.00	25.55 0.72 0.00	23.96 0.64 0.00	24.23 0.50 -1.50	36.32 0.25 -19.17	33.90 0.27 -16.11	28.01 0.33 -7.23	36.06 0.42 -7.83	41.35 0.58 -3.06	43.88 0.61 -13.39	33.28 0.82 2.91	35.44 0.93 -0.92	39.97 1.09 -1.37	37.24 1.05 -3.11	25.59 0.62 -2.96	24.48 0.72 -0.39	24.35 0.61 0.00
ALTONA_WT_PWR 323606	19.34 -0.46 0.00	18.97 -0.47 0.00	18.15 -0.33 0.00	17.61 -0.15 0.00	17.52 -0.03 0.00	18.35 0.13 0.00	20.73 0.42 0.00	25.45 0.72 0.00	25.46 0.63 0.00	23.84 0.52 0.00	22.73 0.50 0.00	17.30 0.40 0.00	17.93 0.41 0.00	20.96 0.51 0.00	28.45 0.65 0.00	38.64 0.92 0.00	30.51 0.63 0.00	35.97 0.59 0.00	33.70 0.12 0.00	37.91 0.39 0.00	33.21 0.13 0.00	21.87 -0.14 0.00	22.93 -0.44 0.00	23.13 -0.61 0.00
AMERICAN_REF_FUEL 24010	19.56 -0.23 0.00	19.28 -0.16 0.00	18.08 -0.40 0.00	16.96 -0.80 0.00	16.78 -0.77 0.00	17.67 -0.55 0.00	19.39 -0.92 0.00	23.31 -1.41 0.00	23.95 -0.88 0.00	22.78 -0.54 0.00	21.91 -0.32 0.00	16.85 -0.05 0.00	17.43 -0.09 0.00	20.41 -0.04 0.00	27.77 -0.03 0.00	37.47 -0.25 0.00	30.54 0.66 0.00	36.16 0.78 0.00	34.31 0.73 0.00	37.25 -0.26 0.00	31.28 -1.80 0.00	21.06 -0.96 0.00	22.56 -0.81 0.00	23.18 -0.56 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.56 0.76 0.00	20.13 0.70 0.00	18.86 0.38 0.00	17.77 0.01 0.00	17.58 0.03 0.00	18.54 0.33 0.00	20.60 0.29 0.00	24.91 0.18 0.00	25.51 0.68 0.00	24.28 0.96 0.00	23.40 1.17 0.00	17.97 1.08 0.00	18.57 1.06 0.00	21.83 1.39 0.00	29.86 2.06 0.00	40.21 2.50 0.00	32.61 2.73 0.00	38.41 3.03 0.00	36.10 2.52 0.00	39.06 1.55 0.00	32.70 -0.38 0.00	21.99 -0.03 0.00	23.37 0.00 0.00	23.65 -0.09 0.00
ARTHUR_KILL_GT_1 23520	20.91 1.11 0.00	20.47 1.03 0.00	19.40 0.93 0.00	18.63 0.87 0.00	18.36 0.81 0.00	19.17 0.95 0.00	21.72 1.40 0.00	26.49 1.77 0.00	26.70 1.86 -0.01	25.15 1.83 0.00	26.26 1.83 -2.20	32.63 1.45 -14.28	31.25 1.52 -12.20	33.10 1.79 -10.86	54.33 2.43 -24.11	49.15 3.41 -8.03	115.55 2.93 -82.73	70.34 3.39 -31.58	39.60 3.20 -2.81	44.55 3.45 -3.58	33.35 2.84 2.57	31.81 2.02 -7.78	26.68 2.21 -1.11	25.68 1.94 0.00
ARTHUR_KILL_2 23512	20.85 1.06 0.00	20.42 0.98 0.00	19.36 0.88 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.12 0.90 0.00	21.66 1.35 0.00	26.42 1.69 0.00	26.62 1.79 -0.01	25.08 1.76 0.00	26.20 1.77 -2.20	32.58 1.40 -14.28	31.19 1.47 -12.20	33.03 1.72 -10.86	54.23 2.33 -24.11	49.01 3.27 -8.03	115.41 2.80 -82.73	70.19 3.24 -31.58	39.45 3.06 -2.81	44.39 3.30 -3.58	33.22 2.71 2.57	31.73 1.94 -7.78	26.60 2.13 -1.11	25.61 1.86 0.00
ARTHUR_KILL_3 23513	20.88 1.08 0.00	20.41 0.97 0.00	19.35 0.87 0.00	18.58 0.82 0.00	18.32 0.77 0.00	19.10 0.88 0.00	21.64 1.33 0.00	26.41 1.69 0.00	26.65 1.83 0.00	25.08 1.76 0.00	27.10 1.77 -3.10	53.46 1.39 -35.17	36.37 1.46 -17.39	42.28 1.68 -20.16	54.22 2.31 -24.11	48.86 3.12 -8.03	115.27 2.66 -82.74	69.96 3.00 -31.58	39.32 2.92 -2.81	44.27 3.17 -3.59	33.13 2.62 2.57	31.63 1.84 -7.77	26.50 2.03 -1.10	25.53 1.79 0.00
ARTHUR_KILL_COGEN 323718	20.91 1.11 0.00	20.47 1.03 0.00	19.40 0.93 0.00	18.63 0.87 0.00	18.36 0.81 0.00	19.17 0.95 0.00	21.72 1.40 0.00	26.49 1.77 0.00	26.70 1.86 -0.01	25.15 1.83 0.00	26.26 1.83 -2.20	32.63 1.45 -14.28	31.25 1.52 -12.20	33.10 1.79 -10.86	54.33 2.43 -24.11	49.15 3.41 -8.03	115.55 2.93 -82.73	70.34 3.39 -31.58	39.60 3.20 -2.81	44.55 3.45 -3.58	33.35 2.84 2.57	31.81 2.02 -7.78	26.68 2.21 -1.11	25.68 1.94 0.00
ASHOKAN____ 23654	20.45 0.65 0.00	20.11 0.67 0.00	19.17 0.69 0.00	18.44 0.68 0.00	18.18 0.63 0.00	18.84 0.63 0.00	21.45 1.14 0.00	26.20 1.48 0.00	26.30 1.47 0.00	24.54 1.22 0.00	23.77 0.92 -0.62	-36.90 0.69 54.47	-99.84 0.85 118.21	34.45 1.06 -12.95	42.83 1.54 -13.49	44.58 2.11 -4.76	71.77 2.20 -39.69	49.54 2.95 -11.21	38.16 2.98 -1.59	43.23 3.58 -2.13	37.92 2.98 -1.86	28.53 1.90 -4.61	25.66 1.86 -0.43	24.91 1.16 0.00

ASTORIA_EAST_ENERGY_CC1 323581	20.82 1.02 0.00	20.39 0.95 0.00	19.31 0.84 0.00	18.58 0.82 0.00	18.31 0.76 0.00	19.11 0.89 0.00	21.65 1.34 0.00	26.44 1.71 0.00	26.71 1.88 -0.01	25.11 1.79 0.00	28.11 1.86 -4.03	60.81 1.42 -42.50	38.61 1.46 -19.62	45.33 1.68 -23.21	54.20 2.29 -24.11	48.84 3.09 -8.03	115.28 2.67 -82.74	70.65 3.09 -32.18	39.39 3.00 -2.81	44.34 3.25 -3.59	45.22 2.70 -9.44	31.70 1.91 -7.78	26.52 2.05 -1.11	25.51 1.77 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.82 1.02 0.00	20.39 0.95 0.00	19.31 0.84 0.00	18.58 0.82 0.00	18.31 0.76 0.00	19.11 0.89 0.00	21.65 1.34 0.00	26.44 1.71 0.00	26.71 1.88 -0.01	25.11 1.79 0.00	28.11 1.86 -4.03	60.81 1.42 -42.50	38.61 1.46 -19.62	45.33 1.68 -23.21	54.20 2.29 -24.11	48.84 3.09 -8.03	115.28 2.67 -82.74	70.65 3.09 -32.18	39.39 3.00 -2.81	44.34 3.25 -3.59	45.22 2.70 -9.44	31.70 1.91 -7.78	26.52 2.05 -1.11	25.51 1.77 0.00
ASTORIA_GT2_1 24094	20.83 1.03 0.00	20.40 0.96 0.00	19.32 0.85 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.11 0.89 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.71 1.89 0.00	25.13 1.81 0.00	28.12 1.87 -4.03	60.83 1.43 -42.50	38.61 1.46 -19.63	45.36 1.69 -23.21	54.21 2.30 -24.11	48.86 3.11 -8.03	115.30 2.69 -82.74	70.67 3.11 -32.18	39.40 3.01 -2.81	44.38 3.27 -3.59	45.23 2.72 -9.44	31.71 1.92 -7.77	26.54 2.07 -1.10	25.53 1.79 0.00
ASTORIA_GT2_2 24095	20.83 1.03 0.00	20.40 0.96 0.00	19.32 0.85 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.11 0.89 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.71 1.89 0.00	25.13 1.81 0.00	28.12 1.87 -4.03	60.83 1.43 -42.50	38.61 1.46 -19.63	45.36 1.69 -23.21	54.21 2.30 -24.11	48.86 3.11 -8.03	115.30 2.69 -82.74	70.67 3.11 -32.18	39.40 3.01 -2.81	44.38 3.27 -3.59	45.23 2.72 -9.44	31.71 1.92 -7.77	26.54 2.07 -1.10	25.53 1.79 0.00
ASTORIA_GT2_3 24096	20.83 1.03 0.00	20.40 0.96 0.00	19.32 0.85 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.11 0.89 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.71 1.89 0.00	25.13 1.81 0.00	28.12 1.87 -4.03	60.83 1.43 -42.50	38.61 1.46 -19.63	45.36 1.69 -23.21	54.21 2.30 -24.11	48.86 3.11 -8.03	115.30 2.69 -82.74	70.67 3.11 -32.18	39.40 3.01 -2.81	44.38 3.27 -3.59	45.23 2.72 -9.44	31.71 1.92 -7.77	26.54 2.07 -1.10	25.53 1.79 0.00
ASTORIA_GT2_4 24097	20.83 1.03 0.00	20.40 0.96 0.00	19.32 0.85 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.11 0.89 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.71 1.89 0.00	25.13 1.81 0.00	28.12 1.87 -4.03	60.83 1.43 -42.50	38.61 1.46 -19.63	45.36 1.69 -23.21	54.21 2.30 -24.11	48.86 3.11 -8.03	115.30 2.69 -82.74	70.67 3.11 -32.18	39.40 3.01 -2.81	44.38 3.27 -3.59	45.23 2.72 -9.44	31.71 1.92 -7.77	26.54 2.07 -1.10	25.53 1.79 0.00
ASTORIA_GT3_1 24098	20.83 1.03 0.00	20.40 0.96 0.00	19.32 0.85 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.11 0.89 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.71 1.89 0.00	25.13 1.81 0.00	28.12 1.87 -4.03	60.83 1.43 -42.50	38.61 1.46 -19.63	45.36 1.69 -23.21	54.21 2.30 -24.11	48.86 3.11 -8.03	115.30 2.69 -82.74	70.67 3.11 -32.18	39.40 3.01 -2.81	44.38 3.27 -3.59	45.23 2.72 -9.44	31.71 1.92 -7.77	26.54 2.07 -1.10	25.53 1.79 0.00
ASTORIA_GT3_2 24099	20.83 1.03 0.00	20.40 0.96 0.00	19.32 0.85 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.11 0.89 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.71 1.89 0.00	25.13 1.81 0.00	28.12 1.87 -4.03	60.83 1.43 -42.50	38.61 1.46 -19.63	45.36 1.69 -23.21	54.21 2.30 -24.11	48.86 3.11 -8.03	115.30 2.69 -82.74	70.67 3.11 -32.18	39.40 3.01 -2.81	44.38 3.27 -3.59	45.23 2.72 -9.44	31.71 1.92 -7.77	26.54 2.07 -1.10	25.53 1.79 0.00
ASTORIA_GT3_3 24100	20.83 1.03 0.00	20.40 0.96 0.00	19.32 0.85 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.11 0.89 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.71 1.89 0.00	25.13 1.81 0.00	28.12 1.87 -4.03	60.83 1.43 -42.50	38.61 1.46 -19.63	45.36 1.69 -23.21	54.21 2.30 -24.11	48.86 3.11 -8.03	115.30 2.69 -82.74	70.67 3.11 -32.18	39.40 3.01 -2.81	44.38 3.27 -3.59	45.23 2.72 -9.44	31.71 1.92 -7.77	26.54 2.07 -1.10	25.53 1.79 0.00
ASTORIA_GT3_4 24101	20.83 1.03 0.00	20.40 0.96 0.00	19.32 0.85 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.11 0.89 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.71 1.89 0.00	25.13 1.81 0.00	28.12 1.87 -4.03	60.83 1.43 -42.50	38.61 1.46 -19.63	45.36 1.69 -23.21	54.21 2.30 -24.11	48.86 3.11 -8.03	115.30 2.69 -82.74	70.67 3.11 -32.18	39.40 3.01 -2.81	44.38 3.27 -3.59	45.23 2.72 -9.44	31.71 1.92 -7.77	26.54 2.07 -1.10	25.53 1.79 0.00
ASTORIA_GT4_1 24102	20.83 1.03 0.00	20.40 0.96 0.00	19.32 0.85 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.11 0.89 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.71 1.89 0.00	25.13 1.81 0.00	28.12 1.87 -4.03	60.83 1.43 -42.50	38.61 1.46 -19.63	45.36 1.69 -23.21	54.21 2.30 -24.11	48.86 3.11 -8.03	115.30 2.69 -82.74	70.67 3.11 -32.18	39.40 3.01 -2.81	44.38 3.27 -3.59	45.23 2.72 -9.44	31.71 1.92 -7.77	26.54 2.07 -1.10	25.53 1.79 0.00
ASTORIA_GT4_2 24103	20.83 1.03 0.00	20.40 0.96 0.00	19.32 0.85 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.11 0.89 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.71 1.89 0.00	25.13 1.81 0.00	28.12 1.87 -4.03	60.83 1.43 -42.50	38.61 1.46 -19.63	45.36 1.69 -23.21	54.21 2.30 -24.11	48.86 3.11 -8.03	115.30 2.69 -82.74	70.67 3.11 -32.18	39.40 3.01 -2.81	44.38 3.27 -3.59	45.23 2.72 -9.44	31.71 1.92 -7.77	26.54 2.07 -1.10	25.53 1.79 0.00
ASTORIA_GT4_3 24104	20.83 1.03 0.00	20.40 0.96 0.00	19.32 0.85 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.11 0.89 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.71 1.89 0.00	25.13 1.81 0.00	28.12 1.87 -4.03	60.83 1.43 -42.50	38.61 1.46 -19.63	45.36 1.69 -23.21	54.21 2.30 -24.11	48.86 3.11 -8.03	115.30 2.69 -82.74	70.67 3.11 -32.18	39.40 3.01 -2.81	44.38 3.27 -3.59	45.23 2.72 -9.44	31.71 1.92 -7.77	26.54 2.07 -1.10	25.53 1.79 0.00
ASTORIA_GT4_4 24105	20.83 1.03 0.00	20.40 0.96 0.00	19.32 0.85 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.11 0.89 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.71 1.89 0.00	25.13 1.81 0.00	28.12 1.87 -4.03	60.83 1.43 -42.50	38.61 1.46 -19.63	45.36 1.69 -23.21	54.21 2.30 -24.11	48.86 3.11 -8.03	115.30 2.69 -82.74	70.67 3.11 -32.18	39.40 3.01 -2.81	44.38 3.27 -3.59	45.23 2.72 -9.44	31.71 1.92 -7.77	26.54 2.07 -1.10	25.53 1.79 0.00
ASTORIA_GT_1 23523	20.87 1.08 0.00	20.43 0.99 0.00	19.35 0.88 0.00	18.62 0.86 0.00	18.35 0.80 0.00	19.15 0.93 0.00	21.70 1.39 0.00	26.51 1.78 0.00	26.79 1.95 -0.01	25.18 1.86 0.00	28.18 1.92 -4.03	60.87 1.47 -42.50	38.66 1.52 -19.62	45.41 1.75 -23.21	54.29 2.38 -24.11	48.96 3.22 -8.03	115.39 2.77 -82.74	70.77 3.21 -32.18	39.50 3.10 -2.81	44.46 3.36 -3.59	45.31 2.80 -9.44	31.77 1.97 -7.78	26.59 2.12 -1.11	25.58 1.83 0.00

ASTORIA_GT_10 24110	20.94 1.15 0.00	20.50 1.06 0.00	19.42 0.94 0.00	18.66 0.90 0.00	18.40 0.84 0.00	19.19 0.97 0.00	21.76 1.44 0.00	26.57 1.84 0.00	26.81 1.98 0.00	25.22 1.90 0.00	30.67 1.94 -6.51	62.31 1.50 -43.91	40.35 1.57 -21.27	45.47 1.81 -23.21	54.33 2.42 -24.11	49.00 3.26 -8.03	115.39 2.78 -82.74	70.78 3.22 -32.18	39.53 3.13 -2.81	44.50 3.40 -3.59	45.34 2.83 -9.44	31.81 2.02 -7.77	26.68 2.21 -1.10	25.68 1.93 0.00
ASTORIA_GT_11 24225	20.94 1.15 0.00	20.50 1.06 0.00	19.42 0.94 0.00	18.66 0.90 0.00	18.40 0.84 0.00	19.19 0.97 0.00	21.76 1.44 0.00	26.57 1.84 0.00	26.81 1.98 0.00	25.22 1.90 0.00	30.67 1.94 -6.51	62.31 1.50 -43.91	40.35 1.57 -21.27	45.47 1.81 -23.21	54.33 2.42 -24.11	49.00 3.26 -8.03	115.39 2.78 -82.74	70.78 3.22 -32.18	39.53 3.13 -2.81	44.50 3.40 -3.59	45.34 2.83 -9.44	31.81 2.02 -7.77	26.68 2.21 -1.10	25.68 1.93 0.00
ASTORIA_GT_12 24226	20.94 1.15 0.00	20.50 1.06 0.00	19.42 0.94 0.00	18.66 0.90 0.00	18.40 0.84 0.00	19.19 0.97 0.00	21.76 1.44 0.00	26.57 1.84 0.00	26.81 1.98 0.00	25.22 1.90 0.00	30.67 1.94 -6.51	62.31 1.50 -43.91	40.35 1.57 -21.27	45.47 1.81 -23.21	54.33 2.42 -24.11	49.00 3.26 -8.03	115.39 2.78 -82.74	70.78 3.22 -32.18	39.53 3.13 -2.81	44.50 3.40 -3.59	45.34 2.83 -9.44	31.81 2.02 -7.77	26.68 2.21 -1.10	25.68 1.93 0.00
ASTORIA_GT_13 24227	20.94 1.15 0.00	20.50 1.06 0.00	19.42 0.94 0.00	18.66 0.90 0.00	18.40 0.84 0.00	19.19 0.97 0.00	21.76 1.44 0.00	26.57 1.84 0.00	26.81 1.98 0.00	25.22 1.90 0.00	30.67 1.94 -6.51	62.31 1.50 -43.91	40.35 1.57 -21.27	45.47 1.81 -23.21	54.33 2.42 -24.11	49.00 3.26 -8.03	115.39 2.78 -82.74	70.78 3.22 -32.18	39.53 3.13 -2.81	44.50 3.40 -3.59	45.34 2.83 -9.44	31.81 2.02 -7.77	26.68 2.21 -1.10	25.68 1.93 0.00
ASTORIA_GT_5 24106	20.87 1.08 0.00	20.43 0.99 0.00	19.35 0.88 0.00	18.62 0.86 0.00	18.35 0.80 0.00	19.15 0.93 0.00	21.70 1.39 0.00	26.51 1.78 0.00	26.79 1.95 -0.01	25.18 1.86 0.00	28.18 1.92 -4.03	60.87 1.47 -42.50	38.66 1.52 -19.62	45.41 1.75 -23.21	54.29 2.38 -24.11	48.96 3.22 -8.03	115.39 2.77 -82.74	70.77 3.21 -32.18	39.50 3.10 -2.81	44.46 3.36 -3.59	45.31 2.80 -9.44	31.77 1.97 -7.78	26.59 2.12 -1.11	25.58 1.83 0.00
ASTORIA_GT_7 24107	20.87 1.08 0.00	20.43 0.99 0.00	19.35 0.88 0.00	18.62 0.86 0.00	18.35 0.80 0.00	19.15 0.93 0.00	21.70 1.39 0.00	26.51 1.78 0.00	26.79 1.95 -0.01	25.18 1.86 0.00	28.18 1.92 -4.03	60.87 1.47 -42.50	38.66 1.52 -19.62	45.41 1.75 -23.21	54.29 2.38 -24.11	48.96 3.22 -8.03	115.39 2.77 -82.74	70.77 3.21 -32.18	39.50 3.10 -2.81	44.46 3.36 -3.59	45.31 2.80 -9.44	31.77 1.97 -7.78	26.59 2.12 -1.11	25.58 1.83 0.00
ASTORIA_GT_8 24108	20.87 1.07 0.00	20.43 0.99 0.00	19.35 0.87 0.00	18.62 0.86 0.00	18.35 0.80 0.00	19.14 0.92 0.00	21.70 1.39 0.00	26.51 1.78 0.00	26.78 1.95 0.00	25.19 1.87 0.00	28.18 1.93 -4.03	60.87 1.48 -42.50	38.66 1.51 -19.63	45.41 1.75 -23.21	54.29 2.38 -24.11	48.97 3.22 -8.03	115.39 2.77 -82.74	70.78 3.21 -32.18	39.50 3.11 -2.81	44.46 3.36 -3.59	45.31 2.79 -9.44	31.76 1.97 -7.77	26.58 2.12 -1.10	25.58 1.84 0.00
ASTORIA___2 24149	20.83 1.04 0.00	20.40 0.96 0.00	19.33 0.85 0.00	18.59 0.83 0.00	18.32 0.77 0.00	19.11 0.90 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.72 1.89 -0.01	25.12 1.80 0.00	28.12 1.87 -4.03	60.82 1.43 -42.50	38.61 1.46 -19.62	45.35 1.69 -23.21	54.22 2.31 -24.11	48.85 3.11 -8.03	115.30 2.69 -82.74	70.67 3.11 -32.18	39.40 3.01 -2.81	44.38 3.27 -3.59	45.23 2.71 -9.44	31.72 1.92 -7.78	26.54 2.07 -1.11	25.53 1.79 0.00
ASTORIA___3 23516	20.95 1.15 0.00	20.49 1.05 0.00	19.42 0.94 0.00	18.66 0.90 0.00	18.40 0.84 0.00	19.19 0.97 0.00	21.76 1.44 0.00	26.58 1.84 0.00	26.82 1.98 -0.01	25.21 1.89 0.00	30.67 1.94 -6.51	62.30 1.50 -43.91	40.35 1.57 -21.27	45.47 1.81 -23.21	54.33 2.41 -24.11	49.00 3.25 -8.03	115.39 2.77 -82.74	70.77 3.21 -32.18	39.53 3.13 -2.81	44.49 3.39 -3.59	45.34 2.83 -9.44	31.82 2.02 -7.78	26.68 2.21 -1.11	25.67 1.93 0.00
ASTORIA___4 23517	20.94 1.15 0.00	20.50 1.06 0.00	19.42 0.94 0.00	18.66 0.90 0.00	18.40 0.84 0.00	19.19 0.97 0.00	21.76 1.44 0.00	26.57 1.84 0.00	26.81 1.98 0.00	25.22 1.90 0.00	30.67 1.94 -6.51	62.31 1.50 -43.91	40.35 1.57 -21.27	45.47 1.81 -23.21	54.33 2.42 -24.11	49.00 3.26 -8.03	115.39 2.78 -82.74	70.78 3.22 -32.18	39.53 3.13 -2.81	44.50 3.40 -3.59	45.34 2.83 -9.44	31.81 2.02 -7.77	26.68 2.21 -1.10	25.68 1.93 0.00
ASTORIA___5 23518	20.95 1.15 0.00	20.49 1.05 0.00	19.42 0.94 0.00	18.66 0.90 0.00	18.40 0.84 0.00	19.19 0.97 0.00	21.76 1.44 0.00	26.58 1.84 0.00	26.81 1.98 -0.01	25.21 1.89 0.00	30.67 1.94 -6.51	62.30 1.50 -43.91	40.35 1.57 -21.27	45.47 1.81 -23.21	54.33 2.41 -24.11	49.00 3.25 -8.03	115.39 2.77 -82.74	70.77 3.21 -32.18	39.52 3.13 -2.81	44.49 3.39 -3.59	45.34 2.83 -9.44	31.82 2.02 -7.78	26.68 2.21 -1.11	25.67 1.93 0.00
AST_ENERGY_2_CC3 323677	20.89 1.09 0.00	20.42 0.97 0.00	19.35 0.87 0.00	18.59 0.83 0.00	18.33 0.78 0.00	19.11 0.89 0.00	21.67 1.36 0.00	26.46 1.73 0.00	26.70 1.87 0.00	25.15 1.83 0.00	28.11 1.84 -4.04	60.84 1.45 -42.50	38.65 1.50 -19.63	45.40 1.74 -23.21	54.29 2.38 -24.11	48.97 3.22 -8.03	115.40 2.78 -82.74	70.71 3.15 -32.18	39.43 3.03 -2.81	44.41 3.31 -3.59	45.27 2.76 -9.44	31.70 1.91 -7.77	26.57 2.10 -1.10	25.58 1.84 0.00
AST_ENERGY_2_CC4 323678	20.89 1.09 0.00	20.42 0.97 0.00	19.35 0.87 0.00	18.59 0.83 0.00	18.33 0.78 0.00	19.11 0.89 0.00	21.67 1.36 0.00	26.46 1.73 0.00	26.70 1.87 0.00	25.15 1.83 0.00	28.11 1.84 -4.04	60.84 1.45 -42.50	38.65 1.50 -19.63	45.40 1.74 -23.21	54.29 2.38 -24.11	48.97 3.22 -8.03	115.40 2.78 -82.74	70.71 3.15 -32.18	39.43 3.03 -2.81	44.41 3.31 -3.59	45.27 2.76 -9.44	31.70 1.91 -7.77	26.57 2.10 -1.10	25.58 1.84 0.00
ATHENS_STG_1 23668	20.32 0.52 0.00	19.93 0.50 0.00	19.00 0.52 0.00	18.29 0.53 0.00	18.02 0.47 0.00	18.66 0.44 0.00	20.98 0.67 0.00	25.60 0.87 0.00	25.72 0.89 0.00	24.16 0.84 0.00	24.86 0.77 -1.86	36.68 0.52 -19.27	27.53 0.55 -9.46	32.16 0.65 -11.07	40.22 0.84 -11.58	42.82 1.12 -3.98	40.60 1.03 -9.69	26.33 1.23 10.28	36.00 1.27 -1.14	40.73 1.44 -1.78	38.68 1.36 -4.25	26.75 0.88 -3.86	24.89 1.00 -0.52	24.61 0.87 0.00
ATHENS_STG_2 23670	20.32 0.52 0.00	19.93 0.50 0.00	19.00 0.52 0.00	18.29 0.53 0.00	18.02 0.47 0.00	18.66 0.44 0.00	20.98 0.67 0.00	25.60 0.87 0.00	25.72 0.89 0.00	24.16 0.84 0.00	24.86 0.77 -1.86	36.68 0.52 -19.27	27.53 0.55 -9.46	32.16 0.65 -11.07	40.22 0.84 -11.58	42.82 1.12 -3.98	40.60 1.03 -9.69	26.33 1.23 10.28	36.00 1.27 -1.14	40.73 1.44 -1.78	38.68 1.36 -4.25	26.75 0.88 -3.86	24.89 1.00 -0.52	24.61 0.87 0.00

ATHENS_STG_3 23677	20.32 0.52 0.00	19.93 0.50 0.00	19.00 0.52 0.00	18.29 0.53 0.00	18.02 0.47 0.00	18.66 0.44 0.00	20.98 0.67 0.00	25.60 0.87 0.00	25.72 0.89 0.00	24.16 0.84 0.00	24.86 0.77 -1.86	36.68 0.52 -19.27	27.53 0.55 -9.46	32.16 0.65 -11.07	40.22 0.84 -11.58	42.82 1.12 -3.98	40.60 1.03 -9.69	26.33 1.23 10.28	36.00 1.27 -1.14	40.73 1.44 -1.78	38.68 1.36 -4.25	26.75 0.88 -3.86	24.89 1.00 -0.52	24.61 0.87 0.00
AUBURN____LFGE 323710	20.18 0.38 0.00	19.71 0.28 0.00	18.75 0.27 0.00	17.98 0.22 0.00	17.74 0.19 0.00	18.51 0.29 0.00	20.67 0.35 0.00	25.05 0.33 0.00	25.21 0.38 0.00	23.57 0.25 0.00	22.51 0.28 0.00	17.24 0.34 0.00	17.87 0.35 0.00	20.88 0.44 0.00	28.46 0.65 0.00	38.53 0.81 0.00	30.85 0.97 0.00	36.76 1.38 0.00	34.80 1.22 0.00	38.57 1.06 0.00	33.54 0.47 0.00	22.32 0.31 0.00	23.72 0.35 0.00	24.26 0.52 0.00
BABYLON_RES_REC 323704	21.33 1.45 -0.08	20.67 1.23 0.00	19.58 1.11 0.00	18.79 1.03 0.00	18.53 0.98 0.00	19.39 1.18 0.00	22.07 1.76 0.00	26.89 2.17 0.00	27.06 2.23 0.00	25.48 2.16 0.00	28.49 2.21 -4.05	60.98 1.75 -42.34	38.94 1.74 -19.68	45.58 1.87 -23.27	54.67 2.62 -24.25	51.49 3.69 -10.09	115.80 3.12 -82.81	73.05 3.82 -33.86	47.01 3.75 -9.68	143.09 4.06 -101.51	156.72 3.54 -120.10	46.65 2.42 -22.21	28.73 2.62 -2.75	30.01 2.41 -3.85
BABYLON__69_KV_BK2 356345	21.70 1.65 -0.25	20.90 1.46 0.00	19.80 1.32 0.00	18.99 1.23 0.00	18.73 1.18 0.00	19.63 1.41 0.00	22.33 2.02 0.00	27.21 2.49 0.00	27.37 2.54 0.00	25.78 2.47 0.00	28.78 2.50 -4.05	61.21 1.98 -42.34	39.18 1.98 -19.68	45.82 2.11 -23.27	54.97 2.92 -24.25	51.91 4.11 -10.09	116.14 3.46 -82.81	73.49 4.25 -33.86	47.41 4.14 -9.68	143.48 4.45 -101.51	157.11 3.93 -120.10	46.70 2.70 -21.98	28.99 2.88 -2.75	30.28 2.69 -3.85
BALL_HILL_WT_PWR 323825	20.30 0.50 0.00	19.90 0.46 0.00	18.67 0.19 0.00	17.57 -0.19 0.00	17.38 -0.17 0.00	18.34 0.12 0.00	20.34 0.03 0.00	24.58 -0.14 0.00	25.13 0.30 0.00	23.85 0.53 0.00	22.99 0.76 0.00	17.64 0.75 0.00	18.23 0.71 0.00	21.40 0.96 0.00	29.28 1.47 0.00	39.46 1.74 0.00	32.08 2.20 0.00	37.75 2.37 0.00	35.61 2.03 0.00	38.80 1.29 0.00	32.64 -0.43 0.00	21.96 -0.06 0.00	23.47 0.10 0.00	23.95 0.20 0.00
BARON_WINDS____WT_PWR 323822	20.29 0.49 0.00	19.86 0.42 0.00	18.72 0.24 0.00	17.76 0.00 0.00	17.55 0.00 0.00	18.42 0.21 0.00	20.55 0.24 0.00	24.95 0.22 0.00	25.25 0.42 0.00	23.86 0.55 0.00	22.88 0.65 0.00	17.44 0.54 0.00	17.96 0.44 0.00	21.04 0.59 0.00	28.79 0.99 0.00	38.91 1.19 0.00	31.44 1.56 0.00	37.00 1.62 0.00	34.94 1.36 0.00	38.29 0.77 0.00	32.48 -0.59 0.00	21.74 -0.27 0.00	23.32 -0.05 0.00	23.81 0.07 0.00
BARRETT_IC_1 23704	21.04 1.24 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.41 0.85 0.00	19.22 1.00 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.79 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.57 1.37 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.24 2.55 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85
BARRETT_IC_10 23701	21.04 1.24 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.41 0.85 0.00	19.22 1.00 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.79 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.57 1.37 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.24 2.55 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85
BARRETT_IC_11 23702	21.04 1.24 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.41 0.85 0.00	19.22 1.00 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.79 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.57 1.37 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.24 2.55 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85
BARRETT_IC_12 23703	21.04 1.24 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.41 0.85 0.00	19.22 1.00 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.79 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.57 1.37 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.24 2.55 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85
BARRETT_IC_2 23705	21.04 1.24 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.41 0.85 0.00	19.22 1.00 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.79 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.57 1.37 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.24 2.55 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85
BARRETT_IC_3 23706	21.04 1.24 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.41 0.85 0.00	19.22 1.00 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.79 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.57 1.37 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.24 2.55 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85
BARRETT_IC_4 23707	21.04 1.24 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.41 0.85 0.00	19.22 1.00 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.79 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.57 1.37 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.24 2.55 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85
BARRETT_IC_5 23708	21.04 1.24 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.41 0.85 0.00	19.22 1.00 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.79 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.57 1.37 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.24 2.55 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85
BARRETT_IC_6 23709	21.04 1.24 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.41 0.85 0.00	19.22 1.00 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.79 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.57 1.37 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.24 2.55 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85

BARRETT_IC_7 23710	21.03 1.23 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.40 0.85 0.00	19.22 1.01 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.80 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.56 1.36 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.25 2.56 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85
BARRETT_IC_8 23711	21.04 1.24 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.41 0.85 0.00	19.22 1.00 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.79 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.57 1.37 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.24 2.55 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85
BARRETT_IC_9 23700	21.04 1.24 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.41 0.85 0.00	19.22 1.00 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.79 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.57 1.37 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.24 2.55 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85
BARRETT___1 23545	21.04 1.24 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.41 0.85 0.00	19.22 1.00 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.79 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.57 1.37 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.24 2.55 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85
BARRETT___2 23546	21.04 1.24 0.00	20.52 1.08 0.00	19.43 0.96 0.00	18.65 0.89 0.00	18.41 0.85 0.00	19.22 1.00 0.00	21.74 1.43 0.00	26.45 1.72 0.00	26.64 1.82 0.00	25.11 1.79 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.57 1.37 -19.68	45.23 1.51 -23.27	54.26 2.21 -24.25	50.87 3.07 -10.09	115.24 2.55 -82.81	72.29 3.05 -33.86	46.27 3.01 -9.68	142.52 3.50 -101.51	156.16 2.98 -120.10	76.56 2.07 -52.48	28.41 2.30 -2.75	29.66 2.07 -3.85
BATAVIA___115KV_TB1 55881	20.36 0.57 0.00	19.98 0.54 0.00	18.76 0.29 0.00	17.66 -0.09 0.00	17.48 -0.07 0.00	18.37 0.15 0.00	20.35 0.04 0.00	24.56 -0.17 0.00	25.02 0.19 0.00	23.64 0.32 0.00	22.70 0.48 0.00	17.44 0.55 0.00	18.09 0.57 0.00	21.24 0.79 0.00	28.90 1.10 0.00	39.10 1.38 0.00	31.78 1.90 0.00	37.83 2.45 0.00	36.03 2.45 0.00	39.29 1.78 0.00	33.20 0.12 0.00	22.20 0.18 0.00	23.67 0.30 0.00	24.24 0.50 0.00
BAYONEEC___CTG1 323682	20.92 1.12 0.00	20.45 1.01 0.00	19.38 0.90 0.00	18.61 0.85 0.00	18.35 0.80 0.00	19.13 0.92 0.00	21.69 1.38 0.00	26.49 1.76 0.00	26.72 1.90 0.00	25.16 1.84 0.00	27.18 1.86 -3.10	53.53 1.46 -35.17	36.42 1.51 -17.39	42.35 1.74 -20.16	54.29 2.38 -24.11	48.97 3.22 -8.03	115.38 2.76 -82.74	70.08 3.12 -31.58	39.43 3.03 -2.81	44.41 3.30 -3.59	33.24 2.74 2.57	31.70 1.91 -7.77	26.59 2.12 -1.10	25.60 1.86 0.00
BAYONEEC___CTG10 323750	20.92 1.12 0.00	20.45 1.01 0.00	19.38 0.90 0.00	18.61 0.85 0.00	18.35 0.80 0.00	19.13 0.92 0.00	21.69 1.38 0.00	26.49 1.76 0.00	26.72 1.90 0.00	25.16 1.84 0.00	27.18 1.86 -3.10	53.53 1.46 -35.17	36.42 1.51 -17.39	42.35 1.74 -20.16	54.29 2.38 -24.11	48.97 3.22 -8.03	115.38 2.76 -82.74	70.08 3.12 -31.58	39.43 3.03 -2.81	44.41 3.30 -3.59	33.24 2.74 2.57	31.70 1.91 -7.77	26.59 2.12 -1.10	25.60 1.86 0.00
BAYONEEC___CTG2 323683	20.92 1.12 0.00	20.45 1.01 0.00	19.38 0.90 0.00	18.61 0.85 0.00	18.35 0.80 0.00	19.13 0.92 0.00	21.69 1.38 0.00	26.49 1.76 0.00	26.72 1.90 0.00	25.16 1.84 0.00	27.18 1.86 -3.10	53.53 1.46 -35.17	36.42 1.51 -17.39	42.35 1.74 -20.16	54.29 2.38 -24.11	48.97 3.22 -8.03	115.38 2.76 -82.74	70.08 3.12 -31.58	39.43 3.03 -2.81	44.41 3.30 -3.59	33.24 2.74 2.57	31.70 1.91 -7.77	26.59 2.12 -1.10	25.60 1.86 0.00
BAYONEEC___CTG3 323684	20.92 1.12 0.00	20.45 1.01 0.00	19.38 0.90 0.00	18.61 0.85 0.00	18.35 0.80 0.00	19.13 0.92 0.00	21.69 1.38 0.00	26.49 1.76 0.00	26.72 1.90 0.00	25.16 1.84 0.00	27.18 1.86 -3.10	53.53 1.46 -35.17	36.42 1.51 -17.39	42.35 1.74 -20.16	54.29 2.38 -24.11	48.97 3.22 -8.03	115.38 2.76 -82.74	70.08 3.12 -31.58	39.43 3.03 -2.81	44.41 3.30 -3.59	33.24 2.74 2.57	31.70 1.91 -7.77	26.59 2.12 -1.10	25.60 1.86 0.00
BAYONEEC___CTG4 323685	20.92 1.12 0.00	20.45 1.01 0.00	19.38 0.90 0.00	18.61 0.85 0.00	18.35 0.80 0.00	19.13 0.92 0.00	21.69 1.38 0.00	26.49 1.76 0.00	26.72 1.90 0.00	25.16 1.84 0.00	27.18 1.86 -3.10	53.53 1.46 -35.17	36.42 1.51 -17.39	42.35 1.74 -20.16	54.29 2.38 -24.11	48.97 3.22 -8.03	115.38 2.76 -82.74	70.08 3.12 -31.58	39.43 3.03 -2.81	44.41 3.30 -3.59	33.24 2.74 2.57	31.70 1.91 -7.77	26.59 2.12 -1.10	25.60 1.86 0.00
BAYONEEC___CTG5 323686	20.92 1.12 0.00	20.45 1.01 0.00	19.38 0.90 0.00	18.61 0.85 0.00	18.35 0.80 0.00	19.13 0.92 0.00	21.69 1.38 0.00	26.49 1.76 0.00	26.72 1.90 0.00	25.16 1.84 0.00	27.18 1.86 -3.10	53.53 1.46 -35.17	36.42 1.51 -17.39	42.35 1.74 -20.16	54.29 2.38 -24.11	48.97 3.22 -8.03	115.38 2.76 -82.74	70.08 3.12 -31.58	39.43 3.03 -2.81	44.41 3.30 -3.59	33.24 2.74 2.57	31.70 1.91 -7.77	26.59 2.12 -1.10	25.60 1.86 0.00
BAYONEEC___CTG6 323687	20.92 1.12 0.00	20.45 1.01 0.00	19.38 0.90 0.00	18.61 0.85 0.00	18.35 0.80 0.00	19.13 0.92 0.00	21.69 1.38 0.00	26.49 1.76 0.00	26.72 1.90 0.00	25.16 1.84 0.00	27.18 1.86 -3.10	53.53 1.46 -35.17	36.42 1.51 -17.39	42.35 1.74 -20.16	54.29 2.38 -24.11	48.97 3.22 -8.03	115.38 2.76 -82.74	70.08 3.12 -31.58	39.43 3.03 -2.81	44.41 3.30 -3.59	33.24 2.74 2.57	31.70 1.91 -7.77	26.59 2.12 -1.10	25.60 1.86 0.00
BAYONEEC___CTG7 323688	20.92 1.12 0.00	20.45 1.01 0.00	19.38 0.90 0.00	18.61 0.85 0.00	18.35 0.80 0.00	19.13 0.92 0.00	21.69 1.38 0.00	26.49 1.76 0.00	26.72 1.90 0.00	25.16 1.84 0.00	27.18 1.86 -3.10	53.53 1.46 -35.17	36.42 1.51 -17.39	42.35 1.74 -20.16	54.29 2.38 -24.11	48.97 3.22 -8.03	115.38 2.76 -82.74	70.08 3.12 -31.58	39.43 3.03 -2.81	44.41 3.30 -3.59	33.24 2.74 2.57	31.70 1.91 -7.77	26.59 2.12 -1.10	25.60 1.86 0.00
BAYONEEC___CTG8 323689	20.92 1.12 0.00	20.45 1.01 0.00	19.38 0.90 0.00	18.61 0.85 0.00	18.35 0.80 0.00	19.13 0.92 0.00	21.69 1.38 0.00	26.49 1.76 0.00	26.72 1.90 0.00	25.16 1.84 0.00	27.18 1.86 -3.10	53.53 1.46 -35.17	36.42 1.51 -17.39	42.35 1.74 -20.16	54.29 2.38 -24.11	48.97 3.22 -8.03	115.38 2.76 -82.74	70.08 3.12 -31.58	39.43 3.03 -2.81	44.41 3.30 -3.59	33.24 2.74 2.57	31.70 1.91 -7.77	26.59 2.12 -1.10	25.60 1.86 0.00

BAYONEEC___CTG9 323749	20.92 1.12 0.00	20.45 1.01 0.00	19.38 0.90 0.00	18.61 0.85 0.00	18.35 0.80 0.00	19.13 0.92 0.00	21.69 1.38 0.00	26.49 1.76 0.00	26.72 1.90 0.00	25.16 1.84 0.00	27.18 1.86 -3.10	53.53 1.46 -35.17	36.42 1.51 -17.39	42.35 1.74 -20.16	54.29 2.38 -24.11	48.97 3.22 -8.03	115.38 2.76 -82.74	70.08 3.12 -31.58	39.43 3.03 -2.81	44.41 3.30 -3.59	33.24 2.74 2.57	31.70 1.91 -7.77	26.59 2.12 -1.10	25.60 1.86 0.00
BEACON___LESR 323632	20.15 0.36 0.00	19.81 0.37 0.00	18.86 0.38 0.00	18.14 0.38 0.00	17.93 0.38 0.00	18.56 0.34 0.00	20.93 0.62 0.00	25.58 0.86 0.00	25.58 0.75 0.00	23.89 0.57 0.00	24.15 0.38 -1.54	31.69 0.13 -14.66	24.16 0.17 -6.47	27.81 0.25 -7.11	35.92 0.32 -7.80	41.31 0.44 -3.16	45.94 0.51 -15.55	34.70 0.88 1.57	35.58 1.03 -0.97	40.26 1.34 -1.41	37.51 1.26 -3.18	25.72 0.65 -3.06	24.51 0.74 -0.40	24.36 0.61 0.00
BEAVER RIVER___HYD 24048	20.23 0.44 0.00	19.95 0.51 0.00	19.00 0.52 0.00	18.29 0.53 0.00	18.13 0.58 0.00	18.86 0.64 0.00	21.09 0.78 0.00	25.69 0.96 0.00	25.62 0.79 0.00	23.84 0.52 0.00	22.64 0.41 0.00	17.22 0.32 0.00	17.81 0.29 0.00	20.82 0.37 0.00	28.32 0.52 0.00	38.52 0.80 0.00	30.65 0.77 0.00	36.62 1.24 0.00	34.81 1.22 0.00	38.86 1.35 0.00	33.43 0.35 0.00	22.13 0.11 0.00	23.41 0.05 0.00	23.90 0.16 0.00
BEEBEE_GT_13 23619	20.03 0.23 0.00	19.64 0.20 0.00	18.54 0.06 0.00	17.60 -0.16 0.00	17.40 -0.16 0.00	18.20 -0.02 0.00	20.26 -0.05 0.00	24.55 -0.17 0.00	24.85 0.03 0.00	23.42 0.10 0.00	22.47 0.25 0.00	17.21 0.32 0.00	17.86 0.34 0.00	20.92 0.48 0.00	28.55 0.74 0.00	38.71 0.99 0.00	31.18 1.30 0.00	37.01 1.63 0.00	35.16 1.58 0.00	38.66 1.15 0.00	33.19 0.11 0.00	22.11 0.10 0.00	23.51 0.14 0.00	23.98 0.23 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.11 1.31 0.00	20.64 1.20 0.00	19.55 1.08 0.00	18.79 1.03 0.00	18.52 0.97 0.00	19.33 1.12 0.00	21.93 1.61 0.00	26.78 2.06 0.00	27.02 2.19 0.00	25.45 2.13 0.00	30.87 2.14 -6.51	62.48 1.68 -43.91	40.53 1.75 -21.27	45.68 2.02 -23.21	54.64 2.73 -24.11	49.47 3.72 -8.03	115.78 3.17 -82.74	71.21 3.65 -32.18	39.90 3.50 -2.81	44.92 3.82 -3.59	45.65 3.14 -9.44	32.04 2.25 -7.77	26.90 2.44 -1.10	25.89 2.15 0.00
BETHLEHEM___GRP 23843	19.87 0.08 0.00	19.56 0.12 0.00	18.64 0.16 0.00	17.93 0.17 0.00	17.69 0.14 0.00	18.30 0.08 0.00	20.60 0.28 0.00	25.13 0.40 0.00	25.20 0.37 0.00	23.62 0.30 0.00	23.91 0.14 -1.54	31.47 -0.05 -14.63	23.97 0.01 -6.45	27.57 0.03 -7.10	35.58 0.01 -7.78	40.87 0.03 -3.14	45.16 0.18 -15.10	33.87 0.32 1.83	35.01 0.47 -0.96	39.53 0.62 -1.40	36.91 0.66 -3.17	25.37 0.31 -3.03	24.17 0.40 -0.40	23.99 0.25 0.00
BETHLEHEM___GS1 323560	19.88 0.08 0.00	19.56 0.12 0.00	18.64 0.16 0.00	17.93 0.17 0.00	17.69 0.14 0.00	18.30 0.08 0.00	20.59 0.28 0.00	25.13 0.40 0.00	25.19 0.36 0.00	23.61 0.30 0.00	23.91 0.14 -1.54	31.47 -0.05 -14.63	23.97 0.00 -6.45	27.57 0.02 -7.10	35.58 0.00 -7.78	40.88 0.03 -3.14	45.17 0.19 -15.10	33.86 0.32 1.83	35.01 0.47 -0.96	39.53 0.62 -1.40	36.91 0.67 -3.17	25.36 0.31 -3.03	24.17 0.40 -0.40	24.00 0.25 0.00
BETHLEHEM___GS2 323561	19.88 0.08 0.00	19.56 0.12 0.00	18.64 0.16 0.00	17.93 0.17 0.00	17.69 0.14 0.00	18.30 0.08 0.00	20.59 0.28 0.00	25.13 0.40 0.00	25.19 0.36 0.00	23.61 0.30 0.00	23.91 0.14 -1.54	31.47 -0.05 -14.63	23.97 0.00 -6.45	27.57 0.02 -7.10	35.58 0.00 -7.78	40.88 0.03 -3.14	45.17 0.19 -15.10	33.86 0.32 1.83	35.01 0.47 -0.96	39.53 0.62 -1.40	36.91 0.67 -3.17	25.36 0.31 -3.03	24.17 0.40 -0.40	24.00 0.25 0.00
BETHLEHEM___GS3 323562	19.88 0.08 0.00	19.56 0.12 0.00	18.64 0.16 0.00	17.93 0.17 0.00	17.69 0.14 0.00	18.30 0.08 0.00	20.59 0.28 0.00	25.13 0.40 0.00	25.19 0.36 0.00	23.61 0.30 0.00	23.91 0.14 -1.54	31.47 -0.05 -14.63	23.97 0.00 -6.45	27.57 0.02 -7.10	35.58 0.00 -7.78	40.88 0.03 -3.14	45.17 0.19 -15.10	33.86 0.32 1.83	35.01 0.47 -0.96	39.53 0.62 -1.40	36.91 0.67 -3.17	25.36 0.31 -3.03	24.17 0.40 -0.40	24.00 0.25 0.00
BETHLEHEM___STEEL 23779	20.31 0.52 0.00	19.94 0.50 0.00	18.70 0.22 0.00	17.57 -0.19 0.00	17.39 -0.16 0.00	18.33 0.11 0.00	20.26 -0.06 0.00	24.44 -0.28 0.00	25.02 0.19 0.00	23.76 0.44 0.00	22.90 0.67 0.00	17.58 0.69 0.00	18.16 0.64 0.00	21.33 0.89 0.00	29.14 1.33 0.00	39.33 1.62 0.00	32.03 2.15 0.00	37.76 2.38 0.00	35.72 2.13 0.00	38.86 1.34 0.00	32.67 -0.41 0.00	21.94 -0.07 0.00	23.45 0.08 0.00	23.97 0.23 0.00
BETHLHEM_115KV_TB1 79974	19.94 0.14 0.00	19.62 0.18 0.00	18.70 0.22 0.00	17.99 0.23 0.00	17.75 0.19 0.00	18.36 0.14 0.00	20.66 0.34 0.00	25.20 0.47 0.00	25.27 0.44 0.00	23.69 0.38 0.00	23.98 0.23 -1.53	31.50 0.02 -14.59	24.05 0.07 -6.46	27.66 0.09 -7.13	35.69 0.09 -7.79	40.98 0.14 -3.12	44.99 0.27 -14.84	33.80 0.42 2.00	35.11 0.57 -0.95	39.63 0.72 -1.40	36.98 0.74 -3.16	25.42 0.37 -3.02	24.22 0.46 -0.40	24.07 0.33 0.00
BETHPAGE_CC_5 323564	21.18 1.34 -0.04	20.58 1.14 0.00	19.49 1.02 0.00	18.71 0.94 0.00	18.45 0.90 0.00	19.26 1.04 0.00	21.87 1.56 0.00	26.62 1.90 0.00	26.80 1.97 0.00	25.26 1.94 0.00	28.30 2.02 -4.05	60.87 1.64 -42.34	38.82 1.62 -19.68	45.46 1.75 -23.27	54.52 2.47 -24.25	51.23 3.43 -10.09	115.53 2.84 -82.81	72.67 3.43 -33.86	46.62 3.37 -9.68	142.70 3.68 -101.51	156.44 3.26 -120.10	47.42 2.25 -23.16	28.61 2.50 -2.75	29.87 2.28 -3.85
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.42 0.62 0.00	20.03 0.59 0.00	18.79 0.31 0.00	17.66 -0.10 0.00	17.48 -0.07 0.00	18.42 0.20 0.00	20.38 0.06 0.00	24.60 -0.13 0.00	25.16 0.34 0.00	23.91 0.59 0.00	23.05 0.82 0.00	17.69 0.80 0.00	18.28 0.76 0.00	21.48 1.03 0.00	29.34 1.53 0.00	39.60 1.89 0.00	32.25 2.37 0.00	38.00 2.63 0.00	35.94 2.35 0.00	39.10 1.58 0.00	32.87 -0.21 0.00	22.08 0.06 0.00	23.59 0.22 0.00	24.11 0.37 0.00
BINGHAMTON___COGEN 23790	20.24 0.44 0.00	19.83 0.39 0.00	18.80 0.32 0.00	18.01 0.24 0.00	17.77 0.22 0.00	18.50 0.28 0.00	20.72 0.40 0.00	25.22 0.49 0.00	25.37 0.54 0.00	23.86 0.54 0.00	22.79 0.56 0.00	17.36 0.46 0.00	17.97 0.45 0.00	21.01 0.56 0.00	28.67 0.87 0.00	38.82 1.11 0.00	31.95 1.22 -0.85	37.49 1.40 -0.71	34.89 1.30 -0.01	38.73 1.22 0.00	33.68 0.61 0.00	22.48 0.46 0.00	23.91 0.54 0.00	24.27 0.53 0.00
BIXINCNT_115KV_LOAD 355685	20.69 0.89 0.00	20.23 0.80 0.00	19.00 0.52 0.00	17.90 0.14 0.00	17.72 0.16 0.00	18.71 0.49 0.00	20.78 0.47 0.00	25.15 0.42 0.00	25.67 0.84 0.00	24.43 1.11 0.00	23.56 1.33 0.00	18.05 1.16 0.00	18.64 1.12 0.00	21.87 1.43 0.00	29.87 2.07 0.00	40.26 2.55 0.00	32.71 2.83 0.00	38.43 3.05 0.00	36.29 2.71 0.00	39.43 1.91 0.00	33.02 -0.05 0.00	22.25 0.23 0.00	23.79 0.43 0.00	24.24 0.50 0.00

BLACK RIVER___HYD 24047	20.69 0.89 0.00	20.41 0.97 0.00	19.43 0.95 0.00	18.66 0.90 0.00	18.51 0.96 0.00	19.26 1.05 0.00	21.60 1.29 0.00	26.31 1.59 0.00	26.13 1.31 0.00	24.19 0.87 0.00	22.92 0.69 0.00	17.46 0.57 0.00	18.08 0.56 0.00	21.15 0.70 0.00	28.74 0.94 0.00	39.08 1.36 0.00	31.33 1.45 0.00	37.81 2.43 0.00	36.40 2.82 0.00	40.44 2.92 0.00	34.40 1.32 0.00	22.69 0.67 0.00	23.95 0.58 0.00	24.27 0.52 0.00
BLACKRVR_115KV_TB2 79977	20.69 0.90 0.00	20.41 0.97 0.00	19.43 0.95 0.00	18.66 0.90 0.00	18.51 0.96 0.00	19.26 1.04 0.00	21.60 1.28 0.00	26.31 1.59 0.00	26.13 1.31 0.00	24.18 0.86 0.00	22.92 0.69 0.00	17.46 0.57 0.00	18.07 0.56 0.00	21.15 0.70 0.00	28.74 0.94 0.00	39.08 1.36 0.00	31.34 1.46 0.00	37.81 2.43 0.00	36.40 2.81 0.00	40.43 2.92 0.00	34.40 1.33 0.00	22.69 0.67 0.00	23.95 0.58 0.00	24.27 0.52 0.00
BLISS_WT_PWR 323608	20.68 0.88 0.00	20.22 0.78 0.00	18.99 0.51 0.00	17.89 0.13 0.00	17.70 0.14 0.00	18.71 0.49 0.00	20.80 0.49 0.00	25.17 0.45 0.00	25.69 0.86 0.00	24.51 1.19 0.00	23.60 1.38 0.00	18.10 1.20 0.00	18.70 1.18 0.00	21.92 1.47 0.00	29.91 2.11 0.00	40.31 2.59 0.00	32.73 2.85 0.00	38.47 3.10 0.00	36.30 2.72 0.00	39.38 1.87 0.00	32.91 -0.16 0.00	22.21 0.20 0.00	23.75 0.38 0.00	24.18 0.44 0.00
BLUESTONE___WT_PWR 323821	20.88 1.08 0.00	20.43 0.99 0.00	19.32 0.84 0.00	18.51 0.75 0.00	18.28 0.72 0.00	18.98 0.77 0.00	21.41 1.10 0.00	26.05 1.32 0.00	26.17 1.34 0.00	24.57 1.25 0.00	22.87 1.39 0.75	11.26 1.12 6.76	18.71 1.20 0.00	21.83 1.38 0.00	29.64 1.84 0.00	40.10 2.39 0.00	33.11 2.25 -0.98	39.09 2.89 -0.82	36.35 2.75 -0.01	40.29 2.77 0.00	34.98 1.90 0.00	23.29 1.28 0.00	24.67 1.31 0.00	24.93 1.19 0.00
BLUE_CIRC_CHEM_DRP 24182	20.20 0.40 0.00	19.89 0.46 0.00	18.97 0.49 0.00	18.25 0.50 0.00	18.01 0.46 0.00	18.63 0.41 0.00	20.88 0.57 0.00	25.45 0.73 0.00	25.51 0.68 0.00	23.91 0.59 0.00	23.95 0.33 -1.39	-40.77 -0.15 57.51	-118.33 -0.21 135.64	28.26 -0.22 -8.03	36.13 -0.32 -8.64	40.60 -0.44 -3.33	47.21 -0.21 -17.54	34.60 -0.11 0.67	34.70 0.09 -1.03	39.17 0.17 -1.48	36.33 0.30 -2.96	25.36 0.12 -3.22	24.13 0.36 -0.40	24.29 0.55 0.00
BOC_GAS_DRP 24189	20.12 0.32 0.00	19.78 0.34 0.00	18.85 0.37 0.00	18.14 0.38 0.00	17.89 0.33 0.00	18.51 0.30 0.00	20.79 0.48 0.00	25.36 0.63 0.00	25.45 0.62 0.00	23.88 0.56 0.00	24.16 0.43 -1.51	36.67 0.18 -19.59	34.64 0.22 -16.91	27.98 0.26 -7.28	36.01 0.32 -7.88	41.21 0.43 -3.07	43.72 0.46 -13.37	33.02 0.61 2.97	35.24 0.72 -0.93	39.76 0.87 -1.37	37.06 0.86 -3.12	25.49 0.50 -2.97	24.36 0.60 -0.39	24.25 0.51 0.00
BOONVILLE_115KV_TB1 79983	20.32 0.52 0.00	19.98 0.54 0.00	19.00 0.52 0.00	18.27 0.51 0.00	18.07 0.52 0.00	18.75 0.54 0.00	20.95 0.64 0.00	25.52 0.80 0.00	25.52 0.69 0.00	23.84 0.52 0.00	22.68 0.45 0.00	17.25 0.36 0.00	17.86 0.34 0.00	20.87 0.43 0.00	28.43 0.63 0.00	38.64 0.92 0.00	30.80 0.92 0.00	36.70 1.33 0.00	34.94 1.36 0.00	38.92 1.40 0.00	33.76 0.68 0.00	22.38 0.36 0.00	23.69 0.32 0.00	24.10 0.36 0.00
BORALEX_4TH_BRANCH 23824	20.58 0.78 0.00	20.30 0.86 0.00	19.33 0.86 0.00	18.59 0.82 0.00	18.36 0.81 0.00	18.98 0.76 0.00	21.34 1.03 0.00	26.07 1.35 0.00	26.05 1.23 0.00	24.36 1.04 0.00	24.66 0.76 -1.68	33.42 0.44 -16.08	24.21 0.54 -6.15	27.42 0.61 -6.36	35.92 0.81 -7.31	42.28 1.18 -3.39	52.16 1.05 -21.24	39.03 1.51 -2.15	36.30 1.64 -1.08	41.16 2.13 -1.51	38.80 2.21 -3.52	26.53 1.24 -3.28	25.24 1.44 -0.44	24.90 1.16 0.00
BOWLINE___1 23526	20.57 0.77 0.00	20.12 0.68 0.00	19.09 0.61 0.00	18.35 0.59 0.00	18.10 0.55 0.00	18.84 0.62 0.00	21.32 1.01 0.00	26.04 1.31 0.00	26.23 1.40 0.00	24.69 1.36 0.00	18.04 1.38 5.57	-15.47 1.09 33.45	41.35 1.14 -22.69	48.50 1.35 -26.71	57.46 1.84 -27.82	49.62 2.51 -9.40	119.51 2.20 -87.42	67.58 2.58 -29.63	39.31 2.51 -3.22	44.43 2.72 -4.20	26.08 2.22 9.22	32.62 1.51 -9.10	25.07 1.64 -0.06	25.15 1.41 0.00
BOWLINE___2 23595	20.61 0.81 0.00	20.16 0.72 0.00	19.12 0.64 0.00	18.37 0.61 0.00	18.12 0.57 0.00	18.87 0.66 0.00	21.36 1.05 0.00	26.08 1.36 0.00	26.28 1.45 0.00	24.73 1.41 0.00	18.07 1.42 5.58	-15.59 1.12 33.60	41.28 1.17 -22.59	48.42 1.38 -26.59	57.49 1.90 -27.79	49.69 2.58 -9.39	119.51 2.27 -87.37	67.66 2.65 -29.63	39.38 2.58 -3.21	44.50 2.79 -4.19	26.13 2.28 9.23	32.66 1.55 -9.09	25.11 1.68 -0.06	25.20 1.46 0.00
BRADY___115KV_TB2 356060	19.77 -0.02 0.00	19.45 0.01 0.00	18.47 -0.01 0.00	17.82 0.06 0.00	17.70 0.14 0.00	18.39 0.18 0.00	20.49 0.18 0.00	24.99 0.27 0.00	25.00 0.18 0.00	23.39 0.08 0.00	22.29 0.07 0.00	16.95 0.06 0.00	17.57 0.06 0.00	20.52 0.08 0.00	27.88 0.08 0.00	37.88 0.17 0.00	29.56 -0.32 0.00	34.92 -0.45 0.00	32.73 -0.85 0.00	37.24 -0.27 0.00	33.10 0.02 0.00	22.08 0.06 0.00	23.31 -0.05 0.00	23.69 -0.05 0.00
BRANSCOMB___SOLAR 323811	20.61 0.81 0.00	20.21 0.77 0.00	19.25 0.77 0.00	18.50 0.74 0.00	18.27 0.72 0.00	18.98 0.76 0.00	21.42 1.11 0.00	26.14 1.42 0.00	26.18 1.35 0.00	24.51 1.19 0.00	24.75 0.99 -1.53	32.07 0.64 -14.54	24.31 0.68 -6.11	27.88 0.80 -6.63	36.25 1.09 -7.35	42.31 1.53 -3.07	46.80 1.51 -15.42	36.11 1.98 1.25	36.64 2.12 -0.94	41.36 2.48 -1.37	38.49 2.25 -3.16	26.30 1.32 -2.97	25.20 1.44 -0.39	24.98 1.24 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.56 1.57 -0.19	20.82 1.39 0.00	19.72 1.25 0.00	18.93 1.16 0.00	18.67 1.12 0.00	19.57 1.35 0.00	22.27 1.96 0.00	27.13 2.41 0.00	27.27 2.44 0.00	25.70 2.38 0.00	28.69 2.41 -4.05	61.13 1.90 -42.34	39.10 1.90 -19.68	45.65 1.93 -23.27	54.63 2.58 -24.25	51.45 3.65 -10.09	115.75 3.06 -82.81	73.04 3.80 -33.86	46.96 3.70 -9.68	142.93 3.90 -101.51	156.76 3.58 -120.10	45.66 2.55 -21.08	28.84 2.73 -2.75	30.16 2.57 -3.85
BRISTLHL_115KV_TB1 79998	20.29 0.50 0.00	19.90 0.46 0.00	18.86 0.39 0.00	18.06 0.30 0.00	17.86 0.30 0.00	18.55 0.34 0.00	20.67 0.35 0.00	25.12 0.39 0.00	25.16 0.33 0.00	23.60 0.28 0.00	22.54 0.31 0.00	17.21 0.31 0.00	17.82 0.30 0.00	20.71 0.26 0.00	28.16 0.35 0.00	38.20 0.49 0.00	30.57 0.69 0.00	36.39 1.01 0.00	34.68 1.09 0.00	38.44 0.92 0.00	33.45 0.37 0.00	22.31 0.29 0.00	23.73 0.36 0.00	24.17 0.43 0.00
BROOKHAVEN___DRP 24191	23.17 1.54 -1.84	20.77 1.33 0.00	19.67 1.19 0.00	18.87 1.11 0.00	18.62 1.07 0.00	19.53 1.31 0.00	22.21 1.90 0.00	27.08 2.35 0.00	27.23 2.40 0.00	25.63 2.31 0.00	28.60 2.32 -4.05	61.06 1.82 -42.34	39.01 1.82 -19.68	45.62 1.90 -23.27	54.69 2.64 -24.25	51.53 3.73 -10.09	115.73 3.04 -82.81	73.09 3.85 -33.86	47.17 3.91 -9.68	143.22 4.19 -101.51	156.95 3.77 -120.10	45.37 2.53 -20.82	28.83 2.72 -2.75	30.14 2.55 -3.85



BROOKLYN_NAVY_YARD 23515	20.96 1.17 0.00	20.49 1.05 0.00	19.41 0.94 0.00	18.65 0.89 0.00	18.40 0.85 0.00	19.17 0.96 0.00	21.73 1.42 0.00	26.60 1.87 -0.01	26.85 2.01 -0.02	25.28 1.96 -0.01	28.23 1.96 -4.04	60.94 1.54 -42.50	38.74 1.59 -19.63	45.51 1.84 -23.21	54.41 2.50 -24.11	49.15 3.41 -8.03	115.55 2.93 -82.74	70.89 3.33 -32.18	39.60 3.20 -2.81	44.58 3.48 -3.59	45.41 2.90 -9.44	31.80 2.02 -7.77	26.67 2.20 -1.10	25.67 1.92 0.00
BROOKLYN___ARMY_DRP 323595	21.00 1.21 0.00	20.55 1.12 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.03 0.00	21.82 1.52 0.00	26.65 1.93 0.00	26.88 2.05 0.00	25.31 1.99 0.00	30.73 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.89 -23.21	54.45 2.53 -24.11	49.22 3.47 -8.03	115.58 2.96 -82.74	70.98 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.89 2.10 -7.77	26.76 2.30 -1.10	25.76 2.01 0.00
BROOKVLE_69_KV_TB1 55790	21.18 1.39 0.00	20.65 1.21 0.00	19.56 1.09 0.00	18.78 1.01 0.00	18.51 0.96 0.00	19.34 1.13 0.00	21.95 1.63 0.00	26.76 2.03 0.00	26.97 2.14 0.00	25.44 2.12 0.00	28.46 2.18 -4.05	60.97 1.74 -42.34	38.93 1.74 -19.68	45.67 1.96 -23.27	54.85 2.79 -24.25	51.67 3.87 -10.09	115.95 3.26 -82.81	73.09 3.85 -33.86	46.97 3.71 -9.68	143.10 4.07 -101.51	156.62 3.45 -120.10	50.01 2.34 -25.65	28.66 2.55 -2.75	29.87 2.28 -3.85
BROOME_2_LFGE 323671	20.23 0.44 0.00	19.83 0.39 0.00	18.80 0.32 0.00	18.00 0.24 0.00	17.77 0.22 0.00	18.50 0.29 0.00	20.72 0.40 0.00	25.22 0.50 0.00	25.37 0.54 0.00	23.87 0.55 0.00	22.79 0.56 0.00	17.35 0.46 0.00	17.96 0.45 0.00	21.01 0.56 0.00	28.66 0.86 0.00	38.82 1.11 0.00	31.95 1.21 -0.85	37.49 1.40 -0.71	34.88 1.29 -0.01	38.73 1.22 0.00	33.68 0.61 0.00	22.47 0.46 0.00	23.91 0.54 0.00	24.27 0.53 0.00
BROOME___LFGE 323600	20.23 0.44 0.00	19.83 0.39 0.00	18.80 0.32 0.00	18.00 0.24 0.00	17.77 0.22 0.00	18.50 0.29 0.00	20.72 0.40 0.00	25.22 0.50 0.00	25.37 0.54 0.00	23.87 0.55 0.00	22.79 0.56 0.00	17.35 0.46 0.00	17.96 0.45 0.00	21.01 0.56 0.00	28.66 0.86 0.00	38.82 1.11 0.00	31.95 1.21 -0.85	37.49 1.40 -0.71	34.88 1.29 -0.01	38.73 1.22 0.00	33.68 0.61 0.00	22.47 0.46 0.00	23.91 0.54 0.00	24.27 0.53 0.00
BROWNFLS_115KV_TB_3_5 80003	19.99 0.19 0.00	19.69 0.25 0.00	18.73 0.25 0.00	18.05 0.29 0.00	17.92 0.36 0.00	18.63 0.41 0.00	20.81 0.50 0.00	25.37 0.65 0.00	25.35 0.52 0.00	23.66 0.34 0.00	22.50 0.27 0.00	17.11 0.22 0.00	17.72 0.20 0.00	20.70 0.26 0.00	28.14 0.34 0.00	38.25 0.54 0.00	30.19 0.31 0.00	35.83 0.45 0.00	33.70 0.12 0.00	37.96 0.44 0.00	33.10 0.03 0.00	22.03 0.02 0.00	23.31 -0.05 0.00	23.75 0.01 0.00
BROWNSV1_27_KV_LOAD 356125	21.12 1.32 0.00	20.63 1.19 0.00	19.55 1.07 0.00	18.77 1.01 0.00	18.49 0.94 0.00	19.30 1.09 0.00	21.90 1.59 0.00	26.76 2.04 0.00	27.02 2.19 0.00	25.46 2.15 0.00	28.41 2.15 -4.04	61.09 1.69 -42.50	38.90 1.75 -19.63	45.70 2.04 -23.21	54.71 2.80 -24.11	49.51 3.77 -8.03	115.85 3.24 -82.74	71.23 3.67 -32.18	39.90 3.51 -2.81	44.96 3.86 -3.59	45.71 3.20 -9.44	31.99 2.20 -7.77	26.87 2.40 -1.10	25.87 2.13 0.00
BURROWS___LYONSDAL 23803	20.30 0.50 0.00	19.98 0.54 0.00	19.00 0.53 0.00	18.28 0.52 0.00	18.09 0.54 0.00	18.79 0.57 0.00	20.99 0.68 0.00	25.57 0.84 0.00	25.56 0.73 0.00	23.85 0.53 0.00	22.67 0.45 0.00	17.24 0.35 0.00	17.85 0.34 0.00	20.86 0.41 0.00	28.40 0.60 0.00	38.61 0.90 0.00	30.78 0.90 0.00	36.71 1.33 0.00	34.94 1.35 0.00	38.92 1.41 0.00	33.64 0.56 0.00	22.28 0.26 0.00	23.58 0.21 0.00	24.04 0.30 0.00
CAITHNESS_CC_1 323624	23.17 1.53 -1.84	20.73 1.29 0.00	19.63 1.16 0.00	18.83 1.07 0.00	18.58 1.03 0.00	19.47 1.25 0.00	22.16 1.84 0.00	27.01 2.29 0.00	27.16 2.33 0.00	25.57 2.25 0.00	28.55 2.27 -4.05	61.02 1.78 -42.34	38.98 1.78 -19.68	45.57 1.85 -23.27	54.61 2.56 -24.25	51.43 3.63 -10.09	115.64 2.95 -82.81	72.98 3.75 -33.86	47.06 3.80 -9.68	143.11 4.08 -101.51	156.85 3.67 -120.10	45.30 2.46 -20.82	28.76 2.65 -2.75	30.08 2.48 -3.85
CALPINE BETH_PAGE_GT4 24209	21.11 1.31 0.00	20.58 1.14 0.00	19.49 1.02 0.00	18.71 0.94 0.00	18.45 0.90 0.00	19.27 1.06 0.00	21.86 1.55 0.00	26.61 1.89 0.00	26.79 1.97 0.00	25.26 1.94 0.00	28.29 2.01 -4.05	60.84 1.61 -42.34	38.79 1.59 -19.68	45.44 1.73 -23.27	54.52 2.46 -24.25	51.22 3.42 -10.09	115.47 2.78 -82.81	72.60 3.36 -33.86	46.55 3.29 -9.68	142.64 3.61 -101.51	156.39 3.22 -120.10	48.45 2.21 -24.22	28.55 2.44 -2.75	29.80 2.21 -3.85
CALPINE_BETH_PAGE_GT_4 323586	21.12 1.33 0.00	20.58 1.15 0.00	19.49 1.02 0.00	18.71 0.94 0.00	18.45 0.90 0.00	19.26 1.05 0.00	21.86 1.55 0.00	26.61 1.89 0.00	26.79 1.97 0.00	25.25 1.93 0.00	28.29 2.01 -4.05	60.84 1.61 -42.34	38.80 1.60 -19.68	45.45 1.73 -23.27	54.52 2.46 -24.25	51.22 3.42 -10.09	115.47 2.78 -82.81	72.60 3.37 -33.86	46.55 3.29 -9.68	142.64 3.61 -101.51	156.40 3.23 -120.10	48.45 2.21 -24.23	28.55 2.44 -2.75	29.80 2.21 -3.85
CALPINE_BP_GT1 23823	21.12 1.33 0.00	20.58 1.15 0.00	19.49 1.02 0.00	18.71 0.94 0.00	18.45 0.90 0.00	19.26 1.05 0.00	21.86 1.55 0.00	26.61 1.89 0.00	26.79 1.97 0.00	25.25 1.93 0.00	28.29 2.01 -4.05	60.84 1.61 -42.34	38.80 1.60 -19.68	45.45 1.73 -23.27	54.52 2.46 -24.25	51.22 3.42 -10.09	115.47 2.78 -82.81	72.60 3.37 -33.86	46.55 3.29 -9.68	142.64 3.61 -101.51	156.40 3.23 -120.10	48.45 2.21 -24.23	28.55 2.44 -2.75	29.80 2.21 -3.85
CALSPAN___DRP 24200	20.31 0.52 0.00	19.94 0.50 0.00	18.70 0.22 0.00	17.57 -0.19 0.00	17.39 -0.16 0.00	18.33 0.11 0.00	20.26 -0.06 0.00	24.44 -0.28 0.00	25.02 0.19 0.00	23.76 0.44 0.00	22.90 0.67 0.00	17.58 0.69 0.00	18.16 0.64 0.00	21.33 0.89 0.00	29.14 1.33 0.00	39.33 1.62 0.00	32.03 2.15 0.00	37.76 2.38 0.00	35.72 2.13 0.00	38.86 1.34 0.00	32.67 -0.41 0.00	21.94 -0.07 0.00	23.45 0.08 0.00	23.97 0.23 0.00
CALVERTON___SOLAR 323806	23.28 1.64 -1.84	20.83 1.39 0.00	19.72 1.25 0.00	18.92 1.16 0.00	18.67 1.12 0.00	19.57 1.35 0.00	22.29 1.98 0.00	27.18 2.46 0.00	27.33 2.50 0.00	25.71 2.40 0.00	28.68 2.40 -4.05	61.12 1.89 -42.34	39.08 1.89 -19.68	45.69 1.98 -23.27	54.80 2.74 -24.25	51.69 3.89 -10.09	115.84 3.15 -82.81	73.25 4.01 -33.86	47.33 4.07 -9.68	143.39 4.36 -101.51	157.10 3.92 -120.10	45.47 2.63 -20.83	28.93 2.81 -2.75	30.23 2.64 -3.85
CANDIGU_WT_PWR 323617	20.29 0.49 0.00	19.86 0.42 0.00	18.72 0.24 0.00	17.76 0.00 0.00	17.55 0.00 0.00	18.42 0.21 0.00	20.55 0.24 0.00	24.95 0.22 0.00	25.25 0.42 0.00	23.86 0.55 0.00	22.88 0.65 0.00	17.44 0.54 0.00	17.96 0.44 0.00	21.04 0.59 0.00	28.79 0.99 0.00	38.91 1.19 0.00	31.44 1.56 0.00	37.00 1.62 0.00	34.94 1.36 0.00	38.29 0.77 0.00	32.48 -0.59 0.00	21.74 -0.27 0.00	23.32 -0.05 0.00	23.81 0.07 0.00

CARR STREET_E_SYR 24060	19.89 0.09 0.00	19.51 0.07 0.00	18.51 0.03 0.00	17.73 -0.04 0.00	17.51 -0.04 0.00	18.19 -0.03 0.00	20.25 -0.06 0.00	24.60 -0.13 0.00	24.70 -0.13 0.00	23.20 -0.12 0.00	22.17 -0.06 0.00	16.91 0.02 0.00	17.49 -0.03 0.00	20.36 -0.08 0.00	27.74 -0.06 0.00	37.64 -0.08 0.00	30.05 0.17 0.00	35.66 0.28 0.00	33.91 0.32 0.00	37.62 0.11 0.00	32.83 -0.25 0.00	21.85 -0.16 0.00	23.29 -0.08 0.00	23.79 0.05 0.00
CARTHAGE___PAPER 23857	20.50 0.70 0.00	20.22 0.78 0.00	19.25 0.78 0.00	18.52 0.76 0.00	18.37 0.82 0.00	19.12 0.90 0.00	21.42 1.11 0.00	26.09 1.36 0.00	25.95 1.13 0.00	24.07 0.75 0.00	22.81 0.58 0.00	17.35 0.46 0.00	17.96 0.44 0.00	21.01 0.56 0.00	28.55 0.75 0.00	38.84 1.13 0.00	31.00 1.12 0.00	37.25 1.87 0.00	35.61 2.03 0.00	39.72 2.21 0.00	34.03 0.95 0.00	22.48 0.47 0.00	23.75 0.38 0.00	24.14 0.39 0.00
CASSADAGA_WT_PWR 323784	20.76 0.96 0.00	20.31 0.87 0.00	19.03 0.55 0.00	17.95 0.19 0.00	17.75 0.20 0.00	18.73 0.51 0.00	20.82 0.51 0.00	25.20 0.48 0.00	25.80 0.97 0.00	24.58 1.26 0.00	23.69 1.46 0.00	18.20 1.30 0.00	18.81 1.29 0.00	22.11 1.67 0.00	30.20 2.40 0.00	40.66 2.95 0.00	32.96 3.08 0.00	38.79 3.41 0.00	36.47 2.89 0.00	39.40 1.88 0.00	32.97 -0.10 0.00	22.18 0.16 0.00	23.51 0.14 0.00	23.75 0.01 0.00
CE_DUNWOOD___DRP 24194	20.76 0.96 0.00	20.30 0.86 0.00	19.25 0.77 0.00	18.50 0.74 0.00	18.24 0.69 0.00	19.01 0.79 0.00	21.53 1.21 0.00	26.28 1.56 0.00	26.49 1.66 0.00	24.94 1.62 0.00	27.98 1.61 -4.14	61.31 1.27 -43.15	38.75 1.32 -19.91	45.52 1.54 -23.53	54.36 2.10 -24.45	48.74 2.87 -8.16	115.54 2.50 -83.16	70.24 2.90 -31.96	39.25 2.81 -2.85	44.24 3.09 -3.64	45.31 2.58 -9.66	31.66 1.75 -7.90	26.39 1.90 -1.12	25.39 1.65 0.00
CE_MILLWOOD___DRP 24193	20.71 0.92 0.00	20.26 0.82 0.00	19.22 0.74 0.00	18.46 0.70 0.00	18.21 0.66 0.00	18.97 0.75 0.00	21.48 1.17 0.00	26.23 1.50 0.00	26.43 1.60 0.00	24.87 1.56 0.00	27.99 1.55 -4.22	62.04 1.22 -43.93	39.12 1.27 -20.34	45.95 1.48 -24.02	54.80 2.03 -24.97	48.83 2.77 -8.35	116.10 2.42 -83.80	69.80 2.81 -31.61	39.23 2.74 -2.91	44.24 2.99 -3.73	45.40 2.50 -9.83	31.79 1.69 -8.08	26.35 1.84 -1.14	25.34 1.60 0.00
CE_NYC2_DRP 24202	20.96 1.16 0.00	20.50 1.06 0.00	19.43 0.95 0.00	18.67 0.91 0.00	18.40 0.85 0.00	19.20 0.98 0.00	21.77 1.46 0.00	26.59 1.87 0.00	26.83 2.00 0.00	25.25 1.93 0.00	30.69 1.96 -6.51	62.32 1.52 -43.91	40.37 1.58 -21.27	45.49 1.83 -23.21	54.35 2.44 -24.11	49.04 3.29 -8.03	115.42 2.80 -82.74	70.80 3.23 -32.18	39.55 3.16 -2.81	44.51 3.41 -3.59	45.36 2.85 -9.44	31.82 2.03 -7.77	26.69 2.22 -1.10	25.69 1.94 0.00
CE_NYC_DRP 24195	20.94 1.14 0.00	20.46 1.02 0.00	19.39 0.91 0.00	18.63 0.86 0.00	18.37 0.82 0.00	19.15 0.94 0.00	21.72 1.40 0.00	26.53 1.80 0.00	26.77 1.95 0.00	25.24 1.92 0.00	28.19 1.93 -4.04	60.91 1.51 -42.50	38.72 1.57 -19.63	45.48 1.82 -23.21	54.39 2.48 -24.11	49.10 3.36 -8.03	115.51 2.90 -82.74	70.83 3.27 -32.18	39.54 3.14 -2.81	44.53 3.43 -3.59	45.36 2.85 -9.44	31.76 1.97 -7.77	26.62 2.15 -1.10	25.64 1.89 0.00
CHAFFEE___LFGE 323603	20.33 0.53 0.00	19.96 0.53 0.00	18.73 0.25 0.00	17.60 -0.16 0.00	17.42 -0.13 0.00	18.37 0.15 0.00	20.32 0.01 0.00	24.54 -0.18 0.00	25.13 0.30 0.00	23.90 0.58 0.00	22.99 0.77 0.00	17.66 0.76 0.00	18.26 0.74 0.00	21.41 0.97 0.00	29.24 1.44 0.00	39.46 1.75 0.00	32.11 2.23 0.00	37.92 2.54 0.00	35.85 2.26 0.00	39.04 1.52 0.00	32.83 -0.24 0.00	22.07 0.06 0.00	23.57 0.20 0.00	24.09 0.35 0.00
CHATEAUG_35_KV_LOAD 355732	19.30 -0.50 0.00	18.95 -0.49 0.00	18.11 -0.37 0.00	17.59 -0.17 0.00	17.50 -0.05 0.00	18.32 0.10 0.00	20.61 0.29 0.00	25.29 0.56 0.00	25.33 0.50 0.00	23.73 0.41 0.00	22.61 0.38 0.00	17.20 0.30 0.00	17.83 0.31 0.00	20.83 0.38 0.00	28.29 0.49 0.00	38.41 0.69 0.00	30.26 0.38 0.00	35.70 0.32 0.00	33.52 -0.07 0.00	37.68 0.16 0.00	33.06 -0.02 0.00	21.79 -0.22 0.00	22.86 -0.51 0.00	23.08 -0.66 0.00
CHATEAUG_WT_PWR 323614	19.28 -0.52 0.00	18.92 -0.52 0.00	18.09 -0.39 0.00	17.57 -0.19 0.00	17.48 -0.08 0.00	18.29 0.07 0.00	20.61 0.30 0.00	25.29 0.56 0.00	25.32 0.49 0.00	23.73 0.41 0.00	22.62 0.39 0.00	17.21 0.31 0.00	17.84 0.32 0.00	20.85 0.41 0.00	28.31 0.51 0.00	38.45 0.74 0.00	30.32 0.44 0.00	35.76 0.38 0.00	33.54 -0.05 0.00	37.68 0.16 0.00	33.02 -0.05 0.00	21.76 -0.26 0.00	22.83 -0.54 0.00	23.04 -0.70 0.00
CHAT_HIGH_FALL_HYD 323578	19.31 -0.49 0.00	18.95 -0.49 0.00	18.11 -0.37 0.00	17.59 -0.17 0.00	17.50 -0.05 0.00	18.31 0.10 0.00	20.61 0.29 0.00	25.29 0.56 0.00	25.33 0.50 0.00	23.73 0.41 0.00	22.61 0.38 0.00	17.20 0.30 0.00	17.83 0.31 0.00	20.83 0.38 0.00	28.29 0.49 0.00	38.41 0.69 0.00	30.26 0.38 0.00	35.70 0.32 0.00	33.52 -0.07 0.00	37.68 0.17 0.00	33.06 -0.02 0.00	21.79 -0.22 0.00	22.86 -0.51 0.00	23.08 -0.66 0.00
CHAUTAUQUA___LFGE 323629	20.45 0.66 0.00	20.05 0.61 0.00	18.79 0.31 0.00	17.70 -0.06 0.00	17.50 -0.05 0.00	18.47 0.25 0.00	20.50 0.19 0.00	24.79 0.06 0.00	25.36 0.54 0.00	24.12 0.80 0.00	23.22 1.00 0.00	17.84 0.95 0.00	18.44 0.92 0.00	21.66 1.22 0.00	29.63 1.83 0.00	39.92 2.21 0.00	32.40 2.52 0.00	38.16 2.79 0.00	35.95 2.36 0.00	39.07 1.56 0.00	32.79 -0.29 0.00	22.07 0.05 0.00	23.53 0.16 0.00	23.93 0.18 0.00
CHERRYST_13_KV_LD 356241	20.98 1.19 0.00	20.51 1.07 0.00	19.44 0.96 0.00	18.67 0.91 0.00	18.41 0.86 0.00	19.21 0.99 0.00	21.78 1.47 0.00	26.62 1.89 0.00	26.87 2.04 0.00	25.33 2.01 0.00	28.28 2.02 -4.04	60.98 1.59 -42.50	38.80 1.65 -19.63	45.58 1.91 -23.21	54.53 2.62 -24.11	49.28 3.53 -8.03	115.65 3.03 -82.74	71.00 3.43 -32.18	39.68 3.28 -2.81	44.67 3.57 -3.59	45.46 2.95 -9.44	31.82 2.03 -7.77	26.69 2.22 -1.10	25.70 1.95 0.00
CHESTROR_138KV_BK263 355645	20.58 0.78 0.00	20.13 0.69 0.00	19.10 0.62 0.00	18.35 0.59 0.00	18.09 0.54 0.00	18.84 0.63 0.00	21.30 0.99 0.00	26.00 1.28 0.00	26.19 1.36 0.00	24.63 1.31 0.00	19.21 1.29 4.30	7.57 1.00 10.32	71.49 1.05 -52.92	83.37 1.25 -61.68	94.32 1.74 -64.79	62.63 2.38 -22.54	197.66 2.11 -165.67	72.23 2.50 -34.35	43.38 2.44 -7.36	50.21 2.63 -10.07	30.12 2.13 5.08	45.28 1.43 -21.82	26.10 1.55 -1.18	25.08 1.34 0.00
CH_MIDHUDSON___DRP 24192	20.70 0.91 0.00	20.26 0.82 0.00	19.24 0.77 0.00	18.49 0.73 0.00	18.24 0.69 0.00	18.98 0.77 0.00	21.51 1.20 0.00	26.27 1.54 0.00	26.44 1.61 0.00	24.87 1.55 0.00	25.16 1.50 -1.43	38.80 1.18 -20.73	36.93 1.23 -18.17	43.58 1.46 -21.68	52.23 2.01 -22.42	47.89 2.77 -7.40	110.95 2.46 -78.61	69.91 2.94 -31.58	39.06 2.86 -2.61	44.03 3.21 -3.31	40.04 2.72 -4.25	30.97 1.79 -7.17	26.03 1.91 -0.75	25.34 1.60 0.00

CH_MISC_IPPS 23765	20.83 1.04 0.00	20.36 0.93 0.00	19.34 0.87 0.00	18.58 0.82 0.00	18.32 0.77 0.00	19.07 0.86 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.63 1.80 0.00	25.06 1.74 0.00	24.49 1.69 -0.57	32.63 1.31 -14.42	38.52 1.37 -19.63	45.35 1.62 -23.28	54.20 2.26 -24.13	48.92 3.15 -8.05	113.49 2.79 -80.82	69.14 3.34 -30.42	39.62 3.23 -2.80	44.70 3.58 -3.60	38.67 2.97 -2.63	31.77 1.96 -7.79	26.14 2.08 -0.69	25.50 1.76 0.00
CH_RES_BVR_FALLS 23983	19.55 -0.25 0.00	19.22 -0.22 0.00	18.26 -0.21 0.00	17.59 -0.17 0.00	17.41 -0.14 0.00	18.08 -0.13 0.00	20.11 -0.20 0.00	24.50 -0.22 0.00	24.60 -0.22 0.00	23.11 -0.21 0.00	22.02 -0.20 0.00	16.74 -0.16 0.00	17.34 -0.17 0.00	20.25 -0.20 0.00	27.52 -0.29 0.00	37.35 -0.37 0.00	29.38 -0.50 0.00	34.73 -0.65 0.00	32.84 -0.74 0.00	36.86 -0.66 0.00	32.66 -0.41 0.00	21.76 -0.26 0.00	23.04 -0.32 0.00	23.42 -0.32 0.00
CH_RES_NIAGARA 23895	19.54 -0.26 0.00	19.24 -0.20 0.00	18.05 -0.43 0.00	16.91 -0.85 0.00	16.73 -0.82 0.00	17.62 -0.60 0.00	19.38 -0.93 0.00	23.24 -1.49 0.00	23.81 -1.02 0.00	22.66 -0.66 0.00	21.79 -0.43 0.00	16.83 -0.07 0.00	17.41 -0.11 0.00	20.40 -0.05 0.00	27.77 -0.04 0.00	37.42 -0.29 0.00	30.37 0.49 0.00	35.94 0.57 0.00	34.10 0.52 0.00	37.03 -0.49 0.00	31.06 -2.01 0.00	20.92 -1.10 0.00	22.51 -0.86 0.00	23.12 -0.63 0.00
CH_RES_SYRACUSE 23985	20.03 0.24 0.00	19.65 0.21 0.00	18.65 0.17 0.00	17.87 0.11 0.00	17.65 0.10 0.00	18.33 0.12 0.00	20.38 0.07 0.00	24.75 0.03 0.00	24.84 0.01 0.00	23.31 -0.01 0.00	22.26 0.04 0.00	17.00 0.11 0.00	17.62 0.10 0.00	20.54 0.09 0.00	27.98 0.18 0.00	37.95 0.23 0.00	30.32 0.44 0.00	36.02 0.65 0.00	34.24 0.65 0.00	37.98 0.47 0.00	33.18 0.10 0.00	22.07 0.06 0.00	23.44 0.08 0.00	23.93 0.18 0.00
CLINTON_WT_PWR 323605	19.28 -0.52 0.00	18.92 -0.52 0.00	18.09 -0.39 0.00	17.57 -0.19 0.00	17.48 -0.08 0.00	18.29 0.07 0.00	20.61 0.30 0.00	25.29 0.56 0.00	25.32 0.49 0.00	23.73 0.41 0.00	22.62 0.39 0.00	17.21 0.31 0.00	17.84 0.32 0.00	20.85 0.41 0.00	28.31 0.51 0.00	38.45 0.74 0.00	30.32 0.44 0.00	35.76 0.38 0.00	33.54 -0.05 0.00	37.68 0.16 0.00	33.02 -0.05 0.00	21.76 -0.26 0.00	22.83 -0.54 0.00	23.04 -0.70 0.00
CLINTON__LFGE 323618	19.53 -0.27 0.00	19.13 -0.31 0.00	18.30 -0.18 0.00	17.75 -0.02 0.00	17.65 0.10 0.00	18.49 0.27 0.00	20.90 0.59 0.00	25.67 0.94 0.00	25.66 0.84 0.00	24.02 0.70 0.00	22.88 0.66 0.00	17.41 0.52 0.00	18.05 0.53 0.00	21.10 0.66 0.00	28.66 0.86 0.00	38.95 1.23 0.00	30.79 0.91 0.00	36.35 0.97 0.00	34.10 0.51 0.00	38.35 0.84 0.00	33.58 0.51 0.00	22.12 0.10 0.00	23.18 -0.19 0.00	23.34 -0.41 0.00
COBBLENY_34_KV_TB1 80064	20.35 0.55 0.00	19.97 0.53 0.00	18.73 0.26 0.00	17.60 -0.16 0.00	17.43 -0.13 0.00	18.36 0.14 0.00	20.32 0.01 0.00	24.54 -0.18 0.00	25.13 0.30 0.00	23.86 0.54 0.00	22.98 0.76 0.00	17.63 0.74 0.00	18.22 0.70 0.00	21.39 0.94 0.00	29.23 1.43 0.00	39.46 1.75 0.00	32.13 2.25 0.00	37.90 2.52 0.00	35.85 2.26 0.00	39.04 1.53 0.00	32.85 -0.23 0.00	22.06 0.05 0.00	23.56 0.19 0.00	24.09 0.35 0.00
COFFEEN__115KV_TB3 355620	20.86 1.06 0.00	20.55 1.11 0.00	19.56 1.08 0.00	18.78 1.02 0.00	18.63 1.08 0.00	19.38 1.17 0.00	21.75 1.44 0.00	26.50 1.77 0.00	26.29 1.46 0.00	24.29 0.97 0.00	23.00 0.77 0.00	17.52 0.63 0.00	18.14 0.62 0.00	21.24 0.79 0.00	28.87 1.06 0.00	39.24 1.52 0.00	31.50 1.62 0.00	38.10 2.73 0.00	36.77 3.18 0.00	40.85 3.34 0.00	34.76 1.68 0.00	22.92 0.90 0.00	24.17 0.80 0.00	24.48 0.73 0.00
COLDSPRG_115KV_BK1 355956	21.04 1.25 0.00	20.60 1.16 0.00	19.32 0.84 0.00	18.22 0.46 0.00	18.04 0.48 0.00	19.06 0.85 0.00	21.24 0.93 0.00	25.75 1.02 0.00	26.32 1.49 0.00	25.01 1.69 0.00	24.12 1.90 0.00	18.51 1.61 0.00	19.12 1.60 0.00	22.48 2.04 0.00	30.71 2.91 0.00	41.32 3.60 0.00	33.53 3.65 0.00	39.36 3.98 0.00	37.09 3.51 0.00	40.42 2.91 0.00	34.02 0.94 0.00	22.86 0.84 0.00	24.32 0.96 0.00	24.70 0.96 0.00
COLONIE_LFGE__ 323577	20.37 0.57 0.00	20.03 0.59 0.00	19.07 0.59 0.00	18.34 0.58 0.00	18.11 0.55 0.00	18.75 0.53 0.00	21.11 0.80 0.00	25.76 1.03 0.00	25.80 0.98 0.00	24.18 0.86 0.00	24.48 0.68 -1.57	32.20 0.39 -14.91	24.16 0.46 -6.18	27.64 0.54 -6.65	35.93 0.72 -7.41	41.87 1.00 -3.15	47.43 1.00 -16.55	36.02 1.33 0.69	36.01 1.45 -0.97	40.68 1.76 -1.41	38.01 1.69 -3.25	26.01 0.95 -3.05	24.86 1.08 -0.40	24.63 0.89 0.00
COOPERNY_115KV_TB1 80082	20.42 0.63 0.00	19.99 0.55 0.00	18.98 0.51 0.00	18.24 0.48 0.00	17.99 0.44 0.00	18.71 0.50 0.00	21.09 0.78 0.00	25.76 1.04 0.00	25.93 1.10 0.00	24.39 1.06 0.00	21.24 1.06 2.04	-1.59 0.82 19.31	9.64 0.84 8.72	11.56 0.99 9.87	18.68 1.36 10.48	35.64 1.86 3.93	20.14 1.66 11.40	45.93 1.96 -8.59	34.36 1.92 1.14	37.80 2.04 1.75	30.20 1.63 4.50	19.33 1.12 3.80	24.04 1.20 0.53	24.79 1.05 0.00
COPENHAGEN_WT_PWR 323753	20.54 0.74 0.00	20.29 0.85 0.00	19.34 0.86 0.00	18.57 0.81 0.00	18.43 0.88 0.00	19.18 0.96 0.00	21.48 1.17 0.00	26.16 1.44 0.00	26.01 1.18 0.00	24.10 0.78 0.00	22.86 0.63 0.00	17.42 0.53 0.00	18.02 0.50 0.00	21.08 0.63 0.00	28.65 0.84 0.00	38.93 1.22 0.00	31.21 1.33 0.00	37.62 2.24 0.00	36.17 2.59 0.00	40.14 2.62 0.00	34.08 1.01 0.00	22.45 0.44 0.00	23.71 0.34 0.00	24.01 0.26 0.00
CORNELL____ 23752	20.45 0.65 0.00	20.02 0.58 0.00	18.97 0.50 0.00	18.17 0.41 0.00	17.94 0.39 0.00	18.67 0.46 0.00	20.88 0.57 0.00	25.42 0.69 0.00	25.51 0.68 0.00	23.89 0.57 0.00	22.78 0.55 0.00	17.36 0.46 0.00	17.97 0.45 0.00	21.00 0.55 0.00	28.65 0.85 0.00	38.87 1.16 0.00	31.17 1.30 0.00	37.11 1.74 0.00	35.32 1.73 0.00	39.19 1.67 0.00	34.03 0.96 0.00	22.64 0.63 0.00	24.05 0.68 0.00	24.44 0.70 0.00
CORONAAV_69_KV_TB1 355595	21.14 1.34 0.00	20.63 1.19 0.00	19.53 1.06 0.00	18.75 0.99 0.00	18.50 0.95 0.00	19.32 1.10 0.00	21.87 1.56 0.00	26.63 1.91 0.00	26.83 2.00 0.00	25.30 1.98 0.00	28.31 2.03 -4.05	60.84 1.61 -42.34	38.78 1.58 -19.68	45.50 1.78 -23.27	54.62 2.56 -24.25	51.35 3.55 -10.09	115.69 3.01 -82.81	72.82 3.59 -33.86	46.74 3.48 -9.68	142.93 3.91 -101.51	156.47 3.30 -120.10	64.59 2.26 -40.31	28.56 2.45 -2.75	29.79 2.20 -3.85
CORTLAND_115KV_TB3 80093	20.25 0.46 0.00	19.86 0.42 0.00	18.82 0.34 0.00	18.04 0.28 0.00	17.81 0.26 0.00	18.53 0.31 0.00	20.71 0.40 0.00	25.21 0.49 0.00	25.30 0.47 0.00	23.73 0.41 0.00	22.64 0.41 0.00	17.24 0.35 0.00	17.86 0.34 0.00	20.86 0.41 0.00	28.45 0.65 0.00	38.59 0.88 0.00	30.87 1.00 0.00	36.66 1.28 0.00	34.87 1.29 0.00	38.74 1.22 0.00	33.72 0.64 0.00	22.44 0.43 0.00	23.85 0.48 0.00	24.23 0.49 0.00

COXSACKIE___GT 23611	20.73 0.93 0.00	20.42 0.98 0.00	19.45 0.97 0.00	18.71 0.95 0.00	18.47 0.92 0.00	19.12 0.91 0.00	21.65 1.34 0.00	26.44 1.72 0.00	26.41 1.58 0.00	24.47 1.15 0.00	23.91 0.64 -1.05	-60.58 0.19 77.67	-153.14 0.26 170.92	31.07 0.38 -10.24	39.20 0.58 -10.82	42.54 0.84 -3.98	58.79 1.09 -27.82	42.11 1.86 -4.87	37.13 2.26 -1.29	41.94 2.64 -1.78	37.90 2.36 -2.47	27.24 1.37 -3.86	25.22 1.44 -0.41	25.02 1.27 0.00
CPV_VALLEY___CC1 323721	20.50 0.71 0.00	20.07 0.63 0.00	19.05 0.57 0.00	18.30 0.54 0.00	18.05 0.50 0.00	18.78 0.56 0.00	21.22 0.90 0.00	25.89 1.17 0.00	26.07 1.24 0.00	24.52 1.20 0.00	19.95 1.20 3.47	-12.73 0.93 30.56	9.79 0.98 8.71	11.83 1.16 9.78	18.85 1.60 10.55	35.84 2.17 4.05	26.02 1.93 5.79	51.45 2.27 -13.80	34.67 2.22 1.13	38.10 2.39 1.81	27.99 1.94 7.02	19.41 1.31 3.92	24.10 1.42 0.69	24.97 1.23 0.00
CPV_VALLEY___CC2 323722	20.50 0.71 0.00	20.07 0.63 0.00	19.05 0.57 0.00	18.30 0.54 0.00	18.05 0.50 0.00	18.78 0.56 0.00	21.22 0.90 0.00	25.89 1.17 0.00	26.07 1.24 0.00	24.52 1.20 0.00	19.95 1.20 3.47	-12.73 0.93 30.56	9.79 0.98 8.71	11.83 1.16 9.78	18.85 1.60 10.55	35.84 2.17 4.05	26.02 1.93 5.79	51.45 2.27 -13.80	34.67 2.22 1.13	38.10 2.39 1.81	27.99 1.94 7.02	19.41 1.31 3.92	24.10 1.42 0.69	24.97 1.23 0.00
CRESCENT___HYD 24018	20.37 0.57 0.00	20.03 0.59 0.00	19.07 0.59 0.00	18.34 0.58 0.00	18.11 0.55 0.00	18.75 0.53 0.00	21.11 0.80 0.00	25.76 1.03 0.00	25.80 0.98 0.00	24.18 0.86 0.00	24.48 0.68 -1.57	32.20 0.39 -14.91	24.16 0.46 -6.18	27.64 0.54 -6.65	35.93 0.72 -7.41	41.87 1.00 -3.15	47.43 1.00 -16.55	36.02 1.33 0.69	36.01 1.45 -0.97	40.68 1.76 -1.41	38.01 1.69 -3.25	26.01 0.95 -3.05	24.86 1.08 -0.40	24.63 0.89 0.00
CRICKET___VALLEY_CC1 323756	20.44 0.64 0.00	20.02 0.58 0.00	19.03 0.55 0.00	18.29 0.53 0.00	18.05 0.50 0.00	18.77 0.56 0.00	21.23 0.92 0.00	25.90 1.18 0.00	26.04 1.21 0.00	24.48 1.15 0.00	26.10 1.09 -2.79	47.80 0.83 -30.07	23.83 0.86 -5.45	23.72 1.00 -2.27	34.88 1.38 -5.70	45.95 1.90 -6.34	105.84 1.77 -74.19	70.38 2.17 -32.84	38.02 2.14 -2.29	42.82 2.47 -2.83	42.08 2.20 -6.81	29.54 1.39 -6.13	25.69 1.50 -0.83	24.98 1.23 0.00
CRICKET___VALLEY_CC2 323757	20.44 0.64 0.00	20.02 0.58 0.00	19.03 0.55 0.00	18.29 0.53 0.00	18.05 0.50 0.00	18.77 0.56 0.00	21.23 0.92 0.00	25.90 1.18 0.00	26.04 1.21 0.00	24.48 1.15 0.00	26.10 1.09 -2.79	47.80 0.83 -30.07	23.83 0.86 -5.45	23.72 1.00 -2.27	34.88 1.38 -5.70	45.95 1.90 -6.34	105.84 1.77 -74.19	70.38 2.17 -32.84	38.02 2.14 -2.29	42.82 2.47 -2.83	42.08 2.20 -6.81	29.54 1.39 -6.13	25.69 1.50 -0.83	24.98 1.23 0.00
CRICKET___VALLEY_CC3 323758	20.44 0.64 0.00	20.02 0.58 0.00	19.03 0.55 0.00	18.29 0.53 0.00	18.05 0.50 0.00	18.77 0.56 0.00	21.23 0.92 0.00	25.90 1.18 0.00	26.04 1.21 0.00	24.48 1.15 0.00	26.10 1.09 -2.79	47.80 0.83 -30.07	23.83 0.86 -5.45	23.72 1.00 -2.27	34.88 1.38 -5.70	45.95 1.90 -6.34	105.84 1.77 -74.19	70.38 2.17 -32.84	38.02 2.14 -2.29	42.82 2.47 -2.83	42.08 2.20 -6.81	29.54 1.39 -6.13	25.69 1.50 -0.83	24.98 1.23 0.00
CRUCIBLE_METL_DRP 24180	20.04 0.24 0.00	19.65 0.21 0.00	18.65 0.17 0.00	17.87 0.11 0.00	17.65 0.10 0.00	18.33 0.11 0.00	20.38 0.07 0.00	24.75 0.03 0.00	24.84 0.01 0.00	23.30 -0.01 0.00	22.26 0.03 0.00	17.00 0.11 0.00	17.62 0.10 0.00	20.54 0.09 0.00	27.98 0.18 0.00	37.95 0.23 0.00	30.32 0.44 0.00	36.02 0.64 0.00	34.24 0.65 0.00	37.98 0.47 0.00	33.18 0.11 0.00	22.07 0.06 0.00	23.44 0.08 0.00	23.93 0.18 0.00
DAHOWA___HYDRO 323763	20.66 0.87 0.00	20.26 0.82 0.00	19.28 0.81 0.00	18.54 0.77 0.00	18.32 0.76 0.00	19.04 0.82 0.00	21.51 1.20 0.00	26.25 1.53 0.00	26.28 1.45 0.00	24.59 1.27 0.00	24.79 1.05 -1.52	32.04 0.68 -14.47	24.33 0.71 -6.11	27.92 0.84 -6.64	36.30 1.16 -7.34	42.39 1.62 -3.05	46.69 1.62 -15.19	36.15 2.14 1.37	36.81 2.29 -0.94	41.57 2.69 -1.36	38.65 2.43 -3.15	26.39 1.42 -2.95	25.31 1.56 -0.39	25.08 1.34 0.00
DANC___LFGE 323619	20.37 0.57 0.00	20.07 0.62 0.00	19.08 0.60 0.00	18.31 0.55 0.00	18.14 0.59 0.00	18.86 0.64 0.00	21.07 0.76 0.00	25.65 0.93 0.00	25.57 0.74 0.00	23.79 0.47 0.00	22.63 0.41 0.00	17.27 0.37 0.00	17.87 0.35 0.00	20.85 0.40 0.00	28.33 0.53 0.00	38.46 0.75 0.00	30.80 0.92 0.00	36.97 1.59 0.00	35.44 1.85 0.00	39.32 1.81 0.00	33.71 0.63 0.00	22.33 0.32 0.00	23.66 0.29 0.00	24.02 0.28 0.00
DANSKAMMER___1 23586	20.83 1.04 0.00	20.36 0.93 0.00	19.34 0.87 0.00	18.58 0.82 0.00	18.32 0.77 0.00	19.07 0.86 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.63 1.80 0.00	25.06 1.74 0.00	24.49 1.69 -0.57	32.63 1.31 -14.42	38.52 1.37 -19.63	45.35 1.62 -23.28	54.20 2.26 -24.13	48.92 3.15 -8.05	113.49 2.79 -80.82	69.14 3.34 -30.42	39.62 3.23 -2.80	44.70 3.58 -3.60	38.67 2.97 -2.63	31.77 1.96 -7.79	26.14 2.08 -0.69	25.50 1.76 0.00
DANSKAMMER___2 23589	20.83 1.04 0.00	20.36 0.93 0.00	19.34 0.87 0.00	18.58 0.82 0.00	18.32 0.77 0.00	19.07 0.86 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.63 1.80 0.00	25.06 1.74 0.00	24.49 1.69 -0.57	32.63 1.31 -14.42	38.52 1.37 -19.63	45.35 1.62 -23.28	54.20 2.26 -24.13	48.92 3.15 -8.05	113.49 2.79 -80.82	69.14 3.34 -30.42	39.62 3.23 -2.80	44.70 3.58 -3.60	38.67 2.97 -2.63	31.77 1.96 -7.79	26.14 2.08 -0.69	25.50 1.76 0.00
DANSKAMMER___3 23590	20.83 1.04 0.00	20.36 0.93 0.00	19.34 0.87 0.00	18.58 0.82 0.00	18.32 0.77 0.00	19.07 0.86 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.63 1.80 0.00	25.06 1.74 0.00	24.49 1.69 -0.57	32.63 1.31 -14.42	38.52 1.37 -19.63	45.35 1.62 -23.28	54.20 2.26 -24.13	48.92 3.15 -8.05	113.49 2.79 -80.82	69.14 3.34 -30.42	39.62 3.23 -2.80	44.70 3.58 -3.60	38.67 2.97 -2.63	31.77 1.96 -7.79	26.14 2.08 -0.69	25.50 1.76 0.00
DANSKAMMER___4 23591	20.83 1.04 0.00	20.36 0.93 0.00	19.34 0.87 0.00	18.58 0.82 0.00	18.32 0.77 0.00	19.07 0.86 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.63 1.80 0.00	25.06 1.74 0.00	24.49 1.69 -0.57	32.63 1.31 -14.42	38.52 1.37 -19.63	45.35 1.62 -23.28	54.20 2.26 -24.13	48.92 3.15 -8.05	113.49 2.79 -80.82	69.14 3.34 -30.42	39.62 3.23 -2.80	44.70 3.58 -3.60	38.67 2.97 -2.63	31.77 1.96 -7.79	26.14 2.08 -0.69	25.50 1.76 0.00
DANSKAMMER___DIESEL 23592	20.83 1.03 0.00	20.36 0.93 0.00	19.34 0.87 0.00	18.58 0.82 0.00	18.32 0.77 0.00	19.08 0.86 0.00	21.66 1.35 0.00	26.45 1.73 0.00	26.63 1.80 0.00	25.06 1.75 0.00	24.49 1.69 -0.57	32.63 1.31 -14.42	38.52 1.37 -19.63	45.35 1.62 -23.28	54.20 2.27 -24.13	48.92 3.15 -8.05	113.49 2.79 -80.82	69.14 3.33 -30.42	39.62 3.23 -2.80	44.70 3.58 -3.60	38.68 2.97 -2.63	31.77 1.96 -7.79	26.14 2.09 -0.69	25.50 1.76 0.00

DARBY___SOLAR 323810	20.61 0.81 0.00	20.21 0.77 0.00	19.24 0.76 0.00	18.49 0.73 0.00	18.27 0.72 0.00	18.97 0.76 0.00	21.43 1.12 0.00	26.14 1.42 0.00	26.18 1.35 0.00	24.51 1.19 0.00	24.75 0.99 -1.53	32.07 0.64 -14.53	24.31 0.68 -6.11	27.88 0.80 -6.64	36.24 1.09 -7.35	42.29 1.51 -3.07	46.80 1.51 -15.41	36.11 1.99 1.25	36.64 2.12 -0.94	41.37 2.49 -1.37	38.49 2.25 -3.16	26.30 1.32 -2.97	25.21 1.45 -0.39	24.98 1.24 0.00
DASHVILLE___HYD 23610	20.56 0.76 0.00	20.11 0.68 0.00	19.14 0.66 0.00	18.41 0.65 0.00	18.13 0.58 0.00	18.87 0.65 0.00	21.76 1.45 0.00	26.61 1.89 0.00	26.83 2.00 0.00	25.24 1.92 0.00	24.10 1.88 0.00	-5.08 1.55 23.53	-25.84 1.64 45.00	39.18 1.96 -16.77	47.80 2.76 -17.24	47.40 3.84 -5.84	89.48 3.42 -56.19	59.51 4.12 -20.01	39.56 3.96 -2.01	45.09 4.97 -2.61	37.85 4.01 -0.76	30.34 2.66 -5.66	26.52 2.72 -0.43	25.43 1.69 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.56 1.93 -1.84	21.13 1.69 0.00	20.02 1.54 0.00	19.20 1.44 0.00	18.95 1.40 0.00	19.96 1.74 0.00	22.80 2.48 0.00	27.81 3.09 0.00	27.99 3.16 0.00	26.35 3.04 0.00	29.30 3.02 -4.05	61.61 2.38 -42.34	39.58 2.38 -19.68	46.28 2.56 -23.27	55.60 3.55 -24.25	52.77 4.97 -10.09	116.74 4.05 -82.81	74.31 5.07 -33.86	48.32 5.05 -9.68	144.44 5.41 -101.51	157.97 4.79 -120.10	46.03 3.18 -20.83	29.52 3.41 -2.75	30.81 3.22 -3.85
DELAWARE___LFGE 323621	20.37 0.58 0.00	19.97 0.54 0.00	19.02 0.54 0.00	18.28 0.52 0.00	18.01 0.45 0.00	18.67 0.45 0.00	20.98 0.67 0.00	25.55 0.83 0.00	25.69 0.86 0.00	24.15 0.83 0.00	22.62 0.80 0.41	13.83 0.60 3.66	18.29 0.64 -0.13	21.41 0.76 -0.21	29.00 1.03 -0.17	39.09 1.38 0.00	32.44 1.28 -1.29	37.99 1.53 -1.08	35.11 1.52 -0.01	39.11 1.60 0.00	33.86 1.27 0.48	22.86 0.85 0.00	24.25 0.91 0.04	24.56 0.81 0.00
DERFIELD_115KV_TB7 355931	19.87 0.08 0.00	19.51 0.07 0.00	18.55 0.08 0.00	17.84 0.08 0.00	17.61 0.05 0.00	18.27 0.05 0.00	20.39 0.08 0.00	24.82 0.10 0.00	24.92 0.09 0.00	23.39 0.07 0.00	22.28 0.05 0.00	16.92 0.03 0.00	17.55 0.03 0.00	20.49 0.04 0.00	27.86 0.05 0.00	37.79 0.08 0.00	30.01 0.13 0.00	35.58 0.21 0.00	33.83 0.25 0.00	37.74 0.22 0.00	33.19 0.11 0.00	22.09 0.08 0.00	23.45 0.08 0.00	23.80 0.06 0.00
DOGLEVILLE___HYD 23807	20.10 0.30 0.00	19.75 0.31 0.00	18.82 0.34 0.00	18.09 0.33 0.00	17.86 0.31 0.00	18.48 0.26 0.00	20.70 0.39 0.00	25.35 0.63 0.00	25.31 0.49 0.00	23.54 0.22 0.00	22.19 -0.03 0.00	16.67 -0.22 0.00	17.26 -0.26 0.00	20.13 -0.31 0.00	27.44 -0.37 0.00	37.26 -0.45 0.00	29.75 -0.13 0.00	35.80 0.43 0.00	34.21 0.62 0.00	38.35 0.84 0.00	34.01 0.93 0.00	22.64 0.63 0.00	24.00 0.63 0.00	24.15 0.40 0.00
DUNKIRK___115KV_TB_200 55889	20.42 0.62 0.00	20.01 0.57 0.00	18.75 0.28 0.00	17.66 -0.11 0.00	17.47 -0.08 0.00	18.42 0.21 0.00	20.46 0.15 0.00	24.73 0.01 0.00	25.29 0.47 0.00	24.01 0.69 0.00	23.15 0.92 0.00	17.78 0.89 0.00	18.37 0.85 0.00	21.58 1.13 0.00	29.55 1.74 0.00	39.81 2.10 0.00	32.35 2.47 0.00	38.05 2.68 0.00	35.88 2.29 0.00	39.02 1.50 0.00	32.77 -0.31 0.00	22.04 0.03 0.00	23.52 0.15 0.00	23.95 0.20 0.00
DUNKIRK___1 23563	20.42 0.62 0.00	20.01 0.57 0.00	18.75 0.28 0.00	17.66 -0.11 0.00	17.47 -0.08 0.00	18.42 0.21 0.00	20.46 0.15 0.00	24.73 0.01 0.00	25.29 0.47 0.00	24.01 0.69 0.00	23.15 0.92 0.00	17.78 0.89 0.00	18.37 0.85 0.00	21.58 1.13 0.00	29.55 1.74 0.00	39.81 2.10 0.00	32.35 2.47 0.00	38.05 2.68 0.00	35.88 2.29 0.00	39.02 1.50 0.00	32.77 -0.31 0.00	22.04 0.03 0.00	23.52 0.15 0.00	23.95 0.20 0.00
DUNKIRK___2 23564	20.42 0.62 0.00	20.01 0.57 0.00	18.75 0.28 0.00	17.66 -0.11 0.00	17.47 -0.08 0.00	18.42 0.21 0.00	20.46 0.15 0.00	24.73 0.01 0.00	25.29 0.47 0.00	24.01 0.69 0.00	23.15 0.92 0.00	17.78 0.89 0.00	18.37 0.85 0.00	21.58 1.13 0.00	29.55 1.74 0.00	39.81 2.10 0.00	32.35 2.47 0.00	38.05 2.68 0.00	35.88 2.29 0.00	39.02 1.50 0.00	32.77 -0.31 0.00	22.04 0.03 0.00	23.52 0.15 0.00	23.95 0.20 0.00
DUNKIRK___3 23565	20.33 0.53 0.00	19.92 0.49 0.00	18.69 0.21 0.00	17.60 -0.16 0.00	17.41 -0.14 0.00	18.37 0.16 0.00	20.41 0.10 0.00	24.68 -0.04 0.00	25.22 0.39 0.00	23.93 0.61 0.00	23.06 0.83 0.00	17.71 0.81 0.00	18.28 0.76 0.00	21.48 1.03 0.00	29.40 1.59 0.00	39.60 1.89 0.00	32.18 2.30 0.00	37.83 2.45 0.00	35.66 2.08 0.00	38.88 1.36 0.00	32.71 -0.37 0.00	22.02 0.00 0.00	23.52 0.15 0.00	23.98 0.23 0.00
DUNKIRK___4 23566	20.39 0.59 0.00	19.99 0.55 0.00	18.74 0.27 0.00	17.63 -0.12 0.00	17.45 -0.10 0.00	18.40 0.18 0.00	20.41 0.10 0.00	24.67 -0.06 0.00	25.23 0.40 0.00	23.95 0.63 0.00	23.09 0.86 0.00	17.73 0.83 0.00	18.32 0.80 0.00	21.52 1.07 0.00	29.43 1.63 0.00	39.66 1.95 0.00	32.25 2.37 0.00	37.96 2.59 0.00	35.83 2.24 0.00	38.97 1.46 0.00	32.76 -0.32 0.00	22.02 0.00 0.00	23.51 0.14 0.00	23.97 0.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.81 1.01 0.00	20.34 0.91 0.00	19.29 0.81 0.00	18.53 0.77 0.00	18.27 0.72 0.00	19.04 0.83 0.00	21.58 1.27 0.00	26.35 1.63 0.00	26.56 1.74 0.00	25.02 1.70 0.00	27.96 1.70 -4.04	60.42 1.33 -42.19	38.53 1.38 -19.64	45.27 1.60 -23.22	54.11 2.19 -24.12	48.73 2.98 -8.03	115.21 2.58 -82.75	70.54 2.99 -32.18	39.29 2.89 -2.81	44.28 3.18 -3.59	45.17 2.65 -9.44	31.60 1.81 -7.77	26.44 1.98 -1.10	25.47 1.72 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.68 0.89 0.00	20.23 0.78 0.00	19.20 0.72 0.00	18.44 0.68 0.00	18.18 0.63 0.00	18.94 0.72 0.00	21.49 1.18 0.00	26.24 1.51 0.00	26.43 1.60 0.00	24.86 1.54 0.00	22.30 1.51 1.44	13.41 1.17 4.66	33.01 1.22 -14.27	48.53 1.46 -26.63	57.53 2.03 -27.70	49.90 2.81 -9.38	117.79 2.49 -85.42	66.47 2.98 -28.12	39.68 2.90 -3.20	44.92 3.22 -4.19	34.50 2.63 1.20	32.84 1.75 -9.08	25.77 1.86 -0.54	25.28 1.54 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.85 1.06 0.00	20.43 0.99 0.00	19.36 0.89 0.00	18.62 0.86 0.00	18.36 0.81 0.00	19.13 0.92 0.00	21.67 1.36 0.00	26.46 1.74 0.00	26.70 1.87 0.00	25.10 1.78 0.00	28.07 1.82 -4.03	60.80 1.40 -42.50	38.62 1.47 -19.63	45.37 1.70 -23.21	54.23 2.32 -24.11	48.89 3.15 -8.03	115.33 2.72 -82.74	70.75 3.19 -32.18	39.50 3.10 -2.81	44.46 3.36 -3.59	45.32 2.81 -9.44	31.76 1.97 -7.77	26.56 2.10 -1.10	25.56 1.82 0.00
E179THST_13_KV_LOAD 356214	20.95 1.16 0.00	20.52 1.09 0.00	19.45 0.97 0.00	18.70 0.94 0.00	18.43 0.88 0.00	19.22 1.00 0.00	21.76 1.45 0.00	26.59 1.86 0.00	26.83 2.00 0.00	25.22 1.90 0.00	28.20 1.94 -4.03	60.90 1.50 -42.50	38.72 1.58 -19.63	45.50 1.83 -23.21	54.41 2.50 -24.11	49.12 3.38 -8.03	115.53 2.91 -82.74	70.98 3.42 -32.18	39.71 3.32 -2.81	44.70 3.60 -3.59	45.51 2.99 -9.44	31.87 2.09 -7.77	26.68 2.22 -1.10	25.68 1.94 0.00

EAST HAMPTON___GT 23717	23.84 2.21 -1.84	21.34 1.90 0.00	20.21 1.73 0.00	19.38 1.62 0.00	19.14 1.59 0.00	20.14 1.93 0.00	23.10 2.78 0.00	28.19 3.47 0.00	28.38 3.55 0.00	26.72 3.40 0.00	29.65 3.38 -4.05	61.89 2.66 -42.34	39.88 2.68 -19.68	46.62 2.91 -23.27	56.05 4.00 -24.25	53.40 5.60 -10.09	117.24 4.56 -82.81	74.95 5.72 -33.86	48.93 5.67 -9.68	145.10 6.07 -101.51	158.50 5.31 -120.10	46.38 3.53 -20.83	29.89 3.78 -2.75	31.16 3.57 -3.85
EAST RIVER___6 23660	20.95 1.16 0.00	20.47 1.03 0.00	19.40 0.92 0.00	18.63 0.87 0.00	18.37 0.82 0.00	19.17 0.96 0.00	21.75 1.44 0.00	26.59 1.87 0.00	26.85 2.02 0.00	25.30 1.98 0.00	28.27 2.00 -4.04	60.97 1.58 -42.50	38.80 1.65 -19.63	45.57 1.90 -23.21	54.51 2.60 -24.11	49.27 3.52 -8.03	115.64 3.02 -82.74	70.98 3.42 -32.18	39.65 3.25 -2.81	44.67 3.56 -3.59	45.46 2.94 -9.44	31.81 2.02 -7.77	26.67 2.20 -1.10	25.68 1.93 0.00
EAST RIVER___7 23524	20.95 1.16 0.00	20.47 1.03 0.00	19.40 0.92 0.00	18.63 0.87 0.00	18.37 0.82 0.00	19.17 0.96 0.00	21.75 1.44 0.00	26.59 1.87 0.00	26.85 2.02 0.00	25.30 1.98 0.00	28.27 2.00 -4.04	60.97 1.58 -42.50	38.80 1.65 -19.63	45.57 1.90 -23.21	54.51 2.60 -24.11	49.27 3.52 -8.03	115.64 3.02 -82.74	70.98 3.42 -32.18	39.65 3.25 -2.81	44.67 3.56 -3.59	45.46 2.94 -9.44	31.81 2.02 -7.77	26.67 2.20 -1.10	25.68 1.93 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.76 0.96 0.00	20.30 0.86 0.00	19.25 0.77 0.00	18.50 0.74 0.00	18.24 0.69 0.00	19.01 0.79 0.00	21.53 1.21 0.00	26.28 1.56 0.00	26.49 1.66 0.00	24.94 1.62 0.00	27.98 1.61 -4.14	61.31 1.27 -43.15	38.75 1.32 -19.91	45.52 1.54 -23.53	54.36 2.10 -24.45	48.74 2.87 -8.16	115.54 2.50 -83.16	70.24 2.90 -31.96	39.25 2.81 -2.85	44.24 3.09 -3.64	45.31 2.58 -9.66	31.66 1.75 -7.90	26.39 1.90 -1.12	25.39 1.65 0.00
EAST_HAMPTON___DIESEL 23722	23.85 2.22 -1.84	21.34 1.90 0.00	20.21 1.73 0.00	19.38 1.62 0.00	19.14 1.59 0.00	20.14 1.93 0.00	23.11 2.79 0.00	28.20 3.48 0.00	28.39 3.57 0.00	26.72 3.41 0.00	29.67 3.39 -4.05	61.89 2.66 -42.34	39.88 2.69 -19.68	46.62 2.91 -23.27	56.06 4.01 -24.25	53.41 5.61 -10.09	117.24 4.56 -82.81	74.96 5.73 -33.86	48.94 5.68 -9.68	145.11 6.08 -101.51	158.50 5.32 -120.10	46.38 3.53 -20.83	29.90 3.78 -2.75	31.17 3.58 -3.85
EAST_PULASKI___ESR 323781	20.33 0.53 0.00	19.96 0.52 0.00	18.95 0.47 0.00	18.16 0.40 0.00	17.96 0.41 0.00	18.66 0.45 0.00	20.82 0.50 0.00	25.32 0.59 0.00	25.31 0.48 0.00	23.63 0.31 0.00	22.54 0.31 0.00	17.21 0.31 0.00	17.81 0.29 0.00	20.71 0.26 0.00	28.13 0.33 0.00	38.15 0.43 0.00	30.53 0.65 0.00	36.48 1.11 0.00	34.90 1.31 0.00	38.72 1.20 0.00	33.51 0.43 0.00	22.34 0.32 0.00	23.72 0.35 0.00	24.15 0.40 0.00
EAST_RIVER___1 323558	20.94 1.14 0.00	20.46 1.02 0.00	19.39 0.91 0.00	18.63 0.87 0.00	18.37 0.82 0.00	19.15 0.94 0.00	21.72 1.41 0.00	26.53 1.80 0.00	26.77 1.95 0.00	25.23 1.91 0.00	28.19 1.93 -4.04	60.90 1.51 -42.50	38.72 1.57 -19.63	45.48 1.82 -23.21	54.39 2.48 -24.11	49.10 3.35 -8.03	115.52 2.90 -82.74	70.83 3.27 -32.18	39.54 3.14 -2.81	44.53 3.43 -3.59	45.37 2.85 -9.44	31.76 1.97 -7.77	26.62 2.16 -1.10	25.64 1.89 0.00
EAST_RIVER___2 323559	20.95 1.16 0.00	20.47 1.03 0.00	19.40 0.92 0.00	18.63 0.87 0.00	18.37 0.82 0.00	19.17 0.96 0.00	21.75 1.44 0.00	26.59 1.87 0.00	26.85 2.02 0.00	25.30 1.98 0.00	28.27 2.00 -4.04	60.97 1.58 -42.50	38.80 1.65 -19.63	45.57 1.90 -23.21	54.51 2.60 -24.11	49.27 3.52 -8.03	115.64 3.02 -82.74	70.98 3.42 -32.18	39.65 3.25 -2.81	44.67 3.56 -3.59	45.46 2.94 -9.44	31.81 2.02 -7.77	26.67 2.20 -1.10	25.68 1.93 0.00
EAST___DELAWARE_HYD 23607	20.59 0.79 0.00	20.12 0.69 0.00	19.09 0.61 0.00	18.37 0.61 0.00	18.12 0.57 0.00	18.87 0.66 0.00	21.54 1.23 0.00	26.41 1.69 0.00	26.64 1.82 0.00	25.00 1.68 0.00	22.86 1.59 0.96	1.52 1.26 16.64	-0.66 1.31 19.48	29.67 1.55 -7.67	36.77 2.03 -6.94	42.77 2.88 -2.18	64.58 2.61 -32.09	55.38 3.23 -16.77	37.62 3.19 -0.84	42.15 3.66 -0.97	34.39 2.92 1.61	26.06 1.94 -2.11	25.42 2.00 -0.05	25.27 1.53 0.00
EIGHT_POINT___WT_PWR 323820	20.59 0.79 0.00	20.17 0.73 0.00	18.97 0.50 0.00	17.98 0.22 0.00	17.78 0.23 0.00	18.68 0.47 0.00	20.83 0.52 0.00	25.31 0.58 0.00	25.57 0.74 0.00	24.10 0.78 0.00	23.08 0.85 0.00	17.59 0.69 0.00	18.10 0.58 0.00	21.21 0.76 0.00	29.00 1.19 0.00	39.20 1.49 0.00	31.73 1.85 0.00	37.37 1.99 0.00	35.37 1.78 0.00	38.71 1.19 0.00	32.66 -0.41 0.00	21.76 -0.25 0.00	23.46 0.09 0.00	24.06 0.32 0.00
ELBRIDGE_115KV_TB2 80188	19.80 0.00 0.00	19.40 -0.04 0.00	18.42 -0.05 0.00	17.67 -0.09 0.00	17.44 -0.11 0.00	18.12 -0.10 0.00	20.15 -0.16 0.00	24.45 -0.28 0.00	24.56 -0.27 0.00	23.03 -0.30 0.00	21.99 -0.24 0.00	16.80 -0.09 0.00	17.43 -0.09 0.00	20.33 -0.11 0.00	27.68 -0.12 0.00	37.52 -0.19 0.00	29.95 0.07 0.00	35.59 0.21 0.00	33.78 0.20 0.00	37.49 -0.02 0.00	32.75 -0.33 0.00	21.80 -0.22 0.00	23.17 -0.20 0.00	23.69 -0.05 0.00
ELEC_TRO_TEK 24086	21.02 1.23 0.00	20.52 1.08 0.00	19.43 0.95 0.00	18.65 0.89 0.00	18.40 0.85 0.00	19.23 1.01 0.00	21.80 1.49 0.00	26.57 1.85 0.00	26.77 1.95 0.00	25.23 1.91 0.00	28.24 1.96 -4.05	60.78 1.55 -42.34	38.73 1.53 -19.68	45.42 1.71 -23.27	54.47 2.42 -24.25	51.16 3.36 -10.09	115.52 2.83 -82.81	72.61 3.37 -33.86	46.55 3.29 -9.68	142.66 3.63 -101.51	156.28 3.11 -120.10	53.37 2.12 -29.23	28.45 2.33 -2.75	29.69 2.10 -3.85
ELLENBURG_WT_PWR 323604	19.28 -0.52 0.00	18.92 -0.52 0.00	18.09 -0.39 0.00	17.57 -0.19 0.00	17.48 -0.08 0.00	18.29 0.07 0.00	20.61 0.30 0.00	25.29 0.56 0.00	25.32 0.49 0.00	23.73 0.41 0.00	22.62 0.39 0.00	17.21 0.31 0.00	17.84 0.32 0.00	20.85 0.41 0.00	28.31 0.51 0.00	38.45 0.74 0.00	30.32 0.44 0.00	35.76 0.38 0.00	33.54 -0.05 0.00	37.68 0.16 0.00	33.02 -0.05 0.00	21.76 -0.26 0.00	22.83 -0.54 0.00	23.04 -0.70 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.13 0.33 0.00	19.77 0.33 0.00	18.55 0.07 0.00	17.42 -0.34 0.00	17.24 -0.32 0.00	18.16 -0.06 0.00	20.06 -0.25 0.00	24.18 -0.54 0.00	24.75 -0.07 0.00	23.51 0.19 0.00	22.66 0.43 0.00	17.41 0.51 0.00	17.98 0.46 0.00	21.11 0.66 0.00	28.80 1.00 0.00	38.89 1.17 0.00	31.65 1.77 0.00	37.35 1.97 0.00	35.35 1.77 0.00	38.45 0.94 0.00	32.32 -0.75 0.00	21.71 -0.30 0.00	23.23 -0.13 0.00	23.78 0.04 0.00
EMPIRE_CC_1 323656	20.03 0.23 0.00	19.79 0.35 0.00	18.84 0.37 0.00	18.13 0.37 0.00	17.89 0.34 0.00	18.47 0.25 0.00	20.77 0.46 0.00	25.33 0.60 0.00	25.38 0.55 0.00	23.79 0.47 0.00	24.34 0.31 -1.80	33.39 0.10 -16.39	24.04 0.18 -6.35	27.31 0.19 -6.67	35.60 0.22 -7.58	41.43 0.32 -3.40	49.67 0.43 -19.36	36.51 0.62 -0.52	35.41 0.76 -1.06	40.05 1.01 -1.52	37.67 1.04 -3.55	25.85 0.54 -3.29	24.49 0.68 -0.44	24.22 0.48 0.00

EMPIRE_CC_2 323658	20.03 0.23 0.00	19.79 0.35 0.00	18.84 0.37 0.00	18.13 0.37 0.00	17.89 0.34 0.00	18.47 0.25 0.00	20.77 0.46 0.00	25.33 0.60 0.00	25.38 0.55 0.00	23.79 0.47 0.00	24.34 0.31 -1.80	33.39 0.10 -16.39	24.04 0.18 -6.35	27.31 0.19 -6.67	35.60 0.22 -7.58	41.43 0.32 -3.40	49.67 0.43 -19.36	36.51 0.62 -0.52	35.41 0.76 -1.06	40.05 1.01 -1.52	37.67 1.04 -3.55	25.85 0.54 -3.29	24.49 0.68 -0.44	24.22 0.48 0.00
ENORWICH_115KV_TB1 80156	21.28 1.49 0.00	20.81 1.37 0.00	19.69 1.22 0.00	18.85 1.09 0.00	18.66 1.11 0.00	19.40 1.19 0.00	21.81 1.50 0.00	26.62 1.89 0.00	26.67 1.84 0.00	24.94 1.62 0.00	23.37 1.58 0.44	14.23 1.27 3.94	18.83 1.31 0.00	21.97 1.53 0.00	29.96 2.16 0.00	40.64 2.93 0.00	33.39 2.66 -0.85	39.69 3.60 -0.71	37.06 3.47 -0.01	41.02 3.50 0.00	35.42 2.34 0.00	23.54 1.52 0.00	24.91 1.55 0.00	25.18 1.44 0.00
ERIE_ST__34_KV_TB1-2 80199	20.62 0.82 0.00	20.22 0.78 0.00	18.97 0.50 0.00	17.84 0.07 0.00	17.66 0.10 0.00	18.63 0.41 0.00	20.60 0.29 0.00	24.90 0.18 0.00	25.49 0.66 0.00	24.20 0.88 0.00	23.33 1.11 0.00	17.91 1.02 0.00	18.52 0.99 0.00	21.75 1.31 0.00	29.72 1.92 0.00	40.15 2.44 0.00	32.70 2.82 0.00	38.50 3.13 0.00	36.41 2.83 0.00	39.65 2.13 0.00	33.38 0.30 0.00	22.42 0.40 0.00	23.94 0.57 0.00	24.44 0.70 0.00
ERIE_WT_PWR 323693	20.31 0.51 0.00	19.95 0.51 0.00	18.72 0.24 0.00	17.59 -0.17 0.00	17.40 -0.15 0.00	18.35 0.13 0.00	20.28 -0.03 0.00	24.47 -0.26 0.00	25.04 0.22 0.00	23.83 0.50 0.00	22.93 0.70 0.00	17.62 0.73 0.00	18.22 0.70 0.00	21.38 0.93 0.00	29.18 1.38 0.00	39.35 1.64 0.00	32.02 2.14 0.00	37.80 2.42 0.00	35.74 2.16 0.00	38.90 1.39 0.00	32.68 -0.40 0.00	21.98 -0.04 0.00	23.45 0.09 0.00	23.97 0.23 0.00
ESPRGFLD_115KV_TB1 80157	20.66 0.86 0.00	20.25 0.81 0.00	19.26 0.78 0.00	18.49 0.73 0.00	18.23 0.67 0.00	18.92 0.70 0.00	21.31 1.00 0.00	25.96 1.24 0.00	26.08 1.25 0.00	24.52 1.20 0.00	22.98 1.16 0.41	14.12 0.87 3.64	18.59 0.94 -0.13	21.76 1.11 -0.21	29.49 1.51 -0.17	39.77 2.05 0.00	33.02 1.84 -1.30	38.74 2.27 -1.09	35.82 2.22 -0.01	39.86 2.34 0.00	34.32 1.82 0.58	23.19 1.18 0.00	24.55 1.22 0.04	24.84 1.10 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.40 0.61 0.00	19.98 0.55 0.00	18.95 0.47 0.00	18.15 0.39 0.00	17.92 0.36 0.00	18.65 0.43 0.00	20.85 0.53 0.00	25.37 0.64 0.00	25.47 0.64 0.00	23.85 0.53 0.00	22.74 0.51 0.00	17.33 0.43 0.00	17.95 0.43 0.00	20.96 0.51 0.00	28.61 0.80 0.00	38.79 1.08 0.00	31.10 1.22 0.00	37.02 1.64 0.00	35.22 1.63 0.00	39.09 1.57 0.00	33.97 0.89 0.00	22.61 0.59 0.00	24.00 0.64 0.00	24.40 0.66 0.00
ETNA_____115KV_TB2 80207	20.40 0.61 0.00	19.98 0.55 0.00	18.95 0.47 0.00	18.15 0.39 0.00	17.92 0.36 0.00	18.65 0.43 0.00	20.85 0.53 0.00	25.37 0.64 0.00	25.47 0.64 0.00	23.85 0.53 0.00	22.74 0.51 0.00	17.33 0.43 0.00	17.95 0.43 0.00	20.96 0.51 0.00	28.61 0.80 0.00	38.79 1.08 0.00	31.10 1.22 0.00	37.02 1.64 0.00	35.22 1.63 0.00	39.09 1.57 0.00	33.97 0.89 0.00	22.61 0.59 0.00	24.00 0.64 0.00	24.40 0.66 0.00
EUCLID__115KV_TB2 356179	19.77 -0.02 0.00	19.40 -0.04 0.00	18.41 -0.07 0.00	17.64 -0.12 0.00	17.42 -0.13 0.00	18.09 -0.13 0.00	20.13 -0.19 0.00	24.44 -0.28 0.00	24.53 -0.29 0.00	23.04 -0.28 0.00	22.01 -0.22 0.00	16.79 -0.10 0.00	17.40 -0.12 0.00	20.29 -0.16 0.00	27.62 -0.18 0.00	37.47 -0.25 0.00	29.91 0.03 0.00	35.48 0.10 0.00	33.75 0.17 0.00	37.46 -0.06 0.00	32.71 -0.37 0.00	21.78 -0.24 0.00	23.16 -0.21 0.00	23.65 -0.09 0.00
E_CANADA_CAP_HY 24051	21.04 1.24 0.00	20.62 1.18 0.00	19.56 1.09 0.00	18.77 1.01 0.00	18.54 0.99 0.00	19.34 1.13 0.00	21.58 1.27 0.00	26.16 1.43 0.00	26.31 1.48 0.00	24.74 1.42 0.00	25.09 1.40 -1.47	32.05 1.20 -13.96	24.95 1.38 -6.05	28.62 1.51 -6.67	37.13 2.02 -7.30	43.27 2.62 -2.94	45.67 2.24 -13.56	35.56 2.40 2.22	36.94 2.46 -0.90	41.01 2.18 -1.31	37.69 1.57 -3.04	26.03 1.17 -2.84	24.93 1.19 -0.38	25.14 1.40 0.00
E_CANADA_MHWK_HY 24050	20.10 0.30 0.00	19.75 0.31 0.00	18.82 0.34 0.00	18.09 0.33 0.00	17.86 0.31 0.00	18.48 0.26 0.00	20.70 0.39 0.00	25.35 0.63 0.00	25.31 0.49 0.00	23.54 0.22 0.00	22.19 -0.03 0.00	16.67 -0.22 0.00	17.26 -0.26 0.00	20.13 -0.31 0.00	27.44 -0.37 0.00	37.26 -0.45 0.00	29.75 -0.13 0.00	35.80 0.43 0.00	34.21 0.62 0.00	38.35 0.84 0.00	34.01 0.93 0.00	22.64 0.63 0.00	24.00 0.63 0.00	24.15 0.40 0.00
E_FISHKILL__LBMP 23776	20.62 0.83 0.00	20.19 0.75 0.00	19.17 0.69 0.00	18.43 0.66 0.00	18.17 0.62 0.00	18.91 0.69 0.00	21.39 1.08 0.00	26.11 1.39 0.00	26.28 1.45 0.00	24.73 1.41 0.00	26.63 1.37 -3.03	51.11 1.09 -33.13	35.68 1.13 -17.03	42.01 1.31 -20.25	50.54 1.80 -20.94	47.03 2.45 -6.86	110.84 2.17 -78.79	72.22 2.56 -34.28	38.55 2.50 -2.47	43.37 2.79 -3.06	42.82 2.38 -7.37	30.23 1.58 -6.64	25.99 1.73 -0.90	25.22 1.48 0.00
FALCON__SEABRD_CC1 323796	19.48 -0.32 0.00	19.08 -0.35 0.00	18.26 -0.22 0.00	17.71 -0.05 0.00	17.61 0.06 0.00	18.45 0.23 0.00	20.86 0.55 0.00	25.61 0.88 0.00	25.60 0.77 0.00	23.97 0.65 0.00	22.84 0.61 0.00	17.39 0.49 0.00	18.02 0.50 0.00	21.07 0.62 0.00	28.61 0.81 0.00	38.86 1.15 0.00	30.72 0.84 0.00	36.22 0.84 0.00	33.95 0.36 0.00	38.19 0.68 0.00	33.44 0.36 0.00	22.04 0.02 0.00	23.11 -0.26 0.00	23.27 -0.48 0.00
FALCON__SEABRD_CC2 323797	19.48 -0.32 0.00	19.08 -0.35 0.00	18.26 -0.22 0.00	17.71 -0.05 0.00	17.61 0.06 0.00	18.45 0.23 0.00	20.86 0.55 0.00	25.61 0.88 0.00	25.60 0.77 0.00	23.97 0.65 0.00	22.84 0.61 0.00	17.39 0.49 0.00	18.02 0.50 0.00	21.07 0.62 0.00	28.61 0.81 0.00	38.86 1.15 0.00	30.72 0.84 0.00	36.22 0.84 0.00	33.95 0.36 0.00	38.19 0.68 0.00	33.44 0.36 0.00	22.04 0.02 0.00	23.11 -0.26 0.00	23.27 -0.48 0.00
FAR ROCKAWAY__4 23548	21.28 1.48 0.00	20.76 1.33 0.00	19.66 1.18 0.00	18.87 1.11 0.00	18.62 1.06 0.00	19.45 1.23 0.00	22.01 1.70 0.00	26.80 2.08 0.00	27.02 2.19 0.00	25.48 2.17 0.00	28.50 2.22 -4.05	60.99 1.76 -42.34	38.92 1.73 -19.68	45.67 1.95 -23.27	54.87 2.82 -24.25	51.69 3.88 -10.09	115.96 3.27 -82.81	73.14 3.90 -33.86	47.05 3.79 -9.68	143.27 4.24 -101.51	156.76 3.59 -120.10	66.04 2.45 -41.57	28.74 2.63 -2.75	29.97 2.37 -3.85
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.94 1.15 0.00	20.47 1.03 0.00	19.40 0.92 0.00	18.63 0.87 0.00	18.37 0.82 0.00	19.16 0.95 0.00	21.73 1.42 0.00	26.54 1.82 0.00	26.78 1.96 0.00	25.24 1.92 0.00	28.19 1.93 -4.04	60.91 1.51 -42.50	38.71 1.56 -19.63	45.48 1.82 -23.21	54.39 2.48 -24.11	49.09 3.34 -8.03	115.50 2.88 -82.74	70.83 3.27 -32.18	39.54 3.14 -2.81	44.54 3.43 -3.59	45.37 2.86 -9.44	31.77 1.98 -7.77	26.63 2.16 -1.10	25.64 1.90 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.95 1.16 0.00	20.48 1.04 0.00	19.41 0.93 0.00	18.64 0.88 0.00	18.38 0.83 0.00	19.17 0.95 0.00	21.73 1.42 0.00	26.55 1.82 0.00	26.79 1.97 0.00	25.25 1.93 0.00	28.19 1.93 -4.04	60.91 1.52 -42.50	38.72 1.57 -19.63	45.48 1.82 -23.21	54.40 2.49 -24.11	49.11 3.37 -8.03	115.52 2.90 -82.74	70.84 3.28 -32.18	39.56 3.16 -2.81	44.56 3.45 -3.59	45.38 2.87 -9.44	31.78 1.99 -7.77	26.64 2.18 -1.10	25.66 1.92 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.93 1.13 0.00	20.46 1.02 0.00	19.39 0.91 0.00	18.63 0.86 0.00	18.37 0.82 0.00	19.15 0.93 0.00	21.71 1.40 0.00	26.53 1.80 0.00	26.77 1.94 0.00	25.23 1.90 0.00	28.17 1.91 -4.04	60.90 1.50 -42.50	38.70 1.55 -19.63	45.46 1.80 -23.21	54.37 2.46 -24.11	49.07 3.32 -8.03	115.48 2.87 -82.74	70.80 3.24 -32.18	39.52 3.12 -2.81	44.52 3.42 -3.59	45.35 2.83 -9.44	31.75 1.96 -7.77	26.62 2.15 -1.10	25.63 1.89 0.00
FARRAGUT___LBMP 323566	20.92 1.12 0.00	20.45 1.01 0.00	19.38 0.90 0.00	18.61 0.85 0.00	18.35 0.80 0.00	19.14 0.92 0.00	21.70 1.39 0.00	26.50 1.78 0.00	26.74 1.92 0.00	25.20 1.88 0.00	28.15 1.88 -4.04	60.87 1.47 -42.50	38.68 1.53 -19.63	45.44 1.78 -23.21	54.33 2.42 -24.11	49.01 3.27 -8.03	115.44 2.82 -82.74	70.76 3.19 -32.18	39.47 3.08 -2.81	44.48 3.38 -3.59	45.31 2.80 -9.44	31.73 1.94 -7.77	26.60 2.13 -1.10	25.61 1.87 0.00
FENNER___WINDPWR 24204	20.31 0.52 0.00	19.94 0.50 0.00	18.92 0.45 0.00	18.15 0.39 0.00	17.94 0.39 0.00	18.64 0.42 0.00	20.80 0.48 0.00	25.34 0.61 0.00	25.38 0.55 0.00	23.75 0.43 0.00	22.64 0.41 0.00	17.25 0.35 0.00	17.88 0.36 0.00	20.87 0.43 0.00	28.47 0.67 0.00	38.65 0.93 0.00	30.85 0.97 0.00	36.72 1.34 0.00	34.96 1.38 0.00	38.83 1.32 0.00	33.81 0.73 0.00	22.45 0.43 0.00	23.78 0.41 0.00	24.12 0.38 0.00
FIBERTEK___ENERGY 23856	20.04 0.24 0.00	19.65 0.21 0.00	18.65 0.17 0.00	17.87 0.11 0.00	17.65 0.10 0.00	18.33 0.11 0.00	20.38 0.07 0.00	24.75 0.03 0.00	24.84 0.01 0.00	23.30 -0.01 0.00	22.26 0.03 0.00	17.00 0.11 0.00	17.62 0.10 0.00	20.54 0.09 0.00	27.98 0.18 0.00	37.95 0.23 0.00	30.32 0.44 0.00	36.02 0.64 0.00	34.24 0.65 0.00	37.98 0.47 0.00	33.18 0.11 0.00	22.07 0.06 0.00	23.44 0.08 0.00	23.93 0.18 0.00
FITZPATRICK____ 23598	19.42 -0.38 0.00	19.07 -0.37 0.00	18.11 -0.37 0.00	17.37 -0.40 0.00	17.15 -0.40 0.00	17.80 -0.42 0.00	19.76 -0.55 0.00	23.98 -0.74 0.00	24.07 -0.76 0.00	22.61 -0.71 0.00	21.58 -0.64 0.00	16.47 -0.43 0.00	17.07 -0.45 0.00	19.90 -0.54 0.00	27.08 -0.72 0.00	36.72 -1.00 0.00	29.24 -0.64 0.00	34.67 -0.70 0.00	32.94 -0.65 0.00	36.63 -0.89 0.00	32.08 -1.00 0.00	21.38 -0.64 0.00	22.72 -0.65 0.00	23.23 -0.51 0.00
FLOWRFLD_69_KV_BK1 356044	23.52 1.54 -2.19	20.75 1.31 0.00	19.66 1.18 0.00	18.86 1.09 0.00	18.60 1.05 0.00	19.53 1.31 0.00	22.25 1.94 0.00	27.12 2.39 0.00	27.28 2.45 0.00	25.71 2.39 0.00	28.68 2.40 -4.05	61.12 1.89 -42.34	39.08 1.89 -19.68	45.69 1.98 -23.27	54.78 2.73 -24.25	51.64 3.83 -10.09	115.88 3.19 -82.81	73.21 3.98 -33.86	47.26 4.00 -9.68	143.30 4.27 -101.51	156.94 3.77 -120.10	45.42 2.54 -20.87	28.90 2.78 -2.75	30.22 2.63 -3.85
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.86 1.07 0.00	20.40 0.96 0.00	19.37 0.89 0.00	18.62 0.85 0.00	18.35 0.80 0.00	19.11 0.89 0.00	21.69 1.38 0.00	26.49 1.77 0.00	26.68 1.85 0.00	25.10 1.78 0.00	24.83 1.73 -0.88	34.99 1.34 -16.76	38.20 1.40 -19.28	44.99 1.67 -22.88	53.83 2.32 -23.70	48.84 3.23 -7.89	113.20 2.85 -80.46	69.66 3.41 -30.87	39.64 3.30 -2.76	44.69 3.65 -3.52	39.34 3.04 -3.22	31.66 2.00 -7.64	26.20 2.12 -0.71	25.55 1.81 0.00
FORT ORANGE____ 23900	20.07 0.27 0.00	19.76 0.32 0.00	18.83 0.35 0.00	18.11 0.35 0.00	17.87 0.32 0.00	18.48 0.27 0.00	20.81 0.50 0.00	25.40 0.67 0.00	25.45 0.62 0.00	23.83 0.51 0.00	24.03 0.31 -1.50	17.33 0.05 -0.38	-3.81 0.10 21.43	27.99 0.14 -7.40	36.06 0.19 -8.07	41.22 0.27 -3.23	46.92 0.42 -16.62	35.01 0.64 1.01	35.42 0.84 -1.00	40.01 1.05 -1.44	37.21 1.03 -3.11	25.69 0.55 -3.13	24.41 0.64 -0.40	24.23 0.49 0.00
FORT_DRUM_COGEN 23780	20.69 0.90 0.00	20.41 0.97 0.00	19.43 0.95 0.00	18.66 0.90 0.00	18.51 0.96 0.00	19.26 1.04 0.00	21.60 1.28 0.00	26.31 1.59 0.00	26.14 1.31 0.00	24.19 0.87 0.00	22.92 0.70 0.00	17.46 0.57 0.00	18.07 0.56 0.00	21.15 0.70 0.00	28.74 0.94 0.00	39.08 1.37 0.00	31.34 1.46 0.00	37.82 2.44 0.00	36.40 2.81 0.00	40.43 2.92 0.00	34.40 1.33 0.00	22.69 0.67 0.00	23.95 0.58 0.00	24.27 0.52 0.00
FPL_FAR_ROCK_GT1 24212	21.29 1.49 0.00	20.77 1.33 0.00	19.66 1.19 0.00	18.87 1.11 0.00	18.62 1.07 0.00	19.45 1.23 0.00	22.01 1.70 0.00	26.80 2.08 0.00	27.02 2.19 0.00	25.48 2.16 0.00	28.49 2.21 -4.05	60.99 1.76 -42.34	38.93 1.74 -19.68	45.67 1.95 -23.27	54.87 2.82 -24.25	51.69 3.88 -10.09	115.96 3.27 -82.81	73.14 3.90 -33.86	47.04 3.79 -9.68	143.27 4.24 -101.51	156.77 3.59 -120.10	66.04 2.45 -41.57	28.74 2.63 -2.75	29.97 2.37 -3.85
FPL_FAR_ROCK_GT2 23815	21.29 1.49 0.00	20.77 1.33 0.00	19.66 1.19 0.00	18.87 1.11 0.00	18.62 1.07 0.00	19.45 1.23 0.00	22.01 1.70 0.00	26.80 2.08 0.00	27.02 2.19 0.00	25.48 2.16 0.00	28.49 2.21 -4.05	60.99 1.76 -42.34	38.93 1.74 -19.68	45.67 1.95 -23.27	54.87 2.82 -24.25	51.69 3.88 -10.09	115.96 3.27 -82.81	73.14 3.90 -33.86	47.04 3.79 -9.68	143.27 4.24 -101.51	156.77 3.59 -120.10	66.04 2.45 -41.57	28.74 2.63 -2.75	29.97 2.37 -3.85
FRANKLIN_FALL_HYD 24054	19.52 -0.27 0.00	19.17 -0.27 0.00	18.30 -0.18 0.00	17.74 -0.02 0.00	17.64 0.09 0.00	18.44 0.23 0.00	20.72 0.41 0.00	25.40 0.67 0.00	25.44 0.62 0.00	23.84 0.52 0.00	22.70 0.48 0.00	17.28 0.38 0.00	17.90 0.39 0.00	20.92 0.48 0.00	28.41 0.61 0.00	38.61 0.90 0.00	30.36 0.48 0.00	35.83 0.45 0.00	33.55 -0.03 0.00	37.82 0.30 0.00	33.25 0.18 0.00	21.99 -0.03 0.00	23.11 -0.26 0.00	23.35 -0.39 0.00
FREEPORT_EQUS_GT1 23764	21.18 1.38 0.00	20.63 1.19 0.00	19.53 1.06 0.00	18.75 0.99 0.00	18.49 0.94 0.00	19.33 1.12 0.00	21.93 1.62 0.00	26.72 2.00 0.00	26.91 2.09 0.00	25.36 2.04 0.00	28.38 2.10 -4.05	60.91 1.68 -42.34	38.82 1.62 -19.68	45.47 1.76 -23.27	54.57 2.51 -24.25	51.31 3.50 -10.09	115.64 2.95 -82.81	72.78 3.55 -33.86	46.72 3.47 -9.68	142.87 3.84 -101.51	156.48 3.31 -120.10	52.43 2.29 -28.13	28.65 2.54 -2.75	29.88 2.29 -3.85
FREEPORT___CT2 23818	21.18 1.38 0.00	20.63 1.19 0.00	19.53 1.06 0.00	18.75 0.99 0.00	18.49 0.94 0.00	19.33 1.12 0.00	21.93 1.62 0.00	26.72 2.00 0.00	26.91 2.09 0.00	25.36 2.04 0.00	28.38 2.10 -4.05	60.91 1.68 -42.34	38.82 1.62 -19.68	45.47 1.76 -23.27	54.57 2.51 -24.25	51.31 3.50 -10.09	115.64 2.95 -82.81	72.78 3.55 -33.86	46.72 3.47 -9.68	142.87 3.84 -101.51	156.48 3.31 -120.10	52.43 2.29 -28.13	28.65 2.54 -2.75	29.88 2.29 -3.85



FRESHKLS_33_KV_LOAD 356253	20.91 1.11 0.00	20.47 1.03 0.00	19.41 0.93 0.00	18.63 0.87 0.00	18.36 0.81 0.00	19.17 0.95 0.00	21.72 1.41 0.00	26.49 1.77 0.00	26.69 1.86 0.00	25.16 1.84 0.00	26.26 1.84 -2.20	32.63 1.45 -14.28	31.25 1.53 -12.20	33.10 1.79 -10.86	54.34 2.43 -24.11	49.16 3.41 -8.03	115.56 2.94 -82.74	70.35 3.40 -31.58	39.60 3.20 -2.81	44.55 3.45 -3.59	33.36 2.85 2.57	31.80 2.02 -7.77	26.67 2.21 -1.10	25.68 1.94 0.00
FULTON COGEN____ 23766	20.29 0.50 0.00	19.90 0.46 0.00	18.86 0.39 0.00	18.06 0.30 0.00	17.86 0.30 0.00	18.55 0.34 0.00	20.67 0.35 0.00	25.12 0.39 0.00	25.16 0.33 0.00	23.60 0.28 0.00	22.54 0.31 0.00	17.21 0.31 0.00	17.82 0.30 0.00	20.71 0.26 0.00	28.16 0.35 0.00	38.20 0.49 0.00	30.57 0.69 0.00	36.39 1.01 0.00	34.68 1.09 0.00	38.44 0.92 0.00	33.45 0.37 0.00	22.31 0.29 0.00	23.73 0.36 0.00	24.17 0.43 0.00
FULTON____LFGE 323630	20.99 1.19 0.00	20.57 1.14 0.00	19.53 1.06 0.00	18.76 1.00 0.00	18.56 1.01 0.00	19.31 1.09 0.00	21.55 1.24 0.00	26.34 1.62 0.00	26.32 1.49 0.00	24.51 1.19 0.00	24.44 0.75 -1.47	31.27 0.42 -13.96	23.99 0.42 -6.05	27.46 0.34 -6.67	35.50 0.40 -7.30	41.24 0.59 -2.94	44.68 1.24 -13.56	35.50 2.22 0.00	37.27 2.79 -0.90	41.69 2.86 -1.31	38.47 2.36 -3.04	26.47 1.61 -2.84	25.28 1.54 -0.38	25.33 1.58 0.00
G.F.CEMENT____DRP 24184	20.71 0.91 0.00	20.28 0.84 0.00	19.30 0.82 0.00	18.55 0.78 0.00	18.34 0.79 0.00	19.09 0.88 0.00	21.63 1.32 0.00	26.40 1.67 0.00	26.41 1.58 0.00	24.68 1.36 0.00	24.86 1.13 -1.51	31.99 0.74 -14.35	24.35 0.74 -6.10	27.97 0.88 -6.65	36.36 1.22 -7.33	42.44 1.71 -3.03	46.44 1.75 -14.82	36.15 2.34 1.56	37.04 2.52 -0.93	41.84 2.97 -1.35	38.86 2.66 -3.12	26.49 1.55 -2.93	25.44 1.68 -0.39	25.18 1.43 0.00
GARDENVILLE____LBMP 24039	20.22 0.42 0.00	19.85 0.41 0.00	18.62 0.14 0.00	17.50 -0.26 0.00	17.32 -0.23 0.00	18.24 0.03 0.00	20.17 -0.14 0.00	24.33 -0.40 0.00	24.90 0.07 0.00	23.64 0.32 0.00	22.78 0.56 0.00	17.49 0.60 0.00	18.08 0.56 0.00	21.22 0.78 0.00	28.98 1.17 0.00	39.10 1.39 0.00	31.83 1.95 0.00	37.53 2.16 0.00	35.51 1.93 0.00	38.64 1.12 0.00	32.48 -0.59 0.00	21.82 -0.20 0.00	23.33 -0.03 0.00	23.87 0.13 0.00
GARDNVLA_35_KV_LD 355827	20.35 0.55 0.00	19.97 0.53 0.00	18.73 0.26 0.00	17.60 -0.17 0.00	17.41 -0.14 0.00	18.36 0.14 0.00	20.29 -0.02 0.00	24.49 -0.23 0.00	25.07 0.24 0.00	23.81 0.49 0.00	22.96 0.73 0.00	17.62 0.73 0.00	18.20 0.69 0.00	21.39 0.94 0.00	29.22 1.42 0.00	39.45 1.74 0.00	32.14 2.26 0.00	37.89 2.51 0.00	35.83 2.24 0.00	38.98 1.46 0.00	32.74 -0.33 0.00	21.99 -0.03 0.00	23.49 0.13 0.00	24.02 0.27 0.00
GELCKHM__115KV_LOAD 80723	19.87 0.08 0.00	19.49 0.05 0.00	18.49 0.02 0.00	17.72 -0.04 0.00	17.50 -0.05 0.00	18.18 -0.04 0.00	20.22 -0.09 0.00	24.56 -0.17 0.00	24.65 -0.18 0.00	23.15 -0.17 0.00	22.11 -0.12 0.00	16.87 -0.02 0.00	17.49 -0.03 0.00	20.39 -0.06 0.00	27.76 -0.04 0.00	37.65 -0.06 0.00	30.07 0.19 0.00	35.69 0.32 0.00	33.93 0.35 0.00	37.67 0.15 0.00	32.73 -0.35 0.00	21.84 -0.17 0.00	23.27 -0.09 0.00	23.75 0.01 0.00
GENERAL____MILLS 23808	20.31 0.52 0.00	19.94 0.50 0.00	18.70 0.22 0.00	17.57 -0.19 0.00	17.39 -0.16 0.00	18.33 0.11 0.00	20.26 -0.06 0.00	24.44 -0.28 0.00	25.02 0.19 0.00	23.76 0.44 0.00	22.90 0.67 0.00	17.58 0.69 0.00	18.16 0.64 0.00	21.33 0.89 0.00	29.14 1.33 0.00	39.33 1.62 0.00	32.03 2.15 0.00	37.76 2.38 0.00	35.72 2.13 0.00	38.86 1.34 0.00	32.67 -0.41 0.00	21.94 -0.07 0.00	23.45 0.08 0.00	23.97 0.23 0.00
GE_PLASTICS____DRP 24183	20.06 0.26 0.00	19.76 0.32 0.00	18.84 0.36 0.00	18.13 0.36 0.00	17.87 0.32 0.00	18.50 0.28 0.00	20.79 0.48 0.00	25.36 0.63 0.00	25.44 0.61 0.00	23.83 0.51 0.00	24.00 0.27 -1.50	-230.18 0.00 247.08	-498.80 0.02 516.34	27.86 0.06 -7.36	35.85 0.06 -7.99	40.89 0.04 -3.14	44.87 0.18 -14.82	33.57 0.30 2.11	35.02 0.48 -0.96	39.55 0.63 -1.40	36.85 0.66 -3.11	25.41 0.35 -3.04	24.21 0.44 -0.39	24.12 0.38 0.00
GILBOA____1 23756	20.25 0.45 0.00	19.88 0.45 0.00	19.04 0.56 0.00	18.36 0.60 0.00	18.04 0.49 0.00	18.59 0.38 0.00	20.89 0.58 0.00	25.48 0.75 0.00	25.60 0.77 0.00	24.04 0.72 0.00	23.85 0.65 -0.98	27.13 0.43 -9.80	22.66 0.46 -4.69	26.42 0.54 -5.43	34.21 0.68 -5.72	40.62 0.88 -2.03	36.26 0.82 -5.56	31.61 0.93 4.69	35.20 1.03 -0.59	39.55 1.13 -0.90	36.31 1.08 -2.16	24.71 0.73 -1.96	24.47 0.83 -0.26	24.46 0.72 0.00
GILBOA____2 23757	20.25 0.45 0.00	19.88 0.45 0.00	19.04 0.56 0.00	18.36 0.60 0.00	18.04 0.49 0.00	18.59 0.38 0.00	20.89 0.58 0.00	25.48 0.75 0.00	25.60 0.77 0.00	24.04 0.72 0.00	23.85 0.65 -0.98	27.13 0.43 -9.80	22.66 0.46 -4.69	26.42 0.54 -5.43	34.21 0.68 -5.72	40.62 0.88 -2.03	36.26 0.82 -5.56	31.61 0.93 4.69	35.20 1.03 -0.59	39.55 1.13 -0.90	36.31 1.08 -2.16	24.71 0.73 -1.96	24.47 0.83 -0.26	24.46 0.72 0.00
GILBOA____3 23758	20.25 0.45 0.00	19.88 0.45 0.00	19.04 0.56 0.00	18.36 0.60 0.00	18.04 0.49 0.00	18.59 0.38 0.00	20.89 0.58 0.00	25.48 0.75 0.00	25.60 0.77 0.00	24.04 0.72 0.00	23.85 0.65 -0.98	27.13 0.43 -9.80	22.66 0.46 -4.69	26.42 0.54 -5.43	34.21 0.68 -5.72	40.62 0.88 -2.03	36.26 0.82 -5.56	31.61 0.93 4.69	35.20 1.03 -0.59	39.55 1.13 -0.90	36.31 1.08 -2.16	24.71 0.73 -1.96	24.47 0.83 -0.26	24.46 0.72 0.00
GILBOA____4 23759	20.25 0.45 0.00	19.88 0.45 0.00	19.04 0.56 0.00	18.36 0.60 0.00	18.04 0.49 0.00	18.59 0.38 0.00	20.89 0.58 0.00	25.48 0.75 0.00	25.60 0.77 0.00	24.04 0.72 0.00	23.85 0.65 -0.98	27.13 0.43 -9.80	22.66 0.46 -4.69	26.42 0.54 -5.43	34.21 0.68 -5.72	40.62 0.88 -2.03	36.26 0.82 -5.56	31.61 0.93 4.69	35.20 1.03 -0.59	39.55 1.13 -0.90	36.31 1.08 -2.16	24.71 0.73 -1.96	24.47 0.83 -0.26	24.46 0.72 0.00
GILBOA____ 23599	20.25 0.45 0.00	19.88 0.45 0.00	19.04 0.56 0.00	18.36 0.60 0.00	18.04 0.49 0.00	18.59 0.38 0.00	20.90 0.58 0.00	25.48 0.75 0.00	25.60 0.77 0.00	24.04 0.72 0.00	23.85 0.65 -0.98	27.13 0.43 -9.80	22.66 0.46 -4.69	26.42 0.55 -5.43	34.21 0.68 -5.72	40.62 0.88 -2.03	36.25 0.80 -5.56	31.62 0.93 4.69	35.20 1.03 -0.59	39.55 1.13 -0.90	36.31 1.08 -2.16	24.71 0.73 -1.96	24.47 0.84 -0.26	24.46 0.72 0.00
GINNA____ 23603	19.06 -0.74 0.00	18.70 -0.74 0.00	17.67 -0.81 0.00	16.83 -0.93 0.00	16.62 -0.93 0.00	17.36 -0.86 0.00	19.35 -0.96 0.00	23.46 -1.27 0.00	23.67 -1.16 0.00	22.30 -1.02 0.00	21.37 -0.86 0.00	16.36 -0.53 0.00	16.99 -0.53 0.00	19.89 -0.56 0.00	27.11 -0.69 0.00	36.79 -0.93 0.00	29.54 -0.34 0.00	35.14 -0.23 0.00	33.38 -0.21 0.00	36.78 -0.73 0.00	31.71 -1.37 0.00	21.10 -0.92 0.00	22.39 -0.98 0.00	22.82 -0.92 0.00

GLEN PARK____ 23778	20.81 1.01 0.00	20.51 1.08 0.00	19.52 1.05 0.00	18.75 0.99 0.00	18.60 1.05 0.00	19.36 1.14 0.00	21.71 1.40 0.00	26.45 1.72 0.00	26.25 1.43 0.00	24.26 0.94 0.00	22.98 0.75 0.00	17.51 0.61 0.00	18.13 0.61 0.00	21.22 0.77 0.00	28.83 1.03 0.00	39.20 1.48 0.00	31.45 1.57 0.00	38.03 2.65 0.00	36.67 3.08 0.00	40.75 3.23 0.00	34.66 1.58 0.00	22.86 0.84 0.00	24.12 0.75 0.00	24.42 0.68 0.00
GLENDAL_27_KV_LOAD 356172	21.05 1.25 0.00	20.58 1.14 0.00	19.50 1.02 0.00	18.74 0.97 0.00	18.47 0.92 0.00	19.27 1.05 0.00	21.86 1.55 0.00	26.71 1.99 0.00	26.97 2.14 0.00	25.37 2.05 0.00	30.81 2.08 -6.51	62.42 1.62 -43.91	40.47 1.69 -21.27	45.61 1.95 -23.21	54.52 2.61 -24.11	49.27 3.52 -8.03	115.60 2.99 -82.74	71.02 3.45 -32.18	39.75 3.35 -2.81	44.74 3.64 -3.59	45.55 3.03 -9.44	31.94 2.15 -7.77	26.81 2.34 -1.10	25.80 2.06 0.00
GLENWOOD_IC_1_G5 23712	21.12 1.32 0.00	20.59 1.16 0.00	19.51 1.03 0.00	18.72 0.96 0.00	18.47 0.92 0.00	19.29 1.07 0.00	21.89 1.57 0.00	26.68 1.96 0.00	26.89 2.06 0.00	25.35 2.04 0.00	28.38 2.10 -4.05	60.90 1.67 -42.34	38.87 1.67 -19.68	45.60 1.88 -23.27	54.73 2.67 -24.25	51.50 3.70 -10.09	115.82 3.13 -82.81	72.94 3.71 -33.86	46.84 3.58 -9.68	142.95 3.92 -101.51	156.49 3.31 -120.10	49.56 2.25 -25.29	28.57 2.46 -2.75	29.79 2.20 -3.85
GLENWOOD_IC_2_G1 23688	21.08 1.28 0.00	20.55 1.11 0.00	19.46 0.98 0.00	18.68 0.92 0.00	18.43 0.87 0.00	19.24 1.02 0.00	21.83 1.52 0.00	26.61 1.89 0.00	26.82 1.99 0.00	25.27 1.95 0.00	28.29 2.02 -4.05	60.83 1.60 -42.34	38.80 1.60 -19.68	45.51 1.80 -23.27	54.59 2.54 -24.25	51.32 3.52 -10.09	115.66 2.97 -82.81	72.77 3.54 -33.86	46.69 3.43 -9.68	142.80 3.77 -101.51	156.38 3.21 -120.10	46.14 2.18 -21.95	28.49 2.38 -2.75	29.72 2.13 -3.85
GLENWOOD_IC_3_G1 23689	21.08 1.28 0.00	20.55 1.11 0.00	19.46 0.98 0.00	18.68 0.92 0.00	18.43 0.87 0.00	19.24 1.02 0.00	21.83 1.52 0.00	26.61 1.89 0.00	26.82 1.99 0.00	25.27 1.95 0.00	28.29 2.02 -4.05	60.83 1.60 -42.34	38.80 1.60 -19.68	45.51 1.80 -23.27	54.59 2.54 -24.25	51.32 3.52 -10.09	115.66 2.97 -82.81	72.77 3.54 -33.86	46.69 3.43 -9.68	142.80 3.77 -101.51	156.38 3.21 -120.10	46.14 2.18 -21.95	28.49 2.38 -2.75	29.72 2.13 -3.85
GLENWOOD____4 23550	21.12 1.32 0.00	20.59 1.16 0.00	19.51 1.03 0.00	18.72 0.96 0.00	18.47 0.92 0.00	19.29 1.07 0.00	21.89 1.57 0.00	26.68 1.96 0.00	26.89 2.06 0.00	25.35 2.04 0.00	28.38 2.10 -4.05	60.90 1.67 -42.34	38.87 1.67 -19.68	45.60 1.88 -23.27	54.73 2.67 -24.25	51.50 3.70 -10.09	115.82 3.13 -82.81	72.94 3.71 -33.86	46.84 3.58 -9.68	142.95 3.92 -101.51	156.49 3.31 -120.10	49.56 2.25 -25.29	28.57 2.46 -2.75	29.79 2.20 -3.85
GLENWOOD____5 23614	21.12 1.32 0.00	20.59 1.16 0.00	19.51 1.03 0.00	18.72 0.96 0.00	18.47 0.92 0.00	19.29 1.07 0.00	21.89 1.57 0.00	26.68 1.96 0.00	26.89 2.06 0.00	25.35 2.04 0.00	28.38 2.10 -4.05	60.90 1.67 -42.34	38.87 1.67 -19.68	45.60 1.88 -23.27	54.73 2.67 -24.25	51.50 3.70 -10.09	115.82 3.13 -82.81	72.94 3.71 -33.86	46.84 3.58 -9.68	142.95 3.92 -101.51	156.49 3.31 -120.10	49.56 2.25 -25.29	28.57 2.46 -2.75	29.79 2.20 -3.85
GLOBAL GREEN_PORT_GT1 23814	23.79 2.16 -1.84	21.31 1.87 0.00	20.17 1.70 0.00	19.36 1.59 0.00	19.11 1.55 0.00	20.08 1.87 0.00	22.98 2.66 0.00	28.04 3.32 0.00	28.23 3.40 0.00	26.58 3.26 0.00	29.52 3.24 -4.05	61.79 2.56 -42.34	39.77 2.58 -19.68	46.51 2.80 -23.27	55.93 3.88 -24.25	53.24 5.44 -10.09	117.12 4.43 -82.81	74.81 5.57 -33.86	48.79 5.53 -9.68	144.95 5.92 -101.51	158.36 5.18 -120.10	46.27 3.43 -20.83	29.76 3.65 -2.75	31.03 3.44 -3.85
GLOBE____DSASP 323697	19.52 -0.28 0.00	19.20 -0.24 0.00	18.01 -0.46 0.00	16.88 -0.88 0.00	16.70 -0.85 0.00	17.58 -0.64 0.00	19.34 -0.97 0.00	23.18 -1.54 0.00	23.74 -1.08 0.00	22.54 -0.78 0.00	21.72 -0.50 0.00	16.76 -0.14 0.00	17.33 -0.19 0.00	20.33 -0.12 0.00	27.66 -0.14 0.00	37.30 -0.41 0.00	30.30 0.42 0.00	35.81 0.43 0.00	34.01 0.42 0.00	36.90 -0.61 0.00	30.99 -2.08 0.00	20.85 -1.17 0.00	22.46 -0.91 0.00	23.06 -0.68 0.00
GOETHSLN____LBMP 323567	20.87 1.07 0.00	20.41 0.97 0.00	19.35 0.87 0.00	18.58 0.82 0.00	18.32 0.77 0.00	19.10 0.88 0.00	21.64 1.32 0.00	26.41 1.68 0.00	26.64 1.82 0.00	25.08 1.76 0.00	27.09 1.77 -3.10	53.46 1.39 -35.17	36.36 1.46 -17.39	42.28 1.68 -20.16	54.21 2.31 -24.11	48.86 3.11 -8.03	115.27 2.65 -82.74	69.96 3.00 -31.58	39.32 2.92 -2.81	44.27 3.17 -3.59	33.13 2.62 2.57	31.62 1.83 -7.77	26.49 2.03 -1.10	25.53 1.79 0.00
GOLAH____69_KV_TB 1_2 80279	20.30 0.50 0.00	19.83 0.39 0.00	18.68 0.20 0.00	17.67 -0.09 0.00	17.46 -0.09 0.00	18.29 0.07 0.00	20.36 0.05 0.00	24.66 -0.07 0.00	24.96 0.13 0.00	23.48 0.16 0.00	22.52 0.30 0.00	17.25 0.35 0.00	17.88 0.36 0.00	20.95 0.50 0.00	28.58 0.77 0.00	38.77 1.06 0.00	31.22 1.34 0.00	37.22 1.84 0.00	35.46 1.88 0.00	38.96 1.44 0.00	33.28 0.20 0.00	22.17 0.15 0.00	23.59 0.22 0.00	24.07 0.32 0.00
GOODYEAR_LAKE_HYD 323669	20.55 0.75 0.00	20.14 0.71 0.00	19.16 0.68 0.00	18.41 0.65 0.00	18.15 0.60 0.00	18.82 0.61 0.00	21.19 0.87 0.00	25.81 1.08 0.00	25.93 1.10 0.00	24.38 1.06 0.00	22.84 1.02 0.41	14.02 0.77 3.64	18.48 0.83 -0.13	21.64 0.98 -0.21	29.32 1.34 -0.17	39.52 1.81 0.00	32.82 1.64 -1.30	38.46 2.00 -1.09	35.55 1.95 -0.01	39.57 2.06 0.00	34.11 1.62 0.58	23.08 1.06 0.00	24.44 1.11 0.04	24.74 1.00 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.27 0.47 0.00	19.86 0.42 0.00	18.83 0.35 0.00	18.03 0.27 0.00	17.79 0.24 0.00	18.52 0.31 0.00	20.74 0.43 0.00	25.25 0.52 0.00	25.39 0.57 0.00	23.88 0.56 0.00	22.81 0.59 0.00	17.37 0.48 0.00	17.98 0.46 0.00	21.02 0.57 0.00	28.69 0.89 0.00	38.85 1.14 0.00	31.97 1.24 -0.85	37.51 1.42 -0.71	34.91 1.32 -0.01	38.76 1.25 0.00	33.71 0.63 0.00	22.50 0.48 0.00	23.94 0.57 0.00	24.30 0.56 0.00
GOUDEY____7 23579	20.29 0.49 0.00	19.88 0.44 0.00	18.84 0.36 0.00	18.04 0.28 0.00	17.80 0.25 0.00	18.54 0.32 0.00	20.76 0.44 0.00	25.27 0.55 0.00	25.42 0.59 0.00	23.91 0.59 0.00	22.83 0.61 0.00	17.39 0.49 0.00	18.00 0.48 0.00	21.04 0.60 0.00	28.72 0.92 0.00	38.90 1.19 0.00	32.01 1.28 -0.85	37.56 1.47 -0.71	34.96 1.37 -0.01	38.81 1.29 0.00	33.75 0.68 0.00	22.52 0.50 0.00	23.96 0.60 0.00	24.32 0.57 0.00
GOUDEY____8 23580	20.27 0.47 0.00	19.86 0.42 0.00	18.83 0.35 0.00	18.03 0.27 0.00	17.79 0.24 0.00	18.52 0.31 0.00	20.74 0.43 0.00	25.25 0.52 0.00	25.39 0.57 0.00	23.88 0.56 0.00	22.81 0.59 0.00	17.37 0.48 0.00	17.98 0.46 0.00	21.02 0.57 0.00	28.69 0.89 0.00	38.85 1.14 0.00	31.97 1.24 -0.85	37.51 1.42 -0.71	34.91 1.32 -0.01	38.76 1.25 0.00	33.71 0.63 0.00	22.50 0.48 0.00	23.94 0.57 0.00	24.30 0.56 0.00

GOWANUS_GT1_1 24077	21.00 1.21 0.00	20.55 1.12 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.03 0.00	21.82 1.52 0.00	26.65 1.93 0.00	26.88 2.05 0.00	25.31 1.99 0.00	30.73 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.89 -23.21	54.45 2.53 -24.11	49.22 3.47 -8.03	115.58 2.96 -82.74	70.98 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.89 2.10 -7.77	26.76 2.30 -1.10	25.76 2.01 0.00
GOWANUS_GT1_2 24078	21.00 1.21 0.00	20.55 1.12 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.03 0.00	21.82 1.52 0.00	26.65 1.93 0.00	26.88 2.05 0.00	25.31 1.99 0.00	30.73 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.89 -23.21	54.45 2.53 -24.11	49.22 3.47 -8.03	115.58 2.96 -82.74	70.98 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.89 2.10 -7.77	26.76 2.30 -1.10	25.76 2.01 0.00
GOWANUS_GT1_3 24079	21.00 1.21 0.00	20.55 1.12 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.03 0.00	21.82 1.52 0.00	26.65 1.93 0.00	26.88 2.05 0.00	25.31 1.99 0.00	30.73 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.89 -23.21	54.45 2.53 -24.11	49.22 3.47 -8.03	115.58 2.96 -82.74	70.98 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.89 2.10 -7.77	26.76 2.30 -1.10	25.76 2.01 0.00
GOWANUS_GT1_4 24080	21.00 1.21 0.00	20.55 1.12 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.03 0.00	21.82 1.52 0.00	26.65 1.93 0.00	26.88 2.05 0.00	25.31 1.99 0.00	30.73 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.89 -23.21	54.45 2.53 -24.11	49.22 3.47 -8.03	115.58 2.96 -82.74	70.98 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.89 2.10 -7.77	26.76 2.30 -1.10	25.76 2.01 0.00
GOWANUS_GT1_5 24084	21.00 1.21 0.00	20.55 1.12 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.03 0.00	21.82 1.52 0.00	26.65 1.93 0.00	26.88 2.05 0.00	25.31 1.99 0.00	30.73 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.89 -23.21	54.45 2.53 -24.11	49.22 3.47 -8.03	115.58 2.96 -82.74	70.98 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.89 2.10 -7.77	26.76 2.30 -1.10	25.76 2.01 0.00
GOWANUS_GT1_6 24111	21.00 1.21 0.00	20.55 1.12 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.03 0.00	21.82 1.52 0.00	26.65 1.93 0.00	26.88 2.05 0.00	25.31 1.99 0.00	30.73 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.89 -23.21	54.45 2.53 -24.11	49.22 3.47 -8.03	115.58 2.96 -82.74	70.98 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.89 2.10 -7.77	26.76 2.30 -1.10	25.76 2.01 0.00
GOWANUS_GT1_7 24112	21.00 1.21 0.00	20.55 1.12 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.03 0.00	21.82 1.52 0.00	26.65 1.93 0.00	26.88 2.05 0.00	25.31 1.99 0.00	30.73 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.89 -23.21	54.45 2.53 -24.11	49.22 3.47 -8.03	115.58 2.96 -82.74	70.98 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.89 2.10 -7.77	26.76 2.30 -1.10	25.76 2.01 0.00
GOWANUS_GT1_8 24113	21.00 1.21 0.00	20.55 1.12 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.03 0.00	21.82 1.52 0.00	26.65 1.93 0.00	26.88 2.05 0.00	25.31 1.99 0.00	30.73 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.89 -23.21	54.45 2.53 -24.11	49.22 3.47 -8.03	115.58 2.96 -82.74	70.98 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.89 2.10 -7.77	26.76 2.30 -1.10	25.76 2.01 0.00
GOWANUS_GT2_1 24114	21.00 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.25 1.03 0.00	21.82 1.50 0.00	26.64 1.92 0.00	26.87 2.04 -0.01	25.29 1.97 0.00	27.30 1.98 -3.10	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.88 -23.21	54.43 2.52 -24.11	49.18 3.43 -8.03	115.55 2.94 -82.74	70.95 3.39 -32.18	39.65 3.26 -2.81	44.63 3.53 -3.59	45.43 2.91 -9.44	31.89 2.09 -7.78	26.75 2.28 -1.10	25.74 2.00 0.00
GOWANUS_GT2_2 24115	21.00 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.25 1.03 0.00	21.82 1.50 0.00	26.64 1.92 0.00	26.87 2.04 -0.01	25.29 1.97 0.00	27.30 1.98 -3.10	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.88 -23.21	54.43 2.52 -24.11	49.18 3.43 -8.03	115.55 2.94 -82.74	70.95 3.39 -32.18	39.65 3.26 -2.81	44.63 3.53 -3.59	45.43 2.91 -9.44	31.89 2.09 -7.78	26.75 2.28 -1.10	25.74 2.00 0.00
GOWANUS_GT2_3 24116	21.00 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.25 1.03 0.00	21.82 1.50 0.00	26.64 1.92 0.00	26.87 2.04 -0.01	25.29 1.97 0.00	27.30 1.98 -3.10	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.88 -23.21	54.43 2.52 -24.11	49.18 3.43 -8.03	115.55 2.94 -82.74	70.95 3.39 -32.18	39.65 3.26 -2.81	44.63 3.53 -3.59	45.43 2.91 -9.44	31.89 2.09 -7.78	26.75 2.28 -1.10	25.74 2.00 0.00
GOWANUS_GT2_4 24117	21.00 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.25 1.03 0.00	21.82 1.50 0.00	26.64 1.92 0.00	26.87 2.04 -0.01	25.29 1.97 0.00	27.30 1.98 -3.10	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.88 -23.21	54.43 2.52 -24.11	49.18 3.43 -8.03	115.55 2.94 -82.74	70.95 3.39 -32.18	39.65 3.26 -2.81	44.63 3.53 -3.59	45.43 2.91 -9.44	31.89 2.09 -7.78	26.75 2.28 -1.10	25.74 2.00 0.00
GOWANUS_GT2_5 24118	21.00 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.25 1.03 0.00	21.82 1.50 0.00	26.64 1.92 0.00	26.87 2.04 -0.01	25.29 1.97 0.00	27.30 1.98 -3.10	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.88 -23.21	54.43 2.52 -24.11	49.18 3.43 -8.03	115.55 2.94 -82.74	70.95 3.39 -32.18	39.65 3.26 -2.81	44.63 3.53 -3.59	45.43 2.91 -9.44	31.89 2.09 -7.78	26.75 2.28 -1.10	25.74 2.00 0.00
GOWANUS_GT2_6 24119	21.00 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.25 1.03 0.00	21.82 1.50 0.00	26.64 1.92 0.00	26.87 2.04 -0.01	25.29 1.97 0.00	27.30 1.98 -3.10	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.88 -23.21	54.43 2.52 -24.11	49.18 3.43 -8.03	115.55 2.94 -82.74	70.95 3.39 -32.18	39.65 3.26 -2.81	44.63 3.53 -3.59	45.43 2.91 -9.44	31.89 2.09 -7.78	26.75 2.28 -1.10	25.74 2.00 0.00
GOWANUS_GT2_7 24120	21.00 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.25 1.03 0.00	21.82 1.50 0.00	26.64 1.92 0.00	26.87 2.04 -0.01	25.29 1.97 0.00	27.30 1.98 -3.10	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.88 -23.21	54.43 2.52 -24.11	49.18 3.43 -8.03	115.55 2.94 -82.74	70.95 3.39 -32.18	39.65 3.26 -2.81	44.63 3.53 -3.59	45.43 2.91 -9.44	31.89 2.09 -7.78	26.75 2.28 -1.10	25.74 2.00 0.00

GOWANUS_GT2_8 24121	21.00 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.25 1.03 0.00	21.82 1.50 0.00	26.64 1.92 0.00	26.87 2.04 -0.01	25.29 1.97 0.00	27.30 1.98 -3.10	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.88 -23.21	54.43 2.52 -24.11	49.18 3.43 -8.03	115.55 2.94 -82.74	70.95 3.39 -32.18	39.65 3.26 -2.81	44.63 3.53 -3.59	45.43 2.91 -9.44	31.89 2.09 -7.78	26.75 2.28 -1.10	25.74 2.00 0.00
GOWANUS_GT3_1 24122	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
GOWANUS_GT3_2 24123	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
GOWANUS_GT3_3 24124	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
GOWANUS_GT3_4 24125	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
GOWANUS_GT3_5 24126	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
GOWANUS_GT3_6 24127	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
GOWANUS_GT3_7 24128	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
GOWANUS_GT3_8 24129	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
GOWANUS_GT4_1 24130	20.99 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.24 1.03 0.00	21.81 1.50 0.00	26.64 1.92 0.00	26.86 2.04 0.00	25.29 1.97 0.00	27.30 1.98 -3.09	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.87 -23.21	54.42 2.51 -24.11	49.19 3.44 -8.03	115.55 2.93 -82.74	70.96 3.40 -32.18	39.66 3.26 -2.81	44.63 3.53 -3.59	45.42 2.91 -9.44	31.88 2.09 -7.77	26.74 2.28 -1.10	25.74 2.00 0.00
GOWANUS_GT4_2 24131	20.99 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.24 1.03 0.00	21.81 1.50 0.00	26.64 1.92 0.00	26.86 2.04 0.00	25.29 1.97 0.00	27.30 1.98 -3.09	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.87 -23.21	54.42 2.51 -24.11	49.19 3.44 -8.03	115.55 2.93 -82.74	70.96 3.40 -32.18	39.66 3.26 -2.81	44.63 3.53 -3.59	45.42 2.91 -9.44	31.88 2.09 -7.77	26.74 2.28 -1.10	25.74 2.00 0.00
GOWANUS_GT4_3 24132	20.99 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.24 1.03 0.00	21.81 1.50 0.00	26.64 1.92 0.00	26.86 2.04 0.00	25.29 1.97 0.00	27.30 1.98 -3.09	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.87 -23.21	54.42 2.51 -24.11	49.19 3.44 -8.03	115.55 2.93 -82.74	70.96 3.40 -32.18	39.66 3.26 -2.81	44.63 3.53 -3.59	45.42 2.91 -9.44	31.88 2.09 -7.77	26.74 2.28 -1.10	25.74 2.00 0.00
GOWANUS_GT4_4 24133	20.99 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.24 1.03 0.00	21.81 1.50 0.00	26.64 1.92 0.00	26.86 2.04 0.00	25.29 1.97 0.00	27.30 1.98 -3.09	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.87 -23.21	54.42 2.51 -24.11	49.19 3.44 -8.03	115.55 2.93 -82.74	70.96 3.40 -32.18	39.66 3.26 -2.81	44.63 3.53 -3.59	45.42 2.91 -9.44	31.88 2.09 -7.77	26.74 2.28 -1.10	25.74 2.00 0.00
GOWANUS_GT4_5 24134	20.99 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.24 1.03 0.00	21.81 1.50 0.00	26.64 1.92 0.00	26.86 2.04 0.00	25.29 1.97 0.00	27.30 1.98 -3.09	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.87 -23.21	54.42 2.51 -24.11	49.19 3.44 -8.03	115.55 2.93 -82.74	70.96 3.40 -32.18	39.66 3.26 -2.81	44.63 3.53 -3.59	45.42 2.91 -9.44	31.88 2.09 -7.77	26.74 2.28 -1.10	25.74 2.00 0.00
GOWANUS_GT4_6 24135	20.99 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.24 1.03 0.00	21.81 1.50 0.00	26.64 1.92 0.00	26.86 2.04 0.00	25.29 1.97 0.00	27.30 1.98 -3.09	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.87 -23.21	54.42 2.51 -24.11	49.19 3.44 -8.03	115.55 2.93 -82.74	70.96 3.40 -32.18	39.66 3.26 -2.81	44.63 3.53 -3.59	45.42 2.91 -9.44	31.88 2.09 -7.77	26.74 2.28 -1.10	25.74 2.00 0.00

GOWANUS_GT4_7 24136	20.99 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.24 1.03 0.00	21.81 1.50 0.00	26.64 1.92 0.00	26.86 2.04 0.00	25.29 1.97 0.00	27.30 1.98 -3.09	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.87 -23.21	54.42 2.51 -24.11	49.19 3.44 -8.03	115.55 2.93 -82.74	70.96 3.40 -32.18	39.66 3.26 -2.81	44.63 3.53 -3.59	45.42 2.91 -9.44	31.88 2.09 -7.77	26.74 2.28 -1.10	25.74 2.00 0.00
GOWANUS_GT4_8 24137	20.99 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.44 0.89 0.00	19.24 1.03 0.00	21.81 1.50 0.00	26.64 1.92 0.00	26.86 2.04 0.00	25.29 1.97 0.00	27.30 1.98 -3.09	53.62 1.56 -35.17	36.77 1.62 -17.63	45.53 1.87 -23.21	54.42 2.51 -24.11	49.19 3.44 -8.03	115.55 2.93 -82.74	70.96 3.40 -32.18	39.66 3.26 -2.81	44.63 3.53 -3.59	45.42 2.91 -9.44	31.88 2.09 -7.77	26.74 2.28 -1.10	25.74 2.00 0.00
GREENBSH_115KV_TB3 55895	19.97 0.17 0.00	19.66 0.22 0.00	18.73 0.25 0.00	18.02 0.26 0.00	17.78 0.23 0.00	18.39 0.17 0.00	20.70 0.39 0.00	25.25 0.53 0.00	25.32 0.49 0.00	23.73 0.41 0.00	24.01 0.24 -1.54	31.58 0.02 -14.66	24.06 0.07 -6.47	27.66 0.10 -7.11	35.71 0.11 -7.80	41.03 0.16 -3.16	45.72 0.29 -15.55	34.27 0.46 1.57	35.17 0.62 -0.97	39.72 0.79 -1.41	37.06 0.80 -3.18	25.49 0.41 -3.06	24.27 0.50 -0.40	24.11 0.36 0.00
GREENDGE_115KV_TB5 80291	20.29 0.49 0.00	19.87 0.43 0.00	18.76 0.28 0.00	17.88 0.12 0.00	17.67 0.12 0.00	18.48 0.27 0.00	20.65 0.34 0.00	25.13 0.41 0.00	25.29 0.46 0.00	23.75 0.43 0.00	22.72 0.50 0.00	17.34 0.44 0.00	17.92 0.41 0.00	20.99 0.54 0.00	28.54 0.74 0.00	38.66 0.95 0.00	31.16 1.28 0.00	36.95 1.57 0.00	35.07 1.49 0.00	38.73 1.22 0.00	33.27 0.19 0.00	22.32 0.30 0.00	23.76 0.39 0.00	24.17 0.43 0.00
GREENIDGE___3 23582	20.29 0.49 0.00	19.87 0.43 0.00	18.76 0.28 0.00	17.88 0.12 0.00	17.67 0.12 0.00	18.48 0.27 0.00	20.65 0.34 0.00	25.13 0.41 0.00	25.29 0.46 0.00	23.75 0.43 0.00	22.72 0.50 0.00	17.34 0.44 0.00	17.92 0.41 0.00	20.99 0.54 0.00	28.54 0.74 0.00	38.66 0.95 0.00	31.16 1.28 0.00	36.95 1.57 0.00	35.07 1.49 0.00	38.73 1.22 0.00	33.27 0.19 0.00	22.32 0.30 0.00	23.76 0.39 0.00	24.17 0.43 0.00
GREENIDGE___4 23583	20.28 0.48 0.00	19.87 0.43 0.00	18.76 0.28 0.00	17.88 0.12 0.00	17.67 0.12 0.00	18.49 0.27 0.00	20.65 0.34 0.00	25.13 0.41 0.00	25.29 0.46 0.00	23.77 0.45 0.00	22.72 0.50 0.00	17.34 0.44 0.00	17.92 0.41 0.00	20.99 0.54 0.00	28.52 0.72 0.00	38.66 0.95 0.00	31.15 1.27 0.00	36.94 1.57 0.00	35.07 1.48 0.00	38.73 1.21 0.00	33.26 0.18 0.00	22.32 0.30 0.00	23.76 0.39 0.00	24.17 0.43 0.00
GREENLWN_69_KV_BK 3 55738	20.84 1.28 0.23	20.53 1.10 0.00	19.45 0.97 0.00	18.67 0.91 0.00	18.42 0.87 0.00	19.24 1.03 0.00	21.84 1.53 0.00	26.59 1.87 0.00	26.75 1.93 0.00	25.22 1.90 0.00	28.25 1.97 -4.05	60.79 1.56 -42.34	38.72 1.52 -19.68	45.33 1.62 -23.27	54.35 2.29 -24.25	51.03 3.22 -10.09	115.42 2.73 -82.81	72.57 3.33 -33.86	46.56 3.30 -9.68	142.60 3.57 -101.51	156.26 3.09 -120.10	45.06 2.09 -20.95	28.43 2.32 -2.75	29.75 2.16 -3.85
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.00 1.21 0.00	20.55 1.12 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.03 0.00	21.82 1.52 0.00	26.65 1.93 0.00	26.88 2.05 0.00	25.31 1.99 0.00	30.73 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.89 -23.21	54.45 2.53 -24.11	49.22 3.47 -8.03	115.58 2.96 -82.74	70.98 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.89 2.10 -7.77	26.76 2.30 -1.10	25.76 2.01 0.00
GRISSOM___SOLAR 323813	20.99 1.19 0.00	20.57 1.14 0.00	19.53 1.06 0.00	18.76 1.00 0.00	18.56 1.01 0.00	19.31 1.09 0.00	21.55 1.24 0.00	26.34 1.62 0.00	26.32 1.49 0.00	24.51 1.19 0.00	24.44 0.75 -1.47	31.27 0.42 -13.96	23.99 0.42 -6.05	27.46 0.34 -6.67	35.50 0.40 -7.30	41.24 0.59 -2.94	44.68 1.24 -13.56	35.50 2.34 2.22	37.27 2.79 -0.90	41.69 2.86 -1.31	38.47 2.36 -3.04	26.47 1.61 -2.84	25.28 1.54 -0.38	25.33 1.58 0.00
GROVEVILLE___HYD 323602	20.86 1.07 0.00	20.40 0.96 0.00	19.37 0.89 0.00	18.62 0.85 0.00	18.35 0.80 0.00	19.11 0.89 0.00	21.69 1.38 0.00	26.49 1.77 0.00	26.68 1.85 0.00	25.10 1.78 0.00	24.83 1.73 -0.88	34.99 1.34 -16.76	38.20 1.40 -19.28	44.99 1.67 -22.88	53.83 2.32 -23.70	48.84 3.23 -7.89	113.20 2.85 -80.46	69.66 3.41 -30.87	39.64 3.30 -2.76	44.69 3.65 -3.52	39.34 3.04 -3.22	31.66 2.00 -7.64	26.20 2.12 -0.71	25.55 1.81 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.04 0.24 0.00	19.65 0.21 0.00	18.65 0.17 0.00	17.87 0.11 0.00	17.65 0.10 0.00	18.33 0.11 0.00	20.38 0.07 0.00	24.75 0.03 0.00	24.84 0.01 0.00	23.30 -0.01 0.00	22.26 0.03 0.00	17.00 0.11 0.00	17.62 0.10 0.00	20.54 0.09 0.00	27.98 0.18 0.00	37.95 0.23 0.00	30.32 0.44 0.00	36.02 0.64 0.00	34.24 0.65 0.00	37.98 0.47 0.00	33.18 0.11 0.00	22.07 0.06 0.00	23.44 0.08 0.00	23.93 0.18 0.00
HAMLTNNY_34_KV_TB 80303	19.93 0.14 0.00	19.53 0.09 0.00	18.55 0.07 0.00	17.77 0.01 0.00	17.55 -0.01 0.00	18.24 0.03 0.00	20.29 -0.02 0.00	24.63 -0.09 0.00	24.74 -0.09 0.00	23.19 -0.13 0.00	22.14 -0.09 0.00	16.93 0.04 0.00	17.56 0.04 0.00	20.49 0.04 0.00	27.89 0.09 0.00	37.83 0.11 0.00	30.24 0.36 0.00	35.95 0.58 0.00	34.13 0.54 0.00	37.83 0.31 0.00	33.00 -0.08 0.00	21.96 -0.05 0.00	23.33 -0.04 0.00	23.84 0.10 0.00
HAMPSHIRE___PAPER_HYD 323593	19.98 0.19 0.00	19.69 0.25 0.00	18.73 0.25 0.00	18.05 0.29 0.00	17.92 0.36 0.00	18.63 0.41 0.00	20.81 0.50 0.00	25.37 0.64 0.00	25.35 0.52 0.00	23.66 0.34 0.00	22.50 0.27 0.00	17.11 0.22 0.00	17.72 0.20 0.00	20.70 0.26 0.00	28.14 0.34 0.00	38.25 0.54 0.00	30.19 0.31 0.00	35.83 0.45 0.00	33.70 0.12 0.00	37.96 0.44 0.00	33.10 0.03 0.00	22.03 0.02 0.00	23.31 -0.05 0.00	23.76 0.01 0.00
HARDSCRABBLE_WT_PWR 323673	20.08 0.28 0.00	19.74 0.30 0.00	18.80 0.33 0.00	18.07 0.31 0.00	17.84 0.29 0.00	18.47 0.25 0.00	20.67 0.35 0.00	25.26 0.54 0.00	25.26 0.43 0.00	23.54 0.22 0.00	22.24 0.02 0.00	16.76 -0.13 0.00	17.35 -0.16 0.00	20.25 -0.20 0.00	27.59 -0.21 0.00	37.46 -0.25 0.00	29.87 -0.01 0.00	35.80 0.42 0.00	34.07 0.49 0.00	38.05 0.53 0.00	33.74 0.66 0.00	22.51 0.49 0.00	23.86 0.49 0.00	24.07 0.33 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.73 0.93 0.00	20.28 0.84 0.00	19.23 0.75 0.00	18.46 0.70 0.00	18.21 0.65 0.00	18.95 0.73 0.00	21.43 1.12 0.00	26.17 1.45 0.00	26.36 1.53 0.00	24.81 1.49 0.00	19.10 1.48 4.61	-7.37 1.17 25.44	42.28 1.25 -23.51	49.57 1.51 -27.62	58.67 2.09 -28.78	50.39 2.89 -9.79	119.03 2.52 -86.63	65.54 2.96 -27.20	39.76 2.87 -3.31	44.97 3.08 -4.37	28.22 2.48 7.33	33.14 1.66 -9.47	25.33 1.76 -0.20	25.26 1.51 0.00

HARSNRAD_115KV_TB1 81005	19.81 0.01 0.00	19.48 0.04 0.00	18.27 -0.21 0.00	17.14 -0.62 0.00	16.97 -0.59 0.00	17.86 -0.36 0.00	19.66 -0.66 0.00	23.61 -1.11 0.00	24.21 -0.62 0.00	22.98 -0.34 0.00	22.14 -0.09 0.00	17.01 0.11 0.00	17.59 0.07 0.00	20.64 0.19 0.00	28.10 0.30 0.00	37.95 0.23 0.00	30.94 1.06 0.00	36.59 1.22 0.00	34.73 1.15 0.00	37.72 0.21 0.00	31.71 -1.37 0.00	21.30 -0.72 0.00	22.80 -0.56 0.00	23.51 -0.24 0.00
HARZA MOOSE__RIVER 24016	20.30 0.50 0.00	19.98 0.54 0.00	19.00 0.53 0.00	18.28 0.52 0.00	18.09 0.54 0.00	18.79 0.57 0.00	20.99 0.68 0.00	25.57 0.84 0.00	25.56 0.73 0.00	23.85 0.53 0.00	22.67 0.45 0.00	17.24 0.35 0.00	17.85 0.34 0.00	20.86 0.41 0.00	28.40 0.60 0.00	38.61 0.90 0.00	30.78 0.90 0.00	36.71 1.33 0.00	34.94 1.35 0.00	38.92 1.41 0.00	33.64 0.56 0.00	22.28 0.26 0.00	23.58 0.21 0.00	24.04 0.30 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.88 0.08 0.00	19.50 0.06 0.00	18.50 0.02 0.00	17.72 -0.05 0.00	17.50 -0.05 0.00	18.18 -0.04 0.00	20.24 -0.07 0.00	24.58 -0.14 0.00	24.68 -0.14 0.00	23.19 -0.13 0.00	22.16 -0.06 0.00	16.90 0.01 0.00	17.51 -0.01 0.00	20.41 -0.04 0.00	27.80 0.00 0.00	37.71 0.00 0.00	30.13 0.25 0.00	35.73 0.35 0.00	33.98 0.39 0.00	37.70 0.19 0.00	32.90 -0.18 0.00	21.90 -0.11 0.00	23.30 -0.07 0.00	23.79 0.05 0.00
HELLGATE_13_KV_LD 55870	20.94 1.15 0.00	20.49 1.05 0.00	19.42 0.94 0.00	18.66 0.90 0.00	18.40 0.85 0.00	19.19 0.97 0.00	21.76 1.44 0.00	26.57 1.84 0.00	26.81 1.98 0.00	25.22 1.90 0.00	30.67 1.94 -6.51	62.30 1.50 -43.91	40.35 1.57 -21.27	45.47 1.81 -23.21	54.34 2.42 -24.11	49.01 3.27 -8.03	115.40 2.79 -82.74	70.79 3.23 -32.18	39.54 3.14 -2.81	44.51 3.40 -3.59	45.35 2.84 -9.44	31.82 2.03 -7.77	26.67 2.20 -1.10	25.67 1.92 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.94 1.15 0.00	20.49 1.05 0.00	19.42 0.94 0.00	18.66 0.90 0.00	18.40 0.85 0.00	19.19 0.97 0.00	21.76 1.44 0.00	26.57 1.84 0.00	26.81 1.98 0.00	25.22 1.90 0.00	30.67 1.94 -6.51	62.30 1.50 -43.91	40.35 1.57 -21.27	45.47 1.81 -23.21	54.34 2.42 -24.11	49.01 3.27 -8.03	115.40 2.79 -82.74	70.79 3.23 -32.18	39.54 3.14 -2.81	44.51 3.40 -3.59	45.35 2.84 -9.44	31.82 2.03 -7.77	26.67 2.20 -1.10	25.67 1.92 0.00
HEMPSTEAD____ 23647	21.04 1.25 0.00	20.51 1.07 0.00	19.42 0.95 0.00	18.64 0.88 0.00	18.39 0.84 0.00	19.21 1.00 0.00	21.81 1.50 0.00	26.59 1.86 0.00	26.79 1.96 0.00	25.24 1.92 0.00	28.27 1.99 -4.05	60.82 1.59 -42.34	38.78 1.58 -19.68	45.45 1.74 -23.27	54.53 2.47 -24.25	51.24 3.43 -10.09	115.58 2.89 -82.81	72.68 3.44 -33.86	46.60 3.34 -9.68	142.72 3.69 -101.51	156.33 3.15 -120.10	50.40 2.16 -26.23	28.49 2.37 -2.75	29.71 2.12 -3.85
HEWLETT__69_KV_BK3 55828	21.20 1.40 0.00	20.68 1.24 0.00	19.59 1.11 0.00	18.80 1.03 0.00	18.55 0.99 0.00	19.37 1.15 0.00	21.92 1.61 0.00	26.69 1.97 0.00	26.90 2.07 0.00	25.37 2.05 0.00	28.38 2.10 -4.05	60.90 1.67 -42.34	38.83 1.64 -19.68	45.57 1.85 -23.27	54.71 2.66 -24.25	51.47 3.67 -10.09	115.79 3.10 -82.81	72.94 3.70 -33.86	46.85 3.59 -9.68	143.07 4.04 -101.51	156.58 3.41 -120.10	65.92 2.34 -41.57	28.62 2.51 -2.75	29.86 2.27 -3.85
HICKLING__1 23621	20.38 0.58 0.00	19.93 0.49 0.00	18.80 0.32 0.00	17.91 0.15 0.00	17.70 0.15 0.00	18.57 0.35 0.00	20.83 0.51 0.00	25.35 0.63 0.00	25.56 0.73 0.00	24.10 0.78 0.00	23.09 0.87 0.00	17.61 0.71 0.00	18.16 0.64 0.00	21.28 0.83 0.00	29.19 1.39 0.00	39.43 1.71 0.00	31.82 1.94 0.00	37.43 2.06 0.00	35.34 1.76 0.00	39.00 1.49 0.00	33.36 0.29 0.00	22.35 0.34 0.00	23.87 0.50 0.00	24.27 0.53 0.00
HICKLING__2 23622	20.38 0.58 0.00	19.93 0.49 0.00	18.80 0.32 0.00	17.91 0.15 0.00	17.70 0.15 0.00	18.57 0.35 0.00	20.83 0.51 0.00	25.35 0.63 0.00	25.56 0.73 0.00	24.10 0.78 0.00	23.09 0.87 0.00	17.61 0.71 0.00	18.16 0.64 0.00	21.28 0.83 0.00	29.19 1.39 0.00	39.43 1.71 0.00	31.82 1.94 0.00	37.43 2.06 0.00	35.34 1.76 0.00	39.00 1.49 0.00	33.36 0.29 0.00	22.35 0.34 0.00	23.87 0.50 0.00	24.27 0.53 0.00
HIGH FALLS__HY 23754	20.84 1.04 0.00	20.35 0.92 0.00	19.31 0.84 0.00	18.54 0.78 0.00	18.27 0.71 0.00	19.03 0.81 0.00	21.82 1.51 0.00	26.72 2.00 0.00	26.96 2.14 0.00	25.37 2.05 0.00	24.22 2.00 0.00	1.00 1.60 17.50	-14.04 1.66 33.22	37.52 1.97 -15.10	45.81 2.71 -15.30	46.70 3.85 -5.14	85.52 3.43 -52.22	59.52 4.18 -19.97	39.46 4.08 -1.79	44.61 4.81 -2.29	37.60 3.85 -0.67	29.57 2.58 -4.97	26.40 2.65 -0.38	25.64 1.90 0.00
HILLBURN__GT 23639	20.66 0.86 0.00	20.22 0.78 0.00	19.16 0.69 0.00	18.41 0.65 0.00	18.15 0.60 0.00	18.89 0.67 0.00	21.34 1.03 0.00	26.07 1.34 0.00	26.28 1.45 0.00	24.73 1.41 0.00	18.65 1.43 5.01	-9.50 1.15 27.54	44.67 1.21 -25.95	52.34 1.43 -30.46	61.47 1.95 -31.72	51.17 2.65 -10.81	126.51 2.29 -94.34	66.94 2.65 -28.91	39.83 2.60 -3.65	45.17 2.83 -4.83	27.37 2.27 7.97	34.01 1.53 -10.46	25.27 1.67 -0.23	25.17 1.43 0.00
HILLSIDE_115KV_TB1 80332	20.05 0.25 0.00	19.61 0.17 0.00	18.52 0.04 0.00	17.68 -0.08 0.00	17.46 -0.10 0.00	18.29 0.07 0.00	20.50 0.19 0.00	24.97 0.24 0.00	25.17 0.34 0.00	23.73 0.41 0.00	22.73 0.51 0.00	17.34 0.45 0.00	17.87 0.36 0.00	20.94 0.49 0.00	28.73 0.93 0.00	38.79 1.08 0.00	31.26 1.38 0.00	36.70 1.33 0.00	34.60 1.02 0.00	38.31 0.80 0.00	32.91 -0.17 0.00	22.09 0.07 0.00	23.58 0.22 0.00	23.96 0.22 0.00
HISHELDN_WT_PWR 323625	20.16 0.36 0.00	19.78 0.34 0.00	18.57 0.10 0.00	17.50 -0.26 0.00	17.31 -0.24 0.00	18.22 0.00 0.00	20.18 -0.13 0.00	24.39 -0.34 0.00	24.87 0.04 0.00	23.62 0.30 0.00	22.71 0.48 0.00	17.40 0.51 0.00	17.97 0.45 0.00	21.08 0.63 0.00	28.77 0.96 0.00	38.83 1.11 0.00	31.54 1.66 0.00	37.21 1.83 0.00	35.18 1.59 0.00	38.26 0.74 0.00	32.17 -0.91 0.00	21.61 -0.41 0.00	23.13 -0.24 0.00	23.65 -0.09 0.00
HOLTSVILLE_IC_1 23690	23.17 1.53 -1.84	20.73 1.29 0.00	19.63 1.16 0.00	18.84 1.08 0.00	18.58 1.03 0.00	19.47 1.25 0.00	22.17 1.86 0.00	27.01 2.29 0.00	27.17 2.34 0.00	25.58 2.26 0.00	28.57 2.29 -4.05	61.03 1.80 -42.34	39.00 1.80 -19.68	45.58 1.86 -23.27	54.63 2.57 -24.25	51.43 3.63 -10.09	115.66 2.97 -82.81	72.99 3.75 -33.86	47.06 3.80 -9.68	143.09 4.07 -101.51	156.83 3.65 -120.10	45.28 2.46 -20.81	28.76 2.65 -2.75	30.08 2.49 -3.85
HOLTSVILLE_IC_10 23699	23.20 1.63 -1.77	20.81 1.37 0.00	19.71 1.24 0.00	18.90 1.15 0.00	18.65 1.10 0.00	19.55 1.34 0.00	22.29 1.99 0.00	27.18 2.46 0.00	27.34 2.51 0.00	25.74 2.42 0.00	28.71 2.43 -4.05	61.15 1.92 -42.34	39.12 1.93 -19.68	45.73 2.02 -23.27	54.82 2.77 -24.25	51.65 3.85 -10.09	115.84 3.15 -82.81	73.22 3.99 -33.86	47.34 4.08 -9.68	143.39 4.36 -101.51	157.06 3.88 -120.10	45.52 2.60 -20.90	28.91 2.80 -2.75	30.23 2.64 -3.85

HOLTSVILLE_IC_2 23691	23.17 1.53 -1.84	20.73 1.29 0.00	19.63 1.16 0.00	18.84 1.08 0.00	18.58 1.03 0.00	19.47 1.25 0.00	22.17 1.86 0.00	27.01 2.29 0.00	27.17 2.34 0.00	25.58 2.26 0.00	28.57 2.29 -4.05	61.03 1.80 -42.34	39.00 1.80 -19.68	45.58 1.86 -23.27	54.63 2.57 -24.25	51.43 3.63 -10.09	115.66 2.97 -82.81	72.99 3.75 -33.86	47.06 3.80 -9.68	143.09 4.07 -101.51	156.83 3.65 -120.10	45.28 2.46 -20.81	28.76 2.65 -2.75	30.08 2.49 -3.85
HOLTSVILLE_IC_3 23692	23.17 1.53 -1.84	20.73 1.29 0.00	19.63 1.16 0.00	18.84 1.08 0.00	18.58 1.03 0.00	19.47 1.25 0.00	22.17 1.86 0.00	27.01 2.29 0.00	27.17 2.34 0.00	25.58 2.26 0.00	28.57 2.29 -4.05	61.03 1.80 -42.34	39.00 1.80 -19.68	45.58 1.86 -23.27	54.63 2.57 -24.25	51.43 3.63 -10.09	115.66 2.97 -82.81	72.99 3.75 -33.86	47.06 3.80 -9.68	143.09 4.07 -101.51	156.83 3.65 -120.10	45.28 2.46 -20.81	28.76 2.65 -2.75	30.08 2.49 -3.85
HOLTSVILLE_IC_4 23693	23.17 1.53 -1.84	20.73 1.29 0.00	19.63 1.16 0.00	18.84 1.08 0.00	18.58 1.03 0.00	19.47 1.25 0.00	22.17 1.86 0.00	27.01 2.29 0.00	27.17 2.34 0.00	25.58 2.26 0.00	28.57 2.29 -4.05	61.03 1.80 -42.34	39.00 1.80 -19.68	45.58 1.86 -23.27	54.63 2.57 -24.25	51.43 3.63 -10.09	115.66 2.97 -82.81	72.99 3.75 -33.86	47.06 3.80 -9.68	143.09 4.07 -101.51	156.83 3.65 -120.10	45.28 2.46 -20.81	28.76 2.65 -2.75	30.08 2.49 -3.85
HOLTSVILLE_IC_5 23694	23.17 1.53 -1.84	20.73 1.29 0.00	19.63 1.16 0.00	18.84 1.08 0.00	18.58 1.03 0.00	19.47 1.25 0.00	22.17 1.86 0.00	27.01 2.29 0.00	27.17 2.34 0.00	25.58 2.26 0.00	28.57 2.29 -4.05	61.03 1.80 -42.34	39.00 1.80 -19.68	45.58 1.86 -23.27	54.63 2.57 -24.25	51.43 3.63 -10.09	115.66 2.97 -82.81	72.99 3.75 -33.86	47.06 3.80 -9.68	143.09 4.07 -101.51	156.83 3.65 -120.10	45.28 2.46 -20.81	28.76 2.65 -2.75	30.08 2.49 -3.85
HOLTSVILLE_IC_6 23695	23.20 1.63 -1.77	20.81 1.37 0.00	19.71 1.24 0.00	18.90 1.15 0.00	18.65 1.10 0.00	19.55 1.34 0.00	22.29 1.99 0.00	27.18 2.46 0.00	27.34 2.51 0.00	25.74 2.42 0.00	28.71 2.43 -4.05	61.15 1.92 -42.34	39.12 1.93 -19.68	45.73 2.02 -23.27	54.82 2.77 -24.25	51.65 3.85 -10.09	115.84 3.15 -82.81	73.22 3.99 -33.86	47.34 4.08 -9.68	143.39 4.36 -101.51	157.06 3.88 -120.10	45.52 2.60 -20.90	28.91 2.80 -2.75	30.23 2.64 -3.85
HOLTSVILLE_IC_7 23696	23.20 1.63 -1.77	20.81 1.37 0.00	19.71 1.24 0.00	18.90 1.15 0.00	18.65 1.10 0.00	19.55 1.34 0.00	22.29 1.99 0.00	27.18 2.46 0.00	27.34 2.51 0.00	25.74 2.42 0.00	28.71 2.43 -4.05	61.15 1.92 -42.34	39.12 1.93 -19.68	45.73 2.02 -23.27	54.82 2.77 -24.25	51.65 3.85 -10.09	115.84 3.15 -82.81	73.22 3.99 -33.86	47.34 4.08 -9.68	143.39 4.36 -101.51	157.06 3.88 -120.10	45.52 2.60 -20.90	28.91 2.80 -2.75	30.23 2.64 -3.85
HOLTSVILLE_IC_8 23697	23.20 1.63 -1.77	20.81 1.37 0.00	19.71 1.24 0.00	18.90 1.15 0.00	18.65 1.10 0.00	19.55 1.34 0.00	22.29 1.99 0.00	27.18 2.46 0.00	27.34 2.51 0.00	25.74 2.42 0.00	28.71 2.43 -4.05	61.15 1.92 -42.34	39.12 1.93 -19.68	45.73 2.02 -23.27	54.82 2.77 -24.25	51.65 3.85 -10.09	115.84 3.15 -82.81	73.22 3.99 -33.86	47.34 4.08 -9.68	143.39 4.36 -101.51	157.06 3.88 -120.10	45.52 2.60 -20.90	28.91 2.80 -2.75	30.23 2.64 -3.85
HOLTSVILLE_IC_9 23698	23.20 1.63 -1.77	20.81 1.37 0.00	19.71 1.24 0.00	18.90 1.15 0.00	18.65 1.10 0.00	19.55 1.34 0.00	22.29 1.99 0.00	27.18 2.46 0.00	27.34 2.51 0.00	25.74 2.42 0.00	28.71 2.43 -4.05	61.15 1.92 -42.34	39.12 1.93 -19.68	45.73 2.02 -23.27	54.82 2.77 -24.25	51.65 3.85 -10.09	115.84 3.15 -82.81	73.22 3.99 -33.86	47.34 4.08 -9.68	143.39 4.36 -101.51	157.06 3.88 -120.10	45.52 2.60 -20.90	28.91 2.80 -2.75	30.23 2.64 -3.85
HOMER_HL_115KV_TB2 355744	20.81 1.01 0.00	20.40 0.96 0.00	19.17 0.69 0.00	18.10 0.33 0.00	17.92 0.37 0.00	18.94 0.72 0.00	21.07 0.75 0.00	25.55 0.83 0.00	26.06 1.23 0.00	24.74 1.42 0.00	23.83 1.61 0.00	18.25 1.35 0.00	18.83 1.31 0.00	22.12 1.67 0.00	30.16 2.35 0.00	40.57 2.86 0.00	32.91 3.03 0.00	38.57 3.19 0.00	36.42 2.84 0.00	40.00 2.48 0.00	33.83 0.75 0.00	22.75 0.74 0.00	24.32 0.96 0.00	24.80 1.05 0.00
HOWARD_WT_PWR 323690	20.62 0.82 0.00	20.19 0.75 0.00	18.99 0.52 0.00	18.00 0.24 0.00	17.80 0.25 0.00	18.71 0.50 0.00	20.85 0.54 0.00	25.34 0.62 0.00	25.60 0.77 0.00	24.12 0.80 0.00	23.11 0.88 0.00	17.61 0.72 0.00	18.12 0.61 0.00	21.24 0.79 0.00	29.03 1.23 0.00	39.26 1.54 0.00	31.77 1.89 0.00	37.43 2.05 0.00	35.42 1.84 0.00	38.77 1.25 0.00	32.71 -0.37 0.00	21.80 -0.22 0.00	23.47 0.11 0.00	24.07 0.33 0.00
HQ_GEN_CEDARS 23644	19.59 -0.20 0.00	19.28 -0.16 0.00	18.31 -0.17 0.00	17.67 -0.09 0.00	17.53 -0.03 0.00	18.21 -0.01 0.00	20.21 -0.09 0.00	24.65 -0.08 0.00	24.73 -0.10 0.00	23.21 -0.11 0.00	22.11 -0.11 0.00	16.82 -0.08 0.00	17.42 -0.10 0.00	20.34 -0.10 0.00	27.63 -0.17 0.00	37.52 -0.19 0.00	29.24 -0.64 0.00	34.50 -0.87 0.00	32.16 -1.42 0.00	36.72 -0.79 0.00	32.67 -0.41 0.00	21.79 -0.22 0.00	23.05 -0.32 0.00	23.44 -0.30 0.00
HQ_GEN_CEDARS_PROXY 323590	19.59 -0.20 0.00	19.45 -0.16 -0.17	18.31 -0.17 0.00	17.67 -0.09 0.00	17.53 -0.02 0.00	18.21 -0.01 0.00	20.22 -0.09 0.00	24.65 -0.08 0.00	24.73 -0.10 0.00	23.20 -0.11 0.00	22.12 -0.11 0.00	16.82 -0.08 0.00	17.42 -0.09 0.00	20.34 -0.10 0.00	27.64 -0.17 0.00	37.52 -0.19 0.00	29.24 -0.64 0.00	34.50 -0.87 0.00	32.16 -1.42 0.00	36.72 -0.79 0.00	32.67 -0.41 0.00	21.79 -0.22 0.00	23.05 -0.31 0.00	23.44 -0.30 0.00
HQ_GEN_IMPORT 323601	19.57 -0.22 0.00	19.24 -0.20 0.00	18.28 -0.19 0.00	17.61 -0.15 0.00	17.44 -0.11 0.00	18.11 -0.11 0.00	20.10 -0.22 0.00	24.58 -0.24 -0.10	24.58 -0.25 0.00	23.10 -0.22 0.00	22.01 -0.22 0.00	16.73 -0.17 0.00	17.34 -0.18 0.00	20.24 -0.21 0.00	27.51 -0.30 0.00	37.32 -0.39 0.00	29.29 -0.59 0.00	34.59 -0.79 0.00	32.70 -0.88 0.00	32.43 -0.78 4.30	32.66 -0.42 0.00	21.75 -0.27 0.00	23.03 -0.34 0.00	23.42 -0.32 0.00
HQ_GEN_WHEEL 23651	19.57 -0.22 0.00	19.24 -0.20 0.00	18.28 -0.19 0.00	17.61 -0.15 0.00	17.44 -0.11 0.00	18.11 -0.11 0.00	20.10 -0.22 0.00	24.58 -0.24 -0.10	24.58 -0.25 0.00	23.10 -0.22 0.00	22.01 -0.22 0.00	16.73 -0.17 0.00	17.34 -0.18 0.00	20.24 -0.21 0.00	27.51 -0.30 0.00	37.32 -0.39 0.00	29.29 -0.59 0.00	34.59 -0.79 0.00	32.70 -0.88 0.00	32.43 -0.78 4.30	32.66 -0.42 0.00	21.75 -0.27 0.00	23.03 -0.34 0.00	23.42 -0.32 0.00
HUDSON_AVE_GT_3 23810	20.96 1.16 0.00	20.48 1.04 0.00	19.41 0.93 0.00	18.64 0.88 0.00	18.38 0.83 0.00	19.17 0.95 0.00	21.73 1.42 0.00	26.56 1.83 0.00	26.80 1.97 0.00	25.26 1.94 0.00	28.20 1.94 -4.04	60.92 1.52 -42.50	38.73 1.58 -19.63	45.50 1.84 -23.21	54.42 2.50 -24.11	49.13 3.38 -8.03	115.53 2.92 -82.74	70.87 3.30 -32.18	39.57 3.18 -2.81	44.58 3.47 -3.59	45.40 2.89 -9.44	31.79 2.00 -7.77	26.65 2.19 -1.10	25.66 1.92 0.00

HUDSON AVE_GT_4 23540	20.96 1.16 0.00	20.48 1.04 0.00	19.41 0.93 0.00	18.64 0.88 0.00	18.38 0.83 0.00	19.17 0.95 0.00	21.73 1.42 0.00	26.56 1.83 0.00	26.80 1.97 0.00	25.26 1.94 0.00	28.20 1.94 -4.04	60.92 1.52 -42.50	38.73 1.58 -19.63	45.50 1.84 -23.21	54.42 2.50 -24.11	49.13 3.38 -8.03	115.53 2.92 -82.74	70.87 3.30 -32.18	39.57 3.18 -2.81	44.58 3.47 -3.59	45.40 2.89 -9.44	31.79 2.00 -7.77	26.65 2.19 -1.10	25.66 1.92 0.00
HUDSON AVE_GT_5 23657	20.96 1.16 0.00	20.48 1.04 0.00	19.41 0.93 0.00	18.64 0.88 0.00	18.38 0.83 0.00	19.17 0.95 0.00	21.73 1.42 0.00	26.56 1.83 0.00	26.80 1.97 0.00	25.26 1.94 0.00	28.20 1.94 -4.04	60.92 1.52 -42.50	38.73 1.58 -19.63	45.50 1.84 -23.21	54.42 2.50 -24.11	49.13 3.38 -8.03	115.53 2.92 -82.74	70.87 3.30 -32.18	39.57 3.18 -2.81	44.58 3.47 -3.59	45.40 2.89 -9.44	31.79 2.00 -7.77	26.65 2.19 -1.10	25.66 1.92 0.00
HUDSON_AVE_10 24168	20.96 1.17 0.00	20.49 1.05 0.00	19.41 0.94 0.00	18.65 0.89 0.00	18.40 0.85 0.00	19.17 0.96 0.00	21.73 1.42 0.00	26.60 1.87 -0.01	26.85 2.01 -0.02	25.30 1.97 -0.01	28.23 1.97 -4.04	60.94 1.54 -42.50	38.74 1.59 -19.63	45.51 1.84 -23.21	54.42 2.50 -24.11	49.16 3.41 -8.03	115.55 2.93 -82.74	70.89 3.33 -32.18	39.60 3.20 -2.81	44.58 3.48 -3.59	45.41 2.90 -9.44	31.80 2.01 -7.77	26.67 2.20 -1.10	25.67 1.92 0.00
HUDSON___115KV_TB 4 355613	20.32 0.52 0.00	20.01 0.57 0.00	19.07 0.59 0.00	18.35 0.58 0.00	18.10 0.55 0.00	18.73 0.51 0.00	21.11 0.80 0.00	25.77 1.05 0.00	25.80 0.97 0.00	24.11 0.79 0.00	24.01 0.48 -1.31	-31.44 0.14 48.47	-98.59 0.20 116.31	29.32 0.27 -8.60	37.42 0.38 -9.23	41.80 0.55 -3.54	51.67 0.72 -21.07	37.80 1.13 -1.30	36.07 1.37 -1.12	40.76 1.66 -1.58	37.44 1.53 -2.84	26.31 0.87 -3.42	24.73 0.96 -0.40	24.54 0.79 0.00
HUNTER MOUNT___DRP 323613	20.38 0.58 0.00	20.09 0.65 0.00	19.16 0.68 0.00	18.43 0.67 0.00	18.19 0.64 0.00	18.81 0.60 0.00	21.23 0.92 0.00	25.92 1.19 0.00	25.91 1.08 0.00	24.14 0.82 0.00	23.70 0.42 -1.05	-60.72 0.06 77.67	-153.28 0.12 170.92	30.88 0.19 -10.24	38.91 0.29 -10.82	42.12 0.42 -3.98	58.35 0.65 -27.82	41.39 1.14 -4.87	36.30 1.43 -1.29	41.04 1.74 -1.78	37.16 1.61 -2.47	26.77 0.90 -3.86	24.75 0.97 -0.41	24.57 0.82 0.00
HUNTINGTON_RES_REC 323705	20.46 1.43 0.77	20.63 1.19 0.00	19.54 1.06 0.00	18.75 0.99 0.00	18.49 0.94 0.00	19.36 1.14 0.00	22.06 1.75 0.00	26.88 2.15 0.00	27.03 2.21 0.00	25.47 2.15 0.00	28.47 2.19 -4.05	60.95 1.72 -42.34	38.90 1.70 -19.68	45.51 1.79 -23.27	54.57 2.52 -24.25	51.36 3.56 -10.09	115.68 2.99 -82.81	72.95 3.72 -33.86	46.97 3.71 -9.68	143.00 3.97 -101.51	156.66 3.48 -120.10	45.21 2.35 -20.84	28.68 2.57 -2.75	30.01 2.41 -3.85
HUNTLEY___63 23557	20.08 0.28 0.00	19.73 0.30 0.00	18.51 0.04 0.00	17.37 -0.39 0.00	17.19 -0.36 0.00	18.10 -0.12 0.00	19.94 -0.37 0.00	23.97 -0.75 0.00	24.56 -0.27 0.00	23.34 0.02 0.00	22.49 0.27 0.00	17.31 0.41 0.00	17.91 0.39 0.00	21.05 0.60 0.00	28.69 0.89 0.00	38.72 1.00 0.00	31.53 1.65 0.00	37.24 1.86 0.00	35.29 1.70 0.00	38.32 0.80 0.00	32.17 -0.91 0.00	21.62 -0.40 0.00	23.16 -0.21 0.00	23.75 0.01 0.00
HUNTLEY___64 23558	20.08 0.28 0.00	19.73 0.30 0.00	18.51 0.04 0.00	17.37 -0.39 0.00	17.19 -0.36 0.00	18.10 -0.12 0.00	19.94 -0.37 0.00	23.97 -0.75 0.00	24.56 -0.27 0.00	23.34 0.02 0.00	22.49 0.27 0.00	17.31 0.41 0.00	17.91 0.39 0.00	21.05 0.60 0.00	28.69 0.89 0.00	38.72 1.00 0.00	31.53 1.65 0.00	37.24 1.86 0.00	35.29 1.70 0.00	38.32 0.80 0.00	32.17 -0.91 0.00	21.62 -0.40 0.00	23.16 -0.21 0.00	23.75 0.01 0.00
HUNTLEY___65 23559	20.08 0.28 0.00	19.73 0.30 0.00	18.51 0.04 0.00	17.37 -0.39 0.00	17.19 -0.36 0.00	18.10 -0.12 0.00	19.94 -0.37 0.00	23.97 -0.75 0.00	24.56 -0.27 0.00	23.34 0.02 0.00	22.49 0.27 0.00	17.31 0.41 0.00	17.91 0.39 0.00	21.05 0.60 0.00	28.69 0.89 0.00	38.72 1.00 0.00	31.53 1.65 0.00	37.24 1.86 0.00	35.29 1.70 0.00	38.32 0.80 0.00	32.17 -0.91 0.00	21.62 -0.40 0.00	23.16 -0.21 0.00	23.75 0.01 0.00
HUNTLEY___66 23560	20.08 0.28 0.00	19.73 0.30 0.00	18.51 0.04 0.00	17.37 -0.39 0.00	17.19 -0.36 0.00	18.10 -0.12 0.00	19.94 -0.37 0.00	23.97 -0.75 0.00	24.56 -0.27 0.00	23.34 0.02 0.00	22.49 0.27 0.00	17.31 0.41 0.00	17.91 0.39 0.00	21.05 0.60 0.00	28.69 0.89 0.00	38.72 1.00 0.00	31.53 1.65 0.00	37.24 1.86 0.00	35.29 1.70 0.00	38.32 0.80 0.00	32.17 -0.91 0.00	21.62 -0.40 0.00	23.16 -0.21 0.00	23.75 0.01 0.00
HUNTLEY___67 23561	19.96 0.16 0.00	19.62 0.18 0.00	18.40 -0.08 0.00	17.27 -0.49 0.00	17.09 -0.46 0.00	17.99 -0.22 0.00	19.85 -0.46 0.00	23.91 -0.81 0.00	24.49 -0.33 0.00	23.26 -0.06 0.00	22.41 0.19 0.00	17.21 0.31 0.00	17.78 0.26 0.00	20.87 0.42 0.00	28.45 0.65 0.00	38.43 0.72 0.00	31.29 1.42 0.00	36.94 1.56 0.00	35.00 1.41 0.00	38.06 0.55 0.00	32.00 -1.07 0.00	21.50 -0.52 0.00	23.02 -0.35 0.00	23.58 -0.16 0.00
HUNTLEY___68 23562	19.96 0.16 0.00	19.62 0.18 0.00	18.40 -0.08 0.00	17.27 -0.49 0.00	17.09 -0.46 0.00	17.99 -0.22 0.00	19.85 -0.46 0.00	23.91 -0.81 0.00	24.49 -0.33 0.00	23.26 -0.06 0.00	22.41 0.19 0.00	17.21 0.31 0.00	17.78 0.26 0.00	20.87 0.42 0.00	28.45 0.65 0.00	38.43 0.72 0.00	31.29 1.42 0.00	36.94 1.56 0.00	35.00 1.41 0.00	38.06 0.55 0.00	32.00 -1.07 0.00	21.50 -0.52 0.00	23.02 -0.35 0.00	23.58 -0.16 0.00
HYLAND___LFGE 323620	21.02 1.22 0.00	20.54 1.11 0.00	19.33 0.85 0.00	18.32 0.56 0.00	18.12 0.57 0.00	19.08 0.86 0.00	21.38 1.06 0.00	25.96 1.24 0.00	26.15 1.32 0.00	24.12 0.80 0.00	23.01 0.78 0.00	17.49 0.59 0.00	17.81 0.29 0.00	20.81 0.36 0.00	28.38 0.58 0.00	38.44 0.73 0.00	31.09 1.21 0.00	37.01 1.63 0.00	36.09 2.51 0.00	39.90 2.38 0.00	33.92 0.85 0.00	22.61 0.59 0.00	24.54 1.17 0.00	25.07 1.33 0.00
INDECK___CORINTH 23802	20.48 0.68 0.00	20.05 0.61 0.00	19.08 0.61 0.00	18.34 0.58 0.00	18.12 0.57 0.00	18.87 0.65 0.00	21.37 1.06 0.00	26.07 1.35 0.00	26.09 1.26 0.00	24.41 1.09 0.00	24.60 0.87 -1.50	31.74 0.55 -14.29	24.12 0.51 -6.09	27.71 0.61 -6.65	35.99 0.85 -7.33	41.94 1.21 -3.01	45.78 1.29 -14.62	35.50 1.78 1.66	36.57 2.06 -0.92	41.29 2.43 -1.35	38.42 2.23 -3.11	26.20 1.28 -2.91	25.14 1.38 -0.39	24.90 1.16 0.00
INDECK___ILION 23567	20.00 0.20 0.00	19.64 0.20 0.00	18.69 0.21 0.00	17.97 0.20 0.00	17.74 0.19 0.00	18.38 0.16 0.00	20.54 0.23 0.00	25.07 0.34 0.00	25.11 0.28 0.00	23.48 0.16 0.00	22.27 0.04 0.00	16.84 -0.05 0.00	17.45 -0.07 0.00	20.36 -0.09 0.00	27.72 -0.08 0.00	37.63 -0.08 0.00	29.96 0.08 0.00	35.74 0.37 0.00	34.06 0.47 0.00	38.06 0.55 0.00	33.58 0.50 0.00	22.35 0.33 0.00	23.70 0.33 0.00	23.96 0.22 0.00



INDECK___OLEAN 23982	20.79 0.99 0.00	20.40 0.96 0.00	19.17 0.69 0.00	18.09 0.33 0.00	17.92 0.36 0.00	18.94 0.73 0.00	21.07 0.76 0.00	25.55 0.83 0.00	26.06 1.24 0.00	24.78 1.46 0.00	23.84 1.62 0.00	18.27 1.37 0.00	18.86 1.34 0.00	22.14 1.69 0.00	30.15 2.35 0.00	40.58 2.87 0.00	32.88 3.00 0.00	38.59 3.21 0.00	36.42 2.83 0.00	40.01 2.49 0.00	33.81 0.73 0.00	22.77 0.75 0.00	24.33 0.96 0.00	24.80 1.06 0.00
INDECK___OSWEGO 23783	20.35 0.55 0.00	19.97 0.53 0.00	18.94 0.46 0.00	18.14 0.38 0.00	17.94 0.39 0.00	18.64 0.42 0.00	20.77 0.46 0.00	25.25 0.53 0.00	25.28 0.45 0.00	23.67 0.35 0.00	22.59 0.37 0.00	17.25 0.36 0.00	17.85 0.33 0.00	20.66 0.21 0.00	28.04 0.24 0.00	38.03 0.32 0.00	30.43 0.55 0.00	36.28 0.90 0.00	34.62 1.04 0.00	38.38 0.86 0.00	33.35 0.28 0.00	22.34 0.33 0.00	23.80 0.44 0.00	24.24 0.49 0.00
INDECK___YERKES 23781	20.08 0.28 0.00	19.75 0.31 0.00	18.53 0.05 0.00	17.39 -0.37 0.00	17.20 -0.35 0.00	18.13 -0.09 0.00	19.97 -0.34 0.00	24.00 -0.73 0.00	24.60 -0.23 0.00	23.41 0.09 0.00	22.53 0.31 0.00	17.36 0.46 0.00	17.98 0.46 0.00	21.11 0.66 0.00	28.75 0.95 0.00	38.77 1.06 0.00	31.54 1.66 0.00	37.30 1.92 0.00	35.32 1.74 0.00	38.38 0.86 0.00	32.19 -0.89 0.00	21.66 -0.36 0.00	23.18 -0.18 0.00	23.79 0.04 0.00
INDIAN POINT_GT_1 24139	20.70 0.90 0.00	20.24 0.80 0.00	19.20 0.73 0.00	18.45 0.69 0.00	18.19 0.64 0.00	18.95 0.73 0.00	21.46 1.15 0.00	26.21 1.48 0.00	26.41 1.58 0.00	24.85 1.54 0.00	28.08 1.53 -4.32	63.03 1.20 -44.93	39.50 1.26 -20.72	46.38 1.48 -24.46	55.26 2.02 -25.44	48.99 2.75 -8.52	116.66 2.41 -84.38	69.47 2.80 -31.29	39.26 2.72 -2.96	44.30 2.98 -3.81	45.60 2.47 -10.05	31.94 1.67 -8.25	26.35 1.82 -1.17	25.32 1.58 0.00
INDIAN POINT_GT_2 23659	20.70 0.90 0.00	20.24 0.80 0.00	19.20 0.73 0.00	18.45 0.69 0.00	18.19 0.64 0.00	18.95 0.73 0.00	21.46 1.15 0.00	26.21 1.48 0.00	26.41 1.58 0.00	24.85 1.54 0.00	28.08 1.53 -4.32	63.03 1.20 -44.93	39.50 1.26 -20.72	46.38 1.48 -24.46	55.26 2.02 -25.44	48.99 2.75 -8.52	116.66 2.41 -84.38	69.47 2.80 -31.29	39.26 2.72 -2.96	44.30 2.98 -3.81	45.60 2.47 -10.05	31.94 1.67 -8.25	26.35 1.82 -1.17	25.32 1.58 0.00
INDIAN POINT_GT_3 24019	20.70 0.90 0.00	20.24 0.80 0.00	19.20 0.73 0.00	18.45 0.69 0.00	18.19 0.64 0.00	18.95 0.73 0.00	21.46 1.15 0.00	26.21 1.48 0.00	26.41 1.58 0.00	24.85 1.54 0.00	28.08 1.53 -4.32	63.03 1.20 -44.93	39.50 1.26 -20.72	46.38 1.48 -24.46	55.26 2.02 -25.44	48.99 2.75 -8.52	116.66 2.41 -84.38	69.47 2.80 -31.29	39.26 2.72 -2.96	44.30 2.98 -3.81	45.60 2.47 -10.05	31.94 1.67 -8.25	26.35 1.82 -1.17	25.32 1.58 0.00
INDIAN POINT___2 23530	20.67 0.87 0.00	20.22 0.78 0.00	19.17 0.69 0.00	18.41 0.65 0.00	18.16 0.61 0.00	18.92 0.70 0.00	21.42 1.11 0.00	26.16 1.43 0.00	26.36 1.53 0.00	24.81 1.49 0.00	28.80 1.50 -5.07	69.34 1.18 -51.27	40.68 1.23 -21.93	47.73 1.45 -25.84	56.68 1.98 -26.91	49.47 2.70 -9.07	118.40 2.36 -86.17	68.41 2.74 -30.30	39.37 2.66 -3.12	44.46 2.90 -4.05	47.00 2.39 -11.53	32.41 1.62 -8.77	26.43 1.77 -1.29	25.27 1.53 0.00
INDIAN POINT___3 23531	20.66 0.87 0.00	20.21 0.77 0.00	19.17 0.69 0.00	18.42 0.66 0.00	18.17 0.61 0.00	18.92 0.70 0.00	21.42 1.11 0.00	26.16 1.43 0.00	26.35 1.52 0.00	24.81 1.49 0.00	28.08 1.48 -4.37	63.37 1.17 -45.31	39.45 1.22 -20.71	46.33 1.43 -24.45	55.19 1.96 -25.43	48.89 2.66 -8.52	116.60 2.32 -84.39	69.42 2.72 -31.32	39.19 2.65 -2.96	44.20 2.88 -3.80	45.62 2.39 -10.15	31.88 1.62 -8.24	26.31 1.77 -1.17	25.27 1.53 0.00
INGHAM_C_115KV_TB7 356103	20.11 0.32 0.00	19.75 0.31 0.00	18.82 0.34 0.00	18.09 0.33 0.00	17.86 0.31 0.00	18.46 0.25 0.00	20.70 0.39 0.00	25.35 0.63 0.00	25.31 0.48 0.00	23.54 0.22 0.00	22.19 -0.03 0.00	16.68 -0.22 0.00	17.26 -0.26 0.00	20.13 -0.32 0.00	27.44 -0.37 0.00	37.26 -0.45 0.00	29.75 -0.13 0.00	35.80 0.43 0.00	34.21 0.62 0.00	38.35 0.84 0.00	34.01 0.94 0.00	22.65 0.63 0.00	24.00 0.63 0.00	24.15 0.40 0.00
IP CORINTH___1 23988	20.58 0.78 0.00	20.15 0.72 0.00	19.18 0.71 0.00	18.44 0.68 0.00	18.22 0.67 0.00	18.97 0.76 0.00	21.49 1.18 0.00	26.22 1.49 0.00	26.24 1.41 0.00	24.55 1.23 0.00	24.73 1.00 -1.50	31.84 0.65 -14.29	24.22 0.62 -6.09	27.84 0.74 -6.65	36.15 1.02 -7.33	42.16 1.44 -3.01	45.96 1.46 -14.62	35.71 1.99 1.66	36.76 2.26 -0.92	41.50 2.64 -1.35	38.59 2.41 -3.11	26.33 1.40 -2.91	25.27 1.52 -0.39	25.03 1.29 0.00
IP___TICONDEROGA 23804	21.30 1.50 0.00	20.77 1.33 0.00	19.80 1.32 0.00	19.03 1.27 0.00	18.88 1.33 0.00	19.81 1.59 0.00	22.67 2.35 0.00	27.62 2.89 0.00	27.46 2.64 0.00	25.48 2.16 0.00	25.50 1.77 -1.51	32.49 1.27 -14.33	24.94 1.33 -6.09	28.63 1.53 -6.65	37.40 2.26 -7.33	43.82 3.09 -3.02	47.98 3.36 -14.74	38.22 4.44 1.60	38.89 4.38 -0.93	44.15 5.28 -1.35	40.51 4.31 -3.12	27.44 2.50 -2.92	26.52 2.76 -0.39	26.11 2.36 0.00
ISLIP_RES_REC 323679	23.10 1.73 -1.58	20.89 1.45 0.00	19.79 1.31 0.00	18.97 1.22 0.00	18.73 1.18 0.00	19.64 1.42 0.00	22.41 2.10 0.00	27.33 2.61 0.00	27.49 2.66 0.00	25.88 2.56 0.00	28.86 2.58 -4.05	61.28 2.04 -42.34	39.26 2.07 -19.68	45.90 2.19 -23.27	55.06 3.01 -24.25	51.99 4.18 -10.09	116.12 3.43 -82.81	73.57 4.34 -33.86	47.63 4.37 -9.68	143.70 4.67 -101.51	157.31 4.13 -120.10	45.73 2.75 -20.97	29.07 2.95 -2.75	30.37 2.78 -3.85
JAMAICA__27_KV_LOAD 355505	21.07 1.28 0.00	20.61 1.17 0.00	19.52 1.04 0.00	18.75 0.99 0.00	18.52 0.96 0.00	19.29 1.07 0.00	21.86 1.55 0.00	26.89 2.16 -0.01	27.14 2.30 -0.02	25.56 2.23 -0.01	28.47 2.20 -4.04	61.10 1.70 -42.50	38.88 1.73 -19.63	45.69 2.02 -23.21	54.63 2.71 -24.11	49.49 3.75 -8.03	115.83 3.22 -82.74	71.28 3.72 -32.18	39.93 3.53 -2.81	44.88 3.78 -3.59	45.72 3.20 -9.44	32.02 2.23 -7.77	26.87 2.40 -1.10	25.85 2.10 0.00
JANIS___SOLAR 323808	20.85 1.05 0.00	20.40 0.97 0.00	19.32 0.84 0.00	18.49 0.73 0.00	18.28 0.73 0.00	19.04 0.83 0.00	21.35 1.04 0.00	26.01 1.28 0.00	26.03 1.20 0.00	24.24 0.92 0.00	22.72 0.82 0.33	15.11 0.67 2.46	18.19 0.67 0.00	21.24 0.80 0.00	28.98 1.18 0.00	39.36 1.65 0.00	31.59 1.71 0.00	37.89 2.51 0.00	36.17 2.59 0.00	40.13 2.61 0.00	34.71 1.64 0.00	23.09 1.07 0.00	24.47 1.10 0.00	24.82 1.07 0.00
JARVIS____ 23743	19.87 0.08 0.00	19.51 0.07 0.00	18.55 0.08 0.00	17.84 0.08 0.00	17.61 0.05 0.00	18.27 0.05 0.00	20.39 0.08 0.00	24.82 0.10 0.00	24.92 0.09 0.00	23.39 0.07 0.00	22.28 0.05 0.00	16.92 0.03 0.00	17.55 0.03 0.00	20.49 0.04 0.00	27.86 0.05 0.00	37.79 0.08 0.00	30.01 0.13 0.00	35.58 0.21 0.00	33.83 0.25 0.00	37.74 0.22 0.00	33.19 0.11 0.00	22.09 0.08 0.00	23.45 0.08 0.00	23.80 0.06 0.00

JENNISON___1 23625	20.84 1.04 0.00	20.40 0.96 0.00	19.31 0.84 0.00	18.50 0.74 0.00	18.27 0.72 0.00	18.99 0.78 0.00	21.38 1.07 0.00	26.05 1.33 0.00	26.16 1.33 0.00	24.56 1.24 0.00	22.97 1.29 0.54	13.02 1.03 4.91	18.60 1.08 0.00	21.70 1.25 0.00	29.53 1.73 0.00	40.00 2.28 0.00	33.02 2.17 -0.98	38.97 2.78 -0.82	36.23 2.64 -0.01	40.19 2.67 0.00	34.90 1.82 0.00	23.25 1.23 0.00	24.63 1.27 0.00	24.91 1.17 0.00
JENNISON___2 23626	20.84 1.04 0.00	20.40 0.96 0.00	19.31 0.84 0.00	18.50 0.74 0.00	18.27 0.72 0.00	18.99 0.78 0.00	21.38 1.07 0.00	26.05 1.33 0.00	26.16 1.33 0.00	24.56 1.24 0.00	22.97 1.29 0.54	13.02 1.03 4.91	18.60 1.08 0.00	21.70 1.25 0.00	29.53 1.73 0.00	40.00 2.28 0.00	33.02 2.17 -0.98	38.97 2.78 -0.82	36.23 2.64 -0.01	40.19 2.67 0.00	34.90 1.82 0.00	23.25 1.23 0.00	24.63 1.27 0.00	24.91 1.17 0.00
JERICHO_RISE_WT_PWR 323719	19.23 -0.57 0.00	18.87 -0.57 0.00	18.05 -0.43 0.00	17.53 -0.23 0.00	17.45 -0.10 0.00	18.25 0.04 0.00	20.54 0.23 0.00	25.19 0.47 0.00	25.25 0.42 0.00	23.67 0.35 0.00	22.56 0.33 0.00	17.16 0.26 0.00	17.79 0.27 0.00	20.79 0.34 0.00	28.23 0.42 0.00	38.33 0.61 0.00	30.17 0.29 0.00	35.59 0.21 0.00	33.38 -0.20 0.00	37.51 0.00 0.00	32.93 -0.15 0.00	21.70 -0.31 0.00	22.76 -0.61 0.00	23.00 -0.75 0.00
KATONAH___115KV_46KV_TB4 355592	20.81 1.02 0.00	20.35 0.91 0.00	19.31 0.84 0.00	18.55 0.79 0.00	18.30 0.75 0.00	19.07 0.85 0.00	21.61 1.30 0.00	26.38 1.66 0.00	26.58 1.75 0.00	25.03 1.71 0.00	27.08 1.68 -3.17	53.01 1.33 -34.78	37.28 1.39 -18.36	43.86 1.63 -21.78	52.63 2.26 -22.57	48.25 3.07 -7.46	113.13 2.68 -80.57	71.50 3.13 -32.99	39.27 3.04 -2.64	44.23 3.38 -3.33	43.60 2.83 -7.70	31.11 1.87 -7.22	26.34 2.01 -0.96	25.49 1.75 0.00
KCE_NY_1 323755	20.69 0.89 0.00	20.26 0.82 0.00	19.29 0.82 0.00	18.55 0.78 0.00	18.32 0.77 0.00	19.02 0.81 0.00	21.48 1.16 0.00	26.20 1.48 0.00	26.26 1.43 0.00	24.60 1.28 0.00	24.84 1.10 -1.51	32.01 0.74 -14.38	24.39 0.78 -6.10	28.01 0.92 -6.64	36.40 1.26 -7.34	42.50 1.75 -3.03	46.47 1.67 -14.91	36.00 2.13 1.51	36.70 2.18 -0.93	41.43 2.56 -1.35	38.50 2.29 -3.13	26.32 1.37 -2.93	25.23 1.47 -0.39	25.04 1.30 0.00
KCE_NY_6_ESR 323823	20.31 0.51 0.00	19.95 0.51 0.00	18.72 0.24 0.00	17.59 -0.17 0.00	17.40 -0.15 0.00	18.35 0.13 0.00	20.28 -0.03 0.00	24.47 -0.26 0.00	25.04 0.22 0.00	23.83 0.50 0.00	22.93 0.70 0.00	17.62 0.73 0.00	18.22 0.70 0.00	21.38 0.93 0.00	29.18 1.38 0.00	39.35 1.64 0.00	32.02 2.14 0.00	37.80 2.42 0.00	35.74 2.16 0.00	38.90 1.39 0.00	32.68 -0.40 0.00	21.98 -0.04 0.00	23.45 0.09 0.00	23.97 0.23 0.00
KEDC_PORT_JEFF_GT2 24210	23.33 1.57 -1.97	20.75 1.32 0.00	19.66 1.18 0.00	18.86 1.10 0.00	18.61 1.06 0.00	19.49 1.27 0.00	22.18 1.87 0.00	27.04 2.31 0.00	27.19 2.36 0.00	25.61 2.29 0.00	28.59 2.31 -4.05	61.05 1.82 -42.34	39.01 1.81 -19.68	45.55 1.83 -23.27	54.52 2.47 -24.25	51.28 3.48 -10.09	115.54 2.86 -82.81	72.85 3.61 -33.86	46.94 3.68 -9.68	142.95 3.92 -101.51	156.68 3.50 -120.10	45.25 2.37 -20.86	28.77 2.65 -2.75	30.11 2.51 -3.85
KEDC_PORT_JEFF_GT3 24211	23.33 1.57 -1.97	20.75 1.32 0.00	19.66 1.18 0.00	18.86 1.10 0.00	18.61 1.06 0.00	19.49 1.27 0.00	22.18 1.87 0.00	27.04 2.31 0.00	27.19 2.36 0.00	25.61 2.29 0.00	28.59 2.31 -4.05	61.05 1.82 -42.34	39.01 1.81 -19.68	45.55 1.83 -23.27	54.52 2.47 -24.25	51.28 3.48 -10.09	115.54 2.86 -82.81	72.85 3.61 -33.86	46.94 3.68 -9.68	142.95 3.92 -101.51	156.68 3.50 -120.10	45.25 2.37 -20.86	28.77 2.65 -2.75	30.11 2.51 -3.85
KEDC_GLWD_GT4 24219	21.13 1.33 0.00	20.59 1.16 0.00	19.51 1.03 0.00	18.72 0.96 0.00	18.47 0.92 0.00	19.28 1.07 0.00	21.89 1.57 0.00	26.68 1.96 0.00	26.89 2.06 0.00	25.35 2.03 0.00	28.38 2.10 -4.05	60.90 1.67 -42.34	38.87 1.68 -19.68	45.60 1.88 -23.27	54.73 2.67 -24.25	51.50 3.70 -10.09	115.81 3.13 -82.81	72.94 3.70 -33.86	46.83 3.57 -9.68	142.95 3.92 -101.51	156.50 3.32 -120.10	49.56 2.26 -25.29	28.58 2.46 -2.75	29.79 2.20 -3.85
KEDC_GLWD_GT5 24220	21.13 1.33 0.00	20.59 1.16 0.00	19.51 1.03 0.00	18.72 0.96 0.00	18.47 0.92 0.00	19.28 1.07 0.00	21.89 1.57 0.00	26.68 1.96 0.00	26.89 2.06 0.00	25.35 2.03 0.00	28.38 2.10 -4.05	60.90 1.67 -42.34	38.87 1.68 -19.68	45.60 1.88 -23.27	54.73 2.67 -24.25	51.50 3.70 -10.09	115.81 3.13 -82.81	72.94 3.70 -33.86	46.83 3.57 -9.68	142.95 3.92 -101.51	156.50 3.32 -120.10	49.56 2.26 -25.29	28.58 2.46 -2.75	29.79 2.20 -3.85
KENSICO____ 23655	20.76 0.96 0.00	20.30 0.86 0.00	19.25 0.77 0.00	18.50 0.74 0.00	18.24 0.69 0.00	19.01 0.79 0.00	21.53 1.21 0.00	26.28 1.56 0.00	26.49 1.66 0.00	24.94 1.62 0.00	27.98 1.61 -4.14	61.31 1.27 -43.15	38.75 1.32 -19.91	45.52 1.54 -23.53	54.36 2.10 -24.45	48.74 2.87 -8.16	115.54 2.50 -83.16	70.24 2.90 -31.96	39.25 2.81 -2.85	44.24 3.09 -3.64	45.31 2.58 -9.66	31.66 1.75 -7.90	26.39 1.90 -1.12	25.39 1.65 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.84 1.05 0.00	20.37 0.94 0.00	19.33 0.86 0.00	18.55 0.79 0.00	18.28 0.73 0.00	19.04 0.82 0.00	21.76 1.44 0.00	26.66 1.94 0.00	26.89 2.06 0.00	25.30 1.98 0.00	23.41 1.89 0.71	2.59 1.48 15.78	-2.10 1.53 21.15	34.33 1.82 -12.07	42.12 2.49 -11.83	45.13 3.53 -3.89	77.33 3.16 -44.30	58.33 3.88 -19.07	38.81 3.83 -1.40	43.68 4.42 -1.74	35.85 3.57 0.79	28.15 2.37 -3.77	26.03 2.45 -0.21	25.60 1.85 0.00
KIAC_JFK_GT1 23816	20.96 1.16 0.00	20.49 1.05 0.00	19.41 0.93 0.00	18.65 0.89 0.00	18.41 0.86 0.00	19.18 0.97 0.00	21.74 1.43 0.00	26.75 2.02 -0.01	27.00 2.16 -0.02	25.43 2.11 -0.01	28.34 2.08 -4.04	60.98 1.58 -42.50	38.71 1.56 -19.63	45.48 1.82 -23.21	54.35 2.44 -24.11	49.11 3.37 -8.03	115.51 2.90 -82.74	70.90 3.34 -32.18	39.57 3.17 -2.81	44.51 3.40 -3.59	45.39 2.88 -9.44	31.88 2.08 -7.77	26.73 2.27 -1.10	25.71 1.97 0.00
KIAC_JFK_GT2 23817	20.96 1.16 0.00	20.49 1.05 0.00	19.41 0.93 0.00	18.65 0.89 0.00	18.41 0.86 0.00	19.18 0.97 0.00	21.74 1.43 0.00	26.75 2.02 -0.01	27.00 2.16 -0.02	25.43 2.11 -0.01	28.34 2.08 -4.04	60.98 1.58 -42.50	38.71 1.56 -19.63	45.48 1.82 -23.21	54.35 2.44 -24.11	49.11 3.37 -8.03	115.51 2.90 -82.74	70.90 3.34 -32.18	39.57 3.17 -2.81	44.51 3.40 -3.59	45.39 2.88 -9.44	31.88 2.08 -7.77	26.73 2.27 -1.10	25.71 1.97 0.00
KIAC_JFK____ 323774	20.96 1.17 0.00	20.49 1.05 0.00	19.41 0.93 0.00	18.65 0.88 0.00	18.41 0.86 0.00	19.18 0.96 0.00	21.74 1.43 0.00	26.75 2.02 -0.01	27.00 2.15 -0.02	25.42 2.10 -0.01	28.34 2.08 -4.04	60.98 1.58 -42.50	38.71 1.56 -19.63	45.48 1.82 -23.21	54.35 2.44 -24.11	49.11 3.36 -8.03	115.51 2.90 -82.74	70.90 3.34 -32.18	39.57 3.17 -2.81	44.51 3.40 -3.59	45.39 2.88 -9.44	31.88 2.09 -7.77	26.73 2.26 -1.10	25.71 1.97 0.00

KINTIGH____ 23543	19.68 -0.11 0.00	19.33 -0.10 0.00	18.19 -0.29 0.00	17.15 -0.61 0.00	16.96 -0.59 0.00	17.81 -0.41 0.00	19.71 -0.60 0.00	23.79 -0.94 0.00	24.26 -0.57 0.00	22.98 -0.34 0.00	22.11 -0.12 0.00	16.95 0.05 0.00	17.54 0.02 0.00	20.56 0.11 0.00	28.01 0.21 0.00	37.86 0.14 0.00	30.68 0.80 0.00	36.28 0.91 0.00	34.42 0.83 0.00	37.64 0.12 0.00	31.92 -1.16 0.00	21.38 -0.64 0.00	22.86 -0.51 0.00	23.39 -0.35 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.52 -0.28 0.00	19.13 -0.30 0.00	18.30 -0.18 0.00	17.75 -0.02 0.00	17.65 0.10 0.00	18.50 0.28 0.00	20.91 0.59 0.00	25.67 0.94 0.00	25.67 0.84 0.00	24.02 0.70 0.00	22.88 0.66 0.00	17.42 0.52 0.00	18.05 0.53 0.00	21.10 0.66 0.00	28.66 0.86 0.00	38.95 1.23 0.00	30.79 0.91 0.00	36.35 0.97 0.00	34.10 0.51 0.00	38.36 0.84 0.00	33.58 0.51 0.00	22.11 0.10 0.00	23.18 -0.19 0.00	23.34 -0.40 0.00
LACHUTE__HYDRO 323717	21.31 1.51 0.00	20.77 1.33 0.00	19.80 1.32 0.00	19.03 1.27 0.00	18.88 1.33 0.00	19.81 1.59 0.00	22.66 2.35 0.00	27.62 2.89 0.00	27.46 2.64 0.00	25.48 2.16 0.00	25.50 1.77 -1.51	32.49 1.27 -14.33	24.93 1.32 -6.09	28.63 1.53 -6.65	37.40 2.26 -7.33	43.82 3.09 -3.02	47.98 3.35 -14.74	38.22 4.44 1.60	38.89 4.38 -0.93	44.14 5.28 -1.35	40.51 4.31 -3.12	27.44 2.50 -2.92	26.52 2.76 -0.39	26.11 2.36 0.00
LAWRNCALV_115KV_TB1 80681	19.65 -0.15 0.00	19.34 -0.10 0.00	18.38 -0.10 0.00	17.75 -0.01 0.00	17.62 0.07 0.00	18.31 0.10 0.00	20.39 0.08 0.00	24.89 0.16 0.00	24.93 0.10 0.00	23.36 0.04 0.00	22.25 0.02 0.00	16.92 0.03 0.00	17.53 0.02 0.00	20.48 0.03 0.00	27.82 0.02 0.00	37.79 0.08 0.00	29.49 -0.38 0.00	34.75 -0.63 0.00	32.29 -1.29 0.00	36.80 -0.72 0.00	32.65 -0.43 0.00	21.84 -0.17 0.00	23.11 -0.25 0.00	23.49 -0.25 0.00
LEDERLE____ 23769	20.72 0.92 0.00	20.26 0.82 0.00	19.21 0.73 0.00	18.46 0.70 0.00	18.20 0.65 0.00	18.96 0.74 0.00	21.47 1.16 0.00	26.22 1.49 0.00	26.43 1.60 0.00	24.88 1.56 0.00	18.46 1.57 5.34	-12.22 1.26 30.37	43.54 1.33 -24.69	51.04 1.58 -29.01	59.78 2.13 -29.84	50.75 2.90 -10.13	123.58 2.53 -91.17	67.73 2.95 -29.40	39.88 2.86 -3.44	45.11 3.07 -4.52	26.89 2.50 8.68	33.51 1.69 -9.80	25.33 1.82 -0.14	25.32 1.58 0.00
LIGHTHSE_115KV_TB6 355974	20.27 0.48 0.00	19.92 0.48 0.00	18.92 0.44 0.00	18.14 0.37 0.00	17.94 0.39 0.00	18.64 0.42 0.00	20.79 0.47 0.00	25.28 0.56 0.00	25.26 0.43 0.00	23.58 0.26 0.00	22.49 0.26 0.00	17.17 0.27 0.00	17.77 0.25 0.00	20.70 0.25 0.00	28.14 0.34 0.00	38.15 0.43 0.00	30.52 0.64 0.00	36.49 1.12 0.00	34.92 1.33 0.00	38.74 1.22 0.00	33.47 0.40 0.00	22.27 0.26 0.00	23.64 0.27 0.00	24.07 0.33 0.00
LINDEN COGEN____ 23786	20.86 1.06 0.00	20.40 0.96 0.00	19.33 0.86 0.00	18.58 0.82 0.00	18.31 0.76 0.00	19.09 0.87 0.00	21.62 1.31 0.00	26.40 1.67 0.00	26.63 1.81 0.00	25.06 1.74 0.00	27.08 1.76 -3.10	53.45 1.38 -35.17	36.36 1.45 -17.39	42.27 1.67 -20.16	54.20 2.29 -24.11	48.85 3.10 -8.03	115.26 2.64 -82.74	69.94 2.99 -31.58	39.30 2.90 -2.81	44.26 3.16 -3.59	33.11 2.61 2.57	31.62 1.83 -7.77	26.48 2.02 -1.10	25.51 1.77 0.00
LINDHRST_69_KV_BK1 356055	21.45 1.54 -0.11	20.78 1.34 0.00	19.68 1.21 0.00	18.89 1.13 0.00	18.63 1.08 0.00	19.51 1.29 0.00	22.19 1.87 0.00	27.03 2.30 0.00	27.21 2.38 0.00	25.64 2.32 0.00	28.63 2.35 -4.05	61.10 1.87 -42.34	39.06 1.86 -19.68	45.73 2.01 -23.27	54.87 2.81 -24.25	51.74 3.94 -10.09	116.00 3.32 -82.81	73.28 4.04 -33.86	47.22 3.96 -9.68	143.32 4.30 -101.51	156.93 3.76 -120.10	47.28 2.57 -22.69	28.88 2.76 -2.75	30.14 2.55 -3.85
LIPA_MISC_IPP 23656	23.17 1.54 -1.84	20.77 1.33 0.00	19.67 1.19 0.00	18.87 1.11 0.00	18.62 1.07 0.00	19.53 1.31 0.00	22.21 1.90 0.00	27.08 2.35 0.00	27.23 2.40 0.00	25.63 2.31 0.00	28.60 2.32 -4.05	61.06 1.82 -42.34	39.01 1.82 -19.68	45.62 1.90 -23.27	54.69 2.64 -24.25	51.53 3.73 -10.09	115.73 3.04 -82.81	73.09 3.85 -33.86	47.17 3.91 -9.68	143.22 4.19 -101.51	156.95 3.77 -120.10	45.37 2.53 -20.82	28.83 2.72 -2.75	30.14 2.55 -3.85
LISF__SOLAR 323691	23.23 1.61 -1.82	20.81 1.37 0.00	19.71 1.23 0.00	18.90 1.14 0.00	18.65 1.10 0.00	19.54 1.32 0.00	22.23 1.92 0.00	27.11 2.38 0.00	27.25 2.42 0.00	25.64 2.32 0.00	28.60 2.33 -4.05	61.06 1.83 -42.34	39.02 1.83 -19.68	45.62 1.91 -23.27	54.70 2.65 -24.25	51.58 3.77 -10.09	115.76 3.07 -82.81	73.16 3.92 -33.86	47.24 3.98 -9.68	143.30 4.27 -101.51	157.01 3.84 -120.10	45.42 2.56 -20.84	28.86 2.74 -2.75	30.16 2.57 -3.85
LITTLE FALLS__HYD 24013	20.11 0.32 0.00	19.75 0.31 0.00	18.82 0.34 0.00	18.09 0.33 0.00	17.86 0.31 0.00	18.46 0.25 0.00	20.70 0.39 0.00	25.35 0.63 0.00	25.31 0.48 0.00	23.54 0.22 0.00	22.19 -0.03 0.00	16.68 -0.22 0.00	17.26 -0.26 0.00	20.13 -0.32 0.00	27.44 -0.37 0.00	37.26 -0.45 0.00	29.75 -0.13 0.00	35.80 0.43 0.00	34.21 0.62 0.00	38.35 0.84 0.00	34.01 0.94 0.00	22.65 0.63 0.00	24.00 0.63 0.00	24.15 0.40 0.00
LITTLRIV_115KV_TB1 356100	19.83 0.04 0.00	19.51 0.08 0.00	18.54 0.06 0.00	17.90 0.14 0.00	17.79 0.24 0.00	18.49 0.27 0.00	20.63 0.32 0.00	25.19 0.46 0.00	25.19 0.36 0.00	23.55 0.23 0.00	22.44 0.22 0.00	17.07 0.18 0.00	17.71 0.19 0.00	20.67 0.23 0.00	28.10 0.30 0.00	38.20 0.49 0.00	29.81 -0.07 0.00	35.17 -0.21 0.00	32.75 -0.83 0.00	37.32 -0.20 0.00	33.14 0.06 0.00	22.13 0.11 0.00	23.37 0.01 0.00	23.75 0.00 0.00
LI_NEWBRIDGE__DRP 323616	20.95 1.16 0.00	20.44 1.00 0.00	19.37 0.89 0.00	18.59 0.83 0.00	18.34 0.79 0.00	19.16 0.95 0.00	21.74 1.43 0.00	26.50 1.77 0.00	26.69 1.86 0.00	25.15 1.83 0.00	28.15 1.87 -4.05	60.72 1.49 -42.34	38.67 1.47 -19.68	45.33 1.62 -23.27	54.34 2.28 -24.25	50.97 3.17 -10.09	115.38 2.69 -82.81	72.46 3.22 -33.86	46.42 3.16 -9.68	142.50 3.47 -101.51	156.15 2.97 -120.10	43.32 2.03 -19.27	28.34 2.23 -2.75	29.60 2.00 -3.85
LOCKPORT_115KV_TB60_63_64 80432	19.84 0.04 0.00	19.52 0.08 0.00	18.30 -0.17 0.00	17.17 -0.59 0.00	17.00 -0.56 0.00	17.89 -0.33 0.00	19.68 -0.63 0.00	23.66 -1.07 0.00	24.25 -0.57 0.00	23.03 -0.30 0.00	22.18 -0.05 0.00	17.04 0.14 0.00	17.63 0.11 0.00	20.69 0.24 0.00	28.17 0.37 0.00	38.03 0.32 0.00	31.01 1.13 0.00	36.70 1.32 0.00	34.85 1.26 0.00	37.84 0.33 0.00	31.81 -1.27 0.00	21.37 -0.64 0.00	22.88 -0.49 0.00	23.54 -0.20 0.00
LOCKPORT__CC1 323769	19.79 0.00 0.00	19.48 0.04 0.00	18.27 -0.21 0.00	17.14 -0.62 0.00	16.96 -0.59 0.00	17.86 -0.35 0.00	19.65 -0.66 0.00	23.61 -1.12 0.00	24.21 -0.62 0.00	23.03 -0.29 0.00	22.15 -0.08 0.00	17.03 0.14 0.00	17.63 0.11 0.00	20.66 0.22 0.00	28.13 0.33 0.00	37.96 0.24 0.00	30.92 1.04 0.00	36.61 1.24 0.00	34.73 1.15 0.00	37.73 0.21 0.00	31.70 -1.38 0.00	21.32 -0.70 0.00	22.81 -0.56 0.00	23.51 -0.23 0.00

LOCKPORT___CC2 323770	19.79 0.00 0.00	19.48 0.04 0.00	18.27 -0.21 0.00	17.14 -0.62 0.00	16.96 -0.59 0.00	17.86 -0.35 0.00	19.65 -0.66 0.00	23.61 -1.12 0.00	24.21 -0.62 0.00	23.03 -0.29 0.00	22.15 -0.08 0.00	17.03 0.14 0.00	17.63 0.11 0.00	20.66 0.22 0.00	28.13 0.33 0.00	37.96 0.24 0.00	30.92 1.04 0.00	36.61 1.24 0.00	34.73 1.15 0.00	37.73 0.21 0.00	31.70 -1.38 0.00	21.32 -0.70 0.00	22.81 -0.56 0.00	23.51 -0.23 0.00
LOCKPORT___CC3 323771	19.79 0.00 0.00	19.48 0.04 0.00	18.27 -0.21 0.00	17.14 -0.62 0.00	16.96 -0.59 0.00	17.86 -0.35 0.00	19.65 -0.66 0.00	23.61 -1.12 0.00	24.21 -0.62 0.00	23.03 -0.29 0.00	22.15 -0.08 0.00	17.03 0.14 0.00	17.63 0.11 0.00	20.66 0.22 0.00	28.13 0.33 0.00	37.96 0.24 0.00	30.92 1.04 0.00	36.61 1.24 0.00	34.73 1.15 0.00	37.73 0.21 0.00	31.70 -1.38 0.00	21.32 -0.70 0.00	22.81 -0.56 0.00	23.51 -0.23 0.00
LONG_LAKE_PHOENIX 24014	20.29 0.50 0.00	19.90 0.46 0.00	18.86 0.39 0.00	18.06 0.30 0.00	17.86 0.30 0.00	18.55 0.34 0.00	20.67 0.35 0.00	25.12 0.39 0.00	25.16 0.33 0.00	23.60 0.28 0.00	22.54 0.31 0.00	17.21 0.31 0.00	17.82 0.30 0.00	20.71 0.26 0.00	28.16 0.35 0.00	38.20 0.49 0.00	30.57 0.69 0.00	36.39 1.01 0.00	34.68 1.09 0.00	38.44 0.92 0.00	33.45 0.37 0.00	22.31 0.29 0.00	23.73 0.36 0.00	24.17 0.43 0.00
LOVETT___3 23632	20.60 0.81 0.00	20.15 0.71 0.00	19.11 0.63 0.00	18.38 0.61 0.00	18.12 0.56 0.00	18.86 0.65 0.00	21.35 1.04 0.00	26.07 1.35 0.00	26.28 1.45 0.00	24.74 1.42 0.00	18.21 1.44 5.45	-13.33 1.16 31.39	42.84 1.22 -24.09	50.22 1.45 -28.33	58.63 1.91 -28.92	50.10 2.59 -9.80	121.64 2.27 -89.49	67.57 2.66 -29.53	39.50 2.58 -3.34	44.68 2.79 -4.37	26.41 2.28 8.95	33.05 1.55 -9.48	25.15 1.69 -0.10	25.20 1.45 0.00
LOVETT___4 23642	20.60 0.81 0.00	20.15 0.71 0.00	19.11 0.63 0.00	18.38 0.61 0.00	18.12 0.56 0.00	18.86 0.65 0.00	21.35 1.04 0.00	26.07 1.35 0.00	26.28 1.45 0.00	24.74 1.42 0.00	18.21 1.44 5.45	-13.33 1.16 31.39	42.84 1.22 -24.09	50.22 1.45 -28.33	58.63 1.91 -28.92	50.10 2.59 -9.80	121.64 2.27 -89.49	67.57 2.66 -29.53	39.50 2.58 -3.34	44.68 2.79 -4.37	26.41 2.28 8.95	33.05 1.55 -9.48	25.15 1.69 -0.10	25.20 1.45 0.00
LOVETT___5 23593	20.60 0.81 0.00	20.15 0.71 0.00	19.11 0.63 0.00	18.38 0.61 0.00	18.12 0.56 0.00	18.86 0.65 0.00	21.35 1.04 0.00	26.07 1.35 0.00	26.28 1.45 0.00	24.74 1.42 0.00	18.21 1.44 5.45	-13.33 1.16 31.39	42.84 1.22 -24.09	50.22 1.45 -28.33	58.63 1.91 -28.92	50.10 2.59 -9.80	121.64 2.27 -89.49	67.57 2.66 -29.53	39.50 2.58 -3.34	44.68 2.79 -4.37	26.41 2.28 8.95	33.05 1.55 -9.48	25.15 1.69 -0.10	25.20 1.45 0.00
LOWER RAQUET___HYD 24057	19.67 -0.12 0.00	19.36 -0.08 0.00	18.40 -0.07 0.00	17.77 0.01 0.00	17.65 0.10 0.00	18.35 0.14 0.00	20.45 0.14 0.00	24.96 0.23 0.00	25.00 0.17 0.00	23.40 0.08 0.00	22.29 0.07 0.00	16.96 0.06 0.00	17.57 0.05 0.00	20.52 0.08 0.00	27.88 0.08 0.00	37.88 0.17 0.00	29.58 -0.30 0.00	34.83 -0.55 0.00	32.33 -1.25 0.00	36.82 -0.70 0.00	32.65 -0.43 0.00	21.86 -0.16 0.00	23.14 -0.23 0.00	23.51 -0.23 0.00
LOWER___HUDSON 24059	20.37 0.57 0.00	20.03 0.59 0.00	19.07 0.59 0.00	18.34 0.58 0.00	18.11 0.55 0.00	18.75 0.53 0.00	21.11 0.80 0.00	25.76 1.03 0.00	25.80 0.98 0.00	24.18 0.86 0.00	24.48 0.68 -1.57	32.20 0.39 -14.91	24.16 0.46 -6.18	27.64 0.54 -6.65	35.93 0.72 -7.41	41.87 1.00 -3.15	47.43 1.00 -16.55	36.02 1.33 0.69	36.01 1.45 -0.97	40.68 1.76 -1.41	38.01 1.69 -3.25	26.01 0.95 -3.05	24.86 1.08 -0.40	24.63 0.89 0.00
LOWVILLE_115KV_TB2 356335	20.27 0.47 0.00	19.98 0.54 0.00	19.03 0.55 0.00	18.32 0.55 0.00	18.15 0.60 0.00	18.86 0.64 0.00	21.10 0.79 0.00	25.69 0.97 0.00	25.64 0.81 0.00	23.87 0.56 0.00	22.67 0.45 0.00	17.24 0.34 0.00	17.83 0.31 0.00	20.83 0.38 0.00	28.35 0.54 0.00	38.57 0.86 0.00	30.74 0.86 0.00	36.73 1.35 0.00	34.96 1.37 0.00	38.93 1.42 0.00	33.40 0.32 0.00	22.09 0.07 0.00	23.37 0.00 0.00	23.91 0.17 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.67 0.87 0.00	20.27 0.83 0.00	19.30 0.83 0.00	18.55 0.79 0.00	18.32 0.77 0.00	19.02 0.81 0.00	21.47 1.15 0.00	26.19 1.46 0.00	26.23 1.41 0.00	24.59 1.27 0.00	24.83 1.09 -1.51	32.00 0.72 -14.38	24.39 0.77 -6.10	28.00 0.91 -6.64	36.38 1.24 -7.34	42.47 1.73 -3.03	46.43 1.64 -14.91	35.97 2.10 1.51	36.70 2.18 -0.93	41.40 2.53 -1.35	38.48 2.27 -3.13	26.31 1.36 -2.93	25.24 1.48 -0.39	25.04 1.30 0.00
LUTHERNY_35_KV_BK2 355980	20.69 0.89 0.00	20.26 0.82 0.00	19.29 0.82 0.00	18.55 0.78 0.00	18.32 0.77 0.00	19.03 0.81 0.00	21.48 1.17 0.00	26.20 1.48 0.00	26.26 1.43 0.00	24.60 1.28 0.00	24.84 1.10 -1.51	32.01 0.74 -14.38	24.40 0.78 -6.10	28.01 0.92 -6.64	36.40 1.26 -7.34	42.50 1.75 -3.03	46.46 1.67 -14.91	36.00 2.13 1.51	36.70 2.18 -0.93	41.43 2.56 -1.35	38.50 2.29 -3.13	26.32 1.37 -2.93	25.23 1.47 -0.39	25.04 1.30 0.00
LWR___OSWEGATCHIE_HYD 23850	19.99 0.19 0.00	19.69 0.25 0.00	18.73 0.25 0.00	18.05 0.29 0.00	17.92 0.36 0.00	18.63 0.41 0.00	20.81 0.50 0.00	25.37 0.65 0.00	25.35 0.52 0.00	23.66 0.34 0.00	22.50 0.27 0.00	17.11 0.22 0.00	17.72 0.20 0.00	20.70 0.26 0.00	28.14 0.34 0.00	38.25 0.54 0.00	30.19 0.31 0.00	35.83 0.45 0.00	33.70 0.12 0.00	37.96 0.44 0.00	33.10 0.03 0.00	22.03 0.02 0.00	23.31 -0.05 0.00	23.75 0.01 0.00
LYONS_FALL_HYD 23570	20.29 0.49 0.00	19.98 0.54 0.00	19.00 0.52 0.00	18.28 0.52 0.00	18.09 0.54 0.00	18.79 0.58 0.00	20.99 0.68 0.00	25.57 0.84 0.00	25.56 0.73 0.00	23.85 0.53 0.00	22.67 0.45 0.00	17.24 0.35 0.00	17.85 0.34 0.00	20.86 0.41 0.00	28.40 0.60 0.00	38.61 0.90 0.00	30.78 0.90 0.00	36.71 1.33 0.00	34.94 1.36 0.00	38.92 1.41 0.00	33.63 0.56 0.00	22.28 0.26 0.00	23.58 0.21 0.00	24.04 0.29 0.00
MADISON___COUNTY_LFGE 323628	20.43 0.63 0.00	20.05 0.61 0.00	19.03 0.55 0.00	18.27 0.51 0.00	18.05 0.50 0.00	18.74 0.52 0.00	20.92 0.60 0.00	25.49 0.76 0.00	25.50 0.67 0.00	23.84 0.52 0.00	22.72 0.49 0.00	17.30 0.41 0.00	17.93 0.42 0.00	20.95 0.51 0.00	28.59 0.79 0.00	38.83 1.12 0.00	31.01 1.13 0.00	36.95 1.57 0.00	35.22 1.63 0.00	39.15 1.64 0.00	34.08 1.00 0.00	22.61 0.60 0.00	23.95 0.58 0.00	24.30 0.56 0.00
MALONE___115KV_TB1 356076	19.52 -0.27 0.00	19.17 -0.27 0.00	18.30 -0.18 0.00	17.74 -0.02 0.00	17.64 0.09 0.00	18.44 0.23 0.00	20.72 0.41 0.00	25.40 0.67 0.00	25.44 0.62 0.00	23.84 0.52 0.00	22.70 0.48 0.00	17.28 0.38 0.00	17.90 0.39 0.00	20.92 0.48 0.00	28.41 0.61 0.00	38.61 0.90 0.00	30.36 0.48 0.00	35.83 0.45 0.00	33.55 -0.03 0.00	37.82 0.30 0.00	33.25 0.18 0.00	21.99 -0.03 0.00	23.11 -0.26 0.00	23.35 -0.39 0.00

MAPLEWOD_115KV_TB3 80458	20.24 0.44 0.00	19.93 0.49 0.00	18.97 0.49 0.00	18.25 0.48 0.00	18.00 0.45 0.00	18.63 0.42 0.00	21.01 0.70 0.00	25.68 0.95 0.00	25.74 0.91 0.00	24.09 0.77 0.00	24.37 0.58 -1.57	32.00 0.29 -14.81	24.25 0.37 -6.36	27.83 0.45 -6.93	36.06 0.61 -7.65	41.76 0.90 -3.15	46.60 0.93 -15.79	35.30 1.26 1.34	35.93 1.37 -0.97	40.55 1.63 -1.41	37.80 1.51 -3.21	25.91 0.85 -3.05	24.72 0.95 -0.40	24.51 0.77 0.00
MAPLE RIDGE_WT_1 323574	19.70 -0.10 0.00	19.39 -0.05 0.00	18.50 0.03 0.00	17.81 0.05 0.00	17.59 0.04 0.00	18.26 0.04 0.00	20.37 0.06 0.00	24.80 0.08 0.00	24.89 0.06 0.00	23.37 0.05 0.00	22.27 0.04 0.00	16.92 0.03 0.00	17.54 0.02 0.00	20.47 0.02 0.00	27.80 0.00 0.00	37.72 0.01 0.00	29.97 0.09 0.00	35.53 0.16 0.00	33.76 0.17 0.00	37.37 -0.14 0.00	32.10 -0.98 0.00	21.42 -0.60 0.00	22.66 -0.70 0.00	22.85 -0.89 0.00
MAPLE RIDGE_WT_2 323611	19.70 -0.10 0.00	19.39 -0.05 0.00	18.50 0.03 0.00	17.81 0.05 0.00	17.59 0.04 0.00	18.26 0.04 0.00	20.37 0.06 0.00	24.80 0.08 0.00	24.89 0.06 0.00	23.37 0.05 0.00	22.27 0.04 0.00	16.92 0.03 0.00	17.54 0.02 0.00	20.47 0.02 0.00	27.80 0.00 0.00	37.72 0.01 0.00	29.97 0.09 0.00	35.53 0.16 0.00	33.76 0.17 0.00	37.37 -0.14 0.00	32.10 -0.98 0.00	21.42 -0.60 0.00	22.66 -0.70 0.00	22.85 -0.89 0.00
MARBLE_RIVER_WT_PWR 323696	19.26 -0.54 0.00	18.90 -0.54 0.00	18.07 -0.41 0.00	17.55 -0.21 0.00	17.46 -0.09 0.00	18.28 0.06 0.00	20.61 0.30 0.00	25.29 0.56 0.00	25.32 0.49 0.00	23.72 0.41 0.00	22.62 0.39 0.00	17.21 0.31 0.00	17.84 0.32 0.00	20.85 0.40 0.00	28.31 0.51 0.00	38.44 0.73 0.00	30.31 0.43 0.00	35.74 0.36 0.00	33.50 -0.08 0.00	37.66 0.15 0.00	33.01 -0.07 0.00	21.76 -0.26 0.00	22.80 -0.56 0.00	23.02 -0.72 0.00
MARSHVLE_115KV_TB1 80742	21.04 1.25 0.00	20.63 1.19 0.00	19.57 1.10 0.00	18.78 1.02 0.00	18.56 1.00 0.00	19.36 1.14 0.00	21.60 1.29 0.00	26.21 1.48 0.00	26.35 1.52 0.00	24.76 1.44 0.00	25.09 1.40 -1.47	32.04 1.19 -13.96	24.94 1.37 -6.05	28.61 1.49 -6.67	37.11 2.01 -7.30	43.26 2.61 -2.94	45.67 2.23 -13.56	35.61 2.46 2.22	37.02 2.54 -0.90	41.13 2.30 -1.31	37.80 1.68 -3.04	26.10 1.23 -2.84	24.99 1.24 -0.38	25.17 1.43 0.00
MARSH_HILL_WT_PWR 323713	20.59 0.79 0.00	20.17 0.73 0.00	18.97 0.50 0.00	17.98 0.22 0.00	17.78 0.23 0.00	18.68 0.47 0.00	20.83 0.52 0.00	25.31 0.58 0.00	25.57 0.74 0.00	24.10 0.78 0.00	23.08 0.85 0.00	17.59 0.69 0.00	18.10 0.58 0.00	21.21 0.76 0.00	29.00 1.19 0.00	39.20 1.49 0.00	31.73 1.85 0.00	37.37 1.99 0.00	35.37 1.78 0.00	38.71 1.19 0.00	32.66 -0.41 0.00	21.76 -0.25 0.00	23.46 0.09 0.00	24.06 0.32 0.00
MCINTYRE_115KV_TB2 80467	19.89 0.09 0.00	19.57 0.12 0.00	18.57 0.10 0.00	17.93 0.17 0.00	17.82 0.27 0.00	18.53 0.32 0.00	20.70 0.38 0.00	25.25 0.53 0.00	25.23 0.40 0.00	23.54 0.22 0.00	22.44 0.22 0.00	17.07 0.18 0.00	17.71 0.19 0.00	20.67 0.23 0.00	28.10 0.30 0.00	38.21 0.49 0.00	29.78 -0.10 0.00	35.20 -0.18 0.00	32.94 -0.64 0.00	37.55 0.04 0.00	33.36 0.28 0.00	22.26 0.24 0.00	23.49 0.12 0.00	23.86 0.11 0.00
MECO____69_KV_BK1 80468	20.99 1.19 0.00	20.57 1.14 0.00	19.53 1.06 0.00	18.76 1.00 0.00	18.56 1.01 0.00	19.30 1.08 0.00	21.55 1.24 0.00	26.34 1.62 0.00	26.32 1.49 0.00	24.51 1.19 0.00	24.44 0.75 -1.47	31.28 0.42 -13.96	24.02 0.45 -6.05	27.46 0.34 -6.67	35.51 0.40 -7.30	41.24 0.59 -2.94	44.62 1.18 -13.56	35.50 2.34 2.22	37.27 2.79 -0.90	41.69 2.86 -1.31	38.47 2.36 -3.04	26.47 1.61 -2.84	25.28 1.54 -0.38	25.33 1.58 0.00
MENANDS__115KV_TB5 355628	20.11 0.31 0.00	19.80 0.36 0.00	18.86 0.38 0.00	18.14 0.38 0.00	17.90 0.35 0.00	18.52 0.30 0.00	20.85 0.54 0.00	25.45 0.72 0.00	25.51 0.68 0.00	23.92 0.60 0.00	24.22 0.43 -1.56	31.83 0.17 -14.77	24.12 0.25 -6.35	27.69 0.30 -6.93	35.83 0.39 -7.64	41.42 0.56 -3.14	46.16 0.63 -15.65	34.83 0.86 1.41	35.54 0.99 -0.97	40.13 1.21 -1.40	37.45 1.17 -3.20	25.69 0.63 -3.04	24.51 0.74 -0.40	24.31 0.57 0.00
MG INDUSTRY__DRP 24185	20.20 0.40 0.00	19.89 0.46 0.00	18.97 0.49 0.00	18.25 0.50 0.00	18.01 0.46 0.00	18.63 0.41 0.00	20.88 0.57 0.00	25.45 0.73 0.00	25.51 0.68 0.00	23.91 0.59 0.00	23.95 0.33 -1.39	-40.77 -0.15 57.51	-118.33 -0.21 135.64	28.26 -0.22 -8.03	36.13 -0.32 -8.64	40.60 -0.44 -3.33	47.21 -0.21 -17.54	34.60 -0.11 0.67	34.70 0.09 -1.03	39.17 0.17 -1.48	36.33 0.30 -2.96	25.36 0.12 -3.22	24.13 0.36 -0.40	24.29 0.55 0.00
MID__OSWEGATCHIE_HYD 23849	19.99 0.19 0.00	19.69 0.25 0.00	18.73 0.25 0.00	18.05 0.29 0.00	17.92 0.36 0.00	18.63 0.41 0.00	20.81 0.50 0.00	25.37 0.65 0.00	25.35 0.52 0.00	23.66 0.34 0.00	22.50 0.27 0.00	17.11 0.22 0.00	17.72 0.20 0.00	20.70 0.26 0.00	28.14 0.34 0.00	38.25 0.54 0.00	30.19 0.31 0.00	35.83 0.45 0.00	33.70 0.12 0.00	37.96 0.44 0.00	33.10 0.03 0.00	22.03 0.02 0.00	23.31 -0.05 0.00	23.75 0.01 0.00
MID__RAQUETTE_HYD 23851	19.67 -0.13 0.00	19.36 -0.08 0.00	18.40 -0.07 0.00	17.77 0.01 0.00	17.65 0.10 0.00	18.35 0.14 0.00	20.45 0.13 0.00	24.96 0.23 0.00	25.00 0.17 0.00	23.40 0.08 0.00	22.29 0.07 0.00	16.96 0.06 0.00	17.57 0.05 0.00	20.52 0.08 0.00	27.88 0.08 0.00	37.88 0.16 0.00	29.58 -0.30 0.00	34.83 -0.55 0.00	32.33 -1.25 0.00	36.82 -0.69 0.00	32.65 -0.43 0.00	21.86 -0.16 0.00	23.13 -0.23 0.00	23.51 -0.23 0.00
MILLIKEN__1 23584	20.40 0.61 0.00	19.97 0.54 0.00	18.94 0.47 0.00	18.15 0.39 0.00	17.92 0.37 0.00	18.65 0.43 0.00	20.82 0.51 0.00	25.33 0.60 0.00	25.43 0.60 0.00	23.80 0.48 0.00	22.69 0.46 0.00	17.31 0.41 0.00	17.93 0.41 0.00	20.95 0.50 0.00	28.58 0.78 0.00	38.76 1.04 0.00	31.06 1.18 0.00	36.99 1.62 0.00	35.17 1.59 0.00	39.04 1.52 0.00	33.93 0.85 0.00	22.57 0.56 0.00	23.97 0.60 0.00	24.39 0.65 0.00
MILLIKEN__2 23585	20.40 0.61 0.00	19.97 0.54 0.00	18.94 0.47 0.00	18.15 0.39 0.00	17.92 0.37 0.00	18.65 0.43 0.00	20.82 0.51 0.00	25.33 0.60 0.00	25.43 0.60 0.00	23.80 0.48 0.00	22.69 0.46 0.00	17.31 0.41 0.00	17.93 0.41 0.00	20.95 0.50 0.00	28.58 0.78 0.00	38.76 1.04 0.00	31.06 1.18 0.00	36.99 1.62 0.00	35.17 1.59 0.00	39.04 1.52 0.00	33.93 0.85 0.00	22.57 0.56 0.00	23.97 0.60 0.00	24.39 0.65 0.00
MILLIKEN__DIESEL 23629	20.40 0.61 0.00	19.97 0.54 0.00	18.94 0.47 0.00	18.15 0.39 0.00	17.92 0.37 0.00	18.65 0.43 0.00	20.82 0.51 0.00	25.33 0.60 0.00	25.43 0.60 0.00	23.80 0.48 0.00	22.69 0.46 0.00	17.31 0.41 0.00	17.93 0.41 0.00	20.95 0.50 0.00	28.58 0.78 0.00	38.76 1.04 0.00	31.06 1.18 0.00	36.99 1.62 0.00	35.17 1.59 0.00	39.04 1.52 0.00	33.93 0.85 0.00	22.57 0.56 0.00	23.97 0.60 0.00	24.39 0.65 0.00

MILLSEAT___LFGE 323607	20.17 0.38 0.00	19.83 0.39 0.00	18.61 0.13 0.00	17.50 -0.26 0.00	17.32 -0.23 0.00	18.22 0.00 0.00	20.14 -0.17 0.00	24.27 -0.46 0.00	24.79 -0.04 0.00	23.49 0.17 0.00	22.55 0.32 0.00	17.35 0.45 0.00	17.99 0.47 0.00	21.10 0.65 0.00	28.70 0.89 0.00	38.78 1.06 0.00	31.53 1.65 0.00	37.50 2.12 0.00	35.66 2.08 0.00	38.85 1.33 0.00	32.75 -0.32 0.00	21.96 -0.06 0.00	23.42 0.05 0.00	24.02 0.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.71 0.92 0.00	20.26 0.82 0.00	19.22 0.74 0.00	18.46 0.70 0.00	18.21 0.66 0.00	18.97 0.75 0.00	21.48 1.17 0.00	26.23 1.50 0.00	26.43 1.60 0.00	24.87 1.56 0.00	27.99 1.55 -4.22	62.04 1.22 -43.93	39.12 1.27 -20.34	45.95 1.48 -24.02	54.80 2.03 -24.97	48.83 2.77 -8.35	116.10 2.42 -83.80	69.80 2.81 -31.61	39.23 2.74 -2.91	44.24 2.99 -3.73	45.40 2.50 -9.83	31.79 1.69 -8.08	26.35 1.84 -1.14	25.34 1.60 0.00
MILLWOOD_13_KV_LOAD 356217	20.76 0.96 0.00	20.31 0.87 0.00	19.26 0.79 0.00	18.51 0.75 0.00	18.25 0.70 0.00	19.02 0.80 0.00	21.54 1.22 0.00	26.29 1.57 0.00	26.50 1.68 0.00	24.95 1.63 0.00	28.06 1.62 -4.22	62.10 1.27 -43.93	39.18 1.33 -20.34	46.02 1.56 -24.02	54.92 2.15 -24.97	48.99 2.93 -8.35	116.24 2.56 -83.80	69.96 2.97 -31.61	39.37 2.88 -2.91	44.41 3.16 -3.73	45.53 2.62 -9.83	31.87 1.77 -8.08	26.44 1.92 -1.14	25.41 1.67 0.00
MODEL_CITY_ENERGY 24167	19.63 -0.17 0.00	19.34 -0.10 0.00	18.14 -0.34 0.00	17.01 -0.75 0.00	16.84 -0.72 0.00	17.72 -0.49 0.00	19.47 -0.85 0.00	23.40 -1.33 0.00	24.03 -0.80 0.00	22.85 -0.47 0.00	21.97 -0.25 0.00	16.90 0.00 0.00	17.49 -0.03 0.00	20.49 0.05 0.00	27.88 0.08 0.00	37.62 -0.09 0.00	30.66 0.78 0.00	36.30 0.92 0.00	34.46 0.87 0.00	37.41 -0.11 0.00	31.41 -1.66 0.00	21.14 -0.87 0.00	22.64 -0.73 0.00	23.28 -0.47 0.00
MODERN_LFGE___ 323580	19.63 -0.17 0.00	19.34 -0.10 0.00	18.14 -0.34 0.00	17.01 -0.75 0.00	16.84 -0.72 0.00	17.72 -0.49 0.00	19.47 -0.85 0.00	23.40 -1.33 0.00	24.03 -0.80 0.00	22.85 -0.47 0.00	21.97 -0.25 0.00	16.90 0.00 0.00	17.49 -0.03 0.00	20.49 0.05 0.00	27.88 0.08 0.00	37.62 -0.09 0.00	30.66 0.78 0.00	36.30 0.92 0.00	34.46 0.87 0.00	37.41 -0.11 0.00	31.41 -1.66 0.00	21.14 -0.87 0.00	22.64 -0.73 0.00	23.28 -0.47 0.00
MOHAWK_PAPER___DRP 24187	20.24 0.44 0.00	19.93 0.49 0.00	18.97 0.49 0.00	18.25 0.48 0.00	18.00 0.45 0.00	18.63 0.42 0.00	21.01 0.70 0.00	25.68 0.95 0.00	25.74 0.91 0.00	24.09 0.77 0.00	24.37 0.58 -1.57	32.00 0.29 -14.81	24.25 0.37 -6.36	27.83 0.45 -6.93	36.06 0.61 -7.65	41.76 0.90 -3.15	46.60 0.93 -15.79	35.30 1.26 1.34	35.93 1.37 -0.97	40.55 1.63 -1.41	37.80 1.51 -3.21	25.91 0.85 -3.05	24.72 0.95 -0.40	24.51 0.77 0.00
MOHICAN___35_KV_115KV_LD 80490	20.71 0.91 0.00	20.28 0.84 0.00	19.30 0.82 0.00	18.55 0.78 0.00	18.34 0.79 0.00	19.09 0.88 0.00	21.63 1.32 0.00	26.40 1.67 0.00	26.41 1.58 0.00	24.68 1.36 0.00	24.86 1.13 -1.51	31.99 0.74 -14.35	24.35 0.74 -6.10	27.97 0.88 -6.65	36.36 1.22 -7.33	42.44 1.71 -3.03	46.44 1.75 -14.82	36.15 2.34 1.56	37.04 2.52 -0.93	41.84 2.97 -1.35	38.86 2.66 -3.12	26.49 1.55 -2.93	25.44 1.68 -0.39	25.18 1.43 0.00
MONGAUP___HYD 23641	20.70 0.90 0.00	20.25 0.81 0.00	19.21 0.74 0.00	18.44 0.68 0.00	18.18 0.63 0.00	18.92 0.70 0.00	21.33 1.02 0.00	26.06 1.34 0.00	26.20 1.37 0.00	24.56 1.24 0.00	19.30 1.18 4.11	-30.57 0.75 48.21	-19.88 0.70 38.10	-22.50 0.84 43.79	-17.75 1.03 46.57	22.37 1.51 16.84	-51.20 1.55 82.63	46.04 1.97 -8.69	30.46 2.05 5.17	32.19 2.20 7.53	25.00 1.81 9.88	7.07 1.37 16.31	23.20 1.54 1.71	25.16 1.42 0.00
MONTAUK___DIESEL 23721	23.78 2.15 -1.83	21.34 1.90 0.00	20.21 1.73 0.00	19.38 1.62 0.00	19.14 1.59 0.00	20.19 1.97 0.00	23.10 2.78 0.00	28.19 3.47 0.00	28.38 3.55 0.00	26.73 3.41 0.00	29.66 3.38 -4.05	61.89 2.66 -42.34	39.87 2.68 -19.68	46.62 2.90 -23.27	56.06 4.01 -24.25	53.40 5.60 -10.09	117.26 4.57 -82.81	74.95 5.72 -33.86	48.92 5.66 -9.68	145.10 6.07 -101.51	158.49 5.31 -120.10	46.37 3.53 -20.83	29.89 3.77 -2.75	31.17 3.57 -3.85
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.78 0.98 0.00	20.32 0.88 0.00	19.03 0.55 0.00	17.95 0.19 0.00	17.76 0.20 0.00	18.73 0.51 0.00	20.83 0.51 0.00	25.20 0.48 0.00	25.80 0.97 0.00	24.54 1.22 0.00	23.69 1.46 0.00	18.19 1.29 0.00	18.78 1.27 0.00	22.10 1.65 0.00	30.20 2.40 0.00	40.66 2.95 0.00	32.99 3.11 0.00	38.78 3.40 0.00	36.47 2.89 0.00	39.40 1.88 0.00	32.98 -0.09 0.00	22.17 0.15 0.00	23.51 0.14 0.00	23.74 0.00 0.00
MORTIMER_115KV_TB3 55949	20.00 0.20 0.00	19.62 0.18 0.00	18.52 0.04 0.00	17.58 -0.18 0.00	17.38 -0.17 0.00	18.17 -0.04 0.00	20.23 -0.08 0.00	24.52 -0.21 0.00	24.82 -0.01 0.00	23.39 0.07 0.00	22.44 0.21 0.00	17.18 0.29 0.00	17.82 0.31 0.00	20.88 0.43 0.00	28.48 0.68 0.00	38.63 0.91 0.00	31.11 1.23 0.00	36.93 1.55 0.00	35.10 1.51 0.00	38.59 1.07 0.00	33.13 0.05 0.00	22.07 0.06 0.00	23.47 0.10 0.00	23.94 0.20 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.88 1.09 0.00	20.41 0.97 0.00	19.35 0.88 0.00	18.59 0.83 0.00	18.33 0.78 0.00	19.11 0.89 0.00	21.67 1.36 0.00	26.45 1.73 0.00	26.68 1.85 0.00	25.13 1.81 0.00	28.07 1.81 -4.04	60.83 1.42 -42.51	38.63 1.48 -19.63	45.38 1.72 -23.21	54.24 2.33 -24.11	48.90 3.16 -8.03	115.34 2.73 -82.74	70.67 3.10 -32.18	39.41 3.01 -2.81	44.41 3.31 -3.59	45.28 2.77 -9.44	31.70 1.91 -7.77	26.55 2.09 -1.10	25.57 1.82 0.00
MUNSVILLE_WIND_PWR 323609	21.37 1.57 0.00	20.91 1.47 0.00	19.79 1.31 0.00	18.93 1.17 0.00	18.74 1.19 0.00	19.51 1.29 0.00	21.93 1.62 0.00	26.78 2.05 0.00	26.83 2.00 0.00	25.10 1.78 0.00	23.52 1.74 0.44	14.35 1.39 3.94	18.95 1.43 0.00	22.12 1.67 0.00	30.15 2.35 0.00	40.90 3.19 0.00	33.60 2.87 -0.85	39.96 3.87 -0.71	37.27 3.67 -0.01	41.22 3.70 0.00	35.51 2.43 0.00	23.60 1.59 0.00	24.98 1.61 0.00	25.23 1.49 0.00
N SALMON___HYD 24042	19.52 -0.27 0.00	19.17 -0.27 0.00	18.30 -0.18 0.00	17.74 -0.02 0.00	17.65 0.09 0.00	18.44 0.22 0.00	20.72 0.41 0.00	25.39 0.67 0.00	25.44 0.62 0.00	23.84 0.52 0.00	22.70 0.48 0.00	17.28 0.38 0.00	17.90 0.39 0.00	20.92 0.48 0.00	28.41 0.61 0.00	38.61 0.90 0.00	30.37 0.48 0.00	35.83 0.45 0.00	33.55 -0.03 0.00	37.82 0.30 0.00	33.25 0.18 0.00	21.99 -0.03 0.00	23.11 -0.26 0.00	23.35 -0.39 0.00
N.AKRON___115KV_KNAPP 355671	20.13 0.33 0.00	19.78 0.34 0.00	18.56 0.08 0.00	17.43 -0.33 0.00	17.26 -0.29 0.00	18.15 -0.07 0.00	20.03 -0.28 0.00	24.11 -0.62 0.00	24.65 -0.18 0.00	23.36 0.04 0.00	22.48 0.25 0.00	17.28 0.38 0.00	17.90 0.38 0.00	21.02 0.57 0.00	28.60 0.80 0.00	38.65 0.94 0.00	31.47 1.59 0.00	37.34 1.96 0.00	35.51 1.92 0.00	38.62 1.11 0.00	32.53 -0.55 0.00	21.80 -0.21 0.00	23.29 -0.07 0.00	23.91 0.17 0.00

N.BELMOR_69_KV_BK1 55787	21.13 1.33 0.00	20.59 1.16 0.00	19.51 1.03 0.00	18.72 0.96 0.00	18.46 0.91 0.00	19.31 1.10 0.00	21.90 1.59 0.00	26.69 1.97 0.00	26.89 2.06 0.00	25.34 2.02 0.00	28.35 2.07 -4.05	60.88 1.65 -42.34	38.81 1.61 -19.68	45.49 1.77 -23.27	54.59 2.53 -24.25	51.33 3.52 -10.09	115.65 2.97 -82.81	72.79 3.56 -33.86	46.73 3.47 -9.68	142.86 3.83 -101.51	156.46 3.29 -120.10	51.33 2.26 -27.05	28.61 2.49 -2.75	29.84 2.25 -3.85
N.E_GEN_SANDY PD 24062	20.36 0.56 0.00	20.00 0.56 0.00	19.03 0.55 0.00	18.30 0.54 0.00	18.07 0.51 0.00	18.73 0.52 0.00	21.14 0.82 0.00	25.89 1.07 -0.10	25.87 1.04 0.00	24.28 0.96 0.00	25.30 0.82 -2.25	40.21 0.55 -22.77	24.08 0.62 -5.94	25.73 0.73 -4.55	35.43 0.96 -6.66	45.09 1.33 -6.05	76.56 1.28 -45.40	52.88 1.61 -15.88	36.91 1.68 -1.65	41.69 2.03 -2.14	50.33 1.90 -15.35	27.76 1.12 -4.63	25.40 1.26 -0.77	24.44 1.01 0.31
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.64 0.85 0.00	20.19 0.75 0.00	19.15 0.67 0.00	18.40 0.63 0.00	18.14 0.59 0.00	18.89 0.68 0.00	21.39 1.08 0.00	26.12 1.39 0.00	26.33 1.50 0.00	24.78 1.46 0.00	18.31 1.48 5.40	-12.91 1.17 30.98	43.14 1.24 -24.38	50.58 1.47 -28.66	59.28 2.00 -29.48	50.43 2.72 -10.00	122.81 2.38 -90.55	67.65 2.78 -29.49	39.68 2.69 -3.40	44.88 2.90 -4.47	26.63 2.36 8.81	33.29 1.60 -9.68	25.22 1.73 -0.12	25.24 1.50 0.00
N.QUEENS_27_KV_LOAD 356247	20.87 1.07 0.00	20.43 0.99 0.00	19.35 0.87 0.00	18.62 0.86 0.00	18.35 0.80 0.00	19.14 0.92 0.00	21.70 1.39 0.00	26.51 1.78 0.00	26.78 1.95 0.00	25.19 1.87 0.00	28.18 1.93 -4.03	60.87 1.48 -42.50	38.66 1.51 -19.63	45.41 1.75 -23.21	54.29 2.38 -24.11	48.97 3.22 -8.03	115.39 2.77 -82.74	70.78 3.21 -32.18	39.50 3.11 -2.81	44.46 3.36 -3.59	45.31 2.79 -9.44	31.76 1.97 -7.77	26.58 2.12 -1.10	25.58 1.84 0.00
N.TROY___115KV_TB1 355778	20.36 0.57 0.00	20.03 0.59 0.00	19.07 0.59 0.00	18.34 0.58 0.00	18.11 0.55 0.00	18.75 0.53 0.00	21.11 0.80 0.00	25.76 1.03 0.00	25.80 0.98 0.00	24.18 0.86 0.00	24.48 0.69 -1.57	32.20 0.39 -14.91	24.16 0.47 -6.18	27.64 0.54 -6.65	35.93 0.72 -7.41	41.87 1.00 -3.15	47.43 1.00 -16.55	36.02 1.33 0.69	36.01 1.46 -0.97	40.69 1.76 -1.41	38.00 1.69 -3.25	26.01 0.95 -3.05	24.86 1.08 -0.40	24.63 0.89 0.00
NARROWS_GT1_1 24228	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT1_2 24229	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT1_3 24230	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT1_4 24231	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT1_5 24232	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT1_6 24233	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT1_7 24234	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT1_8 24235	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT2_1 24236	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT2_2 24237	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00

NARROWS_GT2_3 24238	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT2_4 24239	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT2_5 24240	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT2_6 24241	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT2_7 24242	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NARROWS_GT2_8 24243	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.88 -23.21	54.45 2.54 -24.11	49.21 3.46 -8.03	115.57 2.96 -82.74	70.97 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.38 0.58 0.00	20.09 0.65 0.00	19.16 0.68 0.00	18.43 0.67 0.00	18.19 0.64 0.00	18.81 0.60 0.00	21.23 0.92 0.00	25.92 1.19 0.00	25.91 1.08 0.00	24.14 0.82 0.00	23.70 0.42 -1.05	-60.72 0.06 77.67	-153.28 0.12 170.92	30.88 0.19 -10.24	38.91 0.29 -10.82	42.12 0.42 -3.98	58.35 0.65 -27.82	41.39 1.14 -4.87	36.30 1.43 -1.29	41.04 1.74 -1.78	37.16 1.61 -2.47	26.77 0.90 -3.86	24.75 0.97 -0.41	24.57 0.82 0.00
NCHELSEA_115KV_TR2 355582	20.84 1.04 0.00	20.37 0.94 0.00	19.35 0.87 0.00	18.59 0.83 0.00	18.33 0.78 0.00	19.09 0.87 0.00	21.66 1.35 0.00	26.46 1.73 0.00	26.64 1.81 0.00	25.07 1.75 0.00	24.61 1.70 -0.69	33.54 1.32 -15.32	38.38 1.37 -19.49	45.20 1.63 -23.12	54.04 2.28 -23.96	48.86 3.16 -7.99	113.33 2.80 -80.65	69.31 3.34 -30.59	39.61 3.24 -2.78	44.69 3.60 -3.57	38.92 2.99 -2.86	31.72 1.97 -7.73	26.15 2.09 -0.70	25.51 1.77 0.00
NEG CAPITAL___MECHNVIL 23645	20.67 0.88 0.00	20.28 0.84 0.00	19.30 0.83 0.00	18.55 0.78 0.00	18.32 0.77 0.00	19.01 0.79 0.00	21.46 1.14 0.00	26.17 1.45 0.00	26.23 1.40 0.00	24.58 1.26 0.00	24.84 1.08 -1.53	32.17 0.72 -14.55	24.41 0.78 -6.12	28.00 0.92 -6.63	36.40 1.25 -7.35	42.54 1.76 -3.07	47.02 1.67 -15.47	36.32 2.16 1.22	36.77 2.24 -0.95	41.47 2.58 -1.37	38.56 2.32 -3.17	26.36 1.37 -2.97	25.24 1.48 -0.39	25.03 1.29 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.63 -0.16 0.00	19.25 -0.19 0.00	18.20 -0.28 0.00	17.33 -0.43 0.00	17.12 -0.43 0.00	17.89 -0.33 0.00	19.93 -0.38 0.00	24.17 -0.55 0.00	24.39 -0.43 0.00	22.97 -0.35 0.00	22.01 -0.21 0.00	16.86 -0.03 0.00	17.51 -0.01 0.00	20.50 0.06 0.00	27.95 0.15 0.00	37.90 0.19 0.00	30.44 0.56 0.00	36.23 0.85 0.00	34.39 0.81 0.00	37.90 0.38 0.00	32.65 -0.43 0.00	21.74 -0.28 0.00	23.07 -0.29 0.00	23.52 -0.22 0.00
NEG CENTRAL___DRP 24199	20.11 0.31 0.00	19.68 0.24 0.00	18.64 0.16 0.00	17.82 0.06 0.00	17.60 0.05 0.00	18.35 0.13 0.00	20.47 0.16 0.00	24.88 0.15 0.00	25.01 0.18 0.00	23.46 0.14 0.00	22.42 0.19 0.00	17.13 0.23 0.00	17.75 0.23 0.00	20.75 0.31 0.00	28.28 0.47 0.00	38.35 0.64 0.00	30.78 0.90 0.00	36.59 1.21 0.00	34.74 1.15 0.00	38.46 0.94 0.00	33.27 0.19 0.00	22.18 0.16 0.00	23.57 0.20 0.00	24.02 0.28 0.00
NEG CENTRAL___INDECK 23768	20.78 0.98 0.00	20.34 0.91 0.00	19.15 0.67 0.00	18.15 0.39 0.00	17.95 0.39 0.00	18.85 0.63 0.00	21.04 0.73 0.00	25.54 0.82 0.00	25.78 0.96 0.00	24.06 0.74 0.00	23.00 0.77 0.00	17.49 0.59 0.00	17.82 0.30 0.00	20.79 0.35 0.00	28.37 0.57 0.00	38.44 0.72 0.00	31.06 1.19 0.00	36.94 1.56 0.00	35.54 1.96 0.00	39.13 1.61 0.00	33.27 0.19 0.00	22.19 0.17 0.00	24.11 0.74 0.00	24.66 0.92 0.00
NEG CENTRAL___SENECA 23627	20.24 0.45 0.00	19.82 0.38 0.00	18.73 0.25 0.00	17.88 0.11 0.00	17.67 0.12 0.00	18.45 0.24 0.00	20.60 0.29 0.00	25.08 0.35 0.00	25.22 0.39 0.00	23.67 0.35 0.00	22.64 0.42 0.00	17.29 0.39 0.00	17.90 0.38 0.00	20.95 0.50 0.00	28.55 0.75 0.00	38.74 1.02 0.00	31.17 1.30 0.00	37.00 1.62 0.00	35.14 1.55 0.00	38.86 1.35 0.00	33.46 0.38 0.00	22.36 0.34 0.00	23.76 0.39 0.00	24.16 0.42 0.00
NEG CENTRAL___STATE_STREET 24147	20.18 0.38 0.00	19.71 0.28 0.00	18.75 0.27 0.00	17.98 0.22 0.00	17.74 0.19 0.00	18.51 0.29 0.00	20.67 0.35 0.00	25.05 0.33 0.00	25.21 0.38 0.00	23.57 0.25 0.00	22.51 0.28 0.00	17.24 0.34 0.00	17.87 0.35 0.00	20.88 0.44 0.00	28.46 0.65 0.00	38.53 0.81 0.00	30.85 0.97 0.00	36.76 1.38 0.00	34.80 1.22 0.00	38.57 1.06 0.00	33.54 0.47 0.00	22.32 0.31 0.00	23.72 0.35 0.00	24.26 0.52 0.00
NEG MILLWOOD___DRP 24198	20.89 1.10 0.00	20.42 0.98 0.00	19.38 0.90 0.00	18.62 0.86 0.00	18.37 0.82 0.00	19.14 0.92 0.00	21.70 1.39 0.00	26.52 1.79 0.00	26.70 1.87 0.00	25.13 1.81 0.00	26.10 1.77 -2.11	44.58 1.38 -26.30	37.47 1.45 -18.50	44.13 1.71 -21.98	52.93 2.37 -22.76	48.54 3.29 -7.54	112.80 2.89 -80.04	70.98 3.41 -32.19	39.55 3.31 -2.66	44.56 3.68 -3.36	41.76 3.07 -5.61	31.33 2.03 -7.29	26.35 2.14 -0.83	25.59 1.85 0.00



NEG NORTH_FLCN_SEA 23793	19.47 -0.33 0.00	19.08 -0.35 0.00	18.26 -0.22 0.00	17.71 -0.05 0.00	17.61 0.05 0.00	18.46 0.24 0.00	20.86 0.55 0.00	25.61 0.88 0.00	25.60 0.77 0.00	23.97 0.65 0.00	22.84 0.61 0.00	17.39 0.49 0.00	18.02 0.50 0.00	21.07 0.62 0.00	28.61 0.81 0.00	38.86 1.15 0.00	30.72 0.84 0.00	36.22 0.84 0.00	33.95 0.36 0.00	38.19 0.68 0.00	33.44 0.37 0.00	22.04 0.02 0.00	23.11 -0.26 0.00	23.27 -0.48 0.00
NEG NORTH_KES_CHATEGAY 23792	19.30 -0.50 0.00	18.95 -0.49 0.00	18.11 -0.37 0.00	17.59 -0.17 0.00	17.50 -0.05 0.00	18.32 0.10 0.00	20.61 0.29 0.00	25.29 0.56 0.00	25.33 0.50 0.00	23.73 0.41 0.00	22.61 0.38 0.00	17.20 0.30 0.00	17.83 0.31 0.00	20.83 0.38 0.00	28.29 0.49 0.00	38.41 0.69 0.00	30.26 0.38 0.00	35.70 0.32 0.00	33.52 -0.07 0.00	37.68 0.16 0.00	33.06 -0.02 0.00	21.79 -0.22 0.00	22.86 -0.51 0.00	23.08 -0.66 0.00
NEG NORTH___ALICE_FALLS 23915	19.52 -0.28 0.00	19.13 -0.30 0.00	18.30 -0.18 0.00	17.75 -0.02 0.00	17.65 0.10 0.00	18.50 0.28 0.00	20.91 0.59 0.00	25.67 0.94 0.00	25.67 0.84 0.00	24.02 0.70 0.00	22.88 0.66 0.00	17.42 0.52 0.00	18.05 0.53 0.00	21.10 0.66 0.00	28.66 0.86 0.00	38.95 1.23 0.00	30.79 0.91 0.00	36.35 0.97 0.00	34.10 0.51 0.00	38.36 0.84 0.00	33.58 0.51 0.00	22.11 0.10 0.00	23.18 -0.19 0.00	23.34 -0.40 0.00
NEG NORTH___LWR_SARANAC 23913	19.52 -0.28 0.00	19.13 -0.30 0.00	18.30 -0.18 0.00	17.75 -0.02 0.00	17.65 0.10 0.00	18.50 0.28 0.00	20.91 0.59 0.00	25.67 0.94 0.00	25.67 0.84 0.00	24.02 0.70 0.00	22.88 0.66 0.00	17.42 0.52 0.00	18.05 0.53 0.00	21.10 0.66 0.00	28.66 0.86 0.00	38.95 1.23 0.00	30.79 0.91 0.00	36.35 0.97 0.00	34.10 0.51 0.00	38.36 0.84 0.00	33.58 0.51 0.00	22.11 0.10 0.00	23.18 -0.19 0.00	23.34 -0.40 0.00
NEG NORTH___PLATTSBURG 23628	19.53 -0.27 0.00	19.13 -0.31 0.00	18.30 -0.18 0.00	17.75 -0.02 0.00	17.65 0.10 0.00	18.49 0.27 0.00	20.90 0.59 0.00	25.67 0.94 0.00	25.66 0.84 0.00	24.02 0.70 0.00	22.88 0.66 0.00	17.41 0.52 0.00	18.05 0.53 0.00	21.10 0.66 0.00	28.66 0.86 0.00	38.95 1.23 0.00	30.79 0.91 0.00	36.35 0.97 0.00	34.10 0.51 0.00	38.35 0.84 0.00	33.58 0.51 0.00	22.12 0.10 0.00	23.18 -0.19 0.00	23.34 -0.41 0.00
NEG WEST_LEA_LOCKPORT 23791	19.81 0.01 0.00	19.48 0.04 0.00	18.27 -0.21 0.00	17.14 -0.62 0.00	16.97 -0.59 0.00	17.86 -0.36 0.00	19.66 -0.66 0.00	23.61 -1.11 0.00	24.21 -0.62 0.00	22.98 -0.34 0.00	22.14 -0.09 0.00	17.01 0.11 0.00	17.59 0.07 0.00	20.64 0.19 0.00	28.10 0.30 0.00	37.95 0.23 0.00	30.94 1.06 0.00	36.59 1.22 0.00	34.73 1.15 0.00	37.72 0.21 0.00	31.71 -1.37 0.00	21.30 -0.72 0.00	22.80 -0.56 0.00	23.51 -0.24 0.00
NEG WEST___LANCASTR 23811	20.68 0.88 0.00	20.29 0.85 0.00	19.05 0.57 0.00	17.94 0.18 0.00	17.75 0.20 0.00	18.72 0.51 0.00	20.72 0.41 0.00	25.06 0.33 0.00	25.59 0.76 0.00	24.28 0.97 0.00	23.39 1.16 0.00	17.94 1.04 0.00	18.51 1.00 0.00	21.73 1.29 0.00	29.70 1.90 0.00	40.10 2.39 0.00	32.64 2.76 0.00	38.38 3.00 0.00	36.29 2.70 0.00	39.63 2.12 0.00	33.43 0.36 0.00	22.47 0.45 0.00	24.01 0.65 0.00	24.52 0.78 0.00
NEG_PENN_ALLEGHNY 23528	20.29 0.49 0.00	19.88 0.44 0.00	18.85 0.37 0.00	18.04 0.28 0.00	17.81 0.25 0.00	18.55 0.34 0.00	20.77 0.46 0.00	25.30 0.57 0.00	25.44 0.61 0.00	23.94 0.62 0.00	22.86 0.63 0.00	17.40 0.50 0.00	18.02 0.50 0.00	21.07 0.63 0.00	28.76 0.96 0.00	38.96 1.25 0.00	32.06 1.33 -0.85	37.63 1.54 -0.71	35.02 1.43 -0.01	38.88 1.36 0.00	33.79 0.71 0.00	22.55 0.53 0.00	23.98 0.61 0.00	24.34 0.59 0.00
NEG___GEN_MONROE 24207	20.30 0.50 0.00	19.83 0.39 0.00	18.68 0.20 0.00	17.67 -0.09 0.00	17.46 -0.09 0.00	18.29 0.07 0.00	20.36 0.05 0.00	24.66 -0.07 0.00	24.96 0.13 0.00	23.48 0.16 0.00	22.52 0.30 0.00	17.25 0.35 0.00	17.88 0.36 0.00	20.95 0.50 0.00	28.58 0.77 0.00	38.77 1.06 0.00	31.22 1.34 0.00	37.22 1.84 0.00	35.46 1.88 0.00	38.96 1.44 0.00	33.28 0.20 0.00	22.17 0.15 0.00	23.59 0.22 0.00	24.07 0.32 0.00
NEPA___ENERGY 23901	20.22 0.42 0.00	19.80 0.36 0.00	18.57 0.09 0.00	17.52 -0.24 0.00	17.33 -0.22 0.00	18.31 0.09 0.00	20.42 0.11 0.00	24.75 0.03 0.00	25.24 0.41 0.00	23.92 0.60 0.00	23.04 0.82 0.00	17.69 0.79 0.00	18.24 0.72 0.00	21.42 0.98 0.00	29.41 1.61 0.00	39.56 1.85 0.00	32.12 2.24 0.00	37.61 2.23 0.00	35.33 1.75 0.00	38.69 1.17 0.00	32.62 -0.46 0.00	22.03 0.01 0.00	23.55 0.19 0.00	24.00 0.25 0.00
NEVERSINK___HYD 23608	20.70 0.90 0.00	20.24 0.80 0.00	19.20 0.72 0.00	18.49 0.73 0.00	18.23 0.68 0.00	18.97 0.75 0.00	21.59 1.28 0.00	26.47 1.75 0.00	26.70 1.88 0.00	25.04 1.72 0.00	22.87 1.63 0.99	1.46 1.30 16.74	-0.43 1.34 19.29	29.21 1.60 -7.17	36.26 2.08 -6.38	42.64 2.95 -1.98	63.23 2.67 -30.69	55.19 3.30 -16.51	37.61 3.25 -0.78	42.08 3.68 -0.88	34.32 2.95 1.70	25.89 1.96 -1.92	25.43 2.03 -0.03	25.31 1.57 0.00
NEWKRMKL_115KV_TB1 55635	20.03 0.23 0.00	19.71 0.28 0.00	18.78 0.30 0.00	18.06 0.30 0.00	17.82 0.27 0.00	18.43 0.22 0.00	20.75 0.44 0.00	25.33 0.60 0.00	25.40 0.57 0.00	23.82 0.49 0.00	24.11 0.34 -1.54	31.62 0.10 -14.62	24.07 0.17 -6.38	27.67 0.22 -7.01	35.77 0.28 -7.69	41.25 0.42 -3.12	45.55 0.51 -15.17	34.37 0.71 1.71	35.37 0.84 -0.96	39.92 1.01 -1.39	37.22 0.97 -3.17	25.56 0.52 -3.02	24.37 0.61 -0.40	24.19 0.45 0.00
NEWTON___FALLS_HYD 23847	19.99 0.19 0.00	19.69 0.25 0.00	18.73 0.25 0.00	18.05 0.29 0.00	17.92 0.36 0.00	18.63 0.41 0.00	20.81 0.50 0.00	25.37 0.65 0.00	25.35 0.52 0.00	23.66 0.34 0.00	22.50 0.27 0.00	17.11 0.22 0.00	17.72 0.20 0.00	20.70 0.26 0.00	28.14 0.34 0.00	38.25 0.54 0.00	30.19 0.31 0.00	35.83 0.45 0.00	33.70 0.12 0.00	37.96 0.44 0.00	33.10 0.03 0.00	22.03 0.02 0.00	23.31 -0.05 0.00	23.75 0.01 0.00
NGRID_A1_DSASP 323792	19.54 -0.26 0.00	19.24 -0.20 0.00	18.05 -0.43 0.00	16.91 -0.85 0.00	16.73 -0.82 0.00	17.62 -0.60 0.00	19.38 -0.93 0.00	23.24 -1.49 0.00	23.81 -1.02 0.00	22.66 -0.66 0.00	21.79 -0.43 0.00	16.83 -0.07 0.00	17.41 -0.11 0.00	20.40 -0.05 0.00	27.77 -0.04 0.00	37.42 -0.29 0.00	30.37 0.49 0.00	35.94 0.57 0.00	34.10 0.52 0.00	37.03 -0.49 0.00	31.06 -2.01 0.00	20.92 -1.10 0.00	22.51 -0.86 0.00	23.12 -0.63 0.00
NGRID_A2_DSASP 323793	19.54 -0.26 0.00	19.24 -0.20 0.00	18.05 -0.43 0.00	16.91 -0.85 0.00	16.73 -0.82 0.00	17.62 -0.60 0.00	19.38 -0.93 0.00	23.24 -1.49 0.00	23.81 -1.02 0.00	22.66 -0.66 0.00	21.79 -0.43 0.00	16.83 -0.07 0.00	17.41 -0.11 0.00	20.40 -0.05 0.00	27.77 -0.04 0.00	37.42 -0.29 0.00	30.37 0.49 0.00	35.94 0.57 0.00	34.10 0.52 0.00	37.03 -0.49 0.00	31.06 -2.01 0.00	20.92 -1.10 0.00	22.51 -0.86 0.00	23.12 -0.63 0.00

NGRID_A4_DSASP 323807	19.55 -0.24 0.00	19.24 -0.20 0.00	18.05 -0.43 0.00	16.91 -0.85 0.00	16.73 -0.82 0.00	17.62 -0.60 0.00	19.38 -0.93 0.00	23.23 -1.49 0.00	23.80 -1.02 0.00	22.61 -0.71 0.00	21.79 -0.44 0.00	16.80 -0.10 0.00	17.37 -0.15 0.00	20.37 -0.08 0.00	27.73 -0.07 0.00	37.41 -0.30 0.00	30.39 0.51 0.00	35.92 0.54 0.00	34.11 0.53 0.00	37.01 -0.50 0.00	31.08 -2.00 0.00	20.90 -1.11 0.00	22.51 -0.86 0.00	23.11 -0.63 0.00
NIAGARA_115E_LBMP 323715	19.53 -0.27 0.00	19.25 -0.18 0.00	18.06 -0.42 0.00	16.94 -0.82 0.00	16.75 -0.80 0.00	17.64 -0.58 0.00	19.35 -0.96 0.00	23.26 -1.47 0.00	23.90 -0.92 0.00	22.73 -0.59 0.00	21.86 -0.36 0.00	16.81 -0.08 0.00	17.40 -0.12 0.00	20.37 -0.08 0.00	27.71 -0.09 0.00	37.38 -0.33 0.00	30.48 0.60 0.00	36.08 0.71 0.00	34.25 0.66 0.00	37.16 -0.35 0.00	31.20 -1.88 0.00	21.02 -1.00 0.00	22.51 -0.85 0.00	23.15 -0.59 0.00
NIAGARA_115W_LBMP 323714	19.50 -0.30 0.00	19.20 -0.24 0.00	18.01 -0.47 0.00	16.88 -0.88 0.00	16.69 -0.86 0.00	17.58 -0.63 0.00	19.34 -0.97 0.00	23.18 -1.54 0.00	23.75 -1.07 0.00	22.59 -0.73 0.00	21.74 -0.49 0.00	16.79 -0.11 0.00	17.38 -0.14 0.00	20.36 -0.09 0.00	27.69 -0.11 0.00	37.32 -0.40 0.00	30.28 0.40 0.00	35.83 0.46 0.00	34.00 0.42 0.00	36.91 -0.60 0.00	30.98 -2.10 0.00	20.86 -1.15 0.00	22.46 -0.91 0.00	23.07 -0.67 0.00
NIAGARA_230_LBMP 323716	19.65 -0.15 0.00	19.34 -0.10 0.00	18.15 -0.33 0.00	17.03 -0.73 0.00	16.84 -0.72 0.00	17.73 -0.49 0.00	19.52 -0.80 0.00	23.47 -1.25 0.00	24.06 -0.77 0.00	22.89 -0.43 0.00	22.02 -0.21 0.00	16.93 0.03 0.00	17.50 -0.02 0.00	20.50 0.05 0.00	27.90 0.10 0.00	37.67 -0.04 0.00	30.65 0.78 0.00	36.26 0.88 0.00	34.38 0.79 0.00	37.41 -0.11 0.00	31.45 -1.63 0.00	21.15 -0.87 0.00	22.67 -0.70 0.00	23.25 -0.49 0.00
NIAGARA__115KV_198_GIBSON 55903	19.52 -0.28 0.00	19.20 -0.24 0.00	18.01 -0.46 0.00	16.88 -0.88 0.00	16.70 -0.85 0.00	17.58 -0.64 0.00	19.34 -0.97 0.00	23.18 -1.54 0.00	23.74 -1.08 0.00	22.54 -0.78 0.00	21.72 -0.50 0.00	16.76 -0.14 0.00	17.33 -0.19 0.00	20.33 -0.12 0.00	27.66 -0.14 0.00	37.30 -0.41 0.00	30.30 0.42 0.00	35.81 0.43 0.00	34.01 0.42 0.00	36.90 -0.61 0.00	30.99 -2.08 0.00	20.85 -1.17 0.00	22.46 -0.91 0.00	23.06 -0.68 0.00
NIAGARA____ 23760	19.65 -0.15 0.00	19.34 -0.10 0.00	18.15 -0.33 0.00	17.03 -0.73 0.00	16.84 -0.72 0.00	17.73 -0.49 0.00	19.52 -0.80 0.00	23.47 -1.25 0.00	24.06 -0.77 0.00	22.89 -0.43 0.00	22.02 -0.21 0.00	16.93 0.03 0.00	17.50 -0.02 0.00	20.50 0.05 0.00	27.90 0.10 0.00	37.67 -0.04 0.00	30.65 0.78 0.00	36.26 0.88 0.00	34.38 0.79 0.00	37.41 -0.11 0.00	31.45 -1.63 0.00	21.15 -0.87 0.00	22.67 -0.70 0.00	23.25 -0.49 0.00
NINE_MILE_1 23575	19.42 -0.37 0.00	19.07 -0.37 0.00	18.11 -0.37 0.00	17.37 -0.39 0.00	17.15 -0.40 0.00	17.80 -0.42 0.00	19.76 -0.55 0.00	23.99 -0.74 0.00	24.07 -0.75 0.00	22.62 -0.71 0.00	21.58 -0.64 0.00	16.47 -0.43 0.00	17.07 -0.44 0.00	19.90 -0.54 0.00	27.08 -0.72 0.00	36.73 -0.99 0.00	29.24 -0.64 0.00	34.68 -0.70 0.00	32.95 -0.64 0.00	36.64 -0.88 0.00	32.09 -0.99 0.00	21.38 -0.64 0.00	22.72 -0.64 0.00	23.23 -0.51 0.00
NINE_MILE_2 23744	19.43 -0.37 0.00	19.07 -0.37 0.00	18.11 -0.37 0.00	17.37 -0.39 0.00	17.15 -0.40 0.00	17.80 -0.42 0.00	19.77 -0.54 0.00	23.99 -0.74 0.00	24.07 -0.75 0.00	22.62 -0.71 0.00	21.58 -0.64 0.00	16.47 -0.43 0.00	17.07 -0.44 0.00	19.90 -0.54 0.00	27.08 -0.72 0.00	36.73 -0.99 0.00	29.24 -0.64 0.00	34.68 -0.70 0.00	32.95 -0.64 0.00	36.64 -0.88 0.00	32.09 -0.99 0.00	21.38 -0.64 0.00	22.72 -0.64 0.00	23.24 -0.51 0.00
NM_CAPITAL____DRP 24208	20.06 0.26 0.00	19.75 0.31 0.00	18.81 0.33 0.00	18.10 0.33 0.00	17.86 0.31 0.00	18.47 0.26 0.00	20.80 0.49 0.00	25.38 0.65 0.00	25.44 0.62 0.00	23.86 0.54 0.00	24.16 0.37 -1.56	31.80 0.13 -14.78	24.10 0.20 -6.37	27.66 0.25 -6.97	35.78 0.31 -7.67	41.31 0.45 -3.15	46.08 0.54 -15.66	34.69 0.75 1.43	35.42 0.87 -0.97	40.01 1.08 -1.41	37.34 1.06 -3.21	25.63 0.57 -3.05	24.43 0.67 -0.40	24.24 0.50 0.00
NM_CENTRAL____DRP 24181	19.91 0.11 0.00	19.53 0.09 0.00	18.52 0.05 0.00	17.75 -0.02 0.00	17.52 -0.03 0.00	18.20 -0.02 0.00	20.26 -0.05 0.00	24.62 -0.11 0.00	24.72 -0.12 0.00	23.21 -0.11 0.00	22.18 -0.05 0.00	16.92 0.03 0.00	17.53 0.01 0.00	20.43 -0.01 0.00	27.83 0.03 0.00	37.75 0.04 0.00	30.16 0.28 0.00	35.79 0.42 0.00	34.03 0.45 0.00	37.76 0.24 0.00	32.93 -0.14 0.00	21.92 -0.09 0.00	23.32 -0.04 0.00	23.80 0.06 0.00
NM_FRONTIER____DRP 24179	19.52 -0.28 0.00	19.20 -0.24 0.00	18.01 -0.46 0.00	16.88 -0.88 0.00	16.70 -0.85 0.00	17.58 -0.64 0.00	19.34 -0.97 0.00	23.18 -1.54 0.00	23.74 -1.08 0.00	22.54 -0.78 0.00	21.72 -0.50 0.00	16.76 -0.14 0.00	17.33 -0.19 0.00	20.33 -0.12 0.00	27.66 -0.14 0.00	37.30 -0.41 0.00	30.30 0.42 0.00	35.81 0.43 0.00	34.01 0.42 0.00	36.90 -0.61 0.00	30.99 -2.08 0.00	20.85 -1.17 0.00	22.46 -0.91 0.00	23.06 -0.68 0.00
NM_ST_REGIS____HYD 24053	19.64 -0.16 0.00	19.32 -0.12 0.00	18.38 -0.10 0.00	17.77 0.01 0.00	17.66 0.11 0.00	18.38 0.16 0.00	20.53 0.22 0.00	25.10 0.38 0.00	25.14 0.31 0.00	23.54 0.22 0.00	22.43 0.20 0.00	17.06 0.17 0.00	17.68 0.16 0.00	20.65 0.20 0.00	28.04 0.24 0.00	38.11 0.40 0.00	29.82 -0.06 0.00	35.13 -0.25 0.00	32.68 -0.90 0.00	37.12 -0.40 0.00	32.86 -0.22 0.00	21.92 -0.10 0.00	23.14 -0.23 0.00	23.49 -0.25 0.00
NORTHPORT____1 23551	21.17 1.37 0.00	20.59 1.15 0.00	19.51 1.03 0.00	18.73 0.96 0.00	18.48 0.93 0.00	19.33 1.11 0.00	22.00 1.69 0.00	26.77 2.04 0.00	26.89 2.06 0.00	25.35 2.03 0.00	28.35 2.07 -4.05	60.86 1.63 -42.34	38.80 1.61 -19.68	45.36 1.65 -23.27	54.34 2.29 -24.25	51.05 3.25 -10.09	115.40 2.71 -82.81	72.63 3.40 -33.86	46.67 3.41 -9.68	142.63 3.60 -101.51	156.46 3.28 -120.10	45.00 2.26 -20.72	28.51 2.40 -2.75	29.89 2.30 -3.85
NORTHPORT____2 23552	21.17 1.37 0.00	20.59 1.15 0.00	19.51 1.03 0.00	18.73 0.96 0.00	18.48 0.93 0.00	19.33 1.11 0.00	22.00 1.69 0.00	26.77 2.04 0.00	26.89 2.06 0.00	25.35 2.03 0.00	28.35 2.07 -4.05	60.86 1.63 -42.34	38.80 1.61 -19.68	45.36 1.65 -23.27	54.34 2.29 -24.25	51.05 3.25 -10.09	115.40 2.71 -82.81	72.63 3.40 -33.86	46.67 3.41 -9.68	142.63 3.60 -101.51	156.46 3.28 -120.10	45.00 2.26 -20.72	28.51 2.40 -2.75	29.89 2.30 -3.85
NORTHPORT____3 23553	20.98 1.27 0.09	20.51 1.08 0.00	19.43 0.95 0.00	18.65 0.89 0.00	18.40 0.85 0.00	19.22 1.00 0.00	21.84 1.53 0.00	26.59 1.86 0.00	26.74 1.91 0.00	25.19 1.88 0.00	28.23 1.95 -4.05	60.76 1.53 -42.34	38.68 1.48 -19.68	45.26 1.54 -23.27	54.24 2.18 -24.25	50.86 3.06 -10.09	115.28 2.59 -82.81	72.41 3.18 -33.86	46.43 3.17 -9.68	142.44 3.42 -101.51	156.16 2.99 -120.10	44.44 2.05 -20.38	28.40 2.29 -2.75	29.74 2.14 -3.85

NORTHPORT___4 23650	20.98 1.27 0.09	20.51 1.08 0.00	19.43 0.95 0.00	18.65 0.89 0.00	18.40 0.85 0.00	19.22 1.00 0.00	21.84 1.53 0.00	26.59 1.86 0.00	26.74 1.91 0.00	25.19 1.88 0.00	28.23 1.95 -4.05	60.76 1.53 -42.34	38.68 1.48 -19.68	45.26 1.54 -23.27	54.24 2.18 -24.25	50.86 3.06 -10.09	115.28 2.59 -82.81	72.41 3.18 -33.86	46.43 3.17 -9.68	142.44 3.42 -101.51	156.16 2.99 -120.10	44.44 2.05 -20.38	28.40 2.29 -2.75	29.74 2.14 -3.85
NORTHPORT___IC 23718	21.17 1.37 0.00	20.59 1.15 0.00	19.51 1.03 0.00	18.73 0.96 0.00	18.48 0.93 0.00	19.33 1.11 0.00	22.00 1.69 0.00	26.77 2.04 0.00	26.89 2.06 0.00	25.35 2.03 0.00	28.35 2.07 -4.05	60.86 1.63 -42.34	38.80 1.61 -19.68	45.36 1.65 -23.27	54.34 2.29 -24.25	51.05 3.25 -10.09	115.40 2.71 -82.81	72.63 3.40 -33.86	46.67 3.41 -9.68	142.63 3.60 -101.51	156.46 3.28 -120.10	45.00 2.26 -20.72	28.51 2.40 -2.75	29.89 2.30 -3.85
NORTH___COUNTRY_ESR 323785	19.23 -0.57 0.00	18.87 -0.57 0.00	18.05 -0.43 0.00	17.53 -0.23 0.00	17.45 -0.10 0.00	18.25 0.04 0.00	20.54 0.23 0.00	25.19 0.47 0.00	25.25 0.42 0.00	23.67 0.35 0.00	22.56 0.33 0.00	17.16 0.26 0.00	17.79 0.27 0.00	20.79 0.34 0.00	28.23 0.42 0.00	38.33 0.61 0.00	30.17 0.29 0.00	35.59 0.21 0.00	33.38 -0.20 0.00	37.51 0.00 0.00	32.93 -0.15 0.00	21.70 -0.31 0.00	22.76 -0.61 0.00	23.00 -0.75 0.00
NPX_GEN_1385_PROXY 323591	20.99 1.19 0.00	20.47 0.86 -0.17	19.28 0.81 0.00	18.54 0.78 0.00	18.31 0.76 0.00	19.07 0.85 0.00	21.66 1.34 0.00	26.13 1.40 0.00	25.97 1.14 0.00	24.53 1.21 0.00	27.39 1.11 -4.05	60.14 0.91 -42.34	38.08 0.88 -19.68	44.52 0.81 -23.27	53.23 1.18 -24.25	49.57 1.77 -10.09	109.48 1.53 -78.07	71.50 2.27 -33.86	45.79 2.53 -9.68	141.38 2.35 -101.51	155.77 2.59 -120.10	44.50 1.76 -20.72	27.57 1.46 -2.75	29.15 1.56 -3.85
NPX_GEN_CSC 323557	23.26 1.63 -1.84	20.99 1.37 -0.17	19.71 1.24 0.00	18.91 1.15 0.00	18.66 1.11 0.00	19.56 1.34 0.00	22.27 1.96 0.00	27.16 2.43 0.00	27.31 2.48 0.00	25.70 2.38 0.00	28.67 2.39 -4.05	61.12 1.88 -42.34	39.08 1.88 -19.68	45.68 1.97 -23.27	54.78 2.73 -24.25	51.66 3.86 -10.09	115.77 3.09 -82.81	73.16 3.93 -33.86	47.24 3.98 -9.68	143.30 4.27 -101.51	157.06 3.88 -120.10	45.45 2.60 -20.83	28.91 2.79 -2.75	30.21 2.62 -3.85
NSINS_S_GLNS_FALLS 23858	20.69 0.90 0.00	20.27 0.83 0.00	19.29 0.81 0.00	18.53 0.77 0.00	18.32 0.77 0.00	19.08 0.86 0.00	21.62 1.30 0.00	26.37 1.65 0.00	26.38 1.56 0.00	24.67 1.35 0.00	24.85 1.12 -1.51	31.96 0.74 -14.33	24.34 0.72 -6.09	27.95 0.86 -6.65	36.33 1.20 -7.33	42.41 1.67 -3.02	46.32 1.70 -14.74	36.06 2.28 1.60	37.01 2.49 -0.93	41.79 2.93 -1.35	38.82 2.63 -3.12	26.47 1.53 -2.92	25.41 1.66 -0.39	25.16 1.42 0.00
NUCOR_STEEL___DRP 24197	20.13 0.33 0.00	19.68 0.25 0.00	18.73 0.25 0.00	17.97 0.21 0.00	17.73 0.18 0.00	18.43 0.21 0.00	20.48 0.17 0.00	24.83 0.11 0.00	25.00 0.17 0.00	23.37 0.06 0.00	22.31 0.09 0.00	17.09 0.20 0.00	17.73 0.21 0.00	20.72 0.27 0.00	28.23 0.43 0.00	38.21 0.50 0.00	30.57 0.69 0.00	36.44 1.07 0.00	34.48 0.89 0.00	38.22 0.70 0.00	33.28 0.20 0.00	22.14 0.12 0.00	23.52 0.15 0.00	24.08 0.33 0.00
NUMBER_THREE_WT_PWR 323818	20.24 0.45 0.00	19.97 0.53 0.00	19.02 0.54 0.00	18.31 0.55 0.00	18.14 0.60 0.00	18.86 0.64 0.00	21.09 0.78 0.00	25.69 0.96 0.00	25.63 0.81 0.00	23.87 0.55 0.00	22.66 0.44 0.00	17.23 0.34 0.00	17.83 0.31 0.00	20.83 0.38 0.00	28.34 0.54 0.00	38.56 0.84 0.00	30.72 0.84 0.00	36.72 1.34 0.00	34.93 1.35 0.00	38.89 1.37 0.00	33.35 0.28 0.00	22.05 0.03 0.00	23.34 -0.03 0.00	23.88 0.14 0.00
NYISO_LBMP_REFERENCE 24008	19.80 0.00 0.00	19.44 0.00 0.00	18.48 0.00 0.00	17.76 0.00 0.00	17.55 0.00 0.00	18.22 0.00 0.00	20.31 0.00 0.00	24.73 0.00 0.00	24.83 0.00 0.00	23.32 0.00 0.00	22.23 0.00 0.00	16.90 0.00 0.00	17.52 0.00 0.00	20.45 0.00 0.00	27.80 0.00 0.00	37.71 0.00 0.00	29.88 0.00 0.00	35.38 0.00 0.00	33.58 0.00 0.00	37.52 0.00 0.00	33.08 0.00 0.00	22.02 0.00 0.00	23.37 0.00 0.00	23.74 0.00 0.00
NYPA_BRENTWD___GT 24164	21.59 1.60 -0.19	20.83 1.39 0.00	19.72 1.25 0.00	18.92 1.16 0.00	18.67 1.12 0.00	19.55 1.33 0.00	22.27 1.96 0.00	27.13 2.41 0.00	27.27 2.44 0.00	25.69 2.37 0.00	28.69 2.41 -4.05	61.13 1.90 -42.34	39.10 1.91 -19.68	45.65 1.94 -23.27	54.64 2.58 -24.25	51.45 3.64 -10.09	115.75 3.06 -82.81	73.04 3.80 -33.86	46.96 3.70 -9.68	142.93 3.90 -101.51	156.76 3.58 -120.10	45.66 2.56 -21.08	28.84 2.73 -2.75	30.16 2.57 -3.85
NYPA_GOWANUS___GT5 24156	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.54 1.88 -23.21	54.44 2.53 -24.11	49.20 3.45 -8.03	115.56 2.95 -82.74	70.97 3.41 -32.18	39.67 3.27 -2.81	44.65 3.55 -3.59	45.43 2.92 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NYPA_GOWANUS___GT6 24157	21.01 1.21 0.00	20.55 1.11 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.04 0.00	21.82 1.51 0.00	26.65 1.93 0.00	26.88 2.05 -0.01	25.30 1.98 0.00	30.74 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.54 1.88 -23.21	54.44 2.53 -24.11	49.20 3.45 -8.03	115.56 2.95 -82.74	70.97 3.41 -32.18	39.67 3.27 -2.81	44.65 3.55 -3.59	45.43 2.92 -9.44	31.90 2.10 -7.78	26.77 2.29 -1.11	25.76 2.01 0.00
NYPA_HARLEM__RVR_GT1 24160	20.84 1.04 0.00	20.41 0.97 0.00	19.33 0.86 0.00	18.60 0.84 0.00	18.33 0.78 0.00	19.12 0.90 0.00	21.67 1.36 0.00	26.46 1.73 0.00	26.72 1.88 -0.01	25.11 1.80 0.00	28.11 1.85 -4.03	60.82 1.42 -42.50	38.61 1.47 -19.62	45.35 1.69 -23.21	54.23 2.31 -24.11	48.86 3.12 -8.03	115.31 2.69 -82.74	70.69 3.13 -32.18	39.43 3.04 -2.81	44.40 3.30 -3.59	45.26 2.74 -9.44	31.73 1.93 -7.78	26.55 2.07 -1.11	25.54 1.80 0.00
NYPA_HARLEM__RVR_GT2 24161	20.84 1.04 0.00	20.41 0.97 0.00	19.33 0.86 0.00	18.60 0.84 0.00	18.33 0.78 0.00	19.12 0.90 0.00	21.67 1.36 0.00	26.46 1.73 0.00	26.72 1.88 -0.01	25.11 1.80 0.00	28.11 1.85 -4.03	60.82 1.42 -42.50	38.61 1.47 -19.62	45.35 1.69 -23.21	54.23 2.31 -24.11	48.86 3.12 -8.03	115.31 2.69 -82.74	70.69 3.13 -32.18	39.43 3.04 -2.81	44.40 3.30 -3.59	45.26 2.74 -9.44	31.73 1.93 -7.78	26.55 2.07 -1.11	25.54 1.80 0.00
NYPA_KENT___GT 24152	20.99 1.20 0.00	20.54 1.10 0.00	19.46 0.98 0.00	18.70 0.94 0.00	18.44 0.88 0.00	19.23 1.02 0.00	21.81 1.50 0.00	26.64 1.91 0.00	26.88 2.05 -0.01	25.28 1.96 0.00	30.73 1.99 -6.51	62.36 1.55 -43.91	40.41 1.62 -21.27	45.53 1.87 -23.21	54.41 2.50 -24.11	49.14 3.39 -8.03	115.50 2.89 -82.74	70.90 3.34 -32.18	39.62 3.23 -2.81	44.61 3.50 -3.59	45.41 2.90 -9.44	31.88 2.08 -7.78	26.75 2.27 -1.11	25.73 1.99 0.00

NYPA_POUCH1____GT 24155	21.03 1.24 0.00	20.58 1.14 0.00	19.49 1.02 0.00	18.73 0.97 0.00	18.47 0.92 0.00	19.28 1.06 0.00	21.86 1.54 0.00	26.69 1.96 0.00	26.92 2.08 -0.01	25.33 2.01 0.00	30.68 2.03 -6.43	61.74 1.59 -43.25	40.24 1.65 -21.07	45.27 1.88 -22.94	54.45 2.54 -24.11	49.22 3.47 -8.03	115.57 2.96 -82.74	70.97 3.42 -32.17	39.67 3.28 -2.81	44.66 3.56 -3.59	45.18 2.93 -9.17	31.94 2.14 -7.78	26.81 2.34 -1.11	25.79 2.05 0.00
NYPA_VERNON____GT2 24162	20.98 1.18 0.00	20.52 1.08 0.00	19.44 0.96 0.00	18.69 0.92 0.00	18.42 0.87 0.00	19.22 1.00 0.00	21.80 1.48 0.00	26.62 1.90 0.00	26.87 2.04 -0.01	25.26 1.94 0.00	30.72 1.98 -6.51	62.34 1.54 -43.91	40.39 1.61 -21.27	45.52 1.85 -23.21	54.38 2.47 -24.11	49.06 3.32 -8.03	115.43 2.82 -82.74	70.83 3.26 -32.18	39.58 3.18 -2.81	44.55 3.44 -3.59	45.38 2.87 -9.44	31.85 2.05 -7.78	26.73 2.25 -1.11	25.71 1.97 0.00
NYPA_VERNON____GT3 24163	20.98 1.18 0.00	20.52 1.08 0.00	19.44 0.96 0.00	18.69 0.92 0.00	18.42 0.87 0.00	19.22 1.00 0.00	21.80 1.48 0.00	26.62 1.90 0.00	26.87 2.04 -0.01	25.26 1.94 0.00	30.72 1.98 -6.51	62.34 1.54 -43.91	40.39 1.61 -21.27	45.52 1.85 -23.21	54.38 2.47 -24.11	49.06 3.32 -8.03	115.43 2.82 -82.74	70.83 3.26 -32.18	39.58 3.18 -2.81	44.55 3.44 -3.59	45.38 2.87 -9.44	31.85 2.05 -7.78	26.73 2.25 -1.11	25.71 1.97 0.00
NYPA____ASTORIA_CC1 323568	20.95 1.15 0.00	20.49 1.05 0.00	19.42 0.94 0.00	18.66 0.90 0.00	18.40 0.84 0.00	19.19 0.97 0.00	21.76 1.44 0.00	26.58 1.84 0.00	26.82 1.98 -0.01	25.21 1.89 0.00	30.67 1.94 -6.51	62.30 1.50 -43.91	40.35 1.57 -21.27	45.47 1.81 -23.21	54.33 2.41 -24.11	49.00 3.25 -8.03	115.39 2.77 -82.74	70.77 3.21 -32.18	39.53 3.13 -2.81	44.49 3.39 -3.59	45.34 2.83 -9.44	31.82 2.02 -7.78	26.68 2.21 -1.11	25.67 1.93 0.00
NYPA____ASTORIA_CC2 323569	20.95 1.15 0.00	20.49 1.05 0.00	19.42 0.94 0.00	18.66 0.90 0.00	18.40 0.84 0.00	19.19 0.97 0.00	21.76 1.44 0.00	26.58 1.84 0.00	26.82 1.98 -0.01	25.21 1.89 0.00	30.67 1.94 -6.51	62.30 1.50 -43.91	40.35 1.57 -21.27	45.47 1.81 -23.21	54.33 2.41 -24.11	49.00 3.25 -8.03	115.39 2.77 -82.74	70.77 3.21 -32.18	39.53 3.13 -2.81	44.49 3.39 -3.59	45.34 2.83 -9.44	31.82 2.02 -7.78	26.68 2.21 -1.11	25.67 1.93 0.00
NYPA____HOLTSVILL 23794	23.17 1.53 -1.84	20.73 1.29 0.00	19.63 1.16 0.00	18.84 1.08 0.00	18.58 1.03 0.00	19.47 1.25 0.00	22.17 1.86 0.00	27.01 2.29 0.00	27.17 2.34 0.00	25.58 2.26 0.00	28.57 2.29 -4.05	61.03 1.80 -42.34	39.00 1.80 -19.68	45.58 1.86 -23.27	54.63 2.57 -24.25	51.43 3.63 -10.09	115.66 2.97 -82.81	72.99 3.75 -33.86	47.06 3.80 -9.68	143.09 4.07 -101.51	156.83 3.65 -120.10	45.28 2.46 -20.81	28.76 2.65 -2.75	30.08 2.49 -3.85
NYPA____HELLGATE_GT1 24158	20.84 1.04 0.00	20.41 0.97 0.00	19.33 0.86 0.00	18.60 0.84 0.00	18.33 0.78 0.00	19.12 0.90 0.00	21.67 1.36 0.00	26.46 1.73 0.00	26.72 1.88 -0.01	25.11 1.80 0.00	28.11 1.85 -4.03	60.82 1.42 -42.50	38.61 1.46 -19.62	45.33 1.68 -23.21	54.20 2.29 -24.11	48.84 3.09 -8.03	115.29 2.67 -82.74	70.66 3.10 -32.18	39.40 3.01 -2.81	44.37 3.27 -3.59	45.23 2.71 -9.44	31.73 1.93 -7.78	26.55 2.07 -1.11	25.54 1.80 0.00
NYPA____HELLGATE_GT2 24159	20.84 1.04 0.00	20.41 0.97 0.00	19.33 0.86 0.00	18.60 0.84 0.00	18.33 0.78 0.00	19.12 0.90 0.00	21.67 1.36 0.00	26.46 1.73 0.00	26.72 1.88 -0.01	25.11 1.80 0.00	28.11 1.85 -4.03	60.82 1.42 -42.50	38.61 1.46 -19.62	45.33 1.68 -23.21	54.20 2.29 -24.11	48.84 3.09 -8.03	115.29 2.67 -82.74	70.66 3.10 -32.18	39.40 3.01 -2.81	44.37 3.27 -3.59	45.23 2.71 -9.44	31.73 1.93 -7.78	26.55 2.07 -1.11	25.54 1.80 0.00
NYS_BARGE____HYD 23848	19.82 0.02 0.00	19.51 0.08 0.00	18.30 -0.18 0.00	17.17 -0.59 0.00	16.99 -0.56 0.00	17.89 -0.33 0.00	19.68 -0.63 0.00	23.65 -1.07 0.00	24.26 -0.56 0.00	23.07 -0.25 0.00	22.19 -0.04 0.00	17.07 0.17 0.00	17.67 0.15 0.00	20.72 0.27 0.00	28.20 0.39 0.00	38.04 0.32 0.00	30.99 1.11 0.00	36.72 1.34 0.00	34.85 1.26 0.00	37.85 0.34 0.00	31.80 -1.28 0.00	21.39 -0.63 0.00	22.88 -0.49 0.00	23.55 -0.20 0.00
OAK ORCHARD____HYD 24046	20.00 0.20 0.00	19.61 0.17 0.00	18.51 0.04 0.00	17.58 -0.18 0.00	17.37 -0.18 0.00	18.17 -0.04 0.00	20.23 -0.08 0.00	24.52 -0.20 0.00	24.82 0.00 0.00	23.41 0.09 0.00	22.45 0.22 0.00	17.19 0.30 0.00	17.84 0.32 0.00	20.89 0.45 0.00	28.49 0.69 0.00	38.63 0.91 0.00	31.10 1.22 0.00	36.94 1.56 0.00	35.09 1.50 0.00	38.59 1.07 0.00	33.12 0.04 0.00	22.08 0.06 0.00	23.47 0.11 0.00	23.94 0.20 0.00
OAKDALE__35_KV_LOAD 356122	20.21 0.42 0.00	19.81 0.36 0.00	18.78 0.31 0.00	17.99 0.23 0.00	17.75 0.20 0.00	18.48 0.27 0.00	20.69 0.38 0.00	25.18 0.46 0.00	25.33 0.50 0.00	23.83 0.51 0.00	22.76 0.53 0.00	17.33 0.44 0.00	17.95 0.43 0.00	20.97 0.53 0.00	28.62 0.82 0.00	38.77 1.05 0.00	31.89 1.16 -0.85	37.41 1.32 -0.71	34.82 1.23 -0.01	38.66 1.15 0.00	33.63 0.55 0.00	22.45 0.43 0.00	23.88 0.52 0.00	24.24 0.50 0.00
OCC_CHEM____DRP 24175	19.55 -0.24 0.00	19.24 -0.20 0.00	18.05 -0.43 0.00	16.91 -0.85 0.00	16.73 -0.82 0.00	17.62 -0.60 0.00	19.38 -0.93 0.00	23.23 -1.49 0.00	23.80 -1.02 0.00	22.61 -0.71 0.00	21.79 -0.44 0.00	16.80 -0.10 0.00	17.37 -0.15 0.00	20.37 -0.08 0.00	27.73 -0.07 0.00	37.41 -0.30 0.00	30.39 0.51 0.00	35.92 0.54 0.00	34.11 0.53 0.00	37.01 -0.50 0.00	31.08 -2.00 0.00	20.90 -1.11 0.00	22.51 -0.86 0.00	23.11 -0.63 0.00
OH_GEN_PROXY 24063	19.67 -0.12 0.00	19.53 -0.08 -0.17	18.17 -0.31 0.00	17.05 -0.71 0.00	16.86 -0.69 0.00	17.75 -0.46 0.00	19.57 -0.74 0.00	23.56 -1.16 0.00	24.14 -0.69 0.00	22.96 -0.36 0.00	22.08 -0.15 0.00	16.96 0.07 0.00	17.53 0.01 0.00	20.54 0.09 0.00	27.97 0.17 0.00	37.78 0.07 0.00	30.72 0.84 0.00	36.34 0.96 0.00	34.45 0.86 0.00	37.51 0.00 0.00	31.55 -1.53 0.00	21.21 -0.80 0.00	27.90 -0.65 -5.18	23.30 -0.45 0.00
OLIN_CORP_DRP 24177	19.58 -0.21 0.00	19.28 -0.15 0.00	18.08 -0.39 0.00	16.96 -0.80 0.00	16.78 -0.77 0.00	17.66 -0.56 0.00	19.39 -0.92 0.00	23.31 -1.41 0.00	23.94 -0.88 0.00	22.73 -0.59 0.00	21.90 -0.33 0.00	16.81 -0.08 0.00	17.38 -0.13 0.00	20.38 -0.06 0.00	27.74 -0.06 0.00	37.46 -0.26 0.00	30.56 0.68 0.00	36.14 0.76 0.00	34.31 0.73 0.00	37.23 -0.28 0.00	31.28 -1.80 0.00	21.04 -0.98 0.00	22.55 -0.81 0.00	23.18 -0.57 0.00
OLIN_CORP_DSASP 323712	19.54 -0.26 0.00	19.24 -0.20 0.00	18.05 -0.43 0.00	16.91 -0.85 0.00	16.73 -0.82 0.00	17.62 -0.60 0.00	19.38 -0.93 0.00	23.24 -1.49 0.00	23.81 -1.02 0.00	22.66 -0.66 0.00	21.79 -0.43 0.00	16.83 -0.07 0.00	17.41 -0.11 0.00	20.40 -0.05 0.00	27.77 -0.04 0.00	37.42 -0.29 0.00	30.37 0.49 0.00	35.94 0.57 0.00	34.10 0.52 0.00	37.03 -0.49 0.00	31.06 -2.01 0.00	20.92 -1.10 0.00	22.51 -0.86 0.00	23.12 -0.63 0.00

ONEIDA_HERK_LFGE 323681	20.29 0.49 0.00	19.96 0.52 0.00	18.98 0.50 0.00	18.24 0.48 0.00	18.05 0.50 0.00	18.74 0.52 0.00	20.91 0.60 0.00	25.49 0.76 0.00	25.49 0.66 0.00	23.82 0.50 0.00	22.65 0.42 0.00	17.23 0.34 0.00	17.85 0.33 0.00	20.85 0.41 0.00	28.40 0.60 0.00	38.59 0.88 0.00	30.76 0.88 0.00	36.64 1.27 0.00	34.88 1.29 0.00	38.86 1.34 0.00	33.73 0.65 0.00	22.37 0.35 0.00	23.68 0.31 0.00	24.09 0.34 0.00
ONEIDA___115KV_TB4 55905	20.43 0.63 0.00	20.05 0.61 0.00	19.03 0.55 0.00	18.27 0.51 0.00	18.05 0.50 0.00	18.74 0.52 0.00	20.92 0.60 0.00	25.49 0.76 0.00	25.50 0.67 0.00	23.84 0.52 0.00	22.72 0.49 0.00	17.30 0.41 0.00	17.93 0.42 0.00	20.95 0.51 0.00	28.59 0.79 0.00	38.83 1.12 0.00	31.01 1.13 0.00	36.95 1.57 0.00	35.22 1.63 0.00	39.15 1.64 0.00	34.08 1.00 0.00	22.61 0.60 0.00	23.95 0.58 0.00	24.30 0.56 0.00
ONONDAGA_REF_OCCRA 23987	20.03 0.24 0.00	19.65 0.21 0.00	18.63 0.15 0.00	17.85 0.09 0.00	17.63 0.08 0.00	18.32 0.10 0.00	20.41 0.10 0.00	24.80 0.08 0.00	24.89 0.06 0.00	23.37 0.05 0.00	22.32 0.09 0.00	17.02 0.13 0.00	17.64 0.12 0.00	20.56 0.12 0.00	28.03 0.23 0.00	38.02 0.30 0.00	30.39 0.51 0.00	36.07 0.70 0.00	34.31 0.72 0.00	38.08 0.57 0.00	33.22 0.14 0.00	22.10 0.09 0.00	23.50 0.14 0.00	23.96 0.22 0.00
ONONDAGA___COGEN 23986	20.04 0.24 0.00	19.65 0.21 0.00	18.65 0.17 0.00	17.87 0.11 0.00	17.65 0.10 0.00	18.33 0.11 0.00	20.38 0.07 0.00	24.75 0.03 0.00	24.84 0.01 0.00	23.30 -0.01 0.00	22.26 0.03 0.00	17.00 0.11 0.00	17.62 0.10 0.00	20.54 0.09 0.00	27.98 0.18 0.00	37.95 0.23 0.00	30.32 0.44 0.00	36.02 0.64 0.00	34.24 0.65 0.00	37.98 0.47 0.00	33.18 0.11 0.00	22.07 0.06 0.00	23.44 0.08 0.00	23.93 0.18 0.00
ONTARIO___LFGE 23819	20.23 0.44 0.00	19.82 0.38 0.00	18.73 0.25 0.00	17.88 0.11 0.00	17.67 0.12 0.00	18.46 0.24 0.00	20.60 0.29 0.00	25.07 0.35 0.00	25.22 0.39 0.00	23.68 0.36 0.00	22.64 0.42 0.00	17.29 0.39 0.00	17.90 0.38 0.00	20.95 0.51 0.00	28.54 0.74 0.00	38.73 1.02 0.00	31.16 1.29 0.00	37.01 1.63 0.00	35.13 1.55 0.00	38.86 1.35 0.00	33.46 0.38 0.00	22.36 0.34 0.00	23.75 0.39 0.00	24.16 0.42 0.00
ORANGEVILLE_WT_PWR 323706	20.18 0.39 0.00	19.80 0.36 0.00	18.60 0.12 0.00	17.54 -0.22 0.00	17.35 -0.20 0.00	18.25 0.04 0.00	20.25 -0.06 0.00	24.49 -0.23 0.00	24.94 0.11 0.00	23.67 0.35 0.00	22.74 0.52 0.00	17.41 0.51 0.00	17.97 0.46 0.00	21.07 0.63 0.00	28.77 0.97 0.00	38.84 1.13 0.00	31.52 1.65 0.00	37.17 1.79 0.00	35.14 1.55 0.00	38.23 0.72 0.00	32.18 -0.90 0.00	21.61 -0.41 0.00	23.13 -0.24 0.00	23.64 -0.10 0.00
ORANGEVILLE___ESR 323794	20.18 0.39 0.00	19.80 0.36 0.00	18.60 0.12 0.00	17.54 -0.22 0.00	17.35 -0.20 0.00	18.25 0.04 0.00	20.25 -0.06 0.00	24.49 -0.23 0.00	24.94 0.11 0.00	23.67 0.35 0.00	22.74 0.52 0.00	17.41 0.51 0.00	17.97 0.46 0.00	21.07 0.63 0.00	28.77 0.97 0.00	38.84 1.13 0.00	31.52 1.65 0.00	37.17 1.79 0.00	35.14 1.55 0.00	38.23 0.72 0.00	32.18 -0.90 0.00	21.61 -0.41 0.00	23.13 -0.24 0.00	23.64 -0.10 0.00
OSWEGATCHIE___HYD 24044	19.98 0.19 0.00	19.69 0.25 0.00	18.73 0.25 0.00	18.05 0.29 0.00	17.92 0.36 0.00	18.63 0.41 0.00	20.81 0.50 0.00	25.37 0.64 0.00	25.35 0.52 0.00	23.66 0.34 0.00	22.50 0.27 0.00	17.11 0.22 0.00	17.72 0.20 0.00	20.70 0.26 0.00	28.14 0.34 0.00	38.25 0.54 0.00	30.19 0.31 0.00	35.83 0.45 0.00	33.70 0.12 0.00	37.96 0.44 0.00	33.10 0.03 0.00	22.03 0.02 0.00	23.31 -0.05 0.00	23.76 0.01 0.00
OSWEGO___5 23606	19.54 -0.25 0.00	19.18 -0.26 0.00	18.21 -0.27 0.00	17.46 -0.30 0.00	17.25 -0.30 0.00	17.91 -0.31 0.00	19.90 -0.41 0.00	24.16 -0.57 0.00	24.26 -0.57 0.00	22.78 -0.54 0.00	21.74 -0.48 0.00	16.59 -0.30 0.00	17.20 -0.32 0.00	20.05 -0.39 0.00	27.29 -0.52 0.00	37.00 -0.71 0.00	29.47 -0.41 0.00	34.96 -0.41 0.00	33.21 -0.37 0.00	36.92 -0.60 0.00	32.33 -0.74 0.00	21.53 -0.48 0.00	22.89 -0.48 0.00	23.38 -0.36 0.00
OSWEGO___6 23613	19.54 -0.25 0.00	19.18 -0.26 0.00	18.21 -0.27 0.00	17.46 -0.30 0.00	17.25 -0.30 0.00	17.91 -0.31 0.00	19.90 -0.41 0.00	24.16 -0.57 0.00	24.26 -0.57 0.00	22.78 -0.54 0.00	21.74 -0.48 0.00	16.59 -0.30 0.00	17.20 -0.32 0.00	20.05 -0.39 0.00	27.29 -0.52 0.00	37.00 -0.71 0.00	29.47 -0.41 0.00	34.96 -0.41 0.00	33.21 -0.37 0.00	36.92 -0.60 0.00	32.33 -0.74 0.00	21.53 -0.48 0.00	22.89 -0.48 0.00	23.38 -0.36 0.00
OUTOKUMPU-AB___DRP 24206	20.08 0.28 0.00	19.73 0.30 0.00	18.51 0.04 0.00	17.37 -0.39 0.00	17.19 -0.36 0.00	18.10 -0.12 0.00	19.94 -0.37 0.00	23.97 -0.75 0.00	24.56 -0.27 0.00	23.34 0.02 0.00	22.49 0.27 0.00	17.31 0.41 0.00	17.91 0.39 0.00	21.05 0.60 0.00	28.69 0.89 0.00	38.72 1.00 0.00	31.53 1.65 0.00	37.24 1.86 0.00	35.29 1.70 0.00	38.32 0.80 0.00	32.17 -0.91 0.00	21.62 -0.40 0.00	23.16 -0.21 0.00	23.75 0.01 0.00
OXBOW___ 24026	19.84 0.04 0.00	19.52 0.08 0.00	18.31 -0.16 0.00	17.17 -0.59 0.00	16.99 -0.57 0.00	17.89 -0.32 0.00	19.70 -0.61 0.00	23.65 -1.08 0.00	24.25 -0.58 0.00	23.07 -0.25 0.00	22.19 -0.03 0.00	17.12 0.23 0.00	17.73 0.21 0.00	20.80 0.35 0.00	28.32 0.52 0.00	38.19 0.47 0.00	31.03 1.15 0.00	36.72 1.34 0.00	34.80 1.21 0.00	37.78 0.26 0.00	31.69 -1.39 0.00	21.33 -0.69 0.00	22.87 -0.50 0.00	23.49 -0.26 0.00
OXY_CHEM_DSASP 323612	19.55 -0.24 0.00	19.24 -0.20 0.00	18.05 -0.43 0.00	16.91 -0.85 0.00	16.73 -0.82 0.00	17.62 -0.60 0.00	19.38 -0.93 0.00	23.23 -1.49 0.00	23.80 -1.02 0.00	22.61 -0.71 0.00	21.79 -0.44 0.00	16.80 -0.10 0.00	17.37 -0.15 0.00	20.37 -0.08 0.00	27.73 -0.07 0.00	37.41 -0.30 0.00	30.39 0.51 0.00	35.92 0.54 0.00	34.11 0.53 0.00	37.01 -0.50 0.00	31.08 -2.00 0.00	20.90 -1.11 0.00	22.51 -0.86 0.00	23.11 -0.63 0.00
OZONE_PARK_ESR 323760	21.11 1.32 0.00	20.63 1.19 0.00	19.55 1.07 0.00	18.77 1.01 0.00	18.49 0.94 0.00	19.30 1.09 0.00	21.91 1.59 0.00	26.77 2.04 0.00	27.02 2.19 0.00	25.46 2.14 0.00	28.40 2.14 -4.04	61.08 1.68 -42.50	38.89 1.74 -19.63	45.69 2.03 -23.21	54.69 2.78 -24.11	49.50 3.75 -8.03	115.85 3.24 -82.74	71.23 3.67 -32.18	39.91 3.51 -2.81	44.97 3.86 -3.59	45.73 3.22 -9.44	31.99 2.20 -7.77	26.88 2.41 -1.10	25.87 2.13 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.55 -0.24 0.00	19.24 -0.20 0.00	18.05 -0.43 0.00	16.91 -0.85 0.00	16.73 -0.82 0.00	17.62 -0.60 0.00	19.38 -0.93 0.00	23.23 -1.49 0.00	23.80 -1.02 0.00	22.61 -0.71 0.00	21.79 -0.44 0.00	16.80 -0.10 0.00	17.37 -0.15 0.00	20.37 -0.08 0.00	27.73 -0.07 0.00	37.41 -0.30 0.00	30.39 0.51 0.00	35.92 0.54 0.00	34.11 0.53 0.00	37.01 -0.50 0.00	31.08 -2.00 0.00	20.90 -1.11 0.00	22.51 -0.86 0.00	23.11 -0.63 0.00

PACKARD__115KV_DUPONT_184 80571	19.55 -0.24 0.00	19.24 -0.20 0.00	18.05 -0.43 0.00	16.91 -0.85 0.00	16.73 -0.82 0.00	17.62 -0.60 0.00	19.38 -0.93 0.00	23.23 -1.49 0.00	23.80 -1.02 0.00	22.61 -0.71 0.00	21.79 -0.44 0.00	16.80 -0.10 0.00	17.37 -0.15 0.00	20.37 -0.08 0.00	27.73 -0.07 0.00	37.41 -0.30 0.00	30.39 0.51 0.00	35.92 0.54 0.00	34.11 0.53 0.00	37.01 -0.50 0.00	31.08 -2.00 0.00	20.90 -1.11 0.00	22.51 -0.86 0.00	23.11 -0.63 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.85 1.05 0.00	20.43 0.99 0.00	19.36 0.88 0.00	18.62 0.86 0.00	18.35 0.80 0.00	19.13 0.91 0.00	21.67 1.35 0.00	26.46 1.73 0.00	26.69 1.86 0.00	25.10 1.78 0.00	28.07 1.81 -4.03	60.79 1.40 -42.50	38.61 1.46 -19.63	45.36 1.70 -23.21	54.23 2.32 -24.11	48.89 3.15 -8.03	115.33 2.72 -82.74	70.75 3.19 -32.18	39.50 3.11 -2.81	44.46 3.36 -3.59	45.32 2.81 -9.44	31.76 1.97 -7.77	26.55 2.09 -1.10	25.56 1.82 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.85 1.05 0.00	20.49 1.05 0.00	19.40 0.92 0.00	18.66 0.90 0.00	18.41 0.86 0.00	19.15 0.94 0.00	21.65 1.33 0.00	26.43 1.71 0.00	26.68 1.85 0.00	25.07 1.75 0.00	28.03 1.78 -4.03	60.74 1.34 -42.50	38.57 1.42 -19.63	45.34 1.68 -23.21	54.23 2.32 -24.11	48.89 3.15 -8.03	115.34 2.73 -82.74	70.73 3.16 -32.18	39.49 3.09 -2.81	44.42 3.33 -3.59	45.26 2.74 -9.44	31.72 1.93 -7.77	26.54 2.07 -1.10	25.55 1.81 0.00
PATROON__115KV_TB1 80586	20.10 0.30 0.00	19.78 0.34 0.00	18.84 0.36 0.00	18.12 0.36 0.00	17.88 0.33 0.00	18.50 0.28 0.00	20.83 0.51 0.00	25.41 0.68 0.00	25.48 0.66 0.00	23.90 0.58 0.00	24.19 0.42 -1.54	31.68 0.17 -14.61	24.11 0.25 -6.34	27.71 0.30 -6.95	35.84 0.40 -7.64	41.41 0.58 -3.11	45.73 0.65 -15.20	34.60 0.88 1.65	35.52 0.98 -0.95	40.08 1.17 -1.39	37.36 1.11 -3.17	25.64 0.61 -3.01	24.46 0.70 -0.40	24.28 0.54 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.59 0.79 0.00	20.21 0.77 0.00	18.96 0.48 0.00	17.84 0.07 0.00	17.65 0.10 0.00	18.61 0.40 0.00	20.58 0.27 0.00	24.88 0.16 0.00	25.44 0.62 0.00	24.16 0.84 0.00	23.28 1.06 0.00	17.87 0.97 0.00	18.46 0.94 0.00	21.68 1.23 0.00	29.62 1.81 0.00	40.01 2.29 0.00	32.58 2.70 0.00	38.35 2.97 0.00	36.27 2.68 0.00	39.52 2.01 0.00	33.29 0.21 0.00	22.37 0.35 0.00	23.90 0.53 0.00	24.40 0.66 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.89 1.10 0.00	20.42 0.98 0.00	19.38 0.90 0.00	18.62 0.86 0.00	18.37 0.82 0.00	19.14 0.92 0.00	21.70 1.39 0.00	26.52 1.79 0.00	26.70 1.87 0.00	25.13 1.81 0.00	26.10 1.77 -2.11	44.58 1.38 -26.30	37.47 1.45 -18.50	44.13 1.71 -21.98	52.93 2.37 -22.76	48.54 3.29 -7.54	112.80 2.89 -80.04	70.98 3.41 -32.19	39.55 3.31 -2.66	44.56 3.68 -3.36	41.76 3.07 -5.61	31.33 2.03 -7.29	26.35 2.14 -0.83	25.59 1.85 0.00
PEEKSKILL____ 23653	20.70 0.91 0.00	20.24 0.80 0.00	19.20 0.73 0.00	18.45 0.69 0.00	18.19 0.64 0.00	18.95 0.73 0.00	21.46 1.15 0.00	26.20 1.48 0.00	26.41 1.58 0.00	24.85 1.53 0.00	28.08 1.53 -4.32	63.03 1.20 -44.93	39.50 1.26 -20.72	46.38 1.47 -24.46	55.26 2.02 -25.44	48.99 2.75 -8.52	116.66 2.40 -84.38	69.47 2.80 -31.29	39.26 2.72 -2.96	44.30 2.98 -3.81	45.60 2.47 -10.05	31.94 1.67 -8.25	26.36 1.82 -1.17	25.32 1.57 0.00
PGE MADISON__WINDPWR 24146	21.37 1.57 0.00	20.91 1.47 0.00	19.79 1.31 0.00	18.93 1.17 0.00	18.74 1.19 0.00	19.51 1.29 0.00	21.93 1.62 0.00	26.78 2.05 0.00	26.83 2.00 0.00	25.10 1.78 0.00	23.52 1.74 0.44	14.35 1.39 3.94	18.95 1.43 0.00	22.12 1.67 0.00	30.15 2.35 0.00	40.90 3.19 0.00	33.60 2.87 -0.85	39.96 3.87 -0.71	37.27 3.67 -0.01	41.22 3.70 0.00	35.51 2.43 0.00	23.60 1.59 0.00	24.98 1.61 0.00	25.23 1.49 0.00
PIERCEFIELD__HYD 23852	19.67 -0.13 0.00	19.36 -0.08 0.00	18.40 -0.07 0.00	17.77 0.01 0.00	17.65 0.10 0.00	18.35 0.14 0.00	20.45 0.13 0.00	24.96 0.23 0.00	25.00 0.17 0.00	23.40 0.08 0.00	22.29 0.07 0.00	16.96 0.06 0.00	17.57 0.05 0.00	20.52 0.08 0.00	27.88 0.08 0.00	37.88 0.16 0.00	29.58 -0.30 0.00	34.83 -0.55 0.00	32.33 -1.25 0.00	36.82 -0.69 0.00	32.65 -0.43 0.00	21.86 -0.16 0.00	23.13 -0.23 0.00	23.51 -0.23 0.00
PINELAWN_CC_1 323563	21.33 1.45 -0.08	20.67 1.23 0.00	19.58 1.11 0.00	18.79 1.03 0.00	18.53 0.98 0.00	19.39 1.18 0.00	22.07 1.76 0.00	26.89 2.17 0.00	27.06 2.23 0.00	25.48 2.16 0.00	28.49 2.21 -4.05	60.98 1.75 -42.34	38.94 1.74 -19.68	45.58 1.87 -23.27	54.67 2.62 -24.25	51.49 3.69 -10.09	115.80 3.12 -82.81	73.05 3.82 -33.86	47.01 3.75 -9.68	143.09 4.06 -101.51	156.72 3.54 -120.10	46.65 2.42 -22.21	28.73 2.62 -2.75	30.01 2.41 -3.85
PJM_GEN_HTP_PROXY 323702	20.90 1.10 0.00	20.42 0.98 0.00	19.35 0.88 0.00	18.59 0.83 0.00	18.33 0.78 0.00	19.12 0.90 0.00	21.67 1.36 0.00	26.57 1.75 -0.10	26.71 1.88 0.00	25.16 1.84 0.00	28.12 1.86 -4.04	60.85 1.46 -42.50	38.66 1.51 -19.63	45.42 1.76 -23.22	54.30 2.39 -24.11	48.98 3.24 -8.03	115.44 2.82 -82.74	70.75 3.19 -32.18	39.45 3.05 -2.81	44.44 3.34 -3.59	45.28 2.76 -9.44	31.70 1.91 -7.77	26.57 2.10 -1.10	25.58 1.83 0.00
PJM_GEN_KEystone 24065	20.30 0.51 0.00	19.89 0.45 0.00	18.79 0.31 0.00	17.92 0.16 0.00	17.69 0.14 0.00	18.52 0.31 0.00	20.81 0.50 0.00	25.42 0.59 -0.10	25.64 0.81 0.00	24.22 0.90 0.00	18.87 0.99 4.35	-10.65 0.83 28.38	30.34 0.84 -11.98	35.56 1.03 -14.09	44.16 1.46 -14.89	44.59 1.85 -5.02	78.64 1.89 -46.86	53.41 2.11 -15.93	37.24 1.94 -1.72	41.57 1.81 -2.24	26.40 0.90 7.57	27.61 0.74 -4.86	24.15 0.90 0.11	24.57 0.83 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.96 1.16 0.00	20.43 0.99 0.00	19.36 0.88 0.00	18.58 0.82 0.00	18.33 0.78 0.00	19.14 0.92 0.00	21.72 1.41 0.00	26.58 1.75 -0.10	26.66 1.84 0.00	25.12 1.80 0.00	28.13 1.85 -4.05	60.70 1.47 -42.34	38.66 1.46 -19.68	45.32 1.60 -23.27	54.29 2.26 -24.23	50.46 3.13 -9.61	115.35 2.66 -82.81	72.02 3.19 -33.46	44.78 3.13 -8.06	119.38 3.43 -78.43	127.03 2.95 -91.01	37.87 2.02 -13.84	27.55 2.21 -1.97	27.76 1.99 -2.03
PJM_GEN_VFT_PROXY 323633	20.86 1.06 0.00	20.40 0.96 0.00	19.33 0.86 0.00	18.58 0.82 0.00	18.31 0.76 0.00	19.09 0.87 0.00	21.62 1.31 0.00	26.50 1.67 -0.10	26.63 1.81 0.00	25.06 1.74 0.00	27.08 1.76 -3.10	53.45 1.38 -35.17	36.36 1.45 -17.39	42.27 1.67 -20.16	54.20 2.29 -24.11	48.85 3.10 -8.03	115.26 2.64 -82.74	69.94 2.99 -31.58	39.30 2.90 -2.81	44.26 3.16 -3.59	33.11 2.61 2.57	31.62 1.83 -7.77	26.48 2.02 -1.10	25.51 1.77 0.00
PLATSBRG_115KV_PMLD1 355749	19.45 -0.34 0.00	19.07 -0.37 0.00	18.24 -0.23 0.00	17.70 -0.06 0.00	17.60 0.04 0.00	18.44 0.22 0.00	20.85 0.54 0.00	25.58 0.86 0.00	25.57 0.75 0.00	23.95 0.63 0.00	22.82 0.59 0.00	17.37 0.47 0.00	18.00 0.49 0.00	21.05 0.61 0.00	28.59 0.78 0.00	38.83 1.11 0.00	30.69 0.81 0.00	36.18 0.80 0.00	33.91 0.32 0.00	38.16 0.64 0.00	33.41 0.33 0.00	22.02 0.00 0.00	23.09 -0.28 0.00	23.25 -0.50 0.00

PLEASANTVLY___LBMP 24000	20.59 0.79 0.00	20.15 0.71 0.00	19.14 0.67 0.00	18.40 0.64 0.00	18.15 0.60 0.00	18.88 0.67 0.00	21.35 1.04 0.00	26.06 1.34 0.00	26.23 1.40 0.00	24.67 1.35 0.00	26.40 1.31 -2.86	49.48 1.03 -31.56	34.89 1.08 -16.29	41.11 1.26 -19.40	49.55 1.72 -20.03	46.58 2.34 -6.53	109.72 2.09 -77.75	72.79 2.47 -34.95	38.37 2.41 -2.37	43.13 2.71 -2.92	42.42 2.32 -7.03	29.86 1.53 -6.32	25.89 1.67 -0.85	25.17 1.42 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.77 0.98 0.00	20.32 0.88 0.00	19.28 0.80 0.00	18.52 0.76 0.00	18.27 0.72 0.00	19.02 0.81 0.00	21.55 1.24 0.00	26.31 1.59 0.00	26.50 1.68 0.00	24.96 1.64 0.00	27.53 1.63 -3.68	57.14 1.28 -38.97	37.57 1.33 -18.72	44.17 1.55 -22.17	52.93 2.13 -23.00	48.26 2.92 -7.62	113.76 2.53 -81.35	71.25 2.95 -32.91	39.13 2.85 -2.69	44.07 3.15 -3.40	44.44 2.66 -8.70	31.17 1.77 -7.37	26.33 1.93 -1.03	25.43 1.68 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.77 0.98 0.00	20.32 0.88 0.00	19.28 0.80 0.00	18.52 0.76 0.00	18.27 0.72 0.00	19.02 0.81 0.00	21.55 1.24 0.00	26.31 1.59 0.00	26.50 1.68 0.00	24.96 1.64 0.00	27.53 1.63 -3.68	57.14 1.28 -38.97	37.57 1.33 -18.72	44.17 1.55 -22.17	52.93 2.13 -23.00	48.26 2.92 -7.62	113.76 2.53 -81.35	71.25 2.95 -32.91	39.13 2.85 -2.69	44.07 3.15 -3.40	44.44 2.66 -8.70	31.17 1.77 -7.37	26.33 1.93 -1.03	25.43 1.68 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.72 0.93 0.00	20.29 0.85 0.00	19.27 0.79 0.00	18.53 0.77 0.00	18.26 0.71 0.00	19.02 0.80 0.00	21.55 1.24 0.00	26.32 1.60 0.00	26.48 1.65 0.00	24.90 1.58 0.00	25.27 1.52 -1.53	39.34 1.18 -21.26	36.56 1.26 -17.78	43.68 1.50 -21.73	52.21 2.06 -22.35	47.80 2.81 -7.28	109.61 2.53 -77.19	69.43 3.06 -31.00	39.13 2.98 -2.57	44.10 3.33 -3.25	40.28 2.80 -4.41	30.89 1.83 -7.04	26.07 1.96 -0.74	25.38 1.64 0.00
POLETTI____ 23519	20.89 1.09 0.00	20.42 0.98 0.00	19.35 0.88 0.00	18.59 0.83 0.00	18.33 0.78 0.00	19.11 0.90 0.00	21.67 1.36 0.00	26.46 1.74 0.00	26.70 1.87 0.00	25.17 1.84 0.00	28.11 1.84 -4.04	60.85 1.45 -42.50	38.66 1.51 -19.63	45.40 1.74 -23.21	54.29 2.38 -24.11	48.97 3.22 -8.03	115.39 2.78 -82.74	70.71 3.15 -32.18	39.44 3.04 -2.81	44.41 3.31 -3.59	45.27 2.75 -9.44	31.70 1.91 -7.77	26.57 2.10 -1.10	25.58 1.84 0.00
POMONA___ESR 323819	20.65 0.85 0.00	20.18 0.75 0.00	19.14 0.67 0.00	18.39 0.63 0.00	18.14 0.59 0.00	18.89 0.68 0.00	21.39 1.08 0.00	26.12 1.39 0.00	26.32 1.50 0.00	24.77 1.45 0.00	18.30 1.48 5.40	-12.91 1.18 30.98	43.14 1.24 -24.38	50.57 1.47 -28.66	59.28 2.00 -29.48	50.43 2.72 -10.00	122.81 2.38 -90.55	67.65 2.78 -29.49	39.68 2.69 -3.40	44.88 2.90 -4.47	26.63 2.36 8.81	33.29 1.60 -9.68	25.22 1.73 -0.12	25.24 1.50 0.00
PORT_JEFF_3 23555	23.21 1.55 -1.87	20.73 1.30 0.00	19.64 1.16 0.00	18.84 1.08 0.00	18.59 1.04 0.00	19.47 1.25 0.00	22.15 1.84 0.00	27.00 2.28 0.00	27.15 2.33 0.00	25.57 2.25 0.00	28.55 2.27 -4.05	61.01 1.78 -42.34	38.97 1.77 -19.68	45.50 1.78 -23.27	54.47 2.41 -24.25	51.21 3.41 -10.09	115.47 2.78 -82.81	72.77 3.54 -33.86	46.87 3.61 -9.68	142.87 3.84 -101.51	156.63 3.45 -120.10	45.19 2.35 -20.82	28.71 2.60 -2.75	30.07 2.47 -3.85
PORT_JEFF_4 23616	23.21 1.55 -1.87	20.73 1.30 0.00	19.64 1.16 0.00	18.84 1.08 0.00	18.59 1.04 0.00	19.47 1.25 0.00	22.15 1.84 0.00	27.00 2.28 0.00	27.15 2.33 0.00	25.57 2.25 0.00	28.55 2.27 -4.05	61.01 1.78 -42.34	38.97 1.77 -19.68	45.50 1.78 -23.27	54.47 2.41 -24.25	51.21 3.41 -10.09	115.47 2.78 -82.81	72.77 3.54 -33.86	46.87 3.61 -9.68	142.87 3.84 -101.51	156.63 3.45 -120.10	45.19 2.35 -20.82	28.71 2.60 -2.75	30.07 2.47 -3.85
PORT_JEFF_IC 23713	23.33 1.57 -1.97	20.75 1.32 0.00	19.66 1.18 0.00	18.86 1.10 0.00	18.61 1.06 0.00	19.49 1.27 0.00	22.18 1.87 0.00	27.04 2.31 0.00	27.19 2.36 0.00	25.61 2.29 0.00	28.59 2.31 -4.05	61.05 1.82 -42.34	39.01 1.81 -19.68	45.55 1.83 -23.27	54.52 2.47 -24.25	51.28 3.48 -10.09	115.54 2.86 -82.81	72.85 3.61 -33.86	46.94 3.68 -9.68	142.95 3.92 -101.51	156.68 3.50 -120.10	45.25 2.37 -20.86	28.77 2.65 -2.75	30.11 2.51 -3.85
PPL PILGRIM_ST_GT1 24216	21.59 1.60 -0.19	20.83 1.39 0.00	19.72 1.25 0.00	18.92 1.16 0.00	18.67 1.12 0.00	19.55 1.33 0.00	22.27 1.96 0.00	27.13 2.41 0.00	27.27 2.44 0.00	25.69 2.37 0.00	28.69 2.41 -4.05	61.13 1.90 -42.34	39.10 1.91 -19.68	45.65 1.94 -23.27	54.64 2.58 -24.25	51.45 3.64 -10.09	115.75 3.06 -82.81	73.04 3.80 -33.86	46.96 3.70 -9.68	142.93 3.90 -101.51	156.76 3.58 -120.10	45.66 2.56 -21.08	28.84 2.73 -2.75	30.16 2.57 -3.85
PPL PILGRIM_ST_GT2 24217	21.59 1.60 -0.19	20.83 1.39 0.00	19.72 1.25 0.00	18.92 1.16 0.00	18.67 1.12 0.00	19.55 1.33 0.00	22.27 1.96 0.00	27.13 2.41 0.00	27.27 2.44 0.00	25.69 2.37 0.00	28.69 2.41 -4.05	61.13 1.90 -42.34	39.10 1.91 -19.68	45.65 1.94 -23.27	54.64 2.58 -24.25	51.45 3.64 -10.09	115.75 3.06 -82.81	73.04 3.80 -33.86	46.96 3.70 -9.68	142.93 3.90 -101.51	156.76 3.58 -120.10	45.66 2.56 -21.08	28.84 2.73 -2.75	30.16 2.57 -3.85
PPL_SHRM_GT3 24213	23.32 1.66 -1.86	20.84 1.40 0.00	19.74 1.26 0.00	18.93 1.17 0.00	18.68 1.13 0.00	19.58 1.36 0.00	22.31 2.00 0.00	27.21 2.48 0.00	27.36 2.53 0.00	25.73 2.41 0.00	28.70 2.42 -4.05	61.12 1.89 -42.34	39.08 1.89 -19.68	45.70 1.99 -23.27	54.81 2.76 -24.25	51.72 3.92 -10.09	115.75 3.06 -82.81	73.23 4.00 -33.86	47.31 4.05 -9.68	143.38 4.35 -101.51	157.14 3.96 -120.10	45.51 2.64 -20.84	28.95 2.83 -2.75	30.24 2.65 -3.85
PPL_SHRM_GT4 24214	23.32 1.66 -1.86	20.84 1.40 0.00	19.74 1.26 0.00	18.93 1.17 0.00	18.68 1.13 0.00	19.58 1.36 0.00	22.31 2.00 0.00	27.21 2.48 0.00	27.36 2.53 0.00	25.73 2.41 0.00	28.70 2.42 -4.05	61.12 1.89 -42.34	39.08 1.89 -19.68	45.70 1.99 -23.27	54.81 2.76 -24.25	51.72 3.92 -10.09	115.75 3.06 -82.81	73.23 4.00 -33.86	47.31 4.05 -9.68	143.38 4.35 -101.51	157.14 3.96 -120.10	45.51 2.64 -20.84	28.95 2.83 -2.75	30.24 2.65 -3.85
PROJECT___ORANGE 1 24174	19.92 0.12 0.00	19.54 0.10 0.00	18.53 0.05 0.00	17.75 -0.01 0.00	17.53 -0.03 0.00	18.21 0.00 0.00	20.28 -0.04 0.00	24.63 -0.09 0.00	24.72 -0.11 0.00	23.23 -0.09 0.00	22.20 -0.03 0.00	16.94 0.04 0.00	17.55 0.03 0.00	20.45 0.01 0.00	27.87 0.06 0.00	37.80 0.08 0.00	30.20 0.32 0.00	35.83 0.45 0.00	34.07 0.48 0.00	37.79 0.28 0.00	32.97 -0.11 0.00	21.94 -0.08 0.00	23.34 -0.02 0.00	23.82 0.08 0.00
PROJECT___ORANGE 2 24166	19.92 0.12 0.00	19.54 0.10 0.00	18.53 0.05 0.00	17.75 -0.01 0.00	17.53 -0.03 0.00	18.21 0.00 0.00	20.28 -0.04 0.00	24.63 -0.09 0.00	24.72 -0.11 0.00	23.23 -0.09 0.00	22.20 -0.03 0.00	16.94 0.04 0.00	17.55 0.03 0.00	20.45 0.01 0.00	27.87 0.06 0.00	37.80 0.08 0.00	30.20 0.32 0.00	35.83 0.45 0.00	34.07 0.48 0.00	37.79 0.28 0.00	32.97 -0.11 0.00	21.94 -0.08 0.00	23.34 -0.02 0.00	23.82 0.08 0.00

PUCKETT___SOLAR 323809	20.47 0.67 0.00	20.04 0.60 0.00	19.00 0.52 0.00	18.19 0.43 0.00	17.96 0.41 0.00	18.70 0.48 0.00	20.98 0.67 0.00	25.54 0.82 0.00	25.66 0.83 0.00	24.09 0.77 0.00	22.59 0.72 0.35	14.80 0.54 2.64	18.05 0.53 0.00	21.10 0.65 0.00	28.76 0.96 0.00	39.01 1.30 0.00	32.19 1.42 -0.89	37.95 1.82 -0.75	35.40 1.80 -0.01	39.30 1.78 0.00	34.15 1.07 0.00	22.77 0.76 0.00	24.19 0.82 0.00	24.52 0.77 0.00
PYRITES___HYD 24023	19.88 0.08 0.00	19.56 0.11 0.00	18.57 0.10 0.00	17.94 0.18 0.00	17.84 0.29 0.00	18.54 0.33 0.00	20.71 0.40 0.00	25.28 0.55 0.00	25.27 0.44 0.00	23.61 0.29 0.00	22.51 0.28 0.00	17.12 0.23 0.00	17.76 0.24 0.00	20.73 0.28 0.00	28.18 0.38 0.00	38.33 0.61 0.00	29.89 0.01 0.00	35.28 -0.10 0.00	32.90 -0.69 0.00	37.48 -0.03 0.00	33.29 0.21 0.00	22.22 0.21 0.00	23.46 0.10 0.00	23.83 0.09 0.00
QUAKERRD_115KV_BK1 80622	19.48 -0.32 0.00	19.11 -0.33 0.00	18.06 -0.41 0.00	17.20 -0.56 0.00	17.00 -0.56 0.00	17.74 -0.48 0.00	19.75 -0.56 0.00	23.95 -0.77 0.00	24.18 -0.65 0.00	22.77 -0.55 0.00	21.82 -0.41 0.00	16.69 -0.20 0.00	17.32 -0.20 0.00	20.27 -0.18 0.00	27.63 -0.17 0.00	37.47 -0.24 0.00	30.10 0.22 0.00	35.76 0.39 0.00	33.96 0.37 0.00	37.44 -0.07 0.00	32.30 -0.77 0.00	21.50 -0.52 0.00	22.85 -0.51 0.00	23.30 -0.44 0.00
QUENSBRY_115KV_TB8 356137	20.70 0.90 0.00	20.26 0.82 0.00	19.29 0.81 0.00	18.53 0.77 0.00	18.32 0.77 0.00	19.11 0.89 0.00	21.68 1.37 0.00	26.44 1.72 0.00	26.45 1.62 0.00	24.72 1.40 0.00	24.89 1.16 -1.50	31.97 0.77 -14.31	24.36 0.75 -6.09	27.98 0.89 -6.65	36.38 1.25 -7.33	42.48 1.75 -3.02	46.34 1.78 -14.68	36.15 2.40 1.63	37.12 2.62 -0.92	41.93 3.06 -1.35	38.92 2.73 -3.11	26.52 1.59 -2.92	25.48 1.72 -0.39	25.21 1.47 0.00
RAMAPO___LBMP 323565	20.60 0.80 0.00	20.14 0.70 0.00	19.10 0.63 0.00	18.36 0.60 0.00	18.10 0.55 0.00	18.85 0.64 0.00	21.34 1.04 0.00	26.06 1.34 0.00	26.26 1.43 0.00	24.71 1.40 0.00	18.32 1.40 5.31	-13.08 1.11 31.08	42.05 1.16 -23.36	49.29 0.89 -27.48	58.34 1.25 -28.65	49.98 2.55 -9.71	120.43 2.24 -88.31	66.94 2.63 -28.94	39.44 2.55 -3.31	44.61 2.76 -4.34	26.64 2.24 8.68	32.94 1.53 -9.40	25.14 1.66 -0.11	25.17 1.43 0.00
RANKINE____ 23646	20.31 0.52 0.00	19.94 0.50 0.00	18.70 0.22 0.00	17.57 -0.19 0.00	17.39 -0.16 0.00	18.33 0.11 0.00	20.26 -0.06 0.00	24.44 -0.28 0.00	25.02 0.19 0.00	23.76 0.44 0.00	22.90 0.67 0.00	17.58 0.69 0.00	18.16 0.64 0.00	21.33 0.89 0.00	29.14 1.33 0.00	39.33 1.62 0.00	32.03 2.15 0.00	37.76 2.38 0.00	35.72 2.13 0.00	38.86 1.34 0.00	32.67 -0.41 0.00	21.94 -0.07 0.00	23.45 0.08 0.00	23.97 0.23 0.00
RAVENSWOOD_GT2_1 24244	20.90 1.11 0.00	20.44 0.99 0.00	19.37 0.89 0.00	18.61 0.84 0.00	18.35 0.79 0.00	19.13 0.91 0.00	21.69 1.38 0.00	26.48 1.75 0.00	26.71 1.88 0.00	25.16 1.84 0.00	28.11 1.85 -4.04	60.85 1.45 -42.51	38.66 1.51 -19.63	45.40 1.74 -23.21	54.28 2.38 -24.11	48.96 3.21 -8.03	115.37 2.76 -82.74	70.70 3.14 -32.18	39.44 3.04 -2.81	44.44 3.34 -3.59	45.29 2.78 -9.44	31.72 1.93 -7.77	26.58 2.11 -1.10	25.59 1.85 0.00
RAVENSWOOD_GT2_2 24245	20.90 1.11 0.00	20.44 0.99 0.00	19.37 0.89 0.00	18.61 0.84 0.00	18.35 0.79 0.00	19.13 0.91 0.00	21.69 1.38 0.00	26.48 1.75 0.00	26.71 1.88 0.00	25.16 1.84 0.00	28.11 1.85 -4.04	60.85 1.45 -42.51	38.66 1.51 -19.63	45.40 1.74 -23.21	54.28 2.38 -24.11	48.96 3.21 -8.03	115.37 2.76 -82.74	70.70 3.14 -32.18	39.44 3.04 -2.81	44.44 3.34 -3.59	45.29 2.78 -9.44	31.72 1.93 -7.77	26.58 2.11 -1.10	25.59 1.85 0.00
RAVENSWOOD_GT2_3 24246	20.90 1.11 0.00	20.43 0.99 0.00	19.37 0.89 0.00	18.61 0.84 0.00	18.35 0.79 0.00	19.13 0.91 0.00	21.69 1.38 0.00	26.47 1.75 0.00	26.70 1.88 0.00	25.16 1.84 0.00	28.11 1.85 -4.04	60.85 1.45 -42.51	38.65 1.50 -19.63	45.40 1.74 -23.21	54.28 2.38 -24.11	48.96 3.21 -8.03	115.37 2.76 -82.74	70.69 3.13 -32.18	39.44 3.04 -2.81	44.45 3.35 -3.59	45.30 2.79 -9.44	31.72 1.93 -7.77	26.58 2.11 -1.10	25.59 1.85 0.00
RAVENSWOOD_GT2_4 24247	20.90 1.11 0.00	20.43 0.99 0.00	19.37 0.89 0.00	18.61 0.84 0.00	18.35 0.79 0.00	19.13 0.91 0.00	21.69 1.38 0.00	26.47 1.75 0.00	26.70 1.88 0.00	25.16 1.84 0.00	28.11 1.85 -4.04	60.85 1.45 -42.51	38.65 1.50 -19.63	45.40 1.74 -23.21	54.28 2.38 -24.11	48.96 3.21 -8.03	115.37 2.76 -82.74	70.69 3.13 -32.18	39.44 3.04 -2.81	44.45 3.35 -3.59	45.30 2.79 -9.44	31.72 1.93 -7.77	26.58 2.11 -1.10	25.59 1.85 0.00
RAVENSWOOD_GT3_1 24248	20.90 1.11 0.00	20.44 0.99 0.00	19.37 0.89 0.00	18.61 0.84 0.00	18.35 0.79 0.00	19.13 0.91 0.00	21.68 1.37 0.00	26.48 1.75 0.00	26.71 1.88 0.00	25.16 1.84 0.00	28.11 1.85 -4.04	60.85 1.45 -42.51	38.66 1.51 -19.63	45.40 1.74 -23.21	54.28 2.38 -24.11	48.96 3.21 -8.03	115.37 2.76 -82.74	70.70 3.14 -32.18	39.44 3.04 -2.81	44.44 3.34 -3.59	45.29 2.78 -9.44	31.72 1.93 -7.77	26.58 2.11 -1.10	25.59 1.85 0.00
RAVENSWOOD_GT3_2 24249	20.90 1.11 0.00	20.44 0.99 0.00	19.37 0.89 0.00	18.61 0.84 0.00	18.35 0.79 0.00	19.13 0.91 0.00	21.68 1.37 0.00	26.48 1.75 0.00	26.71 1.88 0.00	25.16 1.84 0.00	28.11 1.85 -4.04	60.85 1.45 -42.51	38.66 1.51 -19.63	45.40 1.74 -23.21	54.28 2.38 -24.11	48.96 3.21 -8.03	115.37 2.76 -82.74	70.70 3.14 -32.18	39.44 3.04 -2.81	44.44 3.34 -3.59	45.29 2.78 -9.44	31.72 1.93 -7.77	26.58 2.11 -1.10	25.59 1.85 0.00
RAVENSWOOD_GT3_3 24250	20.93 1.14 0.00	20.46 1.02 0.00	19.40 0.92 0.00	18.63 0.87 0.00	18.37 0.82 0.00	19.15 0.94 0.00	21.71 1.40 0.00	26.53 1.80 0.00	26.76 1.93 0.00	25.21 1.89 0.00	28.16 1.90 -4.04	60.89 1.49 -42.51	38.69 1.55 -19.63	45.45 1.79 -23.21	54.35 2.44 -24.11	49.05 3.30 -8.03	115.45 2.84 -82.74	70.78 3.22 -32.18	39.51 3.12 -2.81	44.52 3.42 -3.59	45.36 2.85 -9.44	31.76 1.97 -7.77	26.62 2.15 -1.10	25.64 1.89 0.00
RAVENSWOOD_GT3_4 24251	20.93 1.14 0.00	20.46 1.02 0.00	19.40 0.92 0.00	18.63 0.87 0.00	18.37 0.82 0.00	19.15 0.94 0.00	21.71 1.40 0.00	26.53 1.80 0.00	26.76 1.93 0.00	25.21 1.89 0.00	28.16 1.90 -4.04	60.89 1.49 -42.51	38.69 1.55 -19.63	45.45 1.79 -23.21	54.35 2.44 -24.11	49.05 3.30 -8.03	115.45 2.84 -82.74	70.78 3.22 -32.18	39.51 3.12 -2.81	44.52 3.42 -3.59	45.36 2.85 -9.44	31.76 1.97 -7.77	26.62 2.15 -1.10	25.64 1.89 0.00
RAVENSWOOD_GT_1 23729	20.98 1.18 0.00	20.52 1.08 0.00	19.44 0.96 0.00	18.69 0.92 0.00	18.42 0.87 0.00	19.22 1.00 0.00	21.80 1.48 0.00	26.62 1.90 0.00	26.87 2.04 -0.01	25.26 1.94 0.00	30.72 1.98 -6.51	62.34 1.54 -43.91	40.39 1.61 -21.27	45.52 1.85 -23.21	54.38 2.47 -24.11	49.06 3.32 -8.03	115.43 2.82 -82.74	70.83 3.26 -32.18	39.58 3.18 -2.81	44.55 3.44 -3.59	45.38 2.87 -9.44	31.85 2.05 -7.78	26.73 2.25 -1.11	25.71 1.97 0.00



RAVENSWOOD_GT_10 24258	20.90 1.11 0.00	20.44 0.99 0.00	19.37 0.89 0.00	18.61 0.85 0.00	18.35 0.79 0.00	19.13 0.91 0.00	21.69 1.38 0.00	26.48 1.76 0.00	26.71 1.88 0.00	25.16 1.84 0.00	28.11 1.85 -4.04	60.86 1.45 -42.51	38.66 1.51 -19.63	45.40 1.74 -23.21	54.28 2.38 -24.11	48.96 3.22 -8.03	115.38 2.76 -82.74	70.70 3.14 -32.18	39.44 3.04 -2.81	44.44 3.34 -3.59	45.29 2.78 -9.44	31.72 1.93 -7.77	26.58 2.11 -1.10	25.59 1.85 0.00
RAVENSWOOD_GT_11 24259	20.91 1.11 0.00	20.43 0.99 0.00	19.37 0.89 0.00	18.61 0.85 0.00	18.35 0.80 0.00	19.13 0.91 0.00	21.69 1.37 0.00	26.48 1.76 0.00	26.71 1.89 0.00	25.16 1.84 0.00	28.11 1.85 -4.04	60.86 1.46 -42.51	38.66 1.51 -19.63	45.40 1.74 -23.21	54.29 2.38 -24.11	48.96 3.21 -8.03	115.38 2.76 -82.74	70.70 3.14 -32.18	39.44 3.04 -2.81	44.44 3.34 -3.59	45.30 2.79 -9.44	31.72 1.93 -7.77	26.58 2.11 -1.10	25.59 1.85 0.00
RAVENSWOOD_GT_4 24252	20.89 1.10 0.00	20.43 0.98 0.00	19.36 0.88 0.00	18.60 0.84 0.00	18.34 0.78 0.00	19.12 0.90 0.00	21.67 1.36 0.00	26.46 1.74 0.00	26.70 1.87 0.00	25.15 1.83 0.00	28.10 1.84 -4.04	60.84 1.44 -42.51	38.64 1.49 -19.63	45.40 1.74 -23.21	54.28 2.37 -24.11	48.95 3.20 -8.03	115.37 2.76 -82.74	70.68 3.13 -32.18	39.43 3.03 -2.81	44.44 3.34 -3.59	45.29 2.78 -9.44	31.70 1.91 -7.77	26.57 2.10 -1.10	25.58 1.84 0.00
RAVENSWOOD_GT_5 24254	20.89 1.10 0.00	20.43 0.98 0.00	19.36 0.88 0.00	18.60 0.84 0.00	18.34 0.78 0.00	19.12 0.90 0.00	21.67 1.36 0.00	26.46 1.74 0.00	26.70 1.87 0.00	25.15 1.83 0.00	28.10 1.84 -4.04	60.84 1.44 -42.51	38.64 1.49 -19.63	45.40 1.74 -23.21	54.28 2.37 -24.11	48.95 3.20 -8.03	115.37 2.76 -82.74	70.68 3.13 -32.18	39.43 3.03 -2.81	44.44 3.34 -3.59	45.29 2.78 -9.44	31.70 1.91 -7.77	26.57 2.10 -1.10	25.58 1.84 0.00
RAVENSWOOD_GT_6 24253	20.89 1.10 0.00	20.43 0.98 0.00	19.36 0.88 0.00	18.60 0.84 0.00	18.34 0.78 0.00	19.12 0.90 0.00	21.67 1.36 0.00	26.46 1.74 0.00	26.70 1.87 0.00	25.15 1.83 0.00	28.10 1.84 -4.04	60.84 1.44 -42.51	38.64 1.49 -19.63	45.40 1.74 -23.21	54.28 2.37 -24.11	48.95 3.20 -8.03	115.37 2.76 -82.74	70.68 3.13 -32.18	39.43 3.03 -2.81	44.44 3.34 -3.59	45.29 2.78 -9.44	31.70 1.91 -7.77	26.57 2.10 -1.10	25.58 1.84 0.00
RAVENSWOOD_GT_7 24255	20.89 1.10 0.00	20.43 0.98 0.00	19.36 0.88 0.00	18.60 0.84 0.00	18.34 0.78 0.00	19.12 0.90 0.00	21.67 1.36 0.00	26.46 1.74 0.00	26.70 1.87 0.00	25.15 1.83 0.00	28.10 1.84 -4.04	60.84 1.44 -42.51	38.64 1.49 -19.63	45.40 1.74 -23.21	54.28 2.37 -24.11	48.95 3.20 -8.03	115.37 2.76 -82.74	70.68 3.13 -32.18	39.43 3.03 -2.81	44.44 3.34 -3.59	45.29 2.78 -9.44	31.70 1.91 -7.77	26.57 2.10 -1.10	25.58 1.84 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.90 1.11 0.00	20.44 0.99 0.00	19.37 0.89 0.00	18.61 0.85 0.00	18.35 0.79 0.00	19.13 0.91 0.00	21.69 1.38 0.00	26.48 1.76 0.00	26.71 1.88 0.00	25.16 1.84 0.00	28.11 1.85 -4.04	60.86 1.45 -42.51	38.66 1.51 -19.63	45.40 1.74 -23.21	54.28 2.38 -24.11	48.96 3.22 -8.03	115.38 2.76 -82.74	70.70 3.14 -32.18	39.44 3.04 -2.81	44.44 3.34 -3.59	45.29 2.78 -9.44	31.72 1.93 -7.77	26.58 2.11 -1.10	25.59 1.85 0.00
RAVENSWOOD_GT_9 24257	20.90 1.11 0.00	20.44 0.99 0.00	19.37 0.89 0.00	18.61 0.85 0.00	18.35 0.79 0.00	19.13 0.91 0.00	21.69 1.38 0.00	26.48 1.76 0.00	26.71 1.88 0.00	25.16 1.84 0.00	28.11 1.85 -4.04	60.86 1.45 -42.51	38.66 1.51 -19.63	45.40 1.74 -23.21	54.28 2.38 -24.11	48.96 3.22 -8.03	115.38 2.76 -82.74	70.70 3.14 -32.18	39.44 3.04 -2.81	44.44 3.34 -3.59	45.29 2.78 -9.44	31.72 1.93 -7.77	26.58 2.11 -1.10	25.59 1.85 0.00
RAVENSWOOD___1 23533	20.96 1.17 0.00	20.50 1.07 0.00	19.43 0.95 0.00	18.67 0.91 0.00	18.41 0.86 0.00	19.20 0.99 0.00	21.77 1.46 0.00	26.59 1.87 0.00	26.84 2.01 -0.01	25.24 1.92 0.00	30.70 1.96 -6.51	62.33 1.52 -43.91	40.38 1.59 -21.27	45.50 1.83 -23.21	54.35 2.44 -24.11	49.04 3.29 -8.03	115.42 2.80 -82.74	70.79 3.23 -32.18	39.56 3.16 -2.81	44.53 3.42 -3.59	45.36 2.85 -9.44	31.83 2.03 -7.78	26.70 2.23 -1.11	25.69 1.95 0.00
RAVENSWOOD___2 23534	20.92 1.12 0.00	20.46 1.02 0.00	19.39 0.91 0.00	18.63 0.87 0.00	18.37 0.82 0.00	19.16 0.94 0.00	21.72 1.41 0.00	26.53 1.80 0.00	26.78 1.94 -0.01	25.13 1.81 0.00	30.64 1.90 -6.51	62.26 1.46 -43.91	40.27 1.48 -21.27	45.32 1.66 -23.21	54.10 2.19 -24.11	48.70 2.95 -8.03	115.13 2.52 -82.74	70.47 2.91 -32.18	39.27 2.87 -2.81	44.19 3.09 -3.59	45.10 2.58 -9.44	31.71 1.92 -7.78	26.64 2.17 -1.11	25.63 1.89 0.00
RAVENSWOOD___3 23535	20.90 1.10 0.00	20.43 0.99 0.00	19.36 0.89 0.00	18.60 0.84 0.00	18.34 0.79 0.00	19.12 0.91 0.00	21.68 1.37 0.00	26.47 1.75 0.00	26.70 1.87 0.00	25.15 1.83 0.00	28.10 1.84 -4.04	60.84 1.44 -42.51	38.65 1.50 -19.63	45.40 1.74 -23.21	54.27 2.36 -24.11	48.94 3.19 -8.03	115.37 2.75 -82.74	70.69 3.13 -32.18	39.43 3.03 -2.81	44.44 3.34 -3.59	45.29 2.78 -9.44	31.71 1.92 -7.77	26.58 2.11 -1.10	25.59 1.84 0.00
RAVENSWOOD___4 23820	20.95 1.15 0.00	20.49 1.05 0.00	19.42 0.94 0.00	18.66 0.90 0.00	18.39 0.84 0.00	19.19 0.97 0.00	21.75 1.44 0.00	26.57 1.84 0.00	26.81 1.98 -0.01	25.21 1.89 0.00	30.67 1.94 -6.51	62.31 1.51 -43.91	40.36 1.57 -21.27	45.48 1.82 -23.21	54.34 2.44 -24.11	49.02 3.27 -8.03	115.40 2.79 -82.74	70.77 3.21 -32.18	39.53 3.13 -2.81	44.50 3.40 -3.59	45.34 2.83 -9.44	31.81 2.01 -7.78	26.67 2.20 -1.11	25.67 1.93 0.00
RCPL_TRUST___DRP 24196	20.92 1.13 0.00	20.45 1.01 0.00	19.38 0.90 0.00	18.62 0.86 0.00	18.36 0.81 0.00	19.14 0.93 0.00	21.71 1.40 0.00	26.52 1.80 0.00	26.77 1.94 0.00	25.22 1.90 0.00	28.18 1.91 -4.04	60.90 1.50 -42.50	38.70 1.55 -19.63	45.46 1.80 -23.22	54.36 2.45 -24.11	49.06 3.31 -8.03	115.49 2.88 -82.74	70.81 3.25 -32.18	39.51 3.11 -2.81	44.50 3.40 -3.59	45.33 2.82 -9.44	31.73 1.94 -7.77	26.62 2.15 -1.10	25.63 1.89 0.00
RED___ROCHESTER 323720	20.12 0.32 0.00	19.72 0.29 0.00	18.61 0.13 0.00	17.67 -0.09 0.00	17.46 -0.09 0.00	18.28 0.06 0.00	20.36 0.05 0.00	24.68 -0.04 0.00	24.99 0.16 0.00	23.56 0.24 0.00	22.60 0.37 0.00	17.33 0.44 0.00	17.99 0.47 0.00	21.08 0.63 0.00	28.76 0.95 0.00	38.99 1.28 0.00	31.40 1.53 0.00	37.31 1.94 0.00	35.43 1.85 0.00	38.95 1.44 0.00	33.43 0.35 0.00	22.28 0.26 0.00	23.66 0.29 0.00	24.12 0.37 0.00
REGAN___SOLAR 323812	20.99 1.19 0.00	20.57 1.14 0.00	19.53 1.06 0.00	18.76 1.00 0.00	18.56 1.01 0.00	19.31 1.09 0.00	21.55 1.24 0.00	26.34 1.62 0.00	26.32 1.49 0.00	24.51 1.19 0.00	24.44 0.75 -1.47	31.27 0.42 -13.96	23.99 0.42 -6.05	27.46 0.34 -6.67	35.50 0.40 -7.30	41.24 0.59 -2.94	44.68 1.24 -13.56	35.50 2.34 2.22	37.27 2.79 -0.90	41.69 2.86 -1.31	38.47 2.36 -3.04	26.47 1.61 -2.84	25.28 1.54 -0.38	25.33 1.58 0.00

RENSSELAER___COGEN 23796	19.97 0.17 0.00	19.66 0.22 0.00	18.73 0.25 0.00	18.02 0.26 0.00	17.78 0.23 0.00	18.39 0.17 0.00	20.70 0.39 0.00	25.25 0.53 0.00	25.32 0.49 0.00	23.73 0.41 0.00	24.01 0.24 -1.54	31.58 0.02 -14.66	24.06 0.07 -6.47	27.66 0.10 -7.11	35.71 0.11 -7.80	41.03 0.16 -3.16	45.73 0.30 -15.55	34.27 0.46 1.57	35.17 0.62 -0.97	39.72 0.79 -1.41	37.06 0.81 -3.18	25.49 0.41 -3.06	24.27 0.50 -0.40	24.11 0.37 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.32 1.52 0.00	20.82 1.39 0.00	19.85 1.37 0.00	19.07 1.31 0.00	18.93 1.38 0.00	19.85 1.63 0.00	22.71 2.40 0.00	27.68 2.95 0.00	27.53 2.70 0.00	25.54 2.22 0.00	25.55 1.82 -1.51	32.55 1.33 -14.33	25.01 1.40 -6.09	28.71 1.61 -6.65	37.51 2.38 -7.33	43.98 3.25 -3.02	48.12 3.49 -14.74	38.40 4.63 1.60	39.07 4.57 -0.93	44.35 5.48 -1.35	40.64 4.45 -3.12	27.53 2.59 -2.92	26.60 2.85 -0.39	26.18 2.43 0.00
REVERE_CPPR_DRP 24186	20.58 0.78 0.00	20.21 0.77 0.00	19.19 0.71 0.00	18.43 0.67 0.00	18.22 0.67 0.00	18.90 0.69 0.00	21.12 0.80 0.00	25.75 1.03 0.00	25.73 0.90 0.00	24.00 0.69 0.00	22.87 0.65 0.00	17.42 0.52 0.00	18.04 0.52 0.00	21.10 0.65 0.00	28.81 1.01 0.00	39.16 1.44 0.00	31.29 1.41 0.00	37.35 1.98 0.00	35.62 2.03 0.00	39.61 2.10 0.00	34.37 1.30 0.00	22.78 0.77 0.00	24.09 0.72 0.00	24.45 0.70 0.00
REYNOLDS_115KV_TB3 80639	20.11 0.31 0.00	19.81 0.37 0.00	18.86 0.39 0.00	18.15 0.38 0.00	17.91 0.36 0.00	18.52 0.30 0.00	20.85 0.54 0.00	25.45 0.72 0.00	25.50 0.68 0.00	23.91 0.59 0.00	24.22 0.42 -1.58	31.97 0.16 -14.91	24.13 0.24 -6.37	27.66 0.28 -6.93	35.81 0.35 -7.65	41.40 0.51 -3.17	46.54 0.58 -16.08	34.99 0.80 1.19	35.50 0.94 -0.98	40.10 1.17 -1.42	37.47 1.16 -3.24	25.70 0.62 -3.07	24.51 0.74 -0.40	24.31 0.56 0.00
RIVERBAY____ 323610	20.85 1.05 0.00	20.49 1.05 0.00	19.40 0.92 0.00	18.66 0.90 0.00	18.41 0.86 0.00	19.15 0.94 0.00	21.65 1.33 0.00	26.43 1.71 0.00	26.68 1.85 0.00	25.07 1.75 0.00	28.03 1.78 -4.03	60.74 1.34 -42.50	38.57 1.42 -19.63	45.34 1.68 -23.21	54.23 2.32 -24.11	48.89 3.15 -8.03	115.34 2.73 -82.74	70.73 3.16 -32.18	39.49 3.09 -2.81	44.42 3.33 -3.59	45.26 2.74 -9.44	31.72 1.93 -7.77	26.54 2.07 -1.10	25.55 1.81 0.00
RIVERSDE_115KV_TB3 55908	20.06 0.26 0.00	19.75 0.31 0.00	18.81 0.33 0.00	18.10 0.33 0.00	17.86 0.31 0.00	18.47 0.26 0.00	20.80 0.49 0.00	25.38 0.65 0.00	25.44 0.62 0.00	23.86 0.54 0.00	24.16 0.37 -1.56	31.80 0.13 -14.78	24.10 0.20 -6.37	27.66 0.25 -6.97	35.78 0.31 -7.67	41.31 0.45 -3.15	46.08 0.54 -15.66	34.69 0.75 1.43	35.42 0.87 -0.97	40.01 1.08 -1.41	37.34 1.06 -3.21	25.63 0.57 -3.05	24.43 0.67 -0.40	24.24 0.50 0.00
ROARING___BROOK_WT_PWR 323790	19.70 -0.10 0.00	19.39 -0.05 0.00	18.50 0.03 0.00	17.81 0.05 0.00	17.59 0.04 0.00	18.26 0.04 0.00	20.37 0.06 0.00	24.80 0.08 0.00	24.89 0.06 0.00	23.37 0.05 0.00	22.27 0.04 0.00	16.92 0.03 0.00	17.54 0.02 0.00	20.47 0.02 0.00	27.80 0.00 0.00	37.72 0.01 0.00	29.97 0.09 0.00	35.53 0.16 0.00	33.76 0.17 0.00	37.37 -0.14 0.00	32.10 -0.98 0.00	21.42 -0.60 0.00	22.66 -0.70 0.00	22.85 -0.89 0.00
ROCHESRG_115KV_T4 355643	19.91 0.12 0.00	19.53 0.09 0.00	18.44 -0.04 0.00	17.52 -0.25 0.00	17.31 -0.24 0.00	18.10 -0.12 0.00	20.13 -0.18 0.00	24.40 -0.32 0.00	24.69 -0.14 0.00	23.27 -0.05 0.00	22.32 0.10 0.00	17.09 0.20 0.00	17.72 0.20 0.00	20.76 0.31 0.00	28.30 0.50 0.00	38.38 0.66 0.00	30.89 1.02 0.00	36.67 1.29 0.00	34.83 1.25 0.00	38.32 0.80 0.00	32.92 -0.16 0.00	21.94 -0.08 0.00	23.34 -0.02 0.00	23.81 0.07 0.00
ROCHESTER_9_IC 23652	20.03 0.23 0.00	19.64 0.20 0.00	18.54 0.06 0.00	17.60 -0.16 0.00	17.40 -0.16 0.00	18.20 -0.02 0.00	20.26 -0.05 0.00	24.55 -0.17 0.00	24.85 0.03 0.00	23.42 0.10 0.00	22.47 0.25 0.00	17.21 0.32 0.00	17.86 0.34 0.00	20.92 0.48 0.00	28.55 0.74 0.00	38.71 0.99 0.00	31.18 1.30 0.00	37.01 1.63 0.00	35.16 1.58 0.00	38.66 1.15 0.00	33.19 0.11 0.00	22.11 0.10 0.00	23.51 0.14 0.00	23.98 0.23 0.00
ROCKVIEW_13_KV_LD 356306	20.85 1.06 0.00	20.38 0.95 0.00	19.33 0.85 0.00	18.57 0.81 0.00	18.31 0.76 0.00	19.08 0.87 0.00	21.63 1.32 0.00	26.42 1.69 0.00	26.63 1.81 0.00	25.08 1.76 0.00	28.03 1.76 -4.04	60.48 1.39 -42.19	38.59 1.43 -19.64	45.34 1.67 -23.22	54.21 2.29 -24.12	48.88 3.13 -8.03	115.34 2.71 -82.75	70.69 3.14 -32.18	39.43 3.03 -2.81	44.42 3.32 -3.59	45.29 2.78 -9.44	31.67 1.88 -7.77	26.51 2.05 -1.10	25.54 1.79 0.00
ROME____115KV_TB2 80656	20.58 0.78 0.00	20.21 0.77 0.00	19.19 0.71 0.00	18.43 0.67 0.00	18.22 0.67 0.00	18.90 0.69 0.00	21.12 0.80 0.00	25.75 1.03 0.00	25.73 0.90 0.00	24.00 0.69 0.00	22.87 0.65 0.00	17.42 0.52 0.00	18.04 0.52 0.00	21.10 0.65 0.00	28.81 1.01 0.00	39.16 1.44 0.00	31.29 1.41 0.00	37.35 1.98 0.00	35.62 2.03 0.00	39.61 2.10 0.00	34.37 1.30 0.00	22.78 0.77 0.00	24.09 0.72 0.00	24.45 0.70 0.00
ROSETON___1 23587	20.38 0.59 0.00	19.99 0.55 0.00	19.05 0.57 0.00	18.33 0.57 0.00	18.06 0.51 0.00	18.71 0.49 0.00	20.99 0.68 0.00	25.60 0.88 0.00	25.72 0.89 0.00	24.16 0.84 0.00	24.84 0.76 -1.85	36.44 0.43 -19.11	27.29 0.40 -9.37	31.89 0.48 -10.96	39.77 0.49 -11.47	42.24 0.58 -3.95	39.78 0.44 -9.46	25.62 0.55 10.32	35.21 0.49 -1.13	39.88 0.60 -1.76	38.31 1.01 -4.22	26.56 0.72 -3.82	24.80 0.92 -0.51	24.67 0.93 0.00
ROSETON___2 23588	20.38 0.59 0.00	19.99 0.55 0.00	19.05 0.57 0.00	18.33 0.57 0.00	18.06 0.51 0.00	18.71 0.49 0.00	20.99 0.68 0.00	25.60 0.88 0.00	25.72 0.89 0.00	24.16 0.84 0.00	24.84 0.76 -1.85	36.44 0.43 -19.11	27.29 0.40 -9.37	31.89 0.48 -10.96	39.77 0.49 -11.47	42.24 0.58 -3.95	39.78 0.44 -9.46	25.62 0.55 10.32	35.21 0.49 -1.13	39.88 0.60 -1.76	38.31 1.01 -4.22	26.56 0.72 -3.82	24.80 0.92 -0.51	24.67 0.93 0.00
ROTTRDAM_115KV_TB3 80664	20.41 0.62 0.00	20.03 0.59 0.00	19.08 0.61 0.00	18.35 0.59 0.00	18.10 0.55 0.00	18.76 0.54 0.00	21.07 0.76 0.00	25.69 0.96 0.00	25.77 0.95 0.00	24.19 0.87 0.00	24.45 0.76 -1.47	31.35 0.49 -13.96	24.10 0.53 -6.05	27.74 0.62 -6.67	35.92 0.82 -7.30	41.78 1.12 -2.94	44.52 1.08 -13.56	34.54 1.38 2.22	35.94 1.46 -0.90	40.47 1.65 -1.31	37.60 1.49 -3.04	25.77 0.91 -2.84	24.74 1.00 -0.38	24.62 0.88 0.00
RUSSELL___1 23602	20.12 0.32 0.00	19.73 0.29 0.00	18.61 0.13 0.00	17.67 -0.09 0.00	17.47 -0.09 0.00	18.28 0.06 0.00	20.36 0.05 0.00	24.68 -0.04 0.00	24.99 0.16 0.00	23.54 0.22 0.00	22.60 0.37 0.00	17.31 0.42 0.00	17.97 0.45 0.00	21.06 0.61 0.00	28.74 0.94 0.00	38.98 1.27 0.00	31.41 1.54 0.00	37.30 1.92 0.00	35.44 1.85 0.00	38.95 1.44 0.00	33.43 0.35 0.00	22.27 0.25 0.00	23.66 0.29 0.00	24.11 0.37 0.00

RUSSELL___2 23532	20.12 0.32 0.00	19.73 0.29 0.00	18.61 0.13 0.00	17.67 -0.09 0.00	17.47 -0.09 0.00	18.28 0.06 0.00	20.36 0.05 0.00	24.68 -0.04 0.00	24.99 0.16 0.00	23.54 0.22 0.00	22.60 0.37 0.00	17.31 0.42 0.00	17.97 0.45 0.00	21.06 0.61 0.00	28.74 0.94 0.00	38.98 1.27 0.00	31.41 1.54 0.00	37.30 1.92 0.00	35.44 1.85 0.00	38.95 1.44 0.00	33.43 0.35 0.00	22.27 0.25 0.00	23.66 0.29 0.00	24.11 0.37 0.00
RUSSELL___3 23549	20.12 0.32 0.00	19.73 0.29 0.00	18.61 0.13 0.00	17.67 -0.09 0.00	17.47 -0.09 0.00	18.28 0.06 0.00	20.36 0.05 0.00	24.68 -0.04 0.00	24.99 0.16 0.00	23.54 0.22 0.00	22.60 0.37 0.00	17.31 0.42 0.00	17.97 0.45 0.00	21.06 0.61 0.00	28.74 0.94 0.00	38.98 1.27 0.00	31.41 1.54 0.00	37.30 1.92 0.00	35.44 1.85 0.00	38.95 1.44 0.00	33.43 0.35 0.00	22.27 0.25 0.00	23.66 0.29 0.00	24.11 0.37 0.00
RUSSELL___4 23556	20.12 0.32 0.00	19.73 0.29 0.00	18.61 0.13 0.00	17.67 -0.09 0.00	17.47 -0.09 0.00	18.28 0.06 0.00	20.36 0.05 0.00	24.68 -0.04 0.00	24.99 0.16 0.00	23.54 0.22 0.00	22.60 0.37 0.00	17.31 0.42 0.00	17.97 0.45 0.00	21.06 0.61 0.00	28.74 0.94 0.00	38.98 1.27 0.00	31.41 1.54 0.00	37.30 1.92 0.00	35.44 1.85 0.00	38.95 1.44 0.00	33.43 0.35 0.00	22.27 0.25 0.00	23.66 0.29 0.00	24.11 0.37 0.00
RUSSELL___STATION 23914	20.12 0.32 0.00	19.73 0.29 0.00	18.61 0.13 0.00	17.67 -0.09 0.00	17.47 -0.09 0.00	18.28 0.06 0.00	20.36 0.05 0.00	24.68 -0.04 0.00	24.99 0.16 0.00	23.54 0.22 0.00	22.60 0.37 0.00	17.31 0.42 0.00	17.97 0.45 0.00	21.06 0.61 0.00	28.74 0.94 0.00	38.98 1.27 0.00	31.41 1.54 0.00	37.30 1.92 0.00	35.44 1.85 0.00	38.95 1.44 0.00	33.43 0.35 0.00	22.27 0.25 0.00	23.66 0.29 0.00	24.11 0.37 0.00
S SALMON___HYD 24043	20.27 0.47 0.00	19.92 0.48 0.00	18.92 0.44 0.00	18.14 0.38 0.00	17.94 0.39 0.00	18.64 0.42 0.00	20.79 0.47 0.00	25.28 0.56 0.00	25.26 0.43 0.00	23.58 0.27 0.00	22.48 0.26 0.00	17.17 0.28 0.00	17.78 0.26 0.00	20.70 0.25 0.00	28.14 0.34 0.00	38.15 0.43 0.00	30.52 0.64 0.00	36.50 1.12 0.00	34.91 1.33 0.00	38.74 1.22 0.00	33.47 0.39 0.00	22.27 0.26 0.00	23.63 0.27 0.00	24.07 0.32 0.00
S.PERRY___115KV_TB1 80734	20.79 0.99 0.00	20.35 0.91 0.00	19.15 0.67 0.00	18.15 0.39 0.00	17.95 0.40 0.00	18.85 0.64 0.00	21.04 0.73 0.00	25.55 0.82 0.00	25.78 0.95 0.00	24.03 0.71 0.00	22.99 0.77 0.00	17.48 0.58 0.00	17.80 0.29 0.00	20.79 0.34 0.00	28.37 0.57 0.00	38.43 0.72 0.00	31.08 1.20 0.00	36.93 1.55 0.00	35.55 1.96 0.00	39.13 1.61 0.00	33.28 0.20 0.00	22.18 0.16 0.00	24.11 0.74 0.00	24.66 0.91 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.02 0.23 0.00	19.67 0.23 0.00	18.45 -0.02 0.00	17.32 -0.44 0.00	17.13 -0.42 0.00	18.04 -0.17 0.00	19.91 -0.40 0.00	23.98 -0.74 0.00	24.57 -0.26 0.00	23.33 0.01 0.00	22.48 0.26 0.00	17.27 0.37 0.00	17.84 0.32 0.00	20.94 0.50 0.00	28.56 0.76 0.00	38.58 0.87 0.00	31.41 1.54 0.00	37.09 1.71 0.00	35.14 1.55 0.00	38.20 0.69 0.00	32.12 -0.95 0.00	21.57 -0.45 0.00	23.10 -0.27 0.00	23.65 -0.09 0.00
SAWYER___23_KV_LOAD 55526	20.02 0.23 0.00	19.67 0.23 0.00	18.45 -0.02 0.00	17.32 -0.44 0.00	17.13 -0.42 0.00	18.04 -0.17 0.00	19.91 -0.40 0.00	23.98 -0.74 0.00	24.57 -0.26 0.00	23.33 0.01 0.00	22.48 0.26 0.00	17.27 0.37 0.00	17.84 0.32 0.00	20.94 0.50 0.00	28.56 0.76 0.00	38.58 0.87 0.00	31.41 1.54 0.00	37.09 1.71 0.00	35.14 1.55 0.00	38.20 0.69 0.00	32.12 -0.95 0.00	21.57 -0.45 0.00	23.10 -0.27 0.00	23.65 -0.09 0.00
SELKIRK___I 23801	20.20 0.41 0.00	19.89 0.46 0.00	18.97 0.49 0.00	18.25 0.50 0.00	18.01 0.45 0.00	18.63 0.41 0.00	20.88 0.57 0.00	25.45 0.73 0.00	25.51 0.69 0.00	23.90 0.58 0.00	23.95 0.33 -1.39	-40.77 -0.15 57.51	-118.33 -0.21 135.64	28.26 -0.22 -8.03	36.13 -0.32 -8.64	40.60 -0.44 -3.33	47.22 -0.20 -17.54	34.60 -0.11 0.67	34.70 0.09 -1.03	39.17 0.17 -1.48	36.34 0.30 -2.96	25.36 0.12 -3.22	24.13 0.36 -0.40	24.29 0.55 0.00
SELKIRK___II 23799	20.06 0.27 0.00	19.76 0.32 0.00	18.83 0.36 0.00	18.13 0.37 0.00	17.87 0.33 0.00	18.50 0.28 0.00	20.79 0.48 0.00	25.35 0.63 0.00	25.44 0.61 0.00	23.83 0.51 0.00	24.00 0.27 -1.50	-230.19 -0.01 247.08	-498.80 0.02 516.34	27.86 0.06 -7.36	35.84 0.05 -7.99	40.90 0.04 -3.14	44.88 0.19 -14.82	33.57 0.30 2.11	35.02 0.48 -0.96	39.55 0.63 -1.40	36.85 0.66 -3.11	25.41 0.35 -3.04	24.21 0.44 -0.39	24.12 0.37 0.00
SENECA OSWGO___HYD 24041	20.29 0.49 0.00	19.90 0.46 0.00	18.86 0.39 0.00	18.06 0.30 0.00	17.86 0.31 0.00	18.56 0.34 0.00	20.67 0.35 0.00	25.11 0.39 0.00	25.17 0.34 0.00	23.60 0.28 0.00	22.54 0.31 0.00	17.21 0.31 0.00	17.82 0.30 0.00	20.71 0.26 0.00	28.16 0.35 0.00	38.20 0.49 0.00	30.56 0.68 0.00	36.39 1.02 0.00	34.68 1.09 0.00	38.44 0.92 0.00	33.44 0.37 0.00	22.31 0.29 0.00	23.73 0.36 0.00	24.18 0.43 0.00
SENECA___115KV_TB3 355854	20.34 0.55 0.00	19.97 0.53 0.00	18.73 0.25 0.00	17.60 -0.16 0.00	17.41 -0.14 0.00	18.35 0.14 0.00	20.28 -0.03 0.00	24.48 -0.24 0.00	25.06 0.23 0.00	23.80 0.48 0.00	22.94 0.71 0.00	17.61 0.72 0.00	18.20 0.68 0.00	21.37 0.93 0.00	29.20 1.39 0.00	39.41 1.69 0.00	32.10 2.22 0.00	37.83 2.45 0.00	35.78 2.20 0.00	38.93 1.42 0.00	32.72 -0.35 0.00	21.98 -0.04 0.00	23.48 0.12 0.00	24.02 0.27 0.00
SENECA___ENERGY 23797	19.96 0.16 0.00	19.53 0.09 0.00	18.50 0.02 0.00	17.68 -0.08 0.00	17.46 -0.09 0.00	18.21 -0.01 0.00	20.31 -0.01 0.00	24.69 -0.04 0.00	24.83 0.00 0.00	23.29 -0.03 0.00	22.26 0.03 0.00	17.01 0.11 0.00	17.64 0.12 0.00	20.63 0.19 0.00	28.11 0.31 0.00	38.14 0.43 0.00	30.57 0.68 0.00	36.40 1.02 0.00	34.55 0.97 0.00	38.22 0.70 0.00	33.05 -0.02 0.00	22.01 -0.01 0.00	23.39 0.02 0.00	23.85 0.11 0.00
SHOEMAKER___GT 23640	20.56 0.76 0.00	20.12 0.68 0.00	19.09 0.62 0.00	18.34 0.58 0.00	18.09 0.54 0.00	18.84 0.62 0.00	21.29 0.98 0.00	25.98 1.25 0.00	26.14 1.32 0.00	24.57 1.25 0.00	19.33 1.21 4.11	-30.40 0.92 48.21	-19.61 0.96 38.10	-22.19 1.14 43.79	-17.19 1.58 46.57	23.04 2.17 16.84	-50.78 1.98 82.63	46.44 2.37 -8.69	30.75 2.33 5.17	32.49 2.50 7.53	25.23 2.04 9.88	7.08 1.38 16.31	23.15 1.49 1.71	25.05 1.30 0.00
SHOEMAKR_138KV_BK 111 55601	20.54 0.75 0.00	20.10 0.67 0.00	19.09 0.61 0.00	18.33 0.57 0.00	18.08 0.53 0.00	18.82 0.61 0.00	21.27 0.96 0.00	25.96 1.23 0.00	26.13 1.30 0.00	24.56 1.24 0.00	19.42 1.21 4.01	-37.49 0.93 55.31	-37.74 0.97 56.23	-43.20 1.15 64.80	-39.35 1.60 68.75	15.23 2.20 24.69	-100.46 1.97 132.32	41.11 2.36 -3.37	28.23 2.31 7.67	28.97 2.48 11.03	24.36 2.01 10.73	-0.52 1.36 23.90	22.56 1.46 2.27	25.03 1.28 0.00

SHOREHAM_IC_1 23715	23.32 1.66 -1.86	20.84 1.40 0.00	19.74 1.26 0.00	18.93 1.17 0.00	18.68 1.13 0.00	19.58 1.36 0.00	22.31 2.00 0.00	27.21 2.48 0.00	27.36 2.53 0.00	25.73 2.41 0.00	28.70 2.42 -4.05	61.12 1.89 -42.34	39.08 1.89 -19.68	45.70 1.99 -23.27	54.81 2.76 -24.25	51.72 3.92 -10.09	115.75 3.06 -82.81	73.23 4.00 -33.86	47.31 4.05 -9.68	143.38 4.35 -101.51	157.14 3.96 -120.10	45.51 2.64 -20.84	28.95 2.83 -2.75	30.24 2.65 -3.85
SHOREHAM_IC_2 23716	23.32 1.66 -1.86	20.84 1.40 0.00	19.74 1.26 0.00	18.93 1.17 0.00	18.68 1.13 0.00	19.58 1.36 0.00	22.31 2.00 0.00	27.21 2.48 0.00	27.36 2.53 0.00	25.73 2.41 0.00	28.70 2.42 -4.05	61.12 1.89 -42.34	39.08 1.89 -19.68	45.70 1.99 -23.27	54.81 2.76 -24.25	51.72 3.92 -10.09	115.75 3.06 -82.81	73.23 4.00 -33.86	47.31 4.05 -9.68	143.38 4.35 -101.51	157.14 3.96 -120.10	45.51 2.64 -20.84	28.95 2.83 -2.75	30.24 2.65 -3.85
SISSONVILLE____ 23735	19.67 -0.13 0.00	19.36 -0.08 0.00	18.40 -0.07 0.00	17.77 0.01 0.00	17.65 0.10 0.00	18.35 0.14 0.00	20.45 0.13 0.00	24.96 0.23 0.00	25.00 0.17 0.00	23.40 0.08 0.00	22.29 0.07 0.00	16.96 0.06 0.00	17.57 0.05 0.00	20.52 0.08 0.00	27.88 0.08 0.00	37.88 0.16 0.00	29.58 -0.30 0.00	34.83 -0.55 0.00	32.33 -1.25 0.00	36.82 -0.69 0.00	32.65 -0.43 0.00	21.86 -0.16 0.00	23.13 -0.23 0.00	23.51 -0.23 0.00
SITHE_IND_GS1 24169	19.45 -0.35 0.00	19.09 -0.35 0.00	18.13 -0.35 0.00	17.39 -0.38 0.00	17.17 -0.38 0.00	17.81 -0.41 0.00	19.77 -0.54 0.00	23.98 -0.75 0.00	24.06 -0.77 0.00	22.60 -0.72 0.00	21.58 -0.65 0.00	16.47 -0.43 0.00	17.07 -0.44 0.00	19.90 -0.55 0.00	27.06 -0.74 0.00	36.70 -1.02 0.00	29.23 -0.65 0.00	34.67 -0.71 0.00	32.94 -0.65 0.00	36.62 -0.90 0.00	32.07 -1.01 0.00	21.37 -0.65 0.00	22.72 -0.65 0.00	23.25 -0.50 0.00
SITHE_IND_GS2 24170	19.45 -0.35 0.00	19.09 -0.35 0.00	18.13 -0.35 0.00	17.39 -0.38 0.00	17.17 -0.38 0.00	17.81 -0.41 0.00	19.77 -0.54 0.00	23.98 -0.75 0.00	24.06 -0.77 0.00	22.60 -0.72 0.00	21.58 -0.65 0.00	16.47 -0.43 0.00	17.07 -0.44 0.00	19.90 -0.55 0.00	27.06 -0.74 0.00	36.70 -1.02 0.00	29.23 -0.65 0.00	34.67 -0.71 0.00	32.94 -0.65 0.00	36.62 -0.90 0.00	32.07 -1.01 0.00	21.37 -0.65 0.00	22.72 -0.65 0.00	23.25 -0.50 0.00
SITHE_IND_GS3 24171	19.45 -0.35 0.00	19.09 -0.35 0.00	18.13 -0.35 0.00	17.39 -0.38 0.00	17.17 -0.38 0.00	17.81 -0.41 0.00	19.77 -0.54 0.00	23.98 -0.75 0.00	24.06 -0.77 0.00	22.60 -0.72 0.00	21.58 -0.65 0.00	16.47 -0.43 0.00	17.07 -0.44 0.00	19.90 -0.55 0.00	27.06 -0.74 0.00	36.70 -1.02 0.00	29.23 -0.65 0.00	34.67 -0.71 0.00	32.94 -0.65 0.00	36.62 -0.90 0.00	32.07 -1.01 0.00	21.37 -0.65 0.00	22.72 -0.65 0.00	23.25 -0.50 0.00
SITHE_IND_GS4 24172	19.45 -0.35 0.00	19.09 -0.35 0.00	18.13 -0.35 0.00	17.39 -0.38 0.00	17.17 -0.38 0.00	17.81 -0.41 0.00	19.77 -0.54 0.00	23.98 -0.75 0.00	24.06 -0.77 0.00	22.60 -0.72 0.00	21.58 -0.65 0.00	16.47 -0.43 0.00	17.07 -0.44 0.00	19.90 -0.55 0.00	27.06 -0.74 0.00	36.70 -1.02 0.00	29.23 -0.65 0.00	34.67 -0.71 0.00	32.94 -0.65 0.00	36.62 -0.90 0.00	32.07 -1.01 0.00	21.37 -0.65 0.00	22.72 -0.65 0.00	23.25 -0.50 0.00
SITHE____BATAVIA 24024	20.37 0.57 0.00	20.00 0.56 0.00	18.78 0.30 0.00	17.69 -0.07 0.00	17.50 -0.05 0.00	18.40 0.18 0.00	20.39 0.07 0.00	24.59 -0.13 0.00	25.06 0.24 0.00	23.70 0.39 0.00	22.73 0.51 0.00	17.48 0.58 0.00	18.14 0.62 0.00	21.28 0.83 0.00	28.94 1.14 0.00	39.14 1.43 0.00	31.79 1.91 0.00	37.89 2.51 0.00	36.07 2.49 0.00	39.36 1.84 0.00	33.26 0.19 0.00	22.26 0.24 0.00	23.70 0.34 0.00	24.27 0.52 0.00
SITHE____INDEPEND 23800	19.45 -0.35 0.00	19.09 -0.34 0.00	18.13 -0.35 0.00	17.38 -0.38 0.00	17.17 -0.38 0.00	17.81 -0.41 0.00	19.77 -0.54 0.00	23.98 -0.75 0.00	24.06 -0.77 0.00	22.60 -0.72 0.00	21.58 -0.65 0.00	16.47 -0.43 0.00	17.07 -0.44 0.00	19.90 -0.55 0.00	27.06 -0.74 0.00	36.70 -1.02 0.00	29.24 -0.64 0.00	34.67 -0.71 0.00	32.94 -0.65 0.00	36.62 -0.90 0.00	32.07 -1.01 0.00	21.37 -0.65 0.00	22.72 -0.65 0.00	23.25 -0.49 0.00
SITHE____MASSENA 23902	19.59 -0.20 0.00	19.28 -0.16 0.00	18.31 -0.16 0.00	17.67 -0.09 0.00	17.52 -0.03 0.00	18.20 -0.02 0.00	20.20 -0.11 0.00	24.63 -0.10 0.00	24.71 -0.12 0.00	23.20 -0.12 0.00	22.11 -0.12 0.00	16.81 -0.09 0.00	17.41 -0.10 0.00	20.34 -0.11 0.00	27.62 -0.18 0.00	37.50 -0.21 0.00	29.27 -0.61 0.00	34.55 -0.83 0.00	32.34 -1.25 0.00	36.75 -0.77 0.00	32.69 -0.39 0.00	21.80 -0.22 0.00	23.05 -0.31 0.00	23.44 -0.30 0.00
SITHE____OGDNSBRG 24021	19.85 0.06 0.00	19.53 0.09 0.00	18.54 0.06 0.00	17.89 0.13 0.00	17.78 0.23 0.00	18.49 0.28 0.00	20.63 0.32 0.00	25.17 0.45 0.00	25.16 0.33 0.00	23.50 0.18 0.00	22.40 0.17 0.00	17.04 0.14 0.00	17.67 0.15 0.00	20.63 0.18 0.00	28.03 0.23 0.00	38.12 0.40 0.00	29.72 -0.16 0.00	35.11 -0.26 0.00	32.88 -0.71 0.00	37.46 -0.06 0.00	33.28 0.20 0.00	22.20 0.19 0.00	23.44 0.07 0.00	23.81 0.07 0.00
SITHE____STERLING 23777	20.42 0.62 0.00	20.05 0.61 0.00	19.03 0.55 0.00	18.27 0.51 0.00	18.05 0.50 0.00	18.75 0.53 0.00	20.92 0.60 0.00	25.49 0.77 0.00	25.50 0.68 0.00	23.84 0.52 0.00	22.72 0.49 0.00	17.30 0.41 0.00	17.93 0.42 0.00	20.96 0.51 0.00	28.59 0.79 0.00	38.83 1.11 0.00	31.01 1.13 0.00	36.95 1.57 0.00	35.22 1.63 0.00	39.15 1.64 0.00	34.08 1.00 0.00	22.61 0.60 0.00	23.95 0.58 0.00	24.30 0.56 0.00
SLEIGHT__34_KV_TB1 80719	20.36 0.57 0.00	19.88 0.44 0.00	18.85 0.37 0.00	18.04 0.28 0.00	17.80 0.25 0.00	18.56 0.34 0.00	20.66 0.35 0.00	25.12 0.40 0.00	25.27 0.44 0.00	23.70 0.38 0.00	22.66 0.44 0.00	17.36 0.46 0.00	18.02 0.51 0.00	21.08 0.63 0.00	28.75 0.95 0.00	38.91 1.20 0.00	31.27 1.39 0.00	37.25 1.87 0.00	35.31 1.73 0.00	39.03 1.52 0.00	33.81 0.73 0.00	22.44 0.42 0.00	23.80 0.43 0.00	24.28 0.53 0.00
SOUTH CAIRO____GT 23612	20.57 0.78 0.00	20.27 0.83 0.00	19.32 0.84 0.00	18.58 0.82 0.00	18.34 0.79 0.00	18.98 0.77 0.00	21.46 1.15 0.00	26.21 1.49 0.00	26.19 1.37 0.00	24.33 1.01 0.00	23.84 0.56 -1.05	-60.64 0.14 77.67	-153.20 0.20 170.92	30.99 0.31 -10.24	39.07 0.45 -10.82	42.39 0.69 -3.98	58.64 0.94 -27.82	41.81 1.56 -4.87	36.80 1.92 -1.29	41.59 2.29 -1.78	37.61 2.06 -2.47	27.05 1.17 -3.86	25.02 1.24 -0.41	24.82 1.08 0.00
SOUTH HAMPTN____IC 23720	23.50 1.86 -1.84	21.03 1.59 0.00	19.92 1.44 0.00	19.11 1.34 0.00	18.86 1.30 0.00	19.79 1.58 0.00	22.60 2.29 0.00	27.57 2.85 0.00	27.74 2.91 0.00	26.11 2.78 0.00	29.07 2.79 -4.05	61.43 2.20 -42.34	39.40 2.21 -19.68	46.07 2.35 -23.27	55.33 3.27 -24.25	52.38 4.58 -10.09	116.40 3.71 -82.81	73.91 4.68 -33.86	47.94 4.68 -9.68	144.05 5.02 -101.51	157.65 4.47 -120.10	45.82 2.98 -20.83	29.30 3.18 -2.75	30.58 2.99 -3.85

SOUTHDOWN_115KV_TB1 355954	21.05 1.25 0.00	20.60 1.16 0.00	19.30 0.83 0.00	18.20 0.44 0.00	18.01 0.46 0.00	19.03 0.81 0.00	21.20 0.89 0.00	25.68 0.96 0.00	26.28 1.45 0.00	24.99 1.67 0.00	24.11 1.88 0.00	18.52 1.63 0.00	19.15 1.63 0.00	22.51 2.07 0.00	30.78 2.97 0.00	41.41 3.70 0.00	33.60 3.72 0.00	39.46 4.09 0.00	37.15 3.56 0.00	40.33 2.82 0.00	33.89 0.82 0.00	22.76 0.74 0.00	24.20 0.83 0.00	24.53 0.79 0.00
SOUTHOLD_69_KV_BK 2 55809	23.73 2.10 -1.83	21.30 1.87 0.00	20.17 1.70 0.00	19.36 1.59 0.00	19.11 1.55 0.00	20.12 1.91 0.00	22.98 2.66 0.00	28.04 3.32 0.00	28.23 3.40 0.00	26.59 3.27 0.00	29.52 3.24 -4.05	61.79 2.56 -42.34	39.77 2.57 -19.68	46.51 2.80 -23.27	55.93 3.87 -24.25	53.24 5.44 -10.09	117.14 4.45 -82.81	74.81 5.57 -33.86	48.79 5.53 -9.68	144.95 5.92 -101.51	158.36 5.18 -120.10	46.27 3.43 -20.83	29.76 3.65 -2.75	31.04 3.44 -3.85
SOUTHOLD___IC 23719	23.79 2.16 -1.84	21.31 1.87 0.00	20.17 1.70 0.00	19.36 1.59 0.00	19.11 1.55 0.00	20.08 1.87 0.00	22.98 2.66 0.00	28.04 3.32 0.00	28.23 3.40 0.00	26.58 3.26 0.00	29.52 3.24 -4.05	61.79 2.56 -42.34	39.77 2.58 -19.68	46.51 2.80 -23.27	55.93 3.88 -24.25	53.24 5.44 -10.09	117.12 4.43 -82.81	74.81 5.57 -33.86	48.79 5.53 -9.68	144.95 5.92 -101.51	158.36 5.18 -120.10	46.27 3.43 -20.83	29.76 3.65 -2.75	31.03 3.44 -3.85
SPIERFLS_115KV_TB 1 80737	20.58 0.78 0.00	20.15 0.72 0.00	19.18 0.71 0.00	18.44 0.68 0.00	18.22 0.67 0.00	18.97 0.76 0.00	21.49 1.18 0.00	26.22 1.49 0.00	26.24 1.41 0.00	24.55 1.23 0.00	24.73 1.00 -1.50	31.84 0.65 -14.29	24.22 0.62 -6.09	27.84 0.74 -6.65	36.15 1.02 -7.33	42.16 1.44 -3.01	45.96 1.46 -14.62	35.71 1.99 1.66	36.76 2.26 -0.92	41.50 2.64 -1.35	38.59 2.41 -3.11	26.33 1.40 -2.91	25.27 1.52 -0.39	25.03 1.29 0.00
ST LAWRENCE____ 23600	19.36 -0.44 0.00	19.04 -0.40 0.00	18.09 -0.39 0.00	17.45 -0.32 0.00	17.30 -0.25 0.00	17.97 -0.25 0.00	19.94 -0.38 0.00	24.30 -0.42 0.00	24.40 -0.43 0.00	22.92 -0.40 0.00	21.85 -0.38 0.00	16.60 -0.29 0.00	17.20 -0.32 0.00	20.08 -0.36 0.00	27.28 -0.52 0.00	37.03 -0.68 0.00	28.97 -0.91 0.00	34.19 -1.18 0.00	32.22 -1.36 0.00	36.32 -1.20 0.00	32.34 -0.73 0.00	21.56 -0.46 0.00	22.79 -0.57 0.00	23.18 -0.56 0.00
STATE_CA_115KV_115_LB 55624	20.10 0.30 0.00	19.78 0.34 0.00	18.84 0.36 0.00	18.12 0.36 0.00	17.88 0.33 0.00	18.50 0.28 0.00	20.83 0.51 0.00	25.41 0.68 0.00	25.48 0.66 0.00	23.90 0.58 0.00	24.19 0.42 -1.54	31.67 0.17 -14.60	24.10 0.25 -6.34	27.70 0.31 -6.94	35.84 0.40 -7.63	41.41 0.58 -3.11	45.72 0.66 -15.19	34.61 0.88 1.65	35.53 0.99 -0.95	40.08 1.18 -1.39	37.36 1.11 -3.17	25.64 0.61 -3.01	24.46 0.70 -0.40	24.28 0.54 0.00
STATE_ST_34_KV_LOAD 55959	20.18 0.38 0.00	19.71 0.28 0.00	18.75 0.27 0.00	17.98 0.22 0.00	17.74 0.19 0.00	18.51 0.29 0.00	20.67 0.35 0.00	25.05 0.33 0.00	25.21 0.38 0.00	23.57 0.25 0.00	22.51 0.28 0.00	17.24 0.34 0.00	17.87 0.35 0.00	20.88 0.44 0.00	28.46 0.65 0.00	38.53 0.81 0.00	30.85 0.97 0.00	36.76 1.38 0.00	34.80 1.22 0.00	38.57 1.06 0.00	33.54 0.47 0.00	22.32 0.31 0.00	23.72 0.35 0.00	24.26 0.52 0.00
STATION 5_MISC_HYD 23604	20.02 0.23 0.00	19.64 0.20 0.00	18.54 0.06 0.00	17.60 -0.16 0.00	17.39 -0.16 0.00	18.20 -0.02 0.00	20.26 -0.05 0.00	24.56 -0.17 0.00	24.86 0.03 0.00	23.44 0.12 0.00	22.48 0.25 0.00	17.23 0.33 0.00	17.88 0.36 0.00	20.94 0.49 0.00	28.56 0.76 0.00	38.71 1.00 0.00	31.16 1.28 0.00	37.02 1.64 0.00	35.16 1.57 0.00	38.66 1.15 0.00	33.18 0.11 0.00	22.12 0.10 0.00	23.51 0.14 0.00	23.98 0.24 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.12 0.32 0.00	19.72 0.28 0.00	18.64 0.16 0.00	17.76 -0.01 0.00	17.55 0.00 0.00	18.33 0.12 0.00	20.44 0.12 0.00	24.81 0.09 0.00	25.03 0.20 0.00	23.55 0.23 0.00	22.57 0.34 0.00	17.27 0.37 0.00	17.91 0.39 0.00	20.97 0.52 0.00	28.61 0.81 0.00	38.82 1.11 0.00	31.20 1.32 0.00	37.08 1.71 0.00	35.21 1.62 0.00	38.81 1.29 0.00	33.43 0.35 0.00	22.25 0.24 0.00	23.63 0.26 0.00	24.06 0.32 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.90 0.10 0.00	19.51 0.08 0.00	18.42 -0.06 0.00	17.51 -0.25 0.00	17.30 -0.25 0.00	18.09 -0.12 0.00	20.15 -0.16 0.00	24.43 -0.29 0.00	24.71 -0.12 0.00	23.28 -0.04 0.00	22.34 0.11 0.00	17.11 0.21 0.00	17.75 0.23 0.00	20.79 0.35 0.00	28.37 0.57 0.00	38.49 0.77 0.00	30.97 1.09 0.00	36.78 1.40 0.00	34.92 1.33 0.00	38.42 0.91 0.00	33.02 -0.05 0.00	21.99 -0.03 0.00	23.37 0.00 0.00	23.82 0.08 0.00
STA_56___34_KV_BUS2 355983	19.90 0.10 0.00	19.51 0.08 0.00	18.42 -0.06 0.00	17.51 -0.25 0.00	17.30 -0.25 0.00	18.09 -0.12 0.00	20.15 -0.16 0.00	24.43 -0.29 0.00	24.71 -0.12 0.00	23.28 -0.04 0.00	22.34 0.11 0.00	17.11 0.21 0.00	17.75 0.23 0.00	20.79 0.35 0.00	28.37 0.57 0.00	38.49 0.77 0.00	30.97 1.09 0.00	36.78 1.40 0.00	34.92 1.33 0.00	38.42 0.91 0.00	33.02 -0.05 0.00	21.99 -0.03 0.00	23.37 0.00 0.00	23.82 0.08 0.00
STA_67___115KV_BK2 355882	19.98 0.19 0.00	19.60 0.16 0.00	18.50 0.02 0.00	17.57 -0.19 0.00	17.36 -0.19 0.00	18.16 -0.05 0.00	20.21 -0.10 0.00	24.50 -0.23 0.00	24.79 -0.03 0.00	23.37 0.05 0.00	22.42 0.19 0.00	17.16 0.27 0.00	17.81 0.29 0.00	20.86 0.41 0.00	28.46 0.65 0.00	38.59 0.87 0.00	31.07 1.19 0.00	36.88 1.50 0.00	35.04 1.45 0.00	38.54 1.02 0.00	33.09 0.02 0.00	22.05 0.03 0.00	23.45 0.08 0.00	23.91 0.17 0.00
STA_7___115KV_9TRANS 80674	20.12 0.32 0.00	19.73 0.29 0.00	18.61 0.13 0.00	17.67 -0.09 0.00	17.47 -0.09 0.00	18.28 0.06 0.00	20.36 0.05 0.00	24.68 -0.04 0.00	24.99 0.16 0.00	23.54 0.22 0.00	22.60 0.37 0.00	17.31 0.42 0.00	17.97 0.45 0.00	21.06 0.61 0.00	28.74 0.94 0.00	38.98 1.27 0.00	31.41 1.54 0.00	37.30 1.92 0.00	35.44 1.85 0.00	38.95 1.44 0.00	33.43 0.35 0.00	22.27 0.25 0.00	23.66 0.29 0.00	24.11 0.37 0.00
STA_82___115KV_TB1 80780	20.00 0.20 0.00	19.61 0.17 0.00	18.51 0.03 0.00	17.58 -0.19 0.00	17.37 -0.18 0.00	18.17 -0.04 0.00	20.23 -0.08 0.00	24.51 -0.21 0.00	24.81 -0.02 0.00	23.38 0.06 0.00	22.43 0.20 0.00	17.18 0.29 0.00	17.81 0.30 0.00	20.87 0.43 0.00	28.47 0.67 0.00	38.61 0.89 0.00	31.09 1.21 0.00	36.91 1.53 0.00	35.07 1.48 0.00	38.57 1.05 0.00	33.11 0.03 0.00	22.06 0.04 0.00	23.46 0.10 0.00	23.93 0.19 0.00
STEEL___WIND 323596	20.31 0.51 0.00	19.95 0.51 0.00	18.72 0.24 0.00	17.59 -0.17 0.00	17.40 -0.15 0.00	18.35 0.13 0.00	20.28 -0.03 0.00	24.47 -0.26 0.00	25.04 0.22 0.00	23.83 0.50 0.00	22.93 0.70 0.00	17.62 0.73 0.00	18.22 0.70 0.00	21.38 0.93 0.00	29.18 1.38 0.00	39.35 1.64 0.00	32.02 2.14 0.00	37.80 2.42 0.00	35.74 2.16 0.00	38.90 1.39 0.00	32.68 -0.40 0.00	21.98 -0.04 0.00	23.45 0.09 0.00	23.97 0.23 0.00

STEPHTWN_115KV_BK_2 55603	20.15 0.35 0.00	19.81 0.37 0.00	18.86 0.38 0.00	18.15 0.38 0.00	17.93 0.38 0.00	18.56 0.34 0.00	20.93 0.62 0.00	25.58 0.86 0.00	25.58 0.75 0.00	23.90 0.57 0.00	24.15 0.39 -1.54	31.69 0.13 -14.66	24.17 0.18 -6.47	27.81 0.25 -7.11	35.92 0.32 -7.80	41.31 0.44 -3.16	45.93 0.50 -15.55	34.70 0.88 1.57	35.58 1.03 -0.97	40.26 1.34 -1.41	37.51 1.26 -3.18	25.72 0.65 -3.06	24.51 0.74 -0.40	24.36 0.61 0.00
STEBEN_REC_LFGE 323667	20.70 0.90 0.00	20.27 0.83 0.00	19.06 0.58 0.00	18.06 0.29 0.00	17.87 0.32 0.00	18.78 0.56 0.00	20.93 0.62 0.00	25.45 0.73 0.00	25.71 0.88 0.00	24.20 0.88 0.00	23.19 0.97 0.00	17.68 0.79 0.00	18.21 0.69 0.00	21.35 0.90 0.00	29.17 1.37 0.00	39.45 1.74 0.00	31.97 2.09 0.00	37.67 2.29 0.00	35.70 2.11 0.00	39.09 1.58 0.00	33.04 -0.04 0.00	22.02 0.01 0.00	23.66 0.29 0.00	24.23 0.49 0.00
STONY__BROOK 24151	23.48 1.57 -2.12	20.75 1.31 0.00	19.65 1.18 0.00	18.85 1.09 0.00	18.60 1.05 0.00	19.49 1.28 0.00	22.23 1.92 0.00	27.09 2.37 0.00	27.24 2.42 0.00	25.67 2.35 0.00	28.66 2.38 -4.05	61.10 1.87 -42.34	39.07 1.87 -19.68	45.65 1.93 -23.27	54.70 2.65 -24.25	51.54 3.74 -10.09	115.77 3.09 -82.81	73.12 3.88 -33.86	47.18 3.92 -9.68	143.19 4.17 -101.51	156.87 3.69 -120.10	45.37 2.49 -20.86	28.86 2.74 -2.75	30.19 2.59 -3.85
STURGEON_POOL_HYD 23609	20.62 0.82 0.00	20.17 0.73 0.00	19.18 0.71 0.00	18.45 0.69 0.00	18.17 0.62 0.00	18.91 0.70 0.00	21.83 1.52 0.00	26.71 1.99 0.00	26.95 2.12 0.00	25.35 2.03 0.00	24.23 2.01 21.41	-2.89 1.63 40.73	-21.51 1.70 -16.99	39.47 2.03 -17.45	48.10 2.84 -5.91	47.60 3.98 -57.15	90.53 3.50 -20.53	60.11 4.21 -2.04	39.68 4.05 -2.64	45.24 5.09 -0.77	37.96 4.11 -5.72	30.46 2.73 -0.43	26.62 2.82 0.00	25.53 1.79 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.59 0.80 0.00	20.15 0.71 0.00	19.12 0.64 0.00	18.36 0.60 0.00	18.11 0.56 0.00	18.85 0.63 0.00	21.30 0.99 0.00	26.00 1.28 0.00	26.19 1.36 0.00	24.64 1.32 0.00	19.11 1.31 4.43	-6.60 1.03 24.52	41.05 1.09 -22.45	48.12 1.30 -26.38	57.09 1.80 -27.49	49.52 2.46 -9.34	115.32 2.17 -83.27	64.40 2.57 -26.45	39.25 2.50 -3.17	44.37 2.69 -4.17	28.19 2.17 7.06	32.51 1.46 -9.04	25.13 1.58 -0.19	25.09 1.35 0.00
SWANROAD_115KV_TB1 355699	19.59 -0.20 0.00	19.30 -0.14 0.00	18.10 -0.38 0.00	16.98 -0.78 0.00	16.80 -0.75 0.00	17.68 -0.54 0.00	19.40 -0.91 0.00	23.32 -1.40 0.00	23.95 -0.88 0.00	22.74 -0.58 0.00	21.91 -0.32 0.00	16.82 -0.07 0.00	17.39 -0.12 0.00	20.40 -0.05 0.00	27.77 -0.04 0.00	37.47 -0.24 0.00	30.58 0.70 0.00	36.17 0.80 0.00	34.35 0.77 0.00	37.27 -0.24 0.00	31.31 -1.77 0.00	21.07 -0.95 0.00	22.56 -0.80 0.00	23.20 -0.54 0.00
SYNERGY__BIOGAS 323694	20.37 0.57 0.00	20.00 0.56 0.00	18.78 0.30 0.00	17.69 -0.07 0.00	17.50 -0.05 0.00	18.40 0.18 0.00	20.39 0.07 0.00	24.59 -0.13 0.00	25.06 0.24 0.00	23.70 0.39 0.00	22.73 0.51 0.00	17.48 0.58 0.00	18.14 0.62 0.00	21.28 0.83 0.00	28.94 1.14 0.00	39.14 1.43 0.00	31.79 1.91 0.00	37.89 2.51 0.00	36.07 2.49 0.00	39.36 1.84 0.00	33.26 0.19 0.00	22.26 0.24 0.00	23.70 0.34 0.00	24.27 0.52 0.00
SYRACUSE__ENERGY_ST1 323597	20.04 0.24 0.00	19.65 0.21 0.00	18.65 0.17 0.00	17.87 0.11 0.00	17.65 0.10 0.00	18.33 0.11 0.00	20.38 0.07 0.00	24.75 0.03 0.00	24.84 0.01 0.00	23.30 -0.01 0.00	22.26 0.03 0.00	17.00 0.11 0.00	17.62 0.10 0.00	20.54 0.09 0.00	27.98 0.18 0.00	37.95 0.23 0.00	30.32 0.44 0.00	36.02 0.64 0.00	34.24 0.65 0.00	37.98 0.47 0.00	33.18 0.11 0.00	22.07 0.06 0.00	23.44 0.08 0.00	23.93 0.18 0.00
SYRACUSE__ENERGY_ST2 323598	20.04 0.24 0.00	19.65 0.21 0.00	18.65 0.17 0.00	17.87 0.11 0.00	17.65 0.10 0.00	18.33 0.11 0.00	20.38 0.07 0.00	24.75 0.03 0.00	24.84 0.01 0.00	23.30 -0.01 0.00	22.26 0.03 0.00	17.00 0.11 0.00	17.62 0.10 0.00	20.54 0.09 0.00	27.98 0.18 0.00	37.95 0.23 0.00	30.32 0.44 0.00	36.02 0.64 0.00	34.24 0.65 0.00	37.98 0.47 0.00	33.18 0.11 0.00	22.07 0.06 0.00	23.44 0.08 0.00	23.93 0.18 0.00
SYRACUSE__POWER 24017	20.01 0.21 0.00	19.63 0.18 0.00	18.61 0.14 0.00	17.83 0.07 0.00	17.61 0.06 0.00	18.30 0.08 0.00	20.39 0.07 0.00	24.77 0.05 0.00	24.86 0.03 0.00	23.34 0.02 0.00	22.29 0.07 0.00	17.01 0.11 0.00	17.62 0.10 0.00	20.54 0.09 0.00	27.99 0.19 0.00	37.98 0.27 0.00	30.35 0.47 0.00	36.02 0.64 0.00	34.26 0.67 0.00	38.02 0.50 0.00	33.16 0.09 0.00	22.07 0.05 0.00	23.47 0.10 0.00	23.93 0.19 0.00
TALLMAN__138KV_BK151 55660	20.64 0.84 0.00	20.18 0.74 0.00	19.13 0.66 0.00	18.38 0.62 0.00	18.13 0.58 0.00	18.89 0.67 0.00	21.39 1.07 0.00	26.12 1.39 0.00	26.32 1.50 0.00	24.78 1.46 0.00	18.48 1.47 5.22	-11.19 1.17 29.25	44.38 1.24 -25.62	51.99 1.46 -30.09	61.01 2.00 -31.21	51.05 2.72 -10.62	126.08 2.37 -93.84	67.51 2.77 -29.37	39.87 2.69 -3.59	45.13 2.87 -4.74	27.02 2.34 8.39	33.89 1.59 -10.28	25.28 1.73 -0.19	25.23 1.49 0.00
TEALLAVE_115KV_TB7 355573	19.91 0.11 0.00	19.53 0.09 0.00	18.52 0.05 0.00	17.75 -0.02 0.00	17.52 -0.03 0.00	18.20 -0.02 0.00	20.26 -0.05 0.00	24.62 -0.11 0.00	24.72 -0.12 0.00	23.21 -0.11 0.00	22.18 -0.05 0.00	16.92 0.03 0.00	17.53 0.01 0.00	20.43 -0.01 0.00	27.83 0.03 0.00	37.75 0.04 0.00	30.16 0.28 0.00	35.79 0.42 0.00	34.03 0.45 0.00	37.76 0.24 0.00	32.93 -0.14 0.00	21.92 -0.09 0.00	23.32 -0.04 0.00	23.80 0.06 0.00
TELGRAPH_34_KV_EAST 80808	20.02 0.22 0.00	19.68 0.24 0.00	18.47 0.00 0.00	17.35 -0.41 0.00	17.18 -0.37 0.00	18.06 -0.15 0.00	19.92 -0.39 0.00	23.94 -0.79 0.00	24.47 -0.36 0.00	23.22 -0.10 0.00	22.36 0.13 0.00	17.18 0.29 0.00	17.79 0.27 0.00	20.89 0.44 0.00	28.44 0.64 0.00	38.45 0.73 0.00	31.30 1.43 0.00	37.10 1.72 0.00	35.25 1.67 0.00	38.33 0.82 0.00	32.32 -0.76 0.00	21.67 -0.34 0.00	23.16 -0.21 0.00	23.79 0.04 0.00
TEMPLE__115KV_TB 2 55572	19.92 0.12 0.00	19.54 0.10 0.00	18.53 0.05 0.00	17.75 -0.01 0.00	17.53 -0.03 0.00	18.21 0.00 0.00	20.28 -0.04 0.00	24.63 -0.09 0.00	24.72 -0.11 0.00	23.23 -0.09 0.00	22.20 -0.03 0.00	16.94 0.04 0.00	17.55 0.03 0.00	20.45 0.01 0.00	27.87 0.06 0.00	37.80 0.08 0.00	30.20 0.32 0.00	35.83 0.45 0.00	34.07 0.48 0.00	37.79 0.28 0.00	32.97 -0.11 0.00	21.94 -0.08 0.00	23.34 -0.02 0.00	23.82 0.08 0.00
TIANA__69_KV_BK 1 55817	23.38 1.75 -1.83	20.96 1.52 0.00	19.85 1.38 0.00	19.05 1.28 0.00	18.80 1.25 0.00	19.77 1.55 0.00	22.53 2.22 0.00	27.49 2.77 0.00	27.65 2.82 0.00	26.03 2.71 0.00	28.99 2.71 -4.05	61.36 2.13 -42.34	39.32 2.13 -19.68	45.95 2.23 -23.27	55.16 3.11 -24.25	52.18 4.38 -10.09	116.24 3.56 -82.81	73.72 4.48 -33.86	47.76 4.50 -9.68	143.86 4.83 -101.51	157.50 4.32 -120.10	45.72 2.88 -20.83	29.23 3.11 -2.75	30.51 2.92 -3.85

TILDEN___115KV_TB1 80814	20.01 0.21 0.00	19.63 0.18 0.00	18.61 0.14 0.00	17.83 0.07 0.00	17.61 0.06 0.00	18.30 0.08 0.00	20.39 0.07 0.00	24.77 0.05 0.00	24.86 0.03 0.00	23.34 0.02 0.00	22.29 0.07 0.00	17.01 0.11 0.00	17.62 0.10 0.00	20.54 0.09 0.00	27.99 0.19 0.00	37.98 0.27 0.00	30.35 0.47 0.00	36.02 0.64 0.00	34.26 0.67 0.00	38.02 0.50 0.00	33.16 0.09 0.00	22.07 0.05 0.00	23.47 0.10 0.00	23.93 0.19 0.00
TRIGEN___CC 323695	21.02 1.23 0.00	20.52 1.08 0.00	19.43 0.95 0.00	18.65 0.89 0.00	18.40 0.85 0.00	19.23 1.01 0.00	21.80 1.49 0.00	26.57 1.85 0.00	26.77 1.95 0.00	25.23 1.91 0.00	28.24 1.96 -4.05	60.78 1.55 -42.34	38.73 1.53 -19.68	45.42 1.71 -23.27	54.47 2.42 -24.25	51.16 3.36 -10.09	115.52 2.83 -82.81	72.61 3.37 -33.86	46.55 3.29 -9.68	142.66 3.63 -101.51	156.28 3.11 -120.10	53.37 2.12 -29.23	28.45 2.33 -2.75	29.69 2.10 -3.85
TRINITY__115KV__4 BK 55933	20.00 0.20 0.00	19.69 0.26 0.00	18.76 0.28 0.00	18.05 0.29 0.00	17.81 0.26 0.00	18.42 0.20 0.00	20.74 0.42 0.00	25.30 0.58 0.00	25.37 0.54 0.00	23.78 0.46 0.00	24.07 0.30 -1.55	31.66 0.07 -14.69	24.08 0.14 -6.42	27.67 0.18 -7.05	35.75 0.22 -7.73	41.17 0.31 -3.14	45.63 0.42 -15.33	34.32 0.61 1.67	35.29 0.74 -0.96	39.86 0.94 -1.40	37.20 0.94 -3.18	25.54 0.48 -3.04	24.35 0.58 -0.40	24.17 0.42 0.00
UNION___PROCESSING_DRP 323587	20.00 0.20 0.00	19.62 0.18 0.00	18.52 0.04 0.00	17.58 -0.18 0.00	17.38 -0.17 0.00	18.17 -0.04 0.00	20.23 -0.08 0.00	24.52 -0.21 0.00	24.82 -0.01 0.00	23.39 0.07 0.00	22.44 0.21 0.00	17.18 0.29 0.00	17.82 0.31 0.00	20.88 0.43 0.00	28.48 0.68 0.00	38.63 0.91 0.00	31.11 1.23 0.00	36.93 1.55 0.00	35.10 1.51 0.00	38.59 1.07 0.00	33.13 0.05 0.00	22.07 0.06 0.00	23.47 0.10 0.00	23.94 0.20 0.00
UPPER HUDSON___HYD 24058	20.58 0.79 0.00	20.15 0.71 0.00	19.18 0.71 0.00	18.44 0.67 0.00	18.22 0.67 0.00	18.97 0.75 0.00	21.49 1.18 0.00	26.22 1.49 0.00	26.24 1.41 0.00	24.55 1.23 0.00	24.73 1.00 -1.50	31.84 0.65 -14.29	24.22 0.61 -6.09	27.83 0.73 -6.65	36.15 1.02 -7.33	42.16 1.44 -3.01	45.97 1.46 -14.62	35.71 1.99 1.66	36.77 2.26 -0.92	41.50 2.64 -1.35	38.60 2.41 -3.11	26.33 1.40 -2.91	25.27 1.52 -0.39	25.03 1.29 0.00
UPPER RAQUET___HYD 24056	19.67 -0.12 0.00	19.36 -0.08 0.00	18.40 -0.07 0.00	17.77 0.01 0.00	17.65 0.10 0.00	18.35 0.14 0.00	20.45 0.14 0.00	24.96 0.23 0.00	25.00 0.17 0.00	23.40 0.08 0.00	22.29 0.07 0.00	16.96 0.06 0.00	17.57 0.05 0.00	20.52 0.08 0.00	27.88 0.08 0.00	37.88 0.17 0.00	29.58 -0.30 0.00	34.83 -0.55 0.00	32.33 -1.25 0.00	36.82 -0.70 0.00	32.65 -0.43 0.00	21.86 -0.16 0.00	23.14 -0.23 0.00	23.51 -0.23 0.00
VALLEY44_115KV_TB2 355964	20.72 0.92 0.00	20.31 0.88 0.00	19.09 0.62 0.00	18.01 0.25 0.00	17.83 0.28 0.00	18.84 0.63 0.00	20.95 0.63 0.00	25.39 0.67 0.00	25.90 1.07 0.00	24.59 1.26 0.00	23.69 1.46 0.00	18.14 1.25 0.00	18.72 1.20 0.00	21.98 1.54 0.00	29.98 2.18 0.00	40.36 2.65 0.00	32.75 2.87 0.00	38.40 3.03 0.00	36.27 2.69 0.00	39.83 2.31 0.00	33.69 0.61 0.00	22.67 0.65 0.00	24.22 0.85 0.00	24.71 0.97 0.00
VALLEY___115KV_TB 1-4 80826	20.10 0.30 0.00	19.74 0.30 0.00	18.79 0.31 0.00	18.06 0.30 0.00	17.83 0.28 0.00	18.45 0.23 0.00	20.63 0.32 0.00	25.20 0.47 0.00	25.22 0.39 0.00	23.54 0.22 0.00	22.29 0.07 0.00	16.84 -0.06 0.00	17.44 -0.08 0.00	20.35 -0.09 0.00	27.73 -0.07 0.00	37.64 -0.07 0.00	29.98 0.10 0.00	35.84 0.47 0.00	34.10 0.52 0.00	38.08 0.56 0.00	33.68 0.60 0.00	22.44 0.43 0.00	23.81 0.44 0.00	24.04 0.30 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.49 0.69 0.00	20.09 0.65 0.00	19.12 0.64 0.00	18.37 0.61 0.00	18.06 0.51 0.00	18.78 0.57 0.00	21.16 0.85 0.00	25.77 1.05 0.00	25.91 1.08 0.00	24.36 1.04 0.00	22.82 1.00 0.41	13.99 0.75 3.66	18.45 0.80 -0.13	21.61 0.96 -0.21	29.27 1.30 -0.17	39.45 1.74 0.00	32.75 1.59 -1.29	38.36 1.90 -1.08	35.46 1.86 -0.01	39.49 1.97 0.00	34.17 1.58 0.48	23.06 1.05 0.00	24.45 1.12 0.04	24.76 1.02 0.00
VISCHER___FERRY HYD 24020	20.37 0.57 0.00	20.03 0.59 0.00	19.07 0.59 0.00	18.34 0.58 0.00	18.11 0.55 0.00	18.75 0.53 0.00	21.11 0.80 0.00	25.76 1.03 0.00	25.80 0.98 0.00	24.18 0.86 0.00	24.48 0.68 -1.57	32.20 0.39 -14.91	24.16 0.46 -6.18	27.64 0.54 -6.65	35.93 0.72 -7.41	41.87 1.00 -3.15	47.43 1.00 -16.55	36.02 1.33 0.69	36.01 1.45 -0.97	40.68 1.76 -1.41	38.01 1.69 -3.25	26.01 0.95 -3.05	24.86 1.08 -0.40	24.63 0.89 0.00
V_A_10_SYNC_DSASP 323832	19.67 -0.13 0.00	19.33 -0.10 0.00	18.18 -0.29 0.00	17.15 -0.61 0.00	16.95 -0.60 0.00	17.81 -0.41 0.00	19.71 -0.60 0.00	23.79 -0.94 0.00	24.27 -0.56 0.00	23.01 -0.30 0.00	22.11 -0.11 0.00	16.97 0.08 0.00	17.57 0.05 0.00	20.59 0.14 0.00	28.03 0.22 0.00	37.86 0.15 0.00	30.66 0.78 0.00	36.31 0.93 0.00	34.42 0.83 0.00	37.64 0.13 0.00	31.91 -1.17 0.00	21.39 -0.62 0.00	22.87 -0.50 0.00	23.39 -0.35 0.00
V_CMM_10_SYNC_DSASP 323787	19.44 -0.35 0.00	19.13 -0.31 0.00	18.17 -0.31 0.00	17.53 -0.23 0.00	17.38 -0.17 0.00	18.05 -0.17 0.00	20.03 -0.28 0.00	24.42 -0.30 0.00	24.52 -0.31 0.00	23.04 -0.28 0.00	21.96 -0.27 0.00	16.69 -0.21 0.00	17.29 -0.23 0.00	20.19 -0.25 0.00	27.42 -0.38 0.00	37.22 -0.49 0.00	29.13 -0.75 0.00	34.38 -0.99 0.00	32.40 -1.19 0.00	36.51 -1.00 0.00	32.50 -0.58 0.00	21.65 -0.36 0.00	22.90 -0.47 0.00	23.29 -0.46 0.00
V_CMP_10_SYNC_DSASP 323788	19.46 -0.34 0.00	19.07 -0.37 0.00	18.24 -0.23 0.00	17.70 -0.06 0.00	17.60 0.05 0.00	18.43 0.22 0.00	20.85 0.54 0.00	25.58 0.86 0.00	25.57 0.75 0.00	23.95 0.63 0.00	22.82 0.59 0.00	17.37 0.47 0.00	18.01 0.49 0.00	21.05 0.61 0.00	28.59 0.78 0.00	38.83 1.11 0.00	30.69 0.81 0.00	36.18 0.80 0.00	33.91 0.32 0.00	38.15 0.64 0.00	33.40 0.33 0.00	22.02 0.00 0.00	23.09 -0.28 0.00	23.25 -0.50 0.00
V_E_10_SYNC_DSASP 323830	21.37 1.57 0.00	20.91 1.47 0.00	19.79 1.31 0.00	18.93 1.17 0.00	18.74 1.19 0.00	19.51 1.29 0.00	21.93 1.62 0.00	26.78 2.05 0.00	26.83 2.00 0.00	25.10 1.78 0.00	23.52 1.74 0.44	14.35 1.39 3.94	18.95 1.43 0.00	22.12 1.67 0.00	30.15 2.35 0.00	40.90 3.19 0.00	33.60 2.87 -0.85	39.96 3.87 -0.71	37.27 3.67 -0.01	41.22 3.70 0.00	35.51 2.43 0.00	23.60 1.59 0.00	24.98 1.61 0.00	25.23 1.49 0.00
V_F_30_NSYNC___DSASP 323816	20.67 0.88 0.00	20.27 0.83 0.00	19.30 0.83 0.00	18.55 0.79 0.00	18.32 0.77 0.00	19.02 0.80 0.00	21.47 1.15 0.00	26.18 1.46 0.00	26.23 1.41 0.00	24.58 1.26 0.00	24.83 1.09 -1.51	32.00 0.72 -14.38	24.38 0.77 -6.10	28.00 0.91 -6.64	36.37 1.24 -7.34	42.47 1.73 -3.03	46.44 1.64 -14.91	35.97 2.10 1.51	36.70 2.18 -0.93	41.40 2.54 -1.35	38.48 2.28 -3.13	26.31 1.36 -2.93	25.24 1.48 -0.39	25.04 1.30 0.00

V_F_30_SYNC_DSASP 323786	20.10 0.30 0.00	19.78 0.34 0.00	18.84 0.36 0.00	18.12 0.36 0.00	17.88 0.33 0.00	18.50 0.28 0.00	20.83 0.51 0.00	25.41 0.68 0.00	25.48 0.66 0.00	23.90 0.58 0.00	24.19 0.42 -1.54	31.68 0.17 -14.61	24.11 0.25 -6.34	27.71 0.30 -6.95	35.84 0.40 -7.64	41.41 0.58 -3.11	45.73 0.65 -15.20	34.60 0.88 1.65	35.52 0.98 -0.95	40.08 1.17 -1.39	37.36 1.11 -3.17	25.64 0.61 -3.01	24.46 0.70 -0.40	24.28 0.54 0.00
V_XM_10_SYNC_DSASP 323789	19.46 -0.34 0.00	19.07 -0.37 0.00	18.24 -0.23 0.00	17.70 -0.06 0.00	17.60 0.05 0.00	18.43 0.22 0.00	20.85 0.54 0.00	25.58 0.86 0.00	25.57 0.75 0.00	23.95 0.63 0.00	22.82 0.59 0.00	17.37 0.47 0.00	18.01 0.49 0.00	21.05 0.61 0.00	28.59 0.78 0.00	38.83 1.11 0.00	30.69 0.81 0.00	36.18 0.80 0.00	33.91 0.32 0.00	38.15 0.64 0.00	33.40 0.33 0.00	22.02 0.00 0.00	23.09 -0.28 0.00	23.25 -0.50 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.70 0.90 0.00	20.24 0.80 0.00	19.19 0.71 0.00	18.44 0.68 0.00	18.18 0.63 0.00	18.94 0.73 0.00	21.45 1.14 0.00	26.20 1.47 0.00	26.41 1.58 0.00	24.85 1.54 0.00	18.38 1.56 5.41	-12.69 1.26 30.85	43.26 1.33 -24.41	50.73 1.58 -28.70	59.19 2.09 -29.30	50.50 2.85 -9.93	122.54 2.49 -90.17	67.77 2.91 -29.48	39.78 2.81 -3.38	44.98 3.03 -4.43	26.71 2.47 8.84	33.30 1.67 -9.61	25.29 1.80 -0.12	25.30 1.56 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.94 1.14 0.00	20.46 1.02 0.00	19.39 0.91 0.00	18.63 0.87 0.00	18.37 0.82 0.00	19.15 0.94 0.00	21.72 1.41 0.00	26.54 1.82 0.00	26.78 1.96 0.00	25.24 1.92 0.00	28.20 1.94 -4.04	60.92 1.52 -42.50	38.72 1.57 -19.63	45.48 1.82 -23.22	54.38 2.47 -24.11	49.09 3.34 -8.03	115.52 2.90 -82.74	70.84 3.28 -32.18	39.54 3.14 -2.81	44.52 3.42 -3.59	45.35 2.84 -9.44	31.75 1.96 -7.77	26.62 2.15 -1.10	25.63 1.89 0.00
W50THST__13_KV_LOAD 356117	21.07 1.27 0.00	20.59 1.15 0.00	19.51 1.03 0.00	18.74 0.98 0.00	18.47 0.92 0.00	19.27 1.06 0.00	21.87 1.56 0.00	26.76 2.03 0.00	27.02 2.19 0.00	25.47 2.15 0.00	28.44 2.17 -4.04	61.10 1.70 -42.50	38.89 1.74 -19.63	45.67 2.01 -23.22	54.62 2.71 -24.11	49.40 3.66 -8.03	115.78 3.16 -82.74	71.14 3.58 -32.18	39.83 3.43 -2.81	44.82 3.72 -3.59	45.58 3.06 -9.44	31.90 2.11 -7.77	26.80 2.34 -1.10	25.80 2.06 0.00
WADING RIVER_IC_1 23522	23.26 1.63 -1.84	20.81 1.37 0.00	19.71 1.24 0.00	18.91 1.15 0.00	18.66 1.11 0.00	19.56 1.34 0.00	22.27 1.96 0.00	27.16 2.43 0.00	27.31 2.48 0.00	25.70 2.38 0.00	28.67 2.39 -4.05	61.12 1.88 -42.34	39.08 1.88 -19.68	45.68 1.97 -23.27	54.78 2.73 -24.25	51.66 3.86 -10.09	115.77 3.08 -82.81	73.16 3.92 -33.86	47.24 3.98 -9.68	143.30 4.27 -101.51	157.06 3.88 -120.10	45.45 2.60 -20.83	28.91 2.79 -2.75	30.21 2.62 -3.85
WADING RIVER_IC_2 23547	23.26 1.63 -1.84	20.81 1.37 0.00	19.71 1.24 0.00	18.91 1.15 0.00	18.66 1.11 0.00	19.56 1.34 0.00	22.27 1.96 0.00	27.16 2.43 0.00	27.31 2.48 0.00	25.70 2.38 0.00	28.67 2.39 -4.05	61.12 1.88 -42.34	39.08 1.88 -19.68	45.68 1.97 -23.27	54.78 2.73 -24.25	51.66 3.86 -10.09	115.77 3.08 -82.81	73.16 3.92 -33.86	47.24 3.98 -9.68	143.30 4.27 -101.51	157.06 3.88 -120.10	45.45 2.60 -20.83	28.91 2.79 -2.75	30.21 2.62 -3.85
WADING RIVER_IC_3 23601	23.26 1.63 -1.84	20.81 1.37 0.00	19.71 1.24 0.00	18.91 1.15 0.00	18.66 1.11 0.00	19.56 1.34 0.00	22.27 1.96 0.00	27.16 2.43 0.00	27.31 2.48 0.00	25.70 2.38 0.00	28.67 2.39 -4.05	61.12 1.88 -42.34	39.08 1.88 -19.68	45.68 1.97 -23.27	54.78 2.73 -24.25	51.66 3.86 -10.09	115.77 3.08 -82.81	73.16 3.92 -33.86	47.24 3.98 -9.68	143.30 4.27 -101.51	157.06 3.88 -120.10	45.45 2.60 -20.83	28.91 2.79 -2.75	30.21 2.62 -3.85
WALDENNY_12_KV_BK2 80841	20.31 0.52 0.00	19.94 0.51 0.00	18.71 0.23 0.00	17.57 -0.19 0.00	17.39 -0.16 0.00	18.33 0.11 0.00	20.25 -0.07 0.00	24.42 -0.30 0.00	25.02 0.19 0.00	23.77 0.45 0.00	22.91 0.69 0.00	17.60 0.70 0.00	18.18 0.67 0.00	21.37 0.92 0.00	29.18 1.38 0.00	39.40 1.68 0.00	32.10 2.22 0.00	37.83 2.45 0.00	35.78 2.20 0.00	38.90 1.39 0.00	32.69 -0.38 0.00	21.97 -0.05 0.00	23.47 0.10 0.00	24.00 0.25 0.00
WALDEN__HYDRO 24148	20.78 0.99 0.00	20.31 0.88 0.00	19.27 0.79 0.00	18.50 0.74 0.00	18.24 0.69 0.00	19.00 0.78 0.00	21.58 1.27 0.00	26.36 1.64 0.00	26.55 1.72 0.00	24.95 1.63 0.00	22.35 1.56 1.44	13.41 1.18 4.66	33.01 1.22 -14.27	48.54 1.46 -26.63	57.53 2.03 -27.70	49.94 2.85 -9.38	117.87 2.57 -85.42	66.66 3.17 -28.12	39.96 3.17 -3.20	45.21 3.51 -4.19	34.74 2.86 1.20	32.97 1.88 -9.08	25.91 2.00 -0.54	25.39 1.65 0.00
WARRENSBURG____ 23737	20.58 0.79 0.00	20.15 0.71 0.00	19.18 0.71 0.00	18.44 0.67 0.00	18.22 0.67 0.00	18.97 0.75 0.00	21.49 1.18 0.00	26.22 1.49 0.00	26.24 1.41 0.00	24.55 1.23 0.00	24.73 1.00 -1.50	31.84 0.65 -14.29	24.22 0.61 -6.09	27.83 0.73 -6.65	36.15 1.02 -7.33	42.16 1.44 -3.01	45.97 1.46 -14.62	35.71 1.99 1.66	36.77 2.26 -0.92	41.50 2.64 -1.35	38.60 2.41 -3.11	26.33 1.40 -2.91	25.27 1.52 -0.39	25.03 1.29 0.00
WATERSIDE____6 8 9 23538	20.95 1.15 0.00	20.49 1.05 0.00	19.41 0.94 0.00	18.66 0.90 0.00	18.39 0.84 0.00	19.19 0.97 0.00	21.75 1.44 0.00	26.57 1.84 0.00	26.81 1.98 0.00	25.22 1.90 0.00	30.67 1.94 -6.51	62.31 1.51 -43.91	40.35 1.57 -21.27	45.47 1.82 -23.21	54.34 2.43 -24.11	49.02 3.27 -8.03	115.41 2.79 -82.74	70.78 3.22 -32.18	39.53 3.13 -2.81	44.50 3.40 -3.59	45.35 2.83 -9.44	31.80 2.01 -7.77	26.67 2.20 -1.10	25.67 1.93 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.00 0.20 0.00	19.64 0.20 0.00	18.69 0.21 0.00	17.97 0.20 0.00	17.74 0.19 0.00	18.38 0.16 0.00	20.54 0.23 0.00	25.07 0.34 0.00	25.11 0.28 0.00	23.48 0.16 0.00	22.27 0.04 0.00	16.84 -0.05 0.00	17.45 -0.07 0.00	20.36 -0.09 0.00	27.72 -0.08 0.00	37.63 -0.08 0.00	29.96 0.08 0.00	35.74 0.37 0.00	34.06 0.47 0.00	38.06 0.55 0.00	33.58 0.50 0.00	22.35 0.33 0.00	23.70 0.33 0.00	23.96 0.22 0.00
WATSON__69_KV_BK 1 55734	22.16 1.72 -0.64	20.97 1.54 0.00	19.87 1.39 0.00	19.06 1.29 0.00	18.79 1.24 0.00	19.69 1.48 0.00	22.42 2.11 0.00	27.33 2.61 0.00	27.49 2.66 0.00	25.90 2.58 0.00	28.87 2.59 -4.05	61.29 2.06 -42.34	39.27 2.07 -19.68	45.91 2.19 -23.27	55.07 3.02 -24.25	52.06 4.26 -10.09	116.26 3.57 -82.81	73.65 4.42 -33.86	47.54 4.28 -9.68	143.57 4.54 -101.51	157.21 4.03 -120.10	46.07 2.75 -21.31	29.03 2.92 -2.75	30.33 2.74 -3.85
WDELAWARE__HYD 323627	20.61 0.82 0.00	20.14 0.70 0.00	19.11 0.63 0.00	18.39 0.63 0.00	18.14 0.59 0.00	18.89 0.67 0.00	21.55 1.24 0.00	26.42 1.70 0.00	26.65 1.82 0.00	25.00 1.68 0.00	22.86 1.60 0.96	1.51 1.27 16.66	-0.61 1.31 19.45	29.59 1.56 -7.58	36.69 2.04 -6.84	42.75 2.89 -2.14	64.33 2.62 -31.84	55.36 3.25 -16.73	37.62 3.21 -0.83	42.13 3.66 -0.96	34.38 2.93 1.63	26.04 1.95 -2.07	25.42 2.01 -0.04	25.28 1.54 0.00



WEST BABYLON___IC 23714	21.56 1.61 -0.15	20.86 1.42 0.00	19.75 1.28 0.00	18.95 1.19 0.00	18.69 1.14 0.00	19.58 1.37 0.00	22.28 1.97 0.00	27.14 2.42 0.00	27.31 2.48 0.00	25.74 2.42 0.00	28.72 2.44 -4.05	61.17 1.94 -42.34	39.13 1.94 -19.68	45.79 2.08 -23.27	54.94 2.88 -24.25	51.86 4.06 -10.09	116.10 3.41 -82.81	73.41 4.18 -33.86	47.35 4.09 -9.68	143.44 4.41 -101.51	157.06 3.89 -120.10	47.01 2.66 -22.33	28.96 2.85 -2.75	30.24 2.65 -3.85
WEST CANADA___HYD 24049	19.87 0.08 0.00	19.51 0.07 0.00	18.55 0.08 0.00	17.84 0.08 0.00	17.61 0.05 0.00	18.27 0.05 0.00	20.39 0.08 0.00	24.82 0.10 0.00	24.92 0.09 0.00	23.39 0.07 0.00	22.28 0.05 0.00	16.92 0.03 0.00	17.55 0.03 0.00	20.49 0.04 0.00	27.86 0.05 0.00	37.79 0.08 0.00	30.01 0.13 0.00	35.58 0.21 0.00	33.83 0.25 0.00	37.74 0.22 0.00	33.19 0.11 0.00	22.09 0.08 0.00	23.45 0.08 0.00	23.80 0.06 0.00
WESTERN_NY_WIND 24143	20.35 0.55 0.00	19.98 0.54 0.00	18.76 0.28 0.00	17.66 -0.10 0.00	17.48 -0.07 0.00	18.37 0.15 0.00	20.35 0.04 0.00	24.55 -0.17 0.00	25.03 0.20 0.00	23.69 0.36 0.00	22.71 0.49 0.00	17.47 0.58 0.00	18.12 0.61 0.00	21.26 0.82 0.00	28.92 1.12 0.00	39.10 1.39 0.00	31.76 1.89 0.00	37.84 2.47 0.00	36.03 2.45 0.00	39.30 1.79 0.00	33.19 0.11 0.00	22.22 0.20 0.00	23.67 0.30 0.00	24.24 0.50 0.00
WESTOVER___LESR 323668	20.29 0.49 0.00	19.88 0.44 0.00	18.84 0.36 0.00	18.04 0.28 0.00	17.80 0.25 0.00	18.54 0.32 0.00	20.76 0.44 0.00	25.27 0.55 0.00	25.42 0.59 0.00	23.91 0.59 0.00	22.83 0.61 0.00	17.39 0.49 0.00	18.00 0.48 0.00	21.04 0.60 0.00	28.72 0.92 0.00	38.90 1.19 0.00	32.01 1.28 -0.85	37.56 1.47 -0.71	34.96 1.37 -0.01	38.81 1.29 0.00	33.75 0.68 0.00	22.52 0.50 0.00	23.96 0.60 0.00	24.32 0.57 0.00
WETHRSFD_WT_PWR 323626	20.19 0.40 0.00	19.80 0.36 0.00	18.61 0.13 0.00	17.56 -0.20 0.00	17.36 -0.19 0.00	18.27 0.05 0.00	20.26 -0.05 0.00	24.52 -0.20 0.00	24.96 0.14 0.00	23.69 0.37 0.00	22.75 0.53 0.00	17.41 0.52 0.00	17.97 0.45 0.00	21.07 0.63 0.00	28.78 0.97 0.00	38.84 1.13 0.00	31.52 1.64 0.00	37.16 1.78 0.00	35.13 1.55 0.00	38.24 0.73 0.00	32.19 -0.89 0.00	21.61 -0.41 0.00	23.14 -0.23 0.00	23.64 -0.10 0.00
WHAVSTOR_138KV_BK127 55557	20.60 0.80 0.00	20.14 0.71 0.00	19.11 0.63 0.00	18.36 0.60 0.00	18.11 0.56 0.00	18.86 0.64 0.00	21.34 1.04 0.00	26.07 1.34 0.00	26.27 1.44 0.00	24.73 1.41 0.00	18.20 1.42 5.44	-13.41 1.14 31.44	42.77 1.19 -24.06	50.15 1.41 -28.29	58.75 1.90 -29.04	50.14 2.59 -9.84	121.88 2.27 -89.73	67.55 2.65 -29.53	39.51 2.57 -3.35	44.68 2.77 -4.39	26.43 2.27 8.92	33.08 1.54 -9.52	25.15 1.68 -0.11	25.18 1.44 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.60 0.80 0.00	20.14 0.71 0.00	19.11 0.63 0.00	18.36 0.60 0.00	18.11 0.56 0.00	18.86 0.64 0.00	21.34 1.04 0.00	26.07 1.34 0.00	26.27 1.44 0.00	24.73 1.41 0.00	18.20 1.42 5.44	-13.41 1.14 31.44	42.77 1.19 -24.06	50.15 1.41 -28.29	58.75 1.90 -29.04	50.14 2.59 -9.84	121.88 2.27 -89.73	67.55 2.65 -29.53	39.51 2.57 -3.35	44.68 2.77 -4.39	26.43 2.27 8.92	33.08 1.54 -9.52	25.15 1.68 -0.11	25.18 1.44 0.00
WHITEHAL_115KV_TB1 80871	20.93 1.14 0.00	20.41 0.97 0.00	19.46 0.98 0.00	18.71 0.94 0.00	18.55 1.00 0.00	19.48 1.27 0.00	22.29 1.98 0.00	27.16 2.43 0.00	27.00 2.17 0.00	25.05 1.73 0.00	25.08 1.35 -1.51	32.13 0.91 -14.33	24.54 0.93 -6.09	28.18 1.08 -6.65	36.77 1.63 -7.33	42.97 2.24 -3.02	47.27 2.64 -14.74	37.33 3.55 1.60	38.04 3.53 -0.93	43.22 4.35 -1.35	39.81 3.61 -3.12	26.97 2.03 -2.92	26.06 2.31 -0.39	25.65 1.91 0.00
WHITEPLN_13_KV_LOAD 356215	20.93 1.13 0.00	20.46 1.02 0.00	19.40 0.92 0.00	18.64 0.88 0.00	18.38 0.83 0.00	19.14 0.92 0.00	21.65 1.33 0.00	26.43 1.71 0.00	26.65 1.83 0.00	25.10 1.78 0.00	28.14 1.77 -4.14	61.44 1.40 -43.15	38.88 1.45 -19.91	45.68 1.70 -23.53	54.58 2.33 -24.45	49.06 3.19 -8.16	115.81 2.77 -83.16	70.56 3.22 -31.96	39.52 3.09 -2.85	44.55 3.39 -3.64	45.55 2.81 -9.66	31.81 1.90 -7.90	26.54 2.05 -1.12	25.54 1.80 0.00
WM_FLOYD_69_KV_BK2 356380	23.23 1.62 -1.81	20.84 1.40 0.00	19.73 1.26 0.00	18.93 1.17 0.00	18.68 1.13 0.00	19.60 1.38 0.00	22.28 1.97 0.00	27.17 2.45 0.00	27.32 2.49 0.00	25.71 2.39 0.00	28.66 2.39 -4.05	61.11 1.87 -42.34	39.06 1.87 -19.68	45.68 1.96 -23.27	54.78 2.72 -24.25	51.67 3.87 -10.09	115.86 3.17 -82.81	73.26 4.03 -33.86	47.34 4.08 -9.68	143.42 4.39 -101.51	157.11 3.93 -120.10	45.49 2.63 -20.85	28.92 2.81 -2.75	30.22 2.63 -3.85
WOODARD___115KV_TB2 355635	19.87 0.08 0.00	19.49 0.06 0.00	18.49 0.02 0.00	17.72 -0.04 0.00	17.50 -0.05 0.00	18.18 -0.04 0.00	20.22 -0.09 0.00	24.57 -0.16 0.00	24.66 -0.17 0.00	23.15 -0.17 0.00	22.12 -0.11 0.00	16.88 -0.02 0.00	17.49 -0.03 0.00	20.38 -0.06 0.00	27.76 -0.04 0.00	37.66 -0.05 0.00	30.07 0.19 0.00	35.69 0.31 0.00	33.93 0.35 0.00	37.67 0.15 0.00	32.88 -0.20 0.00	21.89 -0.13 0.00	23.27 -0.09 0.00	23.75 0.01 0.00
YORK___WARBASSE 23770	21.00 1.21 0.00	20.55 1.12 0.00	19.47 0.99 0.00	18.72 0.95 0.00	18.45 0.90 0.00	19.25 1.03 0.00	21.82 1.52 0.00	26.65 1.93 0.00	26.88 2.05 0.00	25.31 1.99 0.00	30.73 2.00 -6.51	62.37 1.57 -43.91	40.42 1.64 -21.27	45.55 1.89 -23.21	54.45 2.53 -24.11	49.22 3.47 -8.03	115.58 2.96 -82.74	70.98 3.41 -32.18	39.68 3.28 -2.81	44.66 3.56 -3.59	45.44 2.93 -9.44	31.89 2.10 -7.77	26.76 2.30 -1.10	25.76 2.01 0.00