

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/26/2025

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	23.35	19.63	25.63	24.36	21.56	20.31	17.69	12.56	13.47	14.22	15.01	11.02	14.24	18.45	19.83	23.57	24.03	21.74	34.37	69.66	190.27	40.53	30.44	21.10
24138	0.93	0.72	0.79	0.88	0.82	0.72	0.68	0.55	0.64	0.79	0.88	0.68	0.89	1.24	1.50	1.93	1.83	1.47	1.95	3.49	9.00	1.96	1.42	1.00
	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	0.22	1.98	5.35	4.97	0.56	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	23.40	19.67	25.70	24.43	21.62	20.36	17.74	12.59	13.50	14.26	15.03	11.03	14.25	18.46	19.87	23.62	24.10	21.78	34.42	69.81	190.45	40.56	30.46	21.13
24260	0.97	0.76	0.86	0.95	0.88	0.77	0.73	0.57	0.67	0.82	0.90	0.69	0.90	1.25	1.54	1.97	1.90	1.50	2.00	3.64	9.18	1.98	1.44	1.03
	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	0.22	1.98	5.35	4.97	0.56	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	23.40	19.67	25.70	24.43	21.62	20.36	17.74	12.59	13.50	14.26	15.03	11.03	14.25	18.46	19.87	23.62	24.10	21.78	34.42	69.81	190.45	40.56	30.46	21.13
24261	0.97	0.76	0.86	0.95	0.88	0.77	0.73	0.57	0.67	0.82	0.90	0.69	0.90	1.25	1.54	1.97	1.90	1.50	2.00	3.64	9.18	1.98	1.44	1.03
	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	0.22	1.98	5.35	4.97	0.56	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	23.12	19.56	25.61	24.18	21.33	20.15	17.41	12.32	13.02	13.57	14.18	10.45	13.51	17.47	19.27	23.91	24.39	21.05	33.54	68.85	187.62	39.84	29.78	20.66
24011	0.69	0.65	0.77	0.70	0.59	0.57	0.40	0.30	0.20	0.13	0.05	0.11	0.15	0.19	0.30	0.55	0.60	0.60	1.12	2.68	6.35	1.27	0.75	0.56
	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	0.15	1.35	3.64	3.38	0.38	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23.19	19.65	25.71	24.24	21.38	20.20	17.45	12.36	13.04	13.58	14.19	10.47	13.54	17.48	19.31	23.96	24.46	21.15	33.70	69.30	188.55	40.01	29.86	20.71
23798	0.76	0.74	0.87	0.76	0.64	0.61	0.44	0.34	0.21	0.14	0.07	0.14	0.19	0.20	0.34	0.60	0.67	0.69	1.28	3.14	7.28	1.44	0.83	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	1.35	3.64	3.38	0.38	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	23.12	19.56	25.61	24.18	21.33	20.15	17.41	12.32	13.02	13.57	14.18	10.45	13.51	17.47	19.27	23.91	24.39	21.05	33.54	68.85	187.62	39.84	29.78	20.66
24028	0.69	0.65	0.77	0.70	0.59	0.57	0.40	0.30	0.20	0.13	0.05	0.11	0.15	0.19	0.30	0.55	0.60	0.60	1.12	2.68	6.35	1.27	0.75	0.56
	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	0.15	1.35	3.64	3.38	0.38	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	22.90	19.41	25.38	23.96	21.14	19.97	17.29	12.25	13.00	13.52	14.10	10.40	13.52	17.49	19.23	23.51	23.79	20.70	33.02	67.58	183.84	39.12	29.42	20.49
23527	0.47	0.49	0.54	0.48	0.40	0.38	0.28	0.24	0.17	0.09	-0.03	0.06	0.17	0.20	0.29	0.22	0.06	0.25	0.60	1.41	2.57	0.55	0.39	0.38
	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	0.15	1.37	3.70	3.44	0.39	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	22.31	18.85	24.68	23.36	20.65	19.47	16.87	11.94	12.71	13.26	13.94	10.25	13.27	17.20	18.84	23.07	23.50	20.39	32.23	65.71	179.43	38.19	28.74	20.01
24190	-0.11	-0.06	-0.15	-0.12	-0.09	-0.12	-0.15	-0.08	-0.11	-0.17	-0.19	-0.09	-0.08	-0.07	-0.07	-0.15	-0.17	-0.05	-0.19	-0.46	-1.84	-0.39	-0.28	-0.09
	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	0.16	1.40	3.77	3.50	0.40	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	22.64	19.08	25.08	23.56	20.80	19.69	17.17	12.13	12.96	13.57	14.28	10.46	13.49	17.36	18.84	23.00	23.49	20.37	32.36	65.95	180.64	38.37	29.06	20.03
355683	0.22	0.16	0.24	0.08	0.06	0.10	0.16	0.12	0.14	0.13	0.15	0.13	0.14	0.09	0.01	0.02	0.05	-0.05	-0.06	-0.22	-0.63	-0.20	0.03	-0.07
	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	0.16	1.49	4.01	3.73	0.42	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	22.79	19.23	25.22	23.86	21.08	19.89	17.21	12.13	12.89	13.46	14.14	10.36	13.42	17.37	18.99	23.23	23.76	20.69	32.84	67.13	183.40	39.01	29.34	20.40
323833	0.36	0.32	0.38	0.38	0.34	0.31	0.20	0.11	0.07	0.02	0.01	0.02	0.07	0.10	0.13	0.13	0.22	0.26	0.43	0.96	2.13	0.43	0.32	0.30
	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	0.16	1.45	3.90	3.62	0.41	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	22.79	19.23	25.21	23.85	21.08	19.89	17.21	12.12	12.89	13.46	14.14	10.36	13.42	17.37	18.99	23.22	23.76	20.68	32.83	67.11	183.37	39.01	29.34	20.39
323834	0.36	0.31	0.37	0.37	0.34	0.30	0.19	0.11	0.07	0.02	0.01	0.02	0.07	0.10	0.12	0.13	0.22	0.26	0.41	0.95	2.10	0.43	0.31	0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	1.45	3.90	3.62	0.41	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	22.31	18.85	24.68	23.36	20.65	19.47	16.87	11.94	12.71	13.26	13.94	10.25	13.27	17.20	18.84	23.07	23.50	20.39	32.23	65.71	179.43	38.19	28.74	20.01
23571	-0.11	-0.06	-0.15	-0.12	-0.09	-0.12	-0.15	-0.08	-0.11	-0.17	-0.19	-0.09	-0.08	-0.07	-0.07	-0.15	-0.17	-0.05	-0.19	-0.46	-1.84	-0.39	-0.28	-0.09
	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	0.16	1.40	3.77	3.50	0.40	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	22.31 -0.11 0.00	18.85 -0.06 0.00	24.68 -0.15 0.00	23.36 -0.12 0.00	20.65 -0.09 0.00	19.47 -0.12 0.00	16.87 -0.15 0.00	11.94 -0.08 0.00	12.71 -0.11 0.00	13.26 -0.17 0.00	13.94 -0.19 0.00	10.25 -0.09 0.00	13.27 -0.08 0.00	17.20 -0.07 0.16	18.84 -0.07 1.40	23.07 -0.15 3.77	23.50 -0.17 3.50	20.39 -0.05 0.40	32.23 -0.19 0.00	65.71 -0.46 0.00	179.43 -1.84 0.00	38.19 -0.39 0.00	28.74 -0.28 0.00	20.01 -0.09 0.00
ALBANY___3 23573	22.31 -0.11 0.00	18.85 -0.06 0.00	24.68 -0.15 0.00	23.36 -0.12 0.00	20.65 -0.09 0.00	19.47 -0.12 0.00	16.87 -0.15 0.00	11.94 -0.08 0.00	12.71 -0.11 0.00	13.26 -0.17 0.00	13.94 -0.19 0.00	10.25 -0.09 0.00	13.27 -0.08 0.00	17.20 -0.07 0.16	18.84 -0.07 1.40	23.07 -0.15 3.77	23.50 -0.17 3.50	20.39 -0.05 0.40	32.23 -0.19 0.00	65.71 -0.46 0.00	179.43 -1.84 0.00	38.19 -0.39 0.00	28.74 -0.28 0.00	20.01 -0.09 0.00
ALBANY___4 23574	22.31 -0.11 0.00	18.85 -0.06 0.00	24.68 -0.15 0.00	23.36 -0.12 0.00	20.65 -0.09 0.00	19.47 -0.12 0.00	16.87 -0.15 0.00	11.94 -0.08 0.00	12.71 -0.11 0.00	13.26 -0.17 0.00	13.94 -0.19 0.00	10.25 -0.09 0.00	13.27 -0.08 0.00	17.20 -0.07 0.16	18.84 -0.07 1.40	23.07 -0.15 3.77	23.50 -0.17 3.50	20.39 -0.05 0.40	32.23 -0.19 0.00	65.71 -0.46 0.00	179.43 -1.84 0.00	38.19 -0.39 0.00	28.74 -0.28 0.00	20.01 -0.09 0.00
ALBANY___LFGE 323615	22.51 0.08 0.00	19.01 0.10 0.00	24.89 0.05 0.00	23.55 0.07 0.00	20.81 0.07 0.00	19.63 0.04 0.00	17.00 -0.01 0.00	12.04 0.02 0.00	12.81 -0.01 0.00	13.37 -0.07 0.00	14.05 -0.08 0.00	10.32 -0.02 0.00	13.37 0.02 0.00	17.33 0.05 0.15	19.01 0.08 1.39	23.33 0.08 3.74	23.77 0.07 3.48	20.56 0.12 0.40	32.55 0.13 0.00	66.39 0.22 0.00	181.24 -0.03 0.00	38.57 -0.01 0.00	29.01 -0.01 0.00	20.17 0.08 0.00
ALCOA_PA_115KV_PL-6C 55860	22.67 0.25 0.00	19.10 0.19 0.00	25.20 0.36 0.00	23.68 0.20 0.00	20.91 0.16 0.00	19.78 0.20 0.00	17.25 0.24 0.00	12.19 0.17 0.00	13.01 0.19 0.00	13.62 0.18 0.00	14.17 0.04 0.00	10.48 0.14 0.00	13.53 0.18 0.00	17.36 0.13 0.20	18.54 0.05 1.83	22.14 0.08 4.93	22.70 0.12 4.58	20.32 0.00 0.52	32.46 0.04 0.00	66.17 0.00 0.00	181.15 -0.12 0.00	38.76 0.19 0.00	29.23 0.20 0.00	20.12 0.02 0.00
ALCOA_RYNLDS___DRP 24188	22.67 0.25 0.00	19.10 0.19 0.00	25.20 0.36 0.00	23.68 0.20 0.00	20.91 0.16 0.00	19.78 0.20 0.00	17.25 0.24 0.00	12.19 0.17 0.00	13.01 0.19 0.00	13.62 0.18 0.00	14.17 0.04 0.00	10.48 0.14 0.00	13.53 0.18 0.00	17.36 0.13 0.20	18.54 0.05 1.83	22.14 0.08 4.93	22.70 0.12 4.58	20.32 0.00 0.52	32.46 0.04 0.00	66.17 0.00 0.00	181.15 -0.12 0.00	38.76 0.19 0.00	29.23 0.20 0.00	20.12 0.02 0.00
ALCOA___DSASP 323711	22.67 0.25 0.00	19.10 0.19 0.00	25.21 0.37 0.00	23.68 0.20 0.00	20.91 0.17 0.00	19.78 0.20 0.00	17.25 0.24 0.00	12.19 0.17 0.00	13.01 0.19 0.00	13.62 0.18 0.00	14.17 0.04 0.00	10.48 0.14 0.00	13.53 0.18 0.00	17.36 0.14 0.20	18.54 0.05 1.83	22.14 0.08 4.93	22.70 0.12 4.58	20.32 0.00 0.52	32.46 0.04 0.00	66.17 0.00 0.00	181.15 -0.12 0.00	38.76 0.19 0.00	29.23 0.20 0.00	20.12 0.02 0.00
ALLEGHENY___COGEN 23514	22.18 -0.25 0.00	18.74 -0.17 0.00	24.68 -0.16 0.00	23.26 -0.22 0.00	20.56 -0.18 0.00	19.58 0.00 0.00	16.98 -0.04 0.00	11.67 -0.35 0.00	12.32 -0.51 0.00	12.92 -0.51 0.00	13.79 -0.34 0.00	9.86 -0.47 0.00	12.70 -0.65 0.00	15.33 -0.94 1.15	9.00 -0.92 10.39	-2.08 -1.05 28.02	0.08 -1.06 26.02	16.85 -1.03 2.97	31.16 -1.25 0.00	64.98 -1.19 0.00	182.25 0.97 0.00	38.60 0.03 0.00	29.05 0.02 0.00	20.20 0.09 0.00
ALTAMONT_115KV_TB 2 55880	22.58 0.16 0.00	19.06 0.15 0.00	24.99 0.15 0.00	23.66 0.18 0.00	20.90 0.16 0.00	19.71 0.13 0.00	17.08 0.07 0.00	12.08 0.07 0.00	12.87 0.05 0.00	13.46 0.03 0.00	14.14 0.01 0.00	10.38 0.04 0.00	13.42 0.07 0.00	17.40 0.12 0.16	19.07 0.16 1.40	23.41 0.18 3.77	23.85 0.18 3.50	20.63 0.19 0.40	32.66 0.25 0.00	66.65 0.48 0.00	182.22 0.95 0.00	38.78 0.21 0.00	29.17 0.14 0.00	20.26 0.16 0.00
ALTONA_WT_PWR 323606	22.68 0.25 0.00	19.16 0.24 0.00	25.14 0.30 0.00	23.63 0.16 0.00	20.89 0.15 0.00	19.76 0.18 0.00	17.24 0.23 0.00	12.23 0.21 0.00	13.05 0.22 0.00	13.66 0.23 0.00	14.39 0.26 0.00	10.57 0.23 0.00	13.62 0.27 0.00	17.53 0.26 0.16	19.09 0.21 1.44	23.34 0.22 3.87	23.76 0.19 3.60	20.48 0.05 0.41	32.48 0.06 0.00	66.32 0.15 0.00	182.33 1.06 0.00	38.96 0.38 0.00	29.31 0.28 0.00	20.10 0.00 0.00
AMERICAN_REF_FUEL 24010	20.50 -1.70 0.23	17.13 -1.39 0.38	22.89 -1.73 0.22	21.59 -1.75 0.14	19.01 -1.54 0.19	17.78 -1.31 0.50	15.92 -1.04 0.05	11.06 -0.91 0.05	11.91 -0.88 0.03	12.57 -0.87 0.00	13.55 -0.58 0.00	9.52 -0.82 0.00	12.22 -1.13 0.00	14.73 -1.64 1.06	9.32 -1.45 9.54	-0.38 -1.63 25.74	1.58 -1.67 23.91	16.17 -1.95 2.73	29.37 -2.91 0.14	59.98 -5.61 0.58	166.81 -13.93 0.52	34.84 -3.25 0.48	26.79 -2.24 0.00	18.81 -1.29 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.34 -0.78 0.31	17.76 -0.64 0.51	23.91 -0.64 0.29	22.56 -0.73 0.19	19.87 -0.62 0.25	18.45 -0.47 0.66	16.54 -0.40 0.06	11.54 -0.42 0.06	12.45 -0.33 0.04	13.12 -0.32 0.00	14.10 -0.03 0.00	9.99 -0.35 0.00	12.83 -0.52 0.00	15.52 -0.82 1.09	9.73 -0.76 9.81	-0.29 -0.81 26.47	1.63 -0.95 24.58	16.96 -1.08 2.80	30.81 -1.42 0.19	62.94 -2.46 0.78	175.35 -5.22 0.70	36.33 -1.60 0.64	27.86 -1.16 0.00	19.56 -0.54 0.00
ARTHUR KILL_GT_1 23520	23.45 1.03 0.00	19.72 0.81 0.00	25.88 1.04 0.00	24.66 1.18 0.00	21.82 1.08 0.00	20.52 0.94 0.00	17.88 0.86 -0.01	12.67 0.64 -0.01	13.58 0.75 -0.01	14.32 0.88 -0.01	15.06 0.93 -0.01	10.99 0.65 0.00	14.17 0.82 0.00	18.37 1.16 0.22	19.78 1.46 1.98	23.45 1.80 5.35	23.97 1.77 4.97	21.70 1.42 0.56	34.28 1.86 0.00	69.55 3.38 0.00	190.19 8.92 0.00	40.55 1.98 0.00	30.51 1.48 0.00	21.17 1.07 0.00
ARTHUR_KILL_2 23512	23.40 0.97 0.00	19.68 0.76 0.00	25.82 0.98 0.00	24.61 1.13 0.00	21.77 1.03 0.00	20.48 0.89 0.00	17.83 0.81 -0.01	12.64 0.62 -0.01	13.55 0.72 -0.01	14.29 0.85 -0.01	15.04 0.90 -0.01	10.97 0.63 0.00	14.15 0.80 0.00	18.34 1.13 0.22	19.75 1.42 1.98	23.42 1.77 5.35	23.93 1.73 4.97	21.65 1.38 0.56	34.18 1.76 0.00	69.36 3.19 0.00	189.63 8.36 0.00	40.44 1.86 0.00	30.43 1.40 0.00	21.12 1.01 0.00
ARTHUR_KILL_3 23513	23.12 0.70 0.00	19.45 0.54 0.00	25.31 0.55 0.09	24.15 0.68 0.00	21.38 0.64 0.00	20.11 0.53 0.00	17.52 0.51 0.00	12.44 0.42 0.00	13.34 0.51 0.00	14.10 0.66 0.00	14.86 0.73 0.00	10.92 0.58 0.00	14.10 0.74 0.00	18.26 1.05 0.22	19.62 1.29 1.98	23.28 1.63 5.35	23.73 1.53 4.97	21.50 1.22 0.56	33.97 1.55 0.00	68.81 2.67 0.03	62.07 6.84 126.04	40.03 1.55 0.09	30.14 1.12 0.00	20.90 0.80 0.00

ARTHUR_KILL_COGEN 323718	23.45 1.03 0.00	19.72 0.81 0.00	25.88 1.04 0.00	24.66 1.18 0.00	21.81 1.08 0.00	20.52 0.93 0.00	17.87 0.86 -0.01	12.67 0.64 -0.01	13.58 0.74 -0.01	14.32 0.88 -0.01	15.06 0.93 -0.01	10.99 0.66 0.00	14.17 0.82 0.00	18.37 1.16 0.22	19.80 1.47 1.98	23.47 1.82 5.35	23.99 1.79 4.97	21.70 1.42 0.56	34.26 1.85 0.00	69.55 3.37 0.00	190.17 8.90 0.00	40.55 1.97 0.00	30.51 1.48 0.00	21.17 1.07 0.00
ASHOKAN____ 23654	23.44 1.01 0.00	19.71 0.80 0.00	25.80 0.96 0.00	24.47 1.00 0.00	21.63 0.89 0.00	20.40 0.81 0.00	17.73 0.71 0.00	12.54 0.52 0.00	13.37 0.54 0.00	14.04 0.61 0.00	14.77 0.64 0.00	10.86 0.52 0.00	14.03 0.68 0.00	18.26 1.01 0.19	19.84 1.21 1.67	24.08 1.59 4.51	24.42 1.45 4.19	21.61 1.24 0.48	34.46 2.05 0.00	70.10 3.93 0.00	191.65 10.38 0.00	40.71 2.14 0.00	30.53 1.51 0.00	21.12 1.02 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.26 0.83 0.00	19.55 0.64 0.00	25.43 0.59 0.00	24.24 0.76 0.00	21.45 0.71 0.00	20.18 0.59 0.00	17.57 0.57 0.00	12.47 0.46 0.01	13.37 0.53 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.69 1.33 1.94	23.28 1.64 5.35	23.75 1.55 4.97	21.52 1.25 0.56	33.94 1.53 0.00	68.94 2.78 0.00	188.43 7.17 0.00	40.18 1.61 0.00	30.21 1.18 0.00	20.93 0.83 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.26 0.83 0.00	19.55 0.64 0.00	25.43 0.59 0.00	24.24 0.76 0.00	21.45 0.71 0.00	20.18 0.59 0.00	17.57 0.57 0.00	12.47 0.46 0.01	13.36 0.53 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.69 1.33 1.94	23.28 1.64 5.35	23.75 1.55 4.97	21.52 1.25 0.56	33.94 1.53 0.00	68.94 2.78 0.00	188.43 7.17 0.00	40.18 1.60 0.00	30.21 1.18 0.00	20.93 0.83 0.00
ASTORIA_GT2_1 24094	23.27 0.84 0.00	19.56 0.64 0.00	25.44 0.60 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.01	13.37 0.54 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.68 1.32 1.94	23.27 1.63 5.35	23.74 1.54 4.97	21.53 1.25 0.56	33.98 1.57 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.20 1.63 0.00	30.22 1.20 0.00	20.94 0.85 0.01
ASTORIA_GT2_2 24095	23.27 0.84 0.00	19.56 0.64 0.00	25.44 0.60 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.01	13.37 0.54 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.68 1.32 1.94	23.27 1.63 5.35	23.74 1.54 4.97	21.53 1.25 0.56	33.98 1.57 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.20 1.63 0.00	30.22 1.20 0.00	20.94 0.85 0.01
ASTORIA_GT2_3 24096	23.27 0.84 0.00	19.56 0.64 0.00	25.44 0.60 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.01	13.37 0.54 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.68 1.32 1.94	23.27 1.63 5.35	23.74 1.54 4.97	21.53 1.25 0.56	33.98 1.57 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.20 1.63 0.00	30.22 1.20 0.00	20.94 0.85 0.01
ASTORIA_GT2_4 24097	23.27 0.84 0.00	19.56 0.64 0.00	25.44 0.60 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.01	13.37 0.54 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.68 1.32 1.94	23.27 1.63 5.35	23.74 1.54 4.97	21.53 1.25 0.56	33.98 1.57 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.20 1.63 0.00	30.22 1.20 0.00	20.94 0.85 0.01
ASTORIA_GT3_1 24098	23.27 0.84 0.00	19.56 0.64 0.00	25.44 0.60 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.01	13.37 0.54 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.68 1.32 1.94	23.27 1.63 5.35	23.74 1.54 4.97	21.53 1.25 0.56	33.98 1.57 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.20 1.63 0.00	30.22 1.20 0.00	20.94 0.85 0.01
ASTORIA_GT3_2 24099	23.27 0.84 0.00	19.56 0.64 0.00	25.44 0.60 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.01	13.37 0.54 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.68 1.32 1.94	23.27 1.63 5.35	23.74 1.54 4.97	21.53 1.25 0.56	33.98 1.57 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.20 1.63 0.00	30.22 1.20 0.00	20.94 0.85 0.01
ASTORIA_GT3_3 24100	23.27 0.84 0.00	19.56 0.64 0.00	25.44 0.60 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.01	13.37 0.54 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.68 1.32 1.94	23.27 1.63 5.35	23.74 1.54 4.97	21.53 1.25 0.56	33.98 1.57 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.20 1.63 0.00	30.22 1.20 0.00	20.94 0.85 0.01
ASTORIA_GT3_4 24101	23.27 0.84 0.00	19.56 0.64 0.00	25.44 0.60 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.01	13.37 0.54 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.68 1.32 1.94	23.27 1.63 5.35	23.74 1.54 4.97	21.53 1.25 0.56	33.98 1.57 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.20 1.63 0.00	30.22 1.20 0.00	20.94 0.85 0.01
ASTORIA_GT4_1 24102	23.27 0.84 0.00	19.56 0.64 0.00	25.44 0.60 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.01	13.37 0.54 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.68 1.32 1.94	23.27 1.63 5.35	23.74 1.54 4.97	21.53 1.25 0.56	33.98 1.57 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.20 1.63 0.00	30.22 1.20 0.00	20.94 0.85 0.01
ASTORIA_GT4_2 24103	23.27 0.84 0.00	19.56 0.64 0.00	25.44 0.60 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.01	13.37 0.54 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.68 1.32 1.94	23.27 1.63 5.35	23.74 1.54 4.97	21.53 1.25 0.56	33.98 1.57 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.20 1.63 0.00	30.22 1.20 0.00	20.94 0.85 0.01
ASTORIA_GT4_3 24104	23.27 0.84 0.00	19.56 0.64 0.00	25.44 0.60 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.01	13.37 0.54 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.68 1.32 1.94	23.27 1.63 5.35	23.74 1.54 4.97	21.53 1.25 0.56	33.98 1.57 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.20 1.63 0.00	30.22 1.20 0.00	20.94 0.85 0.01

ASTORIA_GT4_4 24105	23.27 0.84 0.00	19.56 0.64 0.00	25.44 0.60 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.01	13.37 0.54 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.68 1.32 1.94	23.27 1.63 5.35	23.74 1.54 4.97	21.53 1.25 0.56	33.98 1.57 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.20 1.63 0.00	30.22 1.20 0.00	20.94 0.85 0.01
ASTORIA_GT_1 23523	23.29 0.86 0.00	19.58 0.66 0.00	25.47 0.63 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.21 0.62 0.00	17.61 0.60 0.00	12.48 0.47 0.01	13.38 0.55 -0.01	14.12 0.69 0.01	14.88 0.76 0.01	10.93 0.59 0.00	14.12 0.77 0.00	18.30 1.09 0.22	19.71 1.34 1.94	23.30 1.66 5.35	23.78 1.58 4.97	21.56 1.28 0.56	34.03 1.61 0.00	69.06 2.90 0.00	188.80 7.53 0.00	40.25 1.68 0.00	30.26 1.24 0.00	20.96 0.87 0.01
ASTORIA_GT_10 24110	23.31 0.88 0.00	19.60 0.69 0.00	25.58 0.74 0.00	24.35 0.87 0.00	21.55 0.81 0.00	20.29 0.70 0.00	17.69 0.67 -0.01	12.56 0.54 -0.01	13.47 0.63 -0.01	14.22 0.77 -0.01	14.98 0.84 -0.01	10.99 0.65 0.00	14.18 0.83 0.00	18.37 1.16 0.22	19.75 1.42 1.98	23.42 1.78 5.35	23.90 1.70 4.97	21.67 1.40 0.56	34.18 1.77 0.00	69.33 3.16 0.00	189.52 8.25 0.00	40.39 1.82 0.00	30.34 1.32 0.00	21.07 0.97 0.00
ASTORIA_GT_11 24225	23.31 0.88 0.00	19.60 0.69 0.00	25.58 0.74 0.00	24.35 0.87 0.00	21.55 0.81 0.00	20.29 0.70 0.00	17.69 0.67 -0.01	12.56 0.54 -0.01	13.47 0.63 -0.01	14.22 0.77 -0.01	14.98 0.84 -0.01	10.99 0.65 0.00	14.18 0.83 0.00	18.37 1.16 0.22	19.75 1.42 1.98	23.42 1.78 5.35	23.90 1.70 4.97	21.67 1.40 0.56	34.18 1.77 0.00	69.33 3.16 0.00	189.52 8.25 0.00	40.39 1.82 0.00	30.34 1.32 0.00	21.07 0.97 0.00
ASTORIA_GT_12 24226	23.31 0.88 0.00	19.60 0.69 0.00	25.58 0.74 0.00	24.35 0.87 0.00	21.55 0.81 0.00	20.29 0.70 0.00	17.69 0.67 -0.01	12.56 0.54 -0.01	13.47 0.63 -0.01	14.22 0.77 -0.01	14.98 0.84 -0.01	10.99 0.65 0.00	14.18 0.83 0.00	18.37 1.16 0.22	19.75 1.42 1.98	23.42 1.78 5.35	23.90 1.70 4.97	21.67 1.40 0.56	34.18 1.77 0.00	69.33 3.16 0.00	189.52 8.25 0.00	40.39 1.82 0.00	30.34 1.32 0.00	21.07 0.97 0.00
ASTORIA_GT_13 24227	23.31 0.88 0.00	19.60 0.69 0.00	25.58 0.74 0.00	24.35 0.87 0.00	21.55 0.81 0.00	20.29 0.70 0.00	17.69 0.67 -0.01	12.56 0.54 -0.01	13.47 0.63 -0.01	14.22 0.77 -0.01	14.98 0.84 -0.01	10.99 0.65 0.00	14.18 0.83 0.00	18.37 1.16 0.22	19.75 1.42 1.98	23.42 1.78 5.35	23.90 1.70 4.97	21.67 1.40 0.56	34.18 1.77 0.00	69.33 3.16 0.00	189.52 8.25 0.00	40.39 1.82 0.00	30.34 1.32 0.00	21.07 0.97 0.00
ASTORIA_GT_5 24106	23.29 0.86 0.00	19.58 0.66 0.00	25.47 0.63 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.21 0.62 0.00	17.61 0.60 0.00	12.48 0.47 0.01	13.38 0.55 -0.01	14.12 0.69 0.01	14.88 0.76 0.01	10.93 0.59 0.00	14.12 0.77 0.00	18.30 1.09 0.22	19.71 1.34 1.94	23.30 1.66 5.35	23.78 1.58 4.97	21.56 1.28 0.56	34.03 1.61 0.00	69.06 2.90 0.00	188.80 7.53 0.00	40.25 1.68 0.00	30.26 1.24 0.00	20.96 0.87 0.01
ASTORIA_GT_7 24107	23.29 0.86 0.00	19.58 0.66 0.00	25.47 0.63 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.21 0.62 0.00	17.61 0.60 0.00	12.48 0.47 0.01	13.38 0.55 -0.01	14.12 0.69 0.01	14.88 0.76 0.01	10.93 0.59 0.00	14.12 0.77 0.00	18.30 1.09 0.22	19.71 1.34 1.94	23.30 1.66 5.35	23.78 1.58 4.97	21.56 1.28 0.56	34.03 1.61 0.00	69.06 2.90 0.00	188.80 7.53 0.00	40.25 1.68 0.00	30.26 1.24 0.00	20.96 0.87 0.01
ASTORIA_GT_8 24108	23.29 0.86 0.00	19.58 0.66 0.00	25.47 0.63 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.21 0.62 0.00	17.61 0.60 0.00	12.48 0.47 0.01	13.38 0.55 -0.01	14.12 0.69 0.01	14.88 0.76 0.01	10.93 0.59 0.00	14.12 0.77 0.00	18.30 1.09 0.22	19.71 1.34 1.94	23.30 1.66 5.35	23.78 1.58 4.97	21.56 1.28 0.56	34.03 1.61 0.00	69.06 2.90 0.00	188.80 7.53 0.00	40.25 1.68 0.00	30.26 1.24 0.00	20.96 0.87 0.01
ASTORIA___2 24149	23.26 0.84 0.00	19.55 0.64 0.00	25.44 0.60 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.01	13.37 0.54 -0.01	14.10 0.67 0.01	14.85 0.73 0.01	10.92 0.58 0.00	14.09 0.74 0.00	18.28 1.07 0.22	19.70 1.33 1.94	23.29 1.65 5.35	23.76 1.56 4.97	21.53 1.25 0.56	33.97 1.55 0.00	68.96 2.79 0.00	188.57 7.30 0.00	40.20 1.63 0.00	30.22 1.20 0.00	20.94 0.84 0.00
ASTORIA___3 23516	23.31 0.88 0.00	19.60 0.69 0.00	25.58 0.74 0.00	24.35 0.87 0.00	21.55 0.81 0.00	20.29 0.70 0.00	17.69 0.67 -0.01	12.56 0.54 -0.01	13.47 0.63 -0.01	14.22 0.77 -0.01	14.98 0.84 -0.01	10.99 0.65 0.00	14.18 0.83 0.00	18.38 1.17 0.22	19.77 1.44 1.98	23.44 1.80 5.35	23.92 1.72 4.97	21.67 1.40 0.56	34.18 1.76 0.00	69.32 3.16 0.00	189.51 8.24 0.00	40.39 1.81 0.00	30.35 1.32 0.00	21.07 0.97 0.00
ASTORIA___4 23517	23.31 0.88 0.00	19.60 0.69 0.00	25.58 0.74 0.00	24.35 0.87 0.00	21.55 0.81 0.00	20.29 0.70 0.00	17.69 0.67 -0.01	12.56 0.54 -0.01	13.47 0.63 -0.01	14.22 0.77 -0.01	14.98 0.84 -0.01	10.99 0.65 0.00	14.18 0.83 0.00	18.37 1.16 0.22	19.75 1.42 1.98	23.42 1.78 5.35	23.90 1.70 4.97	21.67 1.40 0.56	34.18 1.77 0.00	69.33 3.16 0.00	189.52 8.25 0.00	40.39 1.82 0.00	30.34 1.32 0.00	21.07 0.97 0.00
ASTORIA___5 23518	23.31 0.88 0.00	19.60 0.69 0.00	25.58 0.74 0.00	24.35 0.87 0.00	21.55 0.81 0.00	20.29 0.70 0.00	17.69 0.67 -0.01	12.56 0.54 -0.01	13.47 0.63 -0.01	14.22 0.77 -0.01	14.98 0.84 -0.01	10.99 0.65 0.00	14.18 0.83 0.00	18.38 1.17 0.22	19.77 1.44 1.98	23.44 1.80 5.35	23.92 1.72 4.97	21.67 1.40 0.56	34.18 1.76 0.00	69.32 3.16 0.00	189.51 8.24 0.00	40.39 1.81 0.00	30.35 1.32 0.00	21.07 0.97 0.00
AST_ENERGY_2_CC3 323677	23.22 0.79 0.00	-1.31 0.61 20.83	25.51 0.67 0.00	24.25 0.78 0.00	21.47 0.73 0.00	20.20 0.62 0.00	17.60 0.59 0.00	12.49 0.48 0.00	13.41 0.58 0.00	14.15 0.72 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.80 0.00	18.32 1.11 0.22	19.68 1.36 1.98	23.35 1.71 5.35	23.80 1.60 4.97	21.54 1.26 0.56	34.04 1.62 0.00	69.01 2.84 0.00	188.60 7.33 0.00	40.18 1.61 0.00	30.20 1.17 0.00	20.94 0.84 0.00
AST_ENERGY_2_CC4 323678	23.22 0.79 0.00	-1.31 0.61 20.83	25.51 0.67 0.00	24.25 0.78 0.00	21.47 0.73 0.00	20.20 0.62 0.00	17.60 0.59 0.00	12.49 0.48 0.00	13.41 0.58 0.00	14.15 0.72 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.80 0.00	18.32 1.11 0.22	19.68 1.36 1.98	23.35 1.71 5.35	23.80 1.60 4.97	21.54 1.26 0.56	34.04 1.62 0.00	69.01 2.84 0.00	188.60 7.33 0.00	40.18 1.61 0.00	30.20 1.17 0.00	20.94 0.84 0.00

ATHENS_STG_1 23668	22.69 0.26 0.00	19.13 0.22 0.00	25.10 0.26 0.00	23.78 0.31 0.00	21.01 0.27 0.00	19.81 0.22 0.00	17.18 0.17 0.00	12.16 0.14 0.00	12.98 0.15 0.00	13.62 0.18 0.00	14.32 0.19 0.00	10.51 0.17 0.00	13.59 0.24 0.00	17.60 0.37 0.19	18.99 0.43 1.75	22.81 0.53 4.72	23.28 0.50 4.38	20.75 0.41 0.50	32.96 0.54 0.00	67.13 0.97 0.00	183.48 2.21 0.00	39.06 0.48 0.00	29.38 0.35 0.00	20.40 0.30 0.00
ATHENS_STG_2 23670	22.69 0.26 0.00	19.13 0.22 0.00	25.10 0.26 0.00	23.78 0.31 0.00	21.01 0.27 0.00	19.81 0.22 0.00	17.18 0.17 0.00	12.16 0.14 0.00	12.98 0.15 0.00	13.62 0.18 0.00	14.32 0.19 0.00	10.51 0.17 0.00	13.59 0.24 0.00	17.60 0.37 0.19	18.99 0.43 1.75	22.81 0.53 4.72	23.28 0.50 4.38	20.75 0.41 0.50	32.96 0.54 0.00	67.13 0.97 0.00	183.48 2.21 0.00	39.06 0.48 0.00	29.38 0.35 0.00	20.40 0.30 0.00
ATHENS_STG_3 23677	22.69 0.26 0.00	19.13 0.22 0.00	25.10 0.26 0.00	23.78 0.31 0.00	21.01 0.27 0.00	19.81 0.22 0.00	17.18 0.17 0.00	12.16 0.14 0.00	12.98 0.15 0.00	13.62 0.18 0.00	14.32 0.19 0.00	10.51 0.17 0.00	13.59 0.24 0.00	17.60 0.37 0.19	18.99 0.43 1.75	22.81 0.53 4.72	23.28 0.50 4.38	20.75 0.41 0.50	32.96 0.54 0.00	67.13 0.97 0.00	183.48 2.21 0.00	39.06 0.48 0.00	29.38 0.35 0.00	20.40 0.30 0.00
AUBURN____LFGE 323710	21.91 -0.51 0.00	18.49 -0.42 0.00	24.34 -0.50 0.00	22.91 -0.57 0.00	20.30 -0.44 0.00	19.15 -0.44 0.00	16.67 -0.34 0.00	11.66 -0.36 0.00	12.45 -0.38 0.00	13.03 -0.41 0.00	13.75 -0.39 0.00	9.96 -0.38 0.00	12.85 -0.50 0.00	14.76 -0.66 2.01	1.45 -0.76 18.09	-22.81 -0.99 48.81	-19.09 -0.93 45.34	14.92 -0.76 5.17	31.55 -0.87 0.00	64.85 -1.32 0.00	178.51 -2.76 0.00	37.93 -0.65 0.00	28.42 -0.60 0.00	19.80 -0.31 0.00
BABYLON_RES_REC 323704	23.68 1.26 0.00	19.87 0.96 0.00	26.01 1.17 0.00	24.60 1.13 0.00	21.79 1.05 0.00	20.54 0.96 0.00	17.83 0.82 0.00	12.63 0.61 0.00	13.47 0.65 0.00	14.21 0.77 0.00	15.07 0.94 0.00	11.08 0.74 0.00	14.32 0.97 0.00	19.93 1.40 -1.10	25.78 1.73 -3.74	28.23 2.24 1.01	29.66 2.11 -0.38	21.87 1.59 0.56	34.51 2.10 0.00	70.08 3.91 0.00	190.92 9.65 0.00	40.65 2.08 0.00	30.78 1.63 -0.13	25.66 1.35 -4.22
BALL_HILL_WT_PWR 323825	21.12 -1.01 0.29	17.60 -0.82 0.48	23.64 -0.93 0.28	22.32 -0.98 0.18	19.64 -0.86 0.24	18.29 -0.67 0.63	16.38 -0.57 0.06	11.41 -0.55 0.06	12.29 -0.49 0.04	12.96 -0.47 0.00	13.94 -0.19 0.00	9.87 -0.47 0.00	12.68 -0.67 0.00	15.33 -1.02 1.08	9.65 -0.96 9.70	-0.22 -1.04 26.18	1.70 -1.16 24.31	16.80 -1.27 2.77	30.47 -1.77 0.18	62.23 -3.20 0.74	173.21 -7.39 0.66	36.02 -1.95 0.60	27.66 -1.37 0.00	19.41 -0.69 0.00
BARON_WINDS____WT_PWR 323822	21.67 -0.97 -0.22	18.54 -0.74 -0.37	24.16 -0.89 -0.21	22.72 -0.89 -0.14	20.15 -0.77 -0.18	19.47 -0.59 -0.48	16.47 -0.59 -0.05	11.43 -0.63 -0.04	12.23 -0.63 -0.03	12.80 -0.63 0.00	13.69 -0.44 0.00	9.80 -0.53 0.00	12.61 -0.74 0.00	15.19 -1.04 1.20	8.44 -1.07 10.80	-3.42 -1.29 29.13	-1.27 -1.38 27.05	16.55 -1.21 3.08	31.00 -1.56 -0.13	64.32 -2.41 -0.56	176.30 -5.48 -0.50	37.63 -1.40 -0.46	28.07 -0.96 0.00	19.63 -0.47 0.00
BARRETT_IC_1 23704	234.13 0.92 -210.78	105.81 0.75 -86.15	51.62 0.94 -25.85	26.67 0.93 -2.27	21.69 0.85 -0.09	20.45 0.77 -0.09	17.77 0.66 -0.09	12.59 0.49 -0.08	13.43 0.54 -0.06	14.18 0.69 -0.05	136.43 0.87 -121.43	114.41 0.70 -103.38	105.64 0.90 -91.39	100.37 1.22 -81.72	90.35 1.44 -68.60	66.62 1.84 -37.79	77.11 1.71 -48.24	21.56 1.28 0.56	34.01 1.59 0.00	68.89 2.72 0.00	187.64 6.37 0.01	40.03 1.45 -0.01	36.03 1.20 -5.81	179.44 1.04 -158.30
BARRETT_IC_10 23701	82.13 0.92 -58.79	43.60 0.75 -23.94	32.95 0.94 -7.17	25.03 0.93 -0.62	21.62 0.85 -0.02	20.39 0.77 -0.02	17.70 0.66 -0.02	12.53 0.49 -0.02	13.38 0.54 -0.01	14.14 0.69 -0.01	48.70 0.87 -33.69	39.72 0.70 -28.69	39.61 0.90 -25.36	42.08 1.22 -23.42	41.60 1.44 -19.84	38.45 1.84 -9.62	42.33 1.71 -13.46	21.56 1.28 0.56	34.01 1.59 0.00	68.89 2.72 0.00	187.64 6.37 0.01	40.03 1.45 0.00	31.92 1.20 -1.70	68.00 1.04 -46.86
BARRETT_IC_11 23702	82.13 0.92 -58.79	43.60 0.75 -23.94	32.95 0.94 -7.17	25.03 0.93 -0.62	21.62 0.85 -0.02	20.39 0.77 -0.02	17.70 0.66 -0.02	12.53 0.49 -0.02	13.38 0.54 -0.01	14.14 0.69 -0.01	48.70 0.87 -33.69	39.72 0.70 -28.69	39.61 0.90 -25.36	42.08 1.22 -23.42	41.60 1.44 -19.84	38.45 1.84 -9.62	42.33 1.71 -13.46	21.56 1.28 0.56	34.01 1.59 0.00	68.89 2.72 0.00	187.64 6.37 0.01	40.03 1.45 0.00	31.92 1.20 -1.70	68.00 1.04 -46.86
BARRETT_IC_12 23703	82.13 0.92 -58.79	43.60 0.75 -23.94	32.95 0.94 -7.17	25.03 0.93 -0.62	21.62 0.85 -0.02	20.39 0.77 -0.02	17.70 0.66 -0.02	12.53 0.49 -0.02	13.38 0.54 -0.01	14.14 0.69 -0.01	48.70 0.87 -33.69	39.72 0.70 -28.69	39.61 0.90 -25.36	42.08 1.22 -23.42	41.60 1.44 -19.84	38.45 1.84 -9.62	42.33 1.71 -13.46	21.56 1.28 0.56	34.01 1.59 0.00	68.89 2.72 0.00	187.64 6.37 0.01	40.03 1.45 0.00	31.92 1.20 -1.70	68.00 1.04 -46.86
BARRETT_IC_2 23705	234.13 0.92 -210.78	105.81 0.75 -86.15	51.62 0.94 -25.85	26.67 0.93 -2.27	21.69 0.85 -0.09	20.45 0.77 -0.09	17.77 0.66 -0.09	12.59 0.49 -0.08	13.43 0.54 -0.06	14.18 0.69 -0.05	136.43 0.87 -121.43	114.41 0.70 -103.38	105.64 0.90 -91.39	100.37 1.22 -81.72	90.35 1.44 -68.60	66.62 1.84 -37.79	77.11 1.71 -48.24	21.56 1.28 0.56	34.01 1.59 0.00	68.89 2.72 0.00	187.64 6.37 0.01	40.03 1.45 -0.01	36.03 1.20 -5.81	179.44 1.04 -158.30
BARRETT_IC_3 23706	234.13 0.92 -210.78	105.81 0.75 -86.15	51.62 0.94 -25.85	26.67 0.93 -2.27	21.69 0.85 -0.09	20.45 0.77 -0.09	17.77 0.66 -0.09	12.59 0.49 -0.08	13.43 0.54 -0.06	14.18 0.69 -0.05	136.43 0.87 -121.43	114.41 0.70 -103.38	105.64 0.90 -91.39	100.37 1.22 -81.72	90.35 1.44 -68.60	66.62 1.84 -37.79	77.11 1.71 -48.24	21.56 1.28 0.56	34.01 1.59 0.00	68.89 2.72 0.00	187.64 6.37 0.01	40.03 1.45 -0.01	36.03 1.20 -5.81	179.44 1.04 -158.30
BARRETT_IC_4 23707	234.13 0.92 -210.78	105.81 0.75 -86.15	51.62 0.94 -25.85	26.67 0.93 -2.27	21.69 0.85 -0.09	20.45 0.77 -0.09	17.77 0.66 -0.09	12.59 0.49 -0.08	13.43 0.54 -0.06	14.18 0.69 -0.05	136.43 0.87 -121.43	114.41 0.70 -103.38	105.64 0.90 -91.39	100.37 1.22 -81.72	90.35 1.44 -68.60	66.62 1.84 -37.79	77.11 1.71 -48.24	21.56 1.28 0.56	34.01 1.59 0.00	68.89 2.72 0.00	187.64 6.37 0.01	40.03 1.45 -0.01	36.03 1.20 -5.81	179.44 1.04 -158.30
BARRETT_IC_5 23708	234.13 0.92 -210.78	105.81 0.75 -86.15	51.62 0.94 -25.85	26.67 0.93 -2.27	21.69 0.85 -0.09	20.45 0.77 -0.09	17.77 0.66 -0.09	12.59 0.49 -0.08	13.43 0.54 -0.06	14.18 0.69 -0.05	136.43 0.87 -121.43	114.41 0.70 -103.38	105.64 0.90 -91.39	100.37 1.22 -81.72	90.35 1.44 -68.60	66.62 1.84 -37.79	77.11 1.71 -48.24	21.56 1.28 0.56	34.01 1.59 0.00	68.89 2.72 0.00	187.64 6.37 0.01	40.03 1.45 -0.01	36.03 1.20 -5.81	179.44 1.04 -158.30

BARRETT_IC_6 23709	234.13 0.92 -210.78	105.81 0.75 -86.15	51.62 0.94 -25.85	26.67 0.93 -2.27	21.69 0.85 -0.09	20.45 0.77 -0.09	17.77 0.66 -0.09	12.59 0.49 -0.08	13.43 0.54 -0.06	14.18 0.69 -0.05	136.43 0.87 -121.43	114.41 0.70 -103.38	105.64 0.90 -91.39	100.37 1.22 -81.72	90.35 1.44 -68.60	66.62 1.84 -37.79	77.11 1.71 -48.24	21.56 1.28 0.56	34.01 1.59 0.00	68.89 2.72 0.00	187.64 6.37 0.01	40.03 1.45 -0.01	36.03 1.20 -5.81	179.44 1.04 -158.30
BARRETT_IC_7 23710	234.13 0.92 -210.78	105.81 0.75 -86.15	51.62 0.94 -25.85	26.67 0.92 -2.27	21.69 0.86 -0.09	20.45 0.78 -0.09	17.76 0.66 -0.09	12.59 0.49 -0.08	13.43 0.54 -0.06	14.18 0.69 -0.05	136.43 0.88 -121.43	114.41 0.69 -103.38	105.64 0.90 -91.39	100.38 1.23 -81.72	90.35 1.44 -68.60	66.62 1.84 -37.79	77.11 1.71 -48.24	21.56 1.29 0.56	34.01 1.60 0.00	68.89 2.72 0.00	187.66 6.39 0.00	40.04 1.46 -0.01	36.03 1.19 -5.81	179.44 1.04 -158.30
BARRETT_IC_8 23711	234.13 0.92 -210.78	105.81 0.75 -86.15	51.62 0.94 -25.85	26.67 0.93 -2.27	21.69 0.85 -0.09	20.45 0.77 -0.09	17.77 0.66 -0.09	12.59 0.49 -0.08	13.43 0.54 -0.06	14.18 0.69 -0.05	136.43 0.87 -121.43	114.41 0.70 -103.38	105.64 0.90 -91.39	100.37 1.22 -81.72	90.35 1.44 -68.60	66.62 1.84 -37.79	77.11 1.71 -48.24	21.56 1.28 0.56	34.01 1.59 0.00	68.89 2.72 0.00	187.64 6.37 0.01	40.03 1.45 -0.01	36.03 1.20 -5.81	179.44 1.04 -158.30
BARRETT_IC_9 23700	82.13 0.92 -58.79	43.60 0.75 -23.94	32.95 0.94 -7.17	25.03 0.93 -0.62	21.62 0.85 -0.02	20.39 0.77 -0.02	17.70 0.66 -0.02	12.53 0.49 -0.02	13.38 0.54 -0.01	14.14 0.69 -0.01	48.70 0.87 -33.69	39.72 0.70 -28.69	39.61 0.90 -25.36	42.08 1.22 -23.42	41.60 1.44 -19.84	38.45 1.84 -9.62	42.33 1.71 -13.46	21.56 1.28 0.56	34.01 1.59 0.00	68.89 2.72 0.00	187.64 6.37 0.01	40.03 1.45 0.00	31.92 1.20 -1.70	68.00 1.04 -46.86
BARRETT___1 23545	234.13 0.92 -210.78	105.81 0.75 -86.15	51.62 0.94 -25.85	26.67 0.93 -2.27	21.69 0.85 -0.09	20.45 0.77 -0.09	17.77 0.66 -0.09	12.59 0.49 -0.08	13.43 0.54 -0.06	14.18 0.69 -0.05	136.43 0.87 -121.43	114.41 0.70 -103.38	105.64 0.90 -91.39	100.37 1.22 -81.72	90.35 1.44 -68.60	66.62 1.84 -37.79	77.11 1.71 -48.24	21.56 1.28 0.56	34.01 1.59 0.00	68.89 2.72 0.00	187.64 6.37 0.01	40.03 1.45 -0.01	36.03 1.20 -5.81	179.44 1.04 -158.30
BARRETT___2 23546	82.13 0.92 -58.79	43.60 0.75 -23.94	32.95 0.94 -7.17	25.03 0.93 -0.62	21.62 0.85 -0.02	20.39 0.77 -0.02	17.70 0.66 -0.02	12.53 0.49 -0.02	13.38 0.54 -0.01	14.14 0.69 -0.01	48.70 0.87 -33.69	39.72 0.70 -28.69	39.61 0.90 -25.36	42.08 1.22 -23.42	41.60 1.44 -19.84	38.45 1.84 -9.62	42.33 1.71 -13.46	21.56 1.28 0.56	34.01 1.59 0.00	68.89 2.72 0.00	187.64 6.37 0.01	40.03 1.45 0.00	31.92 1.20 -1.70	68.00 1.04 -46.86
BATAVIA__115KV_TB1 55881	21.57 -0.85 0.00	18.21 -0.70 0.00	24.00 -0.84 0.00	22.59 -0.88 0.00	19.96 -0.78 0.00	19.01 -0.58 0.00	16.56 -0.45 0.00	11.50 -0.52 0.00	12.27 -0.56 0.00	12.85 -0.59 0.00	13.78 -0.34 0.00	9.74 -0.60 0.00	12.51 -0.84 0.00	15.13 -1.24 1.07	9.63 -1.08 9.60	-0.08 -1.17 25.90	2.00 -1.11 24.06	16.76 -1.34 2.74	30.60 -1.81 0.00	63.27 -2.90 0.00	175.54 -5.73 0.00	37.13 -1.44 0.00	28.03 -1.00 0.00	19.57 -0.53 0.00
BAYONEEC___CTG1 323682	23.22 0.80 0.00	19.53 0.61 0.00	25.52 0.69 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.22 0.63 0.00	17.61 0.60 0.00	12.50 0.48 0.00	13.40 0.58 0.00	14.16 0.72 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.79 0.00	18.33 1.11 0.22	19.69 1.36 1.98	23.38 1.74 5.35	23.84 1.64 4.97	21.58 1.30 0.56	34.11 1.69 0.00	69.14 2.97 0.00	188.92 7.65 0.00	40.27 1.70 0.00	30.26 1.24 0.00	20.98 0.88 0.00
BAYONEEC___CTG10 323750	23.22 0.80 0.00	19.53 0.61 0.00	25.52 0.69 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.22 0.63 0.00	17.61 0.60 0.00	12.50 0.48 0.00	13.40 0.58 0.00	14.16 0.72 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.79 0.00	18.33 1.11 0.22	19.69 1.36 1.98	23.38 1.74 5.35	23.84 1.64 4.97	21.58 1.30 0.56	34.11 1.69 0.00	69.14 2.97 0.00	188.92 7.65 0.00	40.27 1.70 0.00	30.26 1.24 0.00	20.98 0.88 0.00
BAYONEEC___CTG2 323683	23.22 0.80 0.00	19.53 0.61 0.00	25.52 0.69 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.22 0.63 0.00	17.61 0.60 0.00	12.50 0.48 0.00	13.40 0.58 0.00	14.16 0.72 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.79 0.00	18.33 1.11 0.22	19.69 1.36 1.98	23.38 1.74 5.35	23.84 1.64 4.97	21.58 1.30 0.56	34.11 1.69 0.00	69.14 2.97 0.00	188.92 7.65 0.00	40.27 1.70 0.00	30.26 1.24 0.00	20.98 0.88 0.00
BAYONEEC___CTG3 323684	23.22 0.80 0.00	19.53 0.61 0.00	25.52 0.69 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.22 0.63 0.00	17.61 0.60 0.00	12.50 0.48 0.00	13.40 0.58 0.00	14.16 0.72 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.79 0.00	18.33 1.11 0.22	19.69 1.36 1.98	23.38 1.74 5.35	23.84 1.64 4.97	21.58 1.30 0.56	34.11 1.69 0.00	69.14 2.97 0.00	188.92 7.65 0.00	40.27 1.70 0.00	30.26 1.24 0.00	20.98 0.88 0.00
BAYONEEC___CTG4 323685	23.22 0.80 0.00	19.53 0.61 0.00	25.52 0.69 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.22 0.63 0.00	17.61 0.60 0.00	12.50 0.48 0.00	13.40 0.58 0.00	14.16 0.72 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.79 0.00	18.33 1.11 0.22	19.69 1.36 1.98	23.38 1.74 5.35	23.84 1.64 4.97	21.58 1.30 0.56	34.11 1.69 0.00	69.14 2.97 0.00	188.92 7.65 0.00	40.27 1.70 0.00	30.26 1.24 0.00	20.98 0.88 0.00
BAYONEEC___CTG5 323686	23.22 0.80 0.00	19.53 0.61 0.00	25.52 0.69 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.22 0.63 0.00	17.61 0.60 0.00	12.50 0.48 0.00	13.40 0.58 0.00	14.16 0.72 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.79 0.00	18.33 1.11 0.22	19.69 1.36 1.98	23.38 1.74 5.35	23.84 1.64 4.97	21.58 1.30 0.56	34.11 1.69 0.00	69.14 2.97 0.00	188.92 7.65 0.00	40.27 1.70 0.00	30.26 1.24 0.00	20.98 0.88 0.00
BAYONEEC___CTG6 323687	23.22 0.80 0.00	19.53 0.61 0.00	25.52 0.69 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.22 0.63 0.00	17.61 0.60 0.00	12.50 0.48 0.00	13.40 0.58 0.00	14.16 0.72 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.79 0.00	18.33 1.11 0.22	19.69 1.36 1.98	23.38 1.74 5.35	23.84 1.64 4.97	21.58 1.30 0.56	34.11 1.69 0.00	69.14 2.97 0.00	188.92 7.65 0.00	40.27 1.70 0.00	30.26 1.24 0.00	20.98 0.88 0.00
BAYONEEC___CTG7 323688	23.22 0.80 0.00	19.53 0.61 0.00	25.52 0.69 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.22 0.63 0.00	17.61 0.60 0.00	12.50 0.48 0.00	13.40 0.58 0.00	14.16 0.72 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.79 0.00	18.33 1.11 0.22	19.69 1.36 1.98	23.38 1.74 5.35	23.84 1.64 4.97	21.58 1.30 0.56	34.11 1.69 0.00	69.14 2.97 0.00	188.92 7.65 0.00	40.27 1.70 0.00	30.26 1.24 0.00	20.98 0.88 0.00

BAYONEEC___CTG8 323689	23.22 0.80 0.00	19.53 0.61 0.00	25.52 0.69 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.22 0.63 0.00	17.61 0.60 0.00	12.50 0.48 0.00	13.40 0.58 0.00	14.16 0.72 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.79 0.00	18.33 1.11 0.22	19.69 1.36 1.98	23.38 1.74 5.35	23.84 1.64 4.97	21.58 1.30 0.56	34.11 1.69 0.00	69.14 2.97 0.00	188.92 7.65 0.00	40.27 1.70 0.00	30.26 1.24 0.00	20.98 0.88 0.00
BAYONEEC___CTG9 323749	23.22 0.80 0.00	19.53 0.61 0.00	25.52 0.69 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.22 0.63 0.00	17.61 0.60 0.00	12.50 0.48 0.00	13.40 0.58 0.00	14.16 0.72 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.79 0.00	18.33 1.11 0.22	19.69 1.36 1.98	23.38 1.74 5.35	23.84 1.64 4.97	21.58 1.30 0.56	34.11 1.69 0.00	69.14 2.97 0.00	188.92 7.65 0.00	40.27 1.70 0.00	30.26 1.24 0.00	20.98 0.88 0.00
BEACON___LESR 323632	22.64 0.22 0.00	19.11 0.19 0.00	25.02 0.18 0.00	23.66 0.18 0.00	20.92 0.17 0.00	19.74 0.15 0.00	17.09 0.08 0.00	12.09 0.08 0.00	12.87 0.05 0.00	13.44 0.00 0.00	14.14 0.02 0.00	10.38 0.04 0.00	13.45 0.09 0.00	17.43 0.16 0.16	19.10 0.19 1.40	23.47 0.25 3.77	23.89 0.23 3.51	20.71 0.27 0.40	32.89 0.47 0.00	66.96 0.79 0.00	182.70 1.43 0.00	38.90 0.32 0.00	29.17 0.15 0.00	20.28 0.18 0.00
BEAVER RIVER___HYD 24048	21.79 -0.63 0.00	18.41 -0.50 0.00	24.34 -0.51 0.00	23.11 -0.37 0.00	20.33 -0.41 0.00	19.22 -0.37 0.00	16.76 -0.25 0.00	11.83 -0.18 0.00	12.61 -0.22 0.00	13.12 -0.32 0.00	13.62 -0.52 0.00	9.92 -0.42 0.00	12.78 -0.57 0.00	15.59 -0.83 1.01	10.06 -1.13 9.12	0.88 -1.51 24.60	3.02 -1.30 22.85	17.23 -1.00 2.61	31.32 -1.10 0.00	64.91 -1.26 0.00	180.38 -0.89 0.00	38.54 -0.03 0.00	28.91 -0.12 0.00	19.75 -0.35 0.00
BEEBEE_GT_13 23619	21.49 -0.94 0.00	18.15 -0.77 0.00	23.88 -0.96 0.00	22.51 -0.97 0.00	19.88 -0.86 0.00	18.89 -0.70 0.00	16.43 -0.59 0.00	11.47 -0.55 0.00	12.28 -0.54 0.00	12.90 -0.54 0.00	13.74 -0.39 0.00	9.84 -0.50 0.00	12.68 -0.67 0.00	15.40 -0.98 1.06	9.84 -0.96 9.50	0.23 -1.13 25.63	2.24 -1.12 23.81	17.01 -1.12 2.71	30.93 -1.48 0.00	63.45 -2.72 0.00	174.95 -6.32 0.00	37.04 -1.53 0.00	27.91 -1.12 0.00	19.45 -0.65 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.51 1.08 0.00	19.76 0.85 0.00	25.79 0.96 0.00	24.56 1.08 0.00	21.73 0.99 0.00	20.45 0.87 0.00	17.82 0.80 -0.01	12.64 0.62 -0.01	13.56 0.73 -0.01	14.31 0.87 -0.01	15.08 0.94 -0.01	11.06 0.72 0.00	14.27 0.92 0.00	18.49 1.28 0.22	19.91 1.58 1.98	23.63 1.98 5.35	24.12 1.92 4.97	21.83 1.55 0.56	34.45 2.03 0.00	69.89 3.72 0.00	191.09 9.82 0.00	40.73 2.16 0.00	30.61 1.59 0.00	21.24 1.14 0.00
BETHLEHEM___GRP 23843	22.31 -0.11 0.00	18.85 -0.06 0.00	24.68 -0.15 0.00	23.36 -0.12 0.00	20.65 -0.09 0.00	19.47 -0.12 0.00	16.87 -0.15 0.00	11.94 -0.08 0.00	12.71 -0.11 0.00	13.26 -0.17 0.00	13.94 -0.19 0.00	10.25 -0.09 0.00	13.27 -0.08 0.00	17.20 -0.07 0.16	18.84 -0.07 1.40	23.07 -0.15 3.77	23.50 -0.17 3.50	20.39 -0.05 0.40	32.23 -0.19 0.00	65.71 -0.46 0.00	179.43 -1.84 0.00	38.19 -0.39 0.00	28.74 -0.28 0.00	20.01 -0.09 0.00
BETHLEHEM___GS1 323560	22.31 -0.11 0.00	18.85 -0.06 0.00	24.68 -0.16 0.00	23.36 -0.12 0.00	20.64 -0.10 0.00	19.47 -0.12 0.00	16.87 -0.15 0.00	11.94 -0.07 0.00	12.71 -0.11 0.00	13.26 -0.17 0.00	13.94 -0.19 0.00	10.25 -0.09 0.00	13.27 -0.08 0.00	17.20 -0.07 0.16	18.84 -0.07 1.40	23.08 -0.15 3.77	23.50 -0.16 3.50	20.39 -0.06 0.40	32.23 -0.19 0.00	65.71 -0.46 0.00	179.43 -1.84 0.00	38.19 -0.38 0.00	28.74 -0.28 0.00	20.01 -0.09 0.00
BETHLEHEM___GS2 323561	22.31 -0.11 0.00	18.85 -0.06 0.00	24.68 -0.16 0.00	23.36 -0.12 0.00	20.64 -0.10 0.00	19.47 -0.12 0.00	16.87 -0.15 0.00	11.94 -0.07 0.00	12.71 -0.11 0.00	13.26 -0.17 0.00	13.94 -0.19 0.00	10.25 -0.09 0.00	13.27 -0.08 0.00	17.20 -0.07 0.16	18.84 -0.07 1.40	23.08 -0.15 3.77	23.50 -0.16 3.50	20.39 -0.06 0.40	32.23 -0.19 0.00	65.71 -0.46 0.00	179.43 -1.84 0.00	38.19 -0.38 0.00	28.74 -0.28 0.00	20.01 -0.09 0.00
BETHLEHEM___GS3 323562	22.31 -0.11 0.00	18.85 -0.06 0.00	24.68 -0.16 0.00	23.36 -0.12 0.00	20.64 -0.10 0.00	19.47 -0.12 0.00	16.87 -0.15 0.00	11.94 -0.07 0.00	12.71 -0.11 0.00	13.26 -0.17 0.00	13.94 -0.19 0.00	10.25 -0.09 0.00	13.27 -0.08 0.00	17.20 -0.07 0.16	18.84 -0.07 1.40	23.08 -0.15 3.77	23.50 -0.16 3.50	20.39 -0.06 0.40	32.23 -0.19 0.00	65.71 -0.46 0.00	179.43 -1.84 0.00	38.19 -0.38 0.00	28.74 -0.28 0.00	20.01 -0.09 0.00
BETHLEHEM___STEEL 23779	21.34 -1.08 0.00	18.04 -0.87 0.00	23.80 -1.04 0.00	22.39 -1.09 0.00	19.78 -0.96 0.00	18.85 -0.74 0.00	16.40 -0.61 0.00	11.42 -0.60 0.00	12.28 -0.55 0.00	12.91 -0.52 0.00	13.89 -0.24 0.00	9.82 -0.52 0.00	12.62 -0.73 0.00	15.24 -1.11 1.08	9.62 -1.00 9.69	-0.23 -1.07 26.16	1.73 -1.14 24.29	16.73 -1.34 2.77	30.54 -1.87 0.00	62.79 -3.38 0.00	173.35 -7.92 0.00	36.57 -2.00 0.00	27.64 -1.39 0.00	19.38 -0.72 0.00
BETHLHEM_115KV_TB1 79974	22.38 -0.05 0.00	18.90 -0.02 0.00	24.75 -0.09 0.00	23.42 -0.06 0.00	20.70 -0.04 0.00	19.52 -0.07 0.00	16.92 -0.10 0.00	11.98 -0.04 0.00	12.75 -0.08 0.00	13.31 -0.13 0.00	13.99 -0.14 0.00	10.28 -0.06 0.00	13.31 -0.04 0.00	17.25 -0.03 0.16	18.90 -0.02 1.40	23.15 -0.08 3.77	23.57 -0.10 3.50	20.44 0.00 0.40	32.33 -0.09 0.00	65.91 -0.26 0.00	180.00 -1.27 0.00	38.31 -0.26 0.00	28.84 -0.19 0.00	20.06 -0.04 0.00
BETHPAGE_CC_5 323564	31.24 1.23 -7.59	22.96 0.95 -3.10	26.92 1.16 -0.93	24.69 1.13 -0.08	21.79 1.05 0.00	20.54 0.95 0.00	17.83 0.82 0.00	12.63 0.61 0.00	13.49 0.66 0.00	14.24 0.80 0.00	19.47 0.96 -4.37	14.82 0.76 -3.72	17.64 1.00 -3.29	22.94 1.42 -4.09	28.50 1.74 -6.45	29.90 2.25 -0.66	31.73 2.12 -2.45	21.87 1.60 0.56	34.51 2.09 0.00	70.00 3.83 0.00	190.39 9.13 0.00	40.56 1.99 0.00	30.93 1.56 -0.34	31.40 1.31 -9.99
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.42 -1.01 0.00	18.10 -0.81 0.00	23.88 -0.96 0.00	22.47 -1.01 0.00	19.86 -0.88 0.00	18.91 -0.67 0.00	16.45 -0.56 0.00	11.46 -0.55 0.00	12.32 -0.50 0.00	12.96 -0.48 0.00	13.94 -0.19 0.00	9.86 -0.48 0.00	12.67 -0.68 0.00	15.30 -1.05 1.08	9.66 -0.92 9.73	-0.20 -0.96 26.24	1.75 -1.04 24.37	16.81 -1.26 2.78	30.68 -1.73 0.00	63.07 -3.10 0.00	174.08 -7.19 0.00	36.71 -1.86 0.00	27.73 -1.29 0.00	19.45 -0.65 0.00
BINGHAMTON___COGEN 23790	22.04 -0.38 0.00	18.60 -0.32 0.00	24.51 -0.33 0.00	23.16 -0.32 0.00	20.45 -0.29 0.00	19.35 -0.24 0.00	16.78 -0.23 0.00	11.80 -0.22 0.00	12.62 -0.20 0.00	13.22 -0.21 0.00	13.99 -0.14 0.00	10.13 -0.20 0.00	13.06 -0.29 0.00	15.82 -0.37 1.24	8.77 -0.39 11.14	-3.53 -0.47 30.06	-1.29 -0.54 27.92	17.24 -0.42 3.18	31.84 -0.58 0.00	65.23 -0.94 0.00	179.05 -2.22 0.00	37.98 -0.59 0.00	28.61 -0.42 0.00	19.91 -0.19 0.00

BIXINCNT_115KV_LOAD 355685	21.61 -0.81 0.00	18.30 -0.61 0.00	24.15 -0.69 0.00	22.73 -0.75 0.00	20.17 -0.57 0.00	19.18 -0.40 0.00	16.63 -0.38 0.00	11.63 -0.38 0.00	12.52 -0.30 0.00	13.16 -0.28 0.00	14.12 -0.01 0.00	10.00 -0.34 0.00	12.85 -0.50 0.00	15.55 -0.78 1.10	9.80 -0.63 9.88	-0.26 -0.60 26.66	1.65 -0.76 24.76	17.00 -1.02 2.82	31.07 -1.34 0.00	63.86 -2.31 0.00	176.45 -4.82 0.00	37.23 -1.34 0.00	28.00 -1.02 0.00	19.64 -0.47 0.00
BLACK RIVER___HYD 24047	21.77 -0.66 0.00	18.38 -0.53 0.00	24.29 -0.54 0.00	23.11 -0.36 0.00	20.28 -0.46 0.00	19.21 -0.38 0.00	16.77 -0.24 0.00	11.83 -0.19 0.00	12.60 -0.22 0.00	13.08 -0.35 0.00	13.52 -0.61 0.00	9.80 -0.53 0.00	12.62 -0.73 0.00	14.87 -1.06 1.50	5.38 -1.40 13.53	-11.38 -1.87 36.50	-8.41 -1.67 33.90	15.70 -1.28 3.86	31.04 -1.37 0.00	64.79 -1.37 0.00	181.46 0.19 0.00	38.75 0.18 0.00	29.04 0.01 0.00	19.78 -0.32 0.00
BLACKRVR_115KV_TB2 79977	21.77 -0.66 0.00	18.38 -0.53 0.00	24.29 -0.54 0.00	23.11 -0.36 0.00	20.28 -0.46 0.00	19.21 -0.38 0.00	16.77 -0.24 0.00	11.83 -0.19 0.00	12.60 -0.22 0.00	13.08 -0.35 0.00	13.52 -0.61 0.00	9.81 -0.53 0.00	12.62 -0.73 0.00	14.87 -1.06 1.50	5.38 -1.40 13.53	-11.38 -1.87 36.50	-8.41 -1.67 33.90	15.70 -1.28 3.86	31.04 -1.37 0.00	64.79 -1.37 0.00	181.46 0.19 0.00	38.75 0.18 0.00	29.04 0.01 0.00	19.78 -0.32 0.00
BLDWN_LI_69_KV_BK4 356085	81.69 1.14 -58.13	43.56 0.89 -23.76	33.07 1.10 -7.13	25.19 1.09 -0.62	21.77 1.00 -0.02	20.52 0.91 -0.02	17.81 0.78 -0.02	12.62 0.58 -0.02	13.47 0.63 -0.01	14.22 0.77 -0.01	48.57 0.95 -33.49	39.59 0.74 -28.51	39.53 0.97 -25.21	42.40 1.37 -23.60	44.76 1.65 -22.80	39.69 2.11 -10.57	43.82 1.98 -14.68	21.79 1.51 0.56	34.40 1.98 0.00	69.76 3.59 0.00	189.65 8.38 0.00	40.46 1.89 0.00	32.27 1.52 -1.72	68.88 1.24 -47.54
BLISS_WT_PWR 323608	21.27 -0.84 0.32	17.75 -0.63 0.53	23.82 -0.72 0.30	22.50 -0.78 0.20	19.89 -0.59 0.26	18.49 -0.41 0.69	16.54 -0.40 0.07	11.56 -0.39 0.06	12.48 -0.30 0.05	13.16 -0.27 0.00	14.13 0.00 0.00	10.01 -0.33 0.00	12.86 -0.49 0.00	15.56 -0.77 1.10	9.78 -0.65 9.88	-0.28 -0.62 26.66	1.64 -0.77 24.76	17.01 -1.01 2.82	30.90 -1.32 0.19	63.10 -2.26 0.81	175.89 -4.65 0.73	36.60 -1.31 0.66	28.00 -1.03 0.00	19.63 -0.47 0.00
BLUESTONE___WT_PWR 323821	22.62 0.20 0.00	19.22 0.31 0.00	25.24 0.41 0.00	23.83 0.36 0.00	21.10 0.36 0.00	20.05 0.46 0.00	17.49 0.47 0.00	12.32 0.30 0.00	13.20 0.37 0.00	13.81 0.37 0.00	14.48 0.35 0.00	10.41 0.08 0.00	13.39 0.04 0.00	16.39 0.03 1.08	10.60 0.02 9.72	0.97 0.21 26.23	3.04 0.24 24.36	18.33 0.26 2.78	33.18 0.76 0.00	67.76 1.59 0.00	185.03 3.76 0.00	39.37 0.80 0.00	29.77 0.74 0.00	20.61 0.51 0.00
BLUE_CIRC_CHEM_DRP 24182	22.63 0.21 0.00	19.11 0.19 0.00	25.06 0.22 0.00	23.71 0.23 0.00	20.95 0.21 0.00	19.77 0.18 0.00	17.11 0.10 0.00	12.08 0.07 0.00	12.86 0.03 0.00	13.43 -0.01 0.00	14.11 -0.02 0.00	10.35 0.01 0.00	13.39 0.04 0.00	17.35 0.08 0.16	18.97 0.10 1.44	23.20 0.09 3.88	23.69 0.12 3.60	20.60 0.16 0.41	32.65 0.24 0.00	66.69 0.52 0.00	182.14 0.87 0.00	38.76 0.19 0.00	29.17 0.14 0.00	20.27 0.17 0.00
BOC_GAS_DRP 24189	22.52 0.09 0.00	19.01 0.09 0.00	24.92 0.08 0.00	23.60 0.12 0.00	20.84 0.10 0.00	19.66 0.07 0.00	17.04 0.02 0.00	12.06 0.04 0.00	12.85 0.03 0.00	13.44 0.01 0.00	14.14 0.00 0.00	10.38 0.04 0.00	13.42 0.07 0.00	17.40 0.12 0.16	19.07 0.16 1.40	23.37 0.15 3.78	23.79 0.13 3.51	20.59 0.15 0.40	32.59 0.18 0.00	66.44 0.27 0.00	181.52 0.25 0.00	38.65 0.08 0.00	29.09 0.06 0.00	20.21 0.11 0.00
BOONVILLE_115KV_TB1 79983	22.34 -0.09 0.00	18.85 -0.07 0.00	24.82 -0.02 0.00	23.53 0.06 0.00	20.77 0.03 0.00	19.62 0.03 0.00	17.06 0.05 0.00	12.05 0.04 0.00	12.86 0.04 0.00	13.43 -0.01 0.00	14.03 -0.10 0.00	10.21 -0.13 0.00	13.15 -0.19 0.00	16.41 -0.28 0.74	13.28 -0.40 6.64	8.59 -0.51 17.90	10.21 -0.33 16.62	18.75 -0.20 1.90	32.36 -0.05 0.00	66.53 0.35 0.00	183.43 2.16 0.00	39.07 0.50 0.00	29.34 0.31 0.00	20.20 0.10 0.00
BORALEX_4TH_BRANCH 23824	22.90 0.48 0.00	19.41 0.49 0.00	25.38 0.54 0.00	23.96 0.48 0.00	21.14 0.40 0.00	19.97 0.38 0.00	17.29 0.28 0.00	12.25 0.24 0.00	13.00 0.17 0.00	13.52 0.09 0.00	14.10 -0.03 0.00	10.40 0.06 0.00	13.52 0.17 0.00	17.49 0.20 0.15	19.23 0.29 1.37	23.50 0.21 3.70	23.78 0.06 3.44	20.70 0.25 0.39	33.02 0.60 0.00	67.58 1.41 0.00	183.84 2.57 0.00	39.12 0.55 0.00	29.42 0.39 0.00	20.49 0.38 0.00
BOWLINE___1 23526	23.03 0.61 0.00	19.38 0.46 0.00	25.37 0.53 0.00	24.10 0.63 0.00	21.31 0.57 0.00	20.07 0.48 0.00	17.45 0.44 0.00	12.37 0.35 0.00	13.24 0.42 0.00	13.97 0.53 0.00	14.73 0.59 0.00	10.82 0.48 0.00	13.97 0.62 0.00	18.09 0.89 0.23	19.37 1.09 2.04	22.92 1.41 5.49	23.41 1.34 5.10	21.32 1.06 0.58	33.78 1.37 0.00	68.63 2.46 0.00	187.81 6.54 0.00	39.96 1.39 0.00	30.01 0.98 0.00	20.80 0.70 0.00
BOWLINE___2 23595	23.03 0.61 0.00	19.38 0.46 0.00	25.37 0.53 0.00	24.10 0.63 0.00	21.31 0.57 0.00	20.07 0.48 0.00	17.45 0.44 0.00	12.37 0.35 0.00	13.24 0.42 0.00	13.97 0.53 0.00	14.73 0.59 0.00	10.82 0.48 0.00	13.97 0.62 0.00	18.09 0.89 0.23	19.37 1.09 2.04	22.92 1.41 5.49	23.41 1.34 5.10	21.32 1.06 0.58	33.78 1.37 0.00	68.63 2.46 0.00	187.81 6.54 0.00	39.96 1.39 0.00	30.01 0.98 0.00	20.80 0.70 0.00
BRADY___115KV_TB2 356060	22.79 0.37 0.00	19.20 0.28 0.00	25.35 0.51 0.00	23.81 0.34 0.00	21.02 0.28 0.00	19.89 0.31 0.00	17.35 0.34 0.00	12.24 0.22 0.00	13.03 0.20 0.00	13.60 0.16 0.00	14.12 -0.01 0.00	10.44 0.11 0.00	13.47 0.13 0.00	17.21 0.05 0.27	17.83 -0.05 2.43	20.37 -0.06 6.56	21.12 0.05 6.09	20.07 -0.08 0.69	32.47 0.05 0.00	66.20 0.03 0.00	182.32 1.05 0.00	39.05 0.48 0.00	29.43 0.40 0.00	20.22 0.12 0.00
BRANSCOMB___SOLAR 323811	22.96 0.53 0.00	19.41 0.50 0.00	25.42 0.58 0.00	24.01 0.54 0.00	21.20 0.46 0.00	20.02 0.43 0.00	17.31 0.30 0.00	12.24 0.22 0.00	12.95 0.13 0.00	13.49 0.05 0.00	14.10 -0.03 0.00	10.38 0.04 0.00	13.43 0.08 0.00	17.38 0.10 0.15	19.15 0.19 1.35	23.73 0.37 3.63	24.21 0.42 3.37	20.87 0.41 0.38	33.21 0.79 0.00	68.06 1.90 0.00	185.81 4.54 0.00	39.52 0.94 0.00	29.60 0.57 0.00	20.55 0.45 0.00
BRDGHMPT_69_KV_BK1 55812	13.63 1.75 10.55	15.86 1.26 4.31	25.17 1.63 1.29	24.94 1.58 0.11	22.24 1.50 0.00	21.04 1.46 0.00	18.35 1.35 0.00	13.01 1.00 0.00	13.89 1.07 0.00	14.69 1.26 0.00	9.49 1.44 6.08	6.27 1.10 5.17	10.22 1.44 4.57	16.37 2.03 3.09	22.57 2.46 0.20	26.76 3.23 3.47	27.72 3.20 2.64	22.84 2.56 0.56	35.98 3.57 0.00	73.02 6.85 0.00	198.48 17.21 0.00	42.06 3.49 0.00	31.50 2.64 0.17	18.15 2.04 3.98



BRENTWOD_69_KV_W. BRTWOOD 56703	15.47 1.39 8.35	16.54 1.04 3.41	25.09 1.28 1.02	24.62 1.24 0.09	21.90 1.16 0.00	20.63 1.05 0.00	17.91 0.91 0.00	12.69 0.68 0.00	13.54 0.72 0.00	14.29 0.85 0.00	10.33 1.01 4.81	7.04 0.79 4.09	10.78 1.04 3.62	16.71 1.50 2.22	22.75 1.84 -0.61	26.41 2.39 2.97	27.41 2.28 2.03	22.03 1.75 0.56	34.69 2.27 0.00	70.46 4.29 0.00	192.11 10.84 0.00	40.88 2.31 0.00	30.70 1.78 0.11	19.26 1.45 2.30
BRISTLHL_115KV_TB1 79998	21.48 -0.94 0.00	18.12 -0.80 0.00	23.82 -1.02 0.00	22.52 -0.95 0.00	19.90 -0.84 0.00	18.80 -0.79 0.00	16.33 -0.68 0.00	11.48 -0.53 0.00	12.25 -0.58 0.00	12.82 -0.61 0.00	13.50 -0.62 0.00	9.81 -0.52 0.00	12.66 -0.69 0.00	13.95 -0.91 2.57	-3.79 -1.02 23.09	-36.61 -1.33 62.28	-32.01 -1.32 57.85	13.25 -1.00 6.59	31.01 -1.40 0.00	63.58 -2.59 0.00	174.94 -6.33 0.00	37.16 -1.42 0.00	27.94 -1.08 0.00	19.38 -0.72 0.00
BROOKHAVEN___DRP 24191	13.21 1.39 10.61	15.60 1.02 4.34	24.78 1.24 1.30	24.55 1.19 0.11	21.88 1.15 0.00	20.63 1.05 0.00	17.93 0.92 0.00	12.71 0.69 0.00	13.54 0.72 0.00	14.29 0.86 0.00	9.02 1.00 6.11	5.92 0.79 5.20	9.79 1.04 4.60	15.81 1.49 3.12	21.93 1.84 0.22	25.89 2.37 3.48	26.80 2.30 2.66	22.11 1.83 0.56	34.79 2.37 0.00	70.65 4.47 0.00	192.51 11.24 0.00	40.93 2.36 0.00	30.68 1.83 0.17	17.57 1.49 4.03
BROOKLYN_NAVY_YARD 23515	23.19 0.77 0.00	19.49 0.58 0.00	25.48 0.64 0.00	24.23 0.75 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.47 0.46 0.00	13.37 0.55 0.00	14.12 0.68 0.00	14.88 0.75 0.00	10.93 0.59 0.00	14.12 0.77 0.00	18.28 1.07 0.22	19.69 1.31 1.92	23.31 1.66 5.35	23.77 1.57 4.97	21.52 1.24 0.57	34.01 1.60 0.00	68.98 2.81 0.00	188.46 7.19 0.00	40.16 1.59 0.00	30.18 1.16 0.00	20.93 0.83 0.00
BROOKLYN___ARMY_DRP 323595	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.01 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.89 -0.01	11.02 0.69 0.00	14.22 0.87 0.22	18.43 1.21 1.98	19.83 1.50 1.98	23.53 1.88 5.35	24.03 1.83 4.97	21.74 1.47 0.56	34.32 1.91 0.00	69.63 3.46 0.00	190.36 9.09 0.00	40.58 2.00 0.00	30.51 1.48 0.00	21.16 1.06 0.00
BROOME_2_LFGE 323671	22.04 -0.38 0.00	18.59 -0.32 0.00	24.51 -0.33 0.00	23.16 -0.31 0.00	20.45 -0.29 0.00	19.35 -0.24 0.00	16.79 -0.23 0.00	11.80 -0.22 0.00	12.62 -0.20 0.00	13.22 -0.21 0.00	13.99 -0.14 0.00	10.13 -0.20 0.00	13.06 -0.29 0.00	15.82 -0.37 1.24	8.76 -0.41 11.14	-3.55 -0.49 30.06	-1.31 -0.42 27.92	17.24 -0.42 3.18	31.84 -0.58 0.00	65.23 -0.94 0.00	179.05 -2.22 0.00	37.98 -0.59 0.00	28.60 -0.42 0.00	19.91 -0.19 0.00
BROOME___LFGE 323600	22.04 -0.38 0.00	18.59 -0.32 0.00	24.51 -0.33 0.00	23.16 -0.31 0.00	20.45 -0.29 0.00	19.35 -0.24 0.00	16.79 -0.23 0.00	11.80 -0.22 0.00	12.62 -0.20 0.00	13.22 -0.21 0.00	13.99 -0.14 0.00	10.13 -0.20 0.00	13.06 -0.29 0.00	15.82 -0.37 1.24	8.76 -0.41 11.14	-3.55 -0.49 30.06	-1.31 -0.56 27.92	17.24 -0.42 3.18	31.84 -0.58 0.00	65.23 -0.94 0.00	179.05 -2.22 0.00	37.98 -0.59 0.00	28.60 -0.42 0.00	19.91 -0.19 0.00
BROWNFLS_115KV_TB 3_5 80003	21.85 -0.58 0.00	18.43 -0.48 0.00	24.37 -0.47 0.00	23.03 -0.45 0.00	20.29 -0.45 0.00	19.17 -0.41 0.00	16.73 -0.29 0.00	11.81 -0.20 0.00	12.58 -0.24 0.00	13.12 -0.32 0.00	13.62 -0.51 0.00	9.99 -0.35 0.00	12.87 -0.48 0.00	15.99 -0.72 0.72	12.86 -0.99 6.46	8.25 -1.32 17.43	9.82 -1.16 16.19	18.07 -0.93 1.85	31.29 -1.13 0.00	64.44 -1.73 0.00	178.09 -3.18 0.00	38.11 -0.46 0.00	28.65 -0.38 0.00	19.60 -0.50 0.00
BROWNSV1_27_KV_LOAD 356125	23.42 0.99 0.00	19.68 0.77 0.00	25.71 0.87 0.00	24.44 0.97 0.00	21.63 0.89 0.00	20.36 0.77 0.00	17.73 0.72 0.00	12.59 0.57 0.00	13.50 0.67 0.00	14.25 0.81 0.00	15.03 0.90 0.00	11.04 0.70 0.00	14.26 0.91 0.00	18.47 1.26 0.22	19.85 1.52 1.98	23.60 1.95 5.35	24.06 1.86 4.97	21.76 1.48 0.56	34.39 1.98 0.00	69.74 3.58 0.00	190.63 9.36 0.00	40.62 2.04 0.00	30.51 1.48 0.00	21.15 1.05 0.00
BURROWS___LYONSDAL 23803	22.18 -0.25 0.00	18.72 -0.19 0.00	24.68 -0.15 0.00	23.42 -0.06 0.00	20.66 -0.09 0.00	19.51 -0.07 0.00	16.98 -0.03 0.00	11.99 -0.02 0.00	12.80 -0.03 0.00	13.35 -0.08 0.00	13.93 -0.20 0.00	10.14 -0.20 0.00	13.06 -0.29 0.00	16.23 -0.41 0.79	12.60 -0.59 7.12	7.02 -0.76 19.21	8.75 -0.57 17.84	18.41 -0.40 2.03	32.12 -0.30 0.00	66.14 -0.03 0.00	182.72 1.45 0.00	38.95 0.38 0.00	29.23 0.20 0.00	20.08 -0.02 0.00
CAITHNESS_CC_1 323624	13.09 1.33 10.66	15.54 0.98 4.36	24.71 1.18 1.30	24.49 1.13 0.11	21.83 1.09 0.00	20.58 1.00 0.00	17.89 0.88 0.00	12.67 0.66 0.00	13.51 0.69 0.00	14.26 0.82 0.00	8.96 0.97 6.14	5.88 0.77 5.23	9.74 1.01 4.62	15.75 1.45 3.13	21.88 1.81 0.24	25.82 2.32 3.49	26.72 2.23 2.68	22.03 1.76 0.56	34.66 2.24 0.00	70.38 4.21 0.00	191.80 10.53 0.00	40.79 2.22 0.00	30.59 1.74 0.17	17.47 1.44 4.07
CALPINE BETH_PAGE_GT4 24209	37.69 1.23 -14.03	25.60 0.95 -5.74	27.72 1.16 -1.72	24.76 1.13 -0.15	21.80 1.05 -0.01	20.55 0.95 -0.01	17.84 0.82 -0.01	12.63 0.61 -0.01	13.49 0.66 -0.01	14.24 0.80 -0.01	23.18 0.97 -8.08	17.98 0.76 -6.88	20.43 1.00 -6.08	25.50 1.42 -6.64	30.88 1.73 -8.84	31.38 2.23 -2.16	33.54 2.09 -4.29	21.87 1.59 0.56	34.50 2.08 0.00	69.94 3.77 0.00	190.08 8.82 0.00	40.49 1.92 0.00	31.07 1.52 -0.53	36.40 1.30 -15.00
CALPINE_BETH_PAGE_GT_4 323586	37.69 1.23 -14.03	25.60 0.95 -5.74	27.71 1.16 -1.72	24.76 1.13 -0.15	21.79 1.05 -0.01	20.55 0.95 -0.01	17.84 0.82 -0.01	12.63 0.61 -0.01	13.49 0.66 -0.01	14.24 0.80 -0.01	23.18 0.96 -8.08	17.98 0.76 -6.88	20.43 1.00 -6.08	25.50 1.42 -6.64	30.90 1.74 -8.84	31.39 2.24 -2.16	33.55 2.09 -4.29	21.87 1.59 0.56	34.49 2.08 0.00	69.93 3.76 0.00	190.06 8.79 0.00	40.49 1.92 0.00	31.06 1.51 -0.53	36.41 1.31 -15.00
CALPINE_BP_GT1 23823	37.69 1.23 -14.03	25.60 0.95 -5.74	27.71 1.16 -1.72	24.76 1.13 -0.15	21.79 1.05 -0.01	20.55 0.95 -0.01	17.84 0.82 -0.01	12.63 0.61 -0.01	13.49 0.66 -0.01	14.24 0.80 -0.01	23.18 0.96 -8.08	17.98 0.76 -6.88	20.43 1.00 -6.08	25.50 1.42 -6.64	30.90 1.74 -8.84	31.39 2.24 -2.16	33.55 2.09 -4.29	21.87 1.59 0.56	34.49 2.08 0.00	69.93 3.76 0.00	190.06 8.79 0.00	40.49 1.92 0.00	31.06 1.51 -0.53	36.41 1.31 -15.00
CALSPAN___DRP 24200	21.34 -1.08 0.00	18.04 -0.87 0.00	23.80 -1.04 0.00	22.39 -1.09 0.00	19.78 -0.96 0.00	18.85 -0.74 0.00	16.40 -0.61 0.00	11.42 -0.60 0.00	12.28 -0.55 0.00	12.91 -0.52 0.00	13.89 -0.24 0.00	9.82 -0.52 0.00	12.62 -0.73 0.00	15.24 -1.11 1.08	9.62 -1.00 9.69	-0.23 -1.07 26.16	1.73 -1.14 24.29	16.73 -1.34 2.77	30.54 -1.87 0.00	62.79 -3.38 0.00	173.35 -7.92 0.00	36.57 -2.00 0.00	27.64 -1.39 0.00	19.38 -0.72 0.00

CALVERTON___SOLAR 323806	13.28 1.45 10.59	15.66 1.07 4.33	24.84 1.30 1.30	24.61 1.25 0.11	21.94 1.20 0.00	20.69 1.11 0.00	17.99 0.98 0.00	12.75 0.73 0.00	13.58 0.76 0.00	14.33 0.90 0.00	9.08 1.05 6.10	5.97 0.82 5.20	9.84 1.08 4.59	15.87 1.55 3.11	22.01 1.92 0.21	26.00 2.48 3.48	26.91 2.41 2.66	22.19 1.91 0.56	34.93 2.51 0.00	70.97 4.80 0.00	193.30 12.03 0.00	41.09 2.52 0.00	30.80 1.95 0.17	17.66 1.58 4.02
CANDIGU_WT_PWR 323617	21.67 -0.97 -0.22	18.54 -0.74 -0.37	24.16 -0.89 -0.21	22.72 -0.89 -0.14	20.15 -0.77 -0.18	19.47 -0.59 -0.48	16.47 -0.59 -0.05	11.43 -0.63 -0.04	12.23 -0.63 -0.03	12.80 -0.63 0.00	13.69 -0.44 0.00	9.80 -0.53 0.00	12.61 -0.74 0.00	15.19 -1.04 1.20	8.44 -1.07 10.80	-3.42 -1.29 29.13	-1.27 -1.38 27.05	16.55 -1.21 3.08	31.00 -1.56 -0.13	64.32 -2.41 -0.56	176.30 -5.48 -0.50	37.63 -1.40 -0.46	28.07 -0.96 0.00	19.63 -0.47 0.00
CARR STREET_E_SYR 24060	21.80 -0.63 0.00	18.38 -0.53 0.00	24.17 -0.67 0.00	22.85 -0.63 0.00	20.19 -0.56 0.00	19.10 -0.49 0.00	16.57 -0.45 0.00	11.65 -0.37 0.00	12.43 -0.39 0.00	13.02 -0.42 0.00	13.73 -0.40 0.00	9.97 -0.37 0.00	12.87 -0.48 0.00	14.63 -0.63 2.17	0.06 -0.69 19.56	-26.65 -0.89 52.76	-22.73 -0.89 49.00	14.59 -0.67 5.58	31.41 -1.01 0.00	64.25 -1.92 0.00	176.60 -4.67 0.00	37.50 -1.07 0.00	28.24 -0.79 0.00	19.68 -0.43 0.00
CARTHAGE___PAPER 23857	21.92 -0.50 0.00	18.52 -0.39 0.00	24.49 -0.35 0.00	23.26 -0.22 0.00	20.43 -0.31 0.00	19.34 -0.24 0.00	16.88 -0.13 0.00	11.91 -0.10 0.00	12.67 -0.15 0.00	13.16 -0.28 0.00	13.61 -0.52 0.00	9.90 -0.43 0.00	12.75 -0.61 0.00	15.23 -0.88 1.31	7.28 -1.21 11.82	-6.51 -1.61 31.90	-3.86 -1.40 29.63	16.41 -1.05 3.38	31.36 -1.05 0.00	65.27 -0.90 0.00	182.05 0.78 0.00	38.89 0.32 0.00	29.15 0.13 0.00	19.88 -0.22 0.00
CASSADAGA_WT_PWR 323784	21.52 -0.59 0.31	17.90 -0.49 0.52	24.11 -0.44 0.29	22.77 -0.51 0.19	20.06 -0.43 0.25	18.63 -0.28 0.67	16.70 -0.25 0.07	11.65 -0.31 0.06	12.56 -0.22 0.04	13.24 -0.20 0.00	14.22 0.09 0.00	10.08 -0.26 0.00	12.94 -0.41 0.00	15.67 -0.67 1.09	9.89 -0.59 9.84	-0.14 -0.61 26.53	1.77 -0.76 24.64	17.11 -0.93 2.81	31.06 -1.16 0.19	63.48 -1.91 0.79	176.88 -3.69 0.71	36.63 -1.30 0.64	28.06 -0.97 0.00	19.68 -0.42 0.00
CE_DUNWOOD___DRP 24194	23.17 0.74 0.00	19.49 0.58 0.00	25.50 0.66 0.00	24.21 0.74 0.00	21.42 0.68 0.00	20.17 0.58 0.00	17.54 0.53 0.00	12.44 0.42 0.00	13.32 0.49 0.00	14.05 0.61 0.00	14.81 0.68 0.00	10.89 0.55 0.00	14.06 0.71 0.00	18.20 0.99 0.22	19.54 1.21 1.98	23.20 1.56 5.35	23.68 1.49 4.97	21.46 1.19 0.56	33.97 1.56 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.15 1.57 0.00	30.15 1.13 0.00	20.91 0.81 0.00
CE_MILLWOOD___DRP 24193	23.12 0.70 0.00	19.45 0.54 0.00	25.46 0.62 0.00	24.17 0.70 0.00	21.38 0.64 0.00	20.13 0.54 0.00	17.51 0.49 0.00	12.41 0.40 0.00	13.29 0.46 0.00	14.01 0.58 0.00	14.77 0.65 0.00	10.86 0.52 0.00	14.02 0.67 0.00	18.16 0.95 0.22	19.48 1.16 1.99	23.12 1.50 5.37	23.60 1.42 4.99	21.41 1.13 0.57	33.91 1.49 0.00	68.84 2.67 0.00	188.25 6.98 0.00	40.07 1.50 0.00	30.09 1.07 0.00	20.87 0.77 0.00
CE_NYC2_DRP 24202	23.33 0.90 0.00	19.61 0.70 0.00	25.60 0.76 0.00	24.36 0.88 0.00	21.56 0.82 0.00	20.30 0.71 0.00	17.69 0.68 -0.01	12.57 0.54 -0.01	13.47 0.64 -0.01	14.22 0.78 -0.01	14.99 0.85 -0.01	10.99 0.66 0.00	14.19 0.84 0.00	18.38 1.17 0.22	19.77 1.44 1.98	23.44 1.80 5.35	23.92 1.72 4.97	21.69 1.41 0.56	34.20 1.79 0.00	69.38 3.22 0.00	189.66 8.39 0.00	40.42 1.85 0.00	30.37 1.34 0.00	21.08 0.98 0.00
CE_NYC_DRP 24195	23.26 0.84 0.00	19.56 0.65 0.00	25.56 0.72 0.00	24.30 0.83 0.00	21.51 0.77 0.00	20.25 0.67 0.00	17.63 0.62 0.00	12.52 0.50 0.00	13.42 0.60 0.00	14.17 0.73 0.00	14.94 0.81 0.00	10.97 0.63 0.00	14.17 0.82 0.00	18.35 1.14 0.22	19.71 1.38 1.98	23.42 1.77 5.35	23.88 1.68 4.97	21.62 1.34 0.56	34.17 1.75 0.00	69.28 3.11 0.00	189.29 8.03 0.00	40.33 1.76 0.00	30.30 1.27 0.00	21.01 0.91 0.00
CHAFFEE___LFGE 323603	21.17 -0.97 0.29	17.66 -0.77 0.48	23.66 -0.91 0.27	22.33 -0.96 0.18	19.65 -0.85 0.24	18.32 -0.64 0.63	16.42 -0.53 0.06	11.43 -0.54 0.06	12.30 -0.48 0.04	12.97 -0.46 0.00	13.95 -0.18 0.00	9.86 -0.47 0.00	12.68 -0.67 0.00	15.30 -1.04 1.09	9.58 -0.94 9.79	-0.39 -0.98 26.41	1.58 -1.06 24.53	16.81 -1.23 2.80	30.58 -1.66 0.18	62.49 -2.95 0.73	173.92 -6.69 0.66	36.21 -1.76 0.60	27.81 -1.21 0.00	19.48 -0.62 0.00
CHATEAUG_35_KV_LOAD 355732	22.58 0.15 0.00	19.07 0.15 0.00	25.03 0.19 0.00	23.53 0.05 0.00	20.79 0.04 0.00	19.70 0.11 0.00	17.18 0.17 0.00	12.16 0.14 0.00	12.99 0.16 0.00	13.60 0.16 0.00	14.30 0.17 0.00	10.50 0.16 0.00	13.53 0.18 0.00	17.39 0.14 0.18	18.75 0.07 1.64	22.63 0.05 4.42	23.10 0.04 4.10	20.27 -0.11 0.47	32.27 -0.15 0.00	66.01 -0.16 0.00	181.59 0.32 0.00	38.81 0.23 0.00	29.21 0.18 0.00	19.99 -0.11 0.00
CHATEAUG_WT_PWR 323614	22.56 0.14 0.00	19.05 0.14 0.00	25.02 0.18 0.00	23.52 0.05 0.00	20.78 0.04 0.00	19.68 0.10 0.00	17.16 0.15 0.00	12.17 0.15 0.00	12.99 0.16 0.00	13.61 0.17 0.00	14.31 0.18 0.00	10.51 0.17 0.00	13.54 0.19 0.00	17.43 0.16 0.16	18.99 0.10 1.43	23.23 0.08 3.85	23.66 0.07 3.58	20.36 -0.07 0.41	32.30 -0.12 0.00	65.97 -0.20 0.00	181.41 0.14 0.00	38.75 0.18 0.00	29.16 0.14 0.00	19.99 -0.11 0.00
CHAT_HIGH_FALL_HYD 323578	22.58 0.15 0.00	19.07 0.15 0.00	25.03 0.19 0.00	23.53 0.05 0.00	20.79 0.04 0.00	19.70 0.11 0.00	17.18 0.17 0.00	12.16 0.14 0.00	12.99 0.16 0.00	13.60 0.16 0.00	14.30 0.17 0.00	10.50 0.16 0.00	13.53 0.18 0.00	17.39 0.14 0.18	18.75 0.07 1.64	22.63 0.05 4.42	23.10 0.04 4.10	20.27 -0.11 0.47	32.27 -0.15 0.00	66.01 -0.16 0.00	181.59 0.32 0.00	38.81 0.23 0.00	29.21 0.18 0.00	19.99 -0.11 0.00
CHAUTAUQUA___LFGE 323629	21.29 -0.84 0.30	17.72 -0.69 0.50	23.84 -0.72 0.28	22.51 -0.78 0.19	19.81 -0.69 0.25	18.42 -0.52 0.65	16.51 -0.44 0.06	11.50 -0.46 0.06	12.39 -0.39 0.04	13.06 -0.37 0.00	14.05 -0.08 0.00	9.95 -0.39 0.00	12.78 -0.57 0.00	15.47 -0.88 1.08	9.72 -0.83 9.76	-0.23 -0.89 26.34	1.67 -1.04 24.46	16.92 -1.13 2.79	30.70 -1.54 0.18	62.72 -2.69 0.76	174.68 -5.90 0.68	36.27 -1.68 0.62	27.84 -1.19 0.00	19.55 -0.55 0.00
CHERRYST_13_KV_LD 356241	23.32 0.89 0.00	19.61 0.69 0.00	25.63 0.79 0.00	24.36 0.88 0.00	21.56 0.82 0.00	20.30 0.71 0.00	17.68 0.67 0.00	12.55 0.53 0.00	13.46 0.63 0.00	14.21 0.77 0.00	14.98 0.85 0.00	11.00 0.66 0.00	14.21 0.86 0.00	18.40 1.19 0.22	19.77 1.45 1.98	23.50 1.85 5.35	23.95 1.76 4.97	21.67 1.40 0.56	34.26 1.85 0.00	69.48 3.31 0.00	189.80 8.53 0.00	40.44 1.87 0.00	30.38 1.35 0.00	21.06 0.96 0.00

CHESTROR_138KV_BK263 355645	22.93 0.50 0.00	19.30 0.38 0.00	25.29 0.45 0.00	24.01 0.53 0.00	21.23 0.48 0.00	19.99 0.40 0.00	17.37 0.36 0.00	12.31 0.29 0.00	13.15 0.33 0.00	13.86 0.42 0.00	14.60 0.47 0.00	10.72 0.39 0.00	13.84 0.49 0.00	17.91 0.71 0.23	19.08 0.88 2.11	22.45 1.15 5.70	22.97 1.09 5.29	21.12 0.88 0.60	33.56 1.15 0.00	68.26 2.09 0.00	186.82 5.54 0.00	39.75 1.18 0.00	29.85 0.83 0.00	20.69 0.59 0.00
CH_MIDHUDSON___DRP 24192	23.13 0.71 0.00	19.47 0.55 0.00	25.50 0.66 0.00	24.19 0.72 0.00	21.39 0.66 0.00	20.15 0.56 0.00	17.51 0.50 0.00	12.40 0.39 0.00	13.26 0.43 0.00	13.96 0.52 0.00	14.71 0.58 0.00	10.81 0.47 0.00	13.96 0.61 0.00	18.08 0.87 0.22	19.41 1.04 1.94	23.11 1.36 5.24	23.60 1.30 4.87	21.34 1.06 0.55	33.87 1.45 0.00	68.85 2.68 0.00	188.24 6.97 0.00	40.07 1.49 0.00	30.10 1.07 0.00	20.87 0.77 0.00
CH_MISC_IPPS 23765	23.23 0.80 0.00	19.54 0.63 0.00	25.59 0.75 0.00	24.29 0.81 0.00	21.48 0.74 0.00	20.23 0.64 0.00	17.59 0.58 0.00	12.46 0.44 0.00	13.31 0.49 0.00	14.02 0.59 0.00	14.77 0.65 0.00	10.85 0.51 0.00	14.02 0.67 0.00	18.16 0.95 0.22	19.49 1.16 1.98	23.18 1.52 5.34	23.67 1.46 4.96	21.45 1.18 0.56	34.06 1.64 0.00	69.25 3.08 0.00	189.44 8.17 0.00	40.29 1.72 0.00	30.25 1.22 0.00	20.97 0.86 0.00
CH_RES_BVR_FALLS 23983	22.27 -0.16 0.00	18.76 -0.15 0.00	24.67 -0.17 0.00	23.33 -0.15 0.00	20.63 -0.11 0.00	19.48 -0.11 0.00	16.94 -0.08 0.00	11.98 -0.03 0.00	12.79 -0.03 0.00	13.40 -0.04 0.00	14.08 -0.05 0.00	10.31 -0.03 0.00	13.31 -0.04 0.00	17.24 -0.08 0.12	19.10 -0.13 1.08	23.88 -0.19 2.92	24.32 -0.14 2.71	20.39 -0.14 0.31	32.23 -0.19 0.00	65.79 -0.38 0.00	180.31 -0.96 0.00	38.40 -0.18 0.00	28.90 -0.12 0.00	19.97 -0.13 0.00
CH_RES_NIAGARA 23895	20.71 -1.71 0.00	17.53 -1.38 0.00	23.11 -1.73 0.00	21.72 -1.75 0.00	19.17 -1.56 0.00	18.30 -1.28 0.00	15.95 -1.06 0.00	11.10 -0.91 0.00	11.95 -0.87 0.00	12.59 -0.84 0.00	13.64 -0.49 0.00	9.61 -0.73 0.00	12.35 -1.00 0.00	14.85 -1.53 1.05	9.37 -1.47 9.47	-0.20 -1.65 25.55	1.76 -1.68 23.73	16.30 -1.84 2.70	29.64 -2.78 0.00	60.64 -5.52 0.00	167.40 -13.87 0.00	35.35 -3.22 0.00	26.80 -2.23 0.00	18.83 -1.28 0.00
CH_RES_SYRACUSE 23985	21.80 -0.62 0.00	18.39 -0.52 0.00	24.19 -0.65 0.00	22.84 -0.63 0.00	20.19 -0.55 0.00	19.08 -0.51 0.00	16.57 -0.44 0.00	11.64 -0.38 0.00	12.42 -0.41 0.00	13.00 -0.43 0.00	13.71 -0.42 0.00	9.96 -0.38 0.00	12.86 -0.49 0.00	14.50 -0.65 2.28	-0.93 -0.71 20.52	-29.31 -0.94 55.36	-25.17 -0.91 51.42	14.30 -0.68 5.86	31.51 -0.91 0.00	64.56 -1.61 0.00	177.45 -3.82 0.00	37.70 -0.88 0.00	28.33 -0.70 0.00	19.67 -0.43 0.00
CLINTON_WT_PWR 323605	22.56 0.14 0.00	19.05 0.14 0.00	25.02 0.18 0.00	23.52 0.05 0.00	20.78 0.04 0.00	19.68 0.10 0.00	17.16 0.15 0.00	12.17 0.15 0.00	12.99 0.16 0.00	13.61 0.17 0.00	14.31 0.18 0.00	10.51 0.17 0.00	13.54 0.19 0.00	17.43 0.16 0.16	18.99 0.10 1.43	23.23 0.08 3.85	23.66 0.07 3.58	20.36 -0.07 0.41	32.30 -0.12 0.00	65.97 -0.20 0.00	181.41 0.14 0.00	38.75 0.18 0.00	29.16 0.14 0.00	19.99 -0.11 0.00
CLINTON___LFGE 323618	22.81 0.38 0.00	19.27 0.35 0.00	25.27 0.43 0.00	23.74 0.27 0.00	20.99 0.25 0.00	19.86 0.28 0.00	17.32 0.31 0.00	12.28 0.27 0.00	13.10 0.27 0.00	13.71 0.27 0.00	14.47 0.34 0.00	10.61 0.27 0.00	13.66 0.31 0.00	17.57 0.31 0.16	19.10 0.28 1.48	23.31 0.32 4.00	23.72 0.27 3.72	20.56 0.14 0.42	32.68 0.27 0.00	66.76 0.60 0.00	183.58 2.31 0.00	39.21 0.64 0.00	29.47 0.44 0.00	20.21 0.10 0.00
COBBLENY_34_KV_TB1 80064	21.45 -0.97 0.00	18.14 -0.77 0.00	23.93 -0.91 0.00	22.51 -0.96 0.00	19.89 -0.85 0.00	18.95 -0.64 0.00	16.48 -0.53 0.00	11.48 -0.54 0.00	12.34 -0.49 0.00	12.97 -0.46 0.00	13.95 -0.18 0.00	9.86 -0.47 0.00	12.68 -0.67 0.00	15.30 -1.04 1.09	9.61 -0.91 9.79	-0.36 -0.94 26.41	1.61 -1.03 24.53	16.81 -1.24 2.80	30.74 -1.68 0.00	63.20 -2.97 0.00	174.52 -6.75 0.00	36.80 -1.77 0.00	27.81 -1.21 0.00	19.48 -0.61 0.00
COFFEEN___115KV_TB3 355620	21.85 -0.58 0.00	18.44 -0.47 0.00	24.37 -0.47 0.00	23.17 -0.30 0.00	20.34 -0.40 0.00	19.27 -0.32 0.00	16.82 -0.20 0.00	11.86 -0.16 0.00	12.63 -0.19 0.00	13.09 -0.34 0.00	13.50 -0.63 0.00	9.79 -0.55 0.00	12.59 -0.76 0.00	14.81 -1.09 1.54	5.06 -1.42 13.83	-12.23 -1.90 37.32	-9.21 -1.72 34.66	15.58 -1.32 3.95	31.01 -1.41 0.00	64.84 -1.32 0.00	182.09 0.82 0.00	38.89 0.31 0.00	29.13 0.10 0.00	19.84 -0.26 0.00
COLDSPRG_115KV_BK1 355956	22.07 -0.35 0.00	18.66 -0.25 0.00	24.70 -0.14 0.00	23.26 -0.22 0.00	20.58 -0.16 0.00	19.55 -0.04 0.00	16.96 -0.05 0.00	11.85 -0.16 0.00	12.74 -0.08 0.00	13.39 -0.05 0.00	14.34 0.21 0.00	10.16 -0.18 0.00	13.06 -0.29 0.00	15.83 -0.50 1.10	10.01 -0.35 9.95	-0.11 -0.26 26.83	1.79 -0.46 24.93	17.27 -0.73 2.84	31.53 -0.89 0.00	64.90 -1.27 0.00	179.37 -1.90 0.00	37.72 -0.85 0.00	28.40 -0.62 0.00	19.92 -0.18 0.00
COLONIE_LFGE___ 323577	22.70 0.28 0.00	19.19 0.28 0.00	25.13 0.29 0.00	23.75 0.27 0.00	20.97 0.23 0.00	19.79 0.20 0.00	17.14 0.13 0.00	12.14 0.12 0.00	12.90 0.07 0.00	13.45 0.01 0.00	14.08 -0.05 0.00	10.36 0.01 0.00	13.42 0.07 0.00	17.37 0.09 0.15	19.11 0.15 1.35	23.50 0.15 3.65	23.92 0.14 3.39	20.66 0.20 0.39	32.82 0.40 0.00	67.08 0.91 0.00	182.94 1.67 0.00	38.94 0.37 0.00	29.24 0.22 0.00	20.33 0.23 0.00
COOPERNY_115KV_TB1 80082	22.73 0.31 0.00	19.14 0.22 0.00	25.11 0.27 0.00	23.81 0.33 0.00	21.05 0.31 0.00	19.83 0.25 0.00	17.24 0.22 0.00	12.20 0.18 0.00	13.04 0.21 0.00	13.71 0.27 0.00	14.44 0.31 0.00	10.59 0.25 0.00	13.66 0.31 0.00	17.62 0.46 0.27	18.45 0.57 2.43	21.17 0.73 6.55	21.77 0.69 6.09	20.71 0.56 0.69	33.14 0.72 0.00	67.48 1.31 0.00	184.77 3.51 0.00	39.31 0.73 0.00	29.53 0.51 0.00	20.48 0.38 0.00
COPENHAGEN_WT_PWR 323753	21.62 -0.81 0.00	18.26 -0.65 0.00	24.15 -0.69 0.00	23.01 -0.46 0.00	20.18 -0.56 0.00	19.10 -0.49 0.00	16.69 -0.32 0.00	11.78 -0.23 0.00	12.57 -0.25 0.00	13.06 -0.38 0.00	13.52 -0.61 0.00	9.80 -0.53 0.00	12.61 -0.74 0.00	14.77 -1.07 1.60	4.51 -1.43 14.37	-13.69 -1.92 38.76	-10.57 -1.73 36.00	15.40 -1.34 4.10	30.98 -1.44 0.00	64.59 -1.58 0.00	180.62 -0.64 0.00	38.57 0.00 0.00	28.92 -0.11 0.00	19.67 -0.43 0.00
CORNELL_____ 23752	22.26 -0.16 0.00	18.77 -0.15 0.00	24.70 -0.14 0.00	23.33 -0.15 0.00	20.64 -0.11 0.00	19.52 -0.07 0.00	16.94 -0.07 0.00	11.88 -0.14 0.00	12.66 -0.16 0.00	13.23 -0.20 0.00	13.93 -0.20 0.00	10.07 -0.27 0.00	12.98 -0.37 0.00	15.39 -0.47 1.57	5.69 -0.52 14.11	-11.68 -0.62 38.06	-8.81 -0.62 35.35	16.38 -0.44 4.03	32.05 -0.37 0.00	66.13 -0.05 0.00	182.22 0.95 0.00	38.69 0.12 0.00	29.08 0.06 0.00	20.19 0.09 0.00

CORONA_69_KV_TB1 355595	150.77 1.12 -127.23	71.80 0.89 -52.00	41.54 1.10 -15.60	25.94 1.09 -1.36	21.80 1.00 -0.05	20.55 0.91 -0.05	17.85 0.78 -0.05	12.64 0.58 -0.05	13.50 0.63 -0.04	14.25 0.79 -0.03	88.39 0.96 -73.30	73.50 0.75 -62.40	69.49 0.98 -55.17	69.42 1.36 -50.62	68.62 1.63 -46.68	54.33 2.11 -25.23	61.89 1.97 -32.76	21.77 1.50 0.56	34.37 1.95 0.00	69.68 3.51 0.00	189.93 8.66 0.00	40.50 1.92 0.00	34.16 1.49 -3.64	121.30 1.23 -99.97
CORTLAND_115KV_TB3 80093	22.15 -0.27 0.00	18.68 -0.23 0.00	24.59 -0.25 0.00	23.24 -0.23 0.00	20.54 -0.21 0.00	19.42 -0.16 0.00	16.85 -0.16 0.00	11.84 -0.17 0.00	12.64 -0.18 0.00	13.22 -0.21 0.00	13.92 -0.21 0.00	10.10 -0.24 0.00	13.02 -0.33 0.00	15.32 -0.42 1.70	4.60 -0.45 15.26	-14.72 -0.56 41.16	-11.64 -0.58 38.23	16.08 -0.41 4.36	31.95 -0.47 0.00	65.60 -0.56 0.00	180.48 -0.79 0.00	38.33 -0.24 0.00	28.83 -0.20 0.00	20.02 -0.08 0.00
COXSACKIE___GT 23611	23.23 0.80 0.00	19.58 0.67 0.00	25.66 0.82 0.00	24.27 0.80 0.00	21.45 0.71 0.00	20.25 0.67 0.00	17.55 0.53 0.00	12.37 0.36 0.00	13.08 0.26 0.00	13.60 0.16 0.00	14.24 0.11 0.00	10.45 0.12 0.00	13.53 0.18 0.00	17.51 0.26 0.17	19.08 0.31 1.54	23.29 0.46 4.16	23.79 0.49 3.86	21.08 0.68 0.44	33.66 1.25 0.00	68.84 2.67 0.00	188.02 6.75 0.00	40.02 1.45 0.00	30.03 1.00 0.00	20.81 0.71 0.00
CPV_VALLEY___CC1 323721	22.78 0.36 0.00	19.17 0.26 0.00	25.13 0.29 0.00	23.85 0.37 0.00	21.09 0.35 0.00	19.87 0.28 0.00	17.26 0.25 0.00	12.24 0.22 0.00	13.08 0.25 0.00	13.78 0.34 0.00	14.51 0.38 0.00	10.67 0.33 0.00	13.75 0.40 0.00	17.77 0.59 0.25	18.81 0.73 2.23	21.93 0.95 6.01	22.47 0.89 5.58	20.92 0.71 0.63	33.31 0.89 0.00	67.72 1.55 0.00	185.36 4.10 0.00	39.45 0.87 0.00	29.63 0.61 0.00	20.55 0.45 0.00
CPV_VALLEY___CC2 323722	22.78 0.36 0.00	19.17 0.26 0.00	25.13 0.29 0.00	23.85 0.37 0.00	21.09 0.35 0.00	19.87 0.28 0.00	17.26 0.25 0.00	12.24 0.22 0.00	13.08 0.25 0.00	13.78 0.34 0.00	14.51 0.38 0.00	10.67 0.33 0.00	13.75 0.40 0.00	17.77 0.59 0.25	18.81 0.73 2.23	21.93 0.95 6.01	22.47 0.89 5.58	20.92 0.71 0.63	33.31 0.89 0.00	67.72 1.55 0.00	185.36 4.10 0.00	39.45 0.87 0.00	29.63 0.61 0.00	20.55 0.45 0.00
CRESCENT___HYD 24018	22.70 0.28 0.00	19.19 0.28 0.00	25.13 0.29 0.00	23.75 0.27 0.00	20.97 0.23 0.00	19.79 0.20 0.00	17.14 0.13 0.00	12.14 0.12 0.00	12.90 0.07 0.00	13.45 0.01 0.00	14.08 -0.05 0.00	10.36 0.01 0.00	13.42 0.07 0.00	17.37 0.09 0.15	19.11 0.15 1.35	23.50 0.15 3.65	23.92 0.14 3.39	20.66 0.20 0.39	32.82 0.40 0.00	67.08 0.91 0.00	182.94 1.67 0.00	38.94 0.37 0.00	29.24 0.22 0.00	20.33 0.23 0.00
CRICKET___VALLEY_CC1 323756	22.98 0.55 0.00	19.34 0.43 0.00	25.33 0.49 0.00	24.03 0.56 0.00	21.26 0.51 0.00	20.02 0.43 0.00	17.40 0.38 0.00	12.31 0.30 0.00	13.16 0.34 0.00	13.87 0.44 0.00	14.63 0.50 0.00	10.75 0.41 0.00	13.89 0.53 0.00	17.98 0.76 0.21	19.34 0.92 1.88	23.07 1.16 5.08	23.54 1.10 4.72	21.19 0.88 0.54	33.56 1.15 0.00	68.21 2.05 0.00	186.40 5.13 0.00	39.69 1.12 0.00	29.82 0.79 0.00	20.69 0.59 0.00
CRICKET___VALLEY_CC2 323757	22.98 0.55 0.00	19.34 0.43 0.00	25.33 0.49 0.00	24.03 0.56 0.00	21.26 0.51 0.00	20.02 0.43 0.00	17.40 0.38 0.00	12.31 0.30 0.00	13.16 0.34 0.00	13.87 0.44 0.00	14.63 0.50 0.00	10.75 0.41 0.00	13.89 0.53 0.00	17.98 0.76 0.21	19.34 0.92 1.88	23.07 1.16 5.08	23.54 1.10 4.72	21.19 0.88 0.54	33.56 1.15 0.00	68.21 2.05 0.00	186.40 5.13 0.00	39.69 1.12 0.00	29.82 0.79 0.00	20.69 0.59 0.00
CRICKET___VALLEY_CC3 323758	22.98 0.55 0.00	19.34 0.43 0.00	25.33 0.49 0.00	24.03 0.56 0.00	21.26 0.51 0.00	20.02 0.43 0.00	17.40 0.38 0.00	12.31 0.30 0.00	13.16 0.34 0.00	13.87 0.44 0.00	14.63 0.50 0.00	10.75 0.41 0.00	13.89 0.53 0.00	17.98 0.76 0.21	19.34 0.92 1.88	23.07 1.16 5.08	23.54 1.10 4.72	21.19 0.88 0.54	33.56 1.15 0.00	68.21 2.05 0.00	186.40 5.13 0.00	39.69 1.12 0.00	29.82 0.79 0.00	20.69 0.59 0.00
CRUCIBLE_METL_DRP 24180	21.80 -0.62 0.00	18.39 -0.52 0.00	24.18 -0.66 0.00	22.84 -0.63 0.00	20.19 -0.55 0.00	19.08 -0.51 0.00	16.57 -0.44 0.00	11.64 -0.38 0.00	12.42 -0.41 0.00	13.00 -0.43 0.00	13.71 -0.42 0.00	9.96 -0.38 0.00	12.86 -0.49 0.00	14.50 -0.65 2.28	-0.93 -0.71 20.52	-29.29 -0.93 55.36	-25.16 -0.90 51.42	14.30 -0.68 5.86	31.51 -0.91 0.00	64.56 -1.61 0.00	177.45 -3.82 0.00	37.69 -0.88 0.00	28.33 -0.70 0.00	19.68 -0.43 0.00
DAHOWA___HYDRO 323763	23.02 0.59 0.00	19.46 0.55 0.00	25.49 0.65 0.00	24.07 0.59 0.00	21.24 0.50 0.00	20.06 0.48 0.00	17.35 0.34 0.00	12.27 0.25 0.00	12.98 0.16 0.00	13.52 0.08 0.00	14.12 -0.01 0.00	10.40 0.06 0.00	13.45 0.10 0.00	17.41 0.13 0.15	19.19 0.22 1.35	23.78 0.42 3.63	24.27 0.47 3.37	20.92 0.46 0.38	33.33 0.91 0.00	68.33 2.16 0.00	186.51 5.24 0.00	39.63 1.05 0.00	29.67 0.64 0.00	20.59 0.49 0.00
DANC___LFGE 323619	21.61 -0.82 0.00	18.25 -0.67 0.00	24.08 -0.76 0.00	22.87 -0.61 0.00	20.11 -0.63 0.00	19.01 -0.58 0.00	16.57 -0.45 0.00	11.68 -0.34 0.00	12.46 -0.37 0.00	12.98 -0.46 0.00	13.53 -0.60 0.00	9.82 -0.51 0.00	12.65 -0.70 0.00	14.52 -0.98 1.92	1.76 -1.24 17.31	-21.37 -1.67 46.70	-17.77 -1.57 43.37	14.70 -1.20 4.94	31.00 -1.41 0.00	64.24 -1.93 0.00	178.55 -2.72 0.00	38.08 -0.49 0.00	28.60 -0.42 0.00	19.60 -0.50 0.00
DANSKAMMER___1 23586	23.23 0.80 0.00	19.54 0.63 0.00	25.59 0.75 0.00	24.29 0.81 0.00	21.48 0.74 0.00	20.23 0.64 0.00	17.59 0.58 0.00	12.46 0.44 0.00	13.31 0.49 0.00	14.02 0.59 0.00	14.77 0.65 0.00	10.85 0.51 0.00	14.02 0.67 0.00	18.16 0.95 0.22	19.49 1.16 1.98	23.18 1.52 5.34	23.67 1.46 4.96	21.45 1.18 0.56	34.06 1.64 0.00	69.25 3.08 0.00	189.44 8.17 0.00	40.29 1.72 0.00	30.25 1.22 0.00	20.97 0.86 0.00
DANSKAMMER___2 23589	23.23 0.80 0.00	19.54 0.63 0.00	25.59 0.75 0.00	24.29 0.81 0.00	21.48 0.74 0.00	20.23 0.64 0.00	17.59 0.58 0.00	12.46 0.44 0.00	13.31 0.49 0.00	14.02 0.59 0.00	14.77 0.65 0.00	10.85 0.51 0.00	14.02 0.67 0.00	18.16 0.95 0.22	19.49 1.16 1.98	23.18 1.52 5.34	23.67 1.46 4.96	21.45 1.18 0.56	34.06 1.64 0.00	69.25 3.08 0.00	189.44 8.17 0.00	40.29 1.72 0.00	30.25 1.22 0.00	20.97 0.86 0.00
DANSKAMMER___3 23590	23.23 0.80 0.00	19.54 0.63 0.00	25.59 0.75 0.00	24.29 0.81 0.00	21.48 0.74 0.00	20.23 0.64 0.00	17.59 0.58 0.00	12.46 0.44 0.00	13.31 0.49 0.00	14.02 0.59 0.00	14.77 0.65 0.00	10.85 0.51 0.00	14.02 0.67 0.00	18.16 0.95 0.22	19.49 1.16 1.98	23.18 1.52 5.34	23.67 1.46 4.96	21.45 1.18 0.56	34.06 1.64 0.00	69.25 3.08 0.00	189.44 8.17 0.00	40.29 1.72 0.00	30.25 1.22 0.00	20.97 0.86 0.00

DANSKAMMER___4 23591	23.23 0.80 0.00	19.54 0.63 0.00	25.59 0.75 0.00	24.29 0.81 0.00	21.48 0.74 0.00	20.23 0.64 0.00	17.59 0.58 0.00	12.46 0.44 0.00	13.31 0.49 0.00	14.02 0.59 0.00	14.77 0.65 0.00	10.85 0.51 0.00	14.02 0.67 0.00	18.16 0.95 0.22	19.49 1.16 1.98	23.18 1.52 5.34	23.67 1.46 4.96	21.45 1.18 0.56	34.06 1.64 0.00	69.25 3.08 0.00	189.44 8.17 0.00	40.29 1.72 0.00	30.25 1.22 0.00	20.97 0.86 0.00
DANSKAMMER___DIESEL 23592	23.23 0.81 0.00	19.54 0.63 0.00	25.59 0.75 0.00	24.29 0.81 0.00	21.48 0.74 0.00	20.23 0.64 0.00	17.59 0.58 0.00	12.46 0.44 0.00	13.31 0.49 0.00	14.02 0.59 0.00	14.77 0.65 0.00	10.85 0.51 0.00	14.02 0.67 0.00	18.16 0.95 0.22	19.48 1.15 1.98	23.17 1.51 5.34	23.67 1.46 4.96	21.46 1.18 0.56	34.06 1.65 0.00	69.25 3.08 0.00	189.46 8.19 0.00	40.29 1.72 0.00	30.25 1.22 0.00	20.97 0.86 0.00
DARBY___SOLAR 323810	22.97 0.55 0.00	19.42 0.51 0.00	25.44 0.60 0.00	24.03 0.55 0.00	21.21 0.47 0.00	20.03 0.44 0.00	17.32 0.31 0.00	12.24 0.23 0.00	12.97 0.14 0.00	13.50 0.06 0.00	14.11 -0.02 0.00	10.38 0.04 0.00	13.44 0.09 0.00	17.39 0.10 0.15	19.16 0.20 1.35	23.73 0.36 3.63	24.22 0.43 3.37	20.88 0.42 0.38	33.24 0.83 0.00	68.12 1.95 0.00	185.94 4.67 0.00	39.53 0.96 0.00	29.61 0.58 0.00	20.55 0.45 0.00
DASHVILLE___HYD 23610	23.19 0.76 0.00	19.50 0.59 0.00	25.53 0.69 0.00	24.24 0.77 0.00	21.44 0.70 0.00	20.19 0.60 0.00	17.55 0.54 0.00	12.44 0.42 0.00	13.31 0.48 0.00	14.04 0.60 0.00	14.80 0.67 0.00	10.88 0.54 0.00	14.04 0.69 0.00	18.21 1.00 0.21	19.59 1.21 1.92	23.37 1.56 5.18	23.80 1.45 4.81	21.47 1.17 0.55	34.07 1.65 0.00	69.21 3.04 0.00	189.27 8.01 0.00	40.26 1.69 0.00	30.23 1.21 0.00	20.94 0.84 0.00
DELAWARE___LFGE 323621	22.67 0.24 0.00	19.11 0.19 0.00	25.13 0.29 0.00	23.78 0.31 0.00	21.03 0.29 0.00	19.86 0.27 0.00	17.24 0.22 0.00	12.17 0.16 0.00	13.02 0.19 0.00	13.65 0.22 0.00	14.37 0.23 0.00	10.47 0.14 0.00	13.50 0.15 0.00	16.98 0.23 0.68	14.43 0.27 6.15	10.76 0.37 16.60	12.14 0.39 15.42	19.42 0.34 1.76	32.93 0.52 0.00	67.21 1.04 0.00	184.01 2.74 0.00	39.14 0.57 0.00	29.44 0.41 0.00	20.41 0.31 0.00
DERFIELD_115KV_TB7 355931	22.31 -0.11 0.00	18.82 -0.09 0.00	24.71 -0.13 0.00	23.38 -0.09 0.00	20.66 -0.08 0.00	19.51 -0.08 0.00	16.93 -0.09 0.00	11.96 -0.06 0.00	12.76 -0.06 0.00	13.37 -0.07 0.00	14.05 -0.08 0.00	10.28 -0.06 0.00	13.27 -0.08 0.00	17.13 -0.08 0.22	18.28 -0.10 1.94	21.65 -0.12 5.23	22.20 -0.11 4.85	20.22 -0.07 0.55	32.31 -0.10 0.00	65.98 -0.19 0.00	180.73 -0.54 0.00	38.46 -0.11 0.00	28.94 -0.09 0.00	20.05 -0.05 0.00
DOGLEVILLE___HYD 23807	22.04 -0.39 0.00	18.60 -0.31 0.00	24.42 -0.42 0.00	23.13 -0.35 0.00	20.43 -0.31 0.00	19.26 -0.33 0.00	16.66 -0.35 0.00	11.75 -0.26 0.00	12.49 -0.34 0.00	12.95 -0.48 0.00	13.42 -0.72 0.00	9.81 -0.52 0.00	12.71 -0.64 0.00	16.45 -0.76 0.22	17.53 -0.85 1.94	21.00 -0.76 5.23	21.68 -0.63 4.85	19.97 -0.32 0.55	31.94 -0.48 0.00	65.78 -0.39 0.00	179.82 -1.44 0.00	38.16 -0.41 0.00	28.68 -0.34 0.00	19.91 -0.19 0.00
DUNKIRK___115KV_TB_200 55889	21.55 -0.87 0.00	18.19 -0.72 0.00	24.10 -0.74 0.00	22.66 -0.81 0.00	20.03 -0.71 0.00	19.04 -0.55 0.00	16.55 -0.47 0.00	11.54 -0.47 0.00	12.42 -0.41 0.00	13.04 -0.39 0.00	14.03 -0.10 0.00	9.94 -0.40 0.00	12.77 -0.58 0.00	15.45 -0.90 1.08	9.73 -0.82 9.76	-0.18 -0.86 26.32	1.69 -1.03 24.44	16.90 -1.15 2.79	30.83 -1.59 0.00	63.39 -2.78 0.00	175.02 -6.25 0.00	36.84 -1.74 0.00	27.81 -1.22 0.00	19.53 -0.57 0.00
DUNKIRK___1 23563	21.55 -0.87 0.00	18.19 -0.72 0.00	24.10 -0.74 0.00	22.66 -0.81 0.00	20.03 -0.71 0.00	19.04 -0.55 0.00	16.55 -0.47 0.00	11.54 -0.47 0.00	12.42 -0.41 0.00	13.04 -0.39 0.00	14.03 -0.10 0.00	9.94 -0.40 0.00	12.77 -0.58 0.00	15.45 -0.90 1.08	9.73 -0.82 9.76	-0.18 -0.86 26.32	1.69 -1.03 24.44	16.90 -1.15 2.79	30.83 -1.59 0.00	63.39 -2.78 0.00	175.02 -6.25 0.00	36.84 -1.74 0.00	27.81 -1.22 0.00	19.53 -0.57 0.00
DUNKIRK___2 23564	21.55 -0.87 0.00	18.19 -0.72 0.00	24.10 -0.74 0.00	22.66 -0.81 0.00	20.03 -0.71 0.00	19.04 -0.55 0.00	16.55 -0.47 0.00	11.54 -0.47 0.00	12.42 -0.41 0.00	13.04 -0.39 0.00	14.03 -0.10 0.00	9.94 -0.40 0.00	12.77 -0.58 0.00	15.45 -0.90 1.08	9.73 -0.82 9.76	-0.18 -0.86 26.32	1.69 -1.03 24.44	16.90 -1.15 2.79	30.83 -1.59 0.00	63.39 -2.78 0.00	175.02 -6.25 0.00	36.84 -1.74 0.00	27.81 -1.22 0.00	19.53 -0.57 0.00
DUNKIRK___3 23565	21.46 -0.96 0.00	18.13 -0.78 0.00	23.98 -0.85 0.00	22.56 -0.92 0.00	19.94 -0.80 0.00	18.96 -0.63 0.00	16.48 -0.54 0.00	11.49 -0.52 0.00	12.36 -0.46 0.00	12.99 -0.45 0.00	13.97 -0.16 0.00	9.89 -0.45 0.00	12.71 -0.64 0.00	15.38 -0.97 1.08	9.69 -0.89 9.73	-0.20 -0.95 26.24	1.69 -1.10 24.37	16.84 -1.23 2.78	30.70 -1.71 0.00	63.12 -3.05 0.00	174.23 -7.04 0.00	36.70 -1.87 0.00	27.71 -1.31 0.00	19.46 -0.64 0.00
DUNKIRK___4 23566	21.46 -0.96 0.00	18.13 -0.78 0.00	23.98 -0.85 0.00	22.56 -0.92 0.00	19.94 -0.80 0.00	18.96 -0.63 0.00	16.48 -0.54 0.00	11.49 -0.52 0.00	12.36 -0.46 0.00	12.99 -0.45 0.00	13.97 -0.16 0.00	9.89 -0.45 0.00	12.71 -0.64 0.00	15.38 -0.97 1.08	9.69 -0.89 9.73	-0.20 -0.95 26.24	1.69 -1.10 24.37	16.84 -1.23 2.78	30.70 -1.71 0.00	63.12 -3.05 0.00	174.23 -7.04 0.00	36.70 -1.87 0.00	27.71 -1.31 0.00	19.46 -0.64 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.23 0.81 0.00	19.55 0.63 0.00	25.56 0.72 0.00	24.25 0.78 0.00	21.46 0.72 0.00	20.20 0.61 0.00	17.57 0.55 0.00	12.46 0.44 0.00	13.34 0.52 0.00	14.07 0.64 0.00	14.85 0.72 0.00	10.91 0.57 0.00	14.10 0.75 0.00	18.26 1.05 0.22	19.60 1.27 1.98	23.28 1.64 5.35	23.77 1.57 4.97	21.52 1.24 0.56	34.05 1.64 0.00	69.11 2.94 0.00	188.89 7.62 0.00	40.22 1.65 0.00	30.21 1.19 0.00	20.97 0.86 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.08 0.65 0.00	19.41 0.50 0.00	25.43 0.59 0.00	24.14 0.67 0.00	21.35 0.61 0.00	20.11 0.52 0.00	17.47 0.46 0.00	12.38 0.36 0.00	13.23 0.41 0.00	13.94 0.51 0.00	14.69 0.56 0.00	10.80 0.46 0.00	13.94 0.58 0.00	18.04 0.84 0.23	19.30 1.03 2.04	22.84 1.35 5.50	23.35 1.29 5.11	21.30 1.04 0.58	33.82 1.40 0.00	68.77 2.60 0.00	188.20 6.93 0.00	40.03 1.46 0.00	30.06 1.03 0.00	20.83 0.73 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.30 0.87 0.00	19.59 0.67 0.00	25.53 0.70 0.00	24.32 0.85 0.00	21.52 0.78 0.00	20.25 0.67 0.00	17.66 0.64 -0.01	12.54 0.52 -0.01	13.43 0.60 -0.01	14.18 0.74 -0.01	14.94 0.80 -0.01	10.96 0.62 0.00	14.14 0.79 0.00	18.33 1.12 0.22	19.70 1.37 1.98	23.35 1.70 5.35	23.84 1.64 4.97	21.61 1.33 0.56	34.11 1.70 0.00	69.26 3.09 0.00	189.39 8.12 0.00	40.36 1.79 0.00	30.33 1.31 0.00	21.04 0.94 0.00

E179THST_13_KV_LOAD 356214	23.37 0.95 0.00	19.65 0.73 0.00	25.62 0.78 0.00	24.39 0.92 0.00	21.58 0.84 0.00	20.32 0.73 0.00	17.72 0.70 -0.01	12.58 0.56 -0.01	13.48 0.64 -0.01	14.23 0.79 -0.01	15.00 0.86 -0.01	11.01 0.67 0.00	14.19 0.84 0.00	18.40 1.19 0.22	19.78 1.45 1.98	23.46 1.81 5.35	23.95 1.75 4.97	21.69 1.42 0.56	34.25 1.83 0.00	69.55 3.38 0.00	190.20 8.93 0.00	40.53 1.96 0.00	30.45 1.43 0.00	21.12 1.02 0.00
EAST HAMPTON___GT 23717	13.64 1.77 10.55	15.82 1.22 4.31	25.18 1.64 1.29	24.99 1.63 0.11	22.27 1.53 0.00	21.15 1.57 0.00	18.51 1.51 0.00	13.13 1.12 0.00	14.03 1.20 0.00	14.87 1.43 0.00	9.68 1.63 6.08	6.40 1.24 5.17	10.40 1.62 4.57	16.60 2.26 3.09	22.85 2.74 0.20	27.13 3.60 3.47	28.12 3.60 2.64	23.14 2.87 0.56	36.50 4.08 0.00	73.98 7.81 0.00	200.67 19.40 0.00	42.45 3.88 0.00	31.80 2.95 0.17	18.38 2.26 3.98
EAST RIVER___6 23660	23.25 0.82 0.00	19.55 0.63 0.00	25.55 0.71 0.00	24.29 0.81 0.00	21.50 0.76 0.00	20.23 0.64 0.00	17.62 0.61 0.00	12.51 0.49 0.00	13.41 0.58 0.00	14.16 0.73 0.00	14.93 0.80 0.00	10.97 0.63 0.00	14.17 0.82 0.00	18.35 1.14 0.22	19.72 1.39 1.98	23.42 1.77 5.35	23.88 1.68 4.97	21.61 1.33 0.56	34.16 1.74 0.00	69.25 3.08 0.00	189.22 7.95 0.00	40.32 1.75 0.00	30.29 1.26 0.00	21.00 0.90 0.00
EAST RIVER___7 23524	23.25 0.82 0.00	19.55 0.63 0.00	25.55 0.71 0.00	24.29 0.81 0.00	21.50 0.76 0.00	20.23 0.64 0.00	17.62 0.61 0.00	12.51 0.49 0.00	13.41 0.58 0.00	14.16 0.73 0.00	14.93 0.80 0.00	10.97 0.63 0.00	14.17 0.82 0.00	18.35 1.14 0.22	19.72 1.39 1.98	23.42 1.77 5.35	23.88 1.68 4.97	21.61 1.33 0.56	34.16 1.74 0.00	69.25 3.08 0.00	189.22 7.95 0.00	40.32 1.75 0.00	30.29 1.26 0.00	21.00 0.90 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.17 0.74 0.00	19.49 0.58 0.00	25.50 0.66 0.00	24.21 0.74 0.00	21.42 0.68 0.00	20.17 0.58 0.00	17.54 0.53 0.00	12.44 0.42 0.00	13.32 0.49 0.00	14.05 0.61 0.00	14.81 0.68 0.00	10.89 0.55 0.00	14.06 0.71 0.00	18.20 0.99 0.22	19.54 1.21 1.98	23.20 1.56 5.35	23.68 1.49 4.97	21.46 1.19 0.56	33.97 1.56 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.15 1.57 0.00	30.15 1.13 0.00	20.91 0.81 0.00
EAST_HAMPTON___DIESEL 23722	13.61 1.73 10.55	15.79 1.19 4.31	25.16 1.61 1.29	24.97 1.61 0.11	22.25 1.51 0.00	21.14 1.56 0.00	18.51 1.51 0.00	13.13 1.12 0.00	14.03 1.20 0.00	14.87 1.44 0.00	9.69 1.63 6.08	6.41 1.24 5.17	10.40 1.63 4.57	16.61 2.27 3.09	22.86 2.75 0.20	27.14 3.61 3.47	28.12 3.60 2.64	23.15 2.88 0.56	36.50 4.09 0.00	73.98 7.81 0.00	200.67 19.39 0.00	42.45 3.88 0.00	31.80 2.95 0.17	18.38 2.26 3.98
EAST_POINT___SOLAR 323840	23.39 0.97 0.00	19.67 0.76 0.00	25.94 1.10 0.00	24.48 1.01 0.00	21.70 0.96 0.00	20.53 0.95 0.00	17.80 0.79 0.00	12.51 0.49 0.00	13.28 0.45 0.00	13.64 0.20 0.00	13.93 -0.20 0.00	10.12 -0.21 0.00	13.02 -0.33 0.00	16.78 -0.43 0.22	17.84 -0.51 1.97	21.41 -0.28 5.30	23.03 0.78 4.93	21.22 0.94 0.56	33.16 0.74 0.00	69.25 3.08 0.00	191.64 10.37 0.00	40.78 2.21 0.00	30.59 1.57 0.00	21.09 0.99 0.00
EAST_PULASKI___ESR 323781	21.61 -0.82 0.00	18.23 -0.68 0.00	24.00 -0.84 0.00	22.73 -0.74 0.00	20.04 -0.70 0.00	18.94 -0.65 0.00	16.45 -0.56 0.00	11.58 -0.43 0.00	12.35 -0.47 0.00	12.90 -0.53 0.00	13.55 -0.58 0.00	9.84 -0.50 0.00	12.68 -0.67 0.00	14.20 -0.91 2.32	-1.61 -1.07 20.84	-30.67 -1.44 56.23	-26.47 -1.41 52.22	13.83 -1.06 5.95	31.04 -1.38 0.00	63.92 -2.25 0.00	176.65 -4.62 0.00	37.62 -0.95 0.00	28.29 -0.74 0.00	19.52 -0.58 0.00
EAST_RIVER___1 323558	23.26 0.84 0.00	19.56 0.65 0.00	25.56 0.72 0.00	24.30 0.83 0.00	21.51 0.77 0.00	20.25 0.66 0.00	17.63 0.62 0.00	12.52 0.50 0.00	13.42 0.60 0.00	14.17 0.73 0.00	14.94 0.81 0.00	10.97 0.63 0.00	14.17 0.82 0.00	18.36 1.14 0.22	19.72 1.39 1.98	23.43 1.78 5.35	23.89 1.69 4.97	21.61 1.34 0.56	34.16 1.74 0.00	69.28 3.10 0.00	189.29 8.02 0.00	40.33 1.76 0.00	30.30 1.27 0.00	21.01 0.91 0.00
EAST_RIVER___2 323559	23.25 0.82 0.00	19.55 0.63 0.00	25.55 0.71 0.00	24.29 0.81 0.00	21.50 0.76 0.00	20.23 0.64 0.00	17.62 0.61 0.00	12.51 0.49 0.00	13.41 0.58 0.00	14.16 0.73 0.00	14.93 0.80 0.00	10.97 0.63 0.00	14.17 0.82 0.00	18.35 1.14 0.22	19.72 1.39 1.98	23.42 1.77 5.35	23.88 1.68 4.97	21.61 1.33 0.56	34.16 1.74 0.00	69.25 3.08 0.00	189.22 7.95 0.00	40.32 1.75 0.00	30.29 1.26 0.00	21.00 0.90 0.00
EAST___DELAWARE_HYD 23607	22.77 0.34 0.00	19.15 0.23 0.00	25.08 0.24 0.00	23.81 0.33 0.00	21.05 0.31 0.00	19.83 0.24 0.00	17.24 0.23 0.00	12.21 0.19 0.00	13.03 0.21 0.00	13.70 0.27 0.00	14.41 0.28 0.00	10.59 0.25 0.00	13.66 0.31 0.00	17.69 0.50 0.24	18.82 0.65 2.14	22.03 0.81 5.78	22.53 0.73 5.37	20.88 0.65 0.61	33.30 0.88 0.00	67.86 1.69 0.00	185.84 4.58 0.00	39.52 0.95 0.00	29.66 0.63 0.00	20.54 0.43 0.00
EIGHT_POINT___WT_PWR 323820	21.49 -0.94 0.00	18.17 -0.75 0.00	24.00 -0.84 0.00	22.62 -0.85 0.00	19.96 -0.78 0.00	19.07 -0.52 0.00	16.46 -0.55 0.00	11.38 -0.63 0.00	12.21 -0.61 0.00	12.81 -0.63 0.00	13.72 -0.41 0.00	9.81 -0.53 0.00	12.61 -0.74 0.00	15.16 -1.05 1.22	8.27 -1.07 10.98	-3.88 -1.26 29.62	-1.62 -1.28 27.51	16.56 -1.15 3.14	31.06 -1.36 0.00	64.36 -1.81 0.00	177.72 -3.55 0.00	37.55 -1.02 0.00	28.28 -0.75 0.00	19.75 -0.36 0.00
ELBRIDGE_115KV_TB2 80188	21.63 -0.80 0.00	18.24 -0.67 0.00	24.00 -0.84 0.00	22.64 -0.83 0.00	20.03 -0.71 0.00	18.92 -0.67 0.00	16.44 -0.57 0.00	11.54 -0.48 0.00	12.32 -0.50 0.00	12.90 -0.53 0.00	13.61 -0.52 0.00	9.88 -0.46 0.00	12.75 -0.60 0.00	14.37 -0.79 2.28	-1.07 -0.89 20.49	-29.43 -1.16 55.27	-25.30 -1.13 51.33	14.10 -0.89 5.85	31.22 -1.20 0.00	63.99 -2.18 0.00	175.92 -5.35 0.00	37.38 -1.20 0.00	28.08 -0.95 0.00	19.51 -0.59 0.00
ELEC_TRO_TEK 24086	72.01 1.03 -48.56	39.56 0.80 -19.85	31.77 0.97 -5.95	24.97 0.98 -0.52	21.66 0.90 -0.02	20.42 0.81 -0.02	17.73 0.70 -0.02	12.56 0.53 -0.02	13.42 0.58 -0.01	14.18 0.73 -0.01	42.99 0.89 -27.97	34.86 0.71 -23.82	35.32 0.92 -21.06	39.19 1.30 -20.46	44.02 1.56 -22.15	39.51 2.00 -10.52	43.64 1.86 -14.61	21.68 1.41 0.56	34.23 1.81 0.00	69.41 3.24 0.00	189.16 7.89 0.00	40.32 1.75 0.00	31.91 1.37 -1.52	63.47 1.13 -42.23
ELLENBURG_WT_PWR 323604	22.56 0.14 0.00	19.05 0.14 0.00	25.02 0.18 0.00	23.52 0.05 0.00	20.78 0.04 0.00	19.68 0.10 0.00	17.16 0.15 0.00	12.17 0.15 0.00	12.99 0.16 0.00	13.61 0.17 0.00	14.31 0.18 0.00	10.51 0.17 0.00	13.54 0.19 0.00	17.43 0.16 0.16	18.99 0.10 1.43	23.23 0.08 3.85	23.66 0.07 3.58	20.36 -0.07 0.41	32.30 -0.12 0.00	65.97 -0.20 0.00	181.41 0.14 0.00	38.75 0.18 0.00	29.16 0.14 0.00	19.99 -0.11 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.22 -1.20 0.00	17.95 -0.97 0.00	23.67 -1.17 0.00	22.27 -1.21 0.00	19.67 -1.07 0.00	18.74 -0.85 0.00	16.32 -0.70 0.00	11.37 -0.65 0.00	12.22 -0.60 0.00	12.86 -0.58 0.00	13.84 -0.29 0.00	9.78 -0.56 0.00	12.57 -0.78 0.00	15.18 -1.19 1.07	9.64 -1.08 9.59	-0.06 -1.18 25.87	1.89 -1.25 24.03	16.67 -1.44 2.74	30.37 -2.05 0.00	62.37 -3.80 0.00	172.20 -9.07 0.00	36.33 -2.25 0.00	27.47 -1.56 0.00	19.27 -0.83 0.00
EMPIRE_CC_1 323656	22.54 0.12 0.00	19.06 0.15 0.00	24.94 0.10 0.00	23.58 0.11 0.00	20.83 0.09 0.00	19.65 0.06 0.00	17.00 -0.01 0.00	12.06 0.04 0.00	12.82 0.00 0.00	13.38 -0.06 0.00	14.01 -0.11 0.00	10.32 -0.02 0.00	13.38 0.03 0.00	17.31 0.04 0.16	18.92 0.06 1.46	23.03 -0.03 3.93	23.48 -0.04 3.65	20.44 0.02 0.42	32.43 0.01 0.00	66.15 -0.02 0.00	180.36 -0.91 0.00	38.42 -0.15 0.00	28.93 -0.10 0.00	20.15 0.05 0.00
EMPIRE_CC_2 323658	22.54 0.12 0.00	19.06 0.15 0.00	24.94 0.10 0.00	23.58 0.11 0.00	20.83 0.09 0.00	19.65 0.06 0.00	17.00 -0.01 0.00	12.06 0.04 0.00	12.82 0.00 0.00	13.38 -0.06 0.00	14.01 -0.11 0.00	10.32 -0.02 0.00	13.38 0.03 0.00	17.31 0.04 0.16	18.92 0.06 1.46	23.03 -0.03 3.93	23.48 -0.04 3.65	20.44 0.02 0.42	32.43 0.01 0.00	66.15 -0.02 0.00	180.36 -0.91 0.00	38.42 -0.15 0.00	28.93 -0.10 0.00	20.15 0.05 0.00
ENORWICH_115KV_TB1 80156	23.11 0.68 0.00	19.47 0.56 0.00	25.54 0.70 0.00	24.15 0.68 0.00	21.55 0.81 0.00	20.45 0.87 0.00	17.76 0.75 0.00	12.47 0.45 0.00	13.34 0.51 0.00	13.93 0.49 0.00	14.50 0.37 0.00	10.37 0.03 0.00	13.35 0.00 0.00	16.22 0.03 1.24	9.16 0.00 11.14	-2.85 0.22 30.06	-0.44 0.32 27.92	17.90 0.23 3.18	33.50 1.08 0.00	69.19 3.02 0.00	190.78 9.51 0.00	40.47 1.90 0.00	30.38 1.35 0.00	21.02 0.92 0.00
ERIE_ST__34_KV_TB1-2 80199	21.55 -0.87 0.00	18.21 -0.70 0.00	24.02 -0.81 0.00	22.60 -0.88 0.00	19.97 -0.77 0.00	19.02 -0.57 0.00	16.54 -0.48 0.00	11.53 -0.48 0.00	12.39 -0.43 0.00	13.02 -0.41 0.00	13.99 -0.14 0.00	9.89 -0.45 0.00	12.72 -0.64 0.00	15.38 -0.97 1.08	9.78 -0.81 9.72	-0.04 -0.80 26.23	1.91 -0.89 24.37	16.93 -1.14 2.78	30.87 -1.54 0.00	63.51 -2.66 0.00	175.30 -5.97 0.00	36.96 -1.62 0.00	27.89 -1.13 0.00	19.55 -0.55 0.00
ERIE_WT_PWR 323693	21.10 -1.06 0.26	17.63 -0.86 0.43	23.57 -1.03 0.25	22.24 -1.08 0.16	19.58 -0.95 0.21	18.30 -0.73 0.56	16.35 -0.61 0.06	11.38 -0.59 0.05	12.24 -0.54 0.04	12.91 -0.52 0.00	13.89 -0.24 0.00	9.82 -0.52 0.00	12.62 -0.73 0.00	15.24 -1.12 1.08	9.59 -1.03 9.69	-0.27 -1.11 26.16	1.71 -1.17 24.29	16.74 -1.33 2.77	30.42 -1.84 0.16	62.18 -3.33 0.66	172.96 -7.72 0.59	36.06 -1.98 0.54	27.66 -1.37 0.00	19.39 -0.71 0.00
ESPRGFLD_115KV_TB1 80157	23.07 0.65 0.00	19.41 0.50 0.00	25.59 0.75 0.00	24.19 0.71 0.00	21.43 0.69 0.00	20.27 0.68 0.00	17.62 0.61 0.00	12.42 0.40 0.00	13.29 0.47 0.00	13.93 0.49 0.00	14.61 0.48 0.00	10.59 0.25 0.00	13.60 0.24 0.00	17.36 0.30 0.37	17.33 0.31 3.30	18.62 0.51 8.89	19.73 0.82 8.25	20.57 0.67 0.94	33.39 0.97 0.00	68.50 2.33 0.00	188.39 7.12 0.00	40.13 1.56 0.00	30.17 1.15 0.00	20.83 0.73 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.24 -0.19 0.00	18.74 -0.17 0.00	24.67 -0.17 0.00	23.30 -0.17 0.00	20.61 -0.13 0.00	19.50 -0.09 0.00	16.92 -0.09 0.00	11.87 -0.14 0.00	12.65 -0.17 0.00	13.23 -0.21 0.00	13.92 -0.21 0.00	10.07 -0.27 0.00	12.98 -0.37 0.00	15.37 -0.46 1.59	5.47 -0.52 14.32	-12.25 -0.61 38.64	-9.34 -0.62 35.89	16.32 -0.44 4.09	32.02 -0.40 0.00	65.98 -0.19 0.00	181.71 0.44 0.00	38.59 0.01 0.00	29.00 -0.03 0.00	20.14 0.04 0.00
ETNA____115KV_TB2 80207	22.24 -0.19 0.00	18.74 -0.17 0.00	24.67 -0.17 0.00	23.30 -0.17 0.00	20.61 -0.13 0.00	19.50 -0.09 0.00	16.92 -0.09 0.00	11.87 -0.14 0.00	12.65 -0.17 0.00	13.23 -0.21 0.00	13.92 -0.21 0.00	10.07 -0.27 0.00	12.98 -0.37 0.00	15.37 -0.46 1.59	5.47 -0.52 14.32	-12.25 -0.61 38.64	-9.34 -0.62 35.89	16.32 -0.44 4.09	32.02 -0.40 0.00	65.98 -0.19 0.00	181.71 0.44 0.00	38.59 0.01 0.00	29.00 -0.03 0.00	20.14 0.04 0.00
EUCLID__115KV_TB2 356179	21.73 -0.70 0.00	18.32 -0.59 0.00	24.10 -0.74 0.00	22.77 -0.70 0.00	20.12 -0.62 0.00	19.03 -0.56 0.00	16.52 -0.49 0.00	11.62 -0.40 0.00	12.39 -0.43 0.00	12.98 -0.45 0.00	13.69 -0.44 0.00	9.95 -0.39 0.00	12.84 -0.51 0.00	14.54 -0.68 2.21	-0.31 -0.74 19.88	-27.59 -0.95 53.63	-23.60 -0.95 49.81	14.44 -0.73 5.68	31.38 -1.03 0.00	64.24 -1.93 0.00	176.60 -4.67 0.00	37.50 -1.07 0.00	28.22 -0.80 0.00	19.61 -0.49 0.00
E_CANADA_CAP_HY 24051	23.25 0.82 0.00	19.55 0.64 0.00	25.77 0.93 0.00	24.34 0.86 0.00	21.56 0.82 0.00	20.40 0.81 0.00	17.72 0.70 0.00	12.47 0.45 0.00	13.31 0.48 0.00	13.86 0.43 0.00	14.46 0.33 0.00	10.50 0.16 0.00	13.48 0.13 0.00	17.32 0.15 0.25	18.15 0.14 2.30	21.22 0.42 6.19	22.37 0.96 5.75	20.98 0.79 0.66	33.38 0.97 0.00	68.79 2.62 0.00	189.83 8.56 0.00	40.46 1.88 0.00	30.38 1.36 0.00	20.95 0.85 0.00
E_CANADA_MHWK_HY 24050	22.04 -0.39 0.00	18.60 -0.31 0.00	24.42 -0.42 0.00	23.13 -0.35 0.00	20.43 -0.31 0.00	19.25 -0.33 0.00	16.66 -0.35 0.00	11.75 -0.26 0.00	12.49 -0.34 0.00	12.95 -0.48 0.00	13.42 -0.72 0.00	9.81 -0.52 0.00	12.71 -0.64 0.00	16.45 -0.76 0.22	17.53 -0.84 1.94	21.00 -0.76 5.23	21.69 -0.63 4.85	19.97 -0.31 0.55	31.94 -0.48 0.00	65.78 -0.39 0.00	179.82 -1.45 0.00	38.16 -0.41 0.00	28.68 -0.34 0.00	19.91 -0.19 0.00
E_FISHKILL__LBMP 23776	23.02 0.60 0.00	19.38 0.46 0.00	25.37 0.53 0.00	24.08 0.60 0.00	21.29 0.55 0.00	20.05 0.46 0.00	17.43 0.42 0.00	12.35 0.33 0.00	13.21 0.38 0.00	13.91 0.48 0.00	14.66 0.53 0.00	10.77 0.43 0.00	13.91 0.56 0.00	18.02 0.80 0.21	19.35 0.97 1.93	23.02 1.24 5.22	23.50 1.18 4.85	21.25 0.96 0.55	33.67 1.26 0.00	68.42 2.25 0.00	187.08 5.81 0.00	39.82 1.25 0.00	29.92 0.89 0.00	20.75 0.65 0.00
FALCON__SEABRD_CC1 323796	22.81 0.39 0.00	19.28 0.36 0.00	25.29 0.45 0.00	23.77 0.29 0.00	21.01 0.27 0.00	19.87 0.28 0.00	17.33 0.32 0.00	12.29 0.28 0.00	13.11 0.28 0.00	13.73 0.29 0.00	14.47 0.34 0.00	10.63 0.29 0.00	13.69 0.34 0.00	17.61 0.35 0.16	19.19 0.33 1.45	23.43 0.36 3.92	23.83 0.31 3.64	20.60 0.17 0.41	32.68 0.26 0.00	66.76 0.59 0.00	183.39 2.13 0.00	39.16 0.59 0.00	29.46 0.43 0.00	20.22 0.12 0.00
FALCON__SEABRD_CC2 323797	22.81 0.39 0.00	19.28 0.36 0.00	25.29 0.45 0.00	23.77 0.29 0.00	21.01 0.27 0.00	19.87 0.28 0.00	17.33 0.32 0.00	12.29 0.28 0.00	13.11 0.28 0.00	13.73 0.29 0.00	14.47 0.34 0.00	10.63 0.29 0.00	13.69 0.34 0.00	17.61 0.35 0.16	19.19 0.33 1.45	23.43 0.36 3.92	23.83 0.31 3.64	20.60 0.17 0.41	32.68 0.26 0.00	66.76 0.59 0.00	183.39 2.13 0.00	39.16 0.59 0.00	29.46 0.43 0.00	20.22 0.12 0.00

FAR ROCKAWAY___4 23548	159.75 1.27 -136.06	75.53 1.01 -55.61	42.79 1.27 -16.68	26.18 1.24 -1.46	21.93 1.13 -0.06	20.67 1.03 -0.06	17.96 0.89 -0.06	12.72 0.65 -0.05	13.57 0.71 -0.04	14.34 0.87 -0.03	93.58 1.07 -78.38	77.90 0.83 -66.73	73.42 1.08 -58.99	72.72 1.49 -53.80	70.62 1.79 -48.53	55.51 2.31 -26.21	63.29 2.17 -33.96	21.93 1.65 0.56	34.62 2.21 0.00	70.20 4.03 0.00	191.33 10.06 0.00	40.78 2.20 0.00	34.59 1.70 -3.86	127.26 1.37 -105.79
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.27 0.85 0.00	19.57 0.66 0.00	25.58 0.74 0.00	24.31 0.84 0.00	21.52 0.78 0.00	20.25 0.67 0.00	17.64 0.63 0.00	12.52 0.51 0.00	13.43 0.60 0.00	14.18 0.75 0.00	14.95 0.82 0.00	10.98 0.64 0.00	14.17 0.83 0.00	18.36 1.15 0.22	19.72 1.39 1.98	23.42 1.78 5.35	23.89 1.69 4.97	21.63 1.35 0.56	34.18 1.77 0.00	69.29 3.12 0.00	189.37 8.10 0.00	40.35 1.78 0.00	30.32 1.29 0.00	21.02 0.92 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.25 0.82 0.00	19.56 0.65 0.00	25.57 0.73 0.00	24.31 0.83 0.00	21.52 0.78 0.00	20.25 0.67 0.00	17.64 0.63 0.00	12.52 0.50 0.00	13.42 0.60 0.00	14.17 0.74 0.00	14.94 0.81 0.00	10.97 0.63 0.00	14.17 0.82 0.00	18.35 1.14 0.22	19.71 1.38 1.98	23.41 1.77 5.35	23.87 1.67 4.97	21.61 1.34 0.56	34.17 1.75 0.00	69.28 3.11 0.00	189.32 8.05 0.00	40.34 1.77 0.00	30.31 1.28 0.00	21.02 0.92 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.26 0.84 0.00	19.56 0.65 0.00	25.56 0.72 0.00	24.30 0.83 0.00	21.51 0.77 0.00	20.25 0.67 0.00	17.64 0.62 0.00	12.52 0.50 0.00	13.42 0.60 0.00	14.17 0.74 0.00	14.94 0.81 0.00	10.97 0.63 0.00	14.17 0.82 0.00	18.35 1.14 0.22	19.71 1.38 1.98	23.41 1.77 5.35	23.87 1.67 4.97	21.61 1.33 0.56	34.16 1.75 0.00	69.27 3.10 0.00	189.26 7.99 0.00	40.33 1.75 0.00	30.30 1.27 0.00	21.01 0.91 0.00
FARRAGUT___LBMP 323566	23.25 0.82 0.00	19.55 0.64 0.00	25.55 0.71 0.00	24.29 0.81 0.00	21.50 0.76 0.00	20.23 0.65 0.00	17.62 0.61 0.00	12.51 0.49 0.00	13.41 0.59 0.00	14.16 0.73 0.00	14.93 0.80 0.00	10.96 0.63 0.00	14.16 0.81 0.00	18.34 1.13 0.22	19.69 1.37 1.98	23.39 1.74 5.35	23.85 1.65 4.97	21.59 1.32 0.56	34.13 1.72 0.00	69.21 3.05 0.00	189.12 7.84 0.00	40.30 1.73 0.00	30.28 1.25 0.00	21.00 0.90 0.00
FENNER___WINDPWR 24204	22.37 -0.06 0.00	18.84 -0.07 0.00	24.79 -0.04 0.00	23.46 -0.02 0.00	20.72 -0.02 0.00	19.60 0.01 0.00	17.01 0.00 0.00	11.99 -0.03 0.00	12.80 -0.02 0.00	13.38 -0.06 0.00	14.04 -0.09 0.00	10.20 -0.14 0.00	13.15 -0.20 0.00	15.73 -0.26 1.43	7.11 -0.30 12.91	-8.18 -0.37 34.81	-5.46 -0.30 32.33	17.01 -0.15 3.68	32.37 -0.05 0.00	66.37 0.20 0.00	182.68 1.41 0.00	38.85 0.28 0.00	29.19 0.17 0.00	20.22 0.12 0.00
FIBERTEK___ENERGY 23856	21.80 -0.62 0.00	18.39 -0.52 0.00	24.18 -0.66 0.00	22.84 -0.63 0.00	20.19 -0.55 0.00	19.08 -0.51 0.00	16.57 -0.44 0.00	11.64 -0.38 0.00	12.42 -0.41 0.00	13.00 -0.43 0.00	13.71 -0.42 0.00	9.96 -0.38 0.00	12.86 -0.49 0.00	14.50 -0.65 2.28	-0.93 -0.71 20.52	-29.29 -0.93 55.36	-25.16 -0.90 51.42	14.30 -0.68 5.86	31.51 -0.91 0.00	64.56 -1.61 0.00	177.45 -3.82 0.00	37.69 -0.88 0.00	28.33 -0.70 0.00	19.68 -0.43 0.00
FITZPATRICK___ 23598	21.35 -1.07 0.00	18.01 -0.90 0.00	23.68 -1.16 0.00	22.38 -1.10 0.00	19.77 -0.97 0.00	18.69 -0.90 0.00	16.23 -0.78 0.00	11.43 -0.59 0.00	12.19 -0.63 0.00	12.77 -0.66 0.00	13.47 -0.66 0.00	9.79 -0.54 0.00	12.64 -0.71 0.00	12.95 -0.94 3.54	-12.58 -1.06 31.83	-60.25 -1.37 85.87	-53.97 -1.37 79.76	10.67 -1.08 9.09	30.85 -1.57 0.00	63.12 -3.05 0.00	173.33 -7.94 0.00	36.83 -1.74 0.00	27.71 -1.31 0.00	19.23 -0.86 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.26 0.84 0.00	19.57 0.66 0.00	25.63 0.79 0.00	24.32 0.85 0.00	21.51 0.77 0.00	20.27 0.68 0.00	17.61 0.60 0.00	12.48 0.46 0.00	13.34 0.51 0.00	14.04 0.61 0.00	14.80 0.67 0.00	10.87 0.53 0.00	14.05 0.70 0.00	18.19 0.98 0.22	19.53 1.19 1.97	23.25 1.56 5.31	23.75 1.52 4.93	21.50 1.22 0.56	34.13 1.71 0.00	69.38 3.21 0.00	189.75 8.48 0.00	40.37 1.80 0.00	30.30 1.27 0.00	21.00 0.90 0.00
FORT ORANGE___ 23900	22.54 0.11 0.00	19.03 0.12 0.00	24.92 0.09 0.00	23.58 0.11 0.00	20.84 0.10 0.00	19.66 0.07 0.00	17.03 0.01 0.00	12.05 0.03 0.00	12.81 -0.02 0.00	13.36 -0.08 0.00	14.04 -0.09 0.00	10.32 -0.03 0.00	13.35 0.00 0.16	17.31 0.03 0.16	18.95 0.05 1.41	23.20 0.02 3.81	23.63 0.00 3.54	20.54 0.10 0.40	32.55 0.13 0.00	66.45 0.28 0.00	181.45 0.18 0.00	38.61 0.04 0.00	29.05 0.03 0.00	20.20 0.10 0.00
FORT_DRUM_COGEN 23780	21.78 -0.65 0.00	18.38 -0.53 0.00	24.31 -0.53 0.00	23.12 -0.36 0.00	20.28 -0.46 0.00	19.21 -0.38 0.00	16.77 -0.24 0.00	11.83 -0.18 0.00	12.61 -0.22 0.00	13.09 -0.35 0.00	13.53 -0.60 0.00	9.82 -0.52 0.00	12.63 -0.72 0.00	14.93 -1.04 1.47	5.72 -1.38 13.21	-10.48 -1.84 35.64	-7.58 -1.65 33.10	15.82 -1.25 3.77	31.08 -1.34 0.00	64.85 -1.32 0.00	181.41 0.14 0.00	38.74 0.17 0.00	29.04 0.01 0.00	19.78 -0.32 0.00
FOX_HILLS___ESR 323835	23.43 1.01 0.00	19.70 0.79 0.00	25.78 0.94 0.00	24.56 1.08 0.00	21.73 0.99 0.00	20.44 0.86 0.00	17.81 0.79 -0.01	12.63 0.61 -0.01	13.54 0.71 -0.01	14.29 0.84 -0.01	15.04 0.90 -0.01	11.00 0.67 0.00	14.19 0.84 0.00	18.39 1.18 0.22	19.80 1.47 1.98	23.48 1.83 5.35	23.98 1.78 4.97	21.71 1.44 0.56	34.28 1.86 0.00	69.55 3.38 0.00	190.11 8.84 0.00	40.55 1.97 0.00	30.48 1.46 0.00	21.16 1.05 0.00
FPL_FAR_ROCK_GT1 24212	159.75 1.27 -136.06	75.53 1.01 -55.61	42.78 1.26 -16.68	26.18 1.24 -1.46	21.92 1.13 -0.06	20.67 1.03 -0.06	17.96 0.89 -0.06	12.72 0.65 -0.05	13.57 0.71 -0.04	14.34 0.87 -0.03	93.57 1.07 -78.38	77.90 0.83 -66.73	73.42 1.08 -58.99	72.72 1.49 -53.80	70.63 1.79 -48.53	55.52 2.31 -26.21	63.31 2.18 -33.96	21.93 1.65 0.56	34.62 2.20 0.00	70.20 4.03 0.00	191.29 10.01 0.00	40.78 2.20 0.00	34.59 1.70 -3.86	127.26 1.37 -105.79
FPL_FAR_ROCK_GT2 23815	159.75 1.27 -136.06	75.53 1.01 -55.61	42.78 1.26 -16.68	26.18 1.24 -1.46	21.92 1.13 -0.06	20.67 1.03 -0.06	17.96 0.89 -0.06	12.72 0.65 -0.05	13.57 0.71 -0.04	14.34 0.87 -0.03	93.57 1.07 -78.38	77.90 0.83 -66.73	73.42 1.08 -58.99	72.72 1.49 -53.80	70.63 1.79 -48.53	55.52 2.31 -26.21	63.31 2.18 -33.96	21.93 1.65 0.56	34.62 2.20 0.00	70.20 4.03 0.00	191.29 10.01 0.00	40.78 2.20 0.00	34.59 1.70 -3.86	127.26 1.37 -105.79
FRANKLIN_FALL_HYD 24054	22.58 0.16 0.00	19.05 0.14 0.00	25.05 0.21 0.00	23.53 0.06 0.00	20.79 0.05 0.00	19.70 0.11 0.00	17.19 0.17 0.00	12.16 0.14 0.00	12.97 0.15 0.00	13.57 0.13 0.00	14.27 0.14 0.00	10.46 0.12 0.00	13.48 0.13 0.00	17.26 0.07 0.24	18.13 -0.04 2.14	21.16 -0.07 5.77	21.73 -0.07 5.36	20.06 -0.17 0.61	32.29 -0.13 0.00	66.04 -0.13 0.00	181.69 0.42 0.00	38.86 0.29 0.00	29.22 0.20 0.00	20.00 -0.10 0.00



FREEPORT_EQUS_GT1 23764	62.91	35.90	30.80	25.02	21.79	20.55	17.84	12.63	13.49	14.24	37.72	30.36	31.38	35.27	39.20	36.42	39.78	21.86	34.51	69.99	190.07	40.53	31.84	55.26
	1.20	0.93	1.14	1.12	1.04	0.94	0.81	0.60	0.65	0.80	0.96	0.76	1.00	1.41	1.72	2.21	2.09	1.58	2.10	3.82	8.80	1.96	1.60	1.30
	-39.28	-16.06	-4.82	-0.42	-0.02	-0.02	-0.02	-0.02	-0.01	-0.01	-22.63	-19.27	-17.03	-16.43	-17.17	-7.21	-10.53	0.56	0.00	0.00	0.00	0.00	-1.22	-33.86
FREEPORT___CT2 23818	62.91	35.90	30.80	25.02	21.79	20.55	17.84	12.63	13.49	14.24	37.72	30.36	31.38	35.27	39.20	36.42	39.78	21.86	34.51	69.99	190.07	40.53	31.84	55.26
	1.20	0.93	1.14	1.12	1.04	0.94	0.81	0.60	0.65	0.80	0.96	0.76	1.00	1.41	1.72	2.21	2.09	1.58	2.10	3.82	8.80	1.96	1.60	1.30
	-39.28	-16.06	-4.82	-0.42	-0.02	-0.02	-0.02	-0.02	-0.01	-0.01	-22.63	-19.27	-17.03	-16.43	-17.17	-7.21	-10.53	0.56	0.00	0.00	0.00	0.00	-1.22	-33.86
FRESHKLS_33_KV_LOAD 356253	23.45	19.72	25.88	24.66	21.82	20.52	17.88	12.67	13.58	14.32	15.06	10.99	14.17	18.37	19.78	23.45	23.97	21.70	34.28	69.55	190.19	40.55	30.51	21.17
	1.03	0.81	1.04	1.18	1.08	0.94	0.86	0.64	0.75	0.88	0.93	0.65	0.82	1.16	1.46	1.80	1.77	1.42	1.86	3.38	8.92	1.98	1.48	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.22	1.98	5.35	4.97	0.56	0.00	0.00	0.00	0.00	0.00	0.00
FULTON COGEN____ 23766	21.48	18.12	23.82	22.52	19.90	18.80	16.33	11.48	12.25	12.82	13.50	9.81	12.66	13.95	-3.79	-36.61	-32.01	13.25	31.01	63.58	174.94	37.16	27.94	19.38
	-0.94	-0.80	-1.02	-0.95	-0.84	-0.79	-0.68	-0.53	-0.58	-0.61	-0.62	-0.52	-0.69	-0.91	-1.02	-1.33	-1.32	-1.00	-1.40	-2.59	-6.33	-1.42	-1.08	-0.72
	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	2.57	23.09	62.28	57.85	6.59	0.00	0.00	0.00	0.00	0.00	0.00
FULTON___LFGE 323630	23.26	19.58	25.76	24.33	21.54	20.37	17.64	12.40	13.19	13.61	14.12	10.24	13.20	17.04	18.24	22.31	23.39	20.95	33.15	68.59	189.81	40.40	30.32	20.93
	0.83	0.67	0.92	0.86	0.80	0.78	0.62	0.38	0.37	0.18	-0.01	-0.10	-0.15	-0.18	-0.19	0.39	0.93	0.64	0.73	2.42	8.54	1.83	1.30	0.83
	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	0.21	1.88	5.08	4.72	0.54	0.00	0.00	0.00	0.00	0.00	0.00
G.F.CEMENT___DRP 24184	23.12	19.56	25.61	24.18	21.33	20.15	17.41	12.32	13.02	13.57	14.18	10.45	13.51	17.47	19.27	23.91	24.39	21.05	33.54	68.85	187.62	39.84	29.78	20.66
	0.69	0.65	0.77	0.70	0.59	0.57	0.40	0.30	0.20	0.13	0.05	0.11	0.15	0.19	0.30	0.55	0.60	0.60	1.12	2.68	6.35	1.27	0.75	0.56
	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	0.15	1.35	3.64	3.38	0.38	0.00	0.00	0.00	0.00	0.00	0.00
GARDENVILLE___LBMP 24039	21.28	18.00	23.75	22.34	19.74	18.81	16.35	11.38	12.22	12.85	13.83	9.78	12.57	15.16	9.42	-0.68	1.30	16.61	30.43	62.60	172.95	36.49	27.58	19.34
	-1.14	-0.91	-1.09	-1.13	-1.01	-0.78	-0.66	-0.64	-0.60	-0.58	-0.30	-0.56	-0.78	-1.18	-1.06	-1.16	-1.24	-1.42	-1.98	-3.57	-8.32	-2.08	-1.45	-0.76
	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	1.09	9.83	26.52	24.63	2.81	0.00	0.00	0.00	0.00	0.00	0.00
GARDNVLA_35_KV_LD 355827	21.37	18.07	23.83	22.41	19.80	18.87	16.41	11.43	12.29	12.92	13.91	9.83	12.64	15.27	9.63	-0.21	1.75	16.77	30.61	62.91	173.70	36.64	27.70	19.41
	-1.06	-0.85	-1.01	-1.07	-0.94	-0.72	-0.60	-0.58	-0.54	-0.51	-0.22	-0.50	-0.71	-1.09	-0.98	-1.03	-1.11	-1.30	-1.80	-3.26	-7.57	-1.93	-1.33	-0.69
	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	1.08	9.70	26.17	24.31	2.77	0.00	0.00	0.00	0.00	0.00	0.00
GELCKHM___115KV_LOAD 80723	21.75	18.34	24.12	22.80	20.15	19.04	16.53	11.62	12.40	12.99	13.70	9.95	12.84	14.51	-0.64	-28.50	-24.44	14.35	31.42	64.37	176.91	37.58	28.26	19.63
	-0.68	-0.57	-0.72	-0.68	-0.60	-0.54	-0.48	-0.40	-0.43	-0.45	-0.43	-0.39	-0.51	-0.67	-0.73	-0.95	-0.94	-0.72	-0.99	-1.80	-4.36	-1.00	-0.77	-0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.25	20.22	54.55	50.67	5.77	0.00	0.00	0.00	0.00	0.00	0.00
GENERAL___MILLS 23808	21.34	18.04	23.80	22.39	19.78	18.85	16.40	11.42	12.28	12.91	13.89	9.82	12.62	15.24	9.62	-0.23	1.73	16.73	30.54	62.79	173.35	36.57	27.64	19.38
	-1.08	-0.87	-1.04	-1.09	-0.96	-0.74	-0.61	-0.60	-0.55	-0.52	-0.24	-0.52	-0.73	-1.11	-1.00	-1.07	-1.14	-1.34	-1.87	-3.38	-7.92	-2.00	-1.39	-0.72
	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	1.08	9.69	26.16	24.29	2.77	0.00	0.00	0.00	0.00	0.00	0.00
GE_PLASTICS___DRP 24183	22.52	19.01	24.91	23.58	20.83	19.65	17.03	12.05	12.83	13.41	14.10	10.35	13.40	17.36	19.02	23.30	23.72	20.57	32.56	66.42	181.39	38.62	29.05	20.19
	0.09	0.09	0.07	0.10	0.09	0.07	0.02	0.03	0.00	-0.02	-0.03	0.01	0.05	0.09	0.11	0.10	0.08	0.13	0.14	0.25	0.12	0.04	0.03	0.09
	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	0.16	1.41	3.79	3.52	0.40	0.00	0.00	0.00	0.00	0.00	0.00
GILBOA___1 23756	22.59	19.05	25.06	23.74	20.98	19.78	17.12	12.10	12.92	13.54	14.25	10.44	13.49	17.43	18.13	20.68	21.30	20.41	32.77	66.76	182.43	38.85	29.25	20.31
	0.17	0.14	0.22	0.27	0.24	0.19	0.10	0.08	0.09	0.11	0.11	0.10	0.14	0.27	0.28	0.33	0.31	0.27	0.36	0.59	1.16	0.27	0.22	0.21
	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	0.27	2.46	6.65	6.17	0.70	0.00	0.00	0.00	0.00	0.00	0.00
GILBOA___2 23757	22.59	19.05	25.06	23.74	20.98	19.78	17.12	12.10	12.92	13.54	14.25	10.44	13.49	17.43	18.13	20.68	21.30	20.41	32.77	66.76	182.43	38.85	29.25	20.31
	0.17	0.14	0.22	0.27	0.24	0.19	0.10	0.08	0.09	0.11	0.11	0.10	0.14	0.27	0.28	0.33	0.31	0.27	0.36	0.59	1.16	0.27	0.22	0.21
	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	0.27	2.46	6.65	6.17	0.70	0.00	0.00	0.00	0.00	0.00	0.00
GILBOA___3 23758	22.59	19.05	25.06	23.74	20.98	19.78	17.12	12.10	12.92	13.54	14.25	10.44	13.49	17.43	18.13	20.68	21.30	20.41	32.77	66.76	182.43	38.85	29.25	20.31
	0.17	0.14	0.22	0.27	0.24	0.19	0.10	0.08	0.09	0.11	0.11	0.10	0.14	0.27	0.28	0.33	0.31	0.27	0.36	0.59	1.16	0.27	0.22	0.21
	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	0.27	2.46	6.65	6.17	0.70	0.00	0.00	0.00	0.00	0.00	0.00
GILBOA___4 23759	22.59	19.05	25.06	23.74	20.98	19.78	17.12	12.10	12.92	13.54	14.25	10.44	13.49	17.43	18.13	20.68	21.30	20.41	32.77	66.76	182.43	38.85	29.25	20.31
	0.17	0.14	0.22	0.27	0.24	0.19	0.10	0.08	0.09	0.11	0.11	0.10	0.14	0.27	0.28	0.33	0.31	0.27	0.36	0.59	1.16	0.27	0.22	0.21
	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	0.27	2.46	6.65	6.17	0.70	0.00	0.00	0.00	0.00	0.00	0.00

GILBOA____ 23599	22.59 0.17 0.00	19.05 0.14 0.00	25.06 0.22 0.00	23.74 0.27 0.00	20.98 0.24 0.00	19.78 0.19 0.00	17.12 0.10 0.00	12.10 0.09 0.00	12.92 0.09 0.00	13.54 0.11 0.00	14.25 0.11 0.00	10.44 0.10 0.00	13.50 0.14 0.00	17.43 0.27 0.27	18.13 0.28 2.46	20.68 0.33 6.65	21.30 0.30 6.17	20.41 0.27 0.70	32.77 0.36 0.00	66.77 0.60 0.00	182.43 1.16 0.00	38.85 0.28 0.00	29.25 0.22 0.00	20.31 0.21 0.00
GINNA____ 23603	20.50 -1.84 0.09	17.23 -1.54 0.14	22.78 -1.98 0.08	21.50 -1.92 0.05	18.98 -1.70 0.07	17.89 -1.51 0.18	15.70 -1.29 0.02	10.97 -1.03 0.02	11.74 -1.07 0.01	12.34 -1.10 0.00	13.10 -1.03 0.00	9.41 -0.93 0.00	12.13 -1.22 0.00	14.66 -1.68 1.09	8.65 -1.83 9.83	-1.84 -2.31 26.52	0.26 -2.27 24.63	16.11 -1.92 2.81	29.65 -2.72 0.05	60.72 -5.23 0.22	167.62 -13.46 0.19	35.37 -3.03 0.18	26.75 -2.28 0.00	18.62 -1.49 0.00
GLEN PARK____ 23778	21.80 -0.63 0.00	18.40 -0.51 0.00	24.32 -0.52 0.00	23.13 -0.34 0.00	20.30 -0.44 0.00	19.22 -0.36 0.00	16.78 -0.23 0.00	11.83 -0.18 0.00	12.61 -0.22 0.00	13.08 -0.36 0.00	13.49 -0.64 0.00	9.79 -0.55 0.00	12.59 -0.76 0.00	14.81 -1.10 1.53	5.12 -1.44 13.76	-12.03 -1.92 37.10	-9.03 -1.74 34.46	15.59 -1.33 3.93	30.97 -1.44 0.00	64.77 -1.40 0.00	181.73 0.46 0.00	38.81 0.24 0.00	29.07 0.04 0.00	19.80 -0.30 0.00
GLENDALE_27_KV_LOAD 356172	23.39 0.97 0.00	19.67 0.76 0.00	25.68 0.84 0.00	24.43 0.96 0.00	21.62 0.88 0.00	20.36 0.77 0.00	17.74 0.73 -0.01	12.61 0.58 -0.01	13.51 0.68 -0.01	14.27 0.82 -0.01	15.04 0.90 -0.01	11.03 0.70 0.00	14.24 0.88 0.00	18.44 1.23 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.03 1.83 4.97	21.76 1.49 0.56	34.34 1.93 0.00	69.65 3.48 0.00	190.45 9.18 0.00	40.58 2.01 0.00	30.49 1.46 0.00	21.16 1.06 0.00
GLENWOOD_IC_1_G5 23712	43.74 1.03 -20.29	28.00 0.80 -8.29	28.28 0.96 -2.49	24.68 0.98 -0.22	21.65 0.90 -0.01	20.40 0.81 -0.01	17.73 0.71 -0.01	12.57 0.54 -0.01	13.44 0.61 -0.01	14.19 0.75 -11.69	26.70 0.88 -9.95	20.99 0.70 -8.80	23.06 0.91 -9.59	28.30 1.27 -13.25	35.10 1.54 -5.14	34.12 1.99 -7.97	37.02 1.89 0.56	21.67 1.39 0.56	34.23 1.82 0.00	69.42 3.25 0.00	189.36 8.09 0.00	40.34 1.77 0.00	31.20 1.43 -0.75	42.59 1.11 -21.38
GLENWOOD_IC_2_G1 23688	23.32 0.90 0.00	19.61 0.70 0.00	25.66 0.82 0.00	24.34 0.87 0.00	21.54 0.80 0.00	20.29 0.70 0.00	17.64 0.62 0.00	12.50 0.48 0.00	13.38 0.55 0.00	14.12 0.68 0.00	14.92 0.79 0.00	10.97 0.63 0.00	14.17 0.82 0.00	18.45 1.16 0.13	20.12 1.41 1.60	23.74 1.81 5.06	24.27 1.71 4.61	21.60 1.32 0.56	34.14 1.72 0.00	69.27 3.10 0.00	189.07 7.80 0.00	40.27 1.70 0.00	30.31 1.28 -0.01	21.36 0.98 -0.28
GLENWOOD_IC_3_G1 23689	23.32 0.90 0.00	19.61 0.70 0.00	25.66 0.82 0.00	24.34 0.87 0.00	21.54 0.80 0.00	20.29 0.70 0.00	17.64 0.62 0.00	12.50 0.48 0.00	13.38 0.55 0.00	14.12 0.68 0.00	14.92 0.79 0.00	10.97 0.63 0.00	14.17 0.82 0.00	18.45 1.16 0.13	20.12 1.41 1.60	23.74 1.81 5.06	24.27 1.71 4.61	21.60 1.32 0.56	34.14 1.72 0.00	69.27 3.10 0.00	189.07 7.80 0.00	40.27 1.70 0.00	30.31 1.28 -0.01	21.36 0.98 -0.28
GLENWOOD____4 23550	43.74 1.03 -20.29	28.00 0.80 -8.29	28.28 0.96 -2.49	24.68 0.98 -0.22	21.65 0.90 -0.01	20.40 0.81 -0.01	17.73 0.71 -0.01	12.57 0.54 -0.01	13.44 0.61 -0.01	14.19 0.75 -0.01	26.70 0.88 -11.69	20.99 0.70 -9.95	23.06 0.91 -8.80	28.30 1.27 -9.59	35.10 1.54 -13.25	34.12 1.99 -5.14	37.02 1.89 -7.97	21.69 1.41 0.56	34.27 1.86 0.00	69.52 3.35 0.00	189.55 8.28 0.00	40.39 1.82 0.00	31.20 1.43 -0.75	42.59 1.11 -21.38
GLENWOOD____5 23614	43.74 1.03 -20.29	28.00 0.80 -8.29	28.28 0.96 -2.49	24.68 0.98 -0.22	21.65 0.90 -0.01	20.40 0.81 -0.01	17.73 0.71 -0.01	12.57 0.54 -0.01	13.44 0.61 -0.01	14.19 0.75 -0.01	26.70 0.88 -11.69	20.99 0.70 -9.95	23.06 0.91 -8.80	28.30 1.27 -9.59	35.10 1.54 -13.25	34.12 1.99 -5.14	37.02 1.89 -7.97	21.69 1.41 0.56	34.27 1.86 0.00	69.52 3.35 0.00	189.55 8.28 0.00	40.39 1.82 0.00	31.20 1.43 -0.75	42.59 1.11 -21.38
GLOBAL GREEN_PORT_GT1 23814	13.70 1.82 10.54	15.89 1.29 4.31	25.24 1.70 1.29	25.02 1.66 0.11	22.31 1.57 0.00	21.14 1.56 0.00	18.47 1.46 0.00	13.10 1.08 0.00	13.99 1.17 0.00	14.81 1.37 0.00	9.62 1.56 6.07	6.36 1.19 5.17	10.34 1.56 4.57	16.52 2.18 3.09	22.76 2.64 0.20	27.01 3.48 3.47	27.98 3.46 2.64	23.04 2.76 0.56	36.31 3.90 0.00	73.65 7.48 0.00	200.03 18.76 0.00	42.35 3.78 0.00	31.72 2.86 0.17	18.31 2.19 3.98
GLOBE____DSASP 323697	20.65 -1.78 0.00	17.47 -1.44 0.00	23.03 -1.80 0.00	21.65 -1.83 0.00	19.11 -1.63 0.00	18.24 -1.35 0.00	15.90 -1.12 0.00	11.07 -0.95 0.00	11.91 -0.91 0.00	12.56 -0.88 0.00	13.60 -0.53 0.00	9.59 -0.75 0.00	12.32 -1.03 0.00	14.81 -1.57 1.05	9.34 -1.51 9.46	-0.24 -1.71 25.52	1.72 -1.75 23.70	16.25 -1.89 2.70	29.55 -2.87 0.00	60.42 -5.75 0.00	166.79 -14.48 0.00	35.22 -3.35 0.00	26.70 -2.32 0.00	18.76 -1.34 0.00
GOETHSLN____LBMP 323567	23.12 0.70 0.00	19.45 0.54 0.00	25.31 0.56 0.09	24.16 0.69 0.00	21.38 0.64 0.00	20.12 0.53 0.00	17.53 0.51 0.00	12.44 0.42 0.00	13.34 0.51 0.00	14.10 0.66 0.00	14.86 0.73 0.00	10.92 0.58 0.00	14.09 0.74 0.00	18.25 1.05 0.22	19.60 1.27 1.98	23.26 1.62 5.35	23.72 1.52 4.97	21.50 1.22 0.56	33.97 1.55 0.00	68.85 2.68 0.00	188.15 6.88 0.00	40.12 1.55 0.00	30.14 1.11 0.00	20.90 0.80 0.00
GOLAH____69_KV_TB 1_2 80279	21.56 -0.87 0.00	18.20 -0.71 0.00	23.96 -0.88 0.00	22.58 -0.90 0.00	19.95 -0.79 0.00	18.96 -0.62 0.00	16.50 -0.52 0.00	11.50 -0.52 0.00	12.28 -0.54 0.00	12.89 -0.55 0.00	13.74 -0.39 0.00	9.81 -0.52 0.00	12.64 -0.71 0.00	15.32 -1.04 1.07	9.65 -1.00 9.66	-0.22 -1.15 26.07	1.84 -1.11 24.21	16.92 -1.17 2.76	30.88 -1.54 0.00	63.51 -2.66 0.00	175.59 -5.68 0.00	37.17 -1.40 0.00	28.01 -1.02 0.00	19.52 -0.58 0.00
GOODYEAR_LAKE_HYD 323669	22.83 0.41 0.00	19.23 0.32 0.00	25.32 0.48 0.00	23.95 0.48 0.00	21.20 0.46 0.00	20.03 0.44 0.00	17.40 0.39 0.00	12.28 0.26 0.00	13.14 0.32 0.00	13.79 0.35 0.00	14.50 0.37 0.00	10.54 0.20 0.00	13.56 0.21 0.00	17.15 0.29 0.58	15.45 0.32 5.18	13.46 0.45 13.98	14.75 0.57 12.99	19.85 0.48 1.48	33.17 0.76 0.00	67.83 1.66 0.00	185.92 4.65 0.00	39.56 0.98 0.00	29.74 0.72 0.00	20.59 0.49 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.07 -0.36 0.00	18.62 -0.29 0.00	24.55 -0.29 0.00	23.19 -0.29 0.00	20.48 -0.26 0.00	19.38 -0.21 0.00	16.80 -0.21 0.00	11.82 -0.20 0.00	12.64 -0.19 0.00	13.24 -0.20 0.00	14.01 -0.12 0.00	10.15 -0.19 0.00	13.08 -0.27 0.00	15.84 -0.35 1.24	8.79 -0.38 11.14	-3.50 -0.44 30.06	-1.28 -0.53 27.92	17.25 -0.41 3.18	31.86 -0.56 0.00	65.27 -0.90 0.00	179.14 -2.13 0.00	37.99 -0.58 0.00	28.62 -0.40 0.00	19.94 -0.16 0.00



GOWANUS_GT2_6 24119	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
GOWANUS_GT2_7 24120	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
GOWANUS_GT2_8 24121	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
GOWANUS_GT3_1 24122	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
GOWANUS_GT3_2 24123	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
GOWANUS_GT3_3 24124	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
GOWANUS_GT3_4 24125	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
GOWANUS_GT3_5 24126	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
GOWANUS_GT3_6 24127	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
GOWANUS_GT3_7 24128	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
GOWANUS_GT3_8 24129	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
GOWANUS_GT4_1 24130	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.01 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.89 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.21 0.22	19.83 1.50 1.98	23.53 1.88 5.35	24.03 1.83 4.97	21.74 1.47 0.56	34.32 1.91 0.00	69.63 3.46 0.00	190.36 9.09 0.00	40.58 2.00 0.00	30.51 1.48 0.00	21.16 1.06 0.00
GOWANUS_GT4_2 24131	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.01 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.89 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.21 0.22	19.83 1.50 1.98	23.53 1.88 5.35	24.03 1.83 4.97	21.74 1.47 0.56	34.32 1.91 0.00	69.63 3.46 0.00	190.36 9.09 0.00	40.58 2.00 0.00	30.51 1.48 0.00	21.16 1.06 0.00
GOWANUS_GT4_3 24132	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.01 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.89 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.21 0.22	19.83 1.50 1.98	23.53 1.88 5.35	24.03 1.83 4.97	21.74 1.47 0.56	34.32 1.91 0.00	69.63 3.46 0.00	190.36 9.09 0.00	40.58 2.00 0.00	30.51 1.48 0.00	21.16 1.06 0.00
GOWANUS_GT4_4 24133	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.01 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.89 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.21 0.22	19.83 1.50 1.98	23.53 1.88 5.35	24.03 1.83 4.97	21.74 1.47 0.56	34.32 1.91 0.00	69.63 3.46 0.00	190.36 9.09 0.00	40.58 2.00 0.00	30.51 1.48 0.00	21.16 1.06 0.00

GOWANUS_GT4_5 24134	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.01 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.89 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.21 0.22	19.83 1.50 1.98	23.53 1.88 5.35	24.03 1.83 4.97	21.74 1.47 0.56	34.32 1.91 0.00	69.63 3.46 0.00	190.36 9.09 0.00	40.58 2.00 0.00	30.51 1.48 0.00	21.16 1.06 0.00
GOWANUS_GT4_6 24135	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.01 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.89 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.21 0.22	19.83 1.50 1.98	23.53 1.88 5.35	24.03 1.83 4.97	21.74 1.47 0.56	34.32 1.91 0.00	69.63 3.46 0.00	190.36 9.09 0.00	40.58 2.00 0.00	30.51 1.48 0.00	21.16 1.06 0.00
GOWANUS_GT4_7 24136	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.01 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.89 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.21 0.22	19.83 1.50 1.98	23.53 1.88 5.35	24.03 1.83 4.97	21.74 1.47 0.56	34.32 1.91 0.00	69.63 3.46 0.00	190.36 9.09 0.00	40.58 2.00 0.00	30.51 1.48 0.00	21.16 1.06 0.00
GOWANUS_GT4_8 24137	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.01 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.89 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.21 0.22	19.83 1.50 1.98	23.53 1.88 5.35	24.03 1.83 4.97	21.74 1.47 0.56	34.32 1.91 0.00	69.63 3.46 0.00	190.36 9.09 0.00	40.58 2.00 0.00	30.51 1.48 0.00	21.16 1.06 0.00
GREATVRV_69_KV_BK1 356245	17.06 1.53 6.89	17.25 1.15 2.82	25.41 1.42 0.84	24.76 1.36 0.07	22.01 1.27 0.00	20.75 1.16 0.00	18.01 1.00 0.00	12.76 0.75 0.00	13.61 0.79 0.00	14.35 0.92 0.00	11.24 1.08 3.97	7.81 0.85 3.38	11.47 1.11 2.99	17.38 1.60 1.64	23.41 1.96 -1.13	26.91 2.56 2.64	28.01 2.47 1.63	22.20 1.92 0.56	34.97 2.56 0.00	71.07 4.90 0.00	193.73 12.46 0.00	41.22 2.65 0.00	30.98 2.02 0.07	20.52 1.60 1.18
GREENBSH_115KV_TB3 55895	22.41 -0.01 0.00	18.93 0.02 0.00	24.80 -0.04 0.00	23.46 -0.01 0.00	20.73 -0.01 0.00	19.55 -0.03 0.00	16.94 -0.07 0.00	11.99 -0.02 0.00	12.76 -0.06 0.00	13.32 -0.12 0.00	14.00 -0.13 0.00	10.29 -0.05 0.00	13.33 -0.03 0.00	17.27 -0.01 0.16	18.92 0.01 1.40	23.17 -0.05 3.77	23.59 -0.07 3.51	20.47 0.02 0.40	32.38 -0.04 0.00	66.04 -0.12 0.00	180.28 -0.99 0.00	38.38 -0.19 0.00	28.88 -0.14 0.00	20.09 -0.01 0.00
GREENDGE_115KV_TB5 80291	21.79 -0.64 0.00	18.39 -0.52 0.00	24.25 -0.59 0.00	22.87 -0.60 0.00	20.21 -0.53 0.00	19.18 -0.41 0.00	16.64 -0.38 0.00	11.61 -0.41 0.00	12.39 -0.44 0.00	12.94 -0.50 0.00	13.72 -0.41 0.00	9.87 -0.46 0.00	12.71 -0.64 0.00	15.21 -0.87 1.35	7.23 -0.92 12.16	-6.93 -1.11 32.81	-4.47 -1.16 30.47	16.42 -0.95 3.47	31.24 -1.17 0.00	64.15 -2.02 0.00	176.13 -5.14 0.00	37.59 -0.99 0.00	28.40 -0.63 0.00	19.77 -0.34 0.00
GREENIDGE___3 23582	21.79 -0.64 0.00	18.39 -0.52 0.00	24.25 -0.59 0.00	22.87 -0.60 0.00	20.21 -0.53 0.00	19.18 -0.41 0.00	16.64 -0.38 0.00	11.61 -0.41 0.00	12.39 -0.44 0.00	12.94 -0.50 0.00	13.72 -0.41 0.00	9.87 -0.46 0.00	12.71 -0.64 0.00	15.21 -0.87 1.35	7.23 -0.92 12.16	-6.93 -1.11 32.81	-4.47 -1.16 30.47	16.42 -0.95 3.47	31.24 -1.17 0.00	64.15 -2.02 0.00	176.13 -5.14 0.00	37.59 -0.99 0.00	28.40 -0.63 0.00	19.77 -0.34 0.00
GREENIDGE___4 23583	21.95 -0.63 -0.16	18.65 -0.52 -0.26	24.39 -0.59 -0.15	22.97 -0.61 -0.10	20.33 -0.53 -0.13	19.52 -0.41 -0.34	16.67 -0.38 -0.03	11.64 -0.41 -0.03	12.41 -0.44 -0.02	12.94 -0.50 0.00	13.72 -0.41 0.00	9.87 -0.47 0.00	12.71 -0.64 0.00	15.21 -0.87 1.35	7.22 -0.93 12.16	-6.95 -1.14 32.81	-4.48 -1.18 30.47	16.42 -0.95 3.47	31.35 -1.17 -0.09	64.56 -2.01 -0.40	176.51 -5.12 -0.35	37.91 -0.98 -0.32	28.40 -0.63 0.00	19.76 -0.34 0.00
GREENLWN_69_KV_BK 3 55738	15.38 1.19 8.23	16.45 0.90 3.37	24.93 1.10 1.01	24.46 1.08 0.08	21.74 1.00 0.00	20.49 0.90 0.00	17.77 0.76 0.00	12.61 0.60 0.00	13.46 0.64 0.00	14.20 0.76 0.00	10.33 0.95 4.75	7.05 0.75 4.04	10.77 0.99 3.57	16.67 1.41 2.17	22.70 1.71 -0.68	26.28 2.20 2.92	27.28 2.08 1.97	21.80 1.52 0.56	34.30 1.89 0.00	69.42 3.25 0.00	188.73 7.46 0.00	40.19 1.62 0.00	30.20 1.28 0.10	19.04 1.13 2.19
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.01 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.89 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.21 0.22	19.83 1.50 1.98	23.53 1.88 5.35	24.03 1.83 4.97	21.74 1.47 0.56	34.32 1.91 0.00	69.63 3.46 0.00	190.36 9.09 0.00	40.58 2.00 0.00	30.51 1.48 0.00	21.16 1.06 0.00
GRISSOM___SOLAR 323813	23.23 0.80 0.00	19.57 0.66 0.00	25.72 0.88 0.00	24.31 0.83 0.00	21.50 0.76 0.00	20.32 0.74 0.00	17.58 0.56 0.00	12.35 0.33 0.00	13.14 0.32 0.00	13.52 0.09 0.00	14.01 -0.12 0.00	10.16 -0.18 0.00	13.10 -0.25 0.00	16.94 -0.29 0.20	18.20 -0.30 1.81	22.48 0.36 4.88	23.52 0.88 4.53	20.87 0.54 0.52	32.99 0.58 0.00	68.35 2.18 0.00	189.30 8.03 0.00	40.28 1.71 0.00	30.23 1.20 0.00	20.88 0.78 0.00
GROVEVILLE___HYD 323602	23.26 0.84 0.00	19.57 0.66 0.00	25.63 0.79 0.00	24.32 0.85 0.00	21.51 0.77 0.00	20.27 0.68 0.00	17.61 0.60 0.00	12.48 0.46 0.00	13.34 0.51 0.00	14.04 0.61 0.00	14.80 0.67 0.00	10.87 0.53 0.00	14.05 0.70 0.00	18.19 0.98 0.22	19.53 1.19 1.97	23.25 1.56 5.31	23.75 1.52 4.93	21.50 1.22 0.56	34.13 1.71 0.00	69.38 3.21 0.00	189.75 8.48 0.00	40.37 1.80 0.00	30.30 1.27 0.00	21.00 0.90 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.80 -0.62 0.00	18.39 -0.52 0.00	24.18 -0.66 0.00	22.84 -0.63 0.00	20.19 -0.55 0.00	19.08 -0.51 0.00	16.57 -0.44 0.00	11.64 -0.38 0.00	12.42 -0.41 0.00	13.00 -0.43 0.00	13.71 -0.42 0.00	9.96 -0.38 0.00	12.86 -0.49 0.00	14.50 -0.65 2.28	-0.93 -0.71 20.52	-29.29 -0.93 55.36	-25.16 -0.90 51.42	14.30 -0.68 5.86	31.51 -0.91 0.00	64.56 -1.61 0.00	177.45 -3.82 0.00	37.69 -0.88 0.00	28.33 -0.70 0.00	19.68 -0.43 0.00
HAMLTNNY_34_KV_TB 80303	21.70 -0.72 0.00	18.31 -0.61 0.00	24.09 -0.75 0.00	22.73 -0.74 0.00	20.10 -0.64 0.00	19.00 -0.59 0.00	16.53 -0.48 0.00	11.59 -0.43 0.00	12.37 -0.46 0.00	12.96 -0.47 0.00	13.69 -0.44 0.00	9.92 -0.42 0.00	12.79 -0.56 0.00	14.52 -0.74 2.16	0.04 -0.82 19.45	-26.53 -1.06 52.47	-22.58 -1.01 48.74	14.47 -0.82 5.55	31.34 -1.08 0.00	64.25 -1.92 0.00	176.73 -4.54 0.00	37.52 -1.05 0.00	28.19 -0.83 0.00	19.60 -0.51 0.00

HAMPSHIRE___PAPER_HYD 323593	21.85 -0.58 0.00	18.43 -0.48 0.00	24.37 -0.47 0.00	23.03 -0.45 0.00	20.29 -0.45 0.00	19.17 -0.41 0.00	16.72 -0.29 0.00	11.81 -0.20 0.00	12.58 -0.24 0.00	13.12 -0.32 0.00	13.62 -0.51 0.00	9.99 -0.35 0.00	12.87 -0.48 0.00	16.00 -0.72 0.72	12.86 -0.99 6.46	8.25 -1.32 17.43	9.82 -1.16 16.19	18.07 -0.93 1.85	31.29 -1.13 0.00	64.44 -1.73 0.00	178.09 -3.18 0.00	38.11 -0.46 0.00	28.65 -0.38 0.00	19.60 -0.50 0.00
HARDSCRABBLE_WT_PWR 323673	22.08 -0.35 0.00	18.62 -0.28 0.00	24.48 -0.36 0.00	23.18 -0.29 0.00	20.49 -0.25 0.00	19.31 -0.28 0.00	16.72 -0.29 0.00	11.80 -0.21 0.00	12.56 -0.26 0.00	13.07 -0.37 0.00	13.58 -0.54 0.00	9.93 -0.41 0.00	12.84 -0.51 0.00	16.60 -0.61 0.22	17.69 -0.68 1.94	21.12 -0.65 5.23	21.79 -0.52 4.85	20.06 -0.23 0.55	32.08 -0.34 0.00	65.92 -0.25 0.00	180.29 -0.97 0.00	38.27 -0.30 0.00	28.78 -0.25 0.00	19.96 -0.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.11 0.69 0.00	19.43 0.52 0.00	25.45 0.61 0.00	24.17 0.69 0.00	21.37 0.63 0.00	20.12 0.53 0.00	17.49 0.48 0.00	12.40 0.38 0.00	13.27 0.44 0.00	13.98 0.55 0.00	14.74 0.61 0.00	10.83 0.49 0.00	13.98 0.63 0.00	18.09 0.89 0.23	19.32 1.10 2.09	22.82 1.47 5.64	23.34 1.42 5.24	21.38 1.13 0.60	33.95 1.54 0.00	69.00 2.83 0.00	188.93 7.66 0.00	40.17 1.60 0.00	30.13 1.10 0.00	20.87 0.77 0.00
HARSNRAD_115KV_TB1 81005	20.96 -1.47 0.00	17.73 -1.18 0.00	23.37 -1.47 0.00	21.98 -1.50 0.00	19.42 -1.33 0.00	18.50 -1.09 0.00	16.13 -0.88 0.00	11.22 -0.80 0.00	12.05 -0.77 0.00	12.68 -0.75 0.00	13.66 -0.46 0.00	9.62 -0.73 0.00	12.35 -1.00 0.00	14.89 -1.47 1.06	9.43 -1.31 9.57	-0.28 -1.46 25.82	1.68 -1.50 23.98	16.35 -1.76 2.73	29.85 -2.57 0.00	61.33 -4.84 0.00	169.63 -11.64 0.00	35.82 -2.75 0.00	27.13 -1.89 0.00	19.04 -1.07 0.00
HARZA MOOSE___RIVER 24016	22.18 -0.25 0.00	18.72 -0.19 0.00	24.68 -0.15 0.00	23.42 -0.06 0.00	20.66 -0.09 0.00	19.51 -0.07 0.00	16.98 -0.03 0.00	11.99 -0.02 0.00	12.80 -0.03 0.00	13.35 -0.08 0.00	13.93 -0.20 0.00	10.14 -0.20 0.00	13.06 -0.29 0.00	16.23 -0.41 0.79	12.60 -0.59 7.12	7.02 -0.76 19.21	8.75 -0.57 17.84	18.41 -0.40 2.03	32.12 -0.30 0.00	66.14 -0.03 0.00	182.72 1.45 0.00	38.95 0.38 0.00	29.23 0.20 0.00	20.08 -0.02 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.78 -0.64 0.00	18.37 -0.55 0.00	24.16 -0.67 0.00	22.84 -0.63 0.00	20.18 -0.56 0.00	19.09 -0.50 0.00	16.56 -0.45 0.00	11.64 -0.37 0.00	12.43 -0.40 0.00	13.01 -0.42 0.00	13.73 -0.40 0.00	9.97 -0.37 0.00	12.87 -0.49 0.00	14.61 -0.63 2.19	-0.05 -0.69 19.67	-26.95 -0.89 53.05	-23.01 -0.90 49.28	14.55 -0.67 5.62	31.45 -0.96 0.00	64.38 -1.79 0.00	176.96 -4.31 0.00	37.58 -1.00 0.00	28.28 -0.75 0.00	19.66 -0.44 0.00
HELLGATE_13_KV_LD 55870	23.42 1.00 0.00	19.70 0.78 0.00	25.70 0.86 0.00	24.46 0.98 0.00	21.65 0.91 0.00	20.38 0.79 0.00	17.77 0.75 -0.01	12.62 0.60 -0.01	13.53 0.70 -0.01	14.29 0.84 -0.01	15.06 0.92 -0.01	11.05 0.71 0.00	14.25 0.91 0.00	18.47 1.26 0.22	19.87 1.54 1.98	23.57 1.92 5.35	24.06 1.86 4.97	21.79 1.52 0.56	34.38 1.96 0.00	69.72 3.56 0.00	190.58 9.32 0.00	40.61 2.04 0.00	30.51 1.49 0.00	21.18 1.08 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.42 1.00 0.00	19.70 0.78 0.00	25.70 0.86 0.00	24.46 0.98 0.00	21.65 0.91 0.00	20.38 0.79 0.00	17.77 0.75 -0.01	12.62 0.60 -0.01	13.53 0.70 -0.01	14.29 0.84 -0.01	15.06 0.92 -0.01	11.05 0.71 0.00	14.25 0.91 0.00	18.47 1.26 0.22	19.87 1.54 1.98	23.57 1.92 5.35	24.06 1.86 4.97	21.79 1.52 0.56	34.38 1.96 0.00	69.72 3.56 0.00	190.58 9.32 0.00	40.61 2.04 0.00	30.51 1.49 0.00	21.18 1.08 0.00
HEMPSTEAD___ 23647	48.52 1.02 -25.09	29.95 0.78 -10.25	28.86 0.94 -3.08	24.69 0.95 -0.27	21.63 0.88 -0.01	20.39 0.79 -0.01	17.70 0.68 -0.01	12.55 0.52 -0.01	13.40 0.57 -0.01	14.15 0.71 -0.01	29.44 0.86 -14.45	23.33 0.69 -12.30	25.12 0.90 -10.88	29.86 1.27 -11.16	35.39 1.56 -13.52	34.12 2.00 -5.12	37.00 1.87 -7.96	21.68 1.41 0.56	34.23 1.82 0.00	69.43 3.26 0.00	189.02 7.76 0.00	40.28 1.71 0.00	31.23 1.36 -0.85	45.23 1.12 -24.01
HICKLING___1 23621	21.85 -0.57 0.00	18.46 -0.45 0.00	24.39 -0.45 0.00	23.00 -0.47 0.00	20.31 -0.42 0.00	19.29 -0.30 0.00	16.69 -0.32 0.00	11.64 -0.38 0.00	12.46 -0.37 0.00	13.04 -0.40 0.00	13.89 -0.24 0.00	9.98 -0.36 0.00	12.85 -0.50 0.00	15.47 -0.69 1.27	8.19 -0.69 11.43	-4.66 -0.83 30.82	-2.38 -0.92 28.63	16.81 -0.77 3.26	31.47 -0.94 0.00	64.85 -1.32 0.00	178.38 -2.89 0.00	37.75 -0.82 0.00	28.48 -0.54 0.00	19.89 -0.20 0.00
HICKLING___2 23622	21.85 -0.57 0.00	18.46 -0.45 0.00	24.39 -0.45 0.00	23.00 -0.47 0.00	20.31 -0.42 0.00	19.29 -0.30 0.00	16.69 -0.32 0.00	11.64 -0.38 0.00	12.46 -0.37 0.00	13.04 -0.40 0.00	13.89 -0.24 0.00	9.98 -0.36 0.00	12.85 -0.50 0.00	15.47 -0.69 1.27	8.19 -0.69 11.43	-4.66 -0.83 30.82	-2.38 -0.92 28.63	16.81 -0.77 3.26	31.47 -0.94 0.00	64.85 -1.32 0.00	178.38 -2.89 0.00	37.75 -0.82 0.00	28.48 -0.54 0.00	19.89 -0.20 0.00
HIGH FALLS___HY 23754	23.24 0.82 0.00	19.54 0.62 0.00	25.58 0.75 0.00	24.30 0.82 0.00	21.49 0.75 0.00	20.24 0.66 0.00	17.61 0.60 0.00	12.48 0.46 0.00	13.33 0.51 0.00	14.04 0.60 0.00	14.76 0.63 0.00	10.85 0.51 0.00	14.01 0.66 0.00	18.18 0.97 0.22	19.53 1.20 1.98	23.19 1.54 5.34	23.61 1.40 4.96	21.47 1.19 0.56	34.14 1.73 0.00	69.50 3.33 0.00	190.23 8.96 0.00	40.45 1.88 0.00	30.35 1.33 0.00	21.01 0.91 0.00
HIGH_RIVER___SOLAR 323847	22.93 0.51 0.00	19.34 0.42 0.00	25.38 0.54 0.00	24.01 0.54 0.00	21.22 0.47 0.00	20.03 0.45 0.00	17.34 0.33 0.00	12.20 0.18 0.00	12.96 0.13 0.00	13.48 0.04 0.00	13.98 -0.14 0.00	10.22 -0.12 0.00	13.20 -0.15 0.00	17.08 -0.18 0.17	18.59 -0.19 1.53	23.01 0.15 4.14	23.79 0.46 3.84	20.74 0.33 0.44	32.83 0.41 0.00	67.62 1.45 0.00	185.97 4.70 0.00	39.57 1.00 0.00	29.72 0.70 0.00	20.59 0.49 0.00
HILLBURN___GT 23639	23.11 0.68 0.00	19.42 0.51 0.00	25.42 0.58 0.00	24.15 0.68 0.00	21.36 0.61 0.00	20.10 0.51 0.00	17.48 0.47 0.00	12.40 0.38 0.00	13.27 0.45 0.00	14.02 0.58 0.00	14.77 0.65 0.00	10.86 0.52 0.00	14.01 0.66 0.00	18.14 0.94 0.23	19.41 1.17 2.07	22.95 1.53 5.58	23.44 1.45 5.18	21.39 1.14 0.59	33.91 1.49 0.00	68.87 2.70 0.00	188.76 7.49 0.00	40.15 1.58 0.00	30.09 1.07 0.00	20.85 0.75 0.00
HILLSIDE_115KV_TB1 80332	21.59 -0.83 0.00	18.23 -0.68 0.00	24.11 -0.73 0.00	22.74 -0.74 0.00	20.07 -0.67 0.00	19.01 -0.58 0.00	16.47 -0.54 0.00	11.54 -0.48 0.00	12.36 -0.47 0.00	12.93 -0.50 0.00	13.76 -0.37 0.00	9.92 -0.42 0.00	12.78 -0.58 0.00	15.39 -0.77 1.27	8.03 -0.85 11.43	-4.88 -1.04 30.84	-2.69 -1.21 28.65	16.63 -0.95 3.26	31.07 -1.34 0.00	63.86 -2.32 0.00	175.42 -5.85 0.00	37.13 -1.44 0.00	28.02 -1.01 0.00	19.59 -0.51 0.00

HISHELDN_WT_PWR 323625	21.24 -1.19 0.00	17.97 -0.94 0.00	23.69 -1.15 0.00	22.31 -1.17 0.00	19.71 -1.03 0.00	18.78 -0.80 0.00	16.29 -0.73 0.00	11.30 -0.71 0.00	12.12 -0.70 0.00	12.74 -0.69 0.00	13.70 -0.43 0.00	9.72 -0.63 0.00	12.48 -0.87 0.00	15.04 -1.27 1.12	9.01 -1.23 10.07	-1.58 -1.40 27.17	0.46 -1.47 25.23	16.46 -1.51 2.88	30.37 -2.04 0.00	62.63 -3.54 0.00	173.15 -8.11 0.00	36.56 -2.01 0.00	27.62 -1.41 0.00	19.35 -0.75 0.00
HOLTSVILLE_IC_1 23690	12.98 1.31 10.75	15.49 0.97 4.39	24.70 1.18 1.32	24.49 1.13 0.11	21.82 1.08 0.00	20.57 0.98 0.00	17.87 0.86 0.00	12.66 0.64 0.00	13.50 0.68 0.00	14.25 0.81 0.00	8.91 0.97 6.19	5.83 0.76 5.27	9.70 1.00 4.66	15.71 1.45 3.17	21.82 1.79 0.27	25.79 2.30 3.51	26.67 2.21 2.70	21.99 1.71 0.56	34.61 2.19 0.00	70.28 4.11 0.00	191.48 10.22 0.00	40.74 2.16 0.00	30.54 1.69 0.17	17.37 1.41 4.14
HOLTSVILLE_IC_10 23699	14.00 1.41 9.83	15.94 1.05 4.02	24.91 1.28 1.20	24.59 1.22 0.10	21.90 1.16 0.00	20.64 1.06 0.00	17.93 0.93 0.00	12.71 0.69 0.00	13.55 0.73 0.00	14.29 0.86 0.00	9.48 1.01 5.67	6.31 0.79 4.82	10.14 1.05 4.26	16.13 1.51 2.81	22.24 1.86 -0.06	26.11 2.43 3.31	27.05 2.33 2.45	22.09 1.82 0.56	34.79 2.37 0.00	70.67 4.50 0.00	192.58 11.31 0.00	40.96 2.39 0.00	30.71 1.84 0.15	18.16 1.50 3.44
HOLTSVILLE_IC_2 23691	12.98 1.31 10.75	15.49 0.97 4.39	24.70 1.18 1.32	24.49 1.13 0.11	21.82 1.08 0.00	20.57 0.98 0.00	17.87 0.86 0.00	12.66 0.64 0.00	13.50 0.68 0.00	14.25 0.81 0.00	8.91 0.97 6.19	5.83 0.76 5.27	9.70 1.00 4.66	15.71 1.45 3.17	21.82 1.79 0.27	25.79 2.30 3.51	26.67 2.21 2.70	21.99 1.71 0.56	34.61 2.19 0.00	70.28 4.11 0.00	191.48 10.22 0.00	40.74 2.16 0.00	30.54 1.69 0.17	17.37 1.41 4.14
HOLTSVILLE_IC_3 23692	12.98 1.31 10.75	15.49 0.97 4.39	24.70 1.18 1.32	24.49 1.13 0.11	21.82 1.08 0.00	20.57 0.98 0.00	17.87 0.86 0.00	12.66 0.64 0.00	13.50 0.68 0.00	14.25 0.81 0.00	8.91 0.97 6.19	5.83 0.76 5.27	9.70 1.00 4.66	15.71 1.45 3.17	21.82 1.79 0.27	25.79 2.30 3.51	26.67 2.21 2.70	21.99 1.71 0.56	34.61 2.19 0.00	70.28 4.11 0.00	191.48 10.22 0.00	40.74 2.16 0.00	30.54 1.69 0.17	17.37 1.41 4.14
HOLTSVILLE_IC_4 23693	12.98 1.31 10.75	15.49 0.97 4.39	24.70 1.18 1.32	24.49 1.13 0.11	21.82 1.08 0.00	20.57 0.98 0.00	17.87 0.86 0.00	12.66 0.64 0.00	13.50 0.68 0.00	14.25 0.81 0.00	8.91 0.97 6.19	5.83 0.76 5.27	9.70 1.00 4.66	15.71 1.45 3.17	21.82 1.79 0.27	25.79 2.30 3.51	26.67 2.21 2.70	21.99 1.71 0.56	34.61 2.19 0.00	70.28 4.11 0.00	191.48 10.22 0.00	40.74 2.16 0.00	30.54 1.69 0.17	17.37 1.41 4.14
HOLTSVILLE_IC_5 23694	12.98 1.31 10.75	15.49 0.97 4.39	24.70 1.18 1.32	24.49 1.13 0.11	21.82 1.08 0.00	20.57 0.98 0.00	17.87 0.86 0.00	12.66 0.64 0.00	13.50 0.68 0.00	14.25 0.81 0.00	8.91 0.97 6.19	5.83 0.76 5.27	9.70 1.00 4.66	15.71 1.45 3.17	21.82 1.79 0.27	25.79 2.30 3.51	26.67 2.21 2.70	21.99 1.71 0.56	34.61 2.19 0.00	70.28 4.11 0.00	191.48 10.22 0.00	40.74 2.16 0.00	30.54 1.69 0.17	17.37 1.41 4.14
HOLTSVILLE_IC_6 23695	14.00 1.41 9.83	15.94 1.05 4.02	24.91 1.28 1.20	24.59 1.22 0.10	21.90 1.16 0.00	20.64 1.06 0.00	17.93 0.93 0.00	12.71 0.69 0.00	13.55 0.73 0.00	14.29 0.86 0.00	9.48 1.01 5.67	6.31 0.79 4.82	10.14 1.05 4.26	16.13 1.51 2.81	22.24 1.86 -0.06	26.11 2.43 3.31	27.05 2.33 2.45	22.09 1.82 0.56	34.79 2.37 0.00	70.67 4.50 0.00	192.58 11.31 0.00	40.96 2.39 0.00	30.71 1.84 0.15	18.16 1.50 3.44
HOLTSVILLE_IC_7 23696	14.00 1.41 9.83	15.94 1.05 4.02	24.91 1.28 1.20	24.59 1.22 0.10	21.90 1.16 0.00	20.64 1.06 0.00	17.93 0.93 0.00	12.71 0.69 0.00	13.55 0.73 0.00	14.29 0.86 0.00	9.48 1.01 5.67	6.31 0.79 4.82	10.14 1.05 4.26	16.13 1.51 2.81	22.24 1.86 -0.06	26.11 2.43 3.31	27.05 2.33 2.45	22.09 1.82 0.56	34.79 2.37 0.00	70.67 4.50 0.00	192.58 11.31 0.00	40.96 2.39 0.00	30.71 1.84 0.15	18.16 1.50 3.44
HOLTSVILLE_IC_8 23697	14.00 1.41 9.83	15.94 1.05 4.02	24.91 1.28 1.20	24.59 1.22 0.10	21.90 1.16 0.00	20.64 1.06 0.00	17.93 0.93 0.00	12.71 0.69 0.00	13.55 0.73 0.00	14.29 0.86 0.00	9.48 1.01 5.67	6.31 0.79 4.82	10.14 1.05 4.26	16.13 1.51 2.81	22.24 1.86 -0.06	26.11 2.43 3.31	27.05 2.33 2.45	22.09 1.82 0.56	34.79 2.37 0.00	70.67 4.50 0.00	192.58 11.31 0.00	40.96 2.39 0.00	30.71 1.84 0.15	18.16 1.50 3.44
HOLTSVILLE_IC_9 23698	14.00 1.41 9.83	15.94 1.05 4.02	24.91 1.28 1.20	24.59 1.22 0.10	21.90 1.16 0.00	20.64 1.06 0.00	17.93 0.93 0.00	12.71 0.69 0.00	13.55 0.73 0.00	14.29 0.86 0.00	9.48 1.01 5.67	6.31 0.79 4.82	10.14 1.05 4.26	16.13 1.51 2.81	22.24 1.86 -0.06	26.11 2.43 3.31	27.05 2.33 2.45	22.09 1.82 0.56	34.79 2.37 0.00	70.67 4.50 0.00	192.58 11.31 0.00	40.96 2.39 0.00	30.71 1.84 0.15	18.16 1.50 3.44
HOMER_HL_115KV_TB2 355744	21.87 -0.56 0.00	18.51 -0.40 0.00	24.49 -0.35 0.00	23.10 -0.37 0.00	20.43 -0.31 0.00	19.40 -0.19 0.00	16.80 -0.22 0.00	11.74 -0.28 0.00	12.61 -0.21 0.00	13.25 -0.18 0.00	14.15 0.02 0.00	10.04 -0.30 0.00	12.91 -0.45 0.00	15.65 -0.67 1.12	9.74 -0.53 10.05	-0.63 -0.52 27.10	1.23 -0.76 25.17	17.00 -0.97 2.87	31.09 -1.33 0.00	64.01 -2.16 0.00	176.88 -4.39 0.00	37.24 -1.33 0.00	28.04 -0.99 0.00	19.68 -0.43 0.00
HOWARD_WT_PWR 323690	21.60 -0.92 -0.09	18.34 -0.73 -0.16	24.11 -0.82 -0.09	22.70 -0.84 -0.06	20.06 -0.76 -0.08	19.30 -0.49 -0.21	16.50 -0.53 -0.02	11.42 -0.62 -0.02	12.25 -0.59 -0.01	12.83 -0.60 0.00	13.73 -0.40 0.00	9.82 -0.52 0.00	12.63 -0.72 0.00	15.16 -1.03 1.23	8.18 -1.03 11.10	-4.17 -1.23 29.94	-1.88 -1.24 27.81	16.55 -1.13 3.17	31.15 -1.33 -0.06	64.67 -1.75 -0.24	178.10 -3.39 -0.22	37.79 -0.98 -0.20	28.30 -0.72 0.00	19.76 -0.34 0.00
HQ_GEN_CEDARS 23644	22.63 0.20 0.00	19.06 0.15 0.00	25.22 0.38 0.00	23.69 0.22 0.00	20.91 0.17 0.00	19.80 0.21 0.00	17.27 0.25 0.00	12.20 0.18 0.00	13.02 0.19 0.00	13.62 0.18 0.00	14.17 0.04 0.00	10.48 0.14 0.00	13.53 0.18 0.00	17.33 0.13 0.23	18.28 0.05 2.07	21.46 0.06 5.60	22.07 0.10 5.20	20.24 -0.01 0.59	32.46 0.04 0.00	66.17 0.00 0.00	180.80 -0.46 0.00	38.78 0.21 0.00	29.25 0.22 0.00	20.12 0.02 0.00
HQ_GEN_CEDARS_PROXY 323590	22.62 0.20 0.00	19.06 0.15 0.00	25.22 0.38 0.00	23.69 0.22 0.00	20.92 0.17 0.00	19.80 0.21 0.00	17.26 0.25 0.00	12.20 0.18 0.00	13.02 0.19 0.00	13.62 0.18 0.00	14.17 0.04 0.00	10.48 0.14 0.00	13.53 0.18 0.23	17.33 0.13 2.07	18.28 0.05 5.60	21.46 0.06 5.20	22.07 0.11 5.20	20.24 -0.01 0.59	32.46 0.04 0.00	66.17 0.00 0.00	180.81 -0.46 0.00	38.78 0.21 0.00	29.25 0.22 0.00	20.12 0.02 0.00

HQ_GEN_IMPORT 323601	22.59 0.16 0.00	19.05 0.14 0.00	25.03 0.19 0.00	23.60 0.12 0.00	20.85 0.10 0.00	19.70 0.11 0.00	17.14 0.13 0.00	12.11 0.09 0.00	12.93 0.10 0.00	13.54 0.10 0.00	14.23 0.10 0.00	10.42 0.09 0.00	13.46 0.10 0.00	17.53 0.11 0.00	20.40 0.09 0.00	27.10 0.11 0.00	27.28 0.12 0.00	20.90 0.06 0.00	32.52 0.10 0.00	66.33 0.16 0.00	181.83 0.56 0.00	38.72 0.15 0.00	29.15 0.13 0.00	20.13 0.03 0.00
HQ_GEN_WHEEL 23651	22.59 0.16 0.00	19.05 0.14 0.00	25.03 0.19 0.00	23.60 0.12 0.00	20.85 0.10 0.00	19.70 0.11 0.00	17.14 0.13 0.00	12.11 0.09 0.00	12.93 0.10 0.00	13.54 0.10 0.00	14.23 0.10 0.00	10.42 0.09 0.00	13.46 0.10 0.00	17.53 0.11 0.00	20.40 0.09 0.00	27.10 0.11 0.00	27.28 0.12 0.00	20.90 0.06 0.00	32.52 0.10 0.00	66.33 0.16 0.00	181.83 0.56 0.00	38.72 0.15 0.00	29.15 0.13 0.00	20.13 0.03 0.00
HUDSON AVE_GT_3 23810	23.28 0.85 0.00	19.58 0.66 0.00	25.58 0.75 0.00	24.33 0.85 0.00	21.53 0.79 0.00	20.26 0.68 0.00	17.65 0.63 0.00	12.53 0.51 0.00	13.43 0.61 0.00	14.18 0.75 0.00	14.96 0.83 0.00	10.98 0.64 0.00	14.19 0.83 0.00	18.37 1.16 0.22	19.73 1.40 1.98	23.44 1.79 5.35	23.90 1.70 4.97	21.63 1.36 0.56	34.20 1.78 0.00	69.34 3.17 0.00	189.47 8.20 0.00	40.37 1.80 0.00	30.33 1.30 0.00	21.03 0.93 0.00
HUDSON AVE_GT_4 23540	23.28 0.85 0.00	19.58 0.66 0.00	25.58 0.75 0.00	24.33 0.85 0.00	21.53 0.79 0.00	20.26 0.68 0.00	17.65 0.63 0.00	12.53 0.51 0.00	13.43 0.61 0.00	14.18 0.75 0.00	14.96 0.83 0.00	10.98 0.64 0.00	14.19 0.83 0.00	18.37 1.16 0.22	19.73 1.40 1.98	23.44 1.79 5.35	23.90 1.70 4.97	21.63 1.36 0.56	34.20 1.78 0.00	69.34 3.17 0.00	189.47 8.20 0.00	40.37 1.80 0.00	30.33 1.30 0.00	21.03 0.93 0.00
HUDSON AVE_GT_5 23657	23.28 0.85 0.00	19.58 0.66 0.00	25.58 0.75 0.00	24.33 0.85 0.00	21.53 0.79 0.00	20.26 0.68 0.00	17.65 0.63 0.00	12.53 0.51 0.00	13.43 0.61 0.00	14.18 0.75 0.00	14.96 0.83 0.00	10.98 0.64 0.00	14.19 0.83 0.00	18.37 1.16 0.22	19.73 1.40 1.98	23.44 1.79 5.35	23.90 1.70 4.97	21.63 1.36 0.56	34.20 1.78 0.00	69.34 3.17 0.00	189.47 8.20 0.00	40.37 1.80 0.00	30.33 1.30 0.00	21.03 0.93 0.00
HUDSON_AVE_10 24168	23.19 0.77 0.00	19.49 0.58 0.00	25.48 0.64 0.00	24.23 0.75 0.00	21.45 0.71 0.00	20.19 0.60 0.00	17.58 0.57 0.00	12.48 0.46 0.00	13.37 0.55 0.00	14.12 0.68 0.00	14.88 0.75 0.00	10.93 0.59 0.00	14.12 0.77 0.00	18.28 1.07 0.22	19.69 1.30 1.92	23.30 1.65 5.35	23.76 1.56 4.97	21.52 1.24 0.57	34.01 1.60 0.00	68.99 2.82 0.00	188.46 7.19 0.00	40.17 1.60 0.00	30.18 1.16 0.00	20.93 0.83 0.00
HUDSON___115KV_TB 4 355613	22.84 0.41 0.00	19.27 0.36 0.00	25.25 0.41 0.00	23.88 0.41 0.00	21.10 0.37 0.00	19.91 0.33 0.00	17.25 0.24 0.00	12.17 0.16 0.00	12.92 0.09 0.00	13.47 0.03 0.00	14.14 0.01 0.00	10.38 0.04 0.00	13.44 0.09 0.00	17.41 0.14 0.16	19.02 0.18 1.47	23.25 0.21 3.96	23.70 0.21 3.68	20.73 0.31 0.42	33.02 0.61 0.00	67.51 1.34 0.00	184.56 3.29 0.00	39.25 0.68 0.00	29.49 0.47 0.00	20.47 0.37 0.00
HUNTER MOUNT___DRP 323613	22.96 0.53 0.00	19.37 0.45 0.00	25.37 0.53 0.00	24.00 0.53 0.00	21.21 0.47 0.00	20.02 0.43 0.00	17.35 0.33 0.00	12.24 0.22 0.00	12.98 0.15 0.00	13.52 0.08 0.00	14.18 0.05 0.00	10.41 0.07 0.00	13.48 0.13 0.00	17.45 0.19 0.17	19.00 0.23 1.54	23.13 0.29 4.16	23.61 0.31 3.86	20.83 0.43 0.44	33.22 0.81 0.00	67.91 1.75 0.00	185.66 4.39 0.00	39.47 0.89 0.00	29.65 0.62 0.00	20.57 0.47 0.00
HUNTINGTON_RES_REC 323705	14.14 1.28 9.57	15.96 0.96 3.91	24.83 1.17 1.17	24.50 1.13 0.10	21.80 1.06 0.00	20.54 0.96 0.00	17.83 0.82 0.00	12.64 0.63 0.00	13.49 0.66 0.00	14.23 0.79 0.00	9.58 0.96 5.51	6.40 0.76 4.69	10.20 1.00 4.15	16.16 1.44 2.70	22.26 1.77 -0.18	26.06 2.30 3.23	27.02 2.21 2.35	21.93 1.66 0.56	34.52 2.11 0.00	69.98 3.81 0.00	190.48 9.21 0.00	40.53 1.96 0.00	30.40 1.52 0.14	18.16 1.28 3.22
HUNTLEY___63 23557	21.13 -1.30 0.00	17.87 -1.04 0.00	23.56 -1.28 0.00	22.15 -1.33 0.00	19.56 -1.18 0.00	18.65 -0.94 0.00	16.25 -0.76 0.00	11.31 -0.71 0.00	12.16 -0.67 0.00	12.79 -0.64 0.00	13.81 -0.32 0.00	9.74 -0.60 0.00	12.51 -0.84 0.00	15.08 -1.28 1.06	9.59 -1.15 9.57	-0.06 -1.23 25.82	1.92 -1.27 23.98	16.58 -1.52 2.73	30.20 -2.21 0.00	61.97 -4.20 0.00	171.23 -10.04 0.00	36.14 -2.43 0.00	27.35 -1.67 0.00	19.19 -0.91 0.00
HUNTLEY___64 23558	21.13 -1.30 0.00	17.87 -1.04 0.00	23.56 -1.28 0.00	22.15 -1.33 0.00	19.56 -1.18 0.00	18.65 -0.94 0.00	16.25 -0.76 0.00	11.31 -0.71 0.00	12.16 -0.67 0.00	12.79 -0.64 0.00	13.81 -0.32 0.00	9.74 -0.60 0.00	12.51 -0.84 0.00	15.08 -1.28 1.06	9.59 -1.15 9.57	-0.06 -1.23 25.82	1.92 -1.27 23.98	16.58 -1.52 2.73	30.20 -2.21 0.00	61.97 -4.20 0.00	171.23 -10.04 0.00	36.14 -2.43 0.00	27.35 -1.67 0.00	19.19 -0.91 0.00
HUNTLEY___65 23559	21.13 -1.30 0.00	17.87 -1.04 0.00	23.56 -1.28 0.00	22.15 -1.33 0.00	19.56 -1.18 0.00	18.65 -0.94 0.00	16.25 -0.76 0.00	11.31 -0.71 0.00	12.16 -0.67 0.00	12.79 -0.64 0.00	13.81 -0.32 0.00	9.74 -0.60 0.00	12.51 -0.84 0.00	15.08 -1.28 1.06	9.59 -1.15 9.57	-0.06 -1.23 25.82	1.92 -1.27 23.98	16.58 -1.52 2.73	30.20 -2.21 0.00	61.97 -4.20 0.00	171.23 -10.04 0.00	36.14 -2.43 0.00	27.35 -1.67 0.00	19.19 -0.91 0.00
HUNTLEY___66 23560	21.13 -1.30 0.00	17.87 -1.04 0.00	23.56 -1.28 0.00	22.15 -1.33 0.00	19.56 -1.18 0.00	18.65 -0.94 0.00	16.25 -0.76 0.00	11.31 -0.71 0.00	12.16 -0.67 0.00	12.79 -0.64 0.00	13.81 -0.32 0.00	9.74 -0.60 0.00	12.51 -0.84 0.00	15.08 -1.28 1.06	9.59 -1.15 9.57	-0.06 -1.23 25.82	1.92 -1.27 23.98	16.58 -1.52 2.73	30.20 -2.21 0.00	61.97 -4.20 0.00	171.23 -10.04 0.00	36.14 -2.43 0.00	27.35 -1.67 0.00	19.19 -0.91 0.00
HUNTLEY___67 23561	21.08 -1.35 0.00	17.82 -1.09 0.00	23.51 -1.33 0.00	22.11 -1.37 0.00	19.52 -1.22 0.00	18.61 -0.98 0.00	16.21 -0.80 0.00	11.29 -0.73 0.00	12.14 -0.68 0.00	12.78 -0.66 0.00	13.76 -0.37 0.00	9.72 -0.62 0.00	12.49 -0.86 0.00	15.07 -1.30 1.06	9.56 -1.22 9.54	-0.09 -1.36 25.73	1.85 -1.42 23.90	16.54 -1.58 2.72	30.15 -2.27 0.00	61.86 -4.30 0.00	170.81 -10.46 0.00	36.05 -2.52 0.00	27.27 -1.75 0.00	19.13 -0.97 0.00
HUNTLEY___68 23562	21.08 -1.35 0.00	17.82 -1.09 0.00	23.51 -1.33 0.00	22.11 -1.37 0.00	19.52 -1.22 0.00	18.61 -0.98 0.00	16.21 -0.80 0.00	11.29 -0.73 0.00	12.14 -0.68 0.00	12.78 -0.66 0.00	13.76 -0.37 0.00	9.72 -0.62 0.00	12.49 -0.86 0.00	15.07 -1.30 1.06	9.56 -1.22 9.54	-0.09 -1.36 25.73	1.85 -1.42 23.90	16.54 -1.58 2.72	30.15 -2.27 0.00	61.86 -4.30 0.00	170.81 -10.46 0.00	36.05 -2.52 0.00	27.27 -1.75 0.00	19.13 -0.97 0.00



HYLAND___LFGE 323620	22.26 -0.16 0.00	18.80 -0.11 0.00	24.76 -0.08 0.00	23.35 -0.13 0.00	20.64 -0.10 0.00	19.66 0.07 0.00	17.04 0.02 0.00	11.69 -0.33 0.00	12.30 -0.52 0.00	12.91 -0.53 0.00	13.77 -0.35 0.00	9.85 -0.48 0.00	12.69 -0.66 0.00	15.31 -0.97 1.15	8.98 -0.94 10.39	-2.10 -1.08 28.02	0.05 -1.09 26.02	16.82 -1.05 2.97	31.13 -1.29 0.00	65.02 -1.15 0.00	182.90 1.64 0.00	38.77 0.20 0.00	29.16 0.14 0.00	20.27 0.16 0.00
INDECK___CORINTH 23802	23.06 0.64 0.00	19.51 0.60 0.00	25.55 0.71 0.00	24.13 0.66 0.00	21.30 0.56 0.00	20.12 0.53 0.00	17.36 0.35 0.00	12.28 0.27 0.00	13.01 0.18 0.00	13.55 0.12 0.00	14.16 0.03 0.00	10.42 0.09 0.00	13.47 0.12 0.00	17.43 0.15 0.15	19.22 0.26 1.35	23.86 0.50 3.64	24.34 0.55 3.38	21.00 0.54 0.38	33.43 1.01 0.00	68.59 2.42 0.00	187.07 5.80 0.00	39.72 1.15 0.00	29.70 0.68 0.00	20.59 0.49 0.00
INDECK___ILION 23567	22.22 -0.20 0.00	18.74 -0.17 0.00	24.63 -0.21 0.00	23.31 -0.17 0.00	20.60 -0.14 0.00	19.43 -0.16 0.00	16.84 -0.17 0.00	11.90 -0.11 0.00	12.68 -0.15 0.00	13.23 -0.20 0.00	13.83 -0.30 0.00	10.11 -0.22 0.00	13.07 -0.28 0.00	16.89 -0.33 0.22	18.01 -0.37 1.94	21.42 -0.35 5.23	22.04 -0.28 4.85	20.16 -0.13 0.55	32.24 -0.17 0.00	66.04 -0.13 0.00	180.73 -0.54 0.00	38.43 -0.15 0.00	28.89 -0.14 0.00	20.03 -0.07 0.00
INDECK___OLEAN 23982	21.53 -0.56 0.34	17.95 -0.40 0.56	24.17 -0.35 0.32	22.89 -0.37 0.21	20.14 -0.33 0.28	18.66 -0.19 0.73	16.72 -0.22 0.07	11.68 -0.28 0.07	12.57 -0.21 0.05	13.25 -0.18 0.00	14.15 0.02 0.00	10.04 -0.30 0.00	12.90 -0.45 0.00	15.64 -0.67 1.12	9.70 -0.56 10.05	-0.67 -0.56 27.10	1.21 -0.79 25.17	17.01 -0.97 2.87	30.90 -1.31 0.21	63.16 -2.15 0.86	176.21 -4.29 0.77	36.55 -1.32 0.70	28.04 -0.99 0.00	19.68 -0.43 0.00
INDECK___OSWEGO 23783	21.37 -1.05 0.00	18.04 -0.88 0.00	23.71 -1.12 0.00	22.42 -1.05 0.00	19.81 -0.93 0.00	18.71 -0.88 0.00	16.26 -0.75 0.00	11.44 -0.58 0.00	12.20 -0.62 0.00	12.78 -0.66 0.00	13.46 -0.67 0.00	9.78 -0.56 0.00	12.62 -0.73 0.00	13.79 -0.96 2.68	-4.88 -1.10 24.09	-39.44 -1.44 65.00	-34.64 -1.43 60.37	12.87 -1.10 6.88	30.86 -1.56 0.00	63.28 -2.89 0.00	174.03 -7.24 0.00	37.00 -1.57 0.00	27.82 -1.20 0.00	19.28 -0.82 0.00
INDECK___YERKES 23781	20.92 -1.28 0.23	17.50 -1.03 0.39	23.36 -1.26 0.22	22.03 -1.30 0.14	19.39 -1.16 0.19	18.16 -0.92 0.50	16.21 -0.75 0.05	11.27 -0.70 0.05	12.13 -0.65 0.03	12.81 -0.63 0.00	13.82 -0.31 0.00	9.75 -0.60 0.00	12.52 -0.83 0.00	15.10 -1.27 1.06	9.57 -1.16 9.57	-0.08 -1.26 25.82	1.91 -1.27 23.98	16.60 -1.51 2.73	30.10 -2.17 0.14	61.44 -4.14 0.59	170.89 -9.85 0.53	35.71 -2.38 0.48	27.38 -1.65 0.00	19.20 -0.90 0.00
INDIAN POINT_GT_1 24139	23.10 0.67 0.00	19.43 0.52 0.00	25.43 0.59 0.00	24.15 0.67 0.00	21.36 0.62 0.00	20.11 0.52 0.00	17.49 0.48 0.00	12.40 0.38 0.00	13.27 0.45 0.00	14.00 0.56 0.00	14.76 0.63 0.00	10.85 0.51 0.00	14.00 0.65 0.00	18.14 0.93 0.22	19.45 1.14 2.00	23.07 1.47 5.39	23.55 1.40 5.01	21.39 1.11 0.57	33.88 1.46 0.00	68.79 2.62 0.00	188.15 6.88 0.00	40.04 1.47 0.00	30.07 1.04 0.00	20.85 0.75 0.00
INDIAN POINT_GT_2 23659	23.10 0.67 0.00	19.43 0.52 0.00	25.43 0.59 0.00	24.15 0.67 0.00	21.36 0.62 0.00	20.11 0.52 0.00	17.49 0.48 0.00	12.40 0.38 0.00	13.27 0.45 0.00	14.00 0.56 0.00	14.76 0.63 0.00	10.85 0.51 0.00	14.00 0.65 0.00	18.14 0.93 0.22	19.45 1.14 2.00	23.07 1.47 5.39	23.55 1.40 5.01	21.39 1.11 0.57	33.88 1.46 0.00	68.79 2.62 0.00	188.15 6.88 0.00	40.04 1.47 0.00	30.07 1.04 0.00	20.85 0.75 0.00
INDIAN POINT_GT_3 24019	23.10 0.67 0.00	19.43 0.52 0.00	25.43 0.59 0.00	24.15 0.67 0.00	21.36 0.62 0.00	20.11 0.52 0.00	17.49 0.48 0.00	12.40 0.38 0.00	13.27 0.45 0.00	14.00 0.56 0.00	14.76 0.63 0.00	10.85 0.51 0.00	14.00 0.65 0.00	18.14 0.93 0.22	19.45 1.14 2.00	23.07 1.47 5.39	23.55 1.40 5.01	21.39 1.11 0.57	33.88 1.46 0.00	68.79 2.62 0.00	188.15 6.88 0.00	40.04 1.47 0.00	30.07 1.04 0.00	20.85 0.75 0.00
INDIAN POINT___2 23530	23.07 0.65 0.00	19.41 0.50 0.00	25.41 0.57 0.00	24.13 0.66 0.00	21.34 0.60 0.00	20.09 0.50 0.00	17.47 0.46 0.00	12.39 0.37 0.00	13.27 0.44 0.00	13.99 0.56 0.00	14.75 0.62 0.00	10.84 0.50 0.00	14.00 0.65 0.00	18.13 0.92 0.23	19.42 1.13 2.02	23.00 1.47 5.46	23.48 1.39 5.07	21.36 1.10 0.58	33.84 1.42 0.00	68.72 2.55 0.00	188.01 6.74 0.00	40.01 1.44 0.00	30.04 1.02 0.00	20.83 0.73 0.00
INDIAN POINT___3 23531	23.08 0.66 0.00	19.41 0.50 0.00	25.41 0.58 0.00	24.14 0.67 0.00	21.35 0.61 0.00	20.10 0.52 0.00	17.48 0.46 0.00	12.40 0.38 0.00	13.27 0.44 0.00	13.99 0.56 0.00	14.75 0.62 0.00	10.84 0.50 0.00	14.00 0.65 0.00	18.13 0.92 0.22	19.43 1.12 2.00	23.05 1.45 5.39	23.54 1.38 5.01	21.37 1.10 0.57	33.85 1.43 0.00	68.72 2.55 0.00	188.00 6.73 0.00	40.01 1.44 0.00	30.04 1.02 0.00	20.83 0.73 0.00
INGHAM_C_115KV_TB7 356103	22.04 -0.39 0.00	18.60 -0.31 0.00	24.42 -0.42 0.00	23.13 -0.35 0.00	20.43 -0.31 0.00	19.26 -0.33 0.00	16.66 -0.35 0.00	11.75 -0.26 0.00	12.49 -0.34 0.00	12.95 -0.48 0.00	13.42 -0.72 0.00	9.81 -0.52 0.00	12.71 -0.64 0.00	16.45 -0.76 0.22	17.53 -0.85 1.94	21.00 -0.76 5.23	21.68 -0.63 4.85	19.97 -0.32 0.55	31.94 -0.48 0.00	65.78 -0.39 0.00	179.82 -1.44 0.00	38.16 -0.41 0.00	28.68 -0.34 0.00	19.91 -0.19 0.00
IP CORINTH___1 23988	23.06 0.64 0.00	19.51 0.60 0.00	25.55 0.71 0.00	24.13 0.66 0.00	21.30 0.56 0.00	20.12 0.53 0.00	17.36 0.35 0.00	12.28 0.27 0.00	13.01 0.18 0.00	13.55 0.12 0.00	14.16 0.03 0.00	10.42 0.09 0.00	13.47 0.12 0.00	17.43 0.15 0.15	19.22 0.26 1.35	23.86 0.50 3.64	24.33 0.55 3.38	21.00 0.54 0.38	33.43 1.01 0.00	68.59 2.42 0.00	187.07 5.80 0.00	39.72 1.15 0.00	29.70 0.68 0.00	20.59 0.49 0.00
IP___TICONDEROGA 23804	23.44 1.01 0.00	20.05 1.14 0.00	26.09 1.25 0.00	24.46 0.98 0.00	21.46 0.72 0.00	20.35 0.76 0.00	17.56 0.55 0.00	12.49 0.48 0.00	13.05 0.23 0.00	13.69 0.26 0.00	14.38 0.25 0.00	10.74 0.40 0.00	13.86 0.51 0.00	17.72 0.44 0.15	19.68 0.72 1.35	24.30 0.94 3.64	24.91 1.13 3.38	21.78 1.33 0.38	34.67 2.25 0.00	71.57 5.41 0.00	192.33 11.06 0.00	40.73 2.16 0.00	30.15 1.12 0.00	21.00 0.90 0.00
ISLIP_RES_REC 323679	14.68 1.47 9.22	16.24 1.10 3.77	25.05 1.34 1.13	24.66 1.28 0.10	21.96 1.22 0.00	20.70 1.12 0.00	17.98 0.97 0.00	12.74 0.73 0.00	13.58 0.76 0.00	14.32 0.89 0.00	9.86 1.04 5.31	6.63 0.81 4.52	10.43 1.08 4.00	16.41 1.55 2.57	22.52 1.93 -0.29	26.34 2.52 3.17	27.31 2.42 2.28	22.17 1.89 0.56	34.92 2.50 0.00	70.96 4.79 0.00	193.44 12.17 0.00	41.12 2.54 0.00	30.85 1.96 0.13	18.71 1.57 2.97

JAMAICA__27_KV_LOAD 355505	23.26 0.83 0.00	19.55 0.63 0.00	25.59 0.75 0.00	24.34 0.87 0.00	21.58 0.83 0.00	20.30 0.71 0.00	17.66 0.65 0.00	12.52 0.50 0.00	13.42 0.60 0.00	14.15 0.71 0.00	14.91 0.78 0.00	10.94 0.60 0.00	14.14 0.79 0.00	18.31 1.10 0.22	19.74 1.34 1.91	23.37 1.73 5.35	23.82 1.61 4.97	21.56 1.28 0.57	34.05 1.64 0.00	69.12 2.95 0.00	188.70 7.43 0.00	40.25 1.67 0.00	30.26 1.24 0.00	20.98 0.88 0.00
JANIS__SOLAR 323808	22.75 0.24 -0.09	19.24 0.18 -0.15	25.18 0.25 -0.08	23.77 0.24 -0.05	21.12 0.31 -0.07	20.15 0.37 -0.19	17.34 0.31 -0.02	12.14 0.11 -0.02	12.92 0.09 -0.01	13.47 0.04 0.00	14.07 -0.06 0.00	10.10 -0.24 0.00	13.04 -0.31 0.00	15.68 -0.35 1.40	7.26 -0.48 12.57	-7.27 -0.34 33.92	-4.65 -0.31 31.51	16.98 -0.27 3.59	32.61 0.14 -0.05	67.62 1.22 -0.22	186.44 4.97 -0.20	39.73 0.97 -0.18	29.69 0.67 0.00	20.57 0.47 0.00
JARVIS____ 23743	22.31 -0.11 0.00	18.82 -0.09 0.00	24.71 -0.13 0.00	23.38 -0.09 0.00	20.66 -0.08 0.00	19.51 -0.08 0.00	16.93 -0.08 0.00	11.96 -0.06 0.00	12.76 -0.06 0.00	13.37 -0.07 0.00	14.05 -0.08 0.00	10.28 -0.06 0.00	13.27 -0.08 0.00	17.13 -0.08 0.22	18.28 -0.09 1.94	21.65 -0.11 5.23	22.20 -0.11 4.85	20.22 -0.07 0.55	32.31 -0.10 0.00	65.98 -0.19 0.00	180.73 -0.54 0.00	38.46 -0.11 0.00	28.94 -0.08 0.00	20.05 -0.05 0.00
JENNISON____1 23625	22.70 0.27 0.00	19.20 0.29 0.00	25.23 0.40 0.00	23.84 0.36 0.00	21.12 0.38 0.00	20.04 0.45 0.00	17.43 0.42 0.00	12.27 0.25 0.00	13.14 0.31 0.00	13.75 0.31 0.00	14.41 0.28 0.00	10.38 0.04 0.00	13.35 0.00 0.00	16.35 0.00 1.08	10.58 0.00 9.72	0.94 0.18 26.23	2.99 0.19 24.36	18.27 0.20 2.78	33.07 0.65 0.00	67.76 1.59 0.00	185.66 4.38 0.00	39.44 0.87 0.00	29.72 0.70 0.00	20.59 0.49 0.00
JENNISON____2 23626	22.70 0.27 0.00	19.20 0.29 0.00	25.23 0.40 0.00	23.84 0.36 0.00	21.12 0.38 0.00	20.04 0.45 0.00	17.43 0.42 0.00	12.27 0.25 0.00	13.14 0.31 0.00	13.75 0.31 0.00	14.41 0.28 0.00	10.38 0.04 0.00	13.35 0.00 0.00	16.35 0.00 1.08	10.58 0.00 9.72	0.94 0.18 26.23	2.99 0.19 24.36	18.27 0.20 2.78	33.07 0.65 0.00	67.76 1.59 0.00	185.66 4.38 0.00	39.44 0.87 0.00	29.72 0.70 0.00	20.59 0.49 0.00
JERICOHO_RISE_WT_PWR 323719	22.53 0.10 0.00	19.02 0.11 0.00	24.98 0.14 0.00	23.48 0.00 0.00	20.75 0.01 0.00	19.66 0.07 0.00	17.15 0.14 0.00	12.16 0.14 0.00	12.98 0.16 0.00	13.60 0.16 0.00	14.30 0.17 0.00	10.50 0.16 0.00	13.53 0.18 0.00	17.39 0.14 0.18	18.74 0.07 1.64	22.61 0.05 4.43	23.09 0.04 4.11	20.26 -0.11 0.47	32.23 -0.18 0.00	65.87 -0.30 0.00	181.17 -0.10 0.00	38.71 0.13 0.00	29.12 0.10 0.00	19.95 -0.15 0.00
KATONAH__115KV_46KV_TB4 355592	23.20 0.78 0.00	19.52 0.60 0.00	25.55 0.71 0.00	24.25 0.77 0.00	21.45 0.71 0.00	20.20 0.62 0.00	17.57 0.55 0.00	12.45 0.44 0.00	13.33 0.51 0.00	14.06 0.62 0.00	14.82 0.69 0.00	10.89 0.55 0.00	14.07 0.72 0.00	18.22 1.01 0.22	19.58 1.22 1.95	23.31 1.58 5.26	23.80 1.52 4.89	21.50 1.22 0.56	34.05 1.63 0.00	69.16 2.99 0.00	189.02 7.75 0.00	40.22 1.65 0.00	30.20 1.18 0.00	20.93 0.83 0.00
KCE_NY_1 323755	23.01 0.59 0.00	19.45 0.54 0.00	25.49 0.66 0.00	24.08 0.61 0.00	21.26 0.51 0.00	20.07 0.48 0.00	17.37 0.36 0.00	12.28 0.26 0.00	13.03 0.20 0.00	13.58 0.14 0.00	14.22 0.09 0.00	10.45 0.11 0.00	13.52 0.17 0.00	17.52 0.24 0.15	19.30 0.34 1.35	23.91 0.55 3.64	24.37 0.58 3.38	20.98 0.52 0.38	33.40 0.98 0.00	68.31 2.14 0.00	186.50 5.23 0.00	39.68 1.11 0.00	29.69 0.67 0.00	20.61 0.50 0.00
KCE_NY_6_ESR 323823	21.10 -1.06 0.26	17.63 -0.86 0.43	23.57 -1.03 0.25	22.24 -1.08 0.16	19.58 -0.95 0.21	18.30 -0.73 0.56	16.35 -0.61 0.06	11.38 -0.59 0.05	12.24 -0.54 0.04	12.91 -0.52 0.00	13.89 -0.24 0.00	9.82 -0.52 0.00	12.62 -0.73 0.00	15.24 -1.12 1.08	9.59 -1.03 9.69	-0.27 -1.11 26.16	1.71 -1.17 24.29	16.74 -1.33 2.77	30.42 -1.84 0.16	62.18 -3.33 0.66	172.96 -7.72 0.59	36.06 -1.98 0.54	27.66 -1.37 0.00	19.39 -0.71 0.00
KEDC_PORT_JEFF_GT2 24210	13.64 1.39 10.17	15.79 1.03 4.16	24.85 1.26 1.25	24.57 1.20 0.10	21.88 1.14 0.00	20.63 1.04 0.00	17.92 0.91 0.00	12.70 0.68 0.00	13.54 0.72 0.00	14.28 0.85 0.00	9.28 1.01 5.86	6.14 0.79 4.99	9.98 1.04 4.41	15.99 1.50 2.94	22.11 1.86 0.06	26.02 2.41 3.38	26.95 2.33 2.54	22.09 1.81 0.56	34.75 2.34 0.00	70.58 4.41 0.00	192.35 11.08 0.00	40.91 2.34 0.00	30.67 1.80 0.16	17.88 1.47 3.69
KEDC_PORT_JEFF_GT3 24211	13.64 1.39 10.17	15.79 1.03 4.16	24.85 1.26 1.25	24.57 1.20 0.10	21.88 1.14 0.00	20.63 1.04 0.00	17.92 0.91 0.00	12.70 0.68 0.00	13.54 0.72 0.00	14.28 0.85 0.00	9.28 1.01 5.86	6.14 0.79 4.99	9.98 1.04 4.41	15.99 1.50 2.94	22.11 1.86 0.06	26.02 2.41 3.38	26.95 2.33 2.54	22.09 1.81 0.56	34.75 2.34 0.00	70.58 4.41 0.00	192.35 11.08 0.00	40.91 2.34 0.00	30.67 1.80 0.16	17.88 1.47 3.69
KEDC_GLWD_GT4 24219	43.74 1.03 -20.29	28.00 0.80 -8.29	28.28 0.96 -2.49	24.68 0.98 -0.22	21.65 0.90 -0.01	20.40 0.81 -0.01	17.73 0.71 -0.01	12.57 0.54 -0.01	13.44 0.61 -0.01	14.19 0.75 -0.01	26.70 0.88 -11.69	20.99 0.70 -9.95	23.06 0.91 -8.80	28.30 1.28 -9.59	35.11 1.56 -13.25	34.13 2.00 -5.14	37.03 1.89 -7.97	21.66 1.39 0.56	34.23 1.81 0.00	69.41 3.24 0.00	189.36 8.09 0.00	40.34 1.77 0.00	31.20 1.43 -0.75	42.59 1.11 -21.38
KEDC_GLWD_GT5 24220	43.74 1.03 -20.29	28.00 0.80 -8.29	28.28 0.96 -2.49	24.68 0.98 -0.22	21.65 0.90 -0.01	20.40 0.81 -0.01	17.73 0.71 -0.01	12.57 0.54 -0.01	13.44 0.61 -0.01	14.19 0.75 -0.01	26.70 0.88 -11.69	20.99 0.70 -9.95	23.06 0.91 -8.80	28.30 1.28 -9.59	35.11 1.56 -13.25	34.13 2.00 -5.14	37.03 1.89 -7.97	21.66 1.39 0.56	34.23 1.81 0.00	69.41 3.24 0.00	189.36 8.09 0.00	40.34 1.77 0.00	31.20 1.43 -0.75	42.59 1.11 -21.38
KENSICO____ 23655	23.17 0.74 0.00	19.49 0.58 0.00	25.50 0.66 0.00	24.21 0.74 0.00	21.42 0.68 0.00	20.17 0.58 0.00	17.54 0.53 0.00	12.44 0.42 0.00	13.32 0.49 0.00	14.05 0.61 0.00	14.81 0.68 0.00	10.89 0.55 0.00	14.06 0.71 0.00	18.20 0.99 0.22	19.54 1.21 1.98	23.20 1.56 5.35	23.68 1.49 4.97	21.46 1.19 0.56	33.97 1.56 0.00	68.97 2.80 0.00	188.58 7.31 0.00	40.15 1.57 0.00	30.15 1.13 0.00	20.91 0.81 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.20 0.78 0.00	19.51 0.59 0.00	25.55 0.71 0.00	24.25 0.78 0.00	21.45 0.71 0.00	20.21 0.62 0.00	17.57 0.56 0.00	12.45 0.43 0.00	13.29 0.46 0.00	13.98 0.54 0.00	14.70 0.57 0.00	10.80 0.46 0.00	13.94 0.59 0.00	18.08 0.88 0.23	19.35 1.10 2.06	22.86 1.41 5.55	23.30 1.28 5.15	21.36 1.10 0.59	34.01 1.59 0.00	69.29 3.12 0.00	189.66 8.39 0.00	40.33 1.76 0.00	30.26 1.24 0.00	20.95 0.85 0.00

KIAC_JFK_GT1 23816	23.14 0.72 0.00	19.44 0.53 0.00	25.46 0.62 0.00	24.23 0.75 0.00	21.47 0.73 0.00	20.20 0.61 0.00	17.56 0.55 0.00	12.45 0.44 0.00	13.36 0.54 0.00	14.08 0.65 0.00	14.84 0.71 0.00	10.89 0.55 0.00	14.08 0.73 0.00	18.23 1.02 0.22	19.64 1.24 1.91	23.23 1.58 5.35	23.68 1.48 4.97	21.42 1.15 0.57	33.76 1.35 0.00	68.48 2.31 0.00	186.96 5.69 0.00	39.89 1.31 0.00	30.07 1.04 0.00	20.87 0.77 0.00
KIAC_JFK_GT2 23817	23.14 0.72 0.00	19.44 0.53 0.00	25.46 0.62 0.00	24.23 0.75 0.00	21.47 0.73 0.00	20.20 0.61 0.00	17.56 0.55 0.00	12.45 0.44 0.00	13.36 0.54 0.00	14.08 0.65 0.00	14.84 0.71 0.00	10.89 0.55 0.00	14.08 0.73 0.00	18.23 1.02 0.22	19.64 1.24 1.91	23.23 1.58 5.35	23.68 1.48 4.97	21.42 1.15 0.57	33.76 1.35 0.00	68.48 2.31 0.00	186.96 5.69 0.00	39.89 1.31 0.00	30.07 1.04 0.00	20.87 0.77 0.00
KIAC_JFK____ 323774	23.14 0.71 0.00	19.44 0.53 0.00	25.46 0.62 0.00	24.23 0.75 0.00	21.47 0.73 0.00	20.20 0.61 0.00	17.56 0.55 0.00	12.45 0.44 0.00	13.36 0.54 0.00	14.08 0.65 0.00	14.84 0.71 0.00	10.89 0.55 0.00	14.08 0.73 0.00	18.23 1.02 0.22	19.65 1.25 1.91	23.25 1.60 5.35	23.69 1.49 4.97	21.42 1.15 0.57	33.75 1.34 0.00	68.47 2.30 0.00	186.96 5.70 0.00	39.89 1.31 0.00	30.07 1.04 0.00	20.87 0.77 0.00
KINTIGH__24_KV_GSU 356498	20.91 -1.33 0.19	17.52 -1.08 0.31	23.33 -1.33 0.18	22.02 -1.33 0.12	19.40 -1.19 0.15	18.20 -0.98 0.41	16.17 -0.80 0.04	11.27 -0.71 0.04	12.12 -0.68 0.03	12.78 -0.66 0.00	13.70 -0.43 0.00	9.73 -0.61 0.00	12.51 -0.84 0.00	15.16 -1.26 1.01	9.95 -1.25 9.11	0.96 -1.45 24.58	2.86 -1.47 22.83	16.72 -1.52 2.60	30.12 -2.18 0.11	61.50 -4.19 0.48	170.57 -10.27 0.43	35.75 -2.43 0.39	27.31 -1.71 0.00	19.12 -0.98 0.00
KINTIGH____ 23543	21.07 -1.35 0.00	17.82 -1.09 0.00	23.49 -1.35 0.00	22.12 -1.36 0.00	19.53 -1.21 0.00	18.60 -0.99 0.00	16.19 -0.82 0.00	11.29 -0.72 0.00	12.13 -0.69 0.00	12.77 -0.67 0.00	13.69 -0.45 0.00	9.72 -0.63 0.00	12.50 -0.85 0.00	15.15 -1.27 1.01	9.95 -1.24 9.11	0.97 -1.45 24.58	2.86 -1.48 22.83	16.70 -1.55 2.60	30.20 -2.22 0.00	61.90 -4.27 0.00	170.79 -10.48 0.00	36.10 -2.48 0.00	27.29 -1.74 0.00	19.11 -0.99 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.81 0.38 0.00	19.26 0.35 0.00	25.27 0.43 0.00	23.74 0.27 0.00	20.99 0.25 0.00	19.86 0.28 0.00	17.32 0.31 0.00	12.28 0.27 0.00	13.10 0.27 0.00	13.71 0.27 0.00	14.47 0.34 0.00	10.61 0.27 0.00	13.66 0.31 0.00	17.57 0.31 0.16	19.10 0.28 1.48	23.31 0.32 4.00	23.72 0.27 3.72	20.56 0.14 0.42	32.68 0.27 0.00	66.76 0.60 0.00	183.58 2.31 0.00	39.21 0.64 0.00	29.47 0.44 0.00	20.20 0.10 0.00
LACHUTE____HYDRO 323717	23.44 1.01 0.00	20.05 1.14 0.00	26.09 1.25 0.00	24.46 0.98 0.00	21.46 0.72 0.00	20.35 0.76 0.00	17.56 0.55 0.00	12.49 0.48 0.00	13.05 0.23 0.00	13.69 0.26 0.00	14.38 0.25 0.00	10.74 0.40 0.00	13.86 0.51 0.00	17.72 0.44 0.15	19.68 0.72 1.35	24.30 0.95 3.64	24.92 1.13 3.38	21.78 1.33 0.38	34.67 2.25 0.00	71.58 5.41 0.00	192.33 11.06 0.00	40.73 2.16 0.00	30.15 1.12 0.00	21.00 0.90 0.00
LAWRNCV_115KV_TB1 80681	22.32 -0.10 0.00	18.81 -0.10 0.00	24.86 0.03 0.00	23.37 -0.10 0.00	20.63 -0.11 0.00	19.51 -0.07 0.00	17.03 0.01 0.00	12.03 0.01 0.00	12.82 0.00 0.00	13.39 -0.04 0.00	13.93 -0.20 0.00	10.29 -0.05 0.00	13.27 -0.09 0.00	16.85 -0.22 0.36	16.68 -0.38 3.25	17.73 -0.50 8.76	18.60 -0.42 8.14	19.50 -0.41 0.93	31.90 -0.52 0.00	65.20 -0.97 0.00	178.78 -2.49 0.00	38.34 -0.23 0.00	28.89 -0.13 0.00	19.83 -0.27 0.00
LEDERLE____ 23769	23.18 0.75 0.00	19.48 0.57 0.00	25.51 0.67 0.00	24.24 0.76 0.00	21.43 0.69 0.00	20.18 0.59 0.00	17.55 0.54 0.00	12.44 0.43 0.00	13.32 0.50 0.00	14.06 0.62 0.00	14.82 0.69 0.00	10.90 0.55 0.00	14.06 0.71 0.00	18.21 1.01 0.23	19.50 1.24 2.04	23.10 1.62 5.51	23.59 1.55 5.12	21.48 1.22 0.58	34.04 1.63 0.00	69.14 2.97 0.00	189.41 8.14 0.00	40.28 1.71 0.00	30.20 1.18 0.00	20.93 0.83 0.00
LIGHTSE_115KV_TB6 355974	21.65 -0.78 0.00	18.26 -0.65 0.00	24.06 -0.78 0.00	22.80 -0.68 0.00	20.09 -0.65 0.00	18.98 -0.61 0.00	16.49 -0.52 0.00	11.61 -0.41 0.00	12.38 -0.44 0.00	12.93 -0.51 0.00	13.56 -0.57 0.00	9.85 -0.48 0.00	12.70 -0.65 0.00	14.36 -0.89 2.18	-0.36 -1.06 19.61	-27.34 -1.44 52.89	-23.37 -1.40 49.13	14.18 -1.06 5.60	31.07 -1.35 0.00	64.05 -2.12 0.00	177.16 -4.11 0.00	37.77 -0.81 0.00	28.40 -0.63 0.00	19.58 -0.52 0.00
LINDEN COGEN____ 23786	23.11 0.69 0.00	19.44 0.53 0.00	25.30 0.54 0.09	24.15 0.68 0.00	21.37 0.63 0.00	20.11 0.52 0.00	17.52 0.51 0.00	12.44 0.42 0.00	13.33 0.51 0.00	14.09 0.66 0.00	14.85 0.72 0.00	10.92 0.58 0.00	14.09 0.74 0.00	18.25 1.04 0.22	19.60 1.28 1.98	23.26 1.61 5.35	23.72 1.52 4.97	21.49 1.21 0.56	33.95 1.53 0.00	68.80 2.64 0.00	188.04 6.78 0.00	40.11 1.53 0.00	30.12 1.10 0.00	20.89 0.79 0.00
LINDHRST_69_KV_BK1 356055	30.86 1.44 -7.00	22.88 1.11 -2.86	27.05 1.36 -0.86	24.85 1.30 -0.07	21.95 1.21 0.00	20.69 1.10 0.00	17.96 0.95 0.00	12.72 0.70 0.00	13.57 0.75 0.00	14.32 0.88 0.00	19.21 1.05 -4.03	14.60 0.82 -3.44	17.47 1.08 -3.04	22.81 1.55 -3.83	28.34 1.90 -6.13	29.91 2.46 -0.45	31.71 2.35 -2.19	22.08 1.81 0.56	34.85 2.43 0.00	70.77 4.60 0.00	192.71 11.44 0.00	41.02 2.45 0.00	31.25 1.90 -0.32	30.97 1.51 -9.37
LIPA_MISC_IPP 23656	13.21 1.39 10.61	15.60 1.02 4.34	24.78 1.24 1.30	24.55 1.19 0.11	21.88 1.15 0.00	20.63 1.05 0.00	17.93 0.92 0.00	12.71 0.69 0.00	13.54 0.72 0.00	14.29 0.86 0.00	9.02 1.00 6.11	5.92 0.79 5.20	9.79 1.04 4.60	15.81 1.49 3.12	21.93 1.84 0.22	25.89 2.37 3.48	26.80 2.30 2.66	22.11 1.83 0.56	34.79 2.37 0.00	70.65 4.47 0.00	192.51 11.24 0.00	40.93 2.36 0.00	30.68 1.83 0.17	17.57 1.49 4.03
LISF____SOLAR 323691	13.41 1.42 10.44	15.70 1.05 4.27	24.83 1.27 1.28	24.58 1.22 0.11	21.91 1.18 0.00	20.66 1.08 0.00	17.96 0.95 0.00	12.72 0.71 0.00	13.56 0.73 0.00	14.29 0.86 0.00	9.12 1.01 6.02	6.01 0.79 5.12	9.86 1.04 4.53	15.88 1.49 3.05	22.03 1.87 0.16	25.96 2.41 3.44	26.87 2.32 2.62	22.13 1.85 0.56	34.83 2.42 0.00	70.77 4.60 0.00	192.87 11.60 0.00	41.00 2.43 0.00	30.74 1.88 0.16	17.74 1.54 3.90
LITTLE FALLS____HYD 24013	22.04 -0.39 0.00	18.60 -0.31 0.00	24.42 -0.42 0.00	23.13 -0.35 0.00	20.43 -0.31 0.00	19.26 -0.33 0.00	16.66 -0.35 0.00	11.75 -0.26 0.00	12.49 -0.34 0.00	12.95 -0.48 0.00	13.42 -0.72 0.00	9.81 -0.52 0.00	12.71 -0.64 0.00	16.45 -0.76 0.22	17.53 -0.85 1.94	21.00 -0.76 5.23	21.68 -0.63 4.85	19.97 -0.32 0.55	31.94 -0.48 0.00	65.78 -0.39 0.00	179.82 -1.44 0.00	38.16 -0.41 0.00	28.68 -0.34 0.00	19.91 -0.19 0.00

LITTLRIV_115KV_TB1 356100	22.64 0.22 0.00	19.07 0.16 0.00	25.20 0.37 0.00	23.68 0.21 0.00	20.90 0.16 0.00	19.78 0.20 0.00	17.26 0.24 0.00	12.17 0.15 0.00	12.93 0.10 0.00	13.48 0.04 0.00	13.97 -0.16 0.00	10.32 -0.02 0.00	13.31 -0.05 0.00	16.87 -0.17 0.38	16.53 -0.34 3.44	17.27 -0.43 9.28	18.26 -0.28 8.62	19.54 -0.32 0.98	32.13 -0.29 0.00	65.82 -0.35 0.00	181.42 0.16 0.00	38.90 0.33 0.00	29.30 0.27 0.00	20.09 -0.02 0.00
LI_NEWBRDGE___DRP 323616	6.57 0.99 16.85	12.78 0.75 6.88	23.69 0.92 2.07	24.21 0.91 0.18	21.59 0.85 0.01	20.35 0.77 0.01	17.66 0.66 0.01	12.51 0.50 0.01	13.36 0.54 0.01	14.12 0.69 0.01	5.27 0.85 9.71	2.75 0.68 8.26	6.93 0.88 7.30	13.11 1.26 5.59	19.32 1.53 2.52	24.04 1.95 4.91	24.56 1.81 4.42	21.64 1.36 0.56	34.12 1.71 0.00	69.20 3.03 0.00	188.46 7.19 0.00	40.17 1.60 0.00	29.94 1.26 0.35	12.33 1.09 8.86
LOCKPORT_115KV_TB60_63_64 80432	20.96 -1.47 0.00	17.72 -1.20 0.00	23.36 -1.48 0.00	21.97 -1.50 0.00	19.41 -1.33 0.00	18.49 -1.10 0.00	16.14 -0.87 0.00	11.22 -0.80 0.00	12.05 -0.77 0.00	12.67 -0.76 0.00	13.65 -0.48 0.00	9.61 -0.74 0.00	12.33 -1.02 0.00	14.87 -1.49 1.06	9.45 -1.29 9.57	-0.26 -1.44 25.82	1.71 -1.47 23.98	16.34 -1.77 2.73	29.82 -2.60 0.00	61.29 -4.88 0.00	169.53 -11.74 0.00	35.81 -2.76 0.00	27.13 -1.90 0.00	19.03 -1.07 0.00
LOCKPORT___CC1 323769	20.76 -1.46 0.20	17.39 -1.19 0.34	23.17 -1.48 0.19	21.85 -1.50 0.12	19.25 -1.33 0.16	18.06 -1.09 0.44	16.09 -0.87 0.04	11.18 -0.80 0.04	12.02 -0.77 0.03	12.68 -0.75 0.00	13.66 -0.47 0.00	9.62 -0.73 0.00	12.35 -1.00 0.00	14.88 -1.48 1.06	9.40 -1.34 9.57	-0.33 -1.50 25.82	1.66 -1.53 23.98	16.35 -1.76 2.73	29.74 -2.55 0.12	60.84 -4.82 0.51	169.23 -11.58 0.46	35.41 -2.74 0.42	27.14 -1.89 0.00	19.04 -1.07 0.00
LOCKPORT___CC2 323770	20.76 -1.46 0.20	17.39 -1.19 0.34	23.17 -1.48 0.19	21.85 -1.50 0.12	19.25 -1.33 0.16	18.06 -1.09 0.44	16.09 -0.87 0.04	11.18 -0.80 0.04	12.02 -0.77 0.03	12.68 -0.75 0.00	13.66 -0.47 0.00	9.62 -0.73 0.00	12.35 -1.00 0.00	14.88 -1.48 1.06	9.40 -1.34 9.57	-0.33 -1.50 25.82	1.66 -1.53 23.98	16.35 -1.76 2.73	29.74 -2.55 0.12	60.84 -4.82 0.51	169.23 -11.58 0.46	35.41 -2.74 0.42	27.14 -1.89 0.00	19.04 -1.07 0.00
LOCKPORT___CC3 323771	20.76 -1.46 0.20	17.39 -1.19 0.34	23.17 -1.48 0.19	21.85 -1.50 0.12	19.25 -1.33 0.16	18.06 -1.09 0.44	16.09 -0.87 0.04	11.18 -0.80 0.04	12.02 -0.77 0.03	12.68 -0.75 0.00	13.66 -0.47 0.00	9.62 -0.73 0.00	12.35 -1.00 0.00	14.88 -1.48 1.06	9.40 -1.34 9.57	-0.33 -1.50 25.82	1.66 -1.53 23.98	16.35 -1.76 2.73	29.74 -2.55 0.12	60.84 -4.82 0.51	169.23 -11.58 0.46	35.41 -2.74 0.42	27.14 -1.89 0.00	19.04 -1.07 0.00
LOCUSVLY_69_KV_BK2 55797	37.16 1.14 -13.59	25.35 0.88 -5.56	27.58 1.07 -1.67	24.69 1.07 -0.15	21.74 0.99 -0.01	20.48 0.89 -0.01	17.79 0.78 -0.01	12.61 0.59 -0.01	13.48 0.65 -0.01	14.24 0.80 -0.01	22.91 0.95 -7.83	17.76 0.75 -6.67	20.22 0.98 -5.89	25.62 1.39 -6.80	32.12 1.67 -10.14	32.29 2.15 -3.14	34.72 2.05 -5.50	21.81 1.53 0.56	34.41 1.99 0.00	69.77 3.60 0.00	190.23 8.96 0.00	40.52 1.94 0.00	31.08 1.51 -0.55	37.05 1.21 -15.74
LONG_LAKE_PHOENIX 24014	21.48 -0.94 0.00	18.12 -0.80 0.00	23.82 -1.02 0.00	22.52 -0.95 0.00	19.90 -0.84 0.00	18.80 -0.79 0.00	16.33 -0.68 0.00	11.48 -0.53 0.00	12.25 -0.58 0.00	12.82 -0.61 0.00	13.50 -0.62 0.00	9.81 -0.52 0.00	12.66 -0.69 0.00	13.95 -0.91 2.57	-3.79 -1.02 23.09	-36.61 -1.33 62.28	-32.01 -1.32 57.85	13.25 -1.00 6.59	31.01 -1.40 0.00	63.58 -2.59 0.00	174.94 -6.33 0.00	37.16 -1.42 0.00	27.94 -1.08 0.00	19.38 -0.72 0.00
LOVETT___3 23632	23.05 0.63 0.00	19.39 0.48 0.00	25.39 0.55 0.00	24.12 0.65 0.00	21.33 0.59 0.00	20.08 0.49 0.00	17.46 0.45 0.00	12.38 0.36 0.00	13.26 0.43 0.00	13.98 0.55 0.00	14.74 0.61 0.00	10.83 0.49 0.00	13.98 0.64 0.00	18.11 0.91 0.23	19.39 1.11 2.03	22.95 1.43 5.48	23.44 1.36 5.09	21.34 1.08 0.58	33.81 1.40 0.00	68.67 2.50 0.00	187.91 6.64 0.00	39.98 1.41 0.00	30.02 1.00 0.00	20.81 0.71 0.00
LOVETT___4 23642	23.05 0.63 0.00	19.39 0.48 0.00	25.39 0.55 0.00	24.12 0.65 0.00	21.33 0.59 0.00	20.08 0.49 0.00	17.46 0.45 0.00	12.38 0.36 0.00	13.26 0.43 0.00	13.98 0.55 0.00	14.74 0.61 0.00	10.83 0.49 0.00	13.98 0.64 0.00	18.11 0.91 0.23	19.39 1.11 2.03	22.95 1.43 5.48	23.44 1.36 5.09	21.34 1.08 0.58	33.81 1.40 0.00	68.67 2.50 0.00	187.91 6.64 0.00	39.98 1.41 0.00	30.02 1.00 0.00	20.81 0.71 0.00
LOVETT___5 23593	23.05 0.63 0.00	19.39 0.48 0.00	25.39 0.55 0.00	24.12 0.65 0.00	21.33 0.59 0.00	20.08 0.49 0.00	17.46 0.45 0.00	12.38 0.36 0.00	13.26 0.43 0.00	13.98 0.55 0.00	14.74 0.61 0.00	10.83 0.49 0.00	13.98 0.64 0.00	18.11 0.91 0.23	19.39 1.11 2.03	22.95 1.43 5.48	23.44 1.36 5.09	21.34 1.08 0.58	33.81 1.40 0.00	68.67 2.50 0.00	187.91 6.64 0.00	39.98 1.41 0.00	30.02 1.00 0.00	20.81 0.71 0.00
LOWER RAQUET___HYD 24057	22.22 -0.21 0.00	18.72 -0.19 0.00	24.76 -0.08 0.00	23.27 -0.21 0.00	20.54 -0.21 0.00	19.42 -0.17 0.00	16.95 -0.06 0.00	11.97 -0.05 0.00	12.76 -0.07 0.00	13.32 -0.12 0.00	13.85 -0.28 0.00	10.23 -0.11 0.00	13.18 -0.17 0.00	16.70 -0.33 0.40	16.17 -0.52 3.62	16.54 -0.69 9.77	17.50 -0.59 9.08	19.26 -0.54 1.03	31.72 -0.70 0.00	64.89 -1.28 0.00	178.12 -3.15 0.00	38.20 -0.37 0.00	28.78 -0.25 0.00	19.73 -0.37 0.00
LOWER___HUDSON 24059	22.70 0.28 0.00	19.19 0.28 0.00	25.13 0.29 0.00	23.75 0.27 0.00	20.97 0.23 0.00	19.79 0.20 0.00	17.14 0.13 0.00	12.14 0.12 0.00	12.90 0.07 0.00	13.45 0.01 0.00	14.08 -0.05 0.00	10.36 0.01 0.00	13.42 0.07 0.00	17.37 0.09 0.15	19.11 0.15 1.35	23.50 0.15 3.65	23.92 0.14 3.39	20.66 0.20 0.39	32.82 0.40 0.00	67.08 0.91 0.00	182.94 1.67 0.00	38.94 0.37 0.00	29.24 0.22 0.00	20.33 0.23 0.00
LOWVILLE_115KV_TB2 356335	21.94 -0.48 0.00	18.55 -0.37 0.00	24.50 -0.34 0.00	23.29 -0.18 0.00	20.51 -0.23 0.00	19.38 -0.20 0.00	16.89 -0.13 0.00	11.93 -0.09 0.00	12.72 -0.11 0.00	13.24 -0.20 0.00	13.78 -0.35 0.00	10.04 -0.30 0.00	12.92 -0.43 0.00	15.90 -0.62 0.90	11.28 -0.90 8.14	3.85 -1.18 21.96	5.81 -0.96 20.40	17.78 -0.74 2.33	31.71 -0.71 0.00	65.63 -0.54 0.00	182.02 0.75 0.00	38.86 0.29 0.00	29.15 0.12 0.00	19.94 -0.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.02 0.59 0.00	19.45 0.54 0.00	25.49 0.65 0.00	24.08 0.61 0.00	21.26 0.52 0.00	20.08 0.49 0.00	17.37 0.36 0.00	12.28 0.26 0.00	13.03 0.20 0.00	13.58 0.14 0.00	14.21 0.08 0.00	10.44 0.10 0.00	13.52 0.17 0.00	17.51 0.23 0.15	19.28 0.32 1.35	23.88 0.52 3.64	24.35 0.56 3.38	20.96 0.50 0.38	33.36 0.94 0.00	68.27 2.10 0.00	186.41 5.15 0.00	39.65 1.08 0.00	29.70 0.67 0.00	20.61 0.51 0.00

LUTHERNY_35_KV_BK2 355980	23.02 0.59 0.00	19.45 0.54 0.00	25.49 0.65 0.00	24.08 0.61 0.00	21.26 0.51 0.00	20.07 0.48 0.00	17.37 0.36 0.00	12.28 0.26 0.00	13.03 0.20 0.00	13.58 0.14 0.00	14.22 0.09 0.00	10.45 0.11 0.00	13.52 0.17 0.00	17.52 0.24 0.15	19.30 0.34 1.35	23.89 0.53 3.64	24.37 0.58 3.38	20.98 0.52 0.38	33.40 0.98 0.00	68.32 2.15 0.00	186.49 5.23 0.00	39.68 1.11 0.00	29.70 0.67 0.00	20.61 0.51 0.00
LWR___OSWEGATCHIE_HYD 23850	21.85 -0.58 0.00	18.43 -0.48 0.00	24.37 -0.47 0.00	23.03 -0.45 0.00	20.29 -0.45 0.00	19.17 -0.41 0.00	16.73 -0.29 0.00	11.81 -0.20 0.00	12.58 -0.24 0.00	13.12 -0.32 0.00	13.62 -0.51 0.00	9.99 -0.35 0.00	12.87 -0.48 0.00	15.99 -0.72 0.72	12.86 -0.99 6.46	8.25 -1.32 17.43	9.82 -1.16 16.19	18.07 -0.93 1.85	31.29 -1.13 0.00	64.44 -1.73 0.00	178.09 -3.18 0.00	38.11 -0.46 0.00	28.65 -0.38 0.00	19.60 -0.50 0.00
LYONS_FALL_HYD 23570	22.18 -0.25 0.00	18.72 -0.19 0.00	24.68 -0.15 0.00	23.42 -0.06 0.00	20.66 -0.09 0.00	19.51 -0.07 0.00	16.98 -0.03 0.00	11.99 -0.02 0.00	12.80 -0.03 0.00	13.35 -0.08 0.00	13.93 -0.20 0.00	10.14 -0.19 0.00	13.06 -0.29 0.00	16.23 -0.41 0.79	12.60 -0.59 7.12	7.02 -0.76 19.21	8.75 -0.57 17.84	18.41 -0.40 2.03	32.12 -0.30 0.00	66.14 -0.03 0.00	182.72 1.45 0.00	38.95 0.38 0.00	29.23 0.20 0.00	20.08 -0.02 0.00
MADISON___COUNTY_LFGE 323628	22.53 0.11 0.00	18.99 0.08 0.00	24.98 0.14 0.00	23.63 0.16 0.00	20.88 0.14 0.00	19.74 0.16 0.00	17.14 0.13 0.00	12.09 0.07 0.00	12.90 0.07 0.00	13.46 0.03 0.00	14.11 -0.02 0.00	10.25 -0.09 0.00	13.21 -0.14 0.00	16.08 -0.19 1.17	9.61 -1.54 10.49	-1.54 -0.24 28.29	0.75 -0.13 26.28	17.86 0.01 2.99	32.62 0.21 0.00	66.85 0.68 0.00	184.13 2.87 0.00	39.17 0.59 0.00	29.43 0.40 0.00	20.35 0.25 0.00
MALONE___115KV_TB1 356076	22.58 0.16 0.00	19.05 0.14 0.00	25.05 0.21 0.00	23.53 0.06 0.00	20.79 0.05 0.00	19.70 0.11 0.00	17.19 0.17 0.00	12.16 0.14 0.00	12.97 0.15 0.00	13.57 0.13 0.00	14.27 0.14 0.00	10.46 0.12 0.00	13.48 0.13 0.00	17.26 0.07 0.24	18.13 -0.04 2.14	21.16 -0.07 5.77	21.73 -0.07 5.36	20.06 -0.17 0.61	32.29 -0.13 0.00	66.04 -0.13 0.00	181.69 0.42 0.00	38.86 0.29 0.00	29.22 0.20 0.00	20.00 -0.10 0.00
MAPLEWOD_115KV_TB3 80458	22.63 0.20 0.00	19.11 0.20 0.00	25.02 0.18 0.00	23.67 0.20 0.00	20.91 0.17 0.00	19.72 0.13 0.00	17.09 0.08 0.00	12.10 0.08 0.00	12.87 0.04 0.00	13.42 -0.01 0.00	14.09 -0.04 0.00	10.35 0.01 0.00	13.41 0.06 0.00	17.38 0.10 0.15	19.06 0.14 1.39	23.39 0.14 3.74	23.85 0.16 3.48	20.63 0.19 0.40	32.70 0.28 0.00	66.77 0.60 0.00	182.32 1.05 0.00	38.80 0.22 0.00	29.18 0.15 0.00	20.28 0.18 0.00
MAPLE_RIDGE_WT_1 323574	22.20 -0.22 0.00	18.70 -0.21 0.00	24.61 -0.23 0.00	23.30 -0.18 0.00	20.61 -0.13 0.00	19.45 -0.13 0.00	16.91 -0.10 0.00	11.97 -0.05 0.00	12.79 -0.04 0.00	13.39 -0.04 0.00	14.07 -0.06 0.00	10.30 -0.04 0.00	13.30 -0.05 0.00	17.23 -0.08 0.12	19.10 -0.14 1.07	23.90 -0.21 2.88	24.35 -0.14 2.68	20.39 -0.14 0.30	32.24 -0.18 0.00	65.84 -0.32 0.00	180.39 -0.87 0.00	38.40 -0.17 0.00	28.91 -0.12 0.00	19.97 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	22.20 -0.22 0.00	18.70 -0.21 0.00	24.61 -0.23 0.00	23.30 -0.18 0.00	20.61 -0.13 0.00	19.45 -0.13 0.00	16.91 -0.10 0.00	11.97 -0.05 0.00	12.79 -0.04 0.00	13.39 -0.04 0.00	14.07 -0.06 0.00	10.30 -0.04 0.00	13.30 -0.05 0.00	17.23 -0.08 0.12	19.10 -0.14 1.07	23.90 -0.21 2.88	24.35 -0.14 2.68	20.39 -0.14 0.30	32.24 -0.18 0.00	65.84 -0.32 0.00	180.39 -0.87 0.00	38.40 -0.17 0.00	28.91 -0.12 0.00	19.97 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	22.56 0.13 0.00	19.05 0.13 0.00	25.02 0.18 0.00	23.52 0.05 0.00	20.78 0.04 0.00	19.68 0.10 0.00	17.16 0.15 0.00	12.17 0.15 0.00	13.00 0.17 0.00	13.61 0.17 0.00	14.31 0.19 0.00	10.51 0.17 0.00	13.55 0.20 0.00	17.44 0.17 0.16	18.99 0.11 1.43	23.24 0.10 3.85	23.66 0.07 3.58	20.37 -0.07 0.41	32.30 -0.12 0.00	65.97 -0.20 0.00	181.48 0.21 0.00	38.77 0.20 0.00	29.17 0.14 0.00	19.99 -0.11 0.00
MARSHVLE_115KV_TB1 80742	23.27 0.85 0.00	19.57 0.66 0.00	25.80 0.96 0.00	24.36 0.89 0.00	21.59 0.85 0.00	20.42 0.83 0.00	17.73 0.72 0.00	12.47 0.45 0.00	13.30 0.47 0.00	13.83 0.39 0.00	14.38 0.25 0.00	10.44 0.11 0.00	13.42 0.07 0.00	17.26 0.07 0.24	18.17 0.06 2.20	21.45 0.37 5.92	22.62 0.96 5.50	21.02 0.80 0.63	33.36 0.94 0.00	68.87 2.70 0.00	190.14 8.87 0.00	40.50 1.93 0.00	30.42 1.40 0.00	20.98 0.88 0.00
MARSH_HILL_WT_PWR 323713	21.49 -0.94 0.00	18.17 -0.75 0.00	24.00 -0.84 0.00	22.62 -0.85 0.00	19.96 -0.78 0.00	19.07 -0.52 0.00	16.46 -0.55 0.00	11.38 -0.63 0.00	12.21 -0.61 0.00	12.81 -0.63 0.00	13.72 -0.41 0.00	9.81 -0.53 0.00	12.61 -0.74 0.00	15.16 -1.05 1.22	8.27 -1.07 10.98	-3.88 -1.26 29.62	-1.63 -1.28 27.51	16.56 -1.15 3.14	31.06 -1.36 0.00	64.36 -1.81 0.00	177.72 -3.55 0.00	37.55 -1.02 0.00	28.28 -0.75 0.00	19.75 -0.36 0.00
MCINTYRE_115KV_TB2 80467	22.89 0.47 0.00	19.28 0.37 0.00	25.47 0.63 0.00	23.91 0.44 0.00	21.11 0.37 0.00	19.98 0.39 0.00	17.43 0.42 0.00	12.28 0.26 0.00	13.04 0.22 0.00	13.60 0.16 0.00	14.07 -0.05 0.00	10.42 0.08 0.00	13.44 0.09 0.00	17.07 -0.01 0.35	17.02 -0.14 3.15	18.32 -0.17 8.50	19.29 0.02 7.90	19.80 -0.14 0.90	32.42 0.00 0.00	66.26 0.09 0.00	183.06 1.79 0.00	39.25 0.68 0.00	29.56 0.54 0.00	20.28 0.18 0.00
MECO_____69_KV_BK1 80468	23.44 1.02 0.00	19.73 0.82 0.00	25.94 1.10 0.00	24.52 1.04 0.00	21.69 0.96 0.00	20.51 0.92 0.00	17.76 0.75 0.00	12.47 0.46 0.00	13.25 0.42 0.00	13.65 0.22 0.00	14.16 0.03 0.00	10.29 -0.05 0.00	13.25 -0.10 0.00	17.10 -0.12 0.21	18.32 -0.12 1.87	22.60 0.64 5.04	23.66 1.17 4.68	21.07 0.76 0.53	33.41 0.99 0.00	69.15 2.98 0.00	191.44 10.17 0.00	40.72 2.15 0.00	30.55 1.52 0.00	21.09 0.99 0.00
MENANDS___115KV_TB5 355628	22.52 0.10 0.00	19.03 0.12 0.00	24.92 0.08 0.00	23.57 0.09 0.00	20.82 0.08 0.00	19.64 0.06 0.00	17.02 0.00 0.00	12.05 0.03 0.00	12.82 -0.01 0.00	13.38 -0.05 0.00	14.05 -0.08 0.00	10.33 -0.01 0.00	13.38 0.03 0.00	17.34 0.06 0.15	19.01 0.09 1.39	23.30 0.06 3.75	23.74 0.05 3.48	20.55 0.11 0.40	32.55 0.13 0.00	66.41 0.24 0.00	181.21 -0.07 0.00	38.57 -0.01 0.00	29.01 -0.01 0.00	20.18 0.08 0.00
MG INDUSTRY___DRP 24185	22.63 0.21 0.00	19.11 0.19 0.00	25.06 0.22 0.00	23.71 0.23 0.00	20.95 0.21 0.00	19.77 0.18 0.00	17.11 0.10 0.00	12.08 0.07 0.00	12.86 0.03 0.00	13.43 -0.01 0.00	14.11 -0.02 0.00	10.35 0.01 0.00	13.39 0.04 0.00	17.35 0.08 0.16	18.97 0.10 1.44	23.20 0.09 3.88	23.69 0.12 3.60	20.60 0.16 0.41	32.65 0.24 0.00	66.69 0.52 0.00	182.14 0.87 0.00	38.76 0.19 0.00	29.17 0.14 0.00	20.27 0.17 0.00

MID___OSWEGATCHIE_HYD 23849	21.85 -0.58 0.00	18.43 -0.48 0.00	24.37 -0.47 0.00	23.03 -0.45 0.00	20.29 -0.45 0.00	19.17 -0.41 0.00	16.73 -0.29 0.00	11.81 -0.20 0.00	12.58 -0.24 0.00	13.12 -0.32 0.00	13.62 -0.51 0.00	9.99 -0.35 0.00	12.87 -0.48 0.00	15.99 -0.72 0.72	12.86 -0.99 6.46	8.25 -1.32 17.43	9.82 -1.16 16.19	18.07 -0.93 1.85	31.29 -1.13 0.00	64.44 -1.73 0.00	178.09 -3.18 0.00	38.11 -0.46 0.00	28.65 -0.38 0.00	19.60 -0.50 0.00
MID___RAQUETTE_HYD 23851	22.22 -0.21 0.00	18.72 -0.19 0.00	24.75 -0.08 0.00	23.27 -0.21 0.00	20.53 -0.21 0.00	19.42 -0.17 0.00	16.95 -0.06 0.00	11.97 -0.05 0.00	12.76 -0.07 0.00	13.32 -0.11 0.00	13.85 -0.28 0.00	10.23 -0.11 0.00	13.18 -0.17 0.00	16.70 -0.33 0.40	16.17 -0.52 3.62	16.54 -0.69 9.77	17.50 -0.59 9.08	19.26 -0.54 1.03	31.72 -0.69 0.00	64.89 -1.28 0.00	178.12 -3.15 0.00	38.20 -0.37 0.00	28.78 -0.25 0.00	19.73 -0.37 0.00
MILLIKEN___1 23584	22.21 -0.21 0.00	18.73 -0.19 0.00	24.64 -0.19 0.00	23.26 -0.22 0.00	20.59 -0.15 0.00	19.46 -0.12 0.00	16.90 -0.11 0.00	11.85 -0.17 0.00	12.62 -0.20 0.00	13.20 -0.24 0.00	13.90 -0.23 0.00	10.05 -0.29 0.00	12.96 -0.39 0.00	15.24 -0.49 1.70	4.50 -0.55 15.26	-14.85 -0.67 41.17	-11.74 -0.67 38.24	16.00 -0.49 4.36	31.96 -0.45 0.00	65.86 -0.30 0.00	181.48 0.21 0.00	38.53 -0.04 0.00	28.94 -0.09 0.00	20.10 0.00 0.00
MILLIKEN___2 23585	22.21 -0.21 0.00	18.73 -0.19 0.00	24.64 -0.19 0.00	23.26 -0.22 0.00	20.59 -0.15 0.00	19.46 -0.12 0.00	16.90 -0.11 0.00	11.85 -0.17 0.00	12.62 -0.20 0.00	13.20 -0.24 0.00	13.90 -0.23 0.00	10.05 -0.29 0.00	12.96 -0.39 0.00	15.24 -0.49 1.70	4.50 -0.55 15.26	-14.85 -0.67 41.17	-11.74 -0.67 38.24	16.00 -0.49 4.36	31.96 -0.45 0.00	65.86 -0.30 0.00	181.48 0.21 0.00	38.53 -0.04 0.00	28.94 -0.09 0.00	20.10 0.00 0.00
MILLIKEN___DIESEL 23629	22.21 -0.21 0.00	18.73 -0.19 0.00	24.64 -0.19 0.00	23.26 -0.22 0.00	20.59 -0.15 0.00	19.46 -0.12 0.00	16.90 -0.11 0.00	11.85 -0.17 0.00	12.62 -0.20 0.00	13.20 -0.24 0.00	13.90 -0.23 0.00	10.05 -0.29 0.00	12.96 -0.39 0.00	15.24 -0.49 1.70	4.50 -0.55 15.26	-14.85 -0.67 41.17	-11.74 -0.67 38.24	16.00 -0.49 4.36	31.96 -0.45 0.00	65.86 -0.30 0.00	181.48 0.21 0.00	38.53 -0.04 0.00	28.94 -0.09 0.00	20.10 0.00 0.00
MILLSEAT___LFGE 323607	21.19 -1.05 0.18	17.75 -0.86 0.30	23.62 -1.05 0.17	22.27 -1.09 0.11	19.63 -0.96 0.15	18.45 -0.75 0.39	16.38 -0.59 0.04	11.36 -0.62 0.04	12.16 -0.64 0.03	12.78 -0.66 0.00	13.73 -0.40 0.00	9.68 -0.66 0.00	12.44 -0.91 0.00	15.01 -1.35 1.07	9.53 -1.19 9.59	-0.19 -1.31 25.88	1.87 -1.27 24.04	16.60 -1.50 2.74	30.24 -2.07 0.11	62.16 -3.55 0.46	173.27 -7.58 0.41	36.34 -1.85 0.38	27.74 -1.29 0.00	19.39 -0.71 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.12 0.70 0.00	19.45 0.54 0.00	25.46 0.62 0.00	24.17 0.70 0.00	21.38 0.64 0.00	20.13 0.54 0.00	17.51 0.49 0.00	12.41 0.40 0.00	13.29 0.46 0.00	14.01 0.58 0.00	14.77 0.65 0.00	10.86 0.52 0.00	14.02 0.67 0.00	18.16 0.95 0.22	19.48 1.16 1.99	23.12 1.50 5.37	23.60 1.42 4.99	21.41 1.13 0.57	33.91 1.49 0.00	68.84 2.67 0.00	188.25 6.98 0.00	40.07 1.50 0.00	30.09 1.07 0.00	20.87 0.77 0.00
MILLWOOD_13_KV_LOAD 356217	23.15 0.72 0.00	19.47 0.56 0.00	25.49 0.64 0.00	24.20 0.72 0.00	21.41 0.67 0.00	20.15 0.56 0.00	17.53 0.52 0.00	12.43 0.41 0.00	13.30 0.48 0.00	14.03 0.59 0.00	14.79 0.66 0.00	10.87 0.53 0.00	14.03 0.68 0.00	18.17 0.96 0.22	19.50 1.18 1.99	23.15 1.52 5.37	23.63 1.45 4.99	21.43 1.16 0.57	33.95 1.53 0.00	68.94 2.77 0.00	188.52 7.25 0.00	40.13 1.55 0.00	30.13 1.11 0.00	20.89 0.79 0.00
MODEL_CITY_ENERGY 24167	20.56 -1.65 0.22	17.20 -1.35 0.36	22.95 -1.68 0.21	21.65 -1.69 0.14	19.07 -1.50 0.18	17.85 -1.26 0.47	15.96 -1.00 0.05	11.09 -0.89 0.04	11.93 -0.86 0.03	12.59 -0.85 0.00	13.56 -0.57 0.00	9.53 -0.80 0.00	12.23 -1.12 0.00	14.74 -1.63 1.06	9.33 -1.43 9.55	-0.37 -1.61 25.76	1.61 -1.64 23.93	16.20 -1.92 2.73	29.43 -2.85 0.13	60.15 -5.46 0.55	167.38 -13.39 0.50	34.99 -3.13 0.45	26.87 -2.16 0.00	18.86 -1.24 0.00
MODERN_LFGE___ 323580	20.56 -1.65 0.22	17.20 -1.35 0.36	22.95 -1.68 0.21	21.65 -1.69 0.14	19.07 -1.50 0.18	17.85 -1.26 0.47	15.96 -1.00 0.05	11.09 -0.89 0.04	11.93 -0.86 0.03	12.59 -0.85 0.00	13.56 -0.57 0.00	9.53 -0.80 0.00	12.23 -1.12 0.00	14.74 -1.63 1.06	9.33 -1.43 9.55	-0.37 -1.61 25.76	1.61 -1.64 23.93	16.20 -1.92 2.73	29.43 -2.85 0.13	60.15 -5.46 0.55	167.38 -13.39 0.50	34.99 -3.13 0.45	26.87 -2.16 0.00	18.86 -1.24 0.00
MOHAWK_PAPER___DRP 24187	22.63 0.20 0.00	19.11 0.20 0.00	25.02 0.18 0.00	23.67 0.20 0.00	20.91 0.17 0.00	19.72 0.13 0.00	17.09 0.08 0.00	12.10 0.08 0.00	12.87 0.04 0.00	13.42 -0.01 0.00	14.09 -0.04 0.00	10.35 0.01 0.00	13.41 0.06 0.00	17.38 0.10 0.15	19.06 0.14 1.39	23.39 0.14 3.74	23.85 0.16 3.48	20.63 0.19 0.40	32.70 0.28 0.00	66.77 0.60 0.00	182.32 1.05 0.00	38.80 0.22 0.00	29.18 0.15 0.00	20.28 0.18 0.00
MOHICAN___35_KV_115KV_LD 80490	23.12 0.69 0.00	19.56 0.65 0.00	25.61 0.77 0.00	24.18 0.70 0.00	21.33 0.59 0.00	20.15 0.57 0.00	17.41 0.40 0.00	12.32 0.30 0.00	13.02 0.20 0.00	13.57 0.13 0.00	14.18 0.05 0.00	10.45 0.11 0.00	13.51 0.15 0.00	17.47 0.19 0.15	19.27 0.30 1.35	23.91 0.55 3.64	24.39 0.60 3.38	21.05 0.60 0.38	33.54 1.12 0.00	68.85 2.68 0.00	187.62 6.35 0.00	39.84 1.27 0.00	29.78 0.75 0.00	20.66 0.56 0.00
MONGAUP___HYD 23641	23.09 0.67 0.00	19.43 0.52 0.00	25.46 0.63 0.00	24.16 0.69 0.00	21.36 0.62 0.00	20.13 0.54 0.00	17.48 0.47 0.00	12.35 0.33 0.00	13.12 0.30 0.00	13.77 0.33 0.00	14.50 0.37 0.00	10.65 0.31 0.00	13.74 0.39 0.00	17.78 0.59 0.24	18.89 0.72 2.14	22.24 1.03 5.78	22.71 0.91 5.36	20.95 0.72 0.61	33.50 1.08 0.00	68.58 2.42 0.00	188.35 7.07 0.00	40.08 1.51 0.00	30.08 1.06 0.00	20.84 0.74 0.00
MONTAUK___DIESEL 23721	13.64 1.76 10.55	15.82 1.22 4.31	25.18 1.64 1.29	24.99 1.63 0.11	22.27 1.54 0.00	21.15 1.57 0.00	18.51 1.50 0.00	13.13 1.12 0.00	14.03 1.21 0.00	14.87 1.44 0.00	9.68 1.63 6.08	6.40 1.24 5.17	10.40 1.62 4.57	16.60 2.26 3.09	22.84 2.73 0.20	27.12 3.59 3.47	28.11 3.59 2.64	23.15 2.87 0.56	36.50 4.08 0.00	73.98 7.81 0.00	200.67 19.39 0.00	42.46 3.88 0.00	31.80 2.94 0.17	18.37 2.25 3.98
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.82 -0.60 0.00	18.42 -0.49 0.00	24.40 -0.44 0.00	22.96 -0.51 0.00	20.32 -0.42 0.00	19.30 -0.29 0.00	16.76 -0.25 0.00	11.71 -0.31 0.00	12.61 -0.22 0.00	13.24 -0.20 0.00	14.22 0.09 0.00	10.08 -0.26 0.00	12.94 -0.41 0.00	15.67 -0.66 1.09	9.92 -0.55 9.84	-0.09 -0.55 26.53	1.80 -0.72 24.64	17.10 -0.93 2.81	31.24 -1.18 0.00	64.24 -1.93 0.00	177.49 -3.79 0.00	37.26 -1.31 0.00	28.06 -0.97 0.00	19.68 -0.42 0.00

MORRIS_RIDGE___SOLAR 323848	21.45 -1.05 -0.08	18.23 -0.82 -0.13	23.93 -0.98 -0.08	22.54 -0.99 -0.05	19.94 -0.87 -0.06	19.09 -0.67 -0.17	16.37 -0.66 -0.02	11.31 -0.73 -0.02	12.07 -0.76 -0.01	12.67 -0.77 0.00	13.57 -0.56 0.00	9.68 -0.66 0.00	12.45 -0.90 0.00	14.99 -1.28 1.17	8.51 -1.30 10.49	-2.87 -1.55 28.31	-0.76 -1.63 26.29	16.35 -1.50 3.00	30.55 -1.91 -0.05	63.41 -2.96 -0.20	175.10 -6.35 -0.18	37.14 -1.60 -0.17	27.91 -1.11 0.00	19.53 -0.57 0.00
MORTIMER_115KV_TB3 55949	21.45 -0.97 0.00	18.12 -0.80 0.00	23.85 -0.99 0.00	22.47 -1.00 0.00	19.85 -0.89 0.00	18.86 -0.72 0.00	16.40 -0.61 0.00	11.46 -0.56 0.00	12.27 -0.56 0.00	12.88 -0.55 0.00	13.72 -0.41 0.00	9.82 -0.51 0.00	12.66 -0.69 0.00	15.35 -1.01 1.07	9.64 -1.00 9.67	-0.26 -1.18 26.08	1.78 -1.16 24.22	16.93 -1.15 2.76	30.87 -1.55 0.00	63.35 -2.82 0.00	174.64 -6.63 0.00	36.98 -1.59 0.00	27.87 -1.15 0.00	19.42 -0.68 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.25 0.82 0.00	19.55 0.64 0.00	25.56 0.72 0.00	24.30 0.83 0.00	21.51 0.77 0.00	20.25 0.66 0.00	17.63 0.62 0.00	12.51 0.50 0.00	13.41 0.59 0.00	14.16 0.73 0.00	14.92 0.79 0.00	10.95 0.61 0.00	14.15 0.79 0.00	18.32 1.11 0.22	19.67 1.35 1.98	23.37 1.72 5.35	23.84 1.64 4.97	21.58 1.30 0.56	34.13 1.71 0.00	69.23 3.06 0.00	189.18 7.91 0.00	40.30 1.72 0.00	30.27 1.25 0.00	21.00 0.90 0.00
MUNSVILLE_WIND_PWR 323609	23.29 0.78 -0.08	19.67 0.62 -0.13	25.67 0.76 -0.07	24.27 0.75 -0.05	21.72 0.92 -0.06	20.74 0.98 -0.17	17.87 0.84 -0.02	12.55 0.52 -0.02	13.43 0.60 -0.01	14.01 0.58 0.00	14.57 0.44 0.00	10.41 0.08 0.00	13.41 0.06 0.00	16.28 0.09 1.24	9.22 0.06 11.14	-2.77 0.30 30.06	-0.33 0.43 27.92	17.97 0.31 3.18	33.73 1.26 -0.05	69.86 3.49 -0.20	192.23 10.78 -0.18	40.89 2.16 -0.16	30.55 1.52 0.00	21.13 1.03 0.00
N SALMON___HYD 24042	22.58 0.16 0.00	19.05 0.14 0.00	25.05 0.21 0.00	23.53 0.06 0.00	20.79 0.05 0.00	19.70 0.11 0.00	17.19 0.17 0.00	12.16 0.14 0.00	12.97 0.15 0.00	13.57 0.13 0.00	14.27 0.14 0.00	10.46 0.12 0.00	13.48 0.13 0.00	17.26 0.07 0.24	18.13 -0.04 2.14	21.16 -0.07 5.77	21.74 -0.07 5.36	20.07 -0.17 0.61	32.29 -0.13 0.00	66.04 -0.13 0.00	181.69 0.42 0.00	38.86 0.29 0.00	29.22 0.20 0.00	20.00 -0.10 0.00
N.AKRON__115KV_KNAPP 355671	21.34 -1.09 0.00	18.02 -0.89 0.00	23.76 -1.08 0.00	22.36 -1.12 0.00	19.76 -0.98 0.00	18.82 -0.77 0.00	16.40 -0.61 0.00	11.40 -0.62 0.00	12.20 -0.63 0.00	12.80 -0.64 0.00	13.77 -0.35 0.00	9.70 -0.65 0.00	12.45 -0.90 0.00	15.04 -1.33 1.06	9.59 -1.14 9.59	-0.10 -1.23 25.86	1.93 -1.21 24.02	16.64 -1.47 2.74	30.34 -2.08 0.00	62.53 -3.64 0.00	173.31 -7.96 0.00	36.62 -1.95 0.00	27.69 -1.34 0.00	19.37 -0.73 0.00
N.E_GEN_SANDY PD 24062	22.76 0.34 0.00	19.39 0.37 -0.12	25.19 0.36 0.00	23.81 0.33 0.00	21.02 0.27 0.00	19.83 0.24 0.00	17.18 0.17 0.00	12.41 0.16 -0.23	12.93 0.10 0.00	13.47 0.04 0.00	14.08 -0.05 0.00	10.38 0.04 0.00	13.48 0.13 0.00	17.42 0.16 0.16	19.06 0.23 1.47	23.24 0.16 3.91	23.61 0.08 3.63	20.63 0.20 0.41	32.82 0.41 0.00	67.06 0.89 0.00	182.31 1.29 0.24	38.90 0.33 0.00	29.17 0.23 0.08	20.37 0.27 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.10 0.67 0.00	19.42 0.51 0.00	25.42 0.59 0.00	24.15 0.68 0.00	21.36 0.62 0.00	20.11 0.52 0.00	17.49 0.47 0.00	12.40 0.38 0.00	13.27 0.45 0.00	14.01 0.57 0.00	14.77 0.64 0.00	10.85 0.51 0.00	14.01 0.66 0.00	18.14 0.94 0.23	19.43 1.15 2.04	23.00 1.51 5.50	23.49 1.43 5.11	21.40 1.14 0.58	33.91 1.49 0.00	68.85 2.68 0.00	188.45 7.18 0.00	40.09 1.52 0.00	30.09 1.06 0.00	20.85 0.75 0.00
N.QUEENS_27_KV_LOAD 356247	23.29 0.86 0.00	19.58 0.66 0.00	25.47 0.63 0.00	24.27 0.79 0.00	21.48 0.74 0.00	20.21 0.62 0.00	17.61 0.60 0.00	12.48 0.47 0.01	13.38 0.55 -0.01	14.12 0.69 0.01	14.88 0.76 0.01	10.93 0.59 0.00	14.12 0.77 0.00	18.30 1.09 0.22	19.71 1.34 1.94	23.30 1.66 5.35	23.78 1.58 4.97	21.56 1.28 0.56	34.03 1.61 0.00	69.06 2.90 0.00	188.80 7.53 0.00	40.25 1.68 0.00	30.26 1.24 0.00	20.96 0.87 0.01
N.TROY___115KV_TB1 355778	22.70 0.28 0.00	19.19 0.28 0.00	25.13 0.29 0.00	23.75 0.27 0.00	20.97 0.23 0.00	19.79 0.20 0.00	17.14 0.13 0.00	12.14 0.12 0.00	12.90 0.07 0.00	13.44 0.01 0.00	14.08 -0.05 0.00	10.36 0.01 0.00	13.42 0.07 0.00	17.37 0.09 0.15	19.11 0.15 1.35	23.49 0.15 3.65	23.92 0.14 3.39	20.66 0.20 0.39	32.81 0.40 0.00	67.08 0.91 0.00	182.95 1.68 0.00	38.94 0.37 0.00	29.25 0.22 0.00	20.33 0.23 0.00
NARROWS_GT1_1 24228	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT1_2 24229	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT1_3 24230	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT1_4 24231	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT1_5 24232	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00

NARROWS_GT1_6 24233	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT1_7 24234	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT1_8 24235	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT2_1 24236	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT2_2 24237	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT2_3 24238	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT2_4 24239	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT2_5 24240	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT2_6 24241	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT2_7 24242	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NARROWS_GT2_8 24243	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.96 0.53 0.00	19.37 0.45 0.00	25.37 0.53 0.00	24.00 0.53 0.00	21.21 0.47 0.00	20.02 0.43 0.00	17.35 0.33 0.00	12.24 0.22 0.00	12.98 0.15 0.00	13.52 0.08 0.00	14.18 0.05 0.00	10.41 0.07 0.00	13.48 0.13 0.00	17.45 0.19 0.17	19.00 0.23 1.54	23.13 0.29 4.16	23.61 0.31 3.86	20.83 0.43 0.44	33.22 0.81 0.00	67.91 1.75 0.00	185.66 4.39 0.00	39.47 0.89 0.00	29.65 0.62 0.00	20.57 0.47 0.00
NCHELSEA_115KV_TR2 355582	23.24 0.81 0.00	19.54 0.63 0.00	25.60 0.76 0.00	24.29 0.82 0.00	21.48 0.74 0.00	20.24 0.66 0.00	17.59 0.58 0.00	12.46 0.44 0.00	13.32 0.49 0.00	14.03 0.59 0.00	14.78 0.65 0.00	10.86 0.52 0.00	14.03 0.68 0.00	18.17 0.96 0.22	19.50 1.16 1.97	23.19 1.52 5.33	23.69 1.47 4.95	21.47 1.20 0.56	34.08 1.66 0.00	69.28 3.12 0.00	189.47 8.20 0.00	40.30 1.73 0.00	30.26 1.23 0.00	20.97 0.87 0.00
NEG CAPITAL____MECHNVIL 23645	23.02 0.60 0.00	19.46 0.55 0.00	25.50 0.66 0.00	24.09 0.61 0.00	21.27 0.52 0.00	20.08 0.49 0.00	17.39 0.37 0.00	12.29 0.27 0.00	13.04 0.22 0.00	13.60 0.16 0.00	14.23 0.10 0.00	10.45 0.12 0.00	13.53 0.18 0.00	17.53 0.25 0.15	19.32 0.35 1.35	23.91 0.54 3.63	24.38 0.58 3.37	20.98 0.53 0.38	33.39 0.97 0.00	68.34 2.17 0.00	186.63 5.36 0.00	39.68 1.10 0.00	29.72 0.70 0.00	20.63 0.53 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.06 -1.29 0.08	17.72 -1.07 0.13	23.41 -1.35 0.07	22.10 -1.33 0.05	19.50 -1.18 0.06	18.41 -1.01 0.17	16.13 -0.87 0.02	11.26 -0.74 0.02	12.05 -0.76 0.01	12.66 -0.78 0.00	13.44 -0.69 0.00	9.66 -0.68 0.00	12.45 -0.90 0.00	14.98 -1.25 1.20	8.18 -1.33 10.80	-3.81 -1.66 29.14	-1.53 -1.63 27.07	16.33 -1.43 3.08	30.43 -1.94 0.05	62.34 -3.64 0.20	172.16 -8.94 0.18	36.33 -2.08 0.16	27.47 -1.55 0.00	19.12 -0.98 0.00



NEG CENTRAL___DRP 24199	21.74 -0.68 0.00	18.34 -0.57 0.00	24.16 -0.68 0.00	22.78 -0.69 0.00	20.15 -0.59 0.00	19.08 -0.51 0.00	16.57 -0.44 0.00	11.59 -0.43 0.00	12.36 -0.46 0.00	12.94 -0.50 0.00	13.69 -0.44 0.00	9.89 -0.45 0.00	12.74 -0.61 0.00	14.84 -0.82 1.78	3.43 -0.88 16.01	-17.28 -1.11 43.17	-14.04 -1.11 40.10	15.38 -0.89 4.57	31.28 -1.14 0.00	64.24 -1.93 0.00	176.65 -4.62 0.00	37.57 -1.00 0.00	28.27 -0.76 0.00	19.67 -0.43 0.00
NEG CENTRAL___INDECK 23768	22.02 -0.40 0.00	18.61 -0.30 0.00	24.50 -0.34 0.00	23.10 -0.38 0.00	20.42 -0.32 0.00	19.44 -0.15 0.00	16.86 -0.15 0.00	11.62 -0.39 0.00	12.34 -0.48 0.00	12.95 -0.48 0.00	13.83 -0.30 0.00	9.89 -0.45 0.00	12.73 -0.62 0.00	15.37 -0.91 1.15	9.05 -0.87 10.39	-2.03 -0.99 28.03	0.13 -1.01 26.03	16.89 -0.98 2.97	31.24 -1.17 0.00	64.95 -1.22 0.00	180.92 -0.35 0.00	38.29 -0.28 0.00	28.83 -0.19 0.00	20.06 -0.04 0.00
NEG CENTRAL___SENECA 23627	21.77 -0.65 0.00	18.37 -0.54 0.00	24.22 -0.62 0.00	22.84 -0.63 0.00	20.19 -0.55 0.00	19.15 -0.44 0.00	16.62 -0.40 0.00	11.60 -0.41 0.00	12.38 -0.44 0.00	12.95 -0.49 0.00	13.73 -0.40 0.00	9.88 -0.46 0.00	12.73 -0.62 0.00	15.15 -0.84 1.44	6.48 -0.88 12.96	-9.04 -1.09 34.94	-6.41 -1.11 32.46	16.23 -0.91 3.70	31.27 -1.15 0.00	64.27 -1.90 0.00	176.78 -4.49 0.00	37.62 -0.96 0.00	28.35 -0.67 0.00	19.73 -0.37 0.00
NEG CENTRAL___STATE_STREET 24147	21.91 -0.51 0.00	18.49 -0.42 0.00	24.34 -0.50 0.00	22.91 -0.57 0.00	20.30 -0.44 0.00	19.15 -0.44 0.00	16.67 -0.34 0.00	11.66 -0.36 0.00	12.45 -0.38 0.00	13.03 -0.41 0.00	13.75 -0.39 0.00	9.96 -0.38 0.00	12.85 -0.50 0.00	14.76 -0.66 2.01	1.45 -0.76 18.09	-22.81 -0.99 48.81	-19.09 -0.93 45.34	14.92 -0.76 5.17	31.55 -0.87 0.00	64.85 -1.32 0.00	178.51 -2.76 0.00	37.93 -0.65 0.00	28.42 -0.60 0.00	19.80 -0.31 0.00
NEG MILLWOOD___DRP 24198	23.27 0.85 0.00	19.58 0.67 0.00	25.63 0.79 0.00	24.32 0.85 0.00	21.52 0.78 0.00	20.27 0.68 0.00	17.63 0.61 0.00	12.49 0.47 0.00	13.36 0.54 0.00	14.08 0.65 0.00	14.84 0.71 0.00	10.91 0.57 0.00	14.09 0.74 0.00	18.25 1.04 0.22	19.61 1.25 1.96	23.35 1.63 5.27	23.85 1.58 4.90	21.56 1.28 0.56	34.18 1.76 0.00	69.44 3.27 0.00	189.84 8.58 0.00	40.39 1.82 0.00	30.32 1.29 0.00	21.01 0.91 0.00
NEG NORTH_FLCN_SEA 23793	22.81 0.39 0.00	19.27 0.36 0.00	25.29 0.45 0.00	23.77 0.29 0.00	21.01 0.27 0.00	19.87 0.28 0.00	17.33 0.32 0.00	12.29 0.28 0.00	13.10 0.28 0.00	13.73 0.29 0.00	14.47 0.34 0.00	10.63 0.29 0.00	13.69 0.34 0.16	17.61 0.35 0.16	19.18 0.33 1.45	23.43 0.36 3.92	23.83 0.31 3.64	20.60 0.17 0.41	32.68 0.26 0.00	66.75 0.58 0.00	183.40 2.13 0.00	39.16 0.59 0.00	29.46 0.43 0.00	20.22 0.12 0.00
NEG NORTH_KES_CHATEGAY 23792	22.58 0.15 0.00	19.07 0.15 0.00	25.03 0.19 0.00	23.53 0.05 0.00	20.79 0.04 0.00	19.70 0.11 0.00	17.18 0.17 0.00	12.16 0.14 0.00	12.99 0.16 0.00	13.60 0.16 0.00	14.30 0.17 0.00	10.50 0.16 0.00	13.53 0.18 0.00	17.39 0.14 0.18	18.75 0.07 1.64	22.63 0.05 4.42	23.10 0.04 4.10	20.27 -0.11 0.47	32.27 -0.15 0.00	66.01 -0.16 0.00	181.59 0.32 0.00	38.81 0.23 0.00	29.21 0.18 0.00	19.99 -0.11 0.00
NEG NORTH___ALICE_FALLS 23915	22.81 0.38 0.00	19.26 0.35 0.00	25.27 0.43 0.00	23.74 0.27 0.00	20.99 0.25 0.00	19.86 0.28 0.00	17.32 0.31 0.00	12.28 0.27 0.00	13.10 0.27 0.00	13.71 0.27 0.00	14.47 0.34 0.00	10.61 0.27 0.00	13.66 0.31 0.00	17.57 0.31 0.16	19.10 0.28 1.48	23.31 0.32 4.00	23.72 0.27 3.72	20.56 0.14 0.42	32.68 0.27 0.00	66.76 0.60 0.00	183.58 2.31 0.00	39.21 0.64 0.00	29.47 0.44 0.00	20.20 0.10 0.00
NEG NORTH___LWR_SARANAC 23913	22.81 0.38 0.00	19.26 0.35 0.00	25.27 0.43 0.00	23.74 0.27 0.00	20.99 0.25 0.00	19.86 0.28 0.00	17.32 0.31 0.00	12.28 0.27 0.00	13.10 0.27 0.00	13.71 0.27 0.00	14.47 0.34 0.00	10.61 0.27 0.00	13.66 0.31 0.00	17.57 0.31 0.16	19.10 0.28 1.48	23.31 0.32 4.00	23.72 0.27 3.72	20.56 0.14 0.42	32.68 0.27 0.00	66.76 0.60 0.00	183.58 2.31 0.00	39.21 0.64 0.00	29.47 0.44 0.00	20.20 0.10 0.00
NEG NORTH___PLATTSBURG 23628	22.81 0.38 0.00	19.27 0.35 0.00	25.27 0.43 0.00	23.74 0.27 0.00	20.99 0.25 0.00	19.86 0.28 0.00	17.32 0.31 0.00	12.28 0.27 0.00	13.10 0.27 0.00	13.71 0.27 0.00	14.47 0.34 0.00	10.61 0.27 0.00	13.66 0.31 0.00	17.57 0.31 0.16	19.10 0.28 1.48	23.31 0.32 4.00	23.72 0.27 3.72	20.56 0.14 0.42	32.68 0.27 0.00	66.76 0.60 0.00	183.58 2.31 0.00	39.21 0.64 0.00	29.47 0.44 0.00	20.21 0.10 0.00
NEG WEST_LEA_LOCKPORT 23791	20.96 -1.47 0.00	17.73 -1.18 0.00	23.37 -1.47 0.00	21.98 -1.50 0.00	19.42 -1.33 0.00	18.50 -1.09 0.00	16.13 -0.88 0.00	11.22 -0.80 0.00	12.05 -0.77 0.00	12.68 -0.75 0.00	13.66 -0.46 0.00	9.62 -0.73 0.00	12.35 -1.00 0.00	14.89 -1.47 1.06	9.43 -1.31 9.57	-0.28 -1.46 25.82	1.68 -1.50 23.98	16.35 -1.76 2.73	29.85 -2.57 0.00	61.33 -4.84 0.00	169.63 -11.64 0.00	35.82 -2.75 0.00	27.13 -1.89 0.00	19.04 -1.07 0.00
NEG WEST___LANCASTR 23811	21.60 -0.82 0.00	18.26 -0.65 0.00	24.08 -0.76 0.00	22.67 -0.81 0.00	20.04 -0.70 0.00	19.07 -0.51 0.00	16.55 -0.46 0.00	11.56 -0.46 0.00	12.41 -0.41 0.00	13.05 -0.39 0.00	14.00 -0.13 0.00	9.92 -0.42 0.00	12.76 -0.59 0.00	15.44 -0.90 1.09	9.74 -0.74 9.82	-0.25 -0.75 26.50	1.68 -0.87 24.61	16.94 -1.10 2.80	30.92 -1.49 0.00	63.57 -2.60 0.00	175.38 -5.89 0.00	36.95 -1.62 0.00	27.87 -1.15 0.00	19.54 -0.56 0.00
NEG_PENN_ALLEGHNY 23528	22.06 -0.37 0.00	18.60 -0.31 0.00	24.52 -0.32 0.00	23.17 -0.31 0.00	20.46 -0.28 0.00	19.36 -0.22 0.00	16.79 -0.22 0.00	11.81 -0.21 0.00	12.63 -0.20 0.00	13.23 -0.20 0.00	14.00 -0.13 0.00	10.14 -0.20 0.00	13.06 -0.28 0.00	15.82 -0.37 1.24	8.77 -0.40 11.14	-3.54 -0.48 30.06	-1.30 -0.55 27.92	17.26 -0.40 3.18	31.87 -0.55 0.00	65.24 -0.92 0.00	179.10 -2.17 0.00	37.99 -0.59 0.00	28.62 -0.40 0.00	19.93 -0.18 0.00
NEG___GEN_MONROE 24207	21.56 -0.87 0.00	18.20 -0.71 0.00	23.96 -0.88 0.00	22.58 -0.90 0.00	19.95 -0.79 0.00	18.96 -0.62 0.00	16.50 -0.52 0.00	11.50 -0.52 0.00	12.28 -0.54 0.00	12.89 -0.55 0.00	13.74 -0.39 0.00	9.81 -0.52 0.00	12.64 -0.71 0.00	15.32 -1.04 1.07	9.65 -1.00 9.66	-0.22 -1.15 26.07	1.84 -1.11 24.21	16.92 -1.17 2.76	30.88 -1.54 0.00	63.51 -2.66 0.00	175.59 -5.68 0.00	37.17 -1.40 0.00	28.01 -1.02 0.00	19.52 -0.58 0.00
NEPA___ENERGY 23901	21.45 -0.97 0.00	18.10 -0.81 0.00	24.02 -0.81 0.00	22.60 -0.87 0.00	19.96 -0.78 0.00	18.95 -0.63 0.00	16.46 -0.55 0.00	11.49 -0.52 0.00	12.36 -0.46 0.00	12.99 -0.45 0.00	13.96 -0.17 0.00	9.91 -0.43 0.00	12.74 -0.61 0.00	15.43 -0.91 1.09	9.63 -0.87 9.81	-0.41 -0.95 26.46	1.40 -1.19 24.57	16.85 -1.19 2.80	30.69 -1.73 0.00	63.11 -3.06 0.00	174.05 -7.22 0.00	36.64 -1.93 0.00	27.68 -1.35 0.00	19.46 -0.65 0.00

NEVERSINK___HYD 23608	22.86 0.44 0.00	19.23 0.31 0.00	25.20 0.36 0.00	23.91 0.43 0.00	21.14 0.40 0.00	19.92 0.33 0.00	17.32 0.31 0.00	12.26 0.25 0.00	13.09 0.27 0.00	13.76 0.33 0.00	14.48 0.35 0.00	10.63 0.29 0.00	13.72 0.37 0.00	17.76 0.57 0.24	18.89 0.73 2.15	22.11 0.92 5.80	22.62 0.84 5.39	20.96 0.74 0.61	33.43 1.01 0.00	68.13 1.96 0.00	186.57 5.30 0.00	39.68 1.10 0.00	29.78 0.75 0.00	20.62 0.52 0.00
NEWKRMKL_115KV_TB1 55635	22.44 0.02 0.00	18.96 0.05 0.00	24.83 -0.01 0.00	23.49 0.02 0.00	20.76 0.02 0.00	19.59 0.00 0.00	16.97 -0.04 0.00	12.01 0.00 0.00	12.78 -0.04 0.00	13.33 -0.10 0.00	14.02 -0.11 0.00	10.30 -0.04 0.00	13.34 -0.01 0.00	17.29 0.01 0.16	18.95 0.03 1.39	23.25 0.00 3.75	23.68 0.00 3.48	20.51 0.07 0.40	32.45 0.03 0.00	66.21 0.04 0.00	180.70 -0.57 0.00	38.46 -0.11 0.00	28.94 -0.08 0.00	20.13 0.03 0.00
NEWTON___FALLS_HYD 23847	21.85 -0.58 0.00	18.43 -0.48 0.00	24.37 -0.47 0.00	23.03 -0.45 0.00	20.29 -0.45 0.00	19.17 -0.41 0.00	16.73 -0.29 0.00	11.81 -0.20 0.00	12.58 -0.24 0.00	13.12 -0.32 0.00	13.62 -0.51 0.00	9.99 -0.35 0.00	12.87 -0.48 0.00	15.99 -0.72 0.72	12.86 -0.99 6.46	8.25 -1.32 17.43	9.82 -1.16 16.19	18.07 -0.93 1.85	31.29 -1.13 0.00	64.44 -1.73 0.00	178.09 -3.18 0.00	38.11 -0.46 0.00	28.65 -0.38 0.00	19.60 -0.50 0.00
NGRID_A1_DSASP 323792	20.49 -1.71 0.23	17.14 -1.39 0.39	22.89 -1.73 0.22	21.58 -1.75 0.14	18.99 -1.56 0.19	17.80 -1.29 0.50	15.90 -1.06 0.05	11.05 -0.92 0.05	11.92 -0.87 0.03	12.60 -0.84 0.00	13.64 -0.49 0.00	9.61 -0.73 0.00	12.35 -1.00 0.00	14.86 -1.51 1.05	9.34 -1.50 9.47	-0.24 -1.69 25.55	1.73 -1.71 23.73	16.30 -1.84 2.70	29.52 -2.76 0.14	60.08 -5.50 0.59	166.97 -13.78 0.53	34.88 -3.22 0.48	26.80 -2.23 0.00	18.82 -1.28 0.00
NGRID_A2_DSASP 323793	20.49 -1.71 0.23	17.14 -1.39 0.39	22.89 -1.73 0.22	21.58 -1.75 0.14	18.99 -1.56 0.19	17.80 -1.29 0.50	15.90 -1.06 0.05	11.05 -0.92 0.05	11.92 -0.87 0.03	12.60 -0.84 0.00	13.64 -0.49 0.00	9.61 -0.73 0.00	12.35 -1.00 0.00	14.86 -1.51 1.05	9.34 -1.50 9.47	-0.24 -1.69 25.55	1.73 -1.71 23.73	16.30 -1.84 2.70	29.52 -2.76 0.14	60.08 -5.50 0.59	166.97 -13.78 0.53	34.88 -3.22 0.48	26.80 -2.23 0.00	18.82 -1.28 0.00
NGRID_A4_DSASP 323807	20.49 -1.71 0.23	17.14 -1.39 0.39	22.89 -1.73 0.22	21.58 -1.75 0.14	18.99 -1.56 0.19	17.80 -1.29 0.50	15.90 -1.06 0.05	11.05 -0.92 0.05	11.92 -0.87 0.03	12.60 -0.84 0.00	13.64 -0.49 0.00	9.61 -0.73 0.00	12.35 -1.00 0.00	14.86 -1.51 1.05	9.34 -1.50 9.47	-0.24 -1.69 25.55	1.73 -1.71 23.73	16.30 -1.84 2.70	29.52 -2.76 0.14	60.08 -5.50 0.59	166.97 -13.78 0.53	34.88 -3.22 0.48	26.80 -2.23 0.00	18.82 -1.28 0.00
NIAGARA_115E_LBMP 323715	20.45 -1.75 0.22	17.11 -1.43 0.37	22.84 -1.78 0.21	21.54 -1.79 0.14	18.97 -1.59 0.18	17.75 -1.35 0.49	15.89 -1.07 0.05	11.04 -0.93 0.04	11.88 -0.91 0.03	12.54 -0.89 0.00	13.52 -0.61 0.00	9.49 -0.84 0.00	12.18 -1.17 0.00	14.68 -1.69 1.06	9.30 -1.48 9.54	-0.40 -1.66 25.73	1.57 -1.70 23.90	16.11 -2.00 2.72	29.28 -3.00 0.14	59.80 -5.80 0.57	166.29 -14.46 0.51	34.76 -3.34 0.47	26.72 -2.31 0.00	18.77 -1.33 0.00
NIAGARA_115W_LBMP 323714	20.42 -1.77 0.23	17.08 -1.44 0.39	22.81 -1.81 0.22	21.51 -1.82 0.14	18.93 -1.63 0.19	17.74 -1.35 0.50	15.85 -1.11 0.05	11.02 -0.95 0.05	11.88 -0.91 0.03	12.56 -0.88 0.00	13.60 -0.53 0.00	9.59 -0.75 0.00	12.32 -1.03 0.00	14.83 -1.55 1.05	9.30 -1.55 9.46	-0.27 -1.75 25.52	1.70 -1.77 23.70	16.26 -1.88 2.70	29.42 -2.86 0.14	59.86 -5.73 0.59	166.34 -14.40 0.53	34.75 -3.35 0.48	26.70 -2.32 0.00	18.76 -1.34 0.00
NIAGARA_230_LBMP 323716	20.61 -1.59 0.23	17.24 -1.29 0.38	23.01 -1.61 0.22	21.71 -1.62 0.14	19.10 -1.45 0.19	17.90 -1.19 0.50	15.99 -0.97 0.05	11.12 -0.85 0.05	11.98 -0.80 0.03	12.65 -0.79 0.00	13.63 -0.50 0.00	9.62 -0.72 0.00	12.36 -0.99 0.00	14.90 -1.49 1.04	9.45 -1.46 9.40	-0.03 -1.68 25.35	1.91 -1.71 23.54	16.36 -1.80 2.68	29.65 -2.63 0.14	60.48 -5.11 0.58	168.03 -12.72 0.52	35.10 -2.99 0.48	26.94 -2.09 0.00	18.91 -1.19 0.00
NIAGARA___115KV_198_GIBSON 55903	20.65 -1.78 0.00	17.47 -1.44 0.00	23.03 -1.80 0.00	21.65 -1.83 0.00	19.11 -1.63 0.00	18.24 -1.35 0.00	15.90 -1.12 0.00	11.07 -0.95 0.00	11.91 -0.91 0.00	12.56 -0.88 0.00	13.60 -0.53 0.00	9.59 -0.75 0.00	12.32 -1.03 0.00	14.81 -1.57 1.05	9.34 -1.51 9.46	-0.24 -1.71 25.52	1.72 -1.75 23.70	16.25 -1.89 2.70	29.55 -2.87 0.00	60.42 -5.75 0.00	166.79 -14.48 0.00	35.22 -3.35 0.00	26.70 -2.32 0.00	18.76 -1.34 0.00
NIAGARA____ 23760	20.61 -1.59 0.23	17.24 -1.29 0.38	23.01 -1.61 0.22	21.71 -1.62 0.14	19.11 -1.45 0.19	17.91 -1.19 0.49	15.99 -0.97 0.05	11.12 -0.85 0.04	11.98 -0.80 0.03	12.65 -0.79 0.00	13.63 -0.50 0.00	9.62 -0.72 0.00	12.36 -0.99 0.00	14.89 -1.49 1.05	9.43 -1.46 9.42	-0.09 -1.68 25.41	1.86 -1.71 23.60	16.35 -1.80 2.69	29.65 -2.63 0.14	60.48 -5.11 0.58	168.03 -12.72 0.52	35.10 -2.99 0.47	26.94 -2.09 0.00	18.91 -1.19 0.00
NINE_MILE_1 23575	21.35 -1.07 0.00	18.01 -0.90 0.00	23.68 -1.17 0.00	22.38 -1.10 0.00	19.77 -0.98 0.00	18.69 -0.90 0.00	16.23 -0.78 0.00	11.42 -0.60 0.00	12.19 -0.64 0.00	12.77 -0.67 0.00	13.47 -0.66 0.00	9.79 -0.55 0.00	12.63 -0.72 0.00	13.03 -0.95 3.46	-11.87 -1.06 31.11	-58.31 -1.38 83.92	-52.16 -1.38 77.95	10.88 -1.08 8.88	30.84 -1.57 0.00	63.11 -3.06 0.00	173.33 -7.94 0.00	36.83 -1.75 0.00	27.71 -1.31 0.00	19.23 -0.86 0.00
NINE_MILE_2 23744	21.35 -1.07 0.00	18.01 -0.90 0.00	23.68 -1.17 0.00	22.38 -1.10 0.00	19.77 -0.97 0.00	18.69 -0.90 0.00	16.23 -0.78 0.00	11.42 -0.60 0.00	12.19 -0.64 0.00	12.77 -0.67 0.00	13.47 -0.66 0.00	9.79 -0.55 0.00	12.63 -0.72 0.00	13.02 -0.95 3.47	-11.96 -1.06 31.21	-58.57 -1.38 84.19	-52.40 -1.38 78.19	10.85 -1.08 8.91	30.84 -1.57 0.00	63.11 -3.06 0.00	173.33 -7.94 0.00	36.83 -1.75 0.00	27.71 -1.31 0.00	19.23 -0.86 0.00
NM_CAPITAL___DRP 24208	22.49 0.06 0.00	19.00 0.09 0.00	24.88 0.03 0.00	23.54 0.06 0.00	20.79 0.05 0.00	19.61 0.02 0.00	16.99 -0.03 0.00	12.03 0.01 0.00	12.80 -0.03 0.00	13.36 -0.08 0.00	14.03 -0.10 0.00	10.31 -0.03 0.00	13.36 0.01 0.00	17.31 0.04 0.16	18.98 0.06 1.39	23.26 0.02 3.76	23.68 0.00 3.49	20.52 0.08 0.40	32.48 0.06 0.00	66.27 0.10 0.00	180.82 -0.44 0.00	38.49 -0.08 0.00	28.96 -0.07 0.00	20.15 0.05 0.00
NM_CENTRAL___DRP 24181	21.80 -0.62 0.00	18.39 -0.52 0.00	24.19 -0.65 0.00	22.86 -0.61 0.00	20.20 -0.54 0.00	19.10 -0.49 0.00	16.57 -0.44 0.00	11.66 -0.36 0.00	12.44 -0.38 0.00	13.02 -0.41 0.00	13.74 -0.39 0.00	9.98 -0.36 0.00	12.87 -0.48 0.00	14.66 -0.62 2.14	0.35 -0.68 19.29	-25.90 -0.87 52.03	-22.02 -0.87 48.32	14.68 -0.65 5.51	31.49 -0.93 0.00	64.45 -1.72 0.00	177.15 -4.12 0.00	37.62 -0.95 0.00	28.31 -0.71 0.00	19.69 -0.41 0.00

NM_FRONTIER___DRP 24179	20.65 -1.78 0.00	17.47 -1.44 0.00	23.03 -1.80 0.00	21.65 -1.83 0.00	19.11 -1.63 0.00	18.24 -1.35 0.00	15.90 -1.12 0.00	11.07 -0.95 0.00	11.91 -0.91 0.00	12.56 -0.88 0.00	13.60 -0.53 0.00	9.59 -0.75 0.00	12.32 -1.03 0.00	14.81 -1.57 1.05	9.34 -1.51 9.46	-0.24 -1.71 25.52	1.72 -1.75 23.70	16.25 -1.89 2.70	29.55 -2.87 0.00	60.42 -5.75 0.00	166.79 -14.48 0.00	35.22 -3.35 0.00	26.70 -2.32 0.00	18.76 -1.34 0.00
NM_ST_REGIS___HYD 24053	22.33 -0.10 0.00	18.82 -0.09 0.00	24.85 0.01 0.00	23.35 -0.13 0.00	20.61 -0.13 0.00	19.51 -0.08 0.00	17.02 0.01 0.00	12.02 0.01 0.00	12.82 0.00 0.00	13.39 -0.04 0.00	13.96 -0.16 0.00	10.29 -0.05 0.00	13.26 -0.09 0.00	16.84 -0.22 0.37	16.61 -0.39 3.32	17.53 -0.51 8.95	18.41 -0.45 8.31	19.45 -0.44 0.94	31.88 -0.54 0.00	65.22 -0.95 0.00	179.14 -2.13 0.00	38.40 -0.17 0.00	28.92 -0.11 0.00	19.81 -0.29 0.00
NORTHPORT___1 23551	11.46 1.14 12.10	14.82 0.85 4.95	24.39 1.03 1.49	24.36 1.01 0.13	21.69 0.96 0.01	20.44 0.85 0.01	17.74 0.73 0.01	12.58 0.56 0.01	13.42 0.60 0.00	14.17 0.74 0.00	8.05 0.90 6.97	5.11 0.71 5.94	9.04 0.94 5.25	15.08 1.36 3.71	21.20 1.66 0.76	25.30 2.13 3.82	26.09 2.01 3.08	21.76 1.48 0.56	34.20 1.80 0.01	69.45 3.28 0.00	189.25 7.98 0.00	40.28 1.71 0.00	30.18 1.36 0.22	16.14 1.22 5.18
NORTHPORT___2 23552	11.46 1.14 12.10	14.82 0.85 4.95	24.39 1.03 1.49	24.36 1.01 0.13	21.69 0.96 0.01	20.44 0.85 0.01	17.74 0.73 0.01	12.58 0.56 0.01	13.42 0.60 0.00	14.17 0.74 0.00	8.05 0.90 6.97	5.11 0.71 5.94	9.04 0.94 5.25	15.08 1.36 3.71	21.20 1.66 0.76	25.30 2.13 3.82	26.09 2.01 3.08	21.76 1.48 0.56	34.20 1.80 0.01	69.45 3.28 0.00	189.25 7.98 0.00	40.28 1.71 0.00	30.18 1.36 0.22	16.14 1.22 5.18
NORTHPORT___3 23553	12.07 1.19 11.54	15.09 0.90 4.72	24.51 1.09 1.41	24.42 1.07 0.12	21.73 0.99 0.00	20.47 0.88 0.00	17.76 0.75 0.00	12.60 0.59 0.00	13.45 0.63 0.00	14.18 0.75 0.00	8.42 0.93 6.65	5.42 0.74 5.66	9.32 0.98 5.01	15.35 1.39 3.47	21.50 1.70 0.51	25.53 2.19 3.65	26.34 2.05 2.88	21.75 1.48 0.56	34.21 1.79 0.00	69.20 3.03 0.00	188.00 6.73 0.00	40.05 1.48 0.00	30.02 1.20 0.19	16.47 1.09 4.73
NORTHPORT___4 23650	12.07 1.19 11.54	15.09 0.90 4.72	24.51 1.09 1.41	24.42 1.07 0.12	21.73 0.99 0.00	20.47 0.88 0.00	17.76 0.75 0.00	12.60 0.59 0.00	13.45 0.63 0.00	14.18 0.75 0.00	8.42 0.93 6.65	5.42 0.74 5.66	9.32 0.98 5.01	15.35 1.39 3.47	21.50 1.70 0.51	25.53 2.19 3.65	26.34 2.05 2.88	21.75 1.48 0.56	34.21 1.79 0.00	69.20 3.03 0.00	188.00 6.73 0.00	40.05 1.48 0.00	30.02 1.20 0.19	16.47 1.09 4.73
NORTHPORT___IC 23718	11.46 1.14 12.10	14.82 0.85 4.95	24.39 1.03 1.49	24.36 1.01 0.13	21.69 0.96 0.01	20.44 0.85 0.01	17.73 0.72 0.01	12.58 0.56 0.01	13.42 0.60 0.00	14.17 0.74 0.00	8.05 0.90 6.97	5.12 0.71 5.94	9.04 0.94 5.25	15.08 1.36 3.71	21.19 1.65 0.76	25.29 2.12 3.82	26.08 2.00 3.08	21.76 1.49 0.56	34.21 1.80 0.00	69.46 3.29 0.00	189.25 7.98 0.00	40.28 1.71 0.00	30.17 1.36 0.22	16.13 1.21 5.18
NORTH___COUNTRY_ESR 323785	22.53 0.10 0.00	19.02 0.11 0.00	24.98 0.14 0.00	23.48 0.00 0.00	20.75 0.01 0.00	19.66 0.07 0.00	17.15 0.14 0.00	12.16 0.14 0.00	12.98 0.16 0.00	13.60 0.16 0.00	14.30 0.17 0.00	10.50 0.16 0.00	13.53 0.18 0.00	17.39 0.14 0.18	18.74 0.07 1.64	22.61 0.05 4.43	23.09 0.04 4.11	20.26 -0.11 0.47	32.23 -0.18 0.00	65.87 -0.30 0.00	181.17 -0.10 0.00	38.71 0.13 0.00	29.12 0.10 0.00	19.95 -0.15 0.00
NPX_GEN_1385_PROXY 323591	11.46 1.14 12.10	14.82 0.85 4.95	24.39 1.03 1.49	24.36 1.01 0.13	21.69 0.96 0.01	20.44 0.85 0.01	17.70 0.69 0.01	12.57 0.56 0.01	13.39 0.56 0.00	14.17 0.74 0.00	-5.05 0.85 20.03	5.11 0.71 5.94	9.05 0.94 5.25	15.13 1.41 3.71	21.20 1.66 0.76	25.21 2.03 3.82	26.02 1.93 3.08	21.69 1.41 0.56	34.14 1.73 0.01	69.19 3.03 0.00	188.60 7.32 0.00	40.19 1.62 0.00	6.58 1.26 23.70	16.10 1.18 5.18
NPX_GEN_CSC 323557	13.29 1.46 10.60	15.66 1.08 4.33	24.85 1.31 1.30	24.62 1.26 0.11	21.95 1.21 0.00	20.70 1.12 0.00	17.99 0.99 0.00	12.75 0.73 0.00	13.59 0.77 0.00	14.34 0.90 0.00	9.08 1.06 6.11	5.96 0.82 5.20	9.84 1.09 4.60	15.87 1.56 3.11	22.03 1.93 0.22	26.01 2.49 3.48	26.93 2.43 2.66	22.20 1.93 0.56	34.95 2.53 0.00	71.00 4.83 0.00	193.43 12.16 0.00	41.11 2.54 0.00	30.81 1.96 0.17	17.66 1.58 4.02
NSINS_S_GLNS_FALLS 23858	23.12 0.69 0.00	19.56 0.65 0.00	25.61 0.77 0.00	24.18 0.71 0.00	21.34 0.60 0.00	20.16 0.57 0.00	17.40 0.39 0.00	12.31 0.30 0.00	13.03 0.20 0.00	13.58 0.14 0.00	14.18 0.06 0.00	10.45 0.11 0.00	13.51 0.15 0.00	17.47 0.19 0.15	19.27 0.30 1.35	23.92 0.56 3.64	24.40 0.61 3.38	21.06 0.61 0.38	33.54 1.12 0.00	68.79 2.62 0.00	187.61 6.34 0.00	39.82 1.25 0.00	29.78 0.75 0.00	20.66 0.56 0.00
NUCOR_STEEL___DRP 24197	21.90 -0.52 0.00	18.47 -0.44 0.00	24.32 -0.51 0.00	22.88 -0.59 0.00	20.28 -0.46 0.00	19.13 -0.46 0.00	16.65 -0.36 0.00	11.64 -0.38 0.00	12.44 -0.38 0.00	13.03 -0.41 0.00	13.74 -0.39 0.00	9.96 -0.38 0.00	12.85 -0.50 0.00	14.69 -0.66 2.08	0.82 -0.77 18.72	-24.53 -1.01 50.51	-20.68 -0.93 46.91	14.73 -0.77 5.35	31.54 -0.88 0.00	64.83 -1.33 0.00	178.42 -2.84 0.00	37.91 -0.67 0.00	28.39 -0.64 0.00	19.78 -0.33 0.00
NUMBER_THREE_WT_PWR 323818	21.90 -0.52 0.00	18.51 -0.40 0.00	24.46 -0.37 0.00	23.25 -0.22 0.00	20.48 -0.26 0.00	19.35 -0.24 0.00	16.86 -0.15 0.00	11.92 -0.10 0.00	12.70 -0.12 0.00	13.22 -0.21 0.00	13.76 -0.37 0.00	10.03 -0.32 0.00	12.91 -0.45 0.00	15.87 -0.64 0.92	11.13 -0.93 8.25	3.51 -1.24 22.25	5.50 -1.00 20.66	17.71 -0.78 2.36	31.65 -0.77 0.00	65.50 -0.67 0.00	181.79 0.52 0.00	38.81 0.24 0.00	29.12 0.09 0.00	19.91 -0.19 0.00
NYISO_LBMP_REFERENCE 24008	22.42 0.00 0.00	18.91 0.00 0.00	24.84 0.00 0.00	23.48 0.00 0.00	20.74 0.00 0.00	19.59 0.00 0.00	17.01 0.00 0.00	12.02 0.00 0.00	12.82 0.00 0.00	13.44 0.00 0.00	14.13 0.00 0.00	10.34 0.00 0.00	13.35 0.00 0.00	17.43 0.00 0.00	20.31 0.00 0.00	26.99 0.00 0.00	27.17 0.00 0.00	20.84 0.00 0.00	32.42 0.00 0.00	66.17 0.00 0.00	181.27 0.00 0.00	38.57 0.00 0.00	29.02 0.00 0.00	20.10 0.00 0.00
NYPA_BRENTWD____GT 24164	15.47 1.39 8.35	16.54 1.04 3.41	25.10 1.28 1.02	24.62 1.23 0.09	21.90 1.16 0.00	20.63 1.04 0.00	17.91 0.91 0.00	12.69 0.68 0.00	13.54 0.72 0.00	14.29 0.85 0.00	10.33 1.01 4.81	7.04 0.79 4.09	10.78 1.05 3.62	16.71 1.51 2.22	22.76 1.85 -0.61	26.43 2.41 2.97	27.43 2.30 2.03	22.03 1.75 0.56	34.69 2.27 0.00	70.45 4.28 0.00	192.08 10.81 0.00	40.88 2.31 0.00	30.70 1.78 0.11	19.27 1.46 2.30

NYPA_GOWANUS____GT5 24156	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NYPA_GOWANUS____GT6 24157	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.02 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.90 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.22 0.22	19.84 1.51 1.98	23.54 1.90 5.35	24.04 1.84 4.97	21.74 1.47 0.56	34.31 1.90 0.00	69.63 3.45 0.00	190.36 9.09 0.00	40.57 2.00 0.00	30.51 1.48 0.00	21.17 1.06 0.00
NYPA_HARLEM__RVR__GT1 24160	23.27 0.85 0.00	19.56 0.65 0.00	25.47 0.63 0.00	24.27 0.79 0.00	21.47 0.73 0.00	20.20 0.61 0.00	17.60 0.59 0.01	12.47 0.47 0.02	13.39 0.55 -0.01	14.11 0.69 0.02	14.86 0.76 0.02	10.93 0.59 0.00	14.11 0.76 0.00	18.30 1.09 0.22	19.68 1.35 1.98	23.31 1.67 5.35	23.79 1.60 4.97	21.55 1.27 0.56	34.00 1.59 0.00	69.05 2.89 0.01	188.80 7.54 0.01	40.25 1.68 0.00	30.26 1.23 0.00	20.96 0.87 0.01
NYPA_HARLEM__RVR__GT2 24161	23.27 0.85 0.00	19.56 0.65 0.00	25.47 0.63 0.00	24.27 0.79 0.00	21.47 0.73 0.00	20.20 0.61 0.00	17.60 0.59 0.01	12.47 0.47 0.02	13.39 0.55 -0.01	14.11 0.69 0.02	14.86 0.76 0.02	10.93 0.59 0.00	14.11 0.76 0.00	18.30 1.09 0.22	19.68 1.35 1.98	23.31 1.67 5.35	23.79 1.60 4.97	21.55 1.27 0.56	34.00 1.59 0.00	69.05 2.89 0.01	188.80 7.54 0.01	40.25 1.68 0.00	30.26 1.23 0.00	20.96 0.87 0.01
NYPA_KENT____GT 24152	23.39 0.96 0.00	19.66 0.75 0.00	25.66 0.83 0.00	24.44 0.96 0.00	21.62 0.88 0.00	20.35 0.77 0.00	17.74 0.72 -0.01	12.59 0.57 -0.01	13.50 0.67 -0.01	14.25 0.81 -0.01	15.01 0.88 -0.01	11.01 0.68 0.00	14.21 0.86 0.00	18.41 1.20 0.22	19.82 1.48 1.98	23.51 1.86 5.35	24.00 1.79 4.97	21.72 1.44 0.56	34.26 1.84 0.00	69.51 3.34 0.00	190.02 8.75 0.00	40.50 1.93 0.00	30.44 1.41 0.00	21.13 1.03 0.00
NYPA_POUCH1____GT 24155	23.43 1.01 0.00	19.70 0.79 0.00	25.78 0.94 0.00	24.56 1.09 0.00	21.73 0.99 0.00	20.44 0.86 0.00	17.81 0.79 -0.01	12.63 0.61 -0.01	13.54 0.71 -0.01	14.29 0.84 -0.01	15.04 0.91 -0.01	11.00 0.66 0.00	14.19 0.84 0.00	18.39 1.18 0.22	19.81 1.48 1.98	23.50 1.85 5.35	24.00 1.80 4.97	21.71 1.44 0.56	34.27 1.86 0.00	69.54 3.37 0.00	190.09 8.82 0.00	40.54 1.97 0.00	30.49 1.46 0.00	21.16 1.05 0.00
NYPA_VERNON____GT2 24162	23.34 0.91 0.00	19.62 0.71 0.00	25.62 0.78 0.00	24.38 0.90 0.00	21.58 0.84 0.00	20.31 0.72 0.00	17.71 0.69 -0.01	12.58 0.55 -0.01	13.48 0.65 -0.01	14.23 0.79 -0.01	15.00 0.86 -0.01	11.00 0.67 0.00	14.20 0.85 0.00	18.40 1.19 0.22	19.78 1.46 1.98	23.46 1.81 5.35	23.95 1.75 4.97	21.69 1.41 0.56	34.21 1.79 0.00	69.38 3.21 0.00	189.69 8.42 0.00	40.42 1.85 0.00	30.37 1.35 0.00	21.09 0.98 0.00
NYPA_VERNON____GT3 24163	23.34 0.91 0.00	19.62 0.71 0.00	25.62 0.78 0.00	24.38 0.90 0.00	21.58 0.84 0.00	20.31 0.72 0.00	17.71 0.69 -0.01	12.58 0.55 -0.01	13.48 0.65 -0.01	14.23 0.79 -0.01	15.00 0.86 -0.01	11.00 0.67 0.00	14.20 0.85 0.00	18.40 1.19 0.22	19.78 1.46 1.98	23.46 1.81 5.35	23.95 1.75 4.97	21.69 1.41 0.56	34.21 1.79 0.00	69.38 3.21 0.00	189.69 8.42 0.00	40.42 1.85 0.00	30.37 1.35 0.00	21.09 0.98 0.00
NYPA__ASTORIA_CC1 323568	23.31 0.88 0.00	19.60 0.69 0.00	25.58 0.74 0.00	24.35 0.87 0.00	21.55 0.81 0.00	20.29 0.70 0.00	17.69 0.67 -0.01	12.56 0.54 -0.01	13.47 0.63 -0.01	14.22 0.77 -0.01	14.98 0.84 -0.01	10.99 0.65 0.00	14.18 0.83 0.00	18.38 1.17 0.22	19.77 1.44 1.98	23.44 1.80 5.35	23.92 1.72 4.97	21.67 1.40 0.56	34.18 1.76 0.00	69.32 3.16 0.00	189.51 8.24 0.00	40.39 1.81 0.00	30.35 1.32 0.00	21.07 0.97 0.00
NYPA__ASTORIA_CC2 323569	23.31 0.88 0.00	19.60 0.69 0.00	25.58 0.74 0.00	24.35 0.87 0.00	21.55 0.81 0.00	20.29 0.70 0.00	17.69 0.67 -0.01	12.56 0.54 -0.01	13.47 0.63 -0.01	14.22 0.77 -0.01	14.98 0.84 -0.01	10.99 0.65 0.00	14.18 0.83 0.00	18.38 1.17 0.22	19.77 1.44 1.98	23.44 1.80 5.35	23.92 1.72 4.97	21.67 1.40 0.56	34.18 1.76 0.00	69.32 3.16 0.00	189.51 8.24 0.00	40.39 1.81 0.00	30.35 1.32 0.00	21.07 0.97 0.00
NYPA__HOLTSVILL 23794	12.98 1.31 10.75	15.49 0.97 4.39	24.70 1.18 1.32	24.49 1.13 0.11	21.82 1.08 0.00	20.57 0.98 0.00	17.87 0.86 0.00	12.66 0.64 0.00	13.50 0.68 0.00	14.25 0.81 0.00	8.91 0.97 6.19	5.83 0.76 5.27	9.70 1.00 4.66	15.71 1.45 3.17	21.82 1.79 0.27	25.79 2.30 3.51	26.67 2.21 2.70	21.99 1.71 0.56	34.61 2.19 0.00	70.28 4.11 0.00	191.48 10.22 0.00	40.74 2.16 0.00	30.54 1.69 0.17	17.37 1.41 4.14
NYPA__HELLGATE_GT1 24158	23.27 0.85 0.00	19.56 0.65 0.00	25.47 0.63 0.00	24.27 0.79 0.00	21.47 0.73 0.00	20.20 0.61 0.00	17.61 0.59 -0.01	12.50 0.47 -0.01	13.39 0.55 -0.01	14.13 0.69 -0.01	14.89 0.76 -0.01	10.93 0.59 0.00	14.11 0.76 0.00	18.30 1.09 0.22	19.68 1.35 1.98	23.31 1.67 5.35	23.79 1.60 4.97	21.55 1.27 0.56	34.00 1.59 0.00	69.06 2.89 0.00	188.81 7.54 0.00	40.25 1.68 0.00	30.26 1.23 0.00	20.97 0.87 0.00
NYPA__HELLGATE_GT2 24159	23.27 0.85 0.00	19.56 0.65 0.00	25.47 0.63 0.00	24.27 0.79 0.00	21.47 0.73 0.00	20.20 0.61 0.00	17.61 0.59 -0.01	12.50 0.47 -0.01	13.39 0.55 -0.01	14.13 0.69 -0.01	14.89 0.76 -0.01	10.93 0.59 0.00	14.11 0.76 0.00	18.30 1.09 0.22	19.68 1.35 1.98	23.31 1.67 5.35	23.79 1.60 4.97	21.55 1.27 0.56	34.00 1.59 0.00	69.06 2.89 0.00	188.81 7.54 0.00	40.25 1.68 0.00	30.26 1.23 0.00	20.97 0.87 0.00
NYS_BARGE__HYD 23848	20.76 -1.46 0.20	17.38 -1.19 0.34	23.17 -1.48 0.19	21.85 -1.50 0.13	19.24 -1.33 0.16	18.05 -1.10 0.44	16.10 -0.87 0.04	11.18 -0.80 0.04	12.02 -0.77 0.03	12.67 -0.76 0.00	13.65 -0.48 0.00	9.60 -0.74 0.00	12.33 -1.02 0.00	14.86 -1.51 1.06	9.41 -1.33 9.57	-0.30 -1.48 25.82	1.68 -1.50 23.98	16.34 -1.77 2.73	29.72 -2.57 0.12	60.80 -4.86 0.51	169.14 -11.67 0.46	35.40 -2.75 0.42	27.13 -1.90 0.00	19.03 -1.07 0.00
OAK ORCHARD__HYD 24046	21.35 -0.97 0.11	17.94 -0.80 0.18	23.74 -0.99 0.10	22.41 -1.00 0.07	19.76 -0.89 0.09	18.63 -0.72 0.23	16.39 -0.60 0.02	11.44 -0.56 0.02	12.25 -0.56 0.02	12.88 -0.55 0.00	13.72 -0.41 0.00	9.82 -0.51 0.00	12.66 -0.69 0.00	15.35 -1.00 1.07	9.63 -1.01 9.67	-0.28 -1.20 26.08	1.77 -1.18 24.22	16.93 -1.15 2.76	30.81 -1.54 0.07	63.09 -2.80 0.27	174.48 -6.54 0.24	36.77 -1.58 0.22	27.87 -1.15 0.00	19.42 -0.68 0.00

OAKDALE___35_KV_LOAD 356122	22.04 -0.39 0.00	18.59 -0.32 0.00	24.51 -0.33 0.00	23.15 -0.32 0.00	20.45 -0.29 0.00	19.34 -0.24 0.00	16.78 -0.23 0.00	11.80 -0.22 0.00	12.62 -0.20 0.00	13.22 -0.21 0.00	13.99 -0.14 0.00	10.14 -0.20 0.00	13.07 -0.28 0.00	15.84 -0.36 1.23	8.90 -0.38 11.03	-3.22 -0.45 29.76	-1.02 -0.54 27.64	17.27 -0.42 3.15	31.84 -0.58 0.00	65.20 -0.97 0.00	178.93 -2.34 0.00	37.96 -0.62 0.00	28.59 -0.44 0.00	19.91 -0.19 0.00
OCC_CHEM___DRP 24175	20.71 -1.71 0.00	17.53 -1.38 0.00	23.11 -1.73 0.00	21.72 -1.75 0.00	19.17 -1.56 0.00	18.30 -1.28 0.00	15.95 -1.06 0.00	11.10 -0.91 0.00	11.95 -0.87 0.00	12.59 -0.84 0.00	13.64 -0.49 0.00	9.61 -0.73 0.00	12.35 -1.00 0.00	14.85 -1.53 1.05	9.37 -1.47 9.47	-0.20 -1.65 25.55	1.76 -1.68 23.73	16.30 -1.84 2.70	29.64 -2.78 0.00	60.64 -5.52 0.00	167.40 -13.87 0.00	35.35 -3.22 0.00	26.80 -2.23 0.00	18.83 -1.28 0.00
OH_GEN_PROXY 24063	20.62 -1.56 0.25	17.24 -1.26 0.41	23.04 -1.56 0.24	21.74 -1.58 0.16	19.12 -1.41 0.20	17.89 -1.16 0.54	16.01 -0.95 0.05	11.14 -0.83 0.05	12.00 -0.78 0.04	12.68 -0.76 0.00	13.64 -0.49 0.00	9.64 -0.70 0.00	12.39 -0.96 0.00	14.95 -1.44 1.04	9.51 -1.42 9.38	0.04 -1.64 25.31	1.98 -1.67 23.51	16.41 -1.75 2.68	29.72 -2.54 0.15	60.60 -4.94 0.63	168.46 -12.24 0.57	35.16 -2.89 0.52	27.00 -2.03 0.00	18.94 -1.17 0.00
OLIN_CORP_DRP 24177	20.72 -1.70 0.00	17.52 -1.39 0.00	23.11 -1.73 0.00	21.73 -1.75 0.00	19.20 -1.54 0.00	18.28 -1.31 0.00	15.97 -1.04 0.00	11.11 -0.91 0.00	11.94 -0.88 0.00	12.57 -0.87 0.00	13.55 -0.58 0.00	9.52 -0.82 0.00	12.22 -1.13 0.00	14.74 -1.63 1.06	9.35 -1.42 9.54	-0.34 -1.60 25.74	1.62 -1.64 23.91	16.17 -1.95 2.73	29.50 -2.92 0.00	60.54 -5.63 0.00	167.25 -14.02 0.00	35.31 -3.26 0.00	26.79 -2.24 0.00	18.82 -1.28 0.00
OLIN_CORP_DSASP 323712	20.49 -1.71 0.23	17.14 -1.39 0.39	22.89 -1.73 0.22	21.58 -1.75 0.14	18.99 -1.56 0.19	17.80 -1.29 0.50	15.90 -1.06 0.05	11.05 -0.92 0.05	11.92 -0.87 0.03	12.60 -0.84 0.00	13.64 -0.49 0.00	9.61 -0.73 0.00	12.35 -1.00 0.00	14.86 -1.51 1.05	9.34 -1.50 9.47	-0.24 -1.69 25.55	1.73 -1.71 23.73	16.30 -1.84 2.70	29.52 -2.76 0.14	60.08 -5.50 0.59	166.97 -13.78 0.53	34.88 -3.22 0.48	26.80 -2.23 0.00	18.82 -1.28 0.00
ONEIDA_HERK_LFGE 323681	22.34 -0.08 0.00	18.85 -0.06 0.00	24.83 -0.01 0.00	23.53 0.06 0.00	20.77 0.03 0.00	19.62 0.03 0.00	17.06 0.05 0.00	12.05 0.03 0.00	12.86 0.04 0.00	13.43 -0.01 0.00	14.04 -0.09 0.00	10.22 -0.12 0.00	13.16 -0.19 0.00	16.46 -0.27 0.70	13.60 -0.37 6.34	9.41 -0.48 17.10	10.97 -0.31 15.89	18.85 -0.19 1.81	32.38 -0.04 0.00	66.52 0.35 0.00	183.36 2.09 0.00	39.06 0.49 0.00	29.32 0.29 0.00	20.19 0.08 0.00
ONEIDA___115KV_TB4 55905	22.53 0.11 0.00	18.99 0.08 0.00	24.98 0.14 0.00	23.63 0.16 0.00	20.88 0.14 0.00	19.74 0.16 0.00	17.14 0.13 0.00	12.09 0.07 0.00	12.90 0.07 0.00	13.46 0.03 0.00	14.11 -0.02 0.00	10.25 -0.09 0.00	13.21 -0.14 0.00	16.08 -0.19 1.17	9.61 -0.21 10.49	-1.54 -0.24 28.29	0.75 -0.13 26.28	17.86 0.01 2.99	32.62 0.21 0.00	66.85 0.68 0.00	184.13 2.87 0.00	39.17 0.59 0.00	29.43 0.40 0.00	20.35 0.25 0.00
ONONDAGA_REF_OCCRA 23987	21.91 -0.51 0.00	18.48 -0.43 0.00	24.31 -0.53 0.00	22.98 -0.50 0.00	20.30 -0.44 0.00	19.20 -0.39 0.00	16.66 -0.35 0.00	11.71 -0.31 0.00	12.49 -0.33 0.00	13.08 -0.36 0.00	13.79 -0.34 0.00	10.02 -0.33 0.00	12.92 -0.43 0.00	14.74 -0.55 2.14	0.49 -0.60 19.22	-25.62 -0.77 51.84	-21.75 -0.77 48.15	14.79 -0.57 5.49	31.65 -0.77 0.00	64.84 -1.32 0.00	178.24 -3.03 0.00	37.85 -0.72 0.00	28.47 -0.55 0.00	19.79 -0.32 0.00
ONONDAGA___COGEN 23986	21.80 -0.62 0.00	18.39 -0.52 0.00	24.18 -0.66 0.00	22.84 -0.63 0.00	20.19 -0.55 0.00	19.08 -0.51 0.00	16.57 -0.44 0.00	11.64 -0.38 0.00	12.42 -0.41 0.00	13.00 -0.43 0.00	13.71 -0.42 0.00	9.96 -0.38 0.00	12.86 -0.49 0.00	14.50 -0.65 2.28	-0.93 -0.71 20.52	-29.29 -0.93 55.36	-25.16 -0.90 51.42	14.30 -0.68 5.86	31.51 -0.91 0.00	64.56 -1.61 0.00	177.45 -3.82 0.00	37.69 -0.88 0.00	28.33 -0.70 0.00	19.68 -0.43 0.00
ONTARIO___LFGE 23819	21.78 -0.65 0.00	18.37 -0.54 0.00	24.22 -0.62 0.00	22.85 -0.63 0.00	20.19 -0.55 0.00	19.15 -0.44 0.00	16.62 -0.40 0.00	11.60 -0.41 0.00	12.38 -0.44 0.00	12.95 -0.49 0.00	13.73 -0.40 0.00	9.88 -0.46 0.00	12.73 -0.62 0.00	15.14 -0.85 1.44	6.46 -0.89 12.96	-9.06 -1.11 34.94	-6.42 -1.13 32.46	16.23 -0.91 3.70	31.27 -1.14 0.00	64.29 -1.88 0.00	176.80 -4.47 0.00	37.62 -0.95 0.00	28.35 -0.67 0.00	19.72 -0.38 0.00
ORANGEVILLE_WT_PWR 323706	21.25 -1.17 0.00	17.99 -0.93 0.00	23.72 -1.12 0.00	22.35 -1.13 0.00	19.74 -1.00 0.00	18.81 -0.78 0.00	16.29 -0.72 0.00	11.29 -0.73 0.00	12.10 -0.72 0.00	12.71 -0.72 0.00	13.65 -0.48 0.00	9.70 -0.64 0.00	12.46 -0.88 0.00	15.02 -1.28 1.13	8.86 -1.26 10.19	-1.96 -1.46 27.50	0.10 -1.53 25.54	16.42 -1.51 2.91	30.40 -2.02 0.00	62.77 -3.40 0.00	173.56 -7.70 0.00	36.66 -1.91 0.00	27.69 -1.34 0.00	19.38 -0.72 0.00
ORANGEVILLE___ESR 323794	21.25 -1.17 0.00	17.99 -0.93 0.00	23.72 -1.12 0.00	22.35 -1.13 0.00	19.74 -1.00 0.00	18.81 -0.78 0.00	16.29 -0.72 0.00	11.29 -0.73 0.00	12.10 -0.72 0.00	12.71 -0.72 0.00	13.65 -0.48 0.00	9.70 -0.64 0.00	12.46 -0.88 0.00	15.02 -1.28 1.13	8.86 -1.26 10.19	-1.96 -1.46 27.50	0.10 -1.53 25.54	16.42 -1.51 2.91	30.40 -2.02 0.00	62.77 -3.40 0.00	173.56 -7.70 0.00	36.66 -1.91 0.00	27.69 -1.34 0.00	19.38 -0.72 0.00
OSWEGATCHIE___HYD 24044	21.85 -0.58 0.00	18.43 -0.48 0.00	24.37 -0.47 0.00	23.03 -0.45 0.00	20.29 -0.45 0.00	19.17 -0.41 0.00	16.72 -0.29 0.00	11.81 -0.20 0.00	12.58 -0.24 0.00	13.12 -0.32 0.00	13.62 -0.51 0.00	9.99 -0.35 0.00	12.87 -0.48 0.00	16.00 -0.72 0.72	12.86 -0.99 6.46	8.25 -1.32 17.43	9.82 -1.16 16.19	18.07 -0.93 1.85	31.29 -1.13 0.00	64.44 -1.73 0.00	178.09 -3.18 0.00	38.11 -0.46 0.00	28.65 -0.38 0.00	19.60 -0.50 0.00
OSWEGO___5 23606	21.44 -0.98 0.00	18.08 -0.83 0.00	23.77 -1.07 0.00	22.46 -1.01 0.00	19.85 -0.89 0.00	18.77 -0.82 0.00	16.30 -0.71 0.00	11.46 -0.55 0.00	12.24 -0.59 0.00	12.82 -0.62 0.00	13.52 -0.61 0.00	9.82 -0.51 0.00	12.68 -0.67 0.00	13.26 -0.90 3.28	-10.22 -1.00 29.52	-53.95 -1.30 79.64	-48.10 -1.30 73.97	11.40 -1.02 8.43	30.96 -1.46 0.00	63.38 -2.79 0.00	174.09 -7.18 0.00	36.99 -1.59 0.00	27.82 -1.20 0.00	19.31 -0.79 0.00
OSWEGO___6 23613	21.44 -0.98 0.00	18.08 -0.83 0.00	23.77 -1.07 0.00	22.46 -1.01 0.00	19.85 -0.89 0.00	18.77 -0.82 0.00	16.30 -0.71 0.00	11.46 -0.55 0.00	12.24 -0.59 0.00	12.82 -0.62 0.00	13.52 -0.61 0.00	9.82 -0.51 0.00	12.68 -0.67 0.00	13.26 -0.90 3.28	-10.22 -1.00 29.52	-53.95 -1.30 79.64	-48.10 -1.30 73.97	11.40 -1.02 8.43	30.96 -1.46 0.00	63.38 -2.79 0.00	174.09 -7.18 0.00	36.99 -1.59 0.00	27.82 -1.20 0.00	19.31 -0.79 0.00

OUTOKUMPU-AB___DRP 24206	21.13 -1.30 0.00	17.87 -1.04 0.00	23.56 -1.28 0.00	22.15 -1.33 0.00	19.56 -1.18 0.00	18.65 -0.94 0.00	16.25 -0.76 0.00	11.31 -0.71 0.00	12.16 -0.67 0.00	12.79 -0.64 0.00	13.81 -0.32 0.00	9.74 -0.60 0.00	12.51 -0.84 0.00	15.08 -1.28 1.06	9.59 -1.15 9.57	-0.06 -1.23 25.82	1.92 -1.27 23.98	16.58 -1.52 2.73	30.20 -2.21 0.00	61.97 -4.20 0.00	171.23 -10.04 0.00	36.14 -2.43 0.00	27.35 -1.67 0.00	19.19 -0.91 0.00
OXBOW___BTM 323836	20.67 -1.52 0.23	17.30 -1.23 0.39	23.09 -1.53 0.22	21.77 -1.56 0.14	19.16 -1.39 0.19	17.96 -1.13 0.50	16.03 -0.93 0.05	11.15 -0.82 0.05	12.01 -0.78 0.03	12.68 -0.75 0.00	13.71 -0.42 0.00	9.67 -0.67 0.00	12.42 -0.93 0.00	14.96 -1.41 1.06	9.43 -1.36 9.52	-0.19 -1.49 25.68	1.79 -1.52 23.86	16.44 -1.69 2.72	29.79 -2.49 0.14	60.71 -4.88 0.59	168.79 -11.95 0.53	35.26 -2.83 0.48	27.06 -1.97 0.00	18.99 -1.11 0.00
OXBOW___ 24026	20.90 -1.52 0.00	17.68 -1.23 0.00	23.31 -1.53 0.00	21.91 -1.56 0.00	19.35 -1.39 0.00	18.45 -1.13 0.00	16.08 -0.93 0.00	11.19 -0.82 0.00	12.04 -0.78 0.00	12.68 -0.75 0.00	13.71 -0.42 0.00	9.67 -0.67 0.00	12.42 -0.93 0.00	14.96 -1.42 1.06	9.47 -1.32 9.52	-0.15 -1.46 25.68	1.82 -1.49 23.86	16.43 -1.69 2.72	29.91 -2.51 0.00	61.28 -4.89 0.00	169.27 -12.00 0.00	35.73 -2.85 0.00	27.06 -1.97 0.00	18.99 -1.11 0.00
OXY_CHEM_DSASP 323612	20.71 -1.71 0.00	17.53 -1.38 0.00	23.11 -1.73 0.00	21.72 -1.75 0.00	19.17 -1.56 0.00	18.30 -1.28 0.00	15.95 -1.06 0.00	11.10 -0.91 0.00	11.95 -0.87 0.00	12.59 -0.84 0.00	13.64 -0.49 0.00	9.61 -0.73 0.00	12.35 -1.00 0.00	14.85 -1.53 1.05	9.37 -1.47 9.47	-0.20 -1.65 25.55	1.76 -1.68 23.73	16.30 -1.84 2.70	29.64 -2.78 0.00	60.64 -5.52 0.00	167.40 -13.87 0.00	35.35 -3.22 0.00	26.80 -2.23 0.00	18.83 -1.28 0.00
OZONE_PARK_ESR 323760	23.44 1.01 0.00	19.69 0.78 0.00	25.73 0.89 0.00	24.45 0.98 0.00	21.64 0.90 0.00	20.37 0.78 0.00	17.74 0.73 0.00	12.59 0.57 0.00	13.50 0.67 0.00	14.25 0.82 0.00	15.03 0.90 0.00	11.04 0.70 0.00	14.25 0.90 0.00	18.47 1.26 0.22	19.85 1.52 1.98	23.60 1.95 5.35	24.06 1.87 4.97	21.76 1.49 0.56	34.41 1.99 0.00	69.80 3.63 0.00	190.74 9.47 0.00	40.64 2.07 0.00	30.53 1.50 0.00	21.16 1.06 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.71 -1.71 0.00	17.53 -1.38 0.00	23.11 -1.73 0.00	21.72 -1.75 0.00	19.17 -1.56 0.00	18.30 -1.28 0.00	15.95 -1.06 0.00	11.10 -0.91 0.00	11.95 -0.87 0.00	12.59 -0.84 0.00	13.64 -0.49 0.00	9.61 -0.73 0.00	12.35 -1.00 0.00	14.85 -1.53 1.05	9.37 -1.47 9.47	-0.20 -1.65 25.55	1.76 -1.68 23.73	16.30 -1.84 2.70	29.64 -2.78 0.00	60.64 -5.52 0.00	167.40 -13.87 0.00	35.35 -3.22 0.00	26.80 -2.23 0.00	18.83 -1.28 0.00
PACKARD__115KV_DUPONT_184 80571	20.71 -1.71 0.00	17.53 -1.38 0.00	23.11 -1.73 0.00	21.72 -1.75 0.00	19.17 -1.56 0.00	18.30 -1.28 0.00	15.95 -1.06 0.00	11.10 -0.91 0.00	11.95 -0.87 0.00	12.59 -0.84 0.00	13.64 -0.49 0.00	9.61 -0.73 0.00	12.35 -1.00 0.00	14.85 -1.53 1.05	9.37 -1.47 9.47	-0.20 -1.65 25.55	1.76 -1.68 23.73	16.30 -1.84 2.70	29.64 -2.78 0.00	60.64 -5.52 0.00	167.40 -13.87 0.00	35.35 -3.22 0.00	26.80 -2.23 0.00	18.83 -1.28 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.28 0.85 0.00	19.57 0.66 0.00	25.51 0.67 0.00	24.30 0.82 0.00	21.49 0.75 0.00	20.23 0.65 0.00	17.64 0.63 -0.01	12.53 0.51 -0.01	13.42 0.58 -0.01	14.17 0.72 -0.01	14.93 0.79 -0.01	10.96 0.62 0.00	14.14 0.79 0.00	18.33 1.12 0.22	19.70 1.37 1.98	23.35 1.70 5.35	23.84 1.63 4.97	21.61 1.33 0.56	34.11 1.70 0.00	69.26 3.09 0.00	189.39 8.12 0.00	40.36 1.79 0.00	30.33 1.31 0.00	21.03 0.93 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.90 1.48 0.00	20.10 1.19 0.00	26.19 1.35 0.00	25.00 1.52 0.00	22.11 1.37 0.00	20.83 1.24 0.00	18.17 1.16 -0.01	12.86 0.83 -0.01	13.76 0.93 -0.01	14.53 1.08 -0.01	15.31 1.17 -0.01	11.25 0.91 0.00	14.45 1.10 0.00	18.78 1.57 0.22	20.23 1.90 1.98	24.05 2.40 5.35	24.52 2.32 4.97	22.14 1.86 0.56	34.94 2.52 0.00	70.95 4.78 0.00	194.08 12.81 0.00	41.35 2.78 0.00	31.07 2.05 0.00	21.56 1.46 0.00
PATROON__115KV_TB1 80586	22.51 0.08 0.00	19.01 0.10 0.00	24.90 0.06 0.00	23.55 0.07 0.00	20.81 0.07 0.00	19.63 0.04 0.00	17.00 -0.01 0.00	12.04 0.02 0.00	12.81 -0.01 0.00	13.37 -0.07 0.00	14.05 -0.08 0.00	10.32 -0.02 0.00	13.37 0.02 0.00	17.33 0.05 0.15	19.01 0.08 1.39	23.32 0.07 3.74	23.76 0.07 3.48	20.57 0.12 0.40	32.55 0.13 0.00	66.39 0.22 0.00	181.24 -0.03 0.00	38.57 -0.01 0.00	29.02 -0.01 0.00	20.17 0.07 0.00
PATTRSNVILLE___SOLAR 323815	22.87 0.45 0.00	19.29 0.38 0.00	25.32 0.48 0.00	23.95 0.47 0.00	21.16 0.42 0.00	19.98 0.39 0.00	17.31 0.30 0.00	12.20 0.18 0.00	12.97 0.15 0.00	13.51 0.08 0.00	14.09 -0.04 0.00	10.31 -0.03 0.00	13.31 -0.04 0.00	17.23 -0.03 0.16	18.82 -0.01 1.48	23.23 0.23 4.00	23.90 0.45 3.71	20.77 0.34 0.42	32.87 0.45 0.00	67.50 1.33 0.00	185.37 4.10 0.00	39.45 0.88 0.00	29.63 0.60 0.00	20.54 0.43 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.54 -0.88 0.00	18.21 -0.70 0.00	24.02 -0.82 0.00	22.60 -0.88 0.00	19.97 -0.77 0.00	19.01 -0.57 0.00	16.52 -0.49 0.00	11.53 -0.49 0.00	12.39 -0.44 0.00	13.02 -0.42 0.00	13.98 -0.15 0.00	9.89 -0.45 0.00	12.71 -0.64 0.00	15.38 -0.97 1.08	9.75 -0.82 9.75	-0.12 -0.82 26.30	1.82 -0.92 24.42	16.90 -1.16 2.78	30.84 -1.58 0.00	63.43 -2.74 0.00	175.00 -6.27 0.00	36.90 -1.68 0.00	27.84 -1.18 0.00	19.52 -0.58 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.27 0.85 0.00	19.58 0.67 0.00	25.63 0.79 0.00	24.32 0.85 0.00	21.52 0.78 0.00	20.27 0.68 0.00	17.63 0.61 0.00	12.49 0.47 0.00	13.36 0.54 0.00	14.08 0.65 0.00	14.84 0.71 0.00	10.91 0.57 0.00	14.09 0.74 0.00	18.25 1.04 0.22	19.61 1.25 1.96	23.35 1.63 5.27	23.85 1.58 4.90	21.56 1.28 0.56	34.18 1.76 0.00	69.44 3.27 0.00	189.84 8.58 0.00	40.39 1.82 0.00	30.32 1.29 0.00	21.01 0.91 0.00
PEEKSKILL___ 23653	23.10 0.67 0.00	19.43 0.52 0.00	25.43 0.59 0.00	24.15 0.67 0.00	21.36 0.62 0.00	20.11 0.52 0.00	17.49 0.48 0.00	12.40 0.38 0.00	13.27 0.45 0.00	14.00 0.56 0.00	14.76 0.63 0.00	10.85 0.51 0.00	14.00 0.65 0.00	18.14 0.93 0.22	19.46 1.14 2.00	23.08 1.48 5.39	23.56 1.40 5.01	21.39 1.11 0.57	33.88 1.46 0.00	68.78 2.61 0.00	188.15 6.88 0.00	40.04 1.47 0.00	30.07 1.04 0.00	20.85 0.75 0.00
PGE MADISON___WINDPWR 24146	23.29 0.78 -0.08	19.67 0.62 -0.13	25.67 0.76 -0.07	24.27 0.75 -0.05	21.72 0.92 -0.06	20.74 0.98 -0.17	17.87 0.84 -0.02	12.55 0.52 -0.02	13.43 0.60 -0.01	14.01 0.58 0.00	14.57 0.44 0.00	10.41 0.08 0.00	13.41 0.06 0.00	16.28 0.09 1.24	9.22 0.06 11.14	-2.77 0.30 30.06	-0.33 0.43 27.92	17.97 0.31 3.18	33.73 1.26 -0.05	69.86 3.49 -0.20	192.23 10.78 -0.18	40.89 2.16 -0.16	30.55 1.52 0.00	21.13 1.03 0.00

PIERCEFIELD___HYD 23852	22.22 -0.21 0.00	18.72 -0.19 0.00	24.75 -0.08 0.00	23.27 -0.21 0.00	20.53 -0.21 0.00	19.42 -0.17 0.00	16.95 -0.06 0.00	11.97 -0.05 0.00	12.76 -0.07 0.00	13.32 -0.11 0.00	13.85 -0.28 0.00	10.23 -0.11 0.00	13.18 -0.17 0.00	16.70 -0.33 0.40	16.17 -0.52 3.62	16.54 -0.69 9.77	17.50 -0.59 9.08	19.26 -0.54 1.03	31.72 -0.69 0.00	64.89 -1.28 0.00	178.12 -3.15 0.00	38.20 -0.37 0.00	28.78 -0.25 0.00	19.73 -0.37 0.00
PINELAWN_CC_1 323563	23.68 1.26 0.00	19.87 0.96 0.00	26.01 1.17 0.00	24.60 1.13 0.00	21.79 1.05 0.00	20.54 0.96 0.00	17.83 0.82 0.00	12.63 0.61 0.00	13.47 0.65 0.00	14.21 0.77 0.00	15.07 0.94 0.00	11.08 0.74 0.00	14.32 0.97 0.00	19.93 1.40 -1.10	25.78 1.73 -3.74	28.23 2.24 1.01	29.66 2.11 -0.38	21.87 1.59 0.56	34.51 2.10 0.00	70.08 3.91 0.00	190.92 9.65 0.00	40.65 2.08 0.00	30.78 1.63 -0.13	25.66 1.35 -4.22
PJM_GEN_HTP_PROXY 323702	23.24 0.82 0.00	19.55 0.64 0.00	25.56 0.72 0.00	24.29 0.81 0.00	21.49 0.75 0.00	20.23 0.64 0.00	17.62 0.60 0.00	12.50 0.49 0.00	13.40 0.58 0.00	14.15 0.71 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.80 0.00	18.33 1.12 0.22	19.69 1.36 1.98	23.39 1.74 5.35	23.86 1.66 4.97	21.59 1.31 0.56	34.13 1.71 0.00	69.22 3.05 0.00	189.15 7.88 0.00	40.30 1.73 0.00	30.27 1.25 0.00	21.00 0.89 0.00
PJM_GEN_KEystone 24065	21.91 -0.27 0.24	18.27 -0.24 0.40	24.35 -0.26 0.23	23.10 -0.20 0.18	20.37 -0.18 0.20	18.91 -0.16 0.52	16.83 -0.13 0.05	11.85 -0.12 0.05	12.72 -0.07 0.03	13.49 0.01 -0.05	14.24 0.13 0.02	10.34 0.00 0.00	13.32 -0.03 0.00	16.75 -0.04 0.64	14.61 0.05 5.75	11.61 0.13 15.51	12.75 0.00 14.41	19.09 -0.12 1.64	31.99 -0.29 0.15	64.18 -0.60 1.39	179.54 -1.18 0.55	37.66 -0.42 0.50	28.72 -0.30 0.00	20.02 -0.08 0.00
PJM_GEN_NEPTUNE_PROXY 323594	6.56 0.98 16.85	12.77 0.74 6.88	23.67 0.90 2.07	24.19 0.90 0.18	21.57 0.83 0.01	20.33 0.75 0.01	17.65 0.65 0.01	12.50 0.49 0.01	13.35 0.54 0.01	14.11 0.67 0.01	5.27 0.84 9.71	2.75 0.67 8.26	6.92 0.88 7.30	13.10 1.25 5.59	19.32 1.52 2.52	24.04 1.95 4.91	24.55 1.80 4.42	21.62 1.35 0.56	34.10 1.68 0.00	69.16 2.99 0.00	188.36 7.09 0.00	40.14 1.57 0.00	29.92 1.25 0.35	12.32 1.08 8.86
PJM_GEN_VFT_PROXY 323633	23.11 0.69 0.00	19.44 0.53 0.00	25.30 0.54 0.09	24.15 0.68 0.00	21.37 0.63 0.00	20.11 0.52 0.00	17.52 0.51 0.00	12.44 0.42 0.00	13.33 0.51 0.00	14.09 0.66 0.00	14.85 0.72 0.00	10.92 0.58 0.00	14.09 0.74 0.00	18.25 1.04 0.22	19.60 1.28 1.98	23.26 1.61 5.35	23.72 1.52 4.97	21.49 1.21 0.56	33.95 1.53 0.00	68.80 2.64 0.00	188.04 6.78 0.00	40.11 1.53 0.00	30.12 1.10 0.00	20.89 0.79 0.00
PLATSBURG_115KV_PMLD1 355749	22.81 0.39 0.00	19.27 0.36 0.00	25.27 0.43 0.00	23.76 0.28 0.00	21.00 0.26 0.00	19.86 0.28 0.00	17.31 0.30 0.00	12.28 0.27 0.00	13.10 0.28 0.00	13.72 0.28 0.00	14.46 0.33 0.00	10.62 0.28 0.00	13.68 0.34 0.00	17.61 0.34 0.16	19.18 0.32 1.45	23.42 0.35 3.92	23.82 0.29 3.64	20.59 0.16 0.41	32.65 0.24 0.00	66.70 0.53 0.00	183.24 1.97 0.00	39.13 0.56 0.00	29.44 0.42 0.00	20.21 0.11 0.00
PLEASANTVLY___LBMP 24000	23.01 0.59 0.00	19.37 0.46 0.00	25.36 0.52 0.00	24.06 0.59 0.00	21.28 0.54 0.00	20.05 0.46 0.00	17.42 0.41 0.00	12.34 0.33 0.00	13.19 0.37 0.00	13.90 0.46 0.00	14.65 0.52 0.00	10.76 0.43 0.00	13.90 0.55 0.00	18.01 0.79 0.21	19.38 0.95 1.88	23.13 1.22 5.08	23.60 1.16 4.72	21.24 0.93 0.54	33.64 1.23 0.00	68.36 2.20 0.00	186.93 5.66 0.00	39.79 1.22 0.00	29.89 0.87 0.00	20.74 0.64 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.12 0.69 0.00	19.45 0.54 0.00	25.46 0.62 0.00	24.17 0.69 0.00	21.38 0.64 0.00	20.13 0.54 0.00	17.50 0.49 0.00	12.40 0.39 0.00	13.27 0.44 0.00	13.99 0.55 0.00	14.75 0.62 0.00	10.84 0.50 0.00	14.00 0.65 0.00	18.13 0.92 0.22	19.46 1.10 1.95	23.16 1.42 5.26	23.64 1.36 4.89	21.38 1.09 0.56	33.88 1.46 0.00	68.78 2.61 0.00	188.03 6.77 0.00	40.03 1.45 0.00	30.07 1.04 0.00	20.85 0.75 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.12 0.69 0.00	19.45 0.54 0.00	25.46 0.62 0.00	24.17 0.69 0.00	21.38 0.64 0.00	20.13 0.54 0.00	17.50 0.49 0.00	12.40 0.39 0.00	13.27 0.44 0.00	13.99 0.55 0.00	14.75 0.62 0.00	10.84 0.50 0.00	14.00 0.65 0.00	18.13 0.92 0.22	19.46 1.10 1.95	23.16 1.42 5.26	23.64 1.36 4.89	21.38 1.09 0.56	33.88 1.46 0.00	68.78 2.61 0.00	188.03 6.77 0.00	40.03 1.45 0.00	30.07 1.04 0.00	20.85 0.75 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.19 0.76 0.00	19.51 0.60 0.00	25.55 0.71 0.00	24.25 0.77 0.00	21.44 0.70 0.00	20.20 0.61 0.00	17.56 0.54 0.00	12.43 0.42 0.00	13.28 0.46 0.00	13.97 0.53 0.00	14.71 0.58 0.00	10.80 0.46 0.00	13.96 0.61 0.00	18.09 0.87 0.21	19.45 1.04 1.90	23.22 1.36 5.14	23.71 1.31 4.77	21.38 1.08 0.54	33.94 1.52 0.00	69.03 2.87 0.00	188.77 7.50 0.00	40.16 1.58 0.00	30.20 1.17 0.00	20.95 0.84 0.00
POLETTI____ 23519	23.22 0.80 0.00	19.53 0.62 0.00	25.51 0.67 0.00	24.26 0.78 0.00	21.47 0.73 0.00	20.21 0.62 0.00	17.60 0.59 0.00	12.50 0.48 0.00	13.41 0.58 0.00	14.15 0.72 0.00	14.92 0.79 0.00	10.96 0.62 0.00	14.15 0.80 0.00	18.32 1.11 0.22	19.68 1.35 1.98	23.34 1.69 5.35	23.79 1.59 4.97	21.54 1.26 0.56	34.05 1.63 0.00	69.02 2.85 0.00	188.59 7.32 0.00	40.19 1.62 0.00	30.20 1.18 0.00	20.93 0.84 0.00
POMONA___ESR 323819	23.10 0.67 0.00	19.42 0.51 0.00	25.42 0.59 0.00	24.16 0.68 0.00	21.36 0.62 0.00	20.11 0.52 0.00	17.49 0.47 0.00	12.40 0.38 0.00	13.27 0.45 0.00	14.01 0.57 0.00	14.77 0.64 0.00	10.85 0.51 0.00	14.01 0.66 0.00	18.14 0.94 0.23	19.43 1.16 2.04	23.00 1.51 5.50	23.49 1.44 5.11	21.40 1.13 0.58	33.91 1.49 0.00	68.85 2.68 0.00	188.39 7.12 0.00	40.09 1.52 0.00	30.09 1.06 0.00	20.85 0.75 0.00
PORT_JEFF_3 23555	13.18 1.35 10.60	15.59 1.01 4.33	24.77 1.23 1.30	24.54 1.18 0.11	21.86 1.12 0.00	20.60 1.02 0.00	17.90 0.90 0.00	12.68 0.67 0.00	13.53 0.71 0.00	14.27 0.84 0.00	9.02 1.00 6.11	5.92 0.78 5.20	9.78 1.03 4.60	15.80 1.48 3.11	21.92 1.83 0.22	25.88 2.37 3.48	26.78 2.27 2.66	22.05 1.77 0.56	34.70 2.28 0.00	70.47 4.30 0.00	192.03 10.76 0.00	40.84 2.27 0.00	30.62 1.76 0.17	17.53 1.45 4.02
PORT_JEFF_4 23616	13.18 1.35 10.60	15.59 1.01 4.33	24.77 1.23 1.30	24.54 1.18 0.11	21.86 1.12 0.00	20.60 1.02 0.00	17.90 0.90 0.00	12.68 0.67 0.00	13.53 0.71 0.00	14.27 0.84 0.00	9.02 1.00 6.11	5.92 0.78 5.20	9.78 1.03 4.60	15.80 1.48 3.11	21.92 1.83 0.22	25.88 2.37 3.48	26.78 2.27 2.66	22.05 1.77 0.56	34.70 2.28 0.00	70.47 4.30 0.00	192.03 10.76 0.00	40.84 2.27 0.00	30.62 1.76 0.17	17.53 1.45 4.02

PORT_JEFF_IC 23713	13.64 1.39 10.17	15.79 1.04 4.16	24.85 1.26 1.25	24.57 1.20 0.10	21.88 1.15 0.00	20.63 1.05 0.00	17.92 0.91 0.00	12.70 0.68 0.00	13.54 0.72 0.00	14.29 0.85 0.00	9.28 1.01 5.86	6.14 0.79 4.99	9.98 1.04 4.41	15.99 1.50 2.94	22.10 1.84 0.06	26.01 2.39 3.38	26.95 2.32 2.54	22.09 1.82 0.56	34.76 2.34 0.00	70.61 4.44 0.00	192.37 11.10 0.00	40.91 2.34 0.00	30.67 1.80 0.16	17.87 1.46 3.69
PPL PILGRIM_ST_GT1 24216	15.47 1.39 8.35	16.54 1.04 3.41	25.10 1.28 1.02	24.62 1.23 0.09	21.90 1.16 0.00	20.63 1.04 0.00	17.91 0.91 0.00	12.69 0.68 0.00	13.54 0.72 0.00	14.29 0.85 0.00	10.33 1.01 4.81	7.04 0.79 4.09	10.78 1.05 3.62	16.71 1.51 2.22	22.76 1.85 -0.61	26.43 2.41 2.97	27.43 2.30 2.03	22.03 1.75 0.56	34.69 2.27 0.00	70.45 4.28 0.00	192.08 10.81 0.00	40.88 2.31 0.00	30.70 1.78 0.11	19.27 1.46 2.30
PPL PILGRIM_ST_GT2 24217	15.47 1.39 8.35	16.54 1.04 3.41	25.10 1.28 1.02	24.62 1.23 0.09	21.90 1.16 0.00	20.63 1.04 0.00	17.91 0.91 0.00	12.69 0.68 0.00	13.54 0.72 0.00	14.29 0.85 0.00	10.33 1.01 4.81	7.04 0.79 4.09	10.78 1.05 3.62	16.71 1.51 2.22	22.76 1.85 -0.61	26.43 2.41 2.97	27.43 2.30 2.03	22.03 1.75 0.56	34.69 2.27 0.00	70.45 4.28 0.00	192.08 10.81 0.00	40.88 2.31 0.00	30.70 1.78 0.11	19.27 1.46 2.30
PPL_SHRM_GT3 24213	13.49 1.46 10.39	15.75 1.09 4.25	24.88 1.32 1.27	24.62 1.26 0.11	21.95 1.22 0.00	20.70 1.12 0.00	17.99 0.99 0.00	12.75 0.74 0.00	13.59 0.77 0.00	14.34 0.90 0.00	9.19 1.05 5.99	6.06 0.82 5.10	9.92 1.08 4.51	15.94 1.54 3.03	22.08 1.92 0.14	26.04 2.48 3.43	26.99 2.42 2.60	22.21 1.93 0.56	34.95 2.53 0.00	71.00 4.83 0.00	193.46 12.19 0.00	41.12 2.55 0.00	30.83 1.97 0.16	17.82 1.59 3.87
PPL_SHRM_GT4 24214	13.49 1.46 10.39	15.75 1.09 4.25	24.88 1.32 1.27	24.62 1.26 0.11	21.95 1.22 0.00	20.70 1.12 0.00	17.99 0.99 0.00	12.75 0.74 0.00	13.59 0.77 0.00	14.34 0.90 0.00	9.19 1.05 5.99	6.06 0.82 5.10	9.92 1.08 4.51	15.94 1.54 3.03	22.08 1.92 0.14	26.04 2.48 3.43	26.99 2.42 2.60	22.21 1.93 0.56	34.95 2.53 0.00	71.00 4.83 0.00	193.46 12.19 0.00	41.12 2.55 0.00	30.83 1.97 0.16	17.82 1.59 3.87
PROJECT___ORANGE 1 24174	21.81 -0.62 0.00	18.39 -0.52 0.00	24.19 -0.65 0.00	22.87 -0.60 0.00	20.20 -0.54 0.00	19.11 -0.48 0.00	16.58 -0.43 0.00	11.66 -0.36 0.00	12.44 -0.38 0.00	13.03 -0.41 0.00	13.74 -0.39 0.00	9.98 -0.36 0.00	12.88 -0.47 0.00	14.66 -0.61 2.16	0.22 -0.67 19.42	-26.25 -0.86 52.39	-22.34 -0.85 48.66	14.65 -0.65 5.55	31.50 -0.91 0.00	64.49 -1.68 0.00	177.21 -4.06 0.00	37.64 -0.94 0.00	28.32 -0.71 0.00	19.69 -0.41 0.00
PROJECT___ORANGE 2 24166	21.81 -0.62 0.00	18.39 -0.52 0.00	24.19 -0.65 0.00	22.87 -0.60 0.00	20.20 -0.54 0.00	19.11 -0.48 0.00	16.58 -0.43 0.00	11.66 -0.36 0.00	12.44 -0.38 0.00	13.03 -0.41 0.00	13.74 -0.39 0.00	9.98 -0.36 0.00	12.88 -0.47 0.00	14.66 -0.61 2.16	0.22 -0.67 19.42	-26.25 -0.86 52.39	-22.34 -0.85 48.66	14.65 -0.65 5.55	31.50 -0.91 0.00	64.49 -1.68 0.00	177.21 -4.06 0.00	37.64 -0.94 0.00	28.32 -0.71 0.00	19.69 -0.41 0.00
PUCKETT___SOLAR 323809	22.32 -0.11 0.00	18.84 -0.07 0.00	24.82 -0.02 0.00	23.44 -0.04 0.00	20.72 -0.02 0.00	19.62 0.04 0.00	17.03 0.02 0.00	11.98 -0.04 0.00	12.80 -0.03 0.00	13.38 -0.05 0.00	14.10 -0.03 0.00	10.16 -0.17 0.00	13.05 -0.30 0.00	15.88 -0.36 1.19	9.20 -0.40 10.70	-2.13 -0.25 28.87	0.02 -0.33 26.82	17.54 -0.25 3.06	32.25 -0.16 0.00	66.19 0.02 0.00	181.69 0.43 0.00	38.57 0.00 0.00	29.05 0.02 0.00	20.19 0.09 0.00
PYRITES___HYD 24023	22.77 0.34 0.00	19.17 0.26 0.00	25.35 0.51 0.00	23.80 0.33 0.00	21.01 0.27 0.00	19.88 0.30 0.00	17.34 0.33 0.00	12.22 0.20 0.00	12.97 0.15 0.00	13.52 0.08 0.00	14.00 -0.13 0.00	10.35 0.01 0.00	13.34 -0.01 0.00	16.93 -0.12 0.38	16.64 -0.28 3.39	17.49 -0.36 9.14	18.49 -0.18 8.49	19.61 -0.26 0.97	32.24 -0.18 0.00	66.06 -0.11 0.00	182.35 1.07 0.00	39.10 0.52 0.00	29.44 0.42 0.00	20.19 0.08 0.00
QUAKERRD_115KV_BK1 80622	21.08 -1.34 0.00	17.80 -1.11 0.00	23.43 -1.41 0.00	22.08 -1.39 0.00	19.51 -1.23 0.00	18.53 -1.06 0.00	16.11 -0.90 0.00	11.26 -0.76 0.00	12.05 -0.77 0.00	12.65 -0.79 0.00	13.44 -0.69 0.00	9.66 -0.68 0.00	12.45 -0.90 0.00	15.06 -1.27 1.10	9.07 -1.33 9.91	-1.40 -1.65 26.74	0.70 -1.64 24.83	16.56 -1.46 2.83	30.39 -2.03 0.00	62.33 -3.84 0.00	171.63 -9.64 0.00	36.37 -2.20 0.00	27.38 -1.64 0.00	19.07 -1.03 0.00
QUENSBRY_115KV_TB8 356137	23.14 0.71 0.00	19.58 0.67 0.00	25.64 0.80 0.00	24.20 0.72 0.00	21.35 0.61 0.00	20.17 0.59 0.00	17.42 0.40 0.00	12.33 0.31 0.00	13.03 0.21 0.00	13.58 0.14 0.00	14.19 0.06 0.00	10.46 0.12 0.00	13.52 0.17 0.00	17.47 0.19 0.15	19.29 0.32 1.35	23.94 0.58 3.64	24.43 0.64 3.38	21.09 0.63 0.38	33.59 1.17 0.00	68.99 2.82 0.00	187.94 6.67 0.00	39.89 1.31 0.00	29.80 0.78 0.00	20.66 0.56 0.00
RAMAPO___LBMP 323565	23.00 0.57 0.00	19.34 0.43 0.00	25.34 0.50 0.00	24.08 0.60 0.00	21.29 0.55 0.00	20.04 0.46 0.00	17.42 0.41 0.00	12.35 0.34 0.00	13.23 0.40 0.00	13.95 0.52 0.00	14.70 0.57 0.00	10.81 0.47 0.00	13.95 0.60 0.00	18.06 0.85 0.23	19.31 1.06 2.05	22.83 1.37 5.54	23.32 1.30 5.14	21.29 1.03 0.58	33.74 1.33 0.00	68.54 2.37 0.00	187.60 6.33 0.00	39.91 1.33 0.00	29.96 0.94 0.00	20.77 0.67 0.00
RANKINE____ 23646	21.34 -1.08 0.00	18.04 -0.87 0.00	23.80 -1.04 0.00	22.39 -1.09 0.00	19.78 -0.96 0.00	18.85 -0.74 0.00	16.40 -0.61 0.00	11.42 -0.60 0.00	12.28 -0.55 0.00	12.91 -0.52 0.00	13.89 -0.24 0.00	9.82 -0.52 0.00	12.62 -0.73 0.00	15.24 -1.11 1.08	9.62 -1.00 9.69	-0.23 -1.07 26.16	1.73 -1.14 24.29	16.73 -1.34 2.77	30.54 -1.87 0.00	62.79 -3.38 0.00	173.35 -7.92 0.00	36.57 -2.00 0.00	27.64 -1.39 0.00	19.38 -0.72 0.00
RAVENSWOOD_GT2_1 24244	23.25 0.83 0.00	19.55 0.64 0.00	25.56 0.72 0.00	24.30 0.82 0.00	21.51 0.77 0.00	20.24 0.66 0.00	17.63 0.62 0.00	12.52 0.50 0.00	13.42 0.60 0.00	14.17 0.73 0.00	14.93 0.80 0.00	10.96 0.62 0.00	14.16 0.81 0.00	18.33 1.12 0.22	19.69 1.37 1.98	23.39 1.74 5.35	23.86 1.66 4.97	21.60 1.32 0.56	34.14 1.73 0.00	69.24 3.07 0.00	189.22 7.95 0.00	40.32 1.74 0.00	30.29 1.26 0.00	21.01 0.91 0.00
RAVENSWOOD_GT2_2 24245	23.25 0.83 0.00	19.55 0.64 0.00	25.56 0.72 0.00	24.30 0.82 0.00	21.51 0.77 0.00	20.24 0.66 0.00	17.63 0.62 0.00	12.52 0.50 0.00	13.42 0.60 0.00	14.17 0.73 0.00	14.93 0.80 0.00	10.96 0.62 0.00	14.16 0.81 0.00	18.33 1.12 0.22	19.69 1.37 1.98	23.39 1.74 5.35	23.86 1.66 4.97	21.60 1.32 0.56	34.14 1.73 0.00	69.24 3.07 0.00	189.22 7.95 0.00	40.32 1.74 0.00	30.29 1.26 0.00	21.01 0.91 0.00



RAVENSWOOD_GT2_3 24246	23.26 0.84 0.00	19.56 0.65 0.00	25.57 0.73 0.00	24.31 0.83 0.00	21.52 0.78 0.00	20.25 0.67 0.00	17.64 0.63 0.00	12.52 0.51 0.00	13.42 0.60 0.00	14.18 0.74 0.00	14.94 0.81 0.00	10.97 0.63 0.00	14.16 0.81 0.00	18.34 1.13 0.22	19.70 1.37 1.98	23.40 1.75 5.35	23.87 1.67 4.97	21.61 1.33 0.56	34.16 1.74 0.00	69.28 3.11 0.00	189.29 8.02 0.00	40.33 1.75 0.00	30.30 1.27 0.00	21.02 0.92 0.00
RAVENSWOOD_GT2_4 24247	23.26 0.84 0.00	19.56 0.65 0.00	25.57 0.73 0.00	24.31 0.83 0.00	21.52 0.78 0.00	20.25 0.67 0.00	17.64 0.63 0.00	12.52 0.51 0.00	13.42 0.60 0.00	14.18 0.74 0.00	14.94 0.81 0.00	10.97 0.63 0.00	14.16 0.81 0.00	18.34 1.13 0.22	19.70 1.37 1.98	23.40 1.75 5.35	23.87 1.67 4.97	21.61 1.33 0.56	34.16 1.74 0.00	69.28 3.11 0.00	189.29 8.02 0.00	40.33 1.75 0.00	30.30 1.27 0.00	21.02 0.92 0.00
RAVENSWOOD_GT3_1 24248	23.26 0.83 0.00	19.56 0.64 0.00	25.56 0.72 0.00	24.30 0.83 0.00	21.51 0.77 0.00	20.25 0.66 0.00	17.64 0.62 0.00	12.52 0.50 0.00	13.42 0.60 0.00	14.17 0.73 0.00	14.93 0.80 0.00	10.96 0.63 0.00	14.16 0.81 0.00	18.33 1.12 0.22	19.69 1.36 1.98	23.38 1.73 5.35	23.85 1.65 4.97	21.59 1.31 0.56	34.13 1.72 0.00	69.22 3.05 0.00	189.18 7.91 0.00	40.30 1.73 0.00	30.28 1.25 0.00	21.00 0.90 0.00
RAVENSWOOD_GT3_2 24249	23.26 0.83 0.00	19.56 0.64 0.00	25.56 0.72 0.00	24.30 0.83 0.00	21.51 0.77 0.00	20.25 0.66 0.00	17.64 0.62 0.00	12.52 0.50 0.00	13.42 0.60 0.00	14.17 0.73 0.00	14.93 0.80 0.00	10.96 0.63 0.00	14.16 0.81 0.00	18.33 1.12 0.22	19.69 1.36 1.98	23.38 1.73 5.35	23.85 1.65 4.97	21.59 1.31 0.56	34.13 1.72 0.00	69.22 3.05 0.00	189.18 7.91 0.00	40.30 1.73 0.00	30.28 1.25 0.00	21.00 0.90 0.00
RAVENSWOOD_GT3_3 24250	23.28 0.86 0.00	19.58 0.67 0.00	25.59 0.75 0.00	24.33 0.86 0.00	21.53 0.79 0.00	20.27 0.68 0.00	17.66 0.64 0.00	12.53 0.52 0.00	13.44 0.61 0.00	14.19 0.75 0.00	14.96 0.83 0.00	10.98 0.64 0.00	14.17 0.83 0.00	18.36 1.15 0.22	19.73 1.40 1.98	23.43 1.78 5.35	23.90 1.70 4.97	21.63 1.35 0.56	34.19 1.78 0.00	69.34 3.18 0.00	189.44 8.17 0.00	40.36 1.79 0.00	30.32 1.29 0.00	21.03 0.93 0.00
RAVENSWOOD_GT3_4 24251	23.28 0.86 0.00	19.58 0.67 0.00	25.59 0.75 0.00	24.33 0.86 0.00	21.53 0.79 0.00	20.27 0.68 0.00	17.66 0.64 0.00	12.53 0.52 0.00	13.44 0.61 0.00	14.19 0.75 0.00	14.96 0.83 0.00	10.98 0.64 0.00	14.17 0.83 0.00	18.36 1.15 0.22	19.73 1.40 1.98	23.43 1.78 5.35	23.90 1.70 4.97	21.63 1.35 0.56	34.19 1.78 0.00	69.34 3.18 0.00	189.44 8.17 0.00	40.36 1.79 0.00	30.32 1.29 0.00	21.03 0.93 0.00
RAVENSWOOD_GT_1 23729	23.34 0.91 0.00	19.62 0.71 0.00	25.62 0.78 0.00	24.38 0.90 0.00	21.58 0.84 0.00	20.31 0.72 0.00	17.71 0.69 -0.01	12.58 0.55 -0.01	13.48 0.64 -0.01	14.23 0.79 -0.01	15.00 0.86 -0.01	11.00 0.66 0.00	14.20 0.85 0.00	18.40 1.19 0.22	19.78 1.45 1.98	23.45 1.80 5.35	23.92 1.73 4.97	21.69 1.41 0.56	34.21 1.80 0.00	69.39 3.22 0.00	189.70 8.43 0.00	40.42 1.85 0.00	30.37 1.35 0.00	21.08 0.98 0.00
RAVENSWOOD_GT_10 24258	23.25 0.82 0.00	19.55 0.64 0.00	25.56 0.72 0.00	24.30 0.82 0.00	21.51 0.77 0.00	20.24 0.66 0.00	17.63 0.62 0.00	12.52 0.50 0.00	13.42 0.60 0.00															

RAVENSWOOD___1 23533	23.31 0.88 0.00	19.59 0.68 0.00	25.59 0.75 0.00	24.35 0.87 0.00	21.55 0.81 0.00	20.29 0.70 0.00	17.68 0.67 -0.01	12.56 0.54 -0.01	13.47 0.63 -0.01	14.21 0.77 -0.01	14.98 0.84 -0.01	10.99 0.65 0.00	14.18 0.83 0.00	18.37 1.16 0.22	19.77 1.44 1.98	23.46 1.81 5.35	23.95 1.75 4.97	21.69 1.41 0.56	34.21 1.79 0.00	69.38 3.21 0.00	189.69 8.42 0.00	40.42 1.85 0.00	30.37 1.35 0.00	21.09 0.98 0.00
RAVENSWOOD___2 23534	23.31 0.88 0.00	19.59 0.68 0.00	25.59 0.75 0.00	24.35 0.87 0.00	21.55 0.81 0.00	20.29 0.70 0.00	17.68 0.67 -0.01	12.56 0.54 -0.01	13.47 0.63 -0.01	14.21 0.77 -0.01	14.98 0.84 -0.01	10.99 0.65 0.00	14.18 0.83 0.00	18.37 1.16 0.22	19.77 1.44 1.98	23.46 1.81 5.35	23.95 1.75 4.97	21.69 1.41 0.56	34.21 1.79 0.00	69.38 3.21 0.00	189.69 8.42 0.00	40.42 1.85 0.00	30.37 1.35 0.00	21.09 0.98 0.00
RAVENSWOOD___3 23535	23.25 0.83 0.00	19.55 0.64 0.00	25.56 0.72 0.00	24.30 0.83 0.00	21.51 0.77 0.00	20.25 0.66 0.00	17.63 0.62 0.00	12.52 0.50 0.00	13.42 0.60 0.00	14.17 0.73 0.00	14.93 0.80 0.00	10.96 0.62 0.00	14.16 0.81 0.00	18.34 1.13 0.22	19.70 1.37 1.98	23.40 1.75 5.35	23.87 1.67 4.97	21.60 1.32 0.56	34.14 1.72 0.00	69.23 3.06 0.00	189.18 7.92 0.00	40.31 1.74 0.00	30.29 1.26 0.00	21.01 0.91 0.00
RAVENSWOOD___4 23820	23.31 0.88 0.00	19.59 0.68 0.00	25.59 0.75 0.00	24.35 0.87 0.00	21.55 0.81 0.00	20.29 0.70 0.00	17.68 0.67 -0.01	12.56 0.54 -0.01	13.47 0.63 -0.01	14.21 0.77 -0.01	14.98 0.84 -0.01	10.99 0.65 0.00	14.18 0.83 0.00	18.37 1.16 0.22	19.77 1.44 1.98	23.46 1.81 5.35	23.95 1.75 4.97	21.69 1.41 0.56	34.21 1.79 0.00	69.38 3.21 0.00	189.69 8.42 0.00	40.42 1.85 0.00	30.37 1.35 0.00	21.09 0.98 0.00
RCPL_TRUST___DRP 24196	23.26 0.84 0.00	19.56 0.65 0.00	25.57 0.73 0.00	24.30 0.82 0.00	21.50 0.77 0.00	20.24 0.66 0.00	17.62 0.61 0.00	12.51 0.49 0.00	13.41 0.59 0.00	14.16 0.72 0.00	14.93 0.80 0.00	10.97 0.63 0.00	14.16 0.81 0.00	18.35 1.14 0.22	19.71 1.38 1.98	23.42 1.77 5.35	23.87 1.67 4.97	21.62 1.34 0.56	34.17 1.76 0.00	69.29 3.12 0.00	189.36 8.09 0.00	40.34 1.77 0.00	30.30 1.28 0.00	21.01 0.91 0.00
RED___ROCHESTER 323720	21.46 -0.85 0.11	18.04 -0.69 0.18	23.87 -0.87 0.10	22.52 -0.89 0.07	19.86 -0.79 0.09	18.72 -0.63 0.23	16.46 -0.53 0.02	11.49 -0.51 0.02	12.31 -0.50 0.02	12.94 -0.49 0.00	13.79 -0.35 0.00	9.87 -0.47 0.00	12.73 -0.62 0.00	15.46 -0.92 1.06	9.90 -0.90 9.50	0.31 -1.05 25.63	2.33 -1.02 23.81	17.10 -1.03 2.71	31.03 -1.32 0.07	63.53 -2.36 0.28	175.62 -5.40 0.25	37.01 -1.34 0.23	28.05 -0.98 0.00	19.54 -0.57 0.00
REGAN___SOLAR 323812	23.35 0.93 0.00	19.66 0.75 0.00	25.85 1.01 0.00	24.43 0.95 0.00	21.61 0.87 0.00	20.42 0.83 0.00	17.65 0.64 0.00	12.40 0.38 0.00	13.16 0.34 0.00	13.49 0.06 0.00	13.98 -0.15 0.00	10.13 -0.21 0.00	13.06 -0.29 0.00	16.85 -0.38 0.20	18.10 -0.39 1.82	22.62 0.53 4.91	23.65 1.04 4.56	20.90 0.57 0.52	33.10 0.69 0.00	68.62 2.45 0.00	190.46 9.19 0.00	40.53 1.95 0.00	30.40 1.37 0.00	21.00 0.90 0.00
RENSSELAER___COGEN 23796	22.41 -0.01 0.00	18.93 0.02 0.00	24.80 -0.04 0.00	23.46 -0.01 0.00	20.73 -0.01 0.00	19.55 -0.03 0.00	16.94 -0.07 0.00	11.99 -0.02 0.00	12.76 -0.06 0.00	13.32 -0.12 0.00	14.00 -0.13 0.00	10.29 -0.05 0.00	13.33 -0.03 0.00	17.27 -0.01 0.16	18.92 0.01 1.40	23.18 -0.05 3.77	23.59 -0.07 3.51	20.46 0.02 0.40	32.38 -0.04 0.00	66.04 -0.12 0.00	180.29 -0.98 0.00	38.37 -0.20 0.00	28.88 -0.14 0.00	20.09 -0.01 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.51 1.09 0.00	20.10 1.19 0.00	26.17 1.33 0.00	24.53 1.06 0.00	21.53 0.79 0.00	20.42 0.83 0.00	17.63 0.61 0.00	12.54 0.53 0.00	13.11 0.28 0.00	13.77 0.33 0.00	14.47 0.34 0.00	10.81 0.47 0.00	13.95 0.60 0.00	17.82 0.54 0.15	19.78 0.82 1.35	24.45 1.09 3.64	25.07 1.28 3.38	21.91 1.45 0.38	34.88 2.46 0.00	72.00 5.82 0.00	193.47 12.20 0.00	40.96 2.39 0.00	30.31 1.29 0.00	21.11 1.00 0.00
REVERE_CPPR_DRP 24186	22.67 0.25 0.00	19.11 0.19 0.00	25.14 0.30 0.00	23.80 0.33 0.00	21.02 0.28 0.00	19.87 0.29 0.00	17.26 0.25 0.00	12.18 0.16 0.00	13.00 0.18 0.00	13.57 0.14 0.00	14.20 0.07 0.00	10.30 -0.05 0.00	13.25 -0.10 0.00	16.26 -0.15 1.02	10.91 -0.19 9.21	1.94 -0.20 24.85	4.07 -0.02 23.08	18.33 0.12 2.63	32.85 0.44 0.00	67.46 1.29 0.00	185.96 4.69 0.00	39.57 0.99 0.00	29.69 0.66 0.00	20.49 0.39 0.00
REYNLDPA_13_KV_LD 356490	22.73 0.31 0.00	19.15 0.24 0.00	25.18 0.34 0.00	23.65 0.17 0.00	20.89 0.14 0.00	19.77 0.18 0.00	17.24 0.22 0.00	12.18 0.16 0.00	13.01 0.19 0.00	13.62 0.18 0.00	14.36 0.23 0.00	10.51 0.17 0.00	13.54 0.19 0.00	17.42 0.16 0.16	18.92 0.09 1.49	23.11 0.13 4.01	23.59 0.15 3.73	20.45 0.03 0.42	32.48 0.06 0.00	66.17 0.00 0.00	181.16 -0.11 0.00	38.39 -0.18 0.00	29.16 0.13 0.00	20.11 0.00 0.00
REYNOLDS_115KV_TB3 80639	22.55 0.12 0.00	19.05 0.14 0.00	24.94 0.11 0.00	23.59 0.11 0.00	20.84 0.10 0.00	19.66 0.08 0.00	17.02 0.01 0.00	12.06 0.04 0.00	12.83 0.00 0.00	13.39 -0.05 0.00	14.05 -0.08 0.00	10.34 0.00 0.00	13.39 0.04 0.00	17.35 0.08 0.16	19.02 0.11 1.39	23.30 0.06 3.76	23.71 0.04 3.49	20.55 0.10 0.40	32.55 0.13 0.00	66.42 0.25 0.00	181.19 -0.08 0.00	38.58 0.00 0.00	29.01 -0.01 0.00	20.19 0.10 0.00
RIVERBAY____ 323610	23.90 1.48 0.00	20.10 1.19 0.00	26.19 1.35 0.00	25.00 1.52 0.00	22.11 1.37 0.00	20.83 1.24 0.00	18.17 1.16 -0.01	12.86 0.83 -0.01	13.76 0.93 -0.01	14.53 1.08 -0.01	15.31 1.17 -0.01	11.25 0.91 0.00	14.45 1.10 0.00	18.78 1.57 0.22	20.23 1.90 1.98	24.05 2.40 5.35	24.52 2.32 4.97	22.14 1.86 0.56	34.94 2.52 0.00	70.95 4.78 0.00	194.08 12.81 0.00	41.35 2.78 0.00	31.07 2.05 0.00	21.56 1.46 0.00
RIVERSDE_115KV_TB3 55908	22.49 0.06 0.00	19.00 0.09 0.00	24.88 0.03 0.00	23.54 0.06 0.00	20.79 0.05 0.00	19.61 0.02 0.00	16.99 -0.03 0.00	12.03 0.01 0.00	12.80 -0.03 0.00	13.36 -0.08 0.00	14.03 -0.10 0.00	10.31 -0.03 0.00	13.36 0.01 0.00	17.31 0.04 0.16	18.98 0.06 1.39	23.26 0.02 3.76	23.68 0.00 3.49	20.52 0.08 0.40	32.48 0.06 0.00	66.27 0.10 0.00	180.82 -0.44 0.00	38.49 -0.08 0.00	28.96 -0.07 0.00	20.15 0.05 0.00
ROARING___BROOK_WT_PWR 323790	22.20 -0.22 0.00	18.70 -0.21 0.00	24.61 -0.23 0.00	23.30 -0.18 0.00	20.61 -0.13 0.00	19.45 -0.13 0.00	16.91 -0.10 0.00	11.97 -0.05 0.00	12.79 -0.04 0.00	13.39 -0.04 0.00	14.07 -0.06 0.00	10.30 -0.04 0.00	13.30 -0.05 0.00	17.23 -0.08 0.12	19.10 -0.14 1.07	23.90 -0.21 2.88	24.35 -0.14 2.68	20.39 -0.14 0.30	32.24 -0.18 0.00	65.84 -0.32 0.00	180.39 -0.87 0.00	38.40 -0.17 0.00	28.91 -0.12 0.00	19.97 -0.13 0.00

ROCHESRG_115KV_T4 355643	21.38 -1.04 0.00	18.06 -0.85 0.00	23.78 -1.06 0.00	22.41 -1.06 0.00	19.79 -0.95 0.00	18.81 -0.78 0.00	16.36 -0.65 0.00	11.43 -0.59 0.00	12.24 -0.58 0.00	12.85 -0.58 0.00	13.69 -0.44 0.00	9.80 -0.53 0.00	12.64 -0.72 0.00	15.35 -1.04 1.04	9.93 -1.04 9.33	0.58 -1.24 25.18	2.55 -1.23 23.38	16.97 -1.21 2.67	30.77 -1.65 0.00	63.11 -3.06 0.00	173.97 -7.30 0.00	36.84 -1.74 0.00	27.76 -1.27 0.00	19.35 -0.75 0.00
ROCHESTER_9_IC 23652	21.49 -0.94 0.00	18.15 -0.77 0.00	23.88 -0.96 0.00	22.51 -0.97 0.00	19.88 -0.86 0.00	18.89 -0.70 0.00	16.43 -0.59 0.00	11.47 -0.55 0.00	12.28 -0.54 0.00	12.90 -0.54 0.00	13.74 -0.39 0.00	9.84 -0.50 0.00	12.68 -0.67 0.00	15.40 -0.98 1.06	9.84 -0.96 9.50	0.23 -1.13 25.63	2.24 -1.12 23.81	17.01 -1.12 2.71	30.93 -1.48 0.00	63.45 -2.72 0.00	174.95 -6.32 0.00	37.04 -1.53 0.00	27.91 -1.12 0.00	19.45 -0.65 0.00
ROCKVIEW_13_KV_LD 356306	23.28 0.85 0.00	19.58 0.67 0.00	25.61 0.77 0.00	24.29 0.82 0.00	21.49 0.75 0.00	20.23 0.65 0.00	17.60 0.59 0.00	12.48 0.46 0.00	13.37 0.54 0.00	14.10 0.67 0.00	14.87 0.74 0.00	10.94 0.59 0.00	14.12 0.77 0.00	18.29 1.08 0.22	19.65 1.32 1.98	23.35 1.70 5.35	23.83 1.63 4.97	21.58 1.30 0.56	34.15 1.74 0.00	69.30 3.13 0.00	189.43 8.16 0.00	40.32 1.75 0.00	30.28 1.26 0.00	21.01 0.91 0.00
ROME____115KV_TB2 80656	22.67 0.25 0.00	19.11 0.19 0.00	25.14 0.30 0.00	23.80 0.33 0.00	21.02 0.28 0.00	19.87 0.29 0.00	17.26 0.25 0.00	12.18 0.16 0.00	13.00 0.18 0.00	13.57 0.14 0.00	14.20 0.07 0.00	10.30 -0.05 0.00	13.25 -0.10 0.00	16.26 -0.15 1.02	10.91 -0.19 9.21	1.94 -0.20 24.85	4.07 -0.02 23.08	18.33 0.12 2.63	32.85 0.44 0.00	67.46 1.29 0.00	185.96 4.69 0.00	39.57 0.99 0.00	29.69 0.66 0.00	20.49 0.39 0.00
ROSETON___1 23587	23.00 0.57 0.00	19.35 0.44 0.00	25.34 0.50 0.00	24.06 0.58 0.00	21.28 0.53 0.00	20.03 0.44 0.00	17.42 0.40 0.00	12.34 0.32 0.00	13.19 0.37 0.00	13.90 0.47 0.00	14.65 0.52 0.00	10.76 0.43 0.00	13.90 0.55 0.22	17.99 0.78 0.22	19.28 0.96 1.99	22.85 1.23 5.37	23.34 1.16 4.99	21.21 0.93 0.57	33.64 1.22 0.00	68.37 2.20 0.00	186.97 5.70 0.00	39.79 1.22 0.00	29.89 0.87 0.00	20.74 0.63 0.00
ROSETON___2 23588	23.00 0.57 0.00	19.35 0.44 0.00	25.34 0.50 0.00	24.06 0.58 0.00	21.28 0.53 0.00	20.03 0.44 0.00	17.42 0.40 0.00	12.34 0.32 0.00	13.19 0.37 0.00	13.90 0.47 0.00	14.65 0.52 0.00	10.76 0.43 0.00	13.90 0.55 0.22	17.99 0.78 0.22	19.28 0.96 1.99	22.85 1.23 5.37	23.34 1.16 4.99	21.21 0.93 0.57	33.64 1.22 0.00	68.37 2.20 0.00	186.97 5.70 0.00	39.79 1.22 0.00	29.89 0.87 0.00	20.74 0.63 0.00
ROTRDAM_115KV_TB3 80664	22.72 0.29 0.00	19.17 0.26 0.00	25.15 0.31 0.00	23.79 0.32 0.00	21.02 0.27 0.00	19.83 0.25 0.00	17.18 0.17 0.00	12.14 0.12 0.00	12.93 0.10 0.00	13.51 0.07 0.00	14.15 0.02 0.00	10.38 0.04 0.00	13.42 0.06 0.00	17.39 0.11 0.15	19.11 0.15 1.35	23.60 0.25 3.65	24.09 0.31 3.39	20.73 0.28 0.39	32.84 0.42 0.00	67.13 0.96 0.00	183.74 2.47 0.00	39.09 0.52 0.00	29.37 0.35 0.00	20.37 0.27 0.00
RUSSELL___1 23602	21.57 -0.85 0.00	18.22 -0.69 0.00	23.97 -0.87 0.00	22.59 -0.89 0.00	19.96 -0.79 0.00	18.96 -0.63 0.00	16.48 -0.53 0.00	11.51 -0.51 0.00	12.32 -0.50 0.00	12.94 -0.49 0.00	13.79 -0.34 0.00	9.87 -0.47 0.00	12.73 -0.62 0.00	15.46 -0.92 1.06	9.92 -0.89 9.50	0.33 -1.03 25.63	2.35 -1.01 23.81	17.10 -1.03 2.71	31.09 -1.33 0.00	63.80 -2.37 0.00	175.85 -5.42 0.00	37.23 -1.34 0.00	28.05 -0.98 0.00	19.53 -0.57 0.00
RUSSELL___2 23532	21.57 -0.85 0.00	18.22 -0.69 0.00	23.97 -0.87 0.00	22.59 -0.89 0.00	19.96 -0.79 0.00	18.96 -0.63 0.00	16.48 -0.53 0.00	11.51 -0.51 0.00	12.32 -0.50 0.00	12.94 -0.49 0.00	13.79 -0.34 0.00	9.87 -0.47 0.00	12.73 -0.62 0.00	15.46 -0.92 1.06	9.92 -0.89 9.50	0.33 -1.03 25.63	2.35 -1.01 23.81	17.10 -1.03 2.71	31.09 -1.33 0.00	63.80 -2.37 0.00	175.85 -5.42 0.00	37.23 -1.34 0.00	28.05 -0.98 0.00	19.53 -0.57 0.00
RUSSELL___3 23549	21.57 -0.85 0.00	18.22 -0.69 0.00	23.97 -0.87 0.00	22.59 -0.89 0.00	19.96 -0.79 0.00	18.96 -0.63 0.00	16.48 -0.53 0.00	11.51 -0.51 0.00	12.32 -0.50 0.00	12.94 -0.49 0.00	13.79 -0.34 0.00	9.87 -0.47 0.00	12.73 -0.62 0.00	15.46 -0.92 1.06	9.92 -0.89 9.50	0.33 -1.03 25.63	2.35 -1.01 23.81	17.10 -1.03 2.71	31.09 -1.33 0.00	63.80 -2.37 0.00	175.85 -5.42 0.00	37.23 -1.34 0.00	28.05 -0.98 0.00	19.53 -0.57 0.00
RUSSELL___4 23556	21.57 -0.85 0.00	18.22 -0.69 0.00	23.97 -0.87 0.00	22.59 -0.89 0.00	19.96 -0.79 0.00	18.96 -0.63 0.00	16.48 -0.53 0.00	11.51 -0.51 0.00	12.32 -0.50 0.00	12.94 -0.49 0.00	13.79 -0.34 0.00	9.87 -0.47 0.00	12.73 -0.62 0.00	15.46 -0.92 1.06	9.92 -0.89 9.50	0.33 -1.03 25.63	2.35 -1.01 23.81	17.10 -1.03 2.71	31.09 -1.33 0.00	63.80 -2.37 0.00	175.85 -5.42 0.00	37.23 -1.34 0.00	28.05 -0.98 0.00	19.53 -0.57 0.00
RUSSELL___STATION 23914	21.57 -0.85 0.00	18.22 -0.69 0.00	23.97 -0.87 0.00	22.59 -0.89 0.00	19.96 -0.79 0.00	18.96 -0.63 0.00	16.48 -0.53 0.00	11.51 -0.51 0.00	12.32 -0.50 0.00	12.94 -0.49 0.00	13.79 -0.34 0.00	9.87 -0.47 0.00	12.73 -0.62 0.00	15.46 -0.92 1.06	9.92 -0.89 9.50	0.33 -1.03 25.63	2.35 -1.01 23.81	17.10 -1.03 2.71	31.09 -1.33 0.00	63.80 -2.37 0.00	175.85 -5.42 0.00	37.23 -1.34 0.00	28.05 -0.98 0.00	19.53 -0.57 0.00
S SALMON___HYD 24043	21.65 -0.78 0.00	18.26 -0.65 0.00	24.06 -0.78 0.00	22.80 -0.68 0.00	20.09 -0.65 0.00	18.98 -0.61 0.00	16.49 -0.52 0.00	11.61 -0.41 0.00	12.38 -0.44 0.00	12.93 -0.51 0.00	13.56 -0.57 0.00	9.85 -0.48 0.00	12.70 -0.65 0.00	14.36 -0.90 2.18	-0.37 -1.07 19.61	-27.35 -1.45 52.89	-23.37 -1.40 49.13	14.18 -1.06 5.60	31.07 -1.35 0.00	64.06 -2.11 0.00	177.17 -4.10 0.00	37.77 -0.81 0.00	28.40 -0.63 0.00	19.58 -0.52 0.00
S.PERRY__115KV_TB1 80734	22.02 -0.41 0.00	18.61 -0.30 0.00	24.50 -0.34 0.00	23.10 -0.38 0.00	20.42 -0.32 0.00	19.44 -0.15 0.00	16.86 -0.15 0.00	11.63 -0.39 0.00	12.34 -0.48 0.00	12.95 -0.48 0.00	13.83 -0.30 0.00	9.89 -0.45 0.00	12.73 -0.62 0.00	15.37 -0.90 1.15	9.07 -0.86 10.39	-2.00 -0.96 28.03	0.15 -0.98 26.03	16.89 -0.98 2.97	31.23 -1.19 0.00	64.93 -1.24 0.00	180.87 -0.41 0.00	38.28 -0.29 0.00	28.83 -0.20 0.00	20.06 -0.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.12 -1.30 0.00	17.86 -1.05 0.00	23.56 -1.28 0.00	22.15 -1.32 0.00	19.57 -1.17 0.00	18.65 -0.94 0.00	16.24 -0.77 0.00	11.31 -0.71 0.00	12.17 -0.65 0.00	12.81 -0.63 0.00	13.79 -0.34 0.00	9.74 -0.60 0.00	12.52 -0.83 0.00	15.10 -1.27 1.06	9.60 -1.17 9.54	-0.04 -1.30 25.72	1.92 -1.35 23.89	16.59 -1.53 2.72	30.22 -2.20 0.00	62.04 -4.13 0.00	171.26 -10.01 0.00	36.14 -2.43 0.00	27.35 -1.68 0.00	19.18 -0.92 0.00

SAWYER___23_KV_LOAD 55526	21.12 -1.30 0.00	17.86 -1.05 0.00	23.56 -1.28 0.00	22.15 -1.32 0.00	19.57 -1.17 0.00	18.65 -0.94 0.00	16.24 -0.77 0.00	11.31 -0.71 0.00	12.17 -0.65 0.00	12.81 -0.63 0.00	13.79 -0.34 0.00	9.74 -0.60 0.00	12.52 -0.83 0.00	15.10 -1.27 1.06	9.60 -1.17 9.54	-0.04 -1.30 25.72	1.92 -1.35 23.89	16.59 -1.53 2.72	30.22 -2.20 0.00	62.04 -4.13 0.00	171.26 -10.01 0.00	36.14 -2.43 0.00	27.35 -1.68 0.00	19.18 -0.92 0.00
SELKIRK___I 23801	22.63 0.21 0.00	19.11 0.19 0.00	25.06 0.22 0.00	23.71 0.23 0.00	20.95 0.21 0.00	19.77 0.18 0.00	17.11 0.10 0.00	12.08 0.07 0.00	12.86 0.03 0.00	13.43 -0.01 0.00	14.11 -0.02 0.00	10.35 0.01 0.00	13.39 0.04 0.00	17.35 0.08 0.16	18.97 0.10 1.44	23.21 0.10 3.88	23.69 0.13 3.60	20.60 0.16 0.41	32.65 0.24 0.00	66.69 0.52 0.00	182.15 0.88 0.00	38.76 0.19 0.00	29.17 0.14 0.00	20.27 0.17 0.00
SELKIRK___II 23799	22.51 0.09 0.00	19.01 0.09 0.00	24.91 0.08 0.00	23.58 0.10 0.00	20.83 0.09 0.00	19.65 0.07 0.00	17.03 0.02 0.00	12.05 0.03 0.00	12.83 0.00 0.00	13.41 -0.02 0.00	14.10 -0.03 0.00	10.35 0.01 0.00	13.40 0.05 0.00	17.36 0.09 0.16	19.02 0.12 1.41	23.31 0.11 3.79	23.73 0.08 3.52	20.57 0.13 0.40	32.56 0.14 0.00	66.42 0.25 0.00	181.37 0.10 0.00	38.61 0.04 0.00	29.05 0.03 0.00	20.19 0.09 0.00
SENECA OSWGO___HYD 24041	21.48 -0.94 0.00	18.12 -0.79 0.00	23.82 -1.02 0.00	22.52 -0.96 0.00	19.89 -0.85 0.00	18.80 -0.79 0.00	16.33 -0.68 0.00	11.48 -0.53 0.00	12.25 -0.58 0.00	12.82 -0.61 0.00	13.50 -0.62 0.00	9.81 -0.52 0.00	12.66 -0.69 0.00	13.95 -0.91 2.57	-3.79 -1.02 23.09	-36.62 -1.34 62.28	-32.01 -1.32 57.85	13.25 -1.00 6.59	31.02 -1.40 0.00	63.59 -2.58 0.00	174.96 -6.31 0.00	37.16 -1.41 0.00	27.94 -1.08 0.00	19.38 -0.72 0.00
SENECA___115KV_TB3 355854	21.37 -1.06 0.00	18.07 -0.84 0.00	23.83 -1.01 0.00	22.42 -1.06 0.00	19.81 -0.93 0.00	18.87 -0.71 0.00	16.42 -0.60 0.00	11.43 -0.58 0.00	12.29 -0.53 0.00	12.93 -0.51 0.00	13.91 -0.22 0.00	9.83 -0.50 0.00	12.64 -0.71 0.00	15.26 -1.09 1.08	9.64 -0.97 9.69	-0.19 -1.03 26.16	1.77 -1.11 24.29	16.76 -1.32 2.77	30.59 -1.83 0.00	62.88 -3.29 0.00	173.58 -7.69 0.00	36.62 -1.95 0.00	27.68 -1.35 0.00	19.41 -0.69 0.00
SENECA___ENERGY 23797	21.60 -0.82 0.00	18.22 -0.69 0.00	24.00 -0.84 0.00	22.63 -0.84 0.00	20.01 -0.73 0.00	18.94 -0.64 0.00	16.47 -0.55 0.00	11.52 -0.50 0.00	12.31 -0.52 0.00	12.89 -0.55 0.00	13.64 -0.49 0.00	9.86 -0.48 0.00	12.70 -0.65 0.00	14.67 -0.88 1.88	2.41 -0.96 16.94	-19.91 -1.22 45.69	-16.47 -1.19 42.44	15.04 -0.97 4.84	31.13 -1.29 0.00	63.87 -2.30 0.00	175.62 -5.65 0.00	37.33 -1.25 0.00	28.07 -0.95 0.00	19.53 -0.57 0.00
SHOEMAKER___GT 23640	22.88 0.46 0.00	19.26 0.35 0.00	25.25 0.41 0.00	23.96 0.49 0.00	21.18 0.44 0.00	19.95 0.37 0.00	17.34 0.33 0.00	12.27 0.26 0.00	13.10 0.28 0.00	13.78 0.35 0.00	14.51 0.38 0.00	10.66 0.32 0.00	13.75 0.40 0.00	17.79 0.60 0.24	18.91 0.74 2.14	22.20 0.98 5.78	22.72 0.92 5.36	20.97 0.74 0.61	33.41 1.00 0.00	68.04 1.87 0.00	186.32 5.05 0.00	39.64 1.06 0.00	29.78 0.75 0.00	20.65 0.54 0.00
SHOEMAKR_138KV_BK 111 55601	22.88 0.46 0.00	19.26 0.35 0.00	25.24 0.41 0.00	23.96 0.48 0.00	21.18 0.44 0.00	19.95 0.37 0.00	17.34 0.33 0.00	12.27 0.26 0.00	13.11 0.28 0.00	13.79 0.36 0.00	14.53 0.40 0.00	10.67 0.33 0.00	13.77 0.42 0.00	17.81 0.62 0.24	18.92 0.76 2.15	22.19 1.00 5.81	22.72 0.94 5.39	20.99 0.76 0.61	33.43 1.01 0.00	68.04 1.88 0.00	186.23 4.96 0.00	39.62 1.05 0.00	29.77 0.74 0.00	20.64 0.54 0.00
SHOREHAM_IC_1 23715	13.49 1.46 10.39	15.75 1.09 4.25	24.88 1.32 1.27	24.62 1.26 0.11	21.95 1.22 0.00	20.70 1.12 0.00	17.99 0.99 0.00	12.75 0.74 0.00	13.59 0.77 0.00	14.34 0.90 0.00	9.19 1.05 5.99	6.06 0.82 5.10	9.92 1.08 4.51	15.94 1.54 3.03	22.08 1.92 0.14	26.04 2.48 3.43	26.99 2.42 2.60	22.21 1.93 0.56	34.95 2.53 0.00	71.00 4.83 0.00	193.46 12.19 0.00	41.12 2.55 0.00	30.83 1.97 0.16	17.82 1.59 3.87
SHOREHAM_IC_2 23716	13.49 1.47 10.39	15.75 1.09 4.25	24.88 1.32 1.27	24.62 1.26 0.11	21.95 1.22 0.00	20.70 1.12 0.00	17.99 0.98 0.00	12.75 0.74 0.00	13.59 0.77 0.00	14.34 0.90 0.00	9.19 1.05 5.99	6.06 0.82 5.10	9.92 1.08 4.51	15.94 1.55 3.03	22.07 1.90 0.14	26.03 2.47 3.43	26.98 2.41 2.60	22.21 1.93 0.56	34.95 2.53 0.00	71.00 4.83 0.00	193.48 12.21 0.00	41.12 2.55 0.00	30.82 1.96 0.16	17.81 1.58 3.87
SISSONVILLE____ 23735	22.22 -0.21 0.00	18.72 -0.19 0.00	24.75 -0.08 0.00	23.27 -0.21 0.00	20.53 -0.21 0.00	19.42 -0.17 0.00	16.95 -0.06 0.00	11.97 -0.05 0.00	12.76 -0.07 0.00	13.32 -0.11 0.00	13.85 -0.28 0.00	10.23 -0.11 0.00	13.18 -0.17 0.00	16.70 -0.33 0.40	16.17 -0.52 3.62	16.54 -0.69 9.77	17.50 -0.59 9.08	19.26 -0.54 1.03	31.72 -0.69 0.00	64.89 -1.28 0.00	178.12 -3.15 0.00	38.20 -0.37 0.00	28.78 -0.25 0.00	19.73 -0.37 0.00
SITHE_IND_GS1 24169	21.37 -1.05 0.00	18.03 -0.88 0.00	23.70 -1.14 0.00	22.40 -1.08 0.00	19.79 -0.95 0.00	18.71 -0.88 0.00	16.25 -0.76 0.00	11.43 -0.58 0.00	12.20 -0.62 0.00	12.78 -0.65 0.00	13.48 -0.65 0.00	9.80 -0.53 0.00	12.65 -0.70 0.00	13.03 -0.93 3.47	-11.95 -1.04 31.21	-58.56 -1.35 84.20	-52.39 -1.35 78.21	10.87 -1.06 8.91	30.88 -1.54 0.00	63.18 -2.99 0.00	173.51 -7.76 0.00	36.87 -1.71 0.00	27.74 -1.28 0.00	19.26 -0.85 0.00
SITHE_IND_GS2 24170	21.37 -1.05 0.00	18.03 -0.88 0.00	23.70 -1.14 0.00	22.40 -1.08 0.00	19.79 -0.95 0.00	18.71 -0.88 0.00	16.25 -0.76 0.00	11.43 -0.58 0.00	12.20 -0.62 0.00	12.78 -0.65 0.00	13.48 -0.65 0.00	9.80 -0.53 0.00	12.65 -0.70 0.00	13.03 -0.93 3.47	-11.95 -1.04 31.21	-58.56 -1.35 84.20	-52.39 -1.35 78.21	10.87 -1.06 8.91	30.88 -1.54 0.00	63.18 -2.99 0.00	173.51 -7.76 0.00	36.87 -1.71 0.00	27.74 -1.28 0.00	19.26 -0.85 0.00
SITHE_IND_GS3 24171	21.37 -1.05 0.00	18.03 -0.88 0.00	23.70 -1.14 0.00	22.40 -1.08 0.00	19.79 -0.95 0.00	18.71 -0.88 0.00	16.25 -0.76 0.00	11.43 -0.58 0.00	12.20 -0.62 0.00	12.78 -0.65 0.00	13.48 -0.65 0.00	9.80 -0.53 0.00	12.65 -0.70 0.00	13.03 -0.93 3.47	-11.95 -1.04 31.21	-58.56 -1.35 84.20	-52.39 -1.35 78.21	10.87 -1.06 8.91	30.88 -1.54 0.00	63.18 -2.99 0.00	173.51 -7.76 0.00	36.87 -1.71 0.00	27.74 -1.28 0.00	19.26 -0.85 0.00
SITHE_IND_GS4 24172	21.37 -1.05 0.00	18.03 -0.88 0.00	23.70 -1.14 0.00	22.40 -1.08 0.00	19.79 -0.95 0.00	18.71 -0.88 0.00	16.25 -0.76 0.00	11.43 -0.58 0.00	12.20 -0.62 0.00	12.78 -0.65 0.00	13.48 -0.65 0.00	9.80 -0.53 0.00	12.65 -0.70 0.00	13.03 -0.93 3.47	-11.95 -1.04 31.21	-58.56 -1.35 84.20	-52.39 -1.35 78.21	10.87 -1.06 8.91	30.88 -1.54 0.00	63.18 -2.99 0.00	173.51 -7.76 0.00	36.87 -1.71 0.00	27.74 -1.28 0.00	19.26 -0.85 0.00

SITHE___BATAVIA 24024	21.43 -0.82 0.17	17.95 -0.68 0.28	23.87 -0.81 0.16	22.52 -0.85 0.10	19.85 -0.75 0.14	18.67 -0.56 0.36	16.54 -0.43 0.04	11.47 -0.51 0.03	12.25 -0.55 0.02	12.86 -0.58 0.00	13.79 -0.34 0.00	9.75 -0.59 0.00	12.52 -0.82 0.00	15.14 -1.23 1.07	9.62 -1.09 9.61	-0.10 -1.18 25.92	1.99 -1.11 24.07	16.78 -1.32 2.74	30.56 -1.76 0.10	62.94 -2.81 0.42	175.52 -5.37 0.38	36.85 -1.38 0.34	28.06 -0.97 0.00	19.59 -0.51 0.00
SITHE___INDEPEND 23800	21.37 -1.05 0.00	18.03 -0.88 0.00	23.70 -1.14 0.00	22.40 -1.08 0.00	19.79 -0.95 0.00	18.71 -0.88 0.00	16.25 -0.76 0.00	11.43 -0.58 0.00	12.20 -0.62 0.00	12.78 -0.65 0.00	13.48 -0.65 0.00	9.80 -0.53 0.00	12.65 -0.70 0.00	13.03 -0.93 3.47	-11.94 -1.04 31.21	-58.55 -1.35 84.20	-52.38 -1.34 78.21	10.87 -1.06 8.91	30.87 -1.54 0.00	63.17 -3.00 0.00	173.48 -7.79 0.00	36.86 -1.71 0.00	27.74 -1.28 0.00	19.26 -0.85 0.00
SITHE___MASSENA 23902	22.67 0.24 0.00	19.10 0.19 0.00	25.21 0.37 0.00	23.68 0.20 0.00	20.91 0.17 0.00	19.79 0.20 0.00	17.26 0.24 0.00	12.19 0.18 0.00	13.01 0.19 0.00	13.62 0.18 0.00	14.17 0.04 0.00	10.48 0.14 0.00	13.53 0.18 0.00	17.36 0.14 0.21	18.51 0.05 1.85	22.07 0.08 5.00	22.64 0.12 4.64	20.32 0.00 0.53	32.46 0.04 0.00	66.17 0.00 0.00	181.13 -0.14 0.00	38.76 0.19 0.00	29.24 0.21 0.00	20.12 0.02 0.00
SITHE___OGDNSBRG 24021	22.86 0.44 0.00	19.26 0.34 0.00	25.43 0.59 0.00	23.88 0.41 0.00	21.08 0.34 0.00	19.95 0.37 0.00	17.41 0.39 0.00	12.26 0.25 0.00	13.04 0.22 0.00	13.60 0.16 0.00	14.09 -0.05 0.00	10.43 0.09 0.00	13.45 0.10 0.00	17.11 0.01 0.33	17.26 -0.11 2.94	18.93 -0.14 7.92	19.84 0.03 7.35	19.89 -0.12 0.84	32.44 0.02 0.00	66.25 0.08 0.00	182.85 1.58 0.00	39.19 0.62 0.00	29.52 0.49 0.00	20.27 0.16 0.00
SITHE___STERLING 23777	22.54 0.11 0.00	18.99 0.08 0.00	24.98 0.14 0.00	23.63 0.16 0.00	20.88 0.14 0.00	19.74 0.15 0.00	17.14 0.13 0.00	12.09 0.07 0.00	12.90 0.07 0.00	13.46 0.03 0.00	14.11 -0.02 0.00	10.25 -0.09 0.00	13.21 -0.14 0.00	16.08 -0.19 1.17	9.60 -0.22 10.49	-1.55 -0.25 28.29	0.76 -0.13 26.28	17.86 0.01 2.99	32.62 0.21 0.00	66.85 0.69 0.00	184.13 2.86 0.00	39.17 0.59 0.00	29.43 0.40 0.00	20.35 0.25 0.00
SLEIGHT__34_KV_TB1 80719	21.47 -0.95 0.00	18.12 -0.79 0.00	23.86 -0.98 0.00	22.48 -1.00 0.00	19.88 -0.86 0.00	18.84 -0.75 0.00	16.39 -0.62 0.00	11.44 -0.57 0.00	12.23 -0.60 0.00	12.81 -0.63 0.00	13.58 -0.55 0.00	9.78 -0.56 0.00	12.61 -0.75 0.00	15.08 -1.03 1.32	7.36 -1.06 11.88	-6.43 -1.36 32.06	-3.94 -1.33 29.78	16.28 -1.17 3.39	30.88 -1.54 0.00	63.49 -2.68 0.00	175.14 -6.12 0.00	37.13 -1.45 0.00	27.91 -1.11 0.00	19.42 -0.69 0.00
SMITHTWN_69_KV_BK 1 55830	13.99 1.42 9.85	15.94 1.06 4.03	24.92 1.29 1.20	24.61 1.24 0.10	21.90 1.17 0.00	20.65 1.07 0.00	17.93 0.93 0.00	12.71 0.70 0.00	13.55 0.73 0.00	14.30 0.86 0.00	9.48 1.03 5.67	6.31 0.81 4.83	10.14 1.06 4.27	16.14 1.52 2.81	22.25 1.87 -0.06	26.14 2.45 3.30	27.09 2.37 2.44	22.12 1.84 0.56	34.81 2.40 0.00	70.68 4.51 0.00	192.48 11.21 0.00	40.94 2.37 0.00	30.68 1.81 0.15	18.12 1.47 3.45
SOUTH CAIRO___GT 23612	23.19 0.76 0.00	19.56 0.65 0.00	25.62 0.78 0.00	24.23 0.76 0.00	21.42 0.68 0.00	20.22 0.63 0.00	17.51 0.50 0.00	12.35 0.33 0.00	13.06 0.24 0.00	13.58 0.14 0.00	14.23 0.10 0.00	10.44 0.10 0.00	13.52 0.17 0.00	17.51 0.25 0.17	19.08 0.31 1.54	23.23 0.40 4.16	23.74 0.44 3.86	21.02 0.62 0.44	33.56 1.15 0.00	68.70 2.53 0.00	187.82 6.55 0.00	39.92 1.35 0.00	29.95 0.93 0.00	20.77 0.67 0.00
SOUTH HAMPTN___IC 23720	13.57 1.69 10.55	15.84 1.24 4.31	25.11 1.56 1.29	24.87 1.51 0.11	22.17 1.43 0.00	20.96 1.38 0.00	18.26 1.26 0.00	12.94 0.93 0.00	13.81 0.99 0.00	14.60 1.16 0.00	9.39 1.34 6.08	6.19 1.03 5.17	10.13 1.35 4.57	16.24 1.90 3.09	22.44 2.33 0.20	26.57 3.04 3.47	27.51 2.99 2.65	22.66 2.39 0.56	35.70 3.28 0.00	72.48 6.31 0.00	197.10 15.83 0.00	41.81 3.24 0.00	31.32 2.46 0.17	18.04 1.92 3.98
SOUTHDOW_115KV_TB1 355954	22.05 -0.37 0.00	18.62 -0.29 0.00	24.65 -0.19 0.00	23.20 -0.27 0.00	20.53 -0.21 0.00	19.51 -0.08 0.00	16.94 -0.07 0.00	11.84 -0.18 0.00	12.73 -0.09 0.00	13.38 -0.06 0.00	14.35 0.22 0.00	10.17 -0.17 0.00	13.07 -0.28 0.00	15.83 -0.50 1.10	10.05 -0.35 9.91	0.00 -0.27 26.73	1.90 -0.44 24.82	17.29 -0.72 2.83	31.55 -0.87 0.00	64.92 -1.25 0.00	179.41 -1.86 0.00	37.72 -0.86 0.00	28.41 -0.61 0.00	19.92 -0.18 0.00
SOUTHOLD_69_KV_BK 2 55809	13.70 1.82 10.54	15.89 1.29 4.31	25.24 1.69 1.29	25.02 1.66 0.11	22.31 1.57 0.00	21.14 1.56 0.00	18.47 1.46 0.00	13.10 1.08 0.00	13.99 1.17 0.00	14.81 1.38 0.00	9.62 1.56 6.07	6.36 1.19 5.17	10.34 1.56 4.57	16.52 2.18 3.09	22.75 2.64 0.20	26.99 3.46 3.47	27.97 3.45 2.64	23.04 2.76 0.56	36.32 3.91 0.00	73.67 7.50 0.00	200.03 18.76 0.00	42.35 3.78 0.00	31.71 2.86 0.17	18.30 2.18 3.98
SOUTHOLD___IC 23719	13.70 1.82 10.54	15.89 1.29 4.31	25.24 1.70 1.29	25.02 1.66 0.11	22.31 1.57 0.00	21.14 1.56 0.00	18.47 1.46 0.00	13.10 1.08 0.00	13.99 1.17 0.00	14.81 1.37 0.00	9.62 1.56 6.07	6.36 1.19 5.17	10.34 1.56 4.57	16.52 2.18 3.09	22.76 2.64 0.20	27.01 3.48 3.47	27.98 3.46 2.64	23.04 2.76 0.56	36.31 3.90 0.00	73.65 7.48 0.00	200.03 18.76 0.00	42.35 3.78 0.00	31.72 2.86 0.17	18.31 2.19 3.98
SOUTH_FORK_WT_PWR 323839	13.61 1.73 10.55	15.79 1.19 4.31	25.16 1.61 1.29	24.97 1.61 0.11	22.25 1.51 0.00	21.14 1.56 0.00	18.51 1.51 0.00	13.13 1.12 0.00	14.03 1.20 0.00	14.87 1.44 0.00	9.69 1.63 6.08	6.41 1.24 5.17	10.40 1.63 4.57	16.61 2.27 3.09	22.86 2.75 0.20	27.14 3.61 3.47	28.12 3.60 2.64	23.15 2.88 0.56	36.50 4.09 0.00	73.98 7.81 0.00	200.67 19.39 0.00	42.45 3.88 0.00	31.80 2.95 0.17	18.38 2.26 3.98
SPIERFLS_115KV_TB 1 80737	23.06 0.64 0.00	19.51 0.60 0.00	25.55 0.71 0.00	24.13 0.66 0.00	21.30 0.56 0.00	20.12 0.53 0.00	17.36 0.35 0.00	12.28 0.27 0.00	13.01 0.18 0.00	13.55 0.12 0.00	14.16 0.03 0.00	10.42 0.09 0.00	13.47 0.12 0.00	17.43 0.15 0.15	19.22 0.26 1.35	23.86 0.50 3.64	24.33 0.55 3.38	21.00 0.54 0.38	33.43 1.01 0.00	68.59 2.42 0.00	187.07 5.80 0.00	39.72 1.15 0.00	29.70 0.68 0.00	20.59 0.49 0.00
ST LAWRENCE____ 23600	22.50 0.08 0.00	18.96 0.05 0.00	24.92 0.08 0.00	23.42 -0.06 0.00	20.68 -0.06 0.00	19.57 -0.01 0.00	17.06 0.05 0.00	12.06 0.04 0.00	12.88 0.05 0.00	13.49 0.06 0.00	14.16 0.03 0.00	10.39 0.06 0.00	13.41 0.06 0.00	17.27 0.00 0.16	18.82 -0.10 1.39	23.15 -0.13 3.71	23.61 -0.11 3.45	20.28 -0.16 0.40	32.17 -0.24 0.00	65.60 -0.57 0.00	179.90 -1.37 0.00	38.34 -0.23 0.00	28.91 -0.11 0.00	19.92 -0.18 0.00

STATE_CA_115KV_115_LB 55624	22.51 0.08 0.00	19.01 0.10 0.00	24.90 0.06 0.00	23.55 0.07 0.00	20.81 0.07 0.00	19.63 0.04 0.00	17.00 -0.01 0.00	12.04 0.02 0.00	12.81 -0.01 0.00	13.37 -0.07 0.00	14.05 -0.08 0.00	10.32 -0.02 0.00	13.37 0.02 0.00	17.33 0.05 0.15	19.01 0.08 1.39	23.33 0.07 3.74	23.77 0.07 3.47	20.57 0.12 0.40	32.55 0.13 0.00	66.40 0.22 0.00	181.24 -0.03 0.00	38.57 -0.01 0.00	29.02 -0.01 0.00	20.18 0.08 0.00
STATE_ST_34_KV_LOAD 55959	21.91 -0.51 0.00	18.49 -0.42 0.00	24.34 -0.50 0.00	22.91 -0.57 0.00	20.30 -0.44 0.00	19.15 -0.44 0.00	16.67 -0.34 0.00	11.66 -0.36 0.00	12.45 -0.38 0.00	13.03 -0.41 0.00	13.75 -0.39 0.00	9.96 -0.38 0.00	12.85 -0.50 0.00	14.76 -0.66 2.01	1.45 -0.76 18.09	-22.81 -0.99 48.81	-19.09 -0.93 45.34	14.92 -0.76 5.17	31.55 -0.87 0.00	64.85 -1.32 0.00	178.51 -2.76 0.00	37.93 -0.65 0.00	28.42 -0.60 0.00	19.80 -0.31 0.00
STATION_5_MISC_HYD 23604	21.38 -0.94 0.11	17.96 -0.77 0.18	23.78 -0.96 0.10	22.44 -0.97 0.07	19.79 -0.86 0.09	18.65 -0.69 0.23	16.40 -0.58 0.02	11.45 -0.55 0.02	12.27 -0.54 0.02	12.90 -0.54 0.00	13.74 -0.39 0.00	9.84 -0.50 0.00	12.68 -0.67 0.00	15.40 -0.98 1.06	9.83 -0.98 9.50	0.20 -1.16 25.63	2.23 -1.13 23.81	17.01 -1.12 2.71	30.87 -1.48 0.07	63.19 -2.70 0.28	174.72 -6.30 0.25	36.82 -1.53 0.23	27.91 -1.12 0.00	19.45 -0.65 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.55 -0.87 0.00	18.19 -0.72 0.00	23.94 -0.89 0.00	22.58 -0.89 0.00	19.95 -0.79 0.00	18.93 -0.65 0.00	16.46 -0.56 0.00	11.50 -0.51 0.00	12.30 -0.53 0.00	12.89 -0.55 0.00	13.68 -0.45 0.00	9.83 -0.50 0.00	12.68 -0.67 0.00	15.19 -0.94 1.30	7.67 -0.98 11.66	-5.66 -1.19 31.46	-3.23 -1.17 29.22	16.46 -1.05 3.33	31.05 -1.37 0.00	63.72 -2.45 0.00	175.42 -5.84 0.00	37.22 -1.36 0.00	28.02 -1.01 0.00	19.49 -0.61 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.38 -1.04 0.00	18.06 -0.86 0.00	23.76 -1.08 0.00	22.40 -1.08 0.00	19.79 -0.95 0.00	18.80 -0.79 0.00	16.35 -0.66 0.00	11.42 -0.59 0.00	12.23 -0.60 0.00	12.84 -0.59 0.00	13.66 -0.46 0.00	9.79 -0.54 0.00	12.63 -0.72 0.00	15.31 -1.04 1.08	9.58 -1.05 9.68	-0.38 -1.26 26.12	1.67 -1.24 24.26	16.89 -1.19 2.76	30.82 -1.60 0.00	63.23 -2.94 0.00	174.21 -7.06 0.00	36.89 -1.68 0.00	27.79 -1.24 0.00	19.35 -0.75 0.00
STA_56___34_KV_BUS2 355983	21.38 -1.04 0.00	18.06 -0.86 0.00	23.76 -1.08 0.00	22.40 -1.08 0.00	19.79 -0.95 0.00	18.80 -0.79 0.00	16.35 -0.66 0.00	11.42 -0.59 0.00	12.23 -0.60 0.00	12.84 -0.59 0.00	13.66 -0.46 0.00	9.79 -0.54 0.00	12.63 -0.72 0.00	15.31 -1.04 1.08	9.58 -1.05 9.68	-0.38 -1.26 26.12	1.67 -1.24 24.26	16.89 -1.19 2.76	30.82 -1.60 0.00	63.23 -2.94 0.00	174.21 -7.06 0.00	36.89 -1.68 0.00	27.79 -1.24 0.00	19.35 -0.75 0.00
STA_67___115KV_BK2 355882	21.44 -0.98 0.00	18.11 -0.80 0.00	23.84 -1.00 0.00	22.46 -1.01 0.00	19.85 -0.89 0.00	18.86 -0.73 0.00	16.40 -0.61 0.00	11.45 -0.56 0.00	12.27 -0.56 0.00	12.88 -0.55 0.00	13.72 -0.41 0.00	9.82 -0.51 0.00	12.66 -0.69 0.00	15.37 -1.00 1.05	9.83 -1.00 9.48	0.25 -1.18 25.57	2.26 -1.16 23.75	16.98 -1.15 2.71	30.87 -1.55 0.00	63.32 -2.85 0.00	174.57 -6.70 0.00	36.96 -1.61 0.00	27.85 -1.17 0.00	19.41 -0.69 0.00
STA_7___115KV_9TRANS 80674	21.57 -0.85 0.00	18.22 -0.69 0.00	23.97 -0.87 0.00	22.59 -0.89 0.00	19.96 -0.79 0.00	18.96 -0.63 0.00	16.48 -0.53 0.00	11.51 -0.51 0.00	12.32 -0.50 0.00	12.94 -0.49 0.00	13.79 -0.34 0.00	9.87 -0.47 0.00	12.73 -0.62 0.00	15.46 -0.92 1.06	9.92 -0.89 9.50	0.33 -1.03 25.63	2.35 -1.01 23.81	17.10 -1.03 2.71	31.09 -1.33 0.00	63.80 -2.37 0.00	175.85 -5.42 0.00	37.23 -1.34 0.00	28.05 -0.98 0.00	19.53 -0.57 0.00
STA_82___115KV_TB1 80780	21.45 -0.98 0.00	18.11 -0.80 0.00	23.84 -1.00 0.00	22.47 -1.01 0.00	19.85 -0.89 0.00	18.86 -0.72 0.00	16.40 -0.61 0.00	11.45 -0.56 0.00	12.27 -0.56 0.00	12.88 -0.56 0.00	13.72 -0.41 0.00	9.82 -0.51 0.00	12.66 -0.69 0.00	15.35 -1.01 1.07	9.70 -1.00 9.62	-0.13 -1.18 25.94	1.91 -1.16 24.09	16.94 -1.15 2.75	30.87 -1.55 0.00	63.32 -2.85 0.00	174.59 -6.68 0.00	36.97 -1.60 0.00	27.86 -1.16 0.00	19.42 -0.68 0.00
STEEL___WIND 323596	21.10 -1.06 0.26	17.63 -0.86 0.43	23.57 -1.03 0.25	22.24 -1.08 0.16	19.58 -0.95 0.21	18.30 -0.73 0.56	16.35 -0.61 0.06	11.38 -0.59 0.05	12.24 -0.54 0.04	12.91 -0.52 0.00	13.89 -0.24 0.00	9.82 -0.52 0.00	12.62 -0.73 0.00	15.24 -1.12 1.08	9.59 -1.03 9.69	-0.27 -1.11 26.16	1.71 -1.17 24.29	16.74 -1.33 2.77	30.42 -1.84 0.16	62.18 -3.33 0.66	172.96 -7.72 0.59	36.06 -1.98 0.54	27.66 -1.37 0.00	19.39 -0.71 0.00
STEPHTWN_115KV_BK_2 55603	22.64 0.22 0.00	19.11 0.19 0.00	25.02 0.18 0.00	23.66 0.19 0.00	20.92 0.18 0.00	19.74 0.15 0.00	17.09 0.08 0.00	12.09 0.08 0.00	12.87 0.05 0.00	13.44 0.00 0.00	14.14 0.02 0.00	10.38 0.04 0.00	13.45 0.09 0.00	17.43 0.16 0.16	19.10 0.19 1.40	23.46 0.24 3.77	23.88 0.22 3.51	20.71 0.27 0.40	32.89 0.47 0.00	66.96 0.79 0.00	182.71 1.44 0.00	38.90 0.33 0.00	29.17 0.15 0.00	20.28 0.18 0.00
STEBEN_REC_LFGE 323667	21.64 -0.79 0.00	18.29 -0.62 0.00	24.16 -0.68 0.00	22.78 -0.70 0.00	20.11 -0.63 0.00	19.21 -0.38 0.00	16.59 -0.42 0.00	11.49 -0.53 0.00	12.32 -0.51 0.00	12.91 -0.52 0.00	13.80 -0.33 0.00	9.86 -0.48 0.00	12.68 -0.67 0.00	15.19 -0.97 1.27	7.93 -0.92 11.45	-4.98 -1.08 30.90	-2.61 -1.08 28.69	16.53 -1.05 3.27	31.22 -1.20 0.00	64.65 -1.52 0.00	178.51 -2.75 0.00	37.74 -0.84 0.00	28.41 -0.61 0.00	19.83 -0.27 0.00
STILLWATER___SOLAR 323814	22.99 0.57 0.00	19.43 0.51 0.00	25.45 0.61 0.00	24.05 0.57 0.00	21.23 0.49 0.00	20.04 0.46 0.00	17.35 0.33 0.00	12.26 0.25 0.00	13.00 0.17 0.00	13.54 0.11 0.00	14.17 0.04 0.00	10.41 0.08 0.00	13.48 0.13 0.00	17.46 0.18 0.15	19.24 0.27 1.35	23.81 0.45 3.63	24.29 0.50 3.37	20.91 0.45 0.38	33.28 0.87 0.00	68.15 1.98 0.00	186.12 4.85 0.00	39.58 1.00 0.00	29.66 0.63 0.00	20.57 0.47 0.00
STONY___BROOK 24151	13.79 1.42 10.05	15.86 1.06 4.11	24.89 1.28 1.23	24.60 1.23 0.10	21.90 1.17 0.00	20.65 1.07 0.00	17.94 0.93 0.00	12.71 0.70 0.00	13.55 0.73 0.00	14.30 0.86 0.00	9.36 1.03 5.79	6.21 0.80 4.93	10.05 1.06 4.36	16.05 1.52 2.90	22.18 1.88 0.01	26.09 2.45 3.35	27.03 2.37 2.51	22.11 1.83 0.56	34.81 2.39 0.00	70.68 4.51 0.00	192.58 11.31 0.00	40.96 2.39 0.00	30.70 1.84 0.15	17.99 1.49 3.60
STURGEON_POOL_HYD 23609	23.21 0.78 0.00	19.51 0.60 0.00	25.54 0.71 0.00	24.26 0.79 0.00	21.46 0.72 0.00	20.21 0.62 0.00	17.57 0.56 0.00	12.46 0.44 0.00	13.33 0.51 0.00	14.06 0.62 0.00	14.82 0.69 0.00	10.90 0.56 0.00	14.07 0.72 0.00	18.24 1.03 0.21	19.62 1.24 1.93	23.39 1.61 5.21	23.84 1.51 4.84	21.51 1.22 0.55	34.10 1.69 0.00	69.28 3.12 0.00	189.48 8.21 0.00	40.31 1.74 0.00	30.27 1.24 0.00	20.97 0.87 0.00

ST_LAW_115_BK7_LBMP 345037	22.50 0.08 0.00	18.96 0.05 0.00	24.93 0.09 0.00	23.42 -0.06 0.00	20.68 -0.06 0.00	19.57 -0.01 0.00	17.07 0.05 0.00	12.06 0.05 0.00	12.88 0.06 0.00	13.49 0.06 0.00	14.15 0.02 0.00	10.39 0.06 0.00	13.41 0.06 0.00	17.26 -0.01 0.16	18.71 -0.11 1.49	22.85 -0.14 4.01	23.32 -0.12 3.73	20.24 -0.18 0.42	32.15 -0.26 0.00	65.54 -0.63 0.00	179.76 -1.51 0.00	38.32 -0.25 0.00	28.91 -0.12 0.00	19.91 -0.19 0.00
ST_LAW_115_BK8_LBMP 345038	22.50 0.08 0.00	18.96 0.05 0.00	24.93 0.09 0.00	23.42 -0.06 0.00	20.68 -0.06 0.00	19.57 -0.01 0.00	17.07 0.05 0.00	12.06 0.05 0.00	12.88 0.06 0.00	13.49 0.06 0.00	14.15 0.02 0.00	10.39 0.06 0.00	13.41 0.06 0.00	17.26 -0.01 0.16	18.71 -0.11 1.49	22.85 -0.14 4.01	23.32 -0.12 3.73	20.24 -0.18 0.42	32.15 -0.26 0.00	65.54 -0.63 0.00	179.76 -1.51 0.00	38.32 -0.25 0.00	28.91 -0.12 0.00	19.91 -0.19 0.00
ST_LAW_230_BK5_LBMP 345035	22.50 0.08 0.00	18.96 0.05 0.00	24.92 0.08 0.00	23.42 -0.06 0.00	20.68 -0.06 0.00	19.57 -0.01 0.00	17.06 0.05 0.00	12.06 0.04 0.00	12.88 0.05 0.00	13.49 0.06 0.00	14.16 0.03 0.00	10.39 0.06 0.00	13.41 0.06 0.00	17.28 0.00 0.14	18.95 -0.10 1.27	23.45 -0.13 3.42	23.88 -0.11 3.17	20.32 -0.16 0.36	32.17 -0.24 0.00	65.60 -0.57 0.00	179.90 -1.37 0.00	38.34 -0.23 0.00	28.91 -0.11 0.00	19.92 -0.18 0.00
ST_LAW_230_BK6_LBMP 345036	22.50 0.08 0.00	18.96 0.05 0.00	24.92 0.08 0.00	23.42 -0.06 0.00	20.68 -0.06 0.00	19.57 -0.01 0.00	17.06 0.05 0.00	12.06 0.04 0.00	12.88 0.05 0.00	13.49 0.06 0.00	14.16 0.03 0.00	10.39 0.06 0.00	13.41 0.06 0.00	17.28 0.00 0.14	18.95 -0.10 1.27	23.45 -0.13 3.42	23.88 -0.11 3.17	20.32 -0.16 0.36	32.17 -0.24 0.00	65.60 -0.57 0.00	179.90 -1.37 0.00	38.34 -0.23 0.00	28.91 -0.11 0.00	19.92 -0.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.97 0.54 0.00	19.32 0.41 0.00	25.31 0.48 0.00	24.04 0.56 0.00	21.25 0.51 0.00	20.01 0.42 0.00	17.39 0.38 0.00	12.33 0.31 0.00	13.18 0.36 0.00	13.89 0.46 0.00	14.64 0.51 0.00	10.76 0.42 0.00	13.88 0.53 0.00	17.96 0.77 0.23	19.15 0.94 2.10	22.56 1.24 5.67	23.08 1.18 5.27	21.18 0.94 0.60	33.65 1.24 0.00	68.41 2.24 0.00	187.26 5.99 0.00	39.83 1.26 0.00	29.90 0.87 0.00	20.73 0.63 0.00
SWANROAD_115KV_TB1 355699	20.73 -1.69 0.00	17.52 -1.39 0.00	23.12 -1.72 0.00	21.74 -1.73 0.00	19.21 -1.53 0.00	18.29 -1.30 0.00	15.98 -1.03 0.00	11.12 -0.90 0.00	11.94 -0.88 0.00	12.57 -0.87 0.00	13.55 -0.58 0.00	9.51 -0.82 0.00	12.21 -1.14 0.00	14.73 -1.64 1.06	9.36 -1.41 9.55	-0.35 -1.59 25.75	1.61 -1.64 23.92	16.16 -1.96 2.73	29.48 -2.94 0.00	60.54 -5.63 0.00	167.33 -13.94 0.00	35.33 -3.24 0.00	26.80 -2.23 0.00	18.82 -1.28 0.00
SYNERGY___BIOGAS 323694	21.59 -0.83 0.00	18.23 -0.68 0.00	24.03 -0.81 0.00	22.62 -0.86 0.00	19.99 -0.75 0.00	19.03 -0.56 0.00	16.58 -0.43 0.00	11.51 -0.51 0.00	12.28 -0.55 0.00	12.86 -0.58 0.00	13.79 -0.33 0.00	9.75 -0.59 0.00	12.52 -0.82 0.00	15.15 -1.22 1.07	9.64 -1.06 9.61	-0.07 -1.15 25.92	2.01 -1.09 24.07	16.78 -1.32 2.74	30.65 -1.77 0.00	63.35 -2.82 0.00	175.85 -5.42 0.00	37.18 -1.39 0.00	28.06 -0.96 0.00	19.59 -0.51 0.00
SYRACUSE___ENERGY_ST1 323597	21.80 -0.62 0.00	18.39 -0.52 0.00	24.18 -0.66 0.00	22.84 -0.63 0.00	20.19 -0.55 0.00	19.08 -0.51 0.00	16.57 -0.44 0.00	11.64 -0.38 0.00	12.42 -0.41 0.00	13.00 -0.43 0.00	13.71 -0.42 0.00	9.96 -0.38 0.00	12.86 -0.49 0.00	14.50 -0.65 2.28	-0.93 -0.71 20.52	-29.29 -0.93 55.36	-25.16 -0.90 51.42	14.30 -0.68 5.86	31.51 -0.91 0.00	64.56 -1.61 0.00	177.45 -3.82 0.00	37.69 -0.88 0.00	28.33 -0.70 0.00	19.68 -0.43 0.00
SYRACUSE___ENERGY_ST2 323598	21.80 -0.62 0.00	18.39 -0.52 0.00	24.18 -0.66 0.00	22.84 -0.63 0.00	20.19 -0.55 0.00	19.08 -0.51 0.00	16.57 -0.44 0.00	11.64 -0.38 0.00	12.42 -0.41 0.00	13.00 -0.43 0.00	13.71 -0.42 0.00	9.96 -0.38 0.00	12.86 -0.49 0.00	14.50 -0.65 2.28	-0.93 -0.71 20.52	-29.29 -0.93 55.36	-25.16 -0.90 51.42	14.30 -0.68 5.86	31.51 -0.91 0.00	64.56 -1.61 0.00	177.45 -3.82 0.00	37.69 -0.88 0.00	28.33 -0.70 0.00	19.68 -0.43 0.00
SYRACUSE___POWER 24017	21.89 -0.53 0.00	18.46 -0.45 0.00	24.29 -0.55 0.00	22.95 -0.52 0.00	20.28 -0.46 0.00	19.18 -0.41 0.00	16.64 -0.37 0.00	11.70 -0.32 0.00	12.48 -0.34 0.00	13.07 -0.37 0.00	13.78 -0.35 0.00	10.01 -0.33 0.00	12.91 -0.44 0.00	14.71 -0.57 2.16	0.28 -0.62 19.41	-26.16 -0.79 52.36	-22.26 -0.79 48.63	14.72 -0.58 5.54	31.62 -0.79 0.00	64.77 -1.40 0.00	178.05 -3.22 0.00	37.81 -0.76 0.00	28.44 -0.58 0.00	19.77 -0.33 0.00
TALLMAN__138KV_BK151 55660	23.07 0.65 0.00	19.40 0.49 0.00	25.40 0.56 0.00	24.13 0.66 0.00	21.34 0.60 0.00	20.09 0.50 0.00	17.47 0.45 0.00	12.39 0.37 0.00	13.26 0.44 0.00	14.00 0.56 0.00	14.76 0.63 0.00	10.85 0.51 0.00	14.00 0.65 0.00	18.13 0.92 0.23	19.40 1.14 2.05	22.94 1.49 5.54	23.43 1.41 5.14	21.37 1.12 0.58	33.87 1.46 0.00	68.78 2.61 0.00	188.32 7.05 0.00	40.06 1.49 0.00	30.06 1.03 0.00	20.83 0.73 0.00
TEALLAVE_115KV_TB7 355573	21.80 -0.62 0.00	18.39 -0.52 0.00	24.19 -0.65 0.00	22.86 -0.61 0.00	20.20 -0.54 0.00	19.10 -0.49 0.00	16.57 -0.44 0.00	11.66 -0.36 0.00	12.44 -0.38 0.00	13.02 -0.41 0.00	13.74 -0.39 0.00	9.98 -0.36 0.00	12.87 -0.48 0.00	14.66 -0.62 2.14	0.35 -0.68 19.29	-25.90 -0.87 52.03	-22.02 -0.87 48.32	14.68 -0.65 5.51	31.49 -0.93 0.00	64.45 -1.72 0.00	177.15 -4.12 0.00	37.62 -0.95 0.00	28.31 -0.71 0.00	19.69 -0.41 0.00
TELGRAPH_34_KV_EAST 80808	21.19 -1.24 0.00	17.91 -1.01 0.00	23.60 -1.23 0.00	22.21 -1.26 0.00	19.62 -1.12 0.00	18.69 -0.90 0.00	16.30 -0.72 0.00	11.33 -0.69 0.00	12.15 -0.68 0.00	12.76 -0.68 0.00	13.72 -0.41 0.00	9.67 -0.67 0.00	12.42 -0.93 0.00	15.00 -1.37 1.06	9.55 -1.18 9.59	-0.17 -1.30 25.86	1.83 -1.32 24.02	16.53 -1.57 2.74	30.17 -2.25 0.00	62.09 -4.08 0.00	171.89 -9.38 0.00	36.32 -2.25 0.00	27.47 -1.56 0.00	19.24 -0.86 0.00
TEMPLE___115KV_TB 2 55572	21.81 -0.62 0.00	18.39 -0.52 0.00	24.19 -0.65 0.00	22.87 -0.60 0.00	20.20 -0.54 0.00	19.11 -0.48 0.00	16.58 -0.43 0.00	11.66 -0.36 0.00	12.44 -0.38 0.00	13.03 -0.41 0.00	13.74 -0.39 0.00	9.98 -0.36 0.00	12.88 -0.47 0.00	14.66 -0.61 2.16	0.22 -0.67 19.42	-26.25 -0.86 52.39	-22.34 -0.85 48.66	14.65 -0.65 5.55	31.50 -0.91 0.00	64.49 -1.68 0.00	177.21 -4.06 0.00	37.64 -0.94 0.00	28.32 -0.71 0.00	19.69 -0.41 0.00
TIANA____69_KV_BK 1 55817	13.53 1.65 10.54	15.82 1.22 4.31	25.06 1.52 1.29	24.82 1.46 0.11	22.13 1.39 0.00	20.90 1.31 0.00	18.19 1.18 0.00	12.89 0.88 0.00	13.75 0.93 0.00	14.53 1.09 0.00	9.31 1.26 6.07	6.14 0.98 5.17	10.06 1.28 4.57	16.15 1.81 3.09	22.32 2.21 0.20	26.41 2.88 3.47	27.35 2.83 2.64	22.55 2.27 0.56	35.51 3.10 0.00	72.11 5.94 0.00	196.23 14.96 0.00	41.65 3.08 0.00	31.19 2.34 0.17	17.95 1.83 3.98

TILDEN___115KV_TB1 80814	21.89 -0.53 0.00	18.46 -0.45 0.00	24.29 -0.55 0.00	22.95 -0.52 0.00	20.28 -0.46 0.00	19.18 -0.41 0.00	16.64 -0.37 0.00	11.70 -0.32 0.00	12.48 -0.34 0.00	13.07 -0.37 0.00	13.78 -0.35 0.00	10.01 -0.33 0.00	12.91 -0.44 0.00	14.71 -0.57 2.16	0.28 -0.62 19.41	-26.16 -0.79 52.36	-22.26 -0.79 48.63	14.72 -0.58 5.54	31.62 -0.79 0.00	64.77 -1.40 0.00	178.05 -3.22 0.00	37.81 -0.76 0.00	28.44 -0.58 0.00	19.77 -0.33 0.00
TRIGEN___CC 323695	72.01 1.03 -48.56	39.56 0.80 -19.85	31.77 0.97 -5.95	24.97 0.98 -0.52	21.66 0.90 -0.02	20.42 0.81 -0.02	17.73 0.70 -0.02	12.56 0.53 -0.02	13.42 0.58 -0.01	14.18 0.73 -0.01	42.99 0.89 -27.97	34.86 0.71 -23.82	35.32 0.92 -21.06	39.19 1.30 -20.46	44.02 1.56 -22.15	39.51 2.00 -10.52	43.64 1.86 -14.61	21.68 1.41 0.56	34.23 1.81 0.00	69.41 3.24 0.00	189.16 7.89 0.00	40.32 1.75 0.00	31.91 1.37 -1.52	63.47 1.13 -42.23
TRINITY___115KV___4 BK 55933	22.43 0.01 0.00	18.95 0.04 0.00	24.81 -0.02 0.00	23.48 0.00 0.00	20.74 0.00 0.00	19.57 -0.02 0.00	16.95 -0.06 0.00	12.00 -0.01 0.00	12.77 -0.05 0.00	13.33 -0.11 0.00	14.00 -0.13 0.00	10.29 -0.05 0.00	13.33 -0.02 0.00	17.28 0.00 0.16	18.93 0.02 1.40	23.20 -0.03 3.76	23.62 -0.05 3.50	20.48 0.03 0.40	32.40 -0.01 0.00	66.11 -0.06 0.00	180.42 -0.85 0.00	38.40 -0.17 0.00	28.89 -0.13 0.00	20.11 0.01 0.00
UNION___PROCESSING_DRP 323587	21.45 -0.97 0.00	18.12 -0.80 0.00	23.85 -0.99 0.00	22.47 -1.00 0.00	19.85 -0.89 0.00	18.86 -0.72 0.00	16.40 -0.61 0.00	11.46 -0.56 0.00	12.27 -0.56 0.00	12.88 -0.55 0.00	13.72 -0.41 0.00	9.82 -0.51 0.00	12.66 -0.69 0.00	15.35 -1.01 1.07	9.64 -1.00 9.67	-0.26 -1.18 26.08	1.78 -1.16 24.22	16.93 -1.15 2.76	30.87 -1.55 0.00	63.35 -2.82 0.00	174.64 -6.63 0.00	36.98 -1.59 0.00	27.87 -1.15 0.00	19.42 -0.68 0.00
UPPER HUDSON___HYD 24058	23.06 0.64 0.00	19.51 0.60 0.00	25.55 0.71 0.00	24.13 0.66 0.00	21.30 0.56 0.00	20.12 0.53 0.00	17.36 0.35 0.00	12.28 0.27 0.00	13.01 0.18 0.00	13.55 0.12 0.00	14.16 0.03 0.00	10.42 0.09 0.00	13.47 0.12 0.00	17.43 0.15 0.15	19.22 0.26 1.35	23.86 0.50 3.64	24.34 0.55 3.38	21.00 0.54 0.38	33.43 1.01 0.00	68.59 2.42 0.00	187.07 5.80 0.00	39.72 1.15 0.00	29.70 0.68 0.00	20.59 0.49 0.00
UPPER RAQUET___HYD 24056	22.22 -0.21 0.00	18.72 -0.19 0.00	24.76 -0.08 0.00	23.27 -0.21 0.00	20.54 -0.21 0.00	19.42 -0.17 0.00	16.95 -0.06 0.00	11.97 -0.05 0.00	12.76 -0.07 0.00	13.32 -0.12 0.00	13.85 -0.28 0.00	10.23 -0.11 0.00	13.18 -0.17 0.00	16.70 -0.33 0.40	16.17 -0.52 3.62	16.54 -0.69 9.77	17.50 -0.59 9.08	19.26 -0.54 1.03	31.72 -0.70 0.00	64.89 -1.28 0.00	178.12 -3.15 0.00	38.20 -0.37 0.00	28.78 -0.25 0.00	19.73 -0.37 0.00
VALLEY44_115KV_TB2 355964	21.80 -0.62 0.00	18.46 -0.45 0.00	24.41 -0.43 0.00	23.02 -0.45 0.00	20.35 -0.39 0.00	19.33 -0.26 0.00	16.75 -0.26 0.00	11.71 -0.31 0.00	12.57 -0.25 0.00	13.20 -0.23 0.00	14.11 -0.02 0.00	10.01 -0.33 0.00	12.86 -0.49 0.00	15.60 -0.72 1.11	9.72 -0.59 9.99	-0.54 -0.58 26.95	1.31 -0.82 25.03	16.98 -1.02 2.85	31.03 -1.39 0.00	63.84 -2.33 0.00	176.46 -4.81 0.00	37.15 -1.42 0.00	27.99 -1.04 0.00	19.64 -0.46 0.00
VALLEY___115KV_TB 1-4 80826	22.17 -0.26 0.00	18.70 -0.21 0.00	24.56 -0.27 0.00	23.26 -0.21 0.00	20.56 -0.18 0.00	19.38 -0.21 0.00	16.79 -0.22 0.00	11.86 -0.16 0.00	12.62 -0.20 0.00	13.16 -0.28 0.00	13.72 -0.41 0.00	10.03 -0.31 0.00	12.96 -0.39 0.00	16.76 -0.46 0.22	17.86 -0.51 1.94	21.29 -0.48 5.23	21.93 -0.38 4.85	20.12 -0.16 0.55	32.19 -0.23 0.00	66.04 -0.13 0.00	180.65 -0.62 0.00	38.38 -0.20 0.00	28.86 -0.17 0.00	20.01 -0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.04 0.61 0.00	19.41 0.50 0.00	25.52 0.68 0.00	24.14 0.67 0.00	21.35 0.61 0.00	20.17 0.58 0.00	17.52 0.51 0.00	12.37 0.35 0.00	13.24 0.41 0.00	13.89 0.45 0.00	14.58 0.45 0.00	10.60 0.26 0.00	13.65 0.30 0.00	17.16 0.41 0.68	14.64 0.48 6.15	11.04 0.64 16.60	12.49 0.75 15.42	19.72 0.63 1.76	33.44 1.03 0.00	68.26 2.08 0.00	186.87 5.60 0.00	39.69 1.12 0.00	29.82 0.80 0.00	20.67 0.57 0.00
VISCHER___FERRY HYD 24020	22.70 0.28 0.00	19.19 0.28 0.00	25.13 0.29 0.00	23.75 0.27 0.00	20.97 0.23 0.00	19.79 0.20 0.00	17.14 0.13 0.00	12.14 0.12 0.00	12.90 0.07 0.00	13.45 0.01 0.00	14.08 -0.05 0.00	10.36 0.01 0.00	13.42 0.07 0.00	17.37 0.09 0.15	19.11 0.15 1.35	23.50 0.15 3.65	23.92 0.14 3.39	20.66 0.20 0.39	32.82 0.40 0.00	67.08 0.91 0.00	182.94 1.67 0.00	38.94 0.37 0.00	29.24 0.22 0.00	20.33 0.23 0.00
V_A_10_SYNC_DSASP 323832	20.89 -1.35 0.19	17.51 -1.09 0.31	23.31 -1.35 0.18	22.00 -1.36 0.12	19.38 -1.21 0.15	18.19 -0.99 0.41	16.15 -0.82 0.04	11.26 -0.72 0.04	12.11 -0.69 0.03	12.77 -0.67 0.00	13.69 -0.45 0.00	9.72 -0.62 0.00	12.50 -0.85 0.00	15.14 -1.28 1.01	9.93 -1.27 9.11	0.93 -1.48 24.58	2.84 -1.49 22.83	16.70 -1.54 2.60	30.09 -2.21 0.11	61.44 -4.26 0.48	170.40 -10.44 0.43	35.72 -2.47 0.39	27.28 -1.74 0.00	19.11 -0.99 0.00
V_CMM_10_SYNC_DSASP 323787	22.62 0.19 0.00	19.06 0.15 0.00	25.05 0.22 0.00	23.53 0.06 0.00	20.78 0.04 0.00	19.67 0.09 0.00	17.15 0.14 0.00	12.12 0.10 0.00	12.95 0.12 0.00	13.55 0.12 0.00	14.25 0.12 0.00	10.45 0.11 0.00	13.48 0.13 0.00	17.34 0.07 0.16	18.82 -0.01 1.49	22.98 -0.01 4.01	23.46 0.02 3.73	20.35 -0.07 0.42	32.32 -0.10 0.00	65.85 -0.31 0.00	180.46 -0.81 0.00	38.36 -0.21 0.00	29.03 0.00 0.00	20.01 -0.09 0.00
V_CMP_10_SYNC_DSASP 323788	22.81 0.39 0.00	19.27 0.36 0.00	25.27 0.44 0.00	23.76 0.28 0.00	21.00 0.27 0.00	19.86 0.27 0.00	17.32 0.30 0.00	12.28 0.27 0.00	13.10 0.28 0.00	13.72 0.28 0.00	14.46 0.33 0.00	10.62 0.28 0.00	13.68 0.34 0.00	17.61 0.34 0.16	19.18 0.32 1.45	23.42 0.35 3.92	23.82 0.29 3.64	20.59 0.16 0.41	32.65 0.24 0.00	66.70 0.53 0.00	183.24 1.98 0.00	39.13 0.56 0.00	29.44 0.42 0.00	20.21 0.11 0.00
V_D_10_SYNC_DSASP 323841	22.67 0.25 0.00	19.10 0.19 0.00	25.21 0.37 0.00	23.68 0.20 0.00	20.91 0.17 0.00	19.78 0.20 0.00	17.25 0.24 0.00	12.19 0.17 0.00	13.01 0.19 0.00	13.62 0.18 0.00	14.17 0.04 0.00	10.48 0.14 0.00	13.53 0.18 0.00	17.36 0.14 0.20	18.54 0.05 1.83	22.14 0.08 4.93	22.70 0.12 4.58	20.32 0.00 0.52	32.46 0.04 0.00	66.17 0.00 0.00	181.15 -0.12 0.00	38.76 0.19 0.00	29.23 0.20 0.00	20.12 0.02 0.00
V_E_10_SYNC_DSASP 323830	23.29 0.78 -0.08	19.67 0.62 -0.13	25.67 0.76 -0.07	24.27 0.75 -0.05	21.72 0.92 -0.06	20.74 0.98 -0.17	17.87 0.84 -0.02	12.55 0.52 -0.02	13.43 0.60 -0.01	14.01 0.58 0.00	14.57 0.44 0.00	10.41 0.08 0.00	13.41 0.06 0.00	16.28 0.09 1.24	9.22 0.06 11.14	-2.77 0.30 30.06	-0.33 0.43 27.92	17.97 0.31 3.18	33.73 1.26 -0.05	69.86 3.49 -0.20	192.23 10.78 -0.18	40.89 2.16 -0.16	30.55 1.52 0.00	21.13 1.03 0.00



V_F_30_NSYNC___DSASP 323816	23.02 0.59 0.00	19.45 0.54 0.00	25.49 0.65 0.00	24.08 0.61 0.00	21.26 0.52 0.00	20.08 0.49 0.00	17.37 0.36 0.00	12.28 0.26 0.00	13.03 0.20 0.00	13.58 0.15 0.00	14.21 0.08 0.00	10.44 0.10 0.00	13.52 0.17 0.00	17.51 0.23 0.15	19.29 0.32 1.35	23.88 0.52 3.64	24.36 0.57 3.38	20.96 0.50 0.38	33.35 0.94 0.00	68.27 2.10 0.00	186.41 5.14 0.00	39.65 1.08 0.00	29.70 0.67 0.00	20.61 0.51 0.00
V_F_30_SYNC_DSASP 323786	22.51 0.08 0.00	19.01 0.10 0.00	24.90 0.06 0.00	23.55 0.07 0.00	20.81 0.07 0.00	19.63 0.04 0.00	17.00 -0.01 0.00	12.04 0.02 0.00	12.81 -0.01 0.00	13.37 -0.07 0.00	14.05 -0.08 0.00	10.32 -0.02 0.00	13.37 0.02 0.00	17.33 0.05 0.15	19.01 0.08 1.39	23.32 0.07 3.74	23.76 0.07 3.48	20.57 0.12 0.40	32.55 0.13 0.00	66.39 0.22 0.00	181.24 -0.03 0.00	38.57 -0.01 0.00	29.02 -0.01 0.00	20.17 0.07 0.00
V_XM_10_SYNC_DSASP 323789	22.81 0.39 0.00	19.27 0.36 0.00	25.27 0.44 0.00	23.76 0.28 0.00	21.00 0.27 0.00	19.86 0.27 0.00	17.32 0.30 0.00	12.28 0.27 0.00	13.10 0.28 0.00	13.72 0.28 0.00	14.46 0.33 0.00	10.62 0.28 0.00	13.68 0.34 0.00	17.61 0.34 0.16	19.18 0.32 1.45	23.42 0.35 3.92	23.82 0.29 3.64	20.59 0.16 0.41	32.65 0.24 0.00	66.70 0.53 0.00	183.24 1.98 0.00	39.13 0.56 0.00	29.44 0.42 0.00	20.21 0.11 0.00
W.BABYLN_69_KV_BK1 56697	26.78 1.47 -2.90	21.22 1.13 -1.18	26.57 1.38 -0.35	24.83 1.32 -0.03	21.97 1.23 0.00	20.71 1.12 0.00	17.98 0.96 0.00	12.73 0.71 0.00	13.58 0.76 0.00	14.33 0.89 -1.67	16.85 1.06 -1.42	12.58 0.82 -1.25	15.69 1.09 -1.25	21.21 1.56 -2.22	26.90 1.91 -4.68	29.05 2.50 0.44	30.64 2.38 -1.09	22.11 1.83 0.56	34.88 2.46 0.00	70.85 4.68 0.00	193.00 11.73 0.00	41.08 2.50 0.00	31.17 1.94 -0.21	27.96 1.54 -6.31
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.14 0.72 0.00	19.46 0.55 0.00	25.48 0.64 0.00	24.21 0.73 0.00	21.41 0.67 0.00	20.16 0.57 0.00	17.53 0.51 0.00	12.43 0.41 0.00	13.30 0.48 0.00	14.04 0.60 0.00	14.80 0.67 0.00	10.88 0.54 0.00	14.04 0.69 0.00	18.18 0.98 0.23	19.47 1.20 2.04	23.07 1.57 5.50	23.55 1.50 5.11	21.45 1.19 0.58	34.00 1.58 0.00	69.05 2.88 0.00	189.05 7.78 0.00	40.20 1.63 0.00	30.16 1.13 0.00	20.91 0.81 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.26 0.84 0.00	19.56 0.65 0.00	25.57 0.73 0.00	24.30 0.82 0.00	21.50 0.77 0.00	20.24 0.66 0.00	17.63 0.61 0.00	12.51 0.50 0.00	13.41 0.59 0.00	14.16 0.73 0.00	14.93 0.81 0.00	10.97 0.63 0.00	14.17 0.82 0.00	18.35 1.14 0.22	19.71 1.38 1.98	23.42 1.77 5.35	23.88 1.68 4.97	21.62 1.35 0.56	34.18 1.77 0.00	69.30 3.13 0.00	189.40 8.13 0.00	40.35 1.78 0.00	30.31 1.28 0.00	21.02 0.92 0.00
W50THST__13_KV_LOAD 356117	23.36 0.93 0.00	19.64 0.73 0.00	25.63 0.79 0.00	24.36 0.89 0.00	21.57 0.82 0.00	20.31 0.72 0.00	17.70 0.69 0.00	12.57 0.55 0.00	13.48 0.65 0.00	14.23 0.79 0.00	15.01 0.88 0.00	11.02 0.69 0.00	14.25 0.90 0.00	18.45 1.24 0.22	19.84 1.51 1.98	23.58 1.93 5.35	24.04 1.84 4.97	21.75 1.47 0.56	34.37 1.95 0.00	69.66 3.49 0.00	190.27 9.00 0.00	40.53 1.95 0.00	30.44 1.42 0.00	21.10 1.00 0.00
WADING RIVER_IC_1 23522	13.29 1.47 10.60	15.66 1.09 4.34	24.86 1.32 1.30	24.62 1.26 0.11	21.95 1.22 0.00	20.70 1.12 0.00	18.00 0.99 0.00	12.75 0.74 0.00	13.59 0.77 0.00	14.34 0.91 0.00	9.08 1.06 6.11	5.97 0.83 5.20	9.84 1.09 4.60	15.88 1.56 3.11	22.03 1.94 0.22	26.02 2.51 3.48	26.94 2.43 2.66	22.21 1.94 0.56	34.96 2.55 0.00	71.01 4.84 0.00	193.48 12.21 0.00	41.13 2.55 0.00	30.82 1.97 0.17	17.66 1.59 4.03
WADING RIVER_IC_2 23547	13.29 1.47 10.60	15.66 1.09 4.34	24.86 1.32 1.30	24.62 1.26 0.11	21.95 1.22 0.00	20.70 1.12 0.00	18.00 0.99 0.00	12.75 0.74 0.00	13.59 0.77 0.00	14.34 0.91 0.00	9.08 1.06 6.11	5.97 0.83 5.20	9.84 1.09 4.60	15.88 1.56 3.11	22.03 1.94 0.22	26.02 2.51 3.48	26.94 2.43 2.66	22.21 1.94 0.56	34.96 2.55 0.00	71.01 4.84 0.00	193.48 12.21 0.00	41.13 2.55 0.00	30.82 1.97 0.17	17.66 1.59 4.03
WADING RIVER_IC_3 23601	13.29 1.47 10.60	15.66 1.09 4.34	24.86 1.32 1.30	24.62 1.26 0.11	21.95 1.22 0.00	20.70 1.12 0.00	18.00 0.99 0.00	12.75 0.74 0.00	13.59 0.77 0.00	14.34 0.91 0.00	9.08 1.06 6.11	5.97 0.83 5.20	9.84 1.09 4.60	15.88 1.56 3.11	22.03 1.94 0.22	26.02 2.51 3.48	26.94 2.43 2.66	22.21 1.94 0.56	34.96 2.55 0.00	71.01 4.84 0.00	193.48 12.21 0.00	41.13 2.55 0.00	30.82 1.97 0.17	17.66 1.59 4.03
WALDENNY_12_KV_BK2 80841	21.35 -1.08 0.00	18.04 -0.87 0.00	23.80 -1.04 0.00	22.38 -1.09 0.00	19.77 -0.97 0.00	18.85 -0.74 0.00	16.40 -0.61 0.00	11.42 -0.59 0.00	12.28 -0.54 0.00	12.91 -0.52 0.00	13.90 -0.23 0.00	9.82 -0.52 0.00	12.62 -0.73 0.00	15.24 -1.11 1.08	9.66 -0.97 9.68	-0.13 -1.02 26.10	1.83 -1.09 24.25	16.75 -1.33 2.76	30.55 -1.86 0.00	62.79 -3.38 0.00	173.35 -7.92 0.00	36.57 -2.00 0.00	27.65 -1.37 0.00	19.39 -0.71 0.00
WALDEN__HYDRO 24148	23.09 0.66 0.00	19.42 0.51 0.00	25.44 0.60 0.00	24.15 0.67 0.00	21.36 0.61 0.00	20.11 0.52 0.00	17.49 0.47 0.00	12.39 0.37 0.00	13.24 0.42 0.00	13.95 0.51 0.00	14.69 0.56 0.00	10.80 0.46 0.00	13.94 0.58 0.00	18.04 0.84 0.23	19.30 1.03 2.04	22.85 1.36 5.50	23.35 1.30 5.11	21.31 1.05 0.58	33.84 1.42 0.00	68.80 2.64 0.00	188.35 7.08 0.00	40.07 1.49 0.00	30.07 1.04 0.00	20.84 0.74 0.00
WARRENSBURG____ 23737	23.06 0.64 0.00	19.51 0.60 0.00	25.55 0.71 0.00	24.13 0.66 0.00	21.30 0.56 0.00	20.12 0.53 0.00	17.36 0.35 0.00	12.28 0.27 0.00	13.01 0.18 0.00	13.55 0.12 0.00	14.16 0.03 0.00	10.42 0.09 0.00	13.47 0.12 0.00	17.43 0.15 0.15	19.22 0.26 1.35	23.86 0.50 3.64	24.33 0.55 3.38	21.00 0.54 0.38	33.43 1.01 0.00	68.59 2.42 0.00	187.07 5.80 0.00	39.72 1.15 0.00	29.70 0.68 0.00	20.59 0.49 0.00
WATERSIDE____6 8 9 23538	23.31 0.88 0.00	19.59 0.68 0.00	25.59 0.75 0.00	24.35 0.87 0.00	21.55 0.81 0.00	20.29 0.70 0.00	17.68 0.67 -0.01	12.56 0.54 -0.01	13.47 0.63 -0.01	14.21 0.77 -0.01	14.98 0.84 -0.01	10.99 0.65 0.00	14.18 0.83 0.00	18.37 1.16 0.22	19.76 1.43 1.98	23.45 1.80 5.35	23.92 1.73 4.97	21.69 1.41 0.56	34.21 1.80 0.00	69.39 3.22 0.00	189.70 8.43 0.00	40.42 1.85 0.00	30.37 1.35 0.00	21.08 0.98 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.22 -0.20 0.00	18.74 -0.17 0.00	24.63 -0.21 0.00	23.31 -0.17 0.00	20.60 -0.14 0.00	19.43 -0.16 0.00	16.84 -0.17 0.00	11.90 -0.11 0.00	12.68 -0.15 0.00	13.23 -0.20 0.00	13.83 -0.30 0.00	10.11 -0.22 0.00	13.07 -0.28 0.00	16.89 -0.33 0.22	18.01 -0.37 1.94	21.42 -0.35 5.23	22.04 -0.28 4.85	20.16 -0.13 0.55	32.24 -0.17 0.00	66.04 -0.13 0.00	180.73 -0.54 0.00	38.43 -0.15 0.00	28.89 -0.14 0.00	20.03 -0.07 0.00

WDELAWARE___HYD 323627	22.78 0.36 0.00	19.16 0.25 0.00	25.10 0.27 0.00	23.83 0.35 0.00	21.07 0.33 0.00	19.85 0.26 0.00	17.25 0.24 0.00	12.22 0.20 0.00	13.04 0.22 0.00	13.71 0.28 0.00	14.42 0.29 0.00	10.59 0.25 0.00	13.67 0.32 0.00	17.70 0.51 0.24	18.83 0.66 2.14	22.05 0.83 5.78	22.54 0.75 5.37	20.90 0.67 0.61	33.33 0.91 0.00	67.91 1.74 0.00	185.98 4.71 0.00	39.54 0.97 0.00	29.68 0.65 0.00	20.55 0.45 0.00
WEST BABYLON___IC 23714	26.78 1.47 -2.90	21.22 1.13 -1.18	26.57 1.38 -0.35	24.83 1.32 -0.03	21.97 1.23 0.00	20.71 1.12 0.00	17.98 0.96 0.00	12.73 0.71 0.00	13.58 0.76 0.00	14.33 0.89 0.00	16.85 1.06 -1.67	12.58 0.82 -1.42	15.69 1.09 -1.25	21.21 1.56 -2.22	26.90 1.91 -4.68	29.05 2.50 0.44	30.64 2.38 -1.09	22.11 1.83 0.56	34.88 2.46 0.00	70.85 4.68 0.00	193.00 11.73 0.00	41.08 2.50 0.00	31.17 1.94 -0.21	27.96 1.54 -6.31
WEST CANADA___HYD 24049	22.31 -0.11 0.00	18.82 -0.09 0.00	24.71 -0.13 0.00	23.38 -0.09 0.00	20.66 -0.08 0.00	19.51 -0.08 0.00	16.93 -0.08 0.00	11.96 -0.06 0.00	12.76 -0.06 0.00	13.37 -0.07 0.00	14.05 -0.08 0.00	10.28 -0.06 0.00	13.27 -0.08 0.00	17.13 -0.08 0.22	18.28 -0.09 1.94	21.65 -0.11 5.23	22.20 -0.11 4.85	20.22 -0.07 0.55	32.31 -0.10 0.00	65.98 -0.19 0.00	180.73 -0.54 0.00	38.46 -0.11 0.00	28.94 -0.08 0.00	20.05 -0.05 0.00
WESTERN_NY_WIND 24143	21.57 -0.85 0.00	18.21 -0.70 0.00	24.00 -0.84 0.00	22.59 -0.88 0.00	19.96 -0.78 0.00	19.01 -0.58 0.00	16.56 -0.45 0.00	11.50 -0.52 0.00	12.27 -0.56 0.00	12.85 -0.59 0.00	13.78 -0.34 0.00	9.74 -0.60 0.00	12.51 -0.84 0.00	15.13 -1.24 1.07	9.63 -1.08 9.60	-0.08 -1.17 25.90	2.00 -1.11 24.06	16.76 -1.34 2.74	30.60 -1.81 0.00	63.27 -2.90 0.00	175.54 -5.73 0.00	37.13 -1.44 0.00	28.03 -1.00 0.00	19.57 -0.53 0.00
WESTOVER___LESR 323668	22.07 -0.36 0.00	18.62 -0.29 0.00	24.55 -0.29 0.00	23.19 -0.29 0.00	20.48 -0.26 0.00	19.38 -0.21 0.00	16.80 -0.21 0.00	11.82 -0.20 0.00	12.64 -0.19 0.00	13.24 -0.20 0.00	14.01 -0.12 0.00	10.15 -0.19 0.00	13.08 -0.27 0.00	15.84 -0.35 1.24	8.79 -0.38 11.14	-3.50 -1.28 30.06	-1.28 -0.53 27.92	17.25 -0.41 3.18	31.86 -0.56 0.00	65.27 -0.90 0.00	179.14 -2.13 0.00	37.99 -0.58 0.00	28.62 -0.40 0.00	19.94 -0.16 0.00
WETHRSFD_WT_PWR 323626	21.26 -1.16 0.00	18.00 -0.91 0.00	23.73 -1.11 0.00	22.36 -1.12 0.00	19.76 -0.99 0.00	18.82 -0.77 0.00	16.29 -0.72 0.00	11.29 -0.73 0.00	12.09 -0.73 0.00	12.71 -0.73 0.00	13.64 -0.48 0.00	9.70 -0.64 0.00	12.46 -0.89 0.00	15.02 -1.28 1.14	8.82 -1.26 10.22	-2.06 -1.47 27.58	0.01 -1.54 25.62	16.41 -1.51 2.92	30.40 -2.02 0.00	62.82 -3.35 0.00	173.74 -7.53 0.00	36.69 -1.89 0.00	27.71 -1.31 0.00	19.40 -0.70 0.00
WHAVSTOR_138KV_BK127 55557	23.05 0.63 0.00	19.39 0.48 0.00	25.39 0.55 0.00	24.12 0.65 0.00	21.33 0.59 0.00	20.08 0.49 0.00	17.46 0.45 0.00	12.38 0.36 0.00	13.25 0.43 0.00	13.98 0.55 0.00	14.74 0.61 0.00	10.84 0.49 0.00	13.98 0.64 0.00	18.11 0.91 0.23	19.38 1.11 2.04	22.94 1.44 5.49	23.43 1.36 5.10	21.34 1.08 0.58	33.82 1.40 0.00	68.70 2.53 0.00	187.97 6.70 0.00	39.99 1.41 0.00	30.02 1.00 0.00	20.81 0.71 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.05 0.63 0.00	19.39 0.48 0.00	25.39 0.55 0.00	24.12 0.65 0.00	21.33 0.59 0.00	20.08 0.49 0.00	17.46 0.45 0.00	12.38 0.36 0.00	13.25 0.43 0.00	13.98 0.55 0.00	14.74 0.61 0.00	10.84 0.49 0.00	13.98 0.64 0.00	18.11 0.91 0.23	19.38 1.11 2.04	22.94 1.44 5.49	23.43 1.36 5.10	21.34 1.08 0.58	33.82 1.40 0.00	68.70 2.53 0.00	187.97 6.70 0.00	39.99 1.41 0.00	30.02 1.00 0.00	20.81 0.71 0.00
WHITEHAL_115KV_TB1 80871	23.29 0.87 0.00	19.93 1.02 0.00	25.97 1.13 0.00	24.31 0.83 0.00	21.35 0.61 0.00	20.18 0.60 0.00	17.45 0.44 0.00	12.45 0.43 0.00	13.00 0.18 0.00	13.58 0.15 0.00	14.25 0.12 0.00	10.64 0.31 0.00	13.75 0.40 0.00	17.57 0.29 0.15	19.53 0.57 1.35	24.07 0.72 3.64	24.69 0.90 3.38	21.60 1.14 0.38	34.39 1.97 0.00	71.02 4.85 0.00	190.36 9.09 0.00	40.30 1.73 0.00	29.82 0.79 0.00	20.78 0.67 0.00
WHITEPLN_13_KV_LOAD 356215	23.36 0.93 0.00	19.64 0.73 0.00	25.69 0.85 0.00	24.39 0.91 0.00	21.57 0.83 0.00	20.31 0.72 0.00	17.67 0.66 0.00	12.53 0.52 0.00	13.42 0.59 0.00	14.15 0.72 0.00	14.92 0.79 0.00	10.97 0.63 0.00	14.16 0.81 0.00	18.34 1.13 0.22	19.71 1.38 1.98	23.43 1.79 5.35	23.92 1.73 4.97	21.66 1.38 0.56	34.28 1.87 0.00	69.63 3.46 0.00	190.34 9.07 0.00	40.51 1.94 0.00	30.41 1.39 0.00	21.08 0.98 0.00
WM_FLOYD_69_KV_BK2 356380	13.55 1.46 10.34	15.77 1.08 4.22	24.88 1.31 1.27	24.62 1.25 0.11	21.94 1.21 0.00	20.69 1.11 0.00	17.97 0.96 0.00	12.73 0.72 0.00	13.57 0.75 0.00	14.31 0.88 0.00	9.20 1.03 5.95	6.07 0.80 5.07	9.92 1.05 4.48	15.94 1.52 3.01	22.08 1.89 0.12	26.01 2.44 3.42	26.93 2.35 2.59	22.16 2.38 0.56	34.90 2.48 0.00	70.90 4.72 0.00	193.23 11.96 0.00	41.08 2.51 0.00	30.79 1.94 0.16	17.84 1.56 3.82
WOODARD___115KV_TB2 355635	21.77 -0.66 0.00	18.36 -0.55 0.00	24.14 -0.70 0.00	22.82 -0.66 0.00	20.16 -0.58 0.00	19.06 -0.52 0.00	16.54 -0.47 0.00	11.63 -0.38 0.00	12.42 -0.41 0.00	13.00 -0.43 0.00	13.71 -0.42 0.00	9.96 -0.38 0.00	12.86 -0.49 0.00	14.55 -0.65 2.23	-0.50 -0.71 20.10	-28.13 -0.92 54.21	-24.10 -0.91 50.35	14.41 -0.69 5.74	31.45 -0.96 0.00	64.38 -1.79 0.00	176.97 -4.30 0.00	37.59 -0.98 0.00	28.28 -0.75 0.00	19.64 -0.46 0.00
WOODMERE_69_KV_BK1 55827	159.71 1.23 -136.06	75.50 0.98 -55.61	42.74 1.22 -16.68	26.13 1.19 -1.46	21.89 1.09 -0.06	20.64 1.00 -0.06	17.92 0.86 -0.06	12.70 0.63 -0.05	13.55 0.69 -0.04	14.32 0.85 -0.03	93.55 1.04 -78.38	77.88 0.81 -66.73	73.40 1.06 -58.99	72.69 1.46 -53.80	70.58 1.75 -48.53	55.47 2.27 -26.21	63.25 2.12 -33.96	21.89 1.62 0.56	34.56 2.15 0.00	70.07 3.90 0.00	190.95 9.68 0.00	40.70 2.12 0.00	34.54 1.65 -3.86	127.22 1.33 -105.79
YORK___WARBASSE 23770	23.44 1.01 0.00	19.71 0.79 0.00	25.72 0.88 0.00	24.49 1.01 0.00	21.67 0.93 0.00	20.40 0.81 0.00	17.77 0.75 -0.01	12.61 0.58 -0.01	13.52 0.69 -0.01	14.27 0.83 -0.01	15.03 0.89 -0.01	11.02 0.69 0.00	14.22 0.87 0.00	18.43 1.21 0.22	19.83 1.50 1.98	23.53 1.88 5.35	24.03 1.83 4.97	21.74 1.47 0.56	34.32 1.91 0.00	69.63 3.46 0.00	190.36 9.09 0.00	40.58 2.00 0.00	30.51 1.48 0.00	21.16 1.06 0.00