

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/31/2025

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	22.19	17.82	21.96	150.53	42.00	32.12	34.19	25.39	25.15	29.06	22.71	19.17	23.26	16.95	22.34	16.27	16.06	19.89	23.71	22.99	24.46	21.44	18.66	16.12
24138	1.61	1.28	1.59	-1.87	0.02	0.27	0.36	1.33	1.35	1.46	1.22	1.17	1.45	1.25	1.49	1.34	1.32	1.47	1.60	1.65	1.79	1.37	1.27	1.12
	0.00	-0.36	0.00	-182.75	-41.71	-27.81	-28.33	-5.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	22.20	17.84	21.96	149.96	41.88	32.04	34.11	25.39	25.15	29.06	22.71	19.17	23.26	16.94	22.34	16.26	16.06	19.88	23.72	22.99	24.47	21.45	18.67	16.12
24260	1.62	1.29	1.60	-1.89	0.02	0.28	0.37	1.34	1.35	1.46	1.21	1.18	1.45	1.24	1.49	1.34	1.31	1.47	1.61	1.65	1.80	1.39	1.28	1.12
	0.00	-0.36	0.00	-182.19	-41.58	-27.73	-28.25	-5.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	22.20	17.84	21.96	149.96	41.88	32.04	34.11	25.39	25.15	29.06	22.71	19.17	23.26	16.94	22.34	16.26	16.06	19.88	23.72	22.99	24.47	21.45	18.67	16.12
24261	1.62	1.29	1.60	-1.89	0.02	0.28	0.37	1.34	1.35	1.46	1.21	1.18	1.45	1.24	1.49	1.34	1.31	1.47	1.61	1.65	1.80	1.39	1.28	1.12
	0.00	-0.36	0.00	-182.19	-41.58	-27.73	-28.25	-5.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	21.99	17.33	21.86	-32.49	0.29	4.32	5.86	20.11	25.17	29.09	22.54	18.93	23.09	16.66	22.00	15.91	15.74	19.56	23.40	22.65	24.05	21.21	18.42	15.88
24011	1.41	1.14	1.49	-2.15	0.02	0.29	0.37	1.31	1.37	1.49	1.05	0.93	1.29	0.96	1.15	0.98	0.99	1.14	1.30	1.30	1.38	1.15	1.02	0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	22.16	17.46	22.02	-32.73	0.29	4.35	5.89	20.23	25.30	29.22	22.65	19.02	23.29	16.80	22.17	16.02	15.86	19.69	23.54	22.77	24.18	21.29	18.49	15.93
23798	1.58	1.27	1.65	-2.38	0.02	0.32	0.40	1.44	1.51	1.62	1.16	1.03	1.48	1.10	1.32	1.10	1.10	1.27	1.44	1.43	1.50	1.23	1.09	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	21.99	17.33	21.86	-32.49	0.29	4.32	5.86	20.11	25.17	29.09	22.54	18.93	23.09	16.66	22.00	15.91	15.74	19.56	23.40	22.65	24.05	21.21	18.42	15.88
24028	1.41	1.14	1.49	-2.15	0.02	0.29	0.37	1.31	1.37	1.49	1.05	0.93	1.29	0.96	1.15	0.98	0.99	1.14	1.30	1.30	1.38	1.15	1.02	0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	21.73	17.20	21.64	-32.10	0.29	4.27	5.79	19.80	24.72	28.44	22.08	18.52	22.63	16.44	21.72	15.73	15.55	19.36	23.16	22.39	23.79	20.92	18.22	15.70
23527	1.15	0.95	1.26	-1.76	0.02	0.24	0.30	1.00	0.92	0.84	0.59	0.52	0.82	0.74	0.87	0.80	0.80	0.94	1.05	1.04	1.12	0.86	0.82	0.70
	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	21.01	16.66	20.99	-31.22	0.28	4.15	5.61	19.11	23.93	27.62	21.53	18.08	21.98	15.93	21.06	15.24	15.07	18.73	22.40	21.67	23.03	20.26	17.63	15.21
24190	0.44	0.47	0.62	-0.88	0.01	0.12	0.13	0.31	0.13	0.02	0.03	0.08	0.17	0.22	0.21	0.31	0.32	0.32	0.29	0.32	0.36	0.20	0.24	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	20.35	15.98	20.10	-29.94	0.27	3.97	5.41	18.61	23.95	27.92	21.70	18.05	21.82	15.66	20.83	14.71	14.51	18.23	21.97	21.10	22.26	19.79	17.11	14.74
355683	-0.22	-0.21	-0.27	0.41	0.00	-0.07	-0.07	-0.19	0.15	0.32	0.20	0.05	0.01	-0.04	-0.02	-0.22	-0.24	-0.19	-0.14	-0.24	-0.41	-0.27	-0.29	-0.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	21.38	16.88	21.26	-31.62	0.28	4.21	5.70	19.45	24.38	28.14	21.91	18.34	22.22	16.08	21.30	15.41	15.27	19.01	22.75	22.02	23.42	20.62	17.92	15.46
323833	0.80	0.69	0.89	-1.27	0.01	0.18	0.21	0.65	0.58	0.54	0.41	0.34	0.41	0.38	0.45	0.49	0.52	0.59	0.64	0.67	0.75	0.56	0.53	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	21.38	16.88	21.25	-31.62	0.28	4.21	5.70	19.44	24.37	28.13	21.90	18.33	22.21	16.08	21.29	15.41	15.27	19.00	22.74	22.01	23.41	20.62	17.92	15.46
323834	0.79	0.69	0.88	-1.27	0.01	0.18	0.21	0.65	0.58	0.53	0.40	0.33	0.40	0.38	0.44	0.48	0.52	0.58	0.64	0.66	0.74	0.55	0.53	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	21.01	16.66	20.99	-31.22	0.28	4.15	5.61	19.11	23.93	27.62	21.53	18.08	21.98	15.93	21.06	15.24	15.07	18.73	22.40	21.67	23.03	20.26	17.63	15.21
23571	0.44	0.47	0.62	-0.88	0.01	0.12	0.13	0.31	0.13	0.02	0.03	0.08	0.17	0.22	0.21	0.31	0.32	0.32	0.29	0.32	0.36	0.20	0.24	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	21.01 0.44 0.00	16.66 0.47 0.00	20.99 0.62 0.00	-31.22 -0.88 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.61 0.13 0.00	19.11 0.31 0.00	23.93 0.13 0.00	27.62 0.02 0.00	21.53 0.03 0.00	18.08 0.08 0.00	21.98 0.17 0.00	15.93 0.22 0.00	21.06 0.21 0.00	15.24 0.31 0.00	15.07 0.32 0.00	18.73 0.32 0.00	22.40 0.29 0.00	21.67 0.32 0.00	23.03 0.36 0.00	20.26 0.20 0.00	17.63 0.24 0.00	15.21 0.21 0.00
ALBANY___3 23573	21.01 0.44 0.00	16.66 0.47 0.00	20.99 0.62 0.00	-31.22 -0.88 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.61 0.13 0.00	19.11 0.31 0.00	23.93 0.13 0.00	27.62 0.02 0.00	21.53 0.03 0.00	18.08 0.08 0.00	21.98 0.17 0.00	15.93 0.22 0.00	21.06 0.21 0.00	15.24 0.31 0.00	15.07 0.32 0.00	18.73 0.32 0.00	22.40 0.29 0.00	21.67 0.32 0.00	23.03 0.36 0.00	20.26 0.20 0.00	17.63 0.24 0.00	15.21 0.21 0.00
ALBANY___4 23574	21.01 0.44 0.00	16.66 0.47 0.00	20.99 0.62 0.00	-31.22 -0.88 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.61 0.13 0.00	19.11 0.31 0.00	23.93 0.13 0.00	27.62 0.02 0.00	21.53 0.03 0.00	18.08 0.08 0.00	21.98 0.17 0.00	15.93 0.22 0.00	21.06 0.21 0.00	15.24 0.31 0.00	15.07 0.32 0.00	18.73 0.32 0.00	22.40 0.29 0.00	21.67 0.32 0.00	23.03 0.36 0.00	20.26 0.20 0.00	17.63 0.24 0.00	15.21 0.21 0.00
ALBANY___LFGE 323615	21.19 0.61 0.00	16.77 0.58 0.00	21.14 0.76 0.00	-31.43 -1.09 0.00	0.28 0.01 0.00	4.18 0.15 0.00	5.66 0.17 0.00	19.28 0.48 0.00	24.14 0.35 0.00	27.88 0.28 0.00	21.73 0.24 0.00	18.24 0.25 0.00	22.19 0.38 0.00	16.07 0.36 0.00	21.25 0.40 0.00	15.38 0.45 0.00	15.20 0.46 0.00	18.90 0.48 0.00	22.60 0.50 0.00	21.86 0.51 0.00	23.24 0.57 0.00	20.45 0.38 0.00	17.79 0.39 0.00	15.34 0.34 0.00
ALCOA_PA_115KV_PL-6C 55860	20.34 -0.23 0.00	15.97 -0.22 0.00	20.09 -0.29 0.00	-29.94 0.41 0.00	0.27 0.00 0.00	3.97 -0.07 0.00	5.42 -0.07 0.00	18.61 -0.18 0.00	24.06 0.26 0.00	28.06 0.45 0.00	21.78 0.29 0.00	18.12 0.13 0.00	21.91 0.09 0.00	15.73 0.02 0.00	20.90 0.06 0.00	14.70 -0.22 0.00	14.51 -0.24 0.00	18.24 -0.18 0.00	21.98 -0.13 0.00	21.09 -0.25 0.00	22.25 -0.42 0.00	19.79 -0.28 0.00	17.10 -0.30 0.00	14.73 -0.27 0.00
ALCOA_RYNLDS___DRP 24188	20.34 -0.23 0.00	15.97 -0.22 0.00	20.09 -0.29 0.00	-29.94 0.41 0.00	0.27 0.00 0.00	3.97 -0.07 0.00	5.42 -0.07 0.00	18.61 -0.18 0.00	24.06 0.26 0.00	28.06 0.45 0.00	21.78 0.29 0.00	18.12 0.13 0.00	21.91 0.09 0.00	15.73 0.02 0.00	20.90 0.06 0.00	14.70 -0.22 0.00	14.51 -0.24 0.00	18.24 -0.18 0.00	21.98 -0.13 0.00	21.09 -0.25 0.00	22.25 -0.42 0.00	19.79 -0.28 0.00	17.10 -0.30 0.00	14.73 -0.27 0.00
ALCOA___DSASP 323711	20.35 -0.23 0.00	15.97 -0.22 0.00	20.09 -0.29 0.00	-29.94 0.41 0.00	0.27 0.00 0.00	3.97 -0.07 0.00	5.42 -0.07 0.00	18.62 -0.18 0.00	24.06 0.26 0.00	28.06 0.45 0.00	21.78 0.29 0.00	18.12 0.13 0.00	21.90 0.09 0.00	15.73 0.03 0.00	20.90 0.06 0.00	14.70 -0.22 0.00	14.51 -0.24 0.00	18.24 -0.18 0.00	21.98 -0.13 0.00	21.09 -0.25 0.00	22.25 -0.42 0.00	19.79 -0.28 0.00	17.10 -0.30 0.00	14.73 -0.27 0.00
ALLEGHENY___COGEN 23514	20.12 -0.46 0.00	15.86 -0.32 0.00	20.02 -0.36 0.00	-30.87 -0.53 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.48 -0.01 0.00	18.46 -0.33 0.00	45.87 -0.67 -22.74	40.18 -0.84 -13.41	21.32 -0.66 -0.49	17.94 -0.63 -0.57	31.41 -0.77 -10.37	17.07 -0.62 -2.00	52.43 -0.78 -32.36	44.33 -0.53 -29.94	42.23 -0.65 -28.13	31.16 -0.65 -13.39	21.67 -0.43 0.00	21.36 0.01 0.00	22.91 0.24 0.00	20.27 0.21 0.00	17.43 0.04 0.00	15.04 0.04 0.00
ALTAMONT_115KV_TB 2 55880	21.18 0.60 0.00	16.71 0.52 0.00	21.06 0.68 0.00	-31.28 -0.93 0.00	0.28 0.01 0.00	4.17 0.14 0.00	5.65 0.16 0.00	19.28 0.48 0.00	24.16 0.36 0.00	27.91 0.31 0.00	21.75 0.26 0.00	18.27 0.27 0.00	22.20 0.39 0.00	16.07 0.37 0.00	21.25 0.40 0.00	15.36 0.43 0.00	15.19 0.44 0.00	18.89 0.47 0.00	22.61 0.50 0.00	21.88 0.53 0.00	23.26 0.59 0.00	20.49 0.42 0.00	17.81 0.41 0.00	15.36 0.36 0.00
ALTONA_WT_PWR 323606	20.60 0.02 0.00	16.17 -0.02 0.00	20.36 -0.01 0.00	-30.29 0.05 0.00	0.27 0.00 0.00	4.00 -0.03 0.00	5.47 -0.02 0.00	18.82 0.02 0.00	24.15 0.36 0.00	28.19 0.59 0.00	21.87 0.38 0.00	18.12 0.12 0.00	21.86 0.05 0.00	15.71 0.01 0.00	20.82 -0.03 0.00	14.62 -0.30 0.00	14.36 -0.39 0.00	17.97 -0.45 0.00	21.55 -0.56 0.00	20.76 -0.59 0.00	21.94 -0.73 0.00	19.49 -0.58 0.00	16.88 -0.52 0.00	14.50 -0.50 0.00
AMERICAN_REF_FUEL 24010	18.57 -2.01 0.00	14.65 -1.54 0.00	18.50 -1.87 0.00	-28.75 1.59 0.00	0.26 -0.01 0.00	3.76 -0.27 0.00	5.15 -0.34 0.00	17.15 -1.64 0.00	16.43 -2.01 5.35	22.15 -2.29 3.16	19.43 -1.94 0.12	15.93 -1.64 0.42	17.61 -1.76 2.44	13.92 -1.31 0.47	11.54 -1.68 7.63	6.65 -1.22 7.05	5.84 -1.27 7.64	13.72 -1.55 3.15	20.25 -1.86 0.00	19.90 -1.44 0.00	21.49 -1.18 0.00	19.00 -1.06 0.00	16.34 -1.06 0.00	14.15 -0.85 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.03 -1.55 0.00	15.06 -1.12 0.00	19.20 -1.17 0.00	-30.17 0.18 0.00	0.27 -0.01 0.00	3.90 -0.13 0.00	5.31 -0.18 0.00	17.90 -0.90 0.00	17.91 -1.49 4.39	23.48 -1.53 2.59	20.20 -1.19 0.09	16.49 -1.07 0.43	18.64 -1.17 2.00	14.34 -0.97 0.39	13.13 -1.46 6.26	8.21 -0.93 5.78	7.23 -0.94 6.57	14.71 -1.13 2.59	20.97 -1.13 0.00	20.48 -0.87 0.00	22.26 -0.41 0.00	19.59 -0.47 0.00	16.85 -0.55 0.00	14.49 -0.51 0.00
ARTHUR KILL_GT_1 23520	22.11 1.53 0.00	17.77 1.23 -0.36	21.84 1.48 0.00	150.15 -1.70 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.09 0.36 -28.25	25.35 1.30 -5.25	24.99 1.20 0.00	28.95 1.34 0.00	22.56 1.07 0.00	19.06 1.07 0.00	23.09 1.29 0.00	16.84 1.14 0.00	22.21 1.36 0.00	16.16 1.23 0.00	16.00 1.25 0.00	19.80 1.38 0.00	23.63 1.52 0.00	22.94 1.60 0.00	24.43 1.76 0.00	21.35 1.28 0.00	18.62 1.23 0.00	16.05 1.05 0.00
ARTHUR_KILL_2 23512	22.06 1.48 0.00	17.73 1.19 -0.36	21.79 1.42 0.00	150.23 -1.63 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.34 -28.25	25.29 1.25 -5.25	24.92 1.12 0.00	28.87 1.27 0.00	22.50 1.01 0.00	19.02 1.03 0.00	23.04 1.23 0.00	16.80 1.10 0.00	22.15 1.30 0.00	16.11 1.19 0.00	15.96 1.21 0.00	19.75 1.33 0.00	23.56 1.46 0.00	22.87 1.53 0.00	24.36 1.69 0.00	21.28 1.22 0.00	18.57 1.17 0.00	16.01 1.00 0.00
ARTHUR_KILL_3 23513	21.98 1.40 0.00	17.67 1.12 -0.36	21.76 1.39 0.00	150.56 -1.55 -182.45	41.93 0.02 -41.65	32.04 0.24 -27.76	34.10 0.32 -28.29	25.21 1.16 -5.25	24.90 1.10 0.00	28.77 1.16 0.00	22.47 0.98 0.00	18.99 1.00 0.00	23.02 1.21 0.00	16.78 1.07 0.00	22.11 1.26 0.00	16.11 1.19 0.00	15.91 1.17 0.00	19.71 1.28 0.00	23.49 1.39 0.00	22.79 1.44 0.00	24.24 1.57 0.00	21.25 1.19 0.00	18.50 1.11 0.00	-317.36 0.98 333.33

ARTHUR_KILL_COGEN 323718	22.11 1.53 0.00	17.77 1.23 -0.36	21.84 1.47 0.00	150.13 -1.72 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.09 0.36 -28.25	25.34 1.30 -5.25	24.98 1.18 0.00	28.94 1.34 0.00	22.56 1.07 0.00	19.06 1.07 0.00	23.09 1.28 0.00	16.84 1.14 0.00	22.21 1.36 0.00	16.15 1.23 0.00	16.00 1.25 0.00	19.80 1.38 0.00	23.63 1.52 0.00	22.94 1.60 0.00	24.43 1.76 0.00	21.35 1.28 0.00	18.62 1.23 0.00	16.05 1.05 0.00
ASHOKAN____ 23654	22.15 1.57 0.00	17.40 1.22 0.00	21.86 1.50 0.00	-32.33 -1.98 0.00	0.29 0.02 0.00	4.32 0.28 0.00	5.86 0.37 0.00	20.10 1.30 0.00	25.17 1.38 0.00	29.12 1.52 0.00	22.72 1.22 0.00	19.13 1.14 0.00	23.26 1.45 0.00	16.89 1.19 0.00	22.30 1.45 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.93 1.51 0.00	23.84 1.73 0.00	23.09 1.74 0.00	24.57 1.90 0.00	21.54 1.47 0.00	18.69 1.29 0.00	16.09 1.09 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.14 1.57 0.00	17.79 1.25 -0.36	21.69 1.32 0.01	111.74 -1.54 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.31 -28.25	25.27 1.23 -5.25	24.85 1.05 0.00	28.77 1.17 0.00	22.50 1.01 0.00	18.97 0.98 0.00	22.98 1.17 0.00	16.78 1.08 0.00	22.08 1.23 0.00	16.11 1.18 0.00	15.89 1.14 0.00	19.68 1.26 0.00	23.44 1.34 0.01	22.74 1.40 0.00	24.19 1.53 0.01	21.21 1.15 0.01	18.48 1.09 0.01	15.94 0.95 0.01
ASTORIA_EAST_ENERGY_CC2 323582	22.14 1.56 0.00	17.79 1.25 -0.36	21.69 1.32 0.01	111.74 -1.54 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.31 -28.25	25.27 1.23 -5.25	24.85 1.05 0.00	28.77 1.17 0.00	22.50 1.01 0.00	18.97 0.98 0.00	22.98 1.17 0.00	16.78 1.08 0.00	22.08 1.23 0.00	16.11 1.18 0.00	15.89 1.14 0.00	19.68 1.26 0.00	23.44 1.34 0.01	22.74 1.40 0.00	24.19 1.53 0.01	21.21 1.15 0.01	18.48 1.09 0.01	15.94 0.95 0.01
ASTORIA_GT2_1 24094	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.34 0.00	111.73 -1.55 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.32 -28.25	25.28 1.23 -5.25	24.89 1.09 0.00	28.79 1.19 0.00	22.51 1.02 0.00	18.98 0.99 0.00	22.99 1.18 0.00	16.79 1.09 0.00	22.10 1.25 0.00	16.11 1.19 0.00	15.89 1.15 0.00	19.68 1.26 0.00	23.45 1.35 0.01	22.75 1.41 0.00	24.21 1.54 0.01	21.22 1.16 0.01	18.48 1.09 0.01	15.95 0.95 0.01
ASTORIA_GT2_2 24095	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.34 0.00	111.73 -1.55 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.32 -28.25	25.28 1.23 -5.25	24.89 1.09 0.00	28.79 1.19 0.00	22.51 1.02 0.00	18.98 0.99 0.00	22.99 1.18 0.00	16.79 1.09 0.00	22.10 1.25 0.00	16.11 1.19 0.00	15.89 1.15 0.00	19.68 1.26 0.00	23.45 1.35 0.01	22.75 1.41 0.00	24.21 1.54 0.01	21.22 1.16 0.01	18.48 1.09 0.01	15.95 0.95 0.01
ASTORIA_GT2_3 24096	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.34 0.00	111.73 -1.55 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.32 -28.25	25.28 1.23 -5.25	24.89 1.09 0.00	28.79 1.19 0.00	22.51 1.02 0.00	18.98 0.99 0.00	22.99 1.18 0.00	16.79 1.09 0.00	22.10 1.25 0.00	16.11 1.19 0.00	15.89 1.15 0.00	19.68 1.26 0.00	23.45 1.35 0.01	22.75 1.41 0.00	24.21 1.54 0.01	21.22 1.16 0.01	18.48 1.09 0.01	15.95 0.95 0.01
ASTORIA_GT2_4 24097	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.34 0.00	111.73 -1.55 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.32 -28.25	25.28 1.23 -5.25	24.89 1.09 0.00	28.79 1.19 0.00	22.51 1.02 0.00	18.98 0.99 0.00	22.99 1.18 0.00	16.79 1.09 0.00	22.10 1.25 0.00	16.11 1.19 0.00	15.89 1.15 0.00	19.68 1.26 0.00	23.45 1.35 0.01	22.75 1.41 0.00	24.21 1.54 0.01	21.22 1.16 0.01	18.48 1.09 0.01	15.95 0.95 0.01
ASTORIA_GT3_1 24098	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.34 0.00	111.73 -1.55 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.32 -28.25	25.28 1.23 -5.25	24.89 1.09 0.00	28.79 1.19 0.00	22.51 1.02 0.00	18.98 0.99 0.00	22.99 1.18 0.00	16.79 1.09 0.00	22.10 1.25 0.00	16.11 1.19 0.00	15.89 1.15 0.00	19.68 1.26 0.00	23.45 1.35 0.01	22.75 1.41 0.00	24.21 1.54 0.01	21.22 1.16 0.01	18.48 1.09 0.01	15.95 0.95 0.01
ASTORIA_GT3_2 24099	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.34 0.00	111.73 -1.55 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.32 -28.25	25.28 1.23 -5.25	24.89 1.09 0.00	28.79 1.19 0.00	22.51 1.02 0.00	18.98 0.99 0.00	22.99 1.18 0.00	16.79 1.09 0.00	22.10 1.25 0.00	16.11 1.19 0.00	15.89 1.15 0.00	19.68 1.26 0.00	23.45 1.35 0.01	22.75 1.41 0.00	24.21 1.54 0.01	21.22 1.16 0.01	18.48 1.09 0.01	15.95 0.95 0.01
ASTORIA_GT3_3 24100	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.34 0.00	111.73 -1.55 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.32 -28.25	25.28 1.23 -5.25	24.89 1.09 0.00	28.79 1.19 0.00	22.51 1.02 0.00	18.98 0.99 0.00	22.99 1.18 0.00	16.79 1.09 0.00	22.10 1.25 0.00	16.11 1.19 0.00	15.89 1.15 0.00	19.68 1.26 0.00	23.45 1.35 0.01	22.75 1.41 0.00	24.21 1.54 0.01	21.22 1.16 0.01	18.48 1.09 0.01	15.95 0.95 0.01
ASTORIA_GT3_4 24101	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.34 0.00	111.73 -1.55 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.32 -28.25	25.28 1.23 -5.25	24.89 1.09 0.00	28.79 1.19 0.00	22.51 1.02 0.00	18.98 0.99 0.00	22.99 1.18 0.00	16.79 1.09 0.00	22.10 1.25 0.00	16.11 1.19 0.00	15.89 1.15 0.00	19.68 1.26 0.00	23.45 1.35 0.01	22.75 1.41 0.00	24.21 1.54 0.01	21.22 1.16 0.01	18.48 1.09 0.01	15.95 0.95 0.01
ASTORIA_GT4_1 24102	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.34 0.00	111.73 -1.55 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.32 -28.25	25.28 1.23 -5.25	24.89 1.09 0.00	28.79 1.19 0.00	22.51 1.02 0.00	18.98 0.99 0.00	22.99 1.18 0.00	16.79 1.09 0.00	22.10 1.25 0.00	16.11 1.19 0.00	15.89 1.15 0.00	19.68 1.26 0.00	23.45 1.35 0.01	22.75 1.41 0.00	24.21 1.54 0.01	21.22 1.16 0.01	18.48 1.09 0.01	15.95 0.95 0.01
ASTORIA_GT4_2 24103	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.34 0.00	111.73 -1.55 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.32 -28.25	25.28 1.23 -5.25	24.89 1.09 0.00	28.79 1.19 0.00	22.51 1.02 0.00	18.98 0.99 0.00	22.99 1.18 0.00	16.79 1.09 0.00	22.10 1.25 0.00	16.11 1.19 0.00	15.89 1.15 0.00	19.68 1.26 0.00	23.45 1.35 0.01	22.75 1.41 0.00	24.21 1.54 0.01	21.22 1.16 0.01	18.48 1.09 0.01	15.95 0.95 0.01
ASTORIA_GT4_3 24104	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.34 0.00	111.73 -1.55 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.32 -28.25	25.28 1.23 -5.25	24.89 1.09 0.00	28.79 1.19 0.00	22.51 1.02 0.00	18.98 0.99 0.00	22.99 1.18 0.00	16.79 1.09 0.00	22.10 1.25 0.00	16.11 1.19 0.00	15.89 1.15 0.00	19.68 1.26 0.00	23.45 1.35 0.01	22.75 1.41 0.00	24.21 1.54 0.01	21.22 1.16 0.01	18.48 1.09 0.01	15.95 0.95 0.01

ASTORIA_GT4_4 24105	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.34 0.00	111.73 -1.55 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.32 -28.25	25.28 1.23 -5.25	24.89 1.09 0.00	28.79 1.19 0.00	22.51 1.02 0.00	18.98 0.99 0.00	22.99 1.18 0.00	16.79 1.09 0.00	22.10 1.25 0.00	16.11 1.19 0.00	15.89 1.15 0.00	19.68 1.26 0.00	23.45 1.35 0.01	22.75 1.41 0.00	24.21 1.54 0.01	21.22 1.16 0.01	18.48 1.09 0.01	15.95 0.95 0.01
ASTORIA_GT_1 23523	22.17 1.60 0.00	17.82 1.28 -0.36	21.73 1.36 0.00	111.68 -1.59 -143.62	41.87 0.02 -41.58	32.00 0.24 -27.72	34.06 0.33 -28.25	25.30 1.26 -5.25	24.92 1.12 0.00	28.83 1.23 0.00	22.54 1.05 0.00	19.01 1.01 0.00	23.02 1.21 0.00	16.81 1.11 0.00	22.13 1.28 0.00	16.14 1.21 0.00	15.91 1.16 0.00	19.71 1.29 0.00	23.48 1.38 0.01	22.78 1.44 0.00	24.24 1.58 0.01	21.24 1.19 0.01	18.51 1.12 0.01	15.96 0.97 0.01
ASTORIA_GT_10 24110	22.13 1.56 0.00	17.78 1.24 -0.36	21.83 1.47 0.00	150.17 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.07 0.33 -28.25	25.32 1.27 -5.25	24.99 1.19 0.00	28.88 1.28 0.00	22.60 1.11 0.00	19.07 1.08 0.00	23.12 1.32 0.00	16.86 1.15 0.00	22.22 1.37 0.00	16.18 1.26 0.00	15.97 1.22 0.00	19.77 1.35 0.00	23.58 1.48 0.00	22.87 1.52 0.00	24.33 1.66 0.00	21.32 1.26 0.00	18.58 1.19 0.00	16.06 1.06 0.00
ASTORIA_GT_11 24225	22.13 1.56 0.00	17.78 1.24 -0.36	21.83 1.47 0.00	150.17 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.07 0.33 -28.25	25.32 1.27 -5.25	24.99 1.19 0.00	28.88 1.28 0.00	22.60 1.11 0.00	19.07 1.08 0.00	23.12 1.32 0.00	16.86 1.15 0.00	22.22 1.37 0.00	16.18 1.26 0.00	15.97 1.22 0.00	19.77 1.35 0.00	23.58 1.48 0.00	22.87 1.52 0.00	24.33 1.66 0.00	21.32 1.26 0.00	18.58 1.19 0.00	16.06 1.06 0.00
ASTORIA_GT_12 24226	22.13 1.56 0.00	17.78 1.24 -0.36	21.83 1.47 0.00	150.17 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.07 0.33 -28.25	25.32 1.27 -5.25	24.99 1.19 0.00	28.88 1.28 0.00	22.60 1.11 0.00	19.07 1.08 0.00	23.12 1.32 0.00	16.86 1.15 0.00	22.22 1.37 0.00	16.18 1.26 0.00	15.97 1.22 0.00	19.77 1.35 0.00	23.58 1.48 0.00	22.87 1.52 0.00	24.33 1.66 0.00	21.32 1.26 0.00	18.58 1.19 0.00	16.06 1.06 0.00
ASTORIA_GT_13 24227	22.13 1.56 0.00	17.78 1.24 -0.36	21.83 1.47 0.00	150.17 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.07 0.33 -28.25	25.32 1.27 -5.25	24.99 1.19 0.00	28.88 1.28 0.00	22.60 1.11 0.00	19.07 1.08 0.00	23.12 1.32 0.00	16.86 1.15 0.00	22.22 1.37 0.00	16.18 1.26 0.00	15.97 1.22 0.00	19.77 1.35 0.00	23.58 1.48 0.00	22.87 1.52 0.00	24.33 1.66 0.00	21.32 1.26 0.00	18.58 1.19 0.00	16.06 1.06 0.00
ASTORIA_GT_5 24106	22.17 1.60 0.00	17.82 1.28 -0.36	21.73 1.36 0.00	111.68 -1.59 -143.62	41.87 0.02 -41.58	32.00 0.24 -27.72	34.06 0.33 -28.25	25.30 1.26 -5.25	24.92 1.12 0.00	28.83 1.23 0.00	22.54 1.05 0.00	19.01 1.01 0.00	23.02 1.21 0.00	16.81 1.11 0.00	22.13 1.28 0.00	16.14 1.21 0.00	15.91 1.16 0.00	19.71 1.29 0.00	23.48 1.38 0.01	22.78 1.44 0.00	24.24 1.58 0.01	21.24 1.19 0.01	18.51 1.12 0.01	15.96 0.97 0.01
ASTORIA_GT_7 24107	22.17 1.60 0.00	17.82 1.28 -0.36	21.73 1.36 0.00	111.68 -1.59 -143.62	41.87 0.02 -41.58	32.00 0.24 -27.72	34.06 0.33 -28.25	25.30 1.26 -5.25	24.92 1.12 0.00	28.83 1.23 0.00	22.54 1.05 0.00	19.01 1.01 0.00	23.02 1.21 0.00	16.81 1.11 0.00	22.13 1.28 0.00	16.14 1.21 0.00	15.91 1.16 0.00	19.71 1.29 0.00	23.48 1.38 0.01	22.78 1.44 0.00	24.24 1.58 0.01	21.24 1.19 0.01	18.51 1.12 0.01	15.96 0.97 0.01
ASTORIA_GT_8 24108	22.17 1.60 0.00	17.82 1.28 -0.36	21.73 1.36 0.00	111.68 -1.59 -143.62	41.87 0.02 -41.58	32.00 0.24 -27.72	34.06 0.33 -28.25	25.30 1.26 -5.25	24.92 1.12 0.00	28.83 1.23 0.00	22.54 1.05 0.00	19.01 1.01 0.00	23.02 1.21 0.00	16.81 1.11 0.00	22.13 1.28 0.00	16.14 1.21 0.00	15.91 1.16 0.00	19.71 1.29 0.00	23.48 1.38 0.01	22.78 1.44 0.00	24.24 1.58 0.01	21.24 1.19 0.01	18.51 1.12 0.01	15.96 0.97 0.01
ASTORIA___2 24149	22.15 1.57 0.00	17.80 1.26 -0.36	21.70 1.34 0.01	111.73 -1.54 -143.62	41.87 0.02 -41.58	31.99 0.24 -27.72	34.05 0.32 -28.25	25.28 1.23 -5.25	24.86 1.07 0.00	28.79 1.18 0.00	22.51 1.02 0.00	18.98 0.99 0.00	22.99 1.18 0.00	16.78 1.08 0.00	22.09 1.24 0.00	16.11 1.19 0.00	15.89 1.15 0.00	19.68 1.26 0.00	23.45 1.35 0.01	22.75 1.41 0.00	24.21 1.54 0.01	21.22 1.16 0.01	18.49 1.09 0.01	15.95 0.95 0.01
ASTORIA___3 23516	22.13 1.55 0.00	17.78 1.24 -0.36	21.83 1.46 0.00	150.17 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.07 0.33 -28.25	25.31 1.27 -5.25	24.98 1.18 0.00	28.88 1.28 0.00	22.59 1.10 0.00	19.07 1.08 0.00	23.12 1.32 0.00	16.85 1.15 0.00	22.21 1.36 0.00	16.18 1.25 0.00	15.97 1.22 0.00	19.77 1.35 0.00	23.59 1.48 0.00	22.87 1.52 0.00	24.33 1.66 0.00	21.32 1.26 0.00	18.58 1.19 0.00	16.06 1.06 0.00
ASTORIA___4 23517	22.13 1.56 0.00	17.78 1.24 -0.36	21.83 1.47 0.00	150.17 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.07 0.33 -28.25	25.32 1.27 -5.25	24.99 1.19 0.00	28.88 1.28 0.00	22.60 1.11 0.00	19.07 1.08 0.00	23.12 1.32 0.00	16.86 1.15 0.00	22.22 1.37 0.00	16.18 1.26 0.00	15.97 1.22 0.00	19.77 1.35 0.00	23.58 1.48 0.00	22.87 1.52 0.00	24.33 1.66 0.00	21.32 1.26 0.00	18.58 1.19 0.00	16.06 1.06 0.00
ASTORIA___5 23518	22.13 1.55 0.00	17.78 1.24 -0.36	21.83 1.46 0.00	150.17 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.07 0.33 -28.25	25.31 1.27 -5.25	24.98 1.18 0.00	28.88 1.28 0.00	22.59 1.10 0.00	19.07 1.08 0.00	23.12 1.32 0.00	16.85 1.15 0.00	22.21 1.36 0.00	16.18 1.25 0.00	15.97 1.22 0.00	19.77 1.35 0.00	23.59 1.48 0.00	22.87 1.52 0.00	24.33 1.66 0.00	21.32 1.26 0.00	18.58 1.19 0.00	16.06 1.06 0.00
AST_ENERGY_2_CC3 323677	22.08 1.50 0.00	17.74 1.20 -0.36	21.83 1.46 0.00	150.46 -1.65 -182.46	41.93 0.02 -41.65	32.06 0.25 -27.76	34.11 0.33 -28.29	25.27 1.22 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.57 1.08 0.00	19.03 1.04 0.00	23.08 1.27 0.00	16.81 1.11 0.00	22.17 1.32 0.00	16.14 1.21 0.00	15.94 1.19 0.00	19.74 1.32 0.00	23.51 1.41 0.00	22.80 1.46 0.00	24.27 1.59 0.00	21.27 1.21 0.00	18.53 1.13 0.00	16.01 1.01 0.00
AST_ENERGY_2_CC4 323678	22.08 1.50 0.00	17.74 1.20 -0.36	21.83 1.46 0.00	150.46 -1.65 -182.46	41.93 0.02 -41.65	32.06 0.25 -27.76	34.11 0.33 -28.29	25.27 1.22 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.57 1.08 0.00	19.03 1.04 0.00	23.08 1.27 0.00	16.81 1.11 0.00	22.17 1.32 0.00	16.14 1.21 0.00	15.94 1.19 0.00	19.74 1.32 0.00	23.51 1.41 0.00	22.80 1.46 0.00	24.27 1.59 0.00	21.27 1.21 0.00	18.53 1.13 0.00	16.01 1.01 0.00

ATHENS_STG_1 23668	21.34 0.75 0.00	16.89 0.63 -0.07	21.18 0.81 0.00	-23.20 -1.01 -8.16	4.09 0.01 -3.81	6.72 0.15 -2.54	8.26 0.18 -2.59	19.88 0.60 -0.48	24.26 0.46 0.00	28.02 0.42 0.00	21.86 0.37 0.00	18.39 0.39 0.00	22.35 0.54 0.00	16.21 0.50 0.00	21.41 0.56 0.00	15.51 0.58 0.00	15.32 0.58 0.00	19.04 0.62 0.00	22.76 0.65 0.00	22.03 0.68 0.00	23.43 0.76 0.00	20.62 0.55 0.00	17.93 0.54 0.00	15.48 0.48 0.00
ATHENS_STG_2 23670	21.34 0.75 0.00	16.89 0.63 -0.07	21.18 0.81 0.00	-23.20 -1.01 -8.16	4.09 0.01 -3.81	6.72 0.15 -2.54	8.26 0.18 -2.59	19.88 0.60 -0.48	24.26 0.46 0.00	28.02 0.42 0.00	21.86 0.37 0.00	18.39 0.39 0.00	22.35 0.54 0.00	16.21 0.50 0.00	21.41 0.56 0.00	15.51 0.58 0.00	15.32 0.58 0.00	19.04 0.62 0.00	22.76 0.65 0.00	22.03 0.68 0.00	23.43 0.76 0.00	20.62 0.55 0.00	17.93 0.54 0.00	15.48 0.48 0.00
ATHENS_STG_3 23677	21.34 0.75 0.00	16.89 0.63 -0.07	21.18 0.81 0.00	-23.20 -1.01 -8.16	4.09 0.01 -3.81	6.72 0.15 -2.54	8.26 0.18 -2.59	19.88 0.60 -0.48	24.26 0.46 0.00	28.02 0.42 0.00	21.86 0.37 0.00	18.39 0.39 0.00	22.35 0.54 0.00	16.21 0.50 0.00	21.41 0.56 0.00	15.51 0.58 0.00	15.32 0.58 0.00	19.04 0.62 0.00	22.76 0.65 0.00	22.03 0.68 0.00	23.43 0.76 0.00	20.62 0.55 0.00	17.93 0.54 0.00	15.48 0.48 0.00
AUBURN___LFGE 323710	20.44 -0.14 0.00	16.10 -0.09 0.00	20.30 -0.07 0.00	-30.51 -0.16 0.00	0.27 0.00 0.00	4.04 0.00 0.00	5.49 0.00 0.00	18.71 -0.09 0.00	23.50 -0.30 0.00	27.23 -0.37 0.00	21.23 -0.26 0.00	17.79 -0.28 -0.08	21.49 -0.32 0.00	15.55 -0.15 0.00	20.55 -0.30 0.00	14.83 -0.10 0.00	14.94 -0.09 -0.28	18.30 -0.12 0.00	21.88 -0.23 0.00	21.31 -0.04 0.00	22.67 0.00 0.00	20.09 0.03 0.00	17.39 -0.01 0.00	14.92 -0.08 0.00
BABYLON_RES_REC 323704	22.21 1.64 0.00	17.96 1.42 -0.36	22.16 1.79 0.00	149.84 -1.21 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.97 0.36 -28.13	25.30 1.28 -5.22	25.02 1.22 0.00	28.99 1.39 0.00	22.63 1.13 0.00	19.22 1.23 0.00	23.29 1.48 0.00	16.96 1.26 0.00	37.33 1.66 -14.81	21.82 1.45 -5.44	16.52 1.45 -0.32	19.97 1.55 0.00	23.92 1.82 0.00	23.25 1.91 0.00	24.79 2.11 0.00	21.68 1.61 -0.01	21.12 1.51 -2.21	16.44 1.35 -0.09
BALL_HILL_WT_PWR 323825	19.13 -1.45 0.00	15.11 -1.07 0.00	19.16 -1.20 0.00	-29.85 0.50 0.00	0.26 -0.01 0.00	3.89 -0.14 0.00	5.30 -0.19 0.00	17.79 -1.01 0.00	16.74 -1.51 5.54	22.70 -1.64 3.27	20.03 -1.34 0.12	16.35 -1.19 0.46	18.00 -1.28 2.53	14.27 -0.95 0.49	11.59 -1.36 7.90	6.69 -0.94 7.30	5.79 -0.96 7.99	14.01 -1.15 3.27	20.92 -1.19 0.00	20.51 -0.83 0.00	22.13 -0.54 0.00	19.54 -0.53 0.00	16.80 -0.59 0.00	14.51 -0.49 0.00
BARON_WINDS___WT_PWR 323822	19.41 -1.16 0.01	15.34 -0.84 0.00	19.44 -0.93 0.00	-30.19 0.15 0.00	0.26 -0.01 0.00	3.90 -0.13 0.00	5.26 -0.22 0.00	17.71 -1.09 0.00	-20.01 -1.75 42.06	0.72 -2.09 24.79	18.98 -1.60 0.91	14.46 -1.41 2.12	0.99 -1.65 19.17	10.86 -1.15 3.69	-40.60 -1.52 59.92	-41.53 -1.05 55.40	-42.17 -1.07 55.85	-7.62 -1.26 24.78	20.78 -1.33 0.00	20.39 -0.95 0.00	21.79 -0.88 0.00	19.26 -0.81 0.00	16.64 -0.75 0.00	14.41 -0.59 0.00
BARRETT_IC_1 23704	22.12 1.53 -0.01	17.84 1.29 -0.36	21.98 1.61 0.00	150.13 -0.91 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.10 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.74 1.45 -13.44	21.14 1.28 -4.94	16.30 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.82 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08
BARRETT_IC_10 23701	22.12 1.53 -0.01	17.84 1.29 -0.36	21.98 1.61 0.00	150.13 -0.91 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.10 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.74 1.45 -13.44	21.14 1.28 -4.94	16.30 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.82 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08
BARRETT_IC_11 23702	22.12 1.53 -0.01	17.84 1.29 -0.36	21.98 1.61 0.00	150.13 -0.91 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.10 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.74 1.45 -13.44	21.14 1.28 -4.94	16.30 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.82 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08
BARRETT_IC_12 23703	22.12 1.53 -0.01	17.84 1.29 -0.36	21.98 1.61 0.00	150.13 -0.91 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.10 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.74 1.45 -13.44	21.14 1.28 -4.94	16.30 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.82 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08
BARRETT_IC_2 23705	22.12 1.53 -0.01	17.84 1.29 -0.36	21.98 1.61 0.00	150.13 -0.91 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.10 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.74 1.45 -13.44	21.14 1.28 -4.94	16.30 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.82 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08
BARRETT_IC_3 23706	22.12 1.53 -0.01	17.84 1.29 -0.36	21.98 1.61 0.00	150.13 -0.91 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.10 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.74 1.45 -13.44	21.14 1.28 -4.94	16.30 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.82 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08
BARRETT_IC_4 23707	22.12 1.53 -0.01	17.84 1.29 -0.36	21.98 1.61 0.00	150.13 -0.91 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.10 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.74 1.45 -13.44	21.14 1.28 -4.94	16.30 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.82 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08
BARRETT_IC_5 23708	22.12 1.53 -0.01	17.84 1.29 -0.36	21.98 1.61 0.00	150.13 -0.91 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.10 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.74 1.45 -13.44	21.14 1.28 -4.94	16.30 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.82 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08

BARRETT_IC_6 23709	22.12 1.53 -0.01	17.84 1.29 -0.36	21.98 1.61 0.00	150.13 -0.91 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.10 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.74 1.45 -13.44	21.14 1.28 -4.94	16.30 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.82 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08
BARRETT_IC_7 23710	22.12 1.53 -0.01	17.84 1.29 -0.36	21.99 1.62 0.00	150.15 -0.90 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.11 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.75 1.46 -13.44	21.14 1.28 -4.94	16.31 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.81 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08
BARRETT_IC_8 23711	22.12 1.53 -0.01	17.84 1.29 -0.36	21.98 1.61 0.00	150.13 -0.91 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.10 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.74 1.45 -13.44	21.14 1.28 -4.94	16.30 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.82 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08
BARRETT_IC_9 23700	22.12 1.53 -0.01	17.84 1.29 -0.36	21.98 1.61 0.00	150.13 -0.91 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.10 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.74 1.45 -13.44	21.14 1.28 -4.94	16.30 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.82 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08
BARRETT___1 23545	22.12 1.53 -0.01	17.84 1.29 -0.36	21.98 1.61 0.00	150.13 -0.91 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.10 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.74 1.45 -13.44	21.14 1.28 -4.94	16.30 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.82 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08
BARRETT___2 23546	22.12 1.53 -0.01	17.84 1.29 -0.36	21.98 1.61 0.00	150.13 -0.91 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.90 1.10 0.00	28.86 1.26 0.00	22.58 1.07 -0.02	19.13 1.13 -0.01	23.17 1.36 0.00	16.87 1.17 0.00	35.74 1.45 -13.44	21.14 1.28 -4.94	16.30 1.27 -0.29	19.78 1.36 0.00	23.67 1.56 0.00	22.99 1.64 0.00	24.49 1.82 0.00	21.43 1.36 -0.01	20.71 1.30 -2.01	16.25 1.17 -0.08
BATAVIA___115KV_TB1 55881	19.53 -1.05 0.00	15.38 -0.81 0.00	19.40 -0.97 0.00	-29.90 0.45 -182.45	0.27 0.00 -41.65	3.93 -0.10 -27.76	5.37 -0.11 -28.29	18.04 -0.76 -5.25	19.15 -0.99 0.00	24.40 -1.04 2.16	20.50 -0.91 0.08	16.89 -0.78 0.32	19.28 -0.86 1.67	14.74 -0.64 0.32	14.76 -0.87 5.21	9.44 -0.66 4.82	8.70 -0.70 5.35	15.50 -0.76 2.16	21.32 -0.79 0.00	20.93 -0.42 0.00	22.55 -0.12 0.00	19.92 -0.14 0.00	17.11 -0.29 0.00	14.76 -0.24 0.00
BAYONEEC___CTG1 323682	22.07 1.49 0.00	17.73 1.19 -0.36	21.83 1.46 0.00	150.43 -1.68 -182.45	41.93 0.02 -41.65	32.06 0.25 -27.76	34.11 0.33 -28.29	25.27 1.22 -5.25	24.98 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.05 1.05 0.00	23.10 1.29 0.00	16.82 1.12 0.00	22.18 1.34 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.45 0.00	22.85 1.51 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
BAYONEEC___CTG10 323750	22.07 1.49 0.00	17.73 1.19 -0.36	21.83 1.46 0.00	150.43 -1.68 -182.45	41.93 0.02 -41.65	32.06 0.25 -27.76	34.11 0.33 -28.29	25.27 1.22 -5.25	24.98 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.05 1.05 0.00	23.10 1.29 0.00	16.82 1.12 0.00	22.18 1.34 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.45 0.00	22.85 1.51 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
BAYONEEC___CTG2 323683	22.07 1.49 0.00	17.73 1.19 -0.36	21.83 1.46 0.00	150.43 -1.68 -182.45	41.93 0.02 -41.65	32.06 0.25 -27.76	34.11 0.33 -28.29	25.27 1.22 -5.25	24.98 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.05 1.05 0.00	23.10 1.29 0.00	16.82 1.12 0.00	22.18 1.34 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.45 0.00	22.85 1.51 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
BAYONEEC___CTG3 323684	22.07 1.49 0.00	17.73 1.19 -0.36	21.83 1.46 0.00	150.43 -1.68 -182.45	41.93 0.02 -41.65	32.06 0.25 -27.76	34.11 0.33 -28.29	25.27 1.22 -5.25	24.98 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.05 1.05 0.00	23.10 1.29 0.00	16.82 1.12 0.00	22.18 1.34 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.45 0.00	22.85 1.51 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
BAYONEEC___CTG4 323685	22.07 1.49 0.00	17.73 1.19 -0.36	21.83 1.46 0.00	150.43 -1.68 -182.45	41.93 0.02 -41.65	32.06 0.25 -27.76	34.11 0.33 -28.29	25.27 1.22 -5.25	24.98 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.05 1.05 0.00	23.10 1.29 0.00	16.82 1.12 0.00	22.18 1.34 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.45 0.00	22.85 1.51 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
BAYONEEC___CTG5 323686	22.07 1.49 0.00	17.73 1.19 -0.36	21.83 1.46 0.00	150.43 -1.68 -182.45	41.93 0.02 -41.65	32.06 0.25 -27.76	34.11 0.33 -28.29	25.27 1.22 -5.25	24.98 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.05 1.05 0.00	23.10 1.29 0.00	16.82 1.12 0.00	22.18 1.34 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.45 0.00	22.85 1.51 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
BAYONEEC___CTG6 323687	22.07 1.49 0.00	17.73 1.19 -0.36	21.83 1.46 0.00	150.43 -1.68 -182.45	41.93 0.02 -41.65	32.06 0.25 -27.76	34.11 0.33 -28.29	25.27 1.22 -5.25	24.98 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.05 1.05 0.00	23.10 1.29 0.00	16.82 1.12 0.00	22.18 1.34 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.45 0.00	22.85 1.51 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
BAYONEEC___CTG7 323688	22.07 1.49 0.00	17.73 1.19 -0.36	21.83 1.46 0.00	150.43 -1.68 -182.45	41.93 0.02 -41.65	32.06 0.25 -27.76	34.11 0.33 -28.29	25.27 1.22 -5.25	24.98 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.05 1.05 0.00	23.10 1.29 0.00	16.82 1.12 0.00	22.18 1.34 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.45 0.00	22.85 1.51 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00

BAYONEEC___CTG8 323689	22.07 1.49 0.00	17.73 1.19 -0.36	21.83 1.46 0.00	150.43 -1.68 -182.45	41.93 0.02 -41.65	32.06 0.25 -27.76	34.11 0.33 -28.29	25.27 1.22 -5.25	24.98 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.05 1.05 0.00	23.10 1.29 0.00	16.82 1.12 0.00	22.18 1.34 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.45 0.00	22.85 1.51 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
BAYONEEC___CTG9 323749	22.07 1.49 0.00	17.73 1.19 -0.36	21.83 1.46 0.00	150.43 -1.68 -182.45	41.93 0.02 -41.65	32.06 0.25 -27.76	34.11 0.33 -28.29	25.27 1.22 -5.25	24.98 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.05 1.05 0.00	23.10 1.29 0.00	16.82 1.12 0.00	22.18 1.34 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.45 0.00	22.85 1.51 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
BEACON___LESR 323632	21.15 0.57 0.00	16.74 0.55 0.00	21.22 0.85 0.00	-31.46 -1.11 0.00	0.28 0.01 0.00	4.20 0.17 0.00	5.68 0.19 0.00	19.41 0.61 0.00	24.33 0.53 0.00	28.09 0.49 0.00	21.87 0.37 0.00	18.33 0.33 0.00	22.34 0.53 0.00	16.16 0.46 0.00	21.41 0.56 0.00	15.48 0.55 0.00	15.34 0.59 0.00	19.07 0.65 0.00	22.82 0.72 0.00	22.04 0.69 0.00	23.42 0.75 0.00	20.65 0.59 0.00	17.90 0.50 0.00	15.42 0.42 0.00
BEAVER RIVER___HYD 24048	20.19 -0.39 0.00	15.74 -0.45 0.00	19.82 -0.55 0.00	-30.48 -0.14 0.00	0.27 0.00 0.00	4.04 0.01 0.00	5.50 0.02 0.00	18.83 0.03 0.00	23.88 0.08 0.00	27.50 -0.10 0.00	21.18 -0.32 0.00	17.63 -0.37 0.00	21.42 -0.39 0.00	15.43 -0.27 0.00	20.44 -0.40 0.00	14.45 -0.48 0.00	14.32 -0.43 0.00	18.22 -0.21 0.00	21.71 -0.39 0.00	20.80 -0.55 0.00	21.95 -0.73 0.00	19.37 -0.69 0.00	16.77 -0.63 0.00	14.61 -0.39 0.00
BEEBEE_GT_13 23619	19.67 -0.90 0.00	15.50 -0.69 0.00	19.55 -0.82 0.00	-29.75 0.60 0.00	0.27 0.00 0.00	3.93 -0.10 0.00	5.36 -0.12 0.00	18.12 -0.67 0.00	22.79 -1.01 0.00	26.51 -1.09 0.00	20.58 -0.91 0.00	17.09 -0.77 0.13	20.94 -0.87 0.00	15.12 -0.59 0.00	19.99 -0.86 0.00	14.32 -0.60 0.00	13.66 -0.63 0.45	17.70 -0.71 0.00	21.36 -0.75 0.00	20.87 -0.47 0.00	22.37 -0.30 0.00	19.76 -0.30 0.00	17.03 -0.37 0.00	14.69 -0.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.25 1.67 0.00	17.87 1.32 -0.36	21.95 1.58 0.00	149.98 -1.87 -182.19	41.88 0.02 -41.58	32.04 0.28 -27.73	34.12 0.38 -28.25	25.44 1.40 -5.25	25.14 1.34 0.00	29.10 1.50 0.00	22.72 1.22 0.00	19.20 1.20 0.00	23.27 1.45 0.00	16.96 1.26 0.00	22.37 1.52 0.00	16.27 1.35 0.00	16.10 1.35 0.00	19.94 1.52 0.00	23.78 1.67 0.00	23.08 1.73 0.00	24.57 1.90 0.00	21.50 1.43 0.00	18.74 1.34 0.00	16.16 1.16 0.00
BETHLEHEM___GRP 23843	21.01 0.44 0.00	16.66 0.47 0.00	20.99 0.62 0.00	-31.22 -0.88 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.61 0.13 0.00	19.11 0.31 0.00	23.93 0.13 0.00	27.62 0.02 0.00	21.53 0.03 0.00	18.08 0.08 0.00	21.98 0.17 0.00	15.93 0.22 0.00	21.06 0.21 0.00	15.24 0.31 0.00	15.07 0.32 0.00	18.73 0.32 0.00	22.40 0.29 0.00	21.67 0.32 0.00	23.03 0.36 0.00	20.26 0.20 0.00	17.63 0.24 0.00	15.21 0.21 0.00
BETHLEHEM___GS1 323560	21.01 0.44 0.00	16.66 0.47 0.00	20.99 0.62 0.00	-31.22 -0.88 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.61 0.13 0.00	19.11 0.31 0.00	23.93 0.13 0.00	27.62 0.02 0.00	21.53 0.03 0.00	18.08 0.08 0.00	21.98 0.18 0.00	15.93 0.23 0.00	21.06 0.21 0.00	15.24 0.31 0.00	15.07 0.32 0.00	18.73 0.31 0.00	22.40 0.29 0.00	21.66 0.32 0.00	23.03 0.36 0.00	20.26 0.20 0.00	17.63 0.24 0.00	15.21 0.21 0.00
BETHLEHEM___GS2 323561	21.01 0.44 0.00	16.66 0.47 0.00	20.99 0.62 0.00	-31.22 -0.88 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.61 0.13 0.00	19.11 0.31 0.00	23.93 0.13 0.00	27.62 0.02 0.00	21.53 0.03 0.00	18.08 0.08 0.00	21.98 0.18 0.00	15.93 0.23 0.00	21.06 0.21 0.00	15.24 0.31 0.00	15.07 0.32 0.00	18.73 0.31 0.00	22.40 0.29 0.00	21.66 0.32 0.00	23.03 0.36 0.00	20.26 0.20 0.00	17.63 0.24 0.00	15.21 0.21 0.00
BETHLEHEM___GS3 323562	21.01 0.44 0.00	16.66 0.47 0.00	20.99 0.62 0.00	-31.22 -0.88 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.61 0.13 0.00	19.11 0.31 0.00	23.93 0.13 0.00	27.62 0.02 0.00	21.53 0.03 0.00	18.08 0.08 0.00	21.98 0.18 0.00	15.93 0.23 0.00	21.06 0.21 0.00	15.24 0.31 0.00	15.07 0.32 0.00	18.73 0.31 0.00	22.40 0.29 0.00	21.66 0.32 0.00	23.03 0.36 0.00	20.26 0.20 0.00	17.63 0.24 0.00	15.21 0.21 0.00
BETHLEHEM___STEEL 23779	19.14 -1.44 0.00	15.10 -1.08 0.00	19.11 -1.26 0.00	-29.64 0.70 0.00	0.26 -0.01 0.00	3.88 -0.15 0.00	5.29 -0.20 0.00	17.71 -1.09 0.00	15.67 -1.56 6.56	22.04 -1.69 3.87	19.95 -1.40 0.14	16.28 -1.21 0.50	17.49 -1.33 2.99	14.17 -0.96 0.57	10.15 -1.35 9.35	5.33 -0.95 8.64	4.46 -0.99 9.30	13.38 -1.18 3.86	20.87 -1.24 0.00	20.51 -0.83 0.00	22.12 -0.55 0.00	19.55 -0.52 0.00	16.81 -0.59 0.00	14.53 -0.47 0.00
BETHLHEM_115KV_TB1 79974	21.04 0.47 0.00	16.67 0.48 0.00	21.00 0.63 0.00	-31.22 -0.88 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.62 0.13 0.00	19.14 0.34 0.00	23.97 0.18 0.00	27.68 0.07 0.00	21.57 0.08 0.00	18.11 0.12 0.00	22.03 0.22 0.00	15.96 0.25 0.00	21.10 0.26 0.00	15.27 0.34 0.00	15.10 0.35 0.00	18.77 0.35 0.00	22.44 0.33 0.00	21.71 0.37 0.00	23.08 0.40 0.00	20.31 0.24 0.00	17.67 0.27 0.00	15.24 0.24 0.00
BETHPAGE_CC_5 323564	22.22 1.64 0.00	17.94 1.40 -0.36	22.12 1.75 0.00	149.80 -1.24 -181.39	41.70 0.02 -41.40	31.91 0.27 -27.60	33.97 0.36 -28.13	25.31 1.29 -5.22	25.03 1.23 0.00	29.05 1.45 0.00	22.66 1.17 0.00	19.24 1.24 0.00	23.32 1.51 0.00	16.97 1.27 0.00	38.23 1.66 -15.72	22.14 1.44 -5.78	16.52 1.44 -0.33	19.97 1.55 0.00	23.90 1.79 0.00	23.22 1.87 0.00	24.74 2.07 0.00	21.64 1.57 -0.01	21.23 1.48 -2.35	16.41 1.32 -0.10
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.21 -1.37 0.00	15.16 -1.03 0.00	19.17 -1.20 0.00	-29.77 0.58 0.00	0.26 -0.01 0.00	3.89 -0.14 0.00	5.31 -0.18 0.00	17.77 -1.03 0.00	16.13 -1.49 6.17	22.36 -1.61 3.64	20.03 -1.34 0.13	16.36 -1.15 0.49	17.73 -1.26 2.82	14.25 -0.91 0.54	10.77 -1.28 8.80	5.89 -0.90 8.13	4.99 -0.94 8.82	13.67 -1.11 3.64	20.94 -1.16 0.00	20.59 -0.75 0.00	22.20 -0.47 0.00	19.61 -0.46 0.00	16.86 -0.54 0.00	14.57 -0.43 0.00
BINGHAMTON___COGEN 23790	20.47 -0.11 0.00	16.11 -0.08 0.00	20.35 -0.02 0.00	-30.62 -0.27 0.00	0.27 0.00 0.00	4.06 0.02 0.00	5.50 0.01 0.00	18.69 -0.10 0.00	23.42 -0.38 0.00	27.12 -0.49 0.00	21.12 -0.37 0.00	17.56 -0.33 0.11	21.47 -0.34 0.00	15.50 -0.20 0.00	20.55 -0.30 0.00	14.79 -0.13 0.00	14.25 -0.12 0.38	18.25 -0.17 0.00	21.91 -0.19 0.00	21.29 -0.06 0.00	22.73 0.06 0.00	20.05 -0.02 0.00	17.37 -0.03 0.00	14.98 -0.02 0.00

BIXINCNT_115KV_LOAD 355685	19.22 -1.36 0.00	15.22 -0.97 0.00	19.28 -1.09 0.00	-30.34 0.00 0.00	0.27 -0.01 0.00	3.90 -0.13 0.00	5.30 -0.18 0.00	17.82 -0.98 0.00	18.14 -1.60 4.07	23.53 -1.67 2.40	20.03 -1.37 0.09	16.35 -1.21 0.43	18.59 -1.36 1.85	14.29 -1.06 0.36	13.57 -1.48 5.79	8.51 -1.06 5.35	7.56 -1.01 6.19	14.88 -1.15 2.40	21.01 -1.10 0.00	20.73 -0.61 0.00	22.33 -0.34 0.00	19.61 -0.46 0.00	16.85 -0.55 0.00	14.58 -0.42 0.00
BLACK RIVER___HYD 24047	20.23 -0.35 0.00	15.75 -0.44 0.00	19.88 -0.50 0.00	-30.66 -0.32 0.00	0.27 0.00 0.00	4.08 0.04 0.00	5.55 0.06 0.00	18.98 0.18 0.00	24.01 0.21 0.00	27.57 -0.03 0.00	21.24 -0.25 0.00	17.73 -0.26 0.00	21.59 -0.22 0.00	15.56 -0.14 0.00	20.63 -0.22 0.00	14.56 -0.37 0.00	14.45 -0.30 0.00	18.38 -0.04 0.00	21.85 -0.26 0.00	20.93 -0.41 0.00	22.13 -0.54 0.00	19.55 -0.51 0.00	16.90 -0.50 0.00	14.71 -0.28 0.00
BLACKRVR_115KV_TB2 79977	20.23 -0.35 0.00	15.75 -0.44 0.00	19.88 -0.50 0.00	-30.66 -0.32 0.00	0.27 0.00 0.00	4.08 0.04 0.00	5.55 0.06 0.00	18.98 0.18 0.00	24.01 0.21 0.00	27.57 -0.03 0.00	21.24 -0.25 0.00	17.73 -0.26 0.00	21.59 -0.22 0.00	15.56 -0.14 0.00	20.63 -0.22 0.00	14.56 -0.37 0.00	14.45 -0.30 0.00	18.38 -0.04 0.00	21.85 -0.25 0.00	20.93 -0.41 0.00	22.13 -0.54 0.00	19.55 -0.51 0.00	16.90 -0.50 0.00	14.71 -0.28 0.00
BLDWN_LI_69_KV_BK4 356085	22.25 1.67 0.00	17.94 1.40 -0.36	22.11 1.74 0.00	149.94 -1.11 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.98 0.37 -28.13	25.33 1.31 -5.22	25.05 1.26 0.00	29.05 1.45 0.00	22.71 1.21 0.00	19.24 1.24 0.00	23.33 1.52 0.00	16.98 1.28 0.00	39.96 1.64 -17.47	22.77 1.43 -6.42	16.53 1.41 -0.37	19.97 1.55 0.00	23.88 1.78 0.00	23.20 1.86 0.00	24.72 2.05 0.00	21.64 1.57 -0.01	21.48 1.47 -2.61	16.41 1.30 -0.11
BLISS_WT_PWR 323608	19.12 -1.46 0.00	15.15 -1.03 0.00	19.21 -1.16 0.00	-30.38 -0.03 0.00	0.26 -0.01 0.00	3.88 -0.15 0.00	5.28 -0.21 0.00	17.75 -1.05 0.00	18.00 -1.73 4.07	23.40 -1.81 2.40	19.94 -1.47 0.09	16.27 -1.30 0.43	18.51 -1.45 1.85	14.20 -1.15 0.36	13.47 -1.59 5.79	8.42 -1.15 5.35	7.48 -1.08 6.19	14.80 -1.22 2.40	20.96 -1.15 0.00	20.70 -0.65 0.00	22.30 -0.37 0.00	19.55 -0.51 0.00	16.80 -0.60 0.00	14.53 -0.47 0.00
BLUESTONE___WT_PWR 323821	21.08 0.50 0.00	16.63 0.44 0.00	20.92 0.55 0.00	-31.86 -1.51 0.00	0.28 0.00 0.00	4.10 0.06 0.00	5.56 0.07 0.00	18.95 0.15 0.00	23.60 -0.19 0.00	26.91 -0.69 0.00	20.79 -0.70 0.00	17.69 -0.43 -0.12	20.97 -0.84 0.00	15.03 -0.67 0.00	19.86 -0.99 0.00	14.38 -0.54 0.00	14.73 -0.46 -0.44	17.83 -0.59 0.00	21.38 -0.73 0.00	20.82 -0.52 0.00	22.45 -0.22 0.00	19.87 -0.20 0.00	17.29 -0.10 0.00	14.84 -0.16 0.00
BLUE_CIRC_CHEM_DRP 24182	21.22 0.64 0.00	16.77 0.58 0.00	21.13 0.75 0.00	-31.43 -1.08 0.00	0.28 0.01 0.00	4.18 0.15 0.00	5.66 0.17 0.00	19.31 0.52 0.00	24.21 0.41 0.00	27.95 0.35 0.00	21.76 0.27 0.00	18.24 0.25 0.00	22.14 0.33 0.00	16.03 0.33 0.00	21.22 0.37 0.00	15.34 0.42 0.00	15.19 0.44 0.00	18.89 0.47 0.00	22.60 0.50 0.00	21.88 0.53 0.00	23.26 0.59 0.00	20.49 0.42 0.00	17.81 0.42 0.00	15.36 0.37 0.00
BOC_GAS_DRP 24189	21.12 0.54 0.00	16.67 0.48 0.00	21.01 0.63 0.00	-31.20 -0.86 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.63 0.14 0.00	19.22 0.42 0.00	24.08 0.28 0.00	27.82 0.21 0.00	21.68 0.19 0.00	18.21 0.21 0.00	22.13 0.32 0.00	16.03 0.33 0.00	21.20 0.35 0.00	15.33 0.40 0.00	15.15 0.41 0.00	18.84 0.42 0.00	22.54 0.43 0.00	21.81 0.46 0.00	23.19 0.52 0.00	20.42 0.36 0.00	17.75 0.36 0.00	15.32 0.32 0.00
BOONVILLE_115KV_TB1 79983	20.74 0.16 0.00	16.26 0.07 0.00	20.48 0.11 0.00	-31.03 -0.69 0.00	0.28 0.01 0.00	4.12 0.09 0.00	5.60 0.11 0.00	19.12 0.33 0.00	24.10 0.30 0.00	27.82 0.21 0.00	21.55 0.06 0.00	18.00 0.00 0.00	21.88 0.07 0.00	15.79 0.09 0.00	20.89 0.04 0.00	14.94 0.02 0.00	14.80 0.05 0.00	18.63 0.21 0.00	22.28 0.17 0.00	21.48 0.14 0.00	22.78 0.11 0.00	20.07 0.00 0.00	17.38 -0.01 0.00	15.06 0.06 0.00
BORALEX_4TH_BRANCH 23824	21.73 1.15 0.00	17.20 0.95 -0.06	21.63 1.26 0.00	-32.11 -1.76 0.00	0.29 0.02 0.00	4.27 0.24 0.00	5.79 0.30 0.00	19.80 1.00 0.00	24.72 0.92 0.00	28.44 0.84 0.00	22.09 0.59 0.00	18.52 0.52 0.00	22.63 0.82 0.00	16.44 0.74 0.00	21.72 0.87 0.00	15.73 0.80 0.00	15.56 0.81 0.00	19.36 0.94 0.00	23.16 1.05 0.00	22.39 1.04 0.00	23.79 1.12 0.00	20.92 0.86 0.00	18.22 0.82 0.00	15.70 0.70 0.00
BOWLINE___1 23526	21.73 1.15 0.00	16.66 0.89 0.42	21.46 1.09 0.00	-108.48 -1.27 76.87	-22.97 0.01 23.26	-11.27 0.20 15.51	-10.05 0.26 15.80	16.78 0.92 2.93	24.58 0.78 0.00	28.40 0.80 0.00	22.17 0.67 0.00	18.73 0.74 0.00	22.72 0.92 0.00	16.51 0.80 0.00	21.81 0.96 0.00	15.86 0.94 0.00	15.67 0.92 0.00	19.44 1.02 0.00	23.23 1.12 0.00	22.51 1.17 0.00	23.97 1.30 0.00	21.01 0.95 0.00	18.27 0.87 0.00	15.77 0.77 0.00
BOWLINE___2 23595	21.73 1.15 0.00	16.66 0.89 0.42	21.46 1.09 0.00	-108.52 -1.27 76.90	-22.98 0.01 23.27	-11.27 0.20 15.51	-10.05 0.26 15.81	16.78 0.92 2.94	24.58 0.78 0.00	28.40 0.80 0.00	22.17 0.67 0.00	18.73 0.74 0.00	22.73 0.92 0.00	16.51 0.81 0.00	21.81 0.96 0.00	15.86 0.94 0.00	15.67 0.92 0.00	19.44 1.02 0.00	23.23 1.12 0.00	22.51 1.17 0.00	23.97 1.30 0.00	21.01 0.95 0.00	18.27 0.87 0.00	15.77 0.77 0.00
BRADY___115KV_TB2 356060	20.41 -0.17 0.00	16.00 -0.18 0.00	20.12 -0.25 0.00	-30.02 0.33 0.00	0.27 0.00 0.00	3.98 -0.06 0.00	5.43 -0.06 0.00	18.69 -0.11 0.00	24.20 0.41 0.00	28.23 0.62 0.00	21.91 0.41 0.00	18.21 0.22 0.00	22.01 0.20 0.00	15.79 0.09 0.00	20.99 0.14 0.00	14.74 -0.18 0.00	14.55 -0.19 0.00	18.33 -0.09 0.00	22.09 -0.02 0.00	21.17 -0.17 0.00	22.34 -0.33 0.00	19.89 -0.17 0.00	17.16 -0.24 0.00	14.78 -0.22 0.00
BRANSCOMB___SOLAR 323811	21.71 1.13 0.00	17.11 0.92 0.00	21.58 1.21 0.00	-32.06 -1.72 0.00	0.29 0.02 0.00	4.27 0.24 0.00	5.79 0.30 0.00	19.82 1.03 0.00	24.81 1.02 0.00	28.67 1.07 0.00	22.27 0.78 0.00	18.69 0.69 0.00	22.77 0.96 0.00	16.44 0.73 0.00	21.72 0.87 0.00	15.72 0.80 0.00	15.55 0.79 0.00	19.33 0.92 0.00	23.15 1.04 0.00	22.40 1.05 0.00	23.81 1.13 0.00	20.97 0.91 0.00	18.22 0.82 0.00	15.71 0.71 0.00
BRDGHMPT_69_KV_BK1 55812	22.35 1.77 0.00	18.33 1.79 -0.36	22.71 2.34 0.00	149.77 -1.28 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.94 0.32 -28.13	25.25 1.23 -5.22	24.89 1.09 0.00	29.06 1.46 0.00	22.54 1.05 0.00	19.22 1.22 0.00	23.43 1.62 0.00	17.09 1.39 0.00	35.81 1.84 -13.13	21.38 1.63 -4.82	16.58 1.55 -0.28	20.12 1.70 0.00	24.16 2.06 0.00	23.49 2.15 0.00	25.04 2.37 0.00	21.84 1.77 -0.01	20.96 1.60 -1.96	16.47 1.39 -0.08

BRENTWOD_69_KV_W. BRTWOOD 56703	22.32 1.74 0.00	18.09 1.54 -0.36	22.33 1.96 0.00	149.74 -1.31 -181.39	41.70 0.02 -41.40	31.94 0.30 -27.60	34.00 0.39 -28.13	25.41 1.39 -5.22	25.14 1.34 0.00	29.18 1.58 0.00	22.76 1.27 0.00	19.35 1.36 0.00	23.43 1.62 0.00	17.06 1.36 0.00	36.06 1.78 -13.43	21.39 1.54 -4.94	16.58 1.54 -0.29	20.06 1.64 0.00	24.06 1.95 0.00	23.39 2.04 0.00	24.95 2.28 0.00	21.80 1.73 -0.01	21.03 1.62 -2.01	16.53 1.46 -0.08
BRISTLHL_115KV_TB1 79998	20.12 -0.46 0.00	15.85 -0.33 0.00	19.98 -0.40 0.00	-29.92 0.43 0.00	0.27 0.00 0.00	3.98 -0.06 0.00	5.40 -0.09 0.00	18.41 -0.38 0.00	23.13 -0.67 0.00	26.79 -0.82 0.00	20.88 -0.61 0.00	17.52 -0.47 0.00	21.29 -0.52 0.00	15.36 -0.35 0.00	20.35 -0.49 0.00	14.64 -0.29 0.00	14.47 -0.28 0.00	18.05 -0.37 0.00	21.64 -0.47 0.00	20.97 -0.38 0.00	22.33 -0.34 0.00	19.71 -0.35 0.00	17.07 -0.33 0.00	14.71 -0.29 0.00
BROOKHAVEN___DRP 24191	22.12 1.55 0.00	18.02 1.48 -0.36	22.30 1.93 0.00	150.01 -1.04 -181.39	41.70 0.02 -41.40	31.92 0.27 -27.60	33.96 0.34 -28.13	25.30 1.28 -5.22	24.95 1.15 0.00	29.02 1.42 0.00	22.52 1.04 0.00	19.23 1.23 0.00	23.37 1.56 0.00	17.00 1.30 0.00	35.65 1.68 -13.12	21.24 1.49 -4.82	16.51 1.48 -0.28	20.02 1.60 0.00	23.99 1.89 0.00	23.32 1.98 0.00	24.88 2.21 0.00	21.73 1.66 -0.01	20.92 1.57 -1.96	16.47 1.39 -0.08
BROOKLYN_NAVY_YARD 23515	22.02 1.44 0.00	17.69 1.15 -0.36	21.75 1.40 0.02	111.94 -1.59 -143.87	41.92 0.02 -41.63	32.03 0.24 -27.75	34.08 0.32 -28.28	25.23 1.18 -5.25	24.92 1.12 0.00	28.78 1.18 0.01	22.50 1.01 0.00	18.98 0.99 0.01	23.03 1.22 0.01	16.77 1.07 0.01	22.11 1.27 0.01	16.12 1.20 0.00	15.90 1.16 0.01	19.70 1.28 0.01	23.48 1.39 0.02	22.77 1.43 0.01	24.23 1.57 0.02	21.23 1.19 0.02	18.49 1.11 0.02	15.96 0.98 0.02
BROOKLYN___ARMY_DRP 323595	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
BROOME_2_LFGE 323671	20.47 -0.11 0.00	16.11 -0.08 0.00	20.35 -0.02 0.00	-30.60 -0.25 0.00	0.27 0.00 0.00	4.06 0.02 0.00	5.50 0.01 0.00	18.69 -0.10 0.00	23.41 -0.39 0.00	27.11 -0.49 0.00	21.12 -0.37 0.00	17.55 -0.33 0.11	21.47 -0.34 0.00	15.50 -0.20 0.00	20.54 -0.31 0.00	14.79 -0.13 0.00	14.24 -0.12 0.38	18.24 -0.18 0.00	21.92 -0.19 0.00	21.29 -0.06 0.00	22.73 0.06 0.00	20.05 -0.02 0.00	17.37 -0.03 0.00	14.98 -0.02 0.00
BROOME___LFGE 323600	20.47 -0.11 0.00	16.11 -0.08 0.00	20.35 -0.02 0.00	-30.60 -0.25 0.00	0.27 0.00 0.00	4.06 0.02 0.00	5.50 0.01 0.00	18.69 -0.10 0.00	23.41 -0.39 0.00	27.11 -0.49 0.00	21.12 -0.37 0.00	17.55 -0.33 0.11	21.47 -0.34 0.00	15.50 -0.20 0.00	20.54 -0.31 0.00	14.79 -0.13 0.00	14.24 -0.12 0.38	18.24 -0.18 0.00	21.92 -0.19 0.00	21.29 -0.06 0.00	22.73 0.06 0.00	20.05 -0.02 0.00	17.37 -0.03 0.00	14.98 -0.02 0.00
BROWNFLS_115KV_TB_3_5 80003	19.96 -0.62 0.00	15.60 -0.59 0.00	19.63 -0.74 0.00	-29.81 0.54 0.00	0.27 0.00 0.00	3.95 -0.08 0.00	5.39 -0.10 0.00	18.49 -0.31 0.00	23.67 -0.12 0.00	27.41 -0.19 0.00	21.17 -0.32 0.00	17.63 -0.37 0.00	21.35 -0.46 0.00	15.34 -0.36 0.00	20.36 -0.49 0.00	14.33 -0.60 0.00	14.18 -0.57 0.00	17.96 -0.46 0.00	21.51 -0.60 0.00	20.61 -0.74 0.00	21.72 -0.95 0.00	19.24 -0.83 0.00	16.63 -0.77 0.00	14.42 -0.58 0.00
BROWNSV1_27_KV_LOAD 356125	22.26 1.68 0.00	17.87 1.33 -0.36	22.01 1.64 0.00	150.18 -1.93 -182.45	41.94 0.02 -41.65	32.09 0.29 -27.76	34.16 0.38 -28.29	25.43 1.38 -5.25	25.20 1.40 0.00	29.12 1.51 0.00	22.76 1.27 0.00	19.20 1.21 0.00	23.30 1.49 0.00	16.97 1.27 0.00	22.38 1.53 0.00	16.30 1.37 0.00	16.09 1.34 0.00	19.93 1.51 0.00	23.77 1.66 0.00	23.05 1.71 0.00	24.54 1.86 0.00	21.51 1.44 0.00	18.72 1.32 0.00	16.16 1.16 0.00
BURROWS___LYONSDAL 23803	20.59 0.01 0.00	16.10 -0.08 0.00	20.29 -0.08 0.00	-30.92 -0.57 0.00	0.28 0.00 0.00	4.10 0.07 0.00	5.58 0.09 0.00	19.05 0.26 0.00	24.03 0.24 0.00	27.71 0.11 0.00	21.41 -0.08 0.00	17.86 -0.13 0.00	21.72 -0.09 0.00	15.67 -0.03 0.00	20.73 -0.12 0.00	14.79 -0.14 0.00	14.65 -0.10 0.00	18.51 0.09 0.00	22.10 0.00 0.00	21.28 -0.07 0.00	22.52 -0.15 0.00	19.84 -0.22 0.00	17.19 -0.21 0.00	14.93 -0.07 0.00
CAITHNESS_CC_1 323624	22.11 1.54 0.00	17.99 1.45 -0.36	22.26 1.88 0.00	150.02 -1.03 -181.39	41.70 0.02 -41.40	31.91 0.27 -27.60	33.95 0.34 -28.13	25.28 1.26 -5.22	24.92 1.12 0.00	28.98 1.38 0.00	22.52 1.04 0.00	19.22 1.22 0.00	23.33 1.52 0.00	16.97 1.27 0.00	35.61 1.65 -13.11	21.20 1.46 -4.82	16.48 1.45 -0.28	19.98 1.56 0.00	23.93 1.83 0.00	23.27 1.93 0.00	24.82 2.15 0.00	21.69 1.62 -0.01	20.88 1.53 -1.96	16.44 1.36 -0.08
CALPINE BETH_PAGE_GT4 24209	22.21 1.63 0.00	17.92 1.38 -0.36	22.09 1.72 0.00	149.84 -1.21 -181.39	41.70 0.02 -41.40	31.92 0.27 -27.60	33.97 0.35 -28.13	25.30 1.28 -5.22	25.02 1.22 0.00	29.03 1.43 0.00	22.64 1.15 0.00	19.22 1.23 0.00	23.31 1.50 0.00	16.96 1.26 0.00	39.21 1.64 -16.72	22.50 1.42 -6.14	16.52 1.42 -0.36	19.96 1.54 0.00	23.88 1.77 0.00	23.19 1.84 0.00	24.71 2.04 0.00	21.62 1.55 -0.01	21.35 1.46 -2.50	16.40 1.30 -0.10
CALPINE_BETH_PAGE_GT_4 323586	22.21 1.63 0.00	17.92 1.38 -0.36	22.09 1.72 0.00	149.82 -1.22 -181.39	41.70 0.02 -41.40	31.91 0.27 -27.60	33.97 0.35 -28.13	25.30 1.28 -5.22	25.02 1.22 0.00	29.03 1.43 0.00	22.64 1.15 0.00	19.22 1.22 0.00	23.30 1.49 0.00	16.96 1.26 0.00	39.21 1.64 -16.72	22.49 1.42 -6.14	16.52 1.42 -0.36	19.96 1.54 0.00	23.88 1.77 0.00	23.19 1.84 0.00	24.71 2.04 0.00	21.62 1.55 -0.01	21.35 1.46 -2.50	16.40 1.30 -0.10
CALPINE_BP_GT1 23823	22.21 1.63 0.00	17.92 1.38 -0.36	22.09 1.72 0.00	149.82 -1.22 -181.39	41.70 0.02 -41.40	31.91 0.27 -27.60	33.97 0.35 -28.13	25.30 1.28 -5.22	25.02 1.22 0.00	29.03 1.43 0.00	22.64 1.15 0.00	19.22 1.22 0.00	23.30 1.49 0.00	16.96 1.26 0.00	39.21 1.64 -16.72	22.49 1.42 -6.14	16.52 1.42 -0.36	19.96 1.54 0.00	23.88 1.77 0.00	23.19 1.84 0.00	24.71 2.04 0.00	21.62 1.55 -0.01	21.35 1.46 -2.50	16.40 1.30 -0.10
CALSPAN___DRP 24200	19.14 -1.44 0.00	15.10 -1.08 0.00	19.11 -1.26 0.00	-29.64 0.70 0.00	0.26 -0.01 0.00	3.88 -0.15 0.00	5.29 -0.20 0.00	17.71 -1.09 0.00	15.67 -1.56 6.56	22.04 -1.69 3.87	19.95 -1.40 0.14	16.28 -1.21 0.50	17.49 -1.33 2.99	14.17 -0.96 0.57	10.15 -1.35 9.35	5.33 -0.95 8.64	4.46 -0.99 9.30	13.38 -1.18 3.86	20.87 -1.24 0.00	20.51 -0.83 0.00	22.12 -0.55 0.00	19.55 -0.52 0.00	16.81 -0.59 0.00	14.53 -0.47 0.00

CALVERTON___SOLAR 323806	22.14 1.57 0.00	18.06 1.52 -0.36	22.36 1.99 0.00	149.93 -1.11 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.97 0.35 -28.13	25.32 1.30 -5.22	24.96 1.16 0.00	29.05 1.45 0.00	22.53 1.04 0.00	19.24 1.25 0.00	23.40 1.59 0.00	17.03 1.33 0.00	35.69 1.72 -13.12	21.27 1.52 -4.82	16.54 1.51 -0.28	20.06 1.63 0.00	24.04 1.94 0.00	23.39 2.04 0.00	24.94 2.27 0.00	21.79 1.72 -0.01	20.96 1.60 -1.96	16.49 1.42 -0.08
CANDIGU_WT_PWR 323617	19.41 -1.16 0.01	15.34 -0.84 0.00	19.44 -0.93 0.00	-30.19 0.15 0.00	0.26 -0.01 0.00	3.90 -0.13 0.00	5.26 -0.22 0.00	17.71 -1.09 0.00	-20.01 -1.75 42.06	0.72 -2.09 24.79	18.98 -1.60 0.91	14.46 -1.41 2.12	0.99 -1.65 19.17	10.86 -1.15 3.69	-40.60 -1.52 59.92	-41.53 -1.05 55.40	-42.17 -1.07 55.85	-7.62 -1.26 24.78	20.78 -1.33 0.00	20.39 -0.95 0.00	21.79 -0.88 0.00	19.26 -0.81 0.00	16.64 -0.75 0.00	14.41 -0.59 0.00
CARR STREET_E_SYR 24060	20.35 -0.22 0.00	16.03 -0.16 0.00	20.21 -0.16 0.00	-30.29 0.05 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.47 -0.02 0.00	18.61 -0.19 0.00	23.37 -0.43 0.00	27.05 -0.55 0.00	21.10 -0.39 0.00	17.69 -0.31 0.00	21.49 -0.33 0.00	15.51 -0.19 0.00	20.54 -0.31 0.00	14.78 -0.14 0.00	14.61 -0.14 0.00	18.22 -0.19 0.00	21.86 -0.25 0.00	21.20 -0.15 0.00	22.59 -0.08 0.00	19.94 -0.12 0.00	17.26 -0.13 0.00	14.88 -0.12 0.00
CARTHAGE___PAPER 23857	20.31 -0.26 0.00	15.82 -0.36 0.00	19.95 -0.42 0.00	-30.71 -0.37 0.00	0.27 0.00 0.00	4.08 0.05 0.00	5.55 0.07 0.00	19.00 0.20 0.00	24.10 0.30 0.00	27.72 0.12 0.00	21.35 -0.15 0.00	17.79 -0.21 0.00	21.63 -0.18 0.00	15.58 -0.12 0.00	20.65 -0.20 0.00	14.57 -0.36 0.00	14.45 -0.30 0.00	18.40 -0.02 0.00	21.91 -0.19 0.00	20.99 -0.36 0.00	22.16 -0.51 0.00	19.58 -0.48 0.00	16.92 -0.47 0.00	14.73 -0.27 0.00
CASSADAGA_WT_PWR 323784	19.13 -1.45 0.00	15.14 -1.05 0.00	19.34 -1.04 0.00	-30.45 -0.11 0.00	0.27 0.00 0.00	3.93 -0.11 0.00	5.35 -0.14 0.00	18.04 -0.76 4.09	18.38 -1.32 2.41	23.81 -1.38 2.41	20.37 -1.04 0.09	16.62 -0.95 0.43	18.89 -1.06 1.87	14.40 -0.94 0.36	13.62 -1.39 5.83	8.69 -0.85 5.39	7.70 -0.85 6.20	15.00 -1.01 2.41	21.09 -1.01 0.00	20.55 -0.79 0.00	22.38 -0.29 0.00	19.68 -0.39 0.00	16.95 -0.45 0.00	14.58 -0.42 0.00
CE_DUNWOOD___DRP 24194	21.96 1.38 0.00	17.66 1.10 -0.37	21.74 1.37 0.00	161.41 -1.58 -193.33	44.89 0.02 -44.60	34.01 0.24 -29.73	36.10 0.31 -30.30	25.54 1.12 -5.63	24.86 1.06 0.00	28.73 1.13 0.00	22.45 0.95 0.00	18.94 0.95 0.00	22.99 1.19 0.00	16.73 1.03 0.00	22.09 1.24 0.00	16.07 1.14 0.00	15.87 1.12 0.00	19.66 1.23 0.00	23.45 1.35 0.00	22.74 1.39 0.00	24.20 1.53 0.00	21.22 1.16 0.00	18.48 1.08 0.00	15.96 0.95 0.00
CE_MILLWOOD___DRP 24193	21.92 1.34 0.00	17.64 1.06 -0.39	21.69 1.32 0.00	316.90 -1.52 -348.76	114.47 0.02 -114.18	80.39 0.23 -76.12	83.36 0.30 -77.57	34.28 1.08 -14.40	24.81 1.02 0.00	28.67 1.07 0.00	22.40 0.90 0.00	18.90 0.91 0.00	22.95 1.14 0.00	16.69 0.99 0.00	22.04 1.19 0.00	16.03 1.10 0.00	15.83 1.08 0.00	19.61 1.19 0.00	23.41 1.30 0.00	22.69 1.34 0.00	24.15 1.48 0.00	21.18 1.12 0.00	18.43 1.04 0.00	15.92 0.92 0.00
CE_NYC2_DRP 24202	22.13 1.56 0.00	17.78 1.24 -0.36	21.85 1.48 0.00	150.17 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.34 -28.25	25.32 1.27 -5.25	25.00 1.20 0.00	28.89 1.29 0.00	22.60 1.11 0.00	19.08 1.09 0.00	23.13 1.33 0.00	16.86 1.16 0.00	22.23 1.38 0.00	16.19 1.26 0.00	15.99 1.24 0.00	19.78 1.36 0.00	23.59 1.49 0.00	22.88 1.53 0.00	24.35 1.68 0.00	21.33 1.27 0.00	18.59 1.19 0.00	16.06 1.06 0.00
CE_NYC_DRP 24195	22.10 1.52 0.00	17.76 1.21 -0.36	21.87 1.50 0.00	150.45 -1.72 -182.51	41.95 0.02 -41.66	32.07 0.26 -27.78	34.13 0.34 -28.30	25.30 1.25 -5.25	25.02 1.23 0.00	28.92 1.32 0.00	22.59 1.10 0.00	19.07 1.08 0.00	23.13 1.32 0.00	16.85 1.15 0.00	22.21 1.37 0.00	16.18 1.25 0.00	15.98 1.23 0.00	19.78 1.37 0.00	23.58 1.48 0.00	22.88 1.53 0.00	24.34 1.67 0.00	21.34 1.27 0.00	18.58 1.18 0.00	16.05 1.05 0.00
CHAFFEE___LFGE 323603	19.26 -1.32 0.00	15.20 -0.99 0.00	19.23 -1.14 0.00	-29.84 0.51 0.00	0.27 -0.01 0.00	3.91 -0.13 0.00	5.32 -0.17 0.00	17.82 -0.98 0.00	17.11 -1.39 5.30	22.99 -1.49 3.12	20.13 -1.25 0.11	16.44 -1.09 0.47	18.23 -1.17 2.42	14.40 -0.83 0.46	12.13 -1.17 7.55	7.12 -0.83 6.98	6.15 -0.87 7.73	14.28 -1.02 3.12	21.05 -1.06 0.00	20.68 -0.67 0.00	22.29 -0.39 0.00	19.68 -0.39 0.00	16.91 -0.48 0.00	14.61 -0.38 0.00
CHATEAUG_35_KV_LOAD 355732	20.48 -0.10 0.00	16.07 -0.12 0.00	20.23 -0.14 0.00	-30.10 0.25 0.00	0.27 0.00 0.00	3.98 -0.05 0.00	5.44 -0.05 0.00	18.70 -0.09 0.00	24.06 0.27 0.00	28.09 0.48 0.00	21.78 0.29 0.00	18.03 0.03 0.00	21.78 -0.03 0.00	15.64 -0.06 0.00	20.75 -0.10 0.00	14.55 -0.37 0.00	14.32 -0.43 0.00	17.96 -0.46 0.00	21.56 -0.55 0.00	20.75 -0.60 0.00	21.89 -0.79 0.00	19.48 -0.58 0.00	16.83 -0.57 0.00	14.47 -0.53 0.00
CHATEAUG_WT_PWR 323614	20.48 -0.10 0.00	16.08 -0.11 0.00	20.23 -0.14 0.00	-30.12 0.22 0.00	0.27 0.00 0.00	3.98 -0.05 0.00	5.44 -0.05 0.00	18.71 -0.09 0.00	24.04 0.25 0.00	28.05 0.45 0.00	21.75 0.26 0.00	18.02 0.03 0.00	21.76 -0.05 0.00	15.64 -0.06 0.00	20.74 -0.11 0.00	14.56 -0.37 0.00	14.32 -0.43 0.00	17.93 -0.49 0.00	21.51 -0.60 0.00	20.73 -0.62 0.00	21.89 -0.79 0.00	19.46 -0.60 0.00	16.83 -0.56 0.00	14.47 -0.53 0.00
CHAT_HIGH_FALL_HYD 323578	20.48 -0.10 0.00	16.07 -0.12 0.00	20.23 -0.14 0.00	-30.10 0.25 0.00	0.27 0.00 0.00	3.98 -0.05 0.00	5.44 -0.05 0.00	18.70 -0.09 0.00	24.06 0.27 0.00	28.09 0.48 0.00	21.78 0.29 0.00	18.03 0.03 0.00	21.78 -0.03 0.00	15.64 -0.06 0.00	20.75 -0.10 0.00	14.55 -0.37 0.00	14.32 -0.43 0.00	17.96 -0.46 0.00	21.56 -0.55 0.00	20.75 -0.60 0.00	21.89 -0.79 0.00	19.48 -0.58 0.00	16.83 -0.57 0.00	14.47 -0.53 0.00
CHAUTAUQUA___LFGE 323629	19.19 -1.39 0.00	15.16 -1.03 0.00	19.27 -1.09 0.00	-30.10 0.25 0.00	0.27 0.00 0.00	3.91 -0.12 0.00	5.33 -0.16 0.00	17.92 -0.87 0.00	17.31 -1.42 5.06	23.12 -1.49 2.99	20.19 -1.19 0.11	16.47 -1.08 0.45	18.34 -1.16 2.31	14.35 -0.90 0.45	12.31 -1.33 7.21	7.37 -0.88 6.67	6.44 -0.90 7.41	14.37 -1.07 2.98	21.04 -1.07 0.00	20.59 -0.75 0.00	22.29 -0.38 0.00	19.64 -0.43 0.00	16.90 -0.50 0.00	14.56 -0.44 0.00
CHERRYST_13_KV_LD 356241	22.15 1.58 0.00	17.80 1.25 -0.36	21.92 1.55 0.00	150.36 -1.80 -182.51	41.94 0.02 -41.66	32.08 0.27 -27.77	34.14 0.36 -28.30	25.35 1.30 -5.25	25.09 1.29 0.00	29.00 1.40 0.00	22.66 1.16 0.00	19.12 1.13 0.00	23.19 1.39 0.00	16.89 1.19 0.00	22.28 1.43 0.00	16.22 1.29 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.65 1.54 0.00	22.94 1.59 0.00	24.41 1.73 0.00	21.39 1.33 0.00	18.62 1.23 0.00	16.09 1.09 0.00

CHESTROR_138KV_BK263 355645	21.62 1.05 0.00	16.72 0.82 0.29	21.38 1.02 0.00	-83.15 -1.20 51.60	-15.55 0.01 15.83	-6.33 0.19 10.56	-5.02 0.25 10.76	17.64 0.84 2.00	24.52 0.72 0.00	28.34 0.74 0.00	22.12 0.62 0.00	18.65 0.65 0.00	22.63 0.82 0.00	16.43 0.73 0.00	21.72 0.87 0.00	15.77 0.85 0.00	15.58 0.83 0.00	19.34 0.92 0.00	23.12 1.01 0.00	22.40 1.05 0.00	23.85 1.18 0.00	20.93 0.87 0.00	18.20 0.80 0.00	15.70 0.70 0.00
CH_MIDHUDSON___DRP 24192	21.88 1.30 0.00	17.22 1.03 0.00	21.66 1.29 0.00	-25.31 -1.57 -6.60	0.29 0.02 0.00	4.27 0.23 0.00	5.79 0.31 0.00	19.87 1.08 0.00	24.81 1.01 0.00	28.65 1.05 0.00	22.39 0.89 0.00	18.87 0.87 0.00	22.92 1.11 0.00	16.67 0.97 0.00	22.01 1.16 0.00	15.99 1.07 0.00	15.79 1.04 0.00	19.58 1.16 0.00	23.39 1.28 0.00	22.66 1.31 0.00	24.11 1.44 0.00	21.16 1.10 0.00	18.41 1.02 0.00	15.88 0.88 0.00
CH_MISC_IPPS 23765	21.96 1.38 0.00	17.28 1.09 0.00	21.72 1.35 0.00	-26.31 -1.67 -5.70	0.29 0.02 0.00	4.28 0.25 0.00	5.82 0.33 0.00	19.94 1.15 0.00	24.90 1.10 0.00	28.78 1.18 0.00	22.47 0.98 0.00	18.95 0.95 0.00	23.01 1.20 0.00	16.72 1.02 0.00	22.09 1.24 0.00	16.05 1.12 0.00	15.85 1.10 0.00	19.67 1.24 0.00	23.50 1.39 0.00	22.77 1.42 0.00	24.23 1.56 0.00	21.26 1.20 0.00	18.49 1.09 0.00	15.94 0.94 0.00
CH_RES_BVR_FALLS 23983	20.38 -0.20 0.00	16.02 -0.17 0.00	20.18 -0.19 0.00	-30.24 0.11 0.00	0.27 0.00 0.00	4.02 -0.02 0.00	5.46 -0.03 0.00	18.71 -0.09 0.00	23.73 -0.07 0.00	27.51 -0.09 0.00	21.37 -0.12 0.00	17.82 -0.17 0.00	21.60 -0.21 0.00	15.56 -0.14 0.00	20.63 -0.21 0.00	14.70 -0.23 0.00	14.50 -0.24 0.00	18.21 -0.21 0.00	21.86 -0.25 0.00	21.08 -0.26 0.00	22.32 -0.35 0.00	19.74 -0.32 0.00	17.11 -0.29 0.00	14.79 -0.21 0.00
CH_RES_NIAGARA 23895	18.57 -2.00 0.00	14.66 -1.53 0.00	18.51 -1.86 0.00	-28.66 1.68 0.00	0.26 -0.01 0.00	3.79 -0.24 0.00	5.18 -0.31 0.00	17.28 -1.51 0.00	16.48 -2.09 5.23	22.24 -2.27 3.08	19.49 -1.89 0.11	15.99 -1.59 0.41	17.62 -1.81 2.38	13.98 -1.27 0.46	11.62 -1.78 7.44	6.76 -1.28 6.88	5.95 -1.34 7.46	13.76 -1.59 3.08	20.37 -1.74 0.00	20.05 -1.30 0.00	21.62 -1.06 0.00	19.11 -0.95 0.00	16.43 -0.96 0.00	14.23 -0.77 0.00
CH_RES_SYRACUSE 23985	20.38 -0.19 0.00	16.06 -0.13 0.00	20.24 -0.13 0.00	-30.34 0.00 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.47 -0.02 0.00	18.65 -0.15 0.00	23.44 -0.35 0.00	27.15 -0.45 0.00	21.17 -0.32 0.00	17.74 -0.26 0.00	21.54 -0.27 0.00	15.55 -0.15 0.00	20.59 -0.26 0.00	14.82 -0.10 0.00	14.64 -0.11 0.00	18.27 -0.15 0.00	21.90 -0.21 0.00	21.24 -0.11 0.00	22.62 -0.06 0.00	19.98 -0.08 0.00	17.30 -0.10 0.00	14.90 -0.10 0.00
CLINTON_WT_PWR 323605	20.48 -0.10 0.00	16.08 -0.11 0.00	20.23 -0.14 0.00	-30.12 0.22 0.00	0.27 0.00 0.00	3.98 -0.05 0.00	5.44 -0.05 0.00	18.71 -0.09 0.00	24.04 0.25 0.00	28.05 0.45 0.00	21.75 0.26 0.00	18.02 0.03 0.00	21.76 -0.05 0.00	15.64 -0.06 0.00	20.74 -0.11 0.00	14.56 -0.37 0.00	14.32 -0.43 0.00	17.93 -0.49 0.00	21.51 -0.60 0.00	20.73 -0.62 0.00	21.89 -0.79 0.00	19.46 -0.60 0.00	16.83 -0.56 0.00	14.47 -0.53 0.00
CLINTON___LFGE 323618	20.72 0.13 0.00	16.27 0.08 0.00	20.48 0.10 0.00	-30.45 -0.10 0.00	0.27 0.00 0.00	4.02 -0.01 0.00	5.49 0.00 0.00	18.92 0.13 0.00	24.29 0.49 0.00	28.38 0.78 0.00	22.02 0.53 0.00	18.26 0.27 0.00	22.05 0.23 0.00	15.85 0.15 0.00	20.99 0.14 0.00	14.75 -0.17 0.00	14.50 -0.25 0.00	18.13 -0.29 0.00	21.77 -0.34 0.00	20.97 -0.37 0.00	22.16 -0.51 0.00	19.67 -0.39 0.00	17.03 -0.37 0.00	14.61 -0.38 0.00
COBBLENY_34_KV_TB1 80064	19.26 -1.32 0.00	15.20 -0.99 0.00	19.22 -1.15 0.00	-29.80 0.55 0.00	0.27 -0.01 0.00	3.90 -0.13 0.00	5.32 -0.17 0.00	17.81 -0.98 0.00	17.10 -1.40 5.30	22.97 -1.50 3.12	20.12 -1.25 0.11	16.45 -1.08 0.47	18.22 -1.17 2.42	14.40 -0.83 0.46	12.11 -1.19 7.55	7.11 -0.83 6.98	6.14 -0.88 7.73	14.27 -1.03 3.12	21.04 -1.07 0.00	20.68 -0.67 0.00	22.29 -0.39 0.00	19.68 -0.39 0.00	16.91 -0.49 0.00	14.61 -0.38 0.00
COFFEEN___115KV_TB3 355620	20.32 -0.26 0.00	15.83 -0.36 0.00	19.98 -0.39 0.00	-30.78 -0.44 0.00	0.27 0.00 0.00	4.09 0.06 0.00	5.57 0.08 0.00	19.05 0.25 0.00	24.11 0.31 0.00	27.71 0.11 0.00	21.36 -0.14 0.00	17.84 -0.15 0.00	21.72 -0.08 0.00	15.66 -0.04 0.00	20.77 -0.08 0.00	14.65 -0.27 0.00	14.55 -0.20 0.00	18.48 0.06 0.00	21.99 -0.11 0.00	21.07 -0.28 0.00	22.30 -0.38 0.00	19.70 -0.36 0.00	17.02 -0.38 0.00	14.80 -0.20 0.00
COLDSPRG_115KV_BK1 355956	19.68 -0.90 0.00	15.55 -0.64 0.00	19.77 -0.60 0.00	-30.86 -0.52 0.00	0.27 0.00 0.00	4.01 -0.02 0.00	5.46 -0.03 0.00	18.40 -0.40 0.00	20.45 -0.78 2.56	25.30 -0.79 1.51	20.76 -0.68 0.06	16.95 -0.66 0.39	19.92 -0.72 1.17	14.90 -0.58 0.23	16.34 -0.86 3.65	11.01 -0.54 3.38	9.90 -0.54 4.30	16.27 -0.64 1.51	21.53 -0.58 0.00	21.07 -0.27 0.00	22.78 0.11 0.00	20.06 0.00 0.00	17.26 -0.14 0.00	14.91 -0.09 0.00
COLONIE_LFGE___ 323577	21.42 0.84 0.00	16.95 0.71 -0.06	21.30 0.94 0.00	-31.63 -1.29 0.00	0.28 0.01 0.00	4.22 0.18 0.00	5.71 0.22 0.00	19.53 0.74 0.00	24.44 0.64 0.00	28.19 0.59 0.00	21.93 0.45 0.00	18.40 0.41 0.00	22.42 0.61 0.00	16.24 0.53 0.00	21.45 0.60 0.00	15.53 0.60 0.00	15.35 0.60 0.00	19.09 0.67 0.00	22.84 0.74 0.00	22.09 0.75 0.00	23.48 0.81 0.00	20.67 0.61 0.00	17.98 0.59 0.00	15.50 0.50 0.00
COOPERNY_115KV_TB1 80082	21.31 0.73 0.00	16.63 0.57 0.13	21.09 0.72 0.00	-53.61 -0.89 22.38	-6.76 0.01 7.04	-0.52 0.14 4.69	0.88 0.17 4.78	18.49 0.58 0.89	24.25 0.46 0.00	28.06 0.46 0.00	21.88 0.38 0.00	18.42 0.43 0.00	22.35 0.55 0.00	16.20 0.50 0.00	21.43 0.58 0.00	15.51 0.59 0.00	15.33 0.58 0.00	19.06 0.63 0.00	22.80 0.69 0.00	22.09 0.74 0.00	23.51 0.84 0.00	20.67 0.61 0.00	17.96 0.56 0.00	15.50 0.50 0.00
COPENHAGEN_WT_PWR 323753	20.07 -0.51 0.00	15.60 -0.59 0.00	19.70 -0.67 0.00	-30.55 -0.20 0.00	0.27 0.00 0.00	4.06 0.03 0.00	5.53 0.05 0.00	18.90 0.10 0.00	23.87 0.08 0.00	27.37 -0.24 0.00	21.05 -0.44 0.00	17.57 -0.43 0.00	21.41 -0.40 0.00	15.42 -0.28 0.00	20.45 -0.40 0.00	14.42 -0.51 0.00	14.31 -0.44 0.00	18.23 -0.19 0.00	21.63 -0.48 0.00	20.70 -0.64 0.00	21.85 -0.82 0.00	19.30 -0.76 0.00	16.71 -0.69 0.00	14.58 -0.42 0.00
CORNELL_____ 23752	20.71 0.13 0.00	16.30 0.11 0.00	20.56 0.19 0.00	-30.92 -0.58 0.00	0.27 0.00 0.00	4.09 0.06 0.00	5.56 0.07 0.00	18.91 0.12 0.00	26.10 -0.05 -2.36	28.89 -0.11 -1.40	21.47 -0.07 -0.05	19.14 -0.07 -1.21	22.82 -0.07 -1.08	15.89 -0.02 -0.21	24.10 -0.08 -3.33	18.07 0.05 -3.10	21.69 0.07 -6.88	19.88 0.07 -1.39	22.20 0.09 0.00	21.58 0.23 0.00	23.02 0.35 0.00	20.32 0.26 0.00	17.58 0.18 0.00	15.13 0.14 0.00

CORONA_69_KV_TB1 355595	22.25 1.66 0.00	17.93 1.39 -0.36	22.09 1.72 0.00	149.76 -1.28 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.99 0.37 -28.13	25.34 1.32 -5.22	25.07 1.27 0.00	29.03 1.43 0.00	22.70 1.19 -0.01	19.21 1.21 0.00	23.30 1.49 0.00	16.96 1.26 0.00	46.11 1.60 -23.66	25.00 1.39 -8.69	16.63 1.38 -0.50	19.93 1.51 0.00	23.84 1.73 0.00	23.17 1.83 0.00	24.68 2.00 0.00	21.61 1.53 -0.01	22.37 1.44 -3.53	16.42 1.28 -0.15
CORTLAND_115KV_TB3 80093	20.65 0.07 0.00	16.25 0.06 0.00	20.50 0.13 0.00	-30.77 -0.43 0.00	0.27 0.00 0.00	4.08 0.05 0.00	5.54 0.05 0.00	18.86 0.07 0.00	23.67 -0.13 0.00	27.40 -0.20 0.00	21.36 -0.13 0.00	18.18 -0.11 -0.30	21.71 -0.09 0.00	15.67 -0.03 0.00	20.75 -0.10 0.00	14.95 0.02 0.00	15.84 0.04 -1.05	18.46 0.03 0.00	22.15 0.04 0.00	21.49 0.15 0.00	22.92 0.25 0.00	20.21 0.14 0.00	17.50 0.10 0.00	15.08 0.09 0.00
COXSACKIE___GT 23611	21.84 1.26 0.00	17.23 1.05 0.00	21.69 1.31 0.00	-32.29 -1.94 0.00	0.29 0.02 0.00	4.29 0.26 0.00	5.82 0.33 0.00	19.93 1.14 0.00	25.06 1.27 0.00	28.98 1.38 0.00	22.56 1.07 0.00	18.82 0.82 0.00	22.80 0.99 0.00	16.42 0.72 0.00	21.78 0.93 0.00	15.79 0.87 0.00	15.69 0.94 0.00	19.58 1.16 0.00	23.43 1.32 0.00	22.65 1.31 0.00	24.11 1.44 0.00	21.21 1.15 0.00	18.39 0.99 0.00	15.82 0.82 0.00
CPV_VALLEY___CC1 323721	21.45 0.88 0.00	16.68 0.69 0.19	21.23 0.86 0.00	-63.79 -1.03 32.41	-9.86 0.01 10.14	-2.56 0.16 6.76	-1.19 0.21 6.89	18.22 0.70 1.28	24.35 0.55 0.00	28.14 0.54 0.00	21.96 0.47 0.00	18.52 0.52 0.00	22.48 0.67 0.00	16.31 0.61 0.00	21.56 0.71 0.00	15.65 0.72 0.00	15.45 0.70 0.00	19.19 0.77 0.00	22.94 0.83 0.00	22.23 0.88 0.00	23.66 0.99 0.00	20.77 0.71 0.00	18.05 0.66 0.00	15.58 0.58 0.00
CPV_VALLEY___CC2 323722	21.45 0.88 0.00	16.68 0.69 0.19	21.23 0.86 0.00	-63.79 -1.03 32.41	-9.86 0.01 10.14	-2.56 0.16 6.76	-1.19 0.21 6.89	18.22 0.70 1.28	24.35 0.55 0.00	28.14 0.54 0.00	21.96 0.47 0.00	18.52 0.52 0.00	22.48 0.67 0.00	16.31 0.61 0.00	21.56 0.71 0.00	15.65 0.72 0.00	15.45 0.70 0.00	19.19 0.77 0.00	22.94 0.83 0.00	22.23 0.88 0.00	23.66 0.99 0.00	20.77 0.71 0.00	18.05 0.66 0.00	15.58 0.58 0.00
CRESCENT___HYD 24018	21.42 0.84 0.00	16.95 0.71 -0.06	21.30 0.94 0.00	-31.63 -1.29 0.00	0.28 0.01 0.00	4.22 0.18 0.00	5.71 0.22 0.00	19.53 0.74 0.00	24.44 0.64 0.00	28.19 0.59 0.00	21.93 0.45 0.00	18.40 0.41 0.00	22.42 0.61 0.00	16.24 0.53 0.00	21.45 0.60 0.00	15.53 0.60 0.00	15.35 0.60 0.00	19.09 0.67 0.00	22.84 0.74 0.00	22.09 0.75 0.00	23.48 0.81 0.00	20.67 0.61 0.00	17.98 0.59 0.00	15.50 0.50 0.00
CRICKET___VALLEY_CC1 323756	21.69 1.12 0.00	17.19 0.89 -0.11	21.51 1.14 0.00	-12.77 -1.36 -18.93	6.22 0.01 -5.93	8.20 0.21 -3.96	9.79 0.27 -4.03	20.48 0.93 -0.75	24.58 0.78 0.00	28.35 0.75 0.00	22.16 0.67 0.00	18.67 0.68 0.00	22.73 0.93 0.00	16.53 0.83 0.00	21.79 0.95 0.00	15.86 0.93 0.00	15.67 0.92 0.00	19.40 0.98 0.00	23.16 1.05 0.00	22.40 1.06 0.00	23.83 1.16 0.00	20.94 0.88 0.00	18.24 0.85 0.00	15.74 0.73 0.00
CRICKET___VALLEY_CC2 323757	21.69 1.12 0.00	17.19 0.89 -0.11	21.51 1.14 0.00	-12.77 -1.36 -18.93	6.22 0.01 -5.93	8.20 0.21 -3.96	9.79 0.27 -4.03	20.48 0.93 -0.75	24.58 0.78 0.00	28.35 0.75 0.00	22.16 0.67 0.00	18.67 0.68 0.00	22.73 0.93 0.00	16.53 0.83 0.00	21.79 0.95 0.00	15.86 0.93 0.00	15.67 0.92 0.00	19.40 0.98 0.00	23.16 1.05 0.00	22.40 1.06 0.00	23.83 1.16 0.00	20.94 0.88 0.00	18.24 0.85 0.00	15.74 0.73 0.00
CRICKET___VALLEY_CC3 323758	21.69 1.12 0.00	17.19 0.89 -0.11	21.51 1.14 0.00	-12.77 -1.36 -18.93	6.22 0.01 -5.93	8.20 0.21 -3.96	9.79 0.27 -4.03	20.48 0.93 -0.75	24.58 0.78 0.00	28.35 0.75 0.00	22.16 0.67 0.00	18.67 0.68 0.00	22.73 0.93 0.00	16.53 0.83 0.00	21.79 0.95 0.00	15.86 0.93 0.00	15.67 0.92 0.00	19.40 0.98 0.00	23.16 1.05 0.00	22.40 1.06 0.00	23.83 1.16 0.00	20.94 0.88 0.00	18.24 0.85 0.00	15.74 0.73 0.00
CRUCIBLE_METL_DRP 24180	20.39 -0.19 0.00	16.06 -0.13 0.00	20.24 -0.13 0.00	-30.34 0.00 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.47 -0.02 0.00	18.65 -0.15 0.00	23.44 -0.35 0.00	27.15 -0.45 0.00	21.17 -0.32 0.00	17.74 -0.26 0.00	21.53 -0.27 0.00	15.55 -0.16 0.00	20.59 -0.26 0.00	14.82 -0.10 0.00	14.64 -0.11 0.00	18.27 -0.15 0.00	21.90 -0.21 0.00	21.24 -0.11 0.00	22.62 -0.06 0.00	19.98 -0.08 0.00	17.30 -0.10 0.00	14.90 -0.10 0.00
DAHOWA___HYDRO 323763	21.81 1.23 0.00	17.19 1.00 0.00	21.68 1.31 0.00	-32.22 -1.87 0.00	0.29 0.02 0.00	4.29 0.25 0.00	5.81 0.32 0.00	19.92 1.12 0.00	24.93 1.14 0.00	28.81 1.21 0.00	22.37 0.87 0.00	18.76 0.77 0.00	22.88 1.07 0.00	16.51 0.81 0.00	21.80 0.96 0.00	15.78 0.86 0.00	15.61 0.86 0.00	19.41 0.99 0.00	23.24 1.13 0.00	22.48 1.14 0.00	23.90 1.22 0.00	21.05 0.99 0.00	18.28 0.88 0.00	15.76 0.76 0.00
DANC___LFGE 323619	20.13 -0.45 0.00	15.73 -0.46 0.00	19.84 -0.53 0.00	-30.36 -0.01 0.00	0.27 0.00 0.00	4.03 0.00 0.00	5.48 0.00 0.00	18.72 -0.08 0.00	23.60 -0.20 0.00	27.16 -0.44 0.00	21.03 -0.47 0.00	17.59 -0.41 0.00	21.40 -0.40 0.00	15.43 -0.27 0.00	20.45 -0.40 0.00	14.52 -0.40 0.00	14.38 -0.37 0.00	18.17 -0.25 0.00	21.66 -0.45 0.00	20.83 -0.52 0.00	22.09 -0.58 0.00	19.51 -0.55 0.00	16.89 -0.51 0.00	14.66 -0.34 0.00
DANSKAMMER___1 23586	21.96 1.38 0.00	17.28 1.09 0.00	21.72 1.35 0.00	-26.31 -1.67 -5.70	0.29 0.02 0.00	4.28 0.25 0.00	5.82 0.33 0.00	19.94 1.15 0.00	24.90 1.10 0.00	28.78 1.18 0.00	22.47 0.98 0.00	18.95 0.95 0.00	23.01 1.20 0.00	16.72 1.02 0.00	22.09 1.24 0.00	16.05 1.12 0.00	15.85 1.10 0.00	19.67 1.24 0.00	23.50 1.39 0.00	22.77 1.42 0.00	24.23 1.56 0.00	21.26 1.20 0.00	18.49 1.09 0.00	15.94 0.94 0.00
DANSKAMMER___2 23589	21.96 1.38 0.00	17.28 1.09 0.00	21.72 1.35 0.00	-26.31 -1.67 -5.70	0.29 0.02 0.00	4.28 0.25 0.00	5.82 0.33 0.00	19.94 1.15 0.00	24.90 1.10 0.00	28.78 1.18 0.00	22.47 0.98 0.00	18.95 0.95 0.00	23.01 1.20 0.00	16.72 1.02 0.00	22.09 1.24 0.00	16.05 1.12 0.00	15.85 1.10 0.00	19.67 1.24 0.00	23.50 1.39 0.00	22.77 1.42 0.00	24.23 1.56 0.00	21.26 1.20 0.00	18.49 1.09 0.00	15.94 0.94 0.00
DANSKAMMER___3 23590	21.96 1.38 0.00	17.28 1.09 0.00	21.72 1.35 0.00	-26.31 -1.67 -5.70	0.29 0.02 0.00	4.28 0.25 0.00	5.82 0.33 0.00	19.94 1.15 0.00	24.90 1.10 0.00	28.78 1.18 0.00	22.47 0.98 0.00	18.95 0.95 0.00	23.01 1.20 0.00	16.72 1.02 0.00	22.09 1.24 0.00	16.05 1.12 0.00	15.85 1.10 0.00	19.67 1.24 0.00	23.50 1.39 0.00	22.77 1.42 0.00	24.23 1.56 0.00	21.26 1.20 0.00	18.49 1.09 0.00	15.94 0.94 0.00

DANSKAMMER___4 23591	21.96 1.38 0.00	17.28 1.09 0.00	21.72 1.35 0.00	-26.31 -1.67 -5.70	0.29 0.02 0.00	4.28 0.25 0.00	5.82 0.33 0.00	19.94 1.15 0.00	24.90 1.10 0.00	28.78 1.18 0.00	22.47 0.98 0.00	18.95 0.95 0.00	23.01 1.20 0.00	16.72 1.02 0.00	22.09 1.24 0.00	16.05 1.12 0.00	15.85 1.10 0.00	19.67 1.24 0.00	23.50 1.39 0.00	22.77 1.42 0.00	24.23 1.56 0.00	21.26 1.20 0.00	18.49 1.09 0.00	15.94 0.94 0.00
DANSKAMMER___DIESEL 23592	21.96 1.38 0.00	17.27 1.09 0.00	21.72 1.35 0.00	-26.31 -1.67 -5.70	0.29 0.02 0.00	4.28 0.25 0.00	5.82 0.33 0.00	19.94 1.15 0.00	24.90 1.11 0.00	28.78 1.18 0.00	22.47 0.98 0.00	18.95 0.95 0.00	23.01 1.20 0.00	16.72 1.02 0.00	22.09 1.24 0.00	16.05 1.13 0.00	15.85 1.10 0.00	19.67 1.25 0.00	23.50 1.39 0.00	22.77 1.42 0.00	24.23 1.56 0.00	21.26 1.20 0.00	18.49 1.09 0.00	15.94 0.94 0.00
DARBY___SOLAR 323810	21.72 1.15 0.00	17.12 0.94 0.00	21.60 1.23 0.00	-32.09 -1.74 0.00	0.29 0.02 0.00	4.27 0.24 0.00	5.79 0.31 0.00	19.84 1.04 0.00	24.84 1.04 0.00	28.69 1.09 0.00	22.28 0.79 0.00	18.70 0.70 0.00	22.79 0.98 0.00	16.45 0.75 0.00	21.73 0.88 0.00	15.73 0.81 0.00	15.56 0.81 0.00	19.34 0.93 0.00	23.16 1.06 0.00	22.41 1.07 0.00	23.82 1.15 0.00	20.99 0.93 0.00	18.23 0.83 0.00	15.72 0.72 0.00
DASHVILLE___HYD 23610	21.95 1.37 0.00	17.25 1.06 0.00	21.69 1.31 0.00	-31.91 -1.57 0.00	0.29 0.02 0.00	4.28 0.24 0.00	5.81 0.32 0.00	19.91 1.11 0.00	24.85 1.05 0.00	28.72 1.12 0.00	22.44 0.95 0.00	18.94 0.95 0.00	23.01 1.20 0.00	16.74 1.04 0.00	22.10 1.25 0.00	16.07 1.14 0.00	15.87 1.12 0.00	19.67 1.25 0.00	23.49 1.38 0.00	22.76 1.42 0.00	24.23 1.55 0.00	21.25 1.18 0.00	18.48 1.08 0.00	15.94 0.94 0.00
DELAWARE___LFGE 323621	21.14 0.56 0.00	16.64 0.45 0.00	20.95 0.58 0.00	-31.22 -0.88 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.63 0.14 0.00	19.25 0.45 0.00	24.12 0.32 0.00	27.91 0.31 0.00	21.74 0.24 0.00	18.25 0.26 0.00	22.14 0.34 0.00	16.01 0.31 0.00	21.18 0.33 0.00	15.29 0.36 0.00	15.11 0.37 0.00	18.83 0.41 0.00	22.56 0.45 0.00	21.88 0.54 0.00	23.32 0.65 0.00	20.55 0.49 0.00	17.83 0.43 0.00	15.37 0.37 0.00
DERFIELD_115KV_TB7 355931	20.71 0.13 0.00	16.32 0.13 0.00	20.57 0.19 0.00	-30.68 -0.34 0.00	0.27 0.00 0.00	4.08 0.05 0.00	5.54 0.05 0.00	18.91 0.11 0.00	23.72 -0.08 0.00	27.43 -0.17 0.00	21.36 -0.13 0.00	17.91 -0.08 0.00	21.76 -0.05 0.00	15.72 0.02 0.00	20.80 -0.05 0.00	14.99 0.07 0.00	14.81 0.07 0.00	18.47 0.05 0.00	22.12 0.01 0.00	21.42 0.07 0.00	22.79 0.12 0.00	20.09 0.02 0.00	17.45 0.06 0.00	15.06 0.06 0.00
DOGLEVILLE___HYD 23807	21.15 0.57 0.00	16.70 0.52 0.00	21.04 0.67 0.00	-31.48 -1.14 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.63 0.14 0.00	19.17 0.37 0.00	23.85 0.05 0.00	27.51 -0.09 0.00	21.52 0.02 0.00	18.07 0.07 0.00	21.87 0.06 0.00	15.72 0.02 0.00	20.72 -0.13 0.00	15.04 0.12 0.00	14.98 0.23 0.00	18.60 0.18 0.00	22.26 0.15 0.00	21.57 0.23 0.00	23.07 0.39 0.00	20.32 0.26 0.00	17.69 0.29 0.00	15.21 0.21 0.00
DUNKIRK___115KV_TB_200 55889	19.21 -1.37 0.00	15.16 -1.02 0.00	19.27 -1.10 0.00	-30.05 0.29 0.00	0.27 0.00 0.00	3.91 -0.12 0.00	5.32 -0.16 0.00	17.90 -0.89 0.00	17.20 -1.44 5.16	23.04 -1.52 3.04	20.17 -1.21 0.11	16.45 -1.09 0.45	18.28 -1.18 2.35	14.35 -0.90 0.45	12.17 -1.33 7.35	7.24 -0.89 6.79	6.33 -0.90 7.52	14.31 -1.07 3.04	21.02 -1.09 0.00	20.59 -0.75 0.00	22.27 -0.40 0.00	19.63 -0.43 0.00	16.89 -0.51 0.00	14.56 -0.44 0.00
DUNKIRK___1 23563	19.21 -1.37 0.00	15.16 -1.02 0.00	19.27 -1.10 0.00	-30.05 0.29 0.00	0.27 0.00 0.00	3.91 -0.12 0.00	5.32 -0.16 0.00	17.90 -0.89 0.00	17.20 -1.44 5.16	23.04 -1.52 3.04	20.17 -1.21 0.11	16.45 -1.09 0.45	18.28 -1.18 2.35	14.35 -0.90 0.45	12.17 -1.33 7.35	7.24 -0.89 6.79	6.33 -0.90 7.52	14.31 -1.07 3.04	21.02 -1.09 0.00	20.59 -0.75 0.00	22.27 -0.40 0.00	19.63 -0.43 0.00	16.89 -0.51 0.00	14.56 -0.44 0.00
DUNKIRK___2 23564	19.21 -1.37 0.00	15.16 -1.02 0.00	19.27 -1.10 0.00	-30.05 0.29 0.00	0.27 0.00 0.00	3.91 -0.12 0.00	5.32 -0.16 0.00	17.90 -0.89 0.00	17.20 -1.44 5.16	23.04 -1.52 3.04	20.17 -1.21 0.11	16.45 -1.09 0.45	18.28 -1.18 2.35	14.35 -0.90 0.45	12.17 -1.33 7.35	7.24 -0.89 6.79	6.33 -0.90 7.52	14.31 -1.07 3.04	21.02 -1.09 0.00	20.59 -0.75 0.00	22.27 -0.40 0.00	19.63 -0.43 0.00	16.89 -0.51 0.00	14.56 -0.44 0.00
DUNKIRK___3 23565	19.20 -1.38 0.00	15.16 -1.03 0.00	19.23 -1.14 0.00	-29.91 0.43 0.00	0.27 -0.01 0.00	3.90 -0.13 0.00	5.31 -0.17 0.00	17.85 -0.95 0.00	16.96 -1.47 5.37	22.86 -1.58 3.16	20.10 -1.28 0.12	16.40 -1.13 0.46	18.12 -1.24 2.45	14.31 -0.92 0.47	11.87 -1.33 7.64	6.95 -0.91 7.07	6.05 -0.93 7.78	14.15 -1.11 3.16	20.97 -1.14 0.00	20.55 -0.79 0.00	22.20 -0.48 0.00	19.58 -0.48 0.00	16.84 -0.55 0.00	14.54 -0.46 0.00
DUNKIRK___4 23566	19.20 -1.38 0.00	15.16 -1.03 0.00	19.23 -1.14 0.00	-29.91 0.43 0.00	0.27 -0.01 0.00	3.90 -0.13 0.00	5.31 -0.17 0.00	17.85 -0.95 0.00	16.96 -1.47 5.37	22.86 -1.58 3.16	20.10 -1.28 0.12	16.40 -1.13 0.46	18.12 -1.24 2.45	14.31 -0.92 0.47	11.87 -1.33 7.64	6.95 -0.91 7.07	6.05 -0.93 7.78	14.15 -1.11 3.16	20.97 -1.14 0.00	20.55 -0.79 0.00	22.20 -0.48 0.00	19.58 -0.48 0.00	16.84 -0.55 0.00	14.54 -0.46 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.01 1.43 0.00	17.69 1.14 -0.36	21.78 1.41 0.00	150.38 -1.61 -182.34	41.91 0.02 -41.62	32.02 0.24 -27.75	34.08 0.32 -28.27	25.20 1.15 -5.25	24.91 1.11 0.00	28.78 1.18 0.00	22.49 1.00 0.00	18.99 0.99 0.00	23.05 1.24 0.00	16.78 1.07 0.00	22.14 1.29 0.00	16.11 1.18 0.00	15.91 1.16 0.00	19.70 1.28 0.00	23.50 1.39 0.00	22.78 1.43 0.00	24.24 1.57 0.00	21.26 1.20 0.00	18.51 1.11 0.00	15.99 0.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.79 1.21 0.00	17.03 0.95 0.10	21.55 1.17 0.00	-41.36 -1.41 9.61	-4.20 0.01 4.48	1.26 0.22 2.99	2.73 0.28 3.05	19.21 0.98 0.57	24.70 0.90 0.00	28.54 0.94 0.00	22.28 0.79 0.00	18.79 0.80 0.00	22.81 1.01 0.00	16.57 0.88 0.00	21.90 1.05 0.00	15.90 0.98 0.00	15.71 0.96 0.00	19.50 1.08 0.00	23.31 1.20 0.00	22.58 1.24 0.00	24.04 1.37 0.00	21.09 1.03 0.00	18.34 0.94 0.00	15.82 0.82 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.16 1.58 0.00	17.80 1.26 -0.36	21.77 1.40 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.02 0.26 -27.73	34.08 0.34 -28.25	25.34 1.30 -5.25	24.96 1.16 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.03 1.04 0.00	23.06 1.25 0.00	16.82 1.12 0.00	22.16 1.31 0.00	16.14 1.22 0.00	15.93 1.18 0.00	19.75 1.33 0.00	23.56 1.46 0.00	22.85 1.51 0.00	24.32 1.65 0.00	21.32 1.25 0.00	18.58 1.18 0.00	16.02 1.02 0.00

E179THST_13_KV_LOAD 356214	22.24 1.66 0.00	17.87 1.32 -0.36	21.85 1.48 0.00	150.04 -1.81 -182.19	41.88 0.02 -41.58	32.04 0.27 -27.73	34.10 0.36 -28.25	25.41 1.36 -5.25	25.04 1.24 0.00	28.97 1.37 0.00	22.65 1.16 0.00	19.10 1.11 0.00	23.15 1.34 0.00	16.89 1.19 0.00	22.24 1.39 0.00	16.21 1.28 0.00	15.99 1.24 0.00	19.83 1.41 0.00	23.65 1.55 0.00	22.94 1.60 0.00	24.42 1.75 0.00	21.40 1.33 0.00	18.64 1.25 0.00	16.08 1.08 0.00
EAST HAMPTON___GT 23717	22.31 1.73 0.00	18.40 1.85 -0.36	22.80 2.43 0.00	149.98 -1.06 -181.39	41.70 0.02 -41.40	31.90 0.26 -27.60	33.84 0.23 -28.13	24.93 0.91 -5.22	24.50 0.70 0.00	28.63 1.03 0.00	22.21 0.72 0.00	18.93 0.94 0.00	23.08 1.27 0.00	16.86 1.16 0.00	35.55 1.57 -13.13	21.24 1.49 -4.82	16.36 1.33 -0.28	19.85 1.43 0.00	23.86 1.75 0.00	23.20 1.85 0.00	24.72 2.04 0.00	21.53 1.46 -0.01	20.69 1.33 -1.96	16.22 1.14 -0.08
EAST RIVER___6 23660	22.10 1.52 0.00	17.75 1.21 -0.36	21.86 1.49 0.00	150.41 -1.74 -182.49	41.94 0.02 -41.65	32.07 0.26 -27.77	34.12 0.34 -28.30	25.31 1.25 -5.25	25.02 1.22 0.00	28.91 1.31 0.00	22.59 1.09 0.00	19.05 1.06 0.00	23.11 1.30 0.00	16.83 1.13 0.00	22.19 1.34 0.00	16.17 1.24 0.00	15.98 1.23 0.00	19.79 1.37 0.00	23.59 1.49 0.00	22.88 1.53 0.00	24.34 1.67 0.00	21.34 1.28 0.00	18.58 1.18 0.00	16.05 1.05 0.00
EAST RIVER___7 23524	22.10 1.52 0.00	17.75 1.21 -0.36	21.86 1.49 0.00	150.41 -1.74 -182.49	41.94 0.02 -41.65	32.07 0.26 -27.77	34.12 0.34 -28.30	25.31 1.25 -5.25	25.02 1.22 0.00	28.91 1.31 0.00	22.59 1.09 0.00	19.05 1.06 0.00	23.11 1.30 0.00	16.83 1.13 0.00	22.19 1.34 0.00	16.17 1.24 0.00	15.98 1.23 0.00	19.79 1.37 0.00	23.59 1.49 0.00	22.88 1.53 0.00	24.34 1.67 0.00	21.34 1.28 0.00	18.58 1.18 0.00	16.05 1.05 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.96 1.38 0.00	17.66 1.10 -0.37	21.74 1.37 0.00	161.41 -1.58 -193.33	44.89 0.02 -44.60	34.01 0.24 -29.73	36.10 0.31 -30.30	25.54 1.12 -5.63	24.86 1.06 0.00	28.73 1.13 0.00	22.45 0.95 0.00	18.94 0.95 0.00	22.99 1.19 0.00	16.73 1.03 0.00	22.09 1.24 0.00	16.07 1.14 0.00	15.87 1.12 0.00	19.66 1.23 0.00	23.45 1.35 0.00	22.74 1.39 0.00	24.20 1.53 0.00	21.22 1.16 0.00	18.48 1.08 0.00	15.96 0.95 0.00
EAST_HAMPTON___DIESEL 23722	22.28 1.70 0.00	18.39 1.85 -0.36	22.79 2.42 0.00	149.99 -1.06 -181.39	41.70 0.02 -41.40	31.89 0.25 -27.60	33.82 0.21 -28.13	24.88 0.85 -5.22	24.43 0.64 0.00	28.55 0.95 0.00	22.15 0.66 0.00	18.88 0.89 0.00	23.02 1.21 0.00	16.82 1.12 0.00	35.50 1.52 -13.13	21.20 1.46 -4.82	16.32 1.29 -0.28	19.80 1.38 0.00	23.80 1.69 0.00	23.13 1.79 0.00	24.65 1.98 0.00	21.48 1.41 -0.01	20.64 1.28 -1.96	16.18 1.10 -0.08
EAST_POINT___SOLAR 323840	21.65 1.07 0.00	16.98 0.80 0.00	21.40 1.04 0.00	-31.74 -1.40 0.00	0.29 0.01 0.00	4.25 0.22 0.00	5.76 0.28 0.00	19.79 1.00 0.00	24.95 1.16 0.00	28.97 1.37 0.00	22.44 0.95 0.00	18.67 0.67 0.00	22.55 0.74 0.00	16.14 0.44 0.00	21.19 0.34 0.00	15.19 0.27 0.00	15.16 0.41 0.00	19.11 0.69 0.00	22.95 0.84 0.00	22.39 1.05 0.00	23.95 1.28 0.00	21.19 1.13 0.00	18.34 0.94 0.00	15.78 0.78 0.00
EAST_PULASKI___ESR 323781	20.19 -0.39 0.00	15.86 -0.33 0.00	19.99 -0.38 0.00	-30.17 0.17 0.00	0.27 0.00 0.00	4.00 -0.03 0.00	5.44 -0.05 0.00	18.56 -0.24 0.00	23.37 -0.43 0.00	27.00 -0.60 0.00	21.02 -0.48 0.00	17.61 -0.38 0.00	21.40 -0.40 0.00	15.43 -0.27 0.00	20.46 -0.39 0.00	14.63 -0.29 0.00	14.46 -0.29 0.00	18.13 -0.29 0.00	21.70 -0.41 0.00	20.97 -0.38 0.00	22.31 -0.36 0.00	19.71 -0.35 0.00	17.06 -0.34 0.00	14.75 -0.25 0.00
EAST_RIVER___1 323558	22.10 1.52 0.00	17.76 1.21 -0.36	21.87 1.50 0.00	150.43 -1.74 -182.51	41.95 0.02 -41.66	32.07 0.26 -27.78	34.13 0.34 -28.30	25.30 1.25 -5.25	25.02 1.22 0.00	28.92 1.32 0.00	22.59 1.10 0.00	19.06 1.07 0.00	23.12 1.32 0.00	16.85 1.15 0.00	22.21 1.36 0.00	16.18 1.25 0.00	15.98 1.23 0.00	19.78 1.36 0.00	23.59 1.48 0.00	22.88 1.53 0.00	24.34 1.67 0.00	21.34 1.27 0.00	18.58 1.18 0.00	16.05 1.05 0.00
EAST_RIVER___2 323559	22.10 1.52 0.00	17.75 1.21 -0.36	21.86 1.49 0.00	150.41 -1.74 -182.49	41.94 0.02 -41.65	32.07 0.26 -27.77	34.12 0.34 -28.30	25.31 1.25 -5.25	25.02 1.22 0.00	28.91 1.31 0.00	22.59 1.09 0.00	19.05 1.06 0.00	23.11 1.30 0.00	16.83 1.13 0.00	22.19 1.34 0.00	16.17 1.24 0.00	15.98 1.23 0.00	19.79 1.37 0.00	23.59 1.49 0.00	22.88 1.53 0.00	24.34 1.67 0.00	21.34 1.28 0.00	18.58 1.18 0.00	16.05 1.05 0.00
EAST___DELAWARE_HYD 23607	21.45 0.87 0.00	16.77 0.67 0.08	21.19 0.82 0.00	-38.88 -0.90 7.64	-3.29 0.01 3.57	1.81 0.15 2.38	3.26 0.19 2.42	19.03 0.68 0.45	24.35 0.55 0.00	28.15 0.55 0.00	21.97 0.48 0.00	18.53 0.53 0.00	22.48 0.67 0.00	16.31 0.61 0.00	21.56 0.71 0.00	15.54 0.61 0.00	15.35 0.60 0.00	19.07 0.65 0.00	22.81 0.70 0.00	22.11 0.77 0.00	23.54 0.87 0.00	20.67 0.61 0.00	17.96 0.56 0.00	15.48 0.48 0.00
EIGHT_POINT___WT_PWR 323820	19.40 -1.18 0.00	15.37 -0.82 0.00	19.34 -1.03 0.00	-30.40 -0.06 0.00	0.26 -0.01 0.00	3.86 -0.17 0.00	5.21 -0.28 0.00	17.49 -1.30 0.00	43.98 -2.12 -22.30	38.20 -2.57 -13.16	20.00 -1.98 -0.48	16.59 -1.74 -0.33	29.98 -2.01 -10.18	16.24 -1.42 -1.96	50.70 -1.87 -31.72	42.97 -1.31 -29.36	40.11 -1.38 -26.73	29.98 -1.57 -13.13	20.51 -1.60 0.00	20.29 -1.05 0.00	21.57 -1.10 0.00	19.16 -0.90 0.00	16.49 -0.91 0.00	14.26 -0.74 0.00
ELBRIDGE_115KV_TB2 80188	20.22 -0.36 0.00	15.94 -0.25 0.00	20.08 -0.29 0.00	-30.11 0.24 0.00	0.27 0.00 0.00	3.99 -0.04 0.00	5.43 -0.06 0.00	18.50 -0.29 0.00	23.25 -0.54 0.00	26.94 -0.66 0.00	21.01 -0.49 0.00	17.58 -0.41 0.00	21.34 -0.47 0.00	15.41 -0.29 0.00	20.40 -0.45 0.00	14.69 -0.24 0.00	14.51 -0.24 0.00	18.11 -0.31 0.00	21.69 -0.42 0.00	21.06 -0.28 0.00	22.42 -0.25 0.00	19.83 -0.24 0.00	17.17 -0.23 0.00	14.78 -0.22 0.00
ELEC_TRO_TEK 24086	22.12 1.54 0.00	17.84 1.30 -0.36	21.98 1.61 0.00	149.88 -1.16 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.34 -28.13	25.24 1.22 -5.22	24.96 1.17 0.00	28.94 1.34 0.00	22.59 1.09 0.00	19.14 1.15 0.00	23.22 1.42 0.00	16.90 1.20 0.00	45.74 1.52 -23.37	24.85 1.33 -8.59	16.57 1.32 -0.50	19.85 1.44 0.00	23.75 1.65 0.00	23.05 1.71 0.00	24.55 1.88 0.00	21.50 1.42 -0.01	22.23 1.35 -3.49	16.34 1.20 -0.14
ELLENBURG_WT_PWR 323604	20.48 -0.10 0.00	16.08 -0.11 0.00	20.23 -0.14 0.00	-30.12 0.22 0.00	0.27 0.00 0.00	3.98 -0.05 0.00	5.44 -0.05 0.00	18.71 -0.09 0.00	24.04 0.25 0.00	28.05 0.45 0.00	21.75 0.26 0.00	18.02 0.03 0.00	21.76 -0.05 0.00	15.64 -0.06 0.00	20.74 -0.11 0.00	14.56 -0.37 0.00	14.32 -0.43 0.00	17.93 -0.49 0.00	21.51 -0.60 0.00	20.73 -0.62 0.00	21.89 -0.79 0.00	19.46 -0.60 0.00	16.83 -0.56 0.00	14.47 -0.53 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.03 -1.54 0.00	15.02 -1.16 0.00	19.00 -1.37 0.00	-29.45 0.89 0.00	0.26 -0.01 0.00	3.86 -0.17 0.00	5.27 -0.22 0.00	17.63 -1.17 0.00	16.37 -1.66 5.77	22.40 -1.80 3.40	19.87 -1.49 0.12	16.26 -1.28 0.45	17.76 -1.42 2.63	14.18 -1.02 0.51	11.19 -1.43 8.22	6.31 -1.01 7.60	5.46 -1.06 8.23	13.77 -1.25 3.40	20.77 -1.34 0.00	20.42 -0.93 0.00	22.02 -0.66 0.00	19.45 -0.62 0.00	16.73 -0.67 0.00	14.46 -0.54 0.00
EMPIRE_CC_1 323656	21.22 0.64 0.00	16.84 0.58 -0.07	21.14 0.77 0.00	-23.58 -1.02 -7.78	3.91 0.01 -3.63	6.60 0.15 -2.42	8.13 0.17 -2.47	19.78 0.52 -0.46	24.13 0.34 0.00	27.82 0.22 0.00	21.65 0.16 0.00	18.20 0.20 0.00	22.17 0.36 0.00	16.08 0.38 0.00	21.24 0.39 0.00	15.39 0.46 0.00	15.22 0.47 0.00	18.89 0.46 0.00	22.58 0.47 0.00	21.84 0.49 0.00	23.20 0.53 0.00	20.41 0.35 0.00	17.81 0.41 0.00	15.37 0.37 0.00
EMPIRE_CC_2 323658	21.22 0.64 0.00	16.84 0.58 -0.07	21.14 0.77 0.00	-23.58 -1.02 -7.78	3.91 0.01 -3.63	6.60 0.15 -2.42	8.13 0.17 -2.47	19.78 0.52 -0.46	24.13 0.34 0.00	27.82 0.22 0.00	21.65 0.16 0.00	18.20 0.20 0.00	22.17 0.36 0.00	16.08 0.38 0.00	21.24 0.39 0.00	15.39 0.46 0.00	15.22 0.47 0.00	18.89 0.46 0.00	22.58 0.47 0.00	21.84 0.49 0.00	23.20 0.53 0.00	20.41 0.35 0.00	17.81 0.41 0.00	15.37 0.37 0.00
ENORWICH_115KV_TB1 80156	21.47 0.89 0.00	16.94 0.76 0.00	21.32 0.96 0.00	-32.27 -1.93 0.00	0.28 0.01 0.00	4.23 0.19 0.00	5.74 0.25 0.00	19.55 0.75 0.00	25.56 0.60 -1.16	28.72 0.43 -0.69	21.79 0.27 -0.03	18.73 0.32 -0.41	22.38 0.04 -0.53	15.69 -0.12 -0.10	22.25 -0.25 -1.65	16.41 -0.04 -1.53	17.60 0.10 -2.75	19.23 0.13 -0.68	22.39 0.28 0.00	21.83 0.48 0.00	23.36 0.69 0.00	20.66 0.60 0.00	17.92 0.52 0.00	15.35 0.35 0.00
ERIE_ST__34_KV_TB1-2 80199	19.36 -1.22 0.00	15.27 -0.92 0.00	19.31 -1.06 0.00	-29.94 0.41 0.00	0.27 0.00 0.00	3.92 -0.11 0.00	5.34 -0.15 0.00	17.90 -0.89 0.00	16.69 -1.29 5.82	22.79 -1.38 3.43	20.20 -1.17 0.13	16.51 -1.01 0.47	18.05 -1.11 2.66	14.40 -0.79 0.51	11.44 -1.12 8.30	6.47 -0.79 7.67	5.57 -0.82 8.36	14.02 -0.97 3.43	21.09 -1.02 0.00	20.72 -0.62 0.00	22.33 -0.34 0.00	19.73 -0.34 0.00	16.96 -0.44 0.00	14.66 -0.33 0.00
ERIE_WT_PWR 323693	19.14 -1.44 0.00	15.11 -1.08 0.00	19.12 -1.25 0.00	-29.71 0.64 0.00	0.26 -0.01 0.00	3.88 -0.15 0.00	5.29 -0.20 0.00	17.71 -1.09 0.00	15.69 -1.55 6.56	22.05 -1.68 3.87	19.95 -1.40 0.14	16.28 -1.21 0.50	17.50 -1.32 2.99	14.17 -0.96 0.57	10.17 -1.34 9.35	5.35 -0.94 8.64	4.47 -0.98 9.30	13.39 -1.17 3.86	20.89 -1.22 0.00	20.52 -0.83 0.00	22.13 -0.54 0.00	19.55 -0.51 0.00	16.81 -0.59 0.00	14.53 -0.47 0.00
ESPRGFLD_115KV_TB1 80157	21.21 0.63 0.00	16.64 0.46 0.00	20.96 0.59 0.00	-31.20 -0.86 0.00	0.28 0.01 0.00	4.17 0.14 0.00	5.66 0.17 0.00	19.38 0.58 0.00	24.39 0.59 0.00	28.31 0.71 0.00	22.00 0.51 0.00	18.40 0.40 0.00	22.27 0.47 0.00	16.03 0.33 0.00	21.12 0.27 0.00	15.13 0.21 0.00	14.98 0.23 0.00	18.77 0.36 0.00	22.54 0.43 0.00	21.91 0.57 0.00	23.41 0.74 0.00	20.73 0.67 0.00	17.93 0.54 0.00	15.46 0.46 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.69 0.11 0.00	16.29 0.10 0.00	20.55 0.17 0.00	-30.89 -0.55 0.00	0.27 0.00 0.00	4.09 0.06 0.00	5.55 0.06 0.00	18.90 0.10 0.00	25.68 -0.07 -1.96	28.62 -0.14 -1.17	21.44 -0.10 -0.04	18.88 -0.09 -0.97	22.61 -0.09 -0.90	15.84 -0.03 -0.17	23.51 -0.10 -2.77	17.52 0.03 -2.57	20.40 0.05 -5.60	19.61 0.05 -1.15	22.17 0.06 0.00	21.54 0.20 0.00	22.98 0.31 0.00	20.29 0.23 0.00	17.56 0.16 0.00	15.12 0.12 0.00
ETNA____115KV_TB2 80207	20.69 0.11 0.00	16.29 0.10 0.00	20.55 0.17 0.00	-30.89 -0.55 0.00	0.27 0.00 0.00	4.09 0.06 0.00	5.55 0.06 0.00	18.90 0.10 0.00	25.68 -0.07 -1.96	28.62 -0.14 -1.17	21.44 -0.10 -0.04	18.88 -0.09 -0.97	22.61 -0.09 -0.90	15.84 -0.03 -0.17	23.51 -0.10 -2.77	17.52 0.03 -2.57	20.40 0.05 -5.60	19.61 0.05 -1.15	22.17 0.06 0.00	21.54 0.20 0.00	22.98 0.31 0.00	20.29 0.23 0.00	17.56 0.16 0.00	15.12 0.12 0.00
EUCLID____115KV_TB2 356179	20.29 -0.28 0.00	15.99 -0.20 0.00	20.15 -0.22 0.00	-30.19 0.15 0.00	0.27 0.00 0.00	4.01 -0.02 0.00	5.45 -0.04 0.00	18.56 -0.24 0.00	23.30 -0.49 0.00	26.98 -0.61 0.00	21.04 -0.45 0.00	17.64 -0.35 0.00	21.43 -0.38 0.00	15.46 -0.24 0.00	20.48 -0.37 0.00	14.74 -0.18 0.00	14.57 -0.18 0.00	18.17 -0.25 0.00	21.79 -0.32 0.00	21.13 -0.22 0.00	22.51 -0.16 0.00	19.87 -0.19 0.00	17.21 -0.19 0.00	14.84 -0.16 0.00
E_CANADA_CAP_HY 24051	21.40 0.82 0.00	16.79 0.60 0.00	21.14 0.77 0.00	-31.39 -1.05 0.00	0.28 0.01 0.00	4.21 0.17 0.00	5.71 0.22 0.00	19.56 0.76 0.00	24.66 0.86 0.00	28.65 1.05 0.00	22.24 0.75 0.00	18.55 0.55 0.00	22.47 0.66 0.00	16.12 0.42 0.00	21.20 0.35 0.00	15.14 0.22 0.00	15.02 0.27 0.00	18.86 0.44 0.00	22.65 0.55 0.00	22.01 0.66 0.00	23.51 0.84 0.00	20.86 0.80 0.00	18.06 0.66 0.00	15.57 0.57 0.00
E_CANADA_MHWK_HY 24050	21.15 0.57 0.00	16.70 0.52 0.00	21.04 0.67 0.00	-31.48 -1.14 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.63 0.14 0.00	19.17 0.37 0.00	23.85 0.05 0.00	27.51 -0.09 0.00	21.52 0.02 0.00	18.07 0.07 0.00	21.87 0.06 0.00	15.72 0.02 0.00	20.72 -0.12 0.00	15.04 0.12 0.00	14.98 0.23 0.00	18.60 0.18 0.00	22.26 0.15 0.00	21.58 0.23 0.00	23.07 0.39 0.00	20.32 0.26 0.00	17.69 0.29 0.00	15.21 0.21 0.00
E_FISHKILL__LBMP 23776	21.76 1.18 0.00	17.21 0.95 -0.08	21.56 1.18 0.00	-7.09 -1.39 -24.64	6.58 0.01 -6.29	8.44 0.21 -4.20	10.04 0.27 -4.28	20.55 0.96 -0.79	24.66 0.86 0.00	28.48 0.88 0.00	22.25 0.76 0.00	18.75 0.76 0.00	22.79 0.98 0.00	16.57 0.87 0.00	21.87 1.02 0.00	15.89 0.97 0.00	15.70 0.95 0.00	19.46 1.04 0.00	23.23 1.13 0.00	22.51 1.16 0.00	23.95 1.28 0.00	21.03 0.96 0.00	18.30 0.91 0.00	15.79 0.80 0.00
FALCON__SEABRD_CC1 323796	20.71 0.13 0.00	16.27 0.08 0.00	20.48 0.11 0.00	-30.45 -0.10 0.00	0.27 0.00 0.00	4.02 -0.01 0.00	5.49 0.00 0.00	18.92 0.13 0.00	24.27 0.47 0.00	28.34 0.74 0.00	22.00 0.51 0.00	18.24 0.25 0.00	22.02 0.21 0.00	15.83 0.12 0.00	20.95 0.10 0.00	14.73 -0.19 0.00	14.47 -0.28 0.00	18.09 -0.33 0.00	21.70 -0.40 0.00	20.91 -0.43 0.00	22.12 -0.55 0.00	19.63 -0.44 0.00	17.01 -0.39 0.00	14.60 -0.40 0.00
FALCON__SEABRD_CC2 323797	20.71 0.13 0.00	16.27 0.08 0.00	20.48 0.11 0.00	-30.45 -0.10 0.00	0.27 0.00 0.00	4.02 -0.01 0.00	5.49 0.00 0.00	18.92 0.13 0.00	24.27 0.47 0.00	28.34 0.74 0.00	22.00 0.51 0.00	18.24 0.25 0.00	22.02 0.21 0.00	15.83 0.12 0.00	20.95 0.10 0.00	14.73 -0.19 0.00	14.47 -0.28 0.00	18.09 -0.33 0.00	21.70 -0.40 0.00	20.91 -0.43 0.00	22.12 -0.55 0.00	19.63 -0.44 0.00	17.01 -0.39 0.00	14.60 -0.40 0.00

FAR ROCKAWAY___4 23548	22.39 1.81 0.00	18.04 1.49 -0.36	22.23 1.86 0.00	149.59 -1.46 -181.39	41.70 0.02 -41.40	31.95 0.31 -27.60	34.03 0.42 -28.13	25.53 1.51 -5.22	25.26 1.47 0.00	29.21 1.61 0.00	22.85 1.34 -0.01	19.33 1.33 0.00	23.44 1.64 0.00	17.08 1.38 0.00	43.99 1.77 -21.37	24.28 1.50 -7.85	16.69 1.49 -0.45	20.07 1.64 0.00	23.97 1.86 0.00	23.35 2.00 0.00	24.87 2.20 0.00	21.77 1.70 -0.01	22.17 1.58 -3.19	16.53 1.40 -0.13
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.11 1.53 0.00	17.76 1.22 -0.36	21.87 1.50 0.00	150.37 -1.74 -182.45	41.94 0.02 -41.65	32.06 0.26 -27.76	34.12 0.34 -28.29	25.30 1.26 -5.25	25.03 1.24 0.00	28.92 1.32 0.00	22.60 1.11 0.00	19.07 1.08 0.00	23.14 1.33 0.00	16.86 1.15 0.00	22.23 1.38 0.00	16.18 1.26 0.00	15.98 1.24 0.00	19.79 1.37 0.00	23.60 1.49 0.00	22.89 1.54 0.00	24.36 1.68 0.00	21.35 1.29 0.00	18.59 1.19 0.00	16.05 1.05 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.12 1.54 0.00	17.77 1.22 -0.36	21.88 1.51 0.00	150.37 -1.74 -182.45	41.94 0.02 -41.65	32.06 0.26 -27.76	34.12 0.35 -28.29	25.31 1.26 -5.25	25.04 1.24 0.00	28.93 1.32 0.00	22.61 1.12 0.00	19.08 1.09 0.00	23.14 1.34 0.00	16.86 1.16 0.00	22.23 1.39 0.00	16.19 1.26 0.00	15.99 1.24 0.00	19.79 1.38 0.00	23.60 1.50 0.00	22.89 1.55 0.00	24.36 1.69 0.00	21.35 1.29 0.00	18.59 1.20 0.00	16.06 1.06 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.10 1.52 0.00	17.75 1.21 -0.36	21.87 1.50 0.00	150.39 -1.72 -182.45	41.94 0.02 -41.65	32.06 0.26 -27.76	34.12 0.34 -28.29	25.30 1.25 -5.25	25.03 1.23 0.00	28.92 1.32 0.00	22.59 1.10 0.00	19.07 1.08 0.00	23.13 1.33 0.00	16.86 1.15 0.00	22.22 1.37 0.00	16.18 1.25 0.00	15.98 1.23 0.00	19.78 1.37 0.00	23.59 1.48 0.00	22.88 1.53 0.00	24.34 1.67 0.00	21.34 1.28 0.00	18.58 1.18 0.00	16.05 1.05 0.00
FARRAGUT___LBMP 323566	22.08 1.50 0.00	17.74 1.20 -0.36	21.85 1.48 0.00	150.40 -1.71 -182.45	41.94 0.02 -41.65	32.06 0.26 -27.76	34.12 0.34 -28.29	25.29 1.23 -5.25	25.01 1.21 0.00	28.89 1.29 0.00	22.57 1.08 0.00	19.05 1.06 0.00	23.11 1.30 0.00	16.84 1.14 0.00	22.20 1.35 0.00	16.16 1.24 0.00	15.96 1.21 0.00	19.77 1.35 0.00	23.57 1.46 0.00	22.86 1.51 0.00	24.32 1.65 0.00	21.32 1.26 0.00	18.57 1.17 0.00	16.04 1.04 0.00
FENNER___WINDPWR 24204	20.83 0.25 0.00	16.38 0.19 0.00	20.63 0.26 0.00	-31.01 -0.67 0.00	0.28 0.00 0.00	4.11 0.08 0.00	5.59 0.10 0.00	19.03 0.23 0.00	23.92 0.13 0.00	27.68 0.07 0.00	21.56 0.07 0.00	18.19 0.03 -0.17	21.86 0.05 0.00	15.77 0.07 0.00	20.86 0.02 0.00	15.01 0.08 0.00	15.46 0.11 -0.60	18.59 0.16 0.00	22.32 0.21 0.00	21.62 0.28 0.00	23.01 0.34 0.00	20.28 0.21 0.00	17.56 0.16 0.00	15.15 0.15 0.00
FIBERTEK___ENERGY 23856	20.39 -0.19 0.00	16.06 -0.13 0.00	20.24 -0.13 0.00	-30.34 0.00 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.47 -0.02 0.00	18.65 -0.15 0.00	23.44 -0.35 0.00	27.15 -0.45 0.00	21.17 -0.32 0.00	17.74 -0.26 0.00	21.53 -0.27 0.00	15.55 -0.16 0.00	20.59 -0.26 0.00	14.82 -0.10 0.00	14.64 -0.11 0.00	18.27 -0.15 0.00	21.90 -0.21 0.00	21.24 -0.11 0.00	22.62 -0.06 0.00	19.98 -0.08 0.00	17.30 -0.10 0.00	14.90 -0.10 0.00
FITZPATRICK___ 23598	19.95 -0.63 0.00	15.73 -0.46 0.00	19.82 -0.55 0.00	-29.68 0.67 0.00	0.27 -0.01 0.00	3.94 -0.09 0.00	5.36 -0.13 0.00	18.25 -0.54 0.00	22.96 -0.84 0.00	26.59 -1.02 0.00	20.72 -0.78 0.00	17.36 -0.63 0.00	21.08 -0.73 0.00	15.21 -0.49 0.00	20.14 -0.71 0.00	14.48 -0.45 0.00	14.31 -0.44 0.00	17.85 -0.57 0.00	21.39 -0.71 0.00	20.73 -0.61 0.00	22.07 -0.60 0.00	19.50 -0.57 0.00	16.89 -0.50 0.00	14.57 -0.43 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.00 1.42 0.00	17.31 1.12 0.00	21.76 1.39 0.00	-24.69 -1.73 -7.38	0.29 0.02 0.00	4.29 0.26 0.00	5.83 0.34 0.00	19.98 1.19 0.00	24.96 1.16 0.00	28.83 1.23 0.00	22.52 1.03 0.00	18.99 0.99 0.00	23.05 1.24 0.00	16.76 1.06 0.00	22.14 1.29 0.00	16.08 1.16 0.00	15.89 1.13 0.00	19.71 1.28 0.00	23.54 1.43 0.00	22.81 1.47 0.00	24.28 1.60 0.00	21.30 1.24 0.00	18.52 1.12 0.00	15.97 0.97 0.00
FORT ORANGE___ 23900	21.21 0.63 0.00	16.79 0.60 0.00	21.15 0.77 0.00	-31.43 -1.09 0.00	0.28 0.01 0.00	4.18 0.15 0.00	5.66 0.17 0.00	19.29 0.50 0.00	24.17 0.37 0.00	27.91 0.31 0.00	21.74 0.25 0.00	18.23 0.24 0.00	22.16 0.35 0.00	16.05 0.35 0.00	21.23 0.38 0.00	15.37 0.44 0.00	15.21 0.46 0.00	18.92 0.50 0.00	22.62 0.52 0.00	21.89 0.55 0.00	23.28 0.61 0.00	20.48 0.42 0.00	17.81 0.41 0.00	15.36 0.36 0.00
FORT_DRUM_COGEN 23780	20.24 -0.34 0.00	15.75 -0.43 0.00	19.88 -0.49 0.00	-30.66 -0.32 0.00	0.27 0.00 0.00	4.08 0.04 0.00	5.55 0.06 0.00	18.97 0.18 0.00	24.01 0.22 0.00	27.58 -0.02 0.00	21.25 -0.25 0.00	17.73 -0.26 0.00	21.59 -0.22 0.00	15.56 -0.14 0.00	20.63 -0.22 0.00	14.56 -0.37 0.00	14.45 -0.30 0.00	18.38 -0.04 0.00	21.86 -0.25 0.00	20.94 -0.41 0.00	22.13 -0.54 0.00	19.55 -0.51 0.00	16.90 -0.50 0.00	14.71 -0.28 0.00
FOX_HILLS___ESR 323835	22.10 1.52 0.00	17.76 1.22 -0.36	21.82 1.45 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.02 0.26 -27.73	34.08 0.35 -28.25	25.32 1.28 -5.25	24.98 1.18 0.00	28.92 1.32 0.00	22.55 1.06 0.00	19.06 1.07 0.00	23.09 1.28 0.00	16.83 1.14 0.00	22.21 1.36 0.00	16.16 1.23 0.00	15.99 1.24 0.00	19.79 1.37 0.00	23.61 1.50 0.00	22.91 1.57 0.00	24.40 1.73 0.00	21.33 1.27 0.00	18.61 1.21 0.00	16.04 1.05 0.00
FPL_FAR_ROCK_GT1 24212	22.39 1.81 0.00	18.04 1.49 -0.36	22.23 1.85 0.00	149.57 -1.47 -181.39	41.70 0.02 -41.40	31.95 0.31 -27.60	34.03 0.42 -28.13	25.53 1.51 -5.22	25.26 1.46 0.00	29.21 1.61 0.00	22.85 1.34 -0.01	19.33 1.33 0.00	23.44 1.63 0.00	17.08 1.37 0.00	43.98 1.77 -21.37	24.27 1.50 -7.85	16.69 1.49 -0.45	20.07 1.64 0.00	23.97 1.86 0.00	23.35 2.00 0.00	24.87 2.20 0.00	21.77 1.70 -0.01	22.17 1.58 -3.19	16.53 1.40 -0.13
FPL_FAR_ROCK_GT2 23815	22.39 1.81 0.00	18.04 1.49 -0.36	22.23 1.85 0.00	149.57 -1.47 -181.39	41.70 0.02 -41.40	31.95 0.31 -27.60	34.03 0.42 -28.13	25.53 1.51 -5.22	25.26 1.46 0.00	29.21 1.61 0.00	22.85 1.34 -0.01	19.33 1.33 0.00	23.44 1.63 0.00	17.08 1.37 0.00	43.98 1.77 -21.37	24.27 1.50 -7.85	16.69 1.49 -0.45	20.07 1.64 0.00	23.97 1.86 0.00	23.35 2.00 0.00	24.87 2.20 0.00	21.77 1.70 -0.01	22.17 1.58 -3.19	16.53 1.40 -0.13
FRANKLIN_FALL_HYD 24054	20.42 -0.16 0.00	16.00 -0.18 0.00	20.14 -0.23 0.00	-30.00 0.34 0.00	0.27 0.00 0.00	3.97 -0.06 0.00	5.43 -0.06 0.00	18.69 -0.11 0.00	24.10 0.31 0.00	28.14 0.54 0.00	21.83 0.34 0.00	18.10 0.10 0.00	21.85 0.05 0.00	15.71 0.01 0.00	20.83 -0.02 0.00	14.61 -0.32 0.00	14.39 -0.36 0.00	18.07 -0.35 0.00	21.72 -0.39 0.00	20.88 -0.47 0.00	22.00 -0.67 0.00	19.57 -0.49 0.00	16.88 -0.52 0.00	14.51 -0.48 0.00

FREEPORT_EQUS_GT1 23764	22.26 1.68 0.00	17.95 1.41 -0.36	22.13 1.76 0.00	149.87 -1.17 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.98 0.37 -28.13	25.35 1.33 -5.22	25.07 1.28 0.00	29.09 1.49 0.00	22.72 1.22 0.00	19.26 1.26 0.00	23.36 1.55 0.00	17.00 1.30 0.00	40.50 1.68 -17.97	22.99 1.46 -6.60	16.58 1.45 -0.38	20.01 1.59 0.00	23.93 1.82 0.00	23.24 1.90 0.00	24.76 2.09 0.00	21.67 1.60 -0.01	21.58 1.50 -2.68	16.44 1.33 -0.11
FREEPORT___CT2 23818	22.26 1.68 0.00	17.95 1.41 -0.36	22.13 1.76 0.00	149.87 -1.17 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.98 0.37 -28.13	25.35 1.33 -5.22	25.07 1.28 0.00	29.09 1.49 0.00	22.72 1.22 0.00	19.26 1.26 0.00	23.36 1.55 0.00	17.00 1.30 0.00	40.50 1.68 -17.97	22.99 1.46 -6.60	16.58 1.45 -0.38	20.01 1.59 0.00	23.93 1.82 0.00	23.24 1.90 0.00	24.76 2.09 0.00	21.67 1.60 -0.01	21.58 1.50 -2.68	16.44 1.33 -0.11
FRESHKLS_33_KV_LOAD 356253	22.11 1.53 0.00	17.77 1.23 -0.36	21.84 1.48 0.00	150.15 -1.70 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.09 0.36 -28.25	25.35 1.30 -5.25	24.99 1.20 0.00	28.95 1.34 0.00	22.56 1.07 0.00	19.06 1.07 0.00	23.09 1.29 0.00	16.84 1.14 0.00	22.21 1.36 0.00	16.16 1.23 0.00	16.00 1.25 0.00	19.80 1.38 0.00	23.63 1.52 0.00	22.94 1.60 0.00	24.43 1.76 0.00	21.35 1.28 0.00	18.62 1.23 0.00	16.05 1.05 0.00
FULTON COGEN____ 23766	20.12 -0.46 0.00	15.85 -0.33 0.00	19.98 -0.40 0.00	-29.92 0.43 0.00	0.27 0.00 0.00	3.98 -0.06 0.00	5.40 -0.09 0.00	18.41 -0.38 0.00	23.13 -0.67 0.00	26.79 -0.82 0.00	20.88 -0.61 0.00	17.52 -0.47 0.00	21.29 -0.52 0.00	15.36 -0.35 0.00	20.35 -0.49 0.00	14.64 -0.29 0.00	14.47 -0.28 0.00	18.05 -0.37 0.00	21.64 -0.47 0.00	20.97 -0.38 0.00	22.33 -0.34 0.00	19.71 -0.35 0.00	17.07 -0.33 0.00	14.71 -0.29 0.00
FULTON___LFGE 323630	21.57 0.99 0.00	16.94 0.75 0.00	21.34 0.97 0.00	-31.68 -1.33 0.00	0.28 0.01 0.00	4.23 0.20 0.00	5.75 0.27 0.00	19.71 0.91 0.00	24.80 1.01 0.00	28.77 1.17 0.00	22.37 0.87 0.00	18.67 0.67 0.00	22.55 0.75 0.00	16.17 0.47 0.00	21.32 0.47 0.00	15.33 0.40 0.00	15.24 0.49 0.00	19.11 0.69 0.00	22.95 0.84 0.00	22.28 0.94 0.00	23.80 1.13 0.00	21.04 0.98 0.00	18.23 0.83 0.00	15.69 0.69 0.00
G.F.CEMENT___DRP 24184	21.99 1.41 0.00	17.33 1.14 0.00	21.86 1.49 0.00	-32.49 -2.15 0.00	0.29 0.02 0.00	4.32 0.29 0.00	5.86 0.37 0.00	20.11 1.31 0.00	25.17 1.37 0.00	29.09 1.49 0.00	22.54 1.05 0.00	18.93 0.93 0.00	23.09 1.29 0.00	16.66 0.96 0.00	22.00 1.15 0.00	15.91 0.98 0.00	15.74 0.99 0.00	19.56 1.14 0.00	23.40 1.30 0.00	22.65 1.30 0.00	24.05 1.38 0.00	21.21 1.15 0.00	18.42 1.02 0.00	15.88 0.88 0.00
GARDENVILLE___LBMP 24039	19.08 -1.50 0.00	15.06 -1.13 0.00	19.05 -1.32 0.00	-29.62 0.73 0.00	0.26 -0.01 0.00	3.87 -0.17 0.00	5.27 -0.22 0.00	17.62 -1.18 0.00	8.83 -1.66 13.31	17.92 -1.84 7.84	19.70 -1.51 0.29	15.89 -1.30 0.80	14.30 -1.45 6.07	13.49 -1.05 1.17	0.45 -1.44 18.95	-3.62 -1.02 17.52	-4.42 -1.05 18.11	9.31 -1.27 7.84	20.75 -1.36 0.00	20.41 -0.94 0.00	22.00 -0.67 0.00	19.44 -0.62 0.00	16.72 -0.68 0.00	14.46 -0.54 0.00
GARDNVLA_35_KV_LD 355827	19.17 -1.41 0.00	15.12 -1.06 0.00	19.13 -1.24 0.00	-29.68 0.67 0.00	0.26 -0.01 0.00	3.88 -0.15 0.00	5.29 -0.19 0.00	17.72 -1.08 0.00	16.04 -1.55 6.22	22.27 -1.67 3.66	19.98 -1.38 0.13	16.32 -1.19 0.49	17.67 -1.31 2.83	14.22 -0.94 0.55	10.67 -1.33 8.85	5.80 -0.93 8.18	4.92 -0.97 8.85	13.61 -1.15 3.66	20.90 -1.21 0.00	20.55 -0.79 0.00	22.15 -0.52 0.00	19.57 -0.49 0.00	16.83 -0.57 0.00	14.54 -0.46 0.00
GELCKHM___115KV_LOAD 80723	20.33 -0.25 0.00	16.01 -0.17 0.00	20.18 -0.19 0.00	-30.25 0.09 0.00	0.27 0.00 0.00	4.02 -0.02 0.00	5.46 -0.03 0.00	18.59 -0.21 0.00	23.36 -0.43 0.00	27.05 -0.55 0.00	21.09 -0.40 0.00	17.68 -0.32 0.00	21.47 -0.34 0.00	15.49 -0.21 0.00	20.52 -0.33 0.00	14.77 -0.15 0.00	14.60 -0.15 0.00	18.21 -0.21 0.00	21.83 -0.28 0.00	21.17 -0.18 0.00	22.55 -0.13 0.00	19.91 -0.15 0.00	17.24 -0.16 0.00	14.86 -0.14 0.00
GENERAL___MILLS 23808	19.14 -1.44 0.00	15.10 -1.08 0.00	19.11 -1.26 0.00	-29.64 0.70 0.00	0.26 -0.01 0.00	3.88 -0.15 0.00	5.29 -0.20 0.00	17.71 -1.09 0.00	15.67 -1.56 6.56	22.04 -1.69 3.87	19.95 -1.40 0.14	16.28 -1.21 0.50	17.49 -1.33 2.99	14.17 -0.96 0.57	10.15 -1.35 9.35	5.33 -0.95 8.64	4.46 -0.99 9.30	13.38 -1.18 3.86	20.87 -1.24 0.00	20.51 -0.83 0.00	22.12 -0.55 0.00	19.55 -0.52 0.00	16.81 -0.59 0.00	14.53 -0.47 0.00
GE_PLASTICS___DRP 24183	21.14 0.56 0.00	16.71 0.52 0.00	21.05 0.68 0.00	-31.28 -0.93 0.00	0.28 0.01 0.00	4.16 0.13 0.00	5.64 0.15 0.00	19.24 0.44 0.00	24.10 0.30 0.00	27.83 0.23 0.00	21.69 0.20 0.00	18.21 0.21 0.00	22.13 0.33 0.00	16.03 0.33 0.00	21.21 0.36 0.00	15.34 0.41 0.00	15.17 0.42 0.00	18.86 0.44 0.00	22.55 0.45 0.00	21.82 0.48 0.00	23.21 0.53 0.00	20.43 0.36 0.00	17.76 0.37 0.00	15.32 0.32 0.00
GILBOA___1 23756	21.23 0.65 0.00	16.73 0.54 0.00	21.08 0.70 0.00	-31.29 -0.95 0.00	0.28 0.01 0.00	4.17 0.14 0.00	5.64 0.15 0.00	19.27 0.47 0.00	24.13 0.33 0.00	27.88 0.28 0.00	21.74 0.24 0.00	18.27 0.27 0.00	22.20 0.39 0.00	16.07 0.37 0.00	21.26 0.41 0.00	15.37 0.45 0.00	15.19 0.44 0.00	18.89 0.47 0.00	22.61 0.50 0.00	21.89 0.54 0.00	23.29 0.61 0.00	20.50 0.44 0.00	17.83 0.43 0.00	15.38 0.38 0.00
GILBOA___2 23757	21.23 0.65 0.00	16.73 0.54 0.00	21.08 0.70 0.00	-31.29 -0.95 0.00	0.28 0.01 0.00	4.17 0.14 0.00	5.64 0.15 0.00	19.27 0.47 0.00	24.13 0.33 0.00	27.88 0.28 0.00	21.74 0.24 0.00	18.27 0.27 0.00	22.20 0.39 0.00	16.07 0.37 0.00	21.26 0.41 0.00	15.37 0.45 0.00	15.19 0.44 0.00	18.89 0.47 0.00	22.61 0.50 0.00	21.89 0.54 0.00	23.29 0.61 0.00	20.50 0.44 0.00	17.83 0.43 0.00	15.38 0.38 0.00
GILBOA___3 23758	21.23 0.65 0.00	16.73 0.54 0.00	21.08 0.70 0.00	-31.29 -0.95 0.00	0.28 0.01 0.00	4.17 0.14 0.00	5.64 0.15 0.00	19.27 0.47 0.00	24.13 0.33 0.00	27.88 0.28 0.00	21.74 0.24 0.00	18.27 0.27 0.00	22.20 0.39 0.00	16.07 0.37 0.00	21.26 0.41 0.00	15.37 0.45 0.00	15.19 0.44 0.00	18.89 0.47 0.00	22.61 0.50 0.00	21.89 0.54 0.00	23.29 0.61 0.00	20.50 0.44 0.00	17.83 0.43 0.00	15.38 0.38 0.00
GILBOA___4 23759	21.23 0.65 0.00	16.73 0.54 0.00	21.08 0.70 0.00	-31.29 -0.95 0.00	0.28 0.01 0.00	4.17 0.14 0.00	5.64 0.15 0.00	19.27 0.47 0.00	24.13 0.33 0.00	27.88 0.28 0.00	21.74 0.24 0.00	18.27 0.27 0.00	22.20 0.39 0.00	16.07 0.37 0.00	21.26 0.41 0.00	15.37 0.45 0.00	15.19 0.44 0.00	18.89 0.47 0.00	22.61 0.50 0.00	21.89 0.54 0.00	23.29 0.61 0.00	20.50 0.44 0.00	17.83 0.43 0.00	15.38 0.38 0.00

GILBOA____ 23599	21.23 0.65 0.00	16.73 0.54 0.00	21.08 0.70 0.00	-31.29 -0.95 0.00	0.28 0.01 0.00	4.17 0.14 0.00	5.64 0.15 0.00	19.27 0.47 0.00	24.13 0.33 0.00	27.88 0.28 0.00	21.74 0.24 0.00	18.27 0.27 0.00	22.20 0.39 0.00	16.07 0.37 0.00	21.26 0.41 0.00	15.37 0.45 0.00	15.19 0.44 0.00	18.89 0.47 0.00	22.61 0.50 0.00	21.89 0.54 0.00	23.29 0.61 0.00	20.50 0.44 0.00	17.83 0.43 0.00	15.38 0.38 0.00
GINNA____ 23603	18.91 -1.66 0.00	14.90 -1.29 0.00	18.79 -1.58 0.00	-28.50 1.85 0.00	0.26 -0.02 0.00	3.77 -0.26 0.00	5.14 -0.34 0.00	17.42 -1.38 0.00	21.91 -1.89 0.00	25.47 -2.13 0.00	19.79 -1.70 0.00	16.44 -1.43 0.12	20.14 -1.67 0.00	14.54 -1.17 0.00	19.23 -1.62 0.00	13.79 -1.14 0.00	13.19 -1.15 0.41	17.04 -1.38 0.00	20.53 -1.58 0.00	20.03 -1.32 0.00	21.44 -1.23 0.00	18.93 -1.14 0.00	16.32 -1.08 0.00	14.07 -0.93 0.00
GLEN PARK____ 23778	20.28 -0.30 0.00	15.79 -0.39 0.00	19.94 -0.43 0.00	-30.72 -0.37 0.00	0.27 0.00 0.00	4.08 0.05 0.00	5.56 0.07 0.00	19.01 0.22 0.00	24.07 0.27 0.00	27.65 0.05 0.00	21.31 -0.18 0.00	17.80 -0.19 0.00	21.67 -0.13 0.00	15.63 -0.07 0.00	20.72 -0.13 0.00	14.62 -0.30 0.00	14.51 -0.24 0.00	18.44 0.02 0.00	21.93 -0.17 0.00	21.02 -0.32 0.00	22.23 -0.44 0.00	19.65 -0.42 0.00	16.97 -0.43 0.00	14.76 -0.23 0.00
GLENDALE_27_KV_LOAD 356172	22.20 1.63 0.00	17.84 1.29 -0.36	21.91 1.54 0.00	150.06 -1.79 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.37 1.33 -5.25	25.09 1.29 0.00	29.00 1.40 0.00	22.69 1.19 0.00	19.14 1.15 0.00	23.21 1.41 0.00	16.92 1.22 0.00	22.31 1.46 0.00	16.25 1.32 0.00	16.04 1.29 0.00	19.85 1.44 0.00	23.68 1.57 0.00	22.96 1.62 0.00	24.45 1.77 0.00	21.42 1.35 0.00	18.66 1.27 0.00	16.12 1.12 0.00
GLENWOOD_IC_1_G5 23712	22.15 1.58 0.00	17.83 1.29 -0.36	21.98 1.61 0.00	149.57 -1.48 -181.39	41.70 0.02 -41.40	31.91 0.27 -27.60	33.97 0.35 -28.13	25.29 1.26 -5.22	25.04 1.24 0.00	28.99 1.39 0.00	22.64 1.14 0.00	19.16 1.16 0.00	23.25 1.44 0.00	16.92 1.22 0.00	45.32 1.54 -22.93	24.69 1.34 -8.43	16.56 1.33 -0.49	19.81 1.40 0.00	23.62 1.51 0.00	22.89 1.55 0.00	24.37 1.70 0.00	21.37 1.30 -0.01	22.15 1.33 -3.42	16.32 1.18 -0.14
GLENWOOD_IC_2_G1 23688	22.06 1.49 0.00	17.75 1.21 -0.36	21.88 1.51 0.00	149.58 -1.46 -181.39	41.69 0.02 -41.40	31.89 0.25 -27.60	33.95 0.33 -28.13	25.21 1.19 -5.22	24.95 1.15 0.00	28.86 1.26 0.00	22.54 1.05 0.00	19.06 1.07 0.00	23.13 1.32 0.00	16.83 1.13 0.00	23.22 1.39 -0.98	16.53 1.25 -0.36	16.00 1.23 -0.02	19.76 1.34 0.00	23.61 1.50 0.00	22.89 1.55 0.00	24.37 1.70 0.00	21.35 1.29 0.00	18.76 1.22 -0.15	16.09 1.08 -0.01
GLENWOOD_IC_3_G1 23689	22.06 1.49 0.00	17.75 1.21 -0.36	21.88 1.51 0.00	149.58 -1.46 -181.39	41.69 0.02 -41.40	31.89 0.25 -27.60	33.95 0.33 -28.13	25.21 1.19 -5.22	24.95 1.15 0.00	28.86 1.26 0.00	22.54 1.05 0.00	19.06 1.07 0.00	23.13 1.32 0.00	16.83 1.13 0.00	23.22 1.39 -0.98	16.53 1.25 -0.36	16.00 1.23 -0.02	19.76 1.34 0.00	23.61 1.50 0.00	22.89 1.55 0.00	24.37 1.70 0.00	21.35 1.29 0.00	18.76 1.22 -0.15	16.09 1.08 -0.01
GLENWOOD____4 23550	22.15 1.58 0.00	17.83 1.29 -0.36	21.98 1.61 0.00	149.57 -1.48 -181.39	41.70 0.02 -41.40	31.91 0.27 -27.60	33.97 0.35 -28.13	25.29 1.26 -5.22	25.04 1.24 0.00	28.99 1.39 0.00	22.64 1.14 0.00	19.16 1.16 0.00	23.25 1.44 0.00	16.92 1.22 0.00	45.32 1.54 -22.93	24.69 1.34 -8.43	16.56 1.33 -0.49	19.83 1.42 0.00	23.66 1.56 0.00	22.95 1.61 0.00	24.43 1.76 0.00	21.42 1.34 -0.01	22.15 1.33 -3.42	16.32 1.18 -0.14
GLENWOOD____5 23614	22.15 1.58 0.00	17.83 1.29 -0.36	21.98 1.61 0.00	149.57 -1.48 -181.39	41.70 0.02 -41.40	31.91 0.27 -27.60	33.97 0.35 -28.13	25.29 1.26 -5.22	25.04 1.24 0.00	28.99 1.39 0.00	22.64 1.14 0.00	19.16 1.16 0.00	23.25 1.44 0.00	16.92 1.22 0.00	45.32 1.54 -22.93	24.69 1.34 -8.43	16.56 1.33 -0.49	19.83 1.42 0.00	23.66 1.56 0.00	22.95 1.61 0.00	24.43 1.76 0.00	21.42 1.34 -0.01	22.15 1.33 -3.42	16.32 1.18 -0.14
GLOBAL GREEN_PORT_GT1 23814	22.37 1.79 0.00	18.38 1.84 -0.36	22.78 2.40 0.00	150.32 -0.72 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.91 0.29 -28.13	25.15 1.13 -5.22	24.78 0.99 0.00	28.93 1.32 0.00	22.44 0.95 0.00	19.13 1.14 0.00	23.31 1.50 0.00	17.03 1.33 0.00	35.74 1.76 -13.13	21.35 1.60 -4.82	16.51 1.48 -0.28	20.04 1.62 0.00	24.09 1.98 0.00	23.41 2.07 0.00	24.95 2.28 0.00	21.76 1.68 -0.01	20.88 1.52 -1.96	16.39 1.31 -0.08
GLOBE____DSASP 323697	18.51 -2.06 0.00	14.61 -1.57 0.00	18.46 -1.92 0.00	-28.59 1.76 0.00	0.26 -0.01 0.00	3.79 -0.25 0.00	5.17 -0.32 0.00	17.24 -1.55 0.00	16.47 -2.14 5.19	22.22 -2.33 3.06	19.45 -1.93 0.11	15.95 -1.64 0.41	17.59 -1.86 2.36	13.95 -1.30 0.45	11.63 -1.83 7.39	6.78 -1.31 6.83	5.97 -1.37 7.41	13.74 -1.62 3.06	20.32 -1.79 0.00	20.00 -1.35 0.00	21.56 -1.11 0.00	19.07 -1.00 0.00	16.40 -1.00 0.00	14.20 -0.80 0.00
GOETHSLN____LBMP 323567	21.98 1.40 0.00	17.67 1.12 -0.36	21.76 1.39 0.00	150.57 -1.54 -182.45	41.93 0.02 -41.65	32.04 0.24 -27.76	34.10 0.32 -28.29	25.21 1.16 -5.25	24.90 1.10 0.00	28.76 1.16 0.00	22.47 0.98 0.00	18.99 0.99 0.00	23.02 1.21 0.00	16.77 1.07 0.00	22.11 1.26 0.00	16.11 1.19 0.00	15.91 1.16 0.00	19.71 1.28 0.00	23.48 1.38 0.00	22.78 1.44 0.00	24.24 1.57 0.00	21.24 1.18 0.00	18.50 1.11 0.00	-317.36 0.97 333.33
GOLAH____69_KV_TB 1_2 80279	19.70 -0.88 0.00	15.52 -0.67 0.00	19.57 -0.80 0.00	-29.85 0.50 0.00	0.27 0.00 0.00	3.94 -0.09 0.00	5.38 -0.11 0.00	18.16 -0.64 0.00	22.87 -0.93 0.00	26.60 -1.00 0.00	20.66 -0.84 0.00	17.14 -0.73 0.13	21.01 -0.81 0.00	15.14 -0.56 0.00	20.03 -0.82 0.00	14.34 -0.59 0.00	13.66 -0.62 0.47	17.73 -0.69 0.00	21.40 -0.70 0.00	20.95 -0.40 0.00	22.48 -0.19 0.00	19.86 -0.21 0.00	17.09 -0.30 0.00	14.75 -0.25 0.00
GOODYEAR_LAKE_HYD 323669	21.18 0.60 0.00	16.66 0.47 0.00	20.98 0.61 0.00	-31.25 -0.90 0.00	0.28 0.01 0.00	4.16 0.13 0.00	5.64 0.16 0.00	19.32 0.52 0.00	24.25 0.45 0.00	28.08 0.48 0.00	21.86 0.36 0.00	18.33 0.33 0.00	22.22 0.41 0.00	16.05 0.35 0.00	21.20 0.35 0.00	15.27 0.35 0.00	15.11 0.36 0.00	18.85 0.43 0.00	22.61 0.50 0.00	21.95 0.61 0.00	23.43 0.75 0.00	20.67 0.61 0.00	17.91 0.51 0.00	15.43 0.43 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.48 -0.10 0.00	16.12 -0.07 0.00	20.37 0.00 0.00	-30.68 -0.33 0.00	0.27 0.00 0.00	4.06 0.03 0.00	5.50 0.02 0.00	18.71 -0.09 0.00	23.43 -0.36 0.00	27.14 -0.47 0.00	21.14 -0.35 0.00	17.55 -0.32 0.12	21.48 -0.33 0.00	15.51 -0.19 0.00	20.56 -0.29 0.00	14.80 -0.12 0.00	14.22 -0.11 0.42	18.25 -0.16 0.00	21.92 -0.18 0.00	21.30 -0.04 0.00	22.76 0.08 0.00	20.07 0.00 0.00	17.38 -0.02 0.00	15.00 0.00 0.00

GOUDEY___7 23579	20.48 -0.10 0.00	16.12 -0.07 0.00	20.37 0.00 0.00	-30.68 -0.33 0.00	0.27 0.00 0.00	4.06 0.03 0.00	5.50 0.02 0.00	18.71 -0.09 0.00	23.43 -0.36 0.00	27.14 -0.47 0.00	21.14 -0.35 0.00	17.55 -0.32 0.12	21.48 -0.33 0.00	15.51 -0.19 0.00	20.56 -0.29 0.00	14.80 -0.12 0.00	14.22 -0.11 0.42	18.25 -0.16 0.00	21.92 -0.18 0.00	21.30 -0.04 0.00	22.76 0.08 0.00	20.07 0.00 0.00	17.38 -0.02 0.00	15.00 0.00 0.00
GOUDEY___8 23580	20.48 -0.10 0.00	16.12 -0.07 0.00	20.37 0.00 0.00	-30.68 -0.33 0.00	0.27 0.00 0.00	4.06 0.03 0.00	5.50 0.02 0.00	18.71 -0.09 0.00	23.43 -0.36 0.00	27.14 -0.47 0.00	21.14 -0.35 0.00	17.55 -0.32 0.12	21.48 -0.33 0.00	15.51 -0.19 0.00	20.56 -0.29 0.00	14.80 -0.12 0.00	14.22 -0.11 0.42	18.25 -0.16 0.00	21.92 -0.18 0.00	21.30 -0.04 0.00	22.76 0.08 0.00	20.07 0.00 0.00	17.38 -0.02 0.00	15.00 0.00 0.00
GOWANUS_GT1_1 24077	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT1_2 24078	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT1_3 24079	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT1_4 24080	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT1_5 24084	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT1_6 24111	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT1_7 24112	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT1_8 24113	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT2_1 24114	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT2_2 24115	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT2_3 24116	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT2_4 24117	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT2_5 24118	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00

GOWANUS_GT2_6 24119	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT2_7 24120	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT2_8 24121	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT3_1 24122	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT3_2 24123	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT3_3 24124	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT3_4 24125	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT3_5 24126	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT3_6 24127	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT3_7 24128	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT3_8 24129	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
GOWANUS_GT4_1 24130	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT4_2 24131	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT4_3 24132	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT4_4 24133	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00

GOWANUS_GT4_5 24134	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT4_6 24135	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT4_7 24136	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GOWANUS_GT4_8 24137	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GREATVR_69_KV_BK1 356245	22.42 1.84 0.00	18.16 1.62 -0.36	22.42 2.05 0.00	149.66 -1.38 -181.39	41.70 0.02 -41.40	31.96 0.32 -27.60	34.03 0.41 -28.13	25.51 1.49 -5.22	25.26 1.46 0.00	29.32 1.72 0.00	22.85 1.36 0.00	19.44 1.45 0.00	23.57 1.76 0.00	17.14 1.44 0.00	36.40 1.93 -13.62	21.58 1.65 -5.01	16.69 1.65 -0.29	20.20 1.78 0.00	24.23 2.12 0.00	23.56 2.21 0.00	25.12 2.45 0.00	21.96 1.89 -0.01	21.18 1.75 -2.03	16.63 1.55 -0.08
GREENBSH_115KV_TB3 55895	21.10 0.52 0.00	16.71 0.52 0.00	21.06 0.68 0.00	-31.30 -0.96 0.00	0.28 0.01 0.00	4.16 0.13 0.00	5.63 0.15 0.00	19.20 0.40 0.00	24.03 0.23 0.00	27.74 0.14 0.00	21.62 0.12 0.00	18.15 0.15 0.00	22.07 0.27 0.00	15.99 0.29 0.00	21.15 0.30 0.00	15.30 0.38 0.00	15.14 0.38 0.00	18.81 0.39 0.00	22.50 0.39 0.00	21.76 0.42 0.00	23.13 0.46 0.00	20.36 0.30 0.00	17.71 0.32 0.00	15.28 0.28 0.00
GREENDGE_115KV_TB5 80291	20.03 -0.55 0.00	15.77 -0.41 0.00	19.93 -0.44 0.00	-30.35 0.00 0.00	0.27 0.00 0.00	3.99 -0.04 0.00	5.41 -0.07 0.00	18.34 -0.46 0.00	32.67 -0.81 -9.68	32.34 -0.99 -5.73	20.98 -0.73 -0.21	17.03 -0.67 0.29	25.49 -0.75 -4.43	16.06 -0.49 -0.85	33.88 -0.69 -13.72	27.19 -0.45 -12.72	24.29 -0.45 -10.00	23.56 -0.55 -5.69	21.55 -0.56 0.00	21.05 -0.30 0.00	22.51 -0.17 0.00	19.88 -0.18 0.00	17.15 -0.24 0.00	14.79 -0.20 0.00
GREENIDGE___3 23582	20.03 -0.55 0.00	15.77 -0.41 0.00	19.93 -0.44 0.00	-30.35 0.00 0.00	0.27 0.00 0.00	3.99 -0.04 0.00	5.41 -0.07 0.00	18.34 -0.46 0.00	32.67 -0.81 -9.68	32.34 -0.99 -5.73	20.98 -0.73 -0.21	17.03 -0.67 0.29	25.49 -0.75 -4.43	16.06 -0.49 -0.85	33.88 -0.69 -13.72	27.19 -0.45 -12.72	24.29 -0.45 -10.00	23.56 -0.55 -5.69	21.55 -0.56 0.00	21.05 -0.30 0.00	22.51 -0.17 0.00	19.88 -0.18 0.00	17.15 -0.24 0.00	14.79 -0.20 0.00
GREENIDGE___4 23583	20.03 -0.55 0.00	15.77 -0.42 0.00	19.93 -0.44 0.00	-30.33 0.02 0.00	0.27 0.00 0.00	3.99 -0.05 0.00	5.41 -0.07 0.00	18.34 -0.46 0.00	32.67 -0.81 -9.68	32.35 -0.99 -5.73	20.98 -0.73 -0.21	17.03 -0.67 0.29	25.49 -0.75 -4.43	16.06 -0.50 -0.85	33.88 -0.69 -13.72	27.19 -0.45 -12.72	24.29 -0.45 -10.00	23.56 -0.55 -5.69	21.55 -0.55 0.00	21.05 -0.30 0.00	22.51 -0.16 0.00	19.88 -0.19 0.00	17.15 -0.24 0.00	14.80 -0.20 0.00
GREENLWN_69_KV_BK 3 55738	21.95 1.37 0.00	17.77 1.23 -0.36	21.92 1.55 0.00	150.17 -0.88 -181.39	41.69 0.02 -41.40	31.87 0.23 -27.60	33.90 0.29 -28.13	25.05 1.03 -5.22	24.70 0.90 0.00	28.68 1.07 0.00	22.38 0.89 0.00	19.02 1.03 0.00	23.03 1.22 0.00	16.77 1.07 0.00	35.75 1.36 -13.54	21.12 1.22 -4.97	16.27 1.23 -0.29	19.69 1.27 0.00	23.59 1.48 0.00	22.90 1.56 0.00	24.41 1.74 0.00	21.33 1.26 -0.01	20.65 1.23 -2.02	16.22 1.14 -0.08
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00
GRISSOM___SOLAR 323813	21.59 1.01 0.00	16.96 0.78 0.00	21.36 0.99 0.00	-31.74 -1.39 0.00	0.28 0.01 0.00	4.24 0.20 0.00	5.76 0.27 0.00	19.73 0.93 0.00	24.80 1.01 0.00	28.75 1.15 0.00	22.37 0.87 0.00	18.68 0.68 0.00	22.55 0.74 0.00	16.16 0.45 0.00	21.34 0.49 0.00	15.37 0.44 0.00	15.29 0.54 0.00	19.16 0.73 0.00	22.99 0.89 0.00	22.30 0.96 0.00	23.81 1.13 0.00	21.03 0.97 0.00	18.23 0.83 0.00	15.69 0.69 0.00
GROVEVILLE___HYD 323602	22.00 1.42 0.00	17.31 1.12 0.00	21.76 1.39 0.00	-24.69 -1.73 -7.38	0.29 0.02 0.00	4.29 0.26 0.00	5.83 0.34 0.00	19.98 1.19 0.00	24.96 1.16 0.00	28.83 1.23 0.00	22.52 1.03 0.00	18.99 0.99 0.00	23.05 1.24 0.00	16.76 1.06 0.00	22.14 1.29 0.00	16.08 1.16 0.00	15.89 1.13 0.00	19.71 1.28 0.00	23.54 1.43 0.00	22.81 1.47 0.00	24.28 1.60 0.00	21.30 1.24 0.00	18.52 1.12 0.00	15.97 0.97 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.39 -0.19 0.00	16.06 -0.13 0.00	20.24 -0.13 0.00	-30.34 0.00 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.47 -0.02 0.00	18.65 -0.15 0.00	23.44 -0.35 0.00	27.15 -0.45 0.00	21.17 -0.32 0.00	17.74 -0.26 0.00	21.53 -0.27 0.00	15.55 -0.16 0.00	20.59 -0.26 0.00	14.82 -0.10 0.00	14.64 -0.11 0.00	18.27 -0.15 0.00	21.90 -0.21 0.00	21.24 -0.11 0.00	22.62 -0.06 0.00	19.98 -0.08 0.00	17.30 -0.10 0.00	14.90 -0.10 0.00
HAMLTNNY_34_KV_TB 80303	20.25 -0.33 0.00	15.96 -0.23 0.00	20.12 -0.25 0.00	-30.20 0.14 0.00	0.27 0.00 0.00	4.01 -0.03 0.00	5.45 -0.04 0.00	18.57 -0.23 0.00	23.33 -0.47 0.00	27.03 -0.57 0.00	21.09 -0.40 0.00	17.64 -0.36 0.00	21.42 -0.39 0.00	15.46 -0.24 0.00	20.47 -0.38 0.00	14.73 -0.20 0.00	14.54 -0.21 0.00	18.14 -0.27 0.00	21.77 -0.33 0.00	21.15 -0.19 0.00	22.56 -0.11 0.00	19.95 -0.11 0.00	17.26 -0.14 0.00	14.86 -0.14 0.00

HAMPSHIRE___PAPER_HYD 323593	19.96 -0.62 0.00	15.60 -0.59 0.00	19.63 -0.74 0.00	-29.81 0.54 0.00	0.27 0.00 0.00	3.95 -0.08 0.00	5.39 -0.10 0.00	18.49 -0.31 0.00	23.67 -0.12 0.00	27.41 -0.19 0.00	21.17 -0.32 0.00	17.63 -0.37 0.00	21.35 -0.46 0.00	15.35 -0.36 0.00	20.36 -0.49 0.00	14.33 -0.60 0.00	14.18 -0.57 0.00	17.96 -0.46 0.00	21.50 -0.60 0.00	20.61 -0.74 0.00	21.72 -0.95 0.00	19.24 -0.83 0.00	16.63 -0.77 0.00	14.42 -0.58 0.00
HARDSCRABBLE_WT_PWR 323673	21.07 0.50 0.00	16.63 0.45 0.00	20.95 0.58 0.00	-31.35 -1.00 0.00	0.28 0.01 0.00	4.14 0.10 0.00	5.61 0.13 0.00	19.11 0.31 0.00	23.80 0.00 0.00	27.46 -0.14 0.00	21.47 -0.03 0.00	18.02 0.03 0.00	21.83 0.02 0.00	15.68 -0.02 0.00	20.65 -0.20 0.00	14.96 0.03 0.00	14.87 0.12 0.00	18.49 0.07 0.00	22.13 0.02 0.00	21.44 0.09 0.00	22.90 0.23 0.00	20.19 0.12 0.00	17.57 0.17 0.00	15.12 0.12 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.83 1.25 0.00	16.83 0.97 0.33	21.57 1.19 0.00	-90.79 -1.44 59.01	-17.73 0.01 18.01	-7.75 0.22 12.01	-6.46 0.30 12.24	17.54 1.01 2.27	24.72 0.93 0.00	28.57 0.97 0.00	22.30 0.81 0.00	18.82 0.83 0.00	22.85 1.03 0.00	16.59 0.89 0.00	21.93 1.08 0.00	15.93 1.01 0.00	15.73 0.98 0.00	19.53 1.11 0.00	23.35 1.24 0.00	22.62 1.28 0.00	24.09 1.42 0.00	21.13 1.07 0.00	18.36 0.96 0.00	15.84 0.84 0.00
HARSNRAD_115KV_TB1 81005	18.80 -1.78 0.00	14.83 -1.35 0.00	18.74 -1.63 0.00	-29.05 1.29 0.00	0.26 -0.01 0.00	3.81 -0.23 0.00	5.21 -0.28 0.00	17.37 -1.42 0.00	16.27 -1.84 5.68	22.21 -2.04 3.35	19.66 -1.71 0.12	16.12 -1.45 0.43	17.62 -1.60 2.59	14.04 -1.17 0.50	11.18 -1.57 8.10	6.31 -1.13 7.49	5.52 -1.18 8.05	13.66 -1.41 3.35	20.50 -1.60 0.00	20.18 -1.17 0.00	21.77 -0.91 0.00	19.24 -0.82 0.00	16.54 -0.85 0.00	14.32 -0.68 0.00
HARZA MOOSE___RIVER 24016	20.59 0.01 0.00	16.10 -0.08 0.00	20.29 -0.08 0.00	-30.92 -0.57 0.00	0.28 0.00 0.00	4.10 0.07 0.00	5.58 0.09 0.00	19.05 0.26 0.00	24.03 0.24 0.00	27.71 0.11 0.00	21.41 -0.08 0.00	17.86 -0.13 0.00	21.72 -0.09 0.00	15.67 -0.03 0.00	20.73 -0.12 0.00	14.79 -0.14 0.00	14.65 -0.10 0.00	18.51 0.09 0.00	22.10 0.00 0.00	21.28 -0.07 0.00	22.52 -0.15 0.00	19.84 -0.22 0.00	17.19 -0.21 0.00	14.93 -0.07 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.34 -0.24 0.00	16.02 -0.16 0.00	20.20 -0.17 0.00	-30.28 0.06 0.00	0.27 0.00 0.00	4.02 -0.01 0.00	5.46 -0.03 0.00	18.60 -0.20 0.00	23.35 -0.44 0.00	27.05 -0.55 0.00	21.09 -0.40 0.00	17.68 -0.32 0.00	21.47 -0.34 0.00	15.50 -0.20 0.00	20.52 -0.33 0.00	14.78 -0.15 0.00	14.60 -0.15 0.00	18.21 -0.20 0.00	21.85 -0.26 0.00	21.18 -0.16 0.00	22.58 -0.09 0.00	19.93 -0.13 0.00	17.25 -0.14 0.00	14.87 -0.13 0.00
HELLGATE_13_KV_LD 55870	22.25 1.67 0.00	17.87 1.33 -0.36	21.93 1.57 0.00	150.01 -1.84 -182.19	41.88 0.02 -41.58	32.04 0.27 -27.73	34.10 0.36 -28.25	25.42 1.37 -5.25	25.12 1.32 0.00	29.04 1.44 0.00	22.72 1.23 0.00	19.18 1.18 0.00	23.25 1.44 0.00	16.95 1.25 0.00	22.34 1.49 0.00	16.27 1.34 0.00	16.06 1.31 0.00	19.88 1.46 0.00	23.71 1.61 0.00	23.00 1.65 0.00	24.47 1.80 0.00	21.45 1.38 0.00	18.69 1.29 0.00	16.14 1.14 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.25 1.67 0.00	17.87 1.33 -0.36	21.93 1.57 0.00	150.01 -1.84 -182.19	41.88 0.02 -41.58	32.04 0.27 -27.73	34.10 0.36 -28.25	25.42 1.37 -5.25	25.12 1.32 0.00	29.04 1.44 0.00	22.72 1.23 0.00	19.18 1.18 0.00	23.25 1.44 0.00	16.95 1.25 0.00	22.34 1.49 0.00	16.27 1.34 0.00	16.06 1.31 0.00	19.88 1.46 0.00	23.71 1.61 0.00	23.00 1.65 0.00	24.47 1.80 0.00	21.45 1.38 0.00	18.69 1.29 0.00	16.14 1.14 0.00
HEMPSTEAD____ 23647	22.10 1.52 0.00	17.82 1.28 -0.36	21.96 1.59 0.00	149.86 -1.18 -181.39	41.69 0.02 -41.40	31.89 0.25 -27.60	33.95 0.33 -28.13	25.22 1.20 -5.22	24.94 1.14 0.00	28.91 1.31 0.00	22.57 1.07 0.00	19.13 1.13 0.00	23.20 1.39 0.00	16.89 1.19 0.00	42.21 1.51 -19.85	23.55 1.33 -7.29	16.49 1.32 -0.42	19.84 1.42 0.00	23.71 1.60 0.00	23.01 1.67 0.00	24.51 1.84 0.00	21.46 1.39 -0.01	21.70 1.34 -2.96	16.31 1.19 -0.12
HICKLING___1 23621	20.02 -0.56 0.00	15.77 -0.42 0.00	19.98 -0.39 0.00	-30.60 -0.25 0.00	0.27 0.00 0.00	4.01 -0.03 0.00	5.42 -0.07 0.00	18.29 -0.50 0.00	26.79 -0.96 -3.96	28.95 -1.16 -2.51	20.71 -0.87 -0.09	16.70 -0.82 0.48	22.83 -0.92 -1.94	15.47 -0.61 -0.37	25.11 -0.80 -5.06	19.37 -0.53 -4.98	16.03 -0.53 -1.81	20.01 -0.65 -2.24	21.46 -0.64 0.00	20.99 -0.36 0.00	22.46 -0.21 0.00	19.82 -0.24 0.00	17.12 -0.28 0.00	14.80 -0.20 0.00
HICKLING___2 23622	20.02 -0.56 0.00	15.77 -0.42 0.00	19.98 -0.39 0.00	-30.60 -0.25 0.00	0.27 0.00 0.00	4.01 -0.03 0.00	5.42 -0.07 0.00	18.29 -0.50 0.00	26.79 -0.96 -3.96	28.95 -1.16 -2.51	20.71 -0.87 -0.09	16.70 -0.82 0.48	22.83 -0.92 -1.94	15.47 -0.61 -0.37	25.11 -0.80 -5.06	19.37 -0.53 -4.98	16.03 -0.53 -1.81	20.01 -0.65 -2.24	21.46 -0.64 0.00	20.99 -0.36 0.00	22.46 -0.21 0.00	19.82 -0.24 0.00	17.12 -0.28 0.00	14.80 -0.20 0.00
HIGH FALLS___HY 23754	21.96 1.38 0.00	17.24 1.05 0.00	21.66 1.29 0.00	-31.87 -1.52 0.00	0.29 0.02 0.00	4.27 0.24 0.00	5.81 0.32 0.00	19.92 1.12 0.00	24.88 1.08 0.00	28.75 1.15 0.00	22.45 0.95 0.00	18.97 0.97 0.00	23.02 1.21 0.00	16.72 1.02 0.00	22.11 1.26 0.00	16.04 1.12 0.00	15.84 1.09 0.00	19.67 1.25 0.00	23.51 1.41 0.00	22.81 1.46 0.00	24.29 1.62 0.00	21.30 1.23 0.00	18.50 1.11 0.00	15.95 0.95 0.00
HIGH_RIVER___SOLAR 323847	21.38 0.80 0.00	16.82 0.63 0.00	21.19 0.82 0.00	-31.51 -1.16 0.00	0.28 0.01 0.00	4.20 0.16 0.00	5.70 0.22 0.00	19.50 0.70 0.00	24.47 0.66 0.00	28.32 0.72 0.00	22.05 0.56 0.00	18.46 0.47 0.00	22.38 0.57 0.00	16.09 0.39 0.00	21.22 0.37 0.00	15.32 0.40 0.00	15.21 0.46 0.00	19.00 0.58 0.00	22.80 0.69 0.00	22.08 0.73 0.00	23.53 0.86 0.00	20.76 0.70 0.00	18.02 0.62 0.00	15.53 0.53 0.00
HILLBURN___GT 23639	21.80 1.22 0.00	16.75 0.94 0.38	21.53 1.15 0.00	-100.50 -1.33 68.82	-20.60 0.01 20.89	-9.68 0.22 13.93	-8.43 0.28 14.19	17.14 0.98 2.64	24.65 0.86 0.00	28.50 0.89 0.00	22.24 0.75 0.00	18.79 0.80 0.00	22.81 1.00 0.00	16.57 0.87 0.00	21.89 1.04 0.00	15.92 1.00 0.00	15.72 0.97 0.00	19.51 1.09 0.00	23.32 1.21 0.00	22.60 1.25 0.00	24.07 1.39 0.00	21.09 1.03 0.00	18.33 0.93 0.00	15.82 0.82 0.00
HILLSIDE_115KV_TB1 80332	19.92 -0.66 0.00	15.67 -0.51 0.00	19.87 -0.50 0.00	-30.21 0.14 0.00	0.27 0.00 0.00	3.98 -0.05 0.00	5.38 -0.10 0.00	18.21 -0.58 0.00	25.52 -1.05 -2.77	28.01 -1.25 -1.65	20.60 -0.95 -0.06	16.62 -0.89 0.48	22.11 -0.98 -1.28	15.30 -0.65 -0.25	23.87 -0.87 -3.89	17.98 -0.57 -3.63	15.62 -0.56 -1.42	19.34 -0.71 -1.62	21.34 -0.76 0.00	20.79 -0.55 0.00	22.26 -0.41 0.00	19.64 -0.42 0.00	16.99 -0.41 0.00	14.67 -0.33 0.00

HISHELDN_WT_PWR 323625	19.03 -1.54 0.00	15.05 -1.14 0.00	19.05 -1.32 0.00	-29.75 0.59 0.00	0.26 -0.01 0.00	3.85 -0.18 0.00	5.23 -0.26 0.00	17.48 -1.31 0.00	-0.30 -1.89 22.21	12.33 -2.17 13.10	19.29 -1.72 0.48	15.29 -1.51 1.20	10.00 -1.69 10.12	12.52 -1.23 1.95	-12.41 -1.61 31.65	-15.47 -1.13 29.26	-16.19 -1.17 29.78	3.88 -1.45 13.09	20.54 -1.56 0.00	20.24 -1.11 0.00	21.79 -0.88 0.00	19.26 -0.80 0.00	16.58 -0.81 0.00	14.34 -0.66 0.00
HOLTSVILLE_IC_1 23690	22.17 1.59 0.00	18.00 1.46 -0.36	22.24 1.87 0.00	150.00 -1.04 -181.39	41.70 0.02 -41.40	31.92 0.27 -27.60	33.97 0.35 -28.13	25.30 1.28 -5.22	24.97 1.17 0.00	29.02 1.42 0.00	22.59 1.10 0.00	19.24 1.25 0.00	23.33 1.52 0.00	16.98 1.28 0.00	35.61 1.66 -13.10	21.19 1.46 -4.81	16.49 1.46 -0.28	19.98 1.56 0.00	23.94 1.84 0.00	23.27 1.93 0.00	24.82 2.15 0.00	21.69 1.61 -0.01	20.88 1.53 -1.96	16.45 1.37 -0.08
HOLTSVILLE_IC_10 23699	22.24 1.66 0.00	18.06 1.52 -0.36	22.32 1.95 0.00	149.95 -1.09 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.99 0.37 -28.13	25.38 1.35 -5.22	25.06 1.27 0.00	29.13 1.53 0.00	22.66 1.18 0.00	19.32 1.32 0.00	23.41 1.60 0.00	17.03 1.33 0.00	35.83 1.76 -13.23	21.32 1.54 -4.86	16.57 1.54 -0.28	20.08 1.66 0.00	24.06 1.96 0.00	23.39 2.04 0.00	24.95 2.28 0.00	21.79 1.72 -0.01	20.99 1.62 -1.98	16.52 1.43 -0.08
HOLTSVILLE_IC_2 23691	22.17 1.59 0.00	18.00 1.46 -0.36	22.24 1.87 0.00	150.00 -1.04 -181.39	41.70 0.02 -41.40	31.92 0.27 -27.60	33.97 0.35 -28.13	25.30 1.28 -5.22	24.97 1.17 0.00	29.02 1.42 0.00	22.59 1.10 0.00	19.24 1.25 0.00	23.33 1.52 0.00	16.98 1.28 0.00	35.61 1.66 -13.10	21.19 1.46 -4.81	16.49 1.46 -0.28	19.98 1.56 0.00	23.94 1.84 0.00	23.27 1.93 0.00	24.82 2.15 0.00	21.69 1.61 -0.01	20.88 1.53 -1.96	16.45 1.37 -0.08
HOLTSVILLE_IC_3 23692	22.17 1.59 0.00	18.00 1.46 -0.36	22.24 1.87 0.00	150.00 -1.04 -181.39	41.70 0.02 -41.40	31.92 0.27 -27.60	33.97 0.35 -28.13	25.30 1.28 -5.22	24.97 1.17 0.00	29.02 1.42 0.00	22.59 1.10 0.00	19.24 1.25 0.00	23.33 1.52 0.00	16.98 1.28 0.00	35.61 1.66 -13.10	21.19 1.46 -4.81	16.49 1.46 -0.28	19.98 1.56 0.00	23.94 1.84 0.00	23.27 1.93 0.00	24.82 2.15 0.00	21.69 1.61 -0.01	20.88 1.53 -1.96	16.45 1.37 -0.08
HOLTSVILLE_IC_4 23693	22.17 1.59 0.00	18.00 1.46 -0.36	22.24 1.87 0.00	150.00 -1.04 -181.39	41.70 0.02 -41.40	31.92 0.27 -27.60	33.97 0.35 -28.13	25.30 1.28 -5.22	24.97 1.17 0.00	29.02 1.42 0.00	22.59 1.10 0.00	19.24 1.25 0.00	23.33 1.52 0.00	16.98 1.28 0.00	35.61 1.66 -13.10	21.19 1.46 -4.81	16.49 1.46 -0.28	19.98 1.56 0.00	23.94 1.84 0.00	23.27 1.93 0.00	24.82 2.15 0.00	21.69 1.61 -0.01	20.88 1.53 -1.96	16.45 1.37 -0.08
HOLTSVILLE_IC_5 23694	22.17 1.59 0.00	18.00 1.46 -0.36	22.24 1.87 0.00	150.00 -1.04 -181.39	41.70 0.02 -41.40	31.92 0.27 -27.60	33.97 0.35 -28.13	25.30 1.28 -5.22	24.97 1.17 0.00	29.02 1.42 0.00	22.59 1.10 0.00	19.24 1.25 0.00	23.33 1.52 0.00	16.98 1.28 0.00	35.61 1.66 -13.10	21.19 1.46 -4.81	16.49 1.46 -0.28	19.98 1.56 0.00	23.94 1.84 0.00	23.27 1.93 0.00	24.82 2.15 0.00	21.69 1.61 -0.01	20.88 1.53 -1.96	16.45 1.37 -0.08
HOLTSVILLE_IC_6 23695	22.24 1.66 0.00	18.06 1.52 -0.36	22.32 1.95 0.00	149.95 -1.09 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.99 0.37 -28.13	25.38 1.35 -5.22	25.06 1.27 0.00	29.13 1.53 0.00	22.66 1.18 0.00	19.32 1.32 0.00	23.41 1.60 0.00	17.03 1.33 0.00	35.83 1.76 -13.23	21.32 1.54 -4.86	16.57 1.54 -0.28	20.08 1.66 0.00	24.06 1.96 0.00	23.39 2.04 0.00	24.95 2.28 0.00	21.79 1.72 -0.01	20.99 1.62 -1.98	16.52 1.43 -0.08
HOLTSVILLE_IC_7 23696	22.24 1.66 0.00	18.06 1.52 -0.36	22.32 1.95 0.00	149.95 -1.09 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.99 0.37 -28.13	25.38 1.35 -5.22	25.06 1.27 0.00	29.13 1.53 0.00	22.66 1.18 0.00	19.32 1.32 0.00	23.41 1.60 0.00	17.03 1.33 0.00	35.83 1.76 -13.23	21.32 1.54 -4.86	16.57 1.54 -0.28	20.08 1.66 0.00	24.06 1.96 0.00	23.39 2.04 0.00	24.95 2.28 0.00	21.79 1.72 -0.01	20.99 1.62 -1.98	16.52 1.43 -0.08
HOLTSVILLE_IC_8 23697	22.24 1.66 0.00	18.06 1.52 -0.36	22.32 1.95 0.00	149.95 -1.09 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.99 0.37 -28.13	25.38 1.35 -5.22	25.06 1.27 0.00	29.13 1.53 0.00	22.66 1.18 0.00	19.32 1.32 0.00	23.41 1.60 0.00	17.03 1.33 0.00	35.83 1.76 -13.23	21.32 1.54 -4.86	16.57 1.54 -0.28	20.08 1.66 0.00	24.06 1.96 0.00	23.39 2.04 0.00	24.95 2.28 0.00	21.79 1.72 -0.01	20.99 1.62 -1.98	16.52 1.43 -0.08
HOLTSVILLE_IC_9 23698	22.24 1.66 0.00	18.06 1.52 -0.36	22.32 1.95 0.00	149.95 -1.09 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.99 0.37 -28.13	25.38 1.35 -5.22	25.06 1.27 0.00	29.13 1.53 0.00	22.66 1.18 0.00	19.32 1.32 0.00	23.41 1.60 0.00	17.03 1.33 0.00	35.83 1.76 -13.23	21.32 1.54 -4.86	16.57 1.54 -0.28	20.08 1.66 0.00	24.06 1.96 0.00	23.39 2.04 0.00	24.95 2.28 0.00	21.79 1.72 -0.01	20.99 1.62 -1.98	16.52 1.43 -0.08
HOMER_HL_115KV_TB2 355744	19.72 -0.86 0.00	15.58 -0.60 0.00	19.78 -0.59 0.00	-30.70 -0.36 0.00	0.27 0.00 0.00	4.00 -0.03 0.00	5.45 -0.04 0.00	18.31 -0.49 0.00	21.71 -0.85 1.23	25.89 -0.98 0.72	20.54 -0.92 0.03	16.75 -0.89 0.35	20.23 -1.02 0.56	14.88 -0.71 0.11	18.11 -0.98 1.75	12.64 -0.67 1.62	11.43 -0.68 2.64	16.89 -0.81 0.72	21.31 -0.80 0.00	20.88 -0.46 0.00	22.47 -0.20 0.00	19.80 -0.26 0.00	17.07 -0.33 0.00	14.82 -0.18 0.00
HOWARD_WT_PWR 323690	19.41 -1.18 0.00	15.38 -0.81 0.00	19.33 -1.04 0.00	-30.42 -0.07 0.00	0.26 -0.01 0.00	3.86 -0.17 0.00	5.21 -0.28 0.00	17.50 -1.30 0.00	42.15 -2.12 -20.47	37.12 -2.57 -12.09	19.95 -1.99 -0.44	16.45 -1.74 -0.20	29.13 -2.02 -9.34	16.07 -1.43 -1.80	48.07 -1.88 -29.10	40.56 -1.31 -26.94	37.54 -1.38 -24.17	28.90 -1.57 -12.05	20.51 -1.60 0.00	20.30 -1.05 0.00	21.56 -1.11 0.00	19.18 -0.88 0.00	16.49 -0.90 0.00	14.27 -0.73 0.00
HQ_GEN_CEDARS 23644	20.28 -0.29 0.00	15.92 -0.27 0.00	20.02 -0.35 0.00	-29.86 0.48 0.00	0.27 0.00 0.00	3.96 -0.08 0.00	5.40 -0.09 0.00	18.57 -0.23 0.00	24.07 0.27 0.00	28.06 0.46 0.00	21.79 0.30 0.00	18.13 0.13 0.00	21.91 0.09 0.00	15.73 0.02 0.00	20.90 0.05 0.00	14.66 -0.27 0.00	14.46 -0.29 0.00	18.19 -0.23 0.00	21.92 -0.18 0.00	21.03 -0.31 0.00	22.18 -0.50 0.00	19.72 -0.34 0.00	17.04 -0.35 0.00	14.69 -0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	20.28 -0.29 0.00	15.92 -0.27 0.00	20.02 -0.35 0.00	-29.86 0.49 0.00	0.27 0.00 0.00	3.95 -0.08 0.00	5.40 -0.09 0.00	18.57 -0.23 0.00	24.07 0.27 0.00	28.06 0.46 0.00	21.00 0.30 0.80	18.13 0.14 0.00	21.91 0.09 0.00	15.73 0.03 0.00	20.90 0.05 0.00	14.66 -0.27 0.00	14.46 -0.29 0.00	18.35 -0.23 -0.16	21.92 -0.18 0.00	21.03 -0.31 0.00	22.18 -0.50 0.00	19.73 -0.34 0.00	17.04 -0.35 0.00	14.69 -0.31 0.00

HQ_GEN_IMPORT 323601	20.48 -0.10 0.00	16.07 -0.11 0.00	20.20 -0.16 0.00	-30.10 0.24 0.00	0.27 0.00 0.00	4.00 -0.04 0.00	5.45 -0.04 0.00	18.73 -0.07 0.00	23.93 0.13 0.00	29.11 0.22 -1.29	20.22 0.16 1.43	18.08 0.08 0.00	21.86 0.06 0.00	15.67 -0.03 0.00	20.87 0.02 0.00	14.83 -0.10 0.00	14.65 -0.10 0.00	18.63 -0.06 -0.28	22.08 -0.03 0.00	21.25 -0.10 0.00	22.52 -0.15 0.00	20.01 -0.05 0.00	17.33 -0.07 0.00	15.26 -0.06 -0.33
HQ_GEN_WHEEL 23651	20.48 -0.10 0.00	16.07 -0.11 0.00	20.20 -0.16 0.00	-30.10 0.24 0.00	0.27 0.00 0.00	4.00 -0.04 0.00	5.45 -0.04 0.00	18.73 -0.07 0.00	23.93 0.13 0.00	29.11 0.22 -1.29	20.22 0.16 1.43	18.08 0.08 0.00	21.86 0.06 0.00	15.67 -0.03 0.00	20.87 0.02 0.00	14.83 -0.10 0.00	14.65 -0.10 0.00	18.63 -0.06 -0.28	22.08 -0.03 0.00	21.25 -0.10 0.00	22.52 -0.15 0.00	20.01 -0.05 0.00	17.33 -0.07 0.00	15.26 -0.06 -0.33
HUDSON AVE_GT_3 23810	22.12 1.54 0.00	17.77 1.23 -0.36	21.88 1.51 0.00	150.37 -1.74 -182.45	41.94 0.02 -41.65	32.06 0.26 -27.76	34.12 0.35 -28.29	25.31 1.26 -5.25	25.04 1.24 0.00	28.93 1.33 0.00	22.61 1.12 0.00	19.09 1.09 0.00	23.15 1.34 0.00	16.87 1.17 0.00	22.24 1.39 0.00	16.19 1.27 0.00	15.99 1.24 0.00	19.80 1.39 0.00	23.61 1.50 0.00	22.90 1.55 0.00	24.36 1.69 0.00	21.36 1.29 0.00	18.59 1.20 0.00	16.06 1.06 0.00
HUDSON AVE_GT_4 23540	22.12 1.54 0.00	17.77 1.23 -0.36	21.88 1.51 0.00	150.37 -1.74 -182.45	41.94 0.02 -41.65	32.06 0.26 -27.76	34.12 0.35 -28.29	25.31 1.26 -5.25	25.04 1.24 0.00	28.93 1.33 0.00	22.61 1.12 0.00	19.09 1.09 0.00	23.15 1.34 0.00	16.87 1.17 0.00	22.24 1.39 0.00	16.19 1.27 0.00	15.99 1.24 0.00	19.80 1.39 0.00	23.61 1.50 0.00	22.90 1.55 0.00	24.36 1.69 0.00	21.36 1.29 0.00	18.59 1.20 0.00	16.06 1.06 0.00
HUDSON AVE_GT_5 23657	22.12 1.54 0.00	17.77 1.23 -0.36	21.88 1.51 0.00	150.37 -1.74 -182.45	41.94 0.02 -41.65	32.06 0.26 -27.76	34.12 0.35 -28.29	25.31 1.26 -5.25	25.04 1.24 0.00	28.93 1.33 0.00	22.61 1.12 0.00	19.09 1.09 0.00	23.15 1.34 0.00	16.87 1.17 0.00	22.24 1.39 0.00	16.19 1.27 0.00	15.99 1.24 0.00	19.80 1.39 0.00	23.61 1.50 0.00	22.90 1.55 0.00	24.36 1.69 0.00	21.36 1.29 0.00	18.59 1.20 0.00	16.06 1.06 0.00
HUDSON_AVE_10 24168	22.02 1.44 0.00	17.69 1.15 -0.36	21.76 1.40 0.02	111.94 -1.59 -143.87	41.92 0.02 -41.63	32.03 0.24 -27.75	34.08 0.32 -28.28	25.23 1.18 -5.25	24.93 1.13 0.00	28.78 1.19 0.01	22.50 1.01 0.00	18.98 0.99 0.01	23.02 1.22 0.01	16.77 1.07 0.01	22.12 1.28 0.01	16.12 1.20 0.00	15.90 1.16 0.01	19.70 1.28 0.01	23.47 1.38 0.02	22.77 1.43 0.01	24.22 1.57 0.02	21.23 1.19 0.02	18.49 1.11 0.02	15.96 0.98 0.02
HUDSON___115KV_TB 4 355613	21.50 0.92 0.00	16.98 0.80 0.00	21.38 1.01 0.00	-31.80 -1.46 0.00	0.28 0.01 0.00	4.23 0.20 0.00	5.73 0.24 0.00	19.56 0.76 0.00	24.54 0.74 0.00	28.34 0.74 0.00	22.05 0.56 0.00	18.43 0.44 0.00	22.37 0.56 0.00	16.20 0.50 0.00	21.44 0.59 0.00	15.54 0.61 0.00	15.40 0.65 0.00	19.18 0.75 0.00	22.93 0.83 0.00	22.20 0.85 0.00	23.62 0.95 0.00	20.79 0.72 0.00	18.05 0.65 0.00	15.56 0.56 0.00
HUNTER MOUNT___DRP 323613	21.58 1.01 0.00	17.05 0.86 0.00	21.46 1.09 0.00	-31.95 -1.61 0.00	0.28 0.01 0.00	4.25 0.21 0.00	5.75 0.27 0.00	19.65 0.85 0.00	24.68 0.88 0.00	28.52 0.92 0.00	22.19 0.70 0.00	18.55 0.55 0.00	22.51 0.70 0.00	16.27 0.57 0.00	21.54 0.69 0.00	15.61 0.68 0.00	15.48 0.73 0.00	19.29 0.87 0.00	23.08 0.97 0.00	22.33 0.99 0.00	23.76 1.09 0.00	20.91 0.84 0.00	18.15 0.75 0.00	15.63 0.63 0.00
HUNTINGTON_RES_REC 323705	22.07 1.49 0.00	17.89 1.35 -0.36	22.08 1.71 0.00	150.07 -0.98 -181.39	41.69 0.02 -41.40	31.89 0.25 -27.60	33.93 0.32 -28.13	25.17 1.15 -5.22	24.84 1.04 0.00	28.85 1.25 0.00	22.50 1.01 0.00	19.14 1.15 0.00	23.15 1.34 0.00	16.85 1.15 0.00	35.67 1.51 -13.32	21.17 1.35 -4.89	16.39 1.35 -0.28	19.85 1.43 0.00	23.78 1.67 0.00	23.11 1.76 0.00	24.64 1.97 0.00	21.52 1.45 -0.01	20.77 1.39 -1.99	16.34 1.26 -0.08
HUNTLEY___63 23557	18.96 -1.62 0.00	14.95 -1.23 0.00	18.89 -1.48 0.00	-29.28 1.07 0.00	0.26 -0.01 0.00	3.85 -0.18 0.00	5.26 -0.23 0.00	17.57 -1.23 0.00	16.52 -1.66 5.61	22.48 -1.81 3.31	19.86 -1.51 0.12	16.28 -1.28 0.44	17.83 -1.43 2.56	14.19 -1.02 0.49	11.44 -1.41 7.99	6.52 -1.01 7.39	5.70 -1.06 7.99	13.85 -1.26 3.31	20.73 -1.38 0.00	20.39 -0.95 0.00	22.00 -0.67 0.00	19.44 -0.63 0.00	16.71 -0.69 0.00	14.45 -0.54 0.00
HUNTLEY___64 23558	18.96 -1.62 0.00	14.95 -1.23 0.00	18.89 -1.48 0.00	-29.28 1.07 0.00	0.26 -0.01 0.00	3.85 -0.18 0.00	5.26 -0.23 0.00	17.57 -1.23 0.00	16.52 -1.66 5.61	22.48 -1.81 3.31	19.86 -1.51 0.12	16.28 -1.28 0.44	17.83 -1.43 2.56	14.19 -1.02 0.49	11.44 -1.41 7.99	6.52 -1.01 7.39	5.70 -1.06 7.99	13.85 -1.26 3.31	20.73 -1.38 0.00	20.39 -0.95 0.00	22.00 -0.67 0.00	19.44 -0.63 0.00	16.71 -0.69 0.00	14.45 -0.54 0.00
HUNTLEY___65 23559	18.96 -1.62 0.00	14.95 -1.23 0.00	18.89 -1.48 0.00	-29.28 1.07 0.00	0.26 -0.01 0.00	3.85 -0.18 0.00	5.26 -0.23 0.00	17.57 -1.23 0.00	16.52 -1.66 5.61	22.48 -1.81 3.31	19.86 -1.51 0.12	16.28 -1.28 0.44	17.83 -1.43 2.56	14.19 -1.02 0.49	11.44 -1.41 7.99	6.52 -1.01 7.39	5.70 -1.06 7.99	13.85 -1.26 3.31	20.73 -1.38 0.00	20.39 -0.95 0.00	22.00 -0.67 0.00	19.44 -0.63 0.00	16.71 -0.69 0.00	14.45 -0.54 0.00
HUNTLEY___66 23560	18.96 -1.62 0.00	14.95 -1.23 0.00	18.89 -1.48 0.00	-29.28 1.07 0.00	0.26 -0.01 0.00	3.85 -0.18 0.00	5.26 -0.23 0.00	17.57 -1.23 0.00	16.52 -1.66 5.61	22.48 -1.81 3.31	19.86 -1.51 0.12	16.28 -1.28 0.44	17.83 -1.43 2.56	14.19 -1.02 0.49	11.44 -1.41 7.99	6.52 -1.01 7.39	5.70 -1.06 7.99	13.85 -1.26 3.31	20.73 -1.38 0.00	20.39 -0.95 0.00	22.00 -0.67 0.00	19.44 -0.63 0.00	16.71 -0.69 0.00	14.45 -0.54 0.00
HUNTLEY___67 23561	18.91 -1.67 0.00	14.92 -1.27 0.00	18.86 -1.51 0.00	-29.21 1.14 0.00	0.26 -0.01 0.00	3.84 -0.20 0.00	5.24 -0.25 0.00	17.51 -1.29 0.00	16.45 -1.81 5.54	22.36 -1.97 3.27	19.74 -1.64 0.12	16.16 -1.40 0.44	17.72 -1.56 2.53	14.11 -1.11 0.49	11.40 -1.56 7.89	6.52 -1.11 7.30	5.68 -1.16 7.91	13.79 -1.36 3.26	20.62 -1.48 0.00	20.29 -1.06 0.00	21.87 -0.80 0.00	19.33 -0.74 0.00	16.62 -0.77 0.00	14.38 -0.62 0.00
HUNTLEY___68 23562	18.91 -1.67 0.00	14.92 -1.27 0.00	18.86 -1.51 0.00	-29.21 1.14 0.00	0.26 -0.01 0.00	3.84 -0.20 0.00	5.24 -0.25 0.00	17.51 -1.29 0.00	16.45 -1.81 5.54	22.36 -1.97 3.27	19.74 -1.64 0.12	16.16 -1.40 0.44	17.72 -1.56 2.53	14.11 -1.11 0.49	11.40 -1.56 7.89	6.52 -1.11 7.30	5.68 -1.16 7.91	13.79 -1.36 3.26	20.62 -1.48 0.00	20.29 -1.06 0.00	21.87 -0.80 0.00	19.33 -0.74 0.00	16.62 -0.77 0.00	14.38 -0.62 0.00

HYLAND___LFGE 323620	20.19 -0.40 0.00	15.91 -0.27 0.00	20.08 -0.29 0.00	-30.96 -0.62 0.00	0.27 0.00 0.00	4.04 0.00 0.00	5.49 0.01 0.00	18.52 -0.28 0.00	45.94 -0.59 -22.74	40.24 -0.77 -13.41	21.37 -0.61 -0.49	17.98 -0.59 -0.57	31.42 -0.76 -10.37	17.07 -0.63 -2.00	52.45 -0.76 -32.36	44.34 -0.52 -29.94	42.23 -0.66 -28.13	31.18 -0.63 -13.39	21.73 -0.37 0.00	21.43 0.09 0.00	23.00 0.33 0.00	20.36 0.30 0.00	17.51 0.11 0.00	15.09 0.09 0.00
INDECK___CORINTH 23802	21.92 1.34 0.00	17.26 1.07 0.00	21.79 1.42 0.00	-32.40 -2.05 0.00	0.29 0.02 0.00	4.31 0.28 0.00	5.85 0.36 0.00	20.06 1.26 0.00	25.11 1.31 0.00	29.03 1.43 0.00	22.47 0.98 0.00	18.87 0.87 0.00	23.01 1.20 0.00	16.59 0.88 0.00	21.90 1.05 0.00	15.84 0.91 0.00	15.67 0.92 0.00	19.48 1.06 0.00	23.31 1.20 0.00	22.55 1.21 0.00	23.96 1.29 0.00	21.18 1.12 0.00	18.38 0.99 0.00	15.86 0.86 0.00
INDECK___ILION 23567	20.91 0.34 0.00	16.49 0.31 0.00	20.78 0.42 0.00	-31.03 -0.68 0.00	0.28 0.00 0.00	4.12 0.08 0.00	5.58 0.09 0.00	19.03 0.23 0.00	23.80 0.00 0.00	27.48 -0.12 0.00	21.43 -0.06 0.00	17.99 -0.01 0.00	21.82 0.01 0.00	15.74 0.04 0.00	20.76 -0.08 0.00	15.00 0.08 0.00	14.87 0.12 0.00	18.52 0.10 0.00	22.17 0.06 0.00	21.49 0.15 0.00	22.92 0.24 0.00	20.20 0.13 0.00	17.56 0.16 0.00	15.13 0.13 0.00
INDECK___OLEAN 23982	19.72 -0.86 0.00	15.58 -0.60 0.00	19.78 -0.59 0.00	-30.72 -0.37 0.00	0.27 0.00 0.00	4.00 -0.03 0.00	5.45 -0.04 0.00	18.31 -0.49 0.00	21.73 -0.84 1.23	25.90 -0.98 0.72	20.54 -0.92 0.03	16.75 -0.90 0.35	20.23 -1.02 0.56	14.89 -0.71 0.11	18.13 -0.97 1.75	12.64 -0.66 1.62	11.43 -0.68 2.64	16.90 -0.80 0.72	21.32 -0.79 0.00	20.88 -0.47 0.00	22.47 -0.20 0.00	19.81 -0.26 0.00	17.07 -0.33 0.00	14.82 -0.18 0.00
INDECK___OSWEGO 23783	20.03 -0.54 0.00	15.78 -0.40 0.00	19.89 -0.48 0.00	-29.82 0.52 0.00	0.27 0.00 0.00	3.96 -0.07 0.00	5.38 -0.11 0.00	18.35 -0.45 0.00	23.08 -0.71 0.00	26.71 -0.90 0.00	20.82 -0.67 0.00	17.45 -0.54 0.00	21.19 -0.62 0.00	15.29 -0.41 0.00	20.26 -0.59 0.00	14.55 -0.37 0.00	14.38 -0.37 0.00	17.96 -0.46 0.00	21.51 -0.60 0.00	20.83 -0.52 0.00	22.17 -0.50 0.00	19.59 -0.47 0.00	16.97 -0.43 0.00	14.64 -0.36 0.00
INDECK___YERKES 23781	18.98 -1.60 0.00	14.97 -1.22 0.00	18.92 -1.46 0.00	-29.37 0.97 0.00	0.26 -0.01 0.00	3.86 -0.18 0.00	5.26 -0.22 0.00	17.59 -1.21 0.00	16.56 -1.63 5.61	22.51 -1.78 3.31	19.87 -1.50 0.12	16.28 -1.27 0.44	17.85 -1.40 2.56	14.21 -1.00 0.49	11.50 -1.36 7.99	6.54 -0.99 7.39	5.72 -1.04 7.99	13.88 -1.24 3.31	20.76 -1.34 0.00	20.41 -0.94 0.00	22.01 -0.66 0.00	19.46 -0.61 0.00	16.72 -0.67 0.00	14.46 -0.54 0.00
INDIAN POINT_GT_1 24139	21.87 1.29 0.00	17.65 1.02 -0.45	21.64 1.26 0.00	425.21 -1.44 -456.99	162.98 0.01 -162.69	112.72 0.23 -108.47	116.30 0.29 -110.52	40.36 1.04 -20.52	24.75 0.96 0.00	28.60 1.00 0.00	22.34 0.85 0.00	18.86 0.86 0.00	22.89 1.08 0.00	16.65 0.95 0.00	21.98 1.14 0.00	15.99 1.06 0.00	15.79 1.05 0.00	19.58 1.15 0.00	23.37 1.26 0.00	22.65 1.31 0.00	24.11 1.44 0.00	21.14 1.08 0.00	18.40 1.00 0.00	15.88 0.89 0.00
INDIAN POINT_GT_2 23659	21.87 1.29 0.00	17.65 1.02 -0.45	21.64 1.26 0.00	425.21 -1.44 -456.99	162.98 0.01 -162.69	112.72 0.23 -108.47	116.30 0.29 -110.52	40.36 1.04 -20.52	24.75 0.96 0.00	28.60 1.00 0.00	22.34 0.85 0.00	18.86 0.86 0.00	22.89 1.08 0.00	16.65 0.95 0.00	21.98 1.14 0.00	15.99 1.06 0.00	15.79 1.05 0.00	19.58 1.15 0.00	23.37 1.26 0.00	22.65 1.31 0.00	24.11 1.44 0.00	21.14 1.08 0.00	18.40 1.00 0.00	15.88 0.89 0.00
INDIAN POINT_GT_3 24019	21.87 1.29 0.00	17.65 1.02 -0.45	21.64 1.26 0.00	425.21 -1.44 -456.99	162.98 0.01 -162.69	112.72 0.23 -108.47	116.30 0.29 -110.52	40.36 1.04 -20.52	24.75 0.96 0.00	28.60 1.00 0.00	22.34 0.85 0.00	18.86 0.86 0.00	22.89 1.08 0.00	16.65 0.95 0.00	21.98 1.14 0.00	15.99 1.06 0.00	15.79 1.05 0.00	19.58 1.15 0.00	23.37 1.26 0.00	22.65 1.31 0.00	24.11 1.44 0.00	21.14 1.08 0.00	18.40 1.00 0.00	15.88 0.89 0.00
INDIAN POINT___2 23530	21.82 1.24 0.00	17.90 0.98 -0.73	21.58 1.20 0.00	10.24 -1.38 -41.97	-36.97 0.01 37.25	-20.58 0.22 24.84	-19.53 0.28 25.30	15.10 1.00 4.70	24.69 0.89 0.00	28.54 0.93 0.00	22.28 0.79 0.00	18.82 0.82 0.00	22.84 1.03 0.00	16.60 0.90 0.00	21.92 1.07 0.00	15.94 1.02 0.00	15.75 1.00 0.00	19.53 1.11 0.00	23.32 1.21 0.00	22.61 1.26 0.00	24.06 1.39 0.00	21.10 1.03 0.00	18.35 0.95 0.00	15.84 0.84 0.00
INDIAN POINT___3 23531	21.93 1.35 0.00	17.58 1.08 -0.31	21.71 1.34 0.00	169.27 -1.53 -201.14	48.30 0.02 -48.02	36.28 0.24 -32.01	38.41 0.31 -32.62	25.95 1.09 -6.06	24.83 1.03 0.00	28.68 1.08 0.00	22.41 0.92 0.00	18.91 0.91 0.00	22.96 1.15 0.00	16.71 1.01 0.00	22.05 1.20 0.00	16.04 1.11 0.00	15.84 1.09 0.00	19.62 1.20 0.00	23.42 1.31 0.00	22.69 1.35 0.00	24.15 1.48 0.00	21.19 1.13 0.00	18.45 1.05 0.00	15.92 0.92 0.00
INGHAM_C_115KV_TB7 356103	21.15 0.57 0.00	16.70 0.52 0.00	21.04 0.67 0.00	-31.48 -1.14 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.63 0.14 0.00	19.17 0.37 0.00	23.85 0.05 0.00	27.51 -0.09 0.00	21.52 0.02 0.00	18.07 0.07 0.00	21.87 0.06 0.00	15.72 0.02 0.00	20.72 -0.13 0.00	15.04 0.12 0.00	14.98 0.23 0.00	18.60 0.18 0.00	22.26 0.15 0.00	21.57 0.23 0.00	23.07 0.39 0.00	20.32 0.26 0.00	17.69 0.29 0.00	15.21 0.21 0.00
IP CORINTH___1 23988	21.92 1.34 0.00	17.26 1.08 0.00	21.79 1.42 0.00	-32.40 -2.05 0.00	0.29 0.02 0.00	4.31 0.28 0.00	5.85 0.36 0.00	20.06 1.26 0.00	25.11 1.31 0.00	29.03 1.43 0.00	22.47 0.98 0.00	18.87 0.87 0.00	23.01 1.20 0.00	16.59 0.88 0.00	21.90 1.05 0.00	15.84 0.91 0.00	15.67 0.92 0.00	19.48 1.06 0.00	23.31 1.20 0.00	22.55 1.21 0.00	23.96 1.29 0.00	21.18 1.12 0.00	18.38 0.99 0.00	15.86 0.86 0.00
IP___TICONDEROGA 23804	23.27 2.69 0.00	18.36 2.17 0.00	23.02 2.66 0.00	-34.24 -3.89 0.00	0.30 0.03 0.00	4.51 0.47 0.00	6.08 0.60 0.00	21.05 2.25 0.00	26.16 2.37 0.00	30.10 2.50 0.00	23.33 1.83 0.00	19.63 1.63 0.00	24.55 2.74 0.00	17.76 2.06 0.00	23.24 2.39 0.00	16.72 1.79 0.00	16.53 1.78 0.00	20.37 1.95 0.00	24.25 2.14 0.00	23.47 2.13 0.00	24.80 2.13 0.00	21.59 1.52 0.00	18.71 1.32 0.00	16.03 1.03 0.00
ISLIP_RES_REC 323679	22.31 1.73 0.00	18.11 1.57 -0.36	22.39 2.02 0.00	149.87 -1.18 -181.39	41.70 0.02 -41.40	31.94 0.30 -27.60	34.00 0.39 -28.13	25.43 1.41 -5.22	25.13 1.33 0.00	29.22 1.62 0.00	22.73 1.24 0.00	19.37 1.37 0.00	23.48 1.67 0.00	17.07 1.37 0.00	35.99 1.83 -13.31	21.41 1.59 -4.89	16.63 1.59 -0.28	20.15 1.73 0.00	24.15 2.05 0.00	23.49 2.14 0.00	25.05 2.38 0.00	21.88 1.82 -0.01	21.07 1.68 -1.99	16.57 1.49 -0.08

JAMAICA__27_KV_LOAD 355505	22.13 1.55 0.00	17.77 1.23 -0.36	21.85 1.49 0.02	111.81 -1.71 -143.87	41.92 0.02 -41.63	32.05 0.26 -27.75	34.11 0.34 -28.28	25.34 1.29 -5.25	25.06 1.26 0.00	28.89 1.30 0.01	22.59 1.10 0.00	19.05 1.06 0.01	23.10 1.30 0.01	16.83 1.14 0.01	22.19 1.35 0.01	16.19 1.27 0.00	15.96 1.22 0.01	19.78 1.36 0.01	23.56 1.47 0.02	22.86 1.52 0.01	24.32 1.67 0.02	21.33 1.28 0.02	18.58 1.19 0.02	16.03 1.05 0.02
JANIS__SOLAR 323808	21.04 0.46 0.00	16.58 0.39 0.00	20.89 0.52 0.00	-31.50 -1.16 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.64 0.15 0.00	19.19 0.40 0.00	25.56 0.24 -1.52	28.63 0.12 -0.90	21.56 0.03 -0.03	18.73 0.07 -0.66	22.45 -0.06 -0.70	15.74 -0.09 -0.13	22.81 -0.19 -2.15	16.90 -0.03 -2.00	18.86 0.08 -4.03	19.42 0.10 -0.89	22.31 0.21 0.00	21.72 0.37 0.00	23.22 0.54 0.00	20.51 0.44 0.00	17.76 0.36 0.00	15.25 0.25 0.00
JARVIS____ 23743	20.71 0.13 0.00	16.32 0.13 0.00	20.57 0.19 0.00	-30.68 -0.34 0.00	0.27 0.00 0.00	4.08 0.05 0.00	5.54 0.05 0.00	18.91 0.11 0.00	23.72 -0.08 0.00	27.43 -0.17 0.00	21.36 -0.13 0.00	17.91 -0.08 0.00	21.76 -0.05 0.00	15.72 0.02 0.00	20.80 -0.05 0.00	14.99 0.07 0.00	14.81 0.07 0.00	18.47 0.05 0.00	22.12 0.01 0.00	21.42 0.07 0.00	22.79 0.12 0.00	20.09 0.02 0.00	17.45 0.06 0.00	15.06 0.06 0.00
JENNISON____1 23625	21.11 0.53 0.00	16.64 0.46 0.00	20.96 0.59 0.00	-31.74 -1.40 0.00	0.28 0.01 0.00	4.14 0.10 0.00	5.61 0.12 0.00	19.12 0.32 0.00	23.88 0.08 0.00	27.40 -0.20 0.00	21.26 -0.24 0.00	18.02 -0.10 -0.12	21.47 -0.33 0.00	15.42 -0.28 0.00	20.40 -0.45 0.00	14.74 -0.18 0.00	15.08 -0.11 -0.44	18.27 -0.15 0.00	21.93 -0.17 0.00	21.34 0.00 0.00	22.91 0.23 0.00	20.23 0.16 0.00	17.57 0.17 0.00	15.09 0.10 0.00
JENNISON____2 23626	21.11 0.53 0.00	16.64 0.46 0.00	20.96 0.59 0.00	-31.74 -1.40 0.00	0.28 0.01 0.00	4.14 0.10 0.00	5.61 0.12 0.00	19.12 0.32 0.00	23.88 0.08 0.00	27.40 -0.20 0.00	21.26 -0.24 0.00	18.02 -0.10 -0.12	21.47 -0.33 0.00	15.42 -0.28 0.00	20.40 -0.45 0.00	14.74 -0.18 0.00	15.08 -0.11 -0.44	18.27 -0.15 0.00	21.93 -0.17 0.00	21.34 0.00 0.00	22.91 0.23 0.00	20.23 0.16 0.00	17.57 0.17 0.00	15.09 0.10 0.00
JERICOHO_RISE_WT_PWR 323719	20.44 -0.14 0.00	16.03 -0.15 0.00	20.18 -0.18 0.00	-30.03 0.31 0.00	0.27 0.00 0.00	3.97 -0.06 0.00	5.42 -0.06 0.00	18.67 -0.13 0.00	24.02 0.23 0.00	28.03 0.43 0.00	21.74 0.25 0.00	18.00 0.00 0.00	21.73 -0.08 0.00	15.61 -0.09 0.00	20.71 -0.14 0.00	14.52 -0.41 0.00	14.29 -0.46 0.00	17.90 -0.52 0.00	21.49 -0.62 0.00	20.68 -0.66 0.00	21.82 -0.85 0.00	19.43 -0.63 0.00	16.79 -0.61 0.00	14.43 -0.56 0.00
KATONAH__115KV_46KV_TB4 355592	22.02 1.44 0.00	17.58 1.15 -0.25	21.80 1.43 0.00	101.61 -1.67 -133.62	30.11 0.02 -29.82	24.17 0.25 -19.88	26.07 0.33 -20.26	23.74 1.18 -3.76	24.94 1.15 0.00	28.84 1.24 0.00	22.53 1.04 0.00	19.01 1.01 0.00	23.07 1.27 0.00	16.79 1.09 0.00	22.17 1.32 0.00	16.12 1.19 0.00	15.92 1.17 0.00	19.72 1.30 0.00	23.54 1.44 0.00	22.82 1.47 0.00	24.29 1.62 0.00	21.30 1.24 0.00	18.54 1.14 0.00	16.00 1.00 0.00
KCE_NY_1 323755	21.71 1.13 0.00	17.11 0.92 0.00	21.57 1.20 0.00	-32.04 -1.70 0.00	0.29 0.02 0.00	4.27 0.24 0.00	5.80 0.31 0.00	19.85 1.05 0.00	24.84 1.04 0.00	28.73 1.13 0.00	22.31 0.82 0.00	18.70 0.71 0.00	22.82 1.01 0.00	16.46 0.76 0.00	21.76 0.91 0.00	15.73 0.81 0.00	15.56 0.82 0.00	19.37 0.95 0.00	23.21 1.10 0.00	22.42 1.08 0.00	23.84 1.17 0.00	21.03 0.96 0.00	18.23 0.84 0.00	15.72 0.72 0.00
KCE_NY_6_ESR 323823	19.14 -1.44 0.00	15.11 -1.08 0.00	19.12 -1.25 0.00	-29.71 0.64 0.00	0.26 -0.01 0.00	3.88 -0.15 0.00	5.29 -0.20 0.00	17.71 -1.09 0.00	15.69 -1.55 6.56	22.05 -1.68 3.87	19.95 -1.40 0.14	16.28 -1.21 0.50	17.50 -1.32 2.99	14.17 -0.96 0.57	10.17 -1.34 9.35	5.35 -0.94 8.64	4.47 -0.98 9.30	13.39 -1.17 3.86	20.89 -1.22 0.00	20.52 -0.83 0.00	22.13 -0.54 0.00	19.55 -0.51 0.00	16.81 -0.59 0.00	14.53 -0.47 0.00
KEDC_PORT_JEFF_GT2 24210	22.23 1.65 0.00	18.06 1.51 -0.36	22.32 1.95 0.00	149.89 -1.15 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.98 0.37 -28.13	25.36 1.34 -5.22	25.05 1.25 0.00	29.11 1.51 0.00	22.66 1.18 0.00	19.31 1.32 0.00	23.38 1.57 0.00	17.01 1.31 0.00	35.76 1.73 -13.19	21.28 1.51 -4.84	16.54 1.51 -0.28	20.05 1.63 0.00	24.02 1.91 0.00	23.35 2.01 0.00	24.91 2.24 0.00	21.76 1.69 -0.01	20.95 1.59 -1.97	16.49 1.41 -0.08
KEDC_PORT_JEFF_GT3 24211	22.23 1.65 0.00	18.06 1.51 -0.36	22.32 1.95 0.00	149.89 -1.15 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.98 0.37 -28.13	25.36 1.34 -5.22	25.05 1.25 0.00	29.11 1.51 0.00	22.66 1.18 0.00	19.31 1.32 0.00	23.38 1.57 0.00	17.01 1.31 0.00	35.76 1.73 -13.19	21.28 1.51 -4.84	16.54 1.51 -0.28	20.05 1.63 0.00	24.02 1.91 0.00	23.35 2.01 0.00	24.91 2.24 0.00	21.76 1.69 -0.01	20.95 1.59 -1.97	16.49 1.41 -0.08
KEDC_GLWD_GT4 24219	22.16 1.58 0.00	17.83 1.29 -0.36	21.98 1.61 0.00	149.57 -1.48 -181.39	41.70 0.02 -41.40	31.91 0.27 -27.60	33.97 0.35 -28.13	25.29 1.26 -5.22	25.03 1.23 0.00	28.99 1.39 0.00	22.64 1.14 0.00	19.15 1.16 0.00	23.25 1.44 0.00	16.92 1.22 0.00	45.31 1.54 -22.93	24.69 1.34 -8.43	16.56 1.32 -0.49	19.81 1.39 0.00	23.62 1.51 0.00	22.89 1.55 0.00	24.37 1.70 0.00	21.37 1.30 -0.01	22.15 1.33 -3.42	16.32 1.18 -0.14
KEDC_GLWD_GT5 24220	22.16 1.58 0.00	17.83 1.29 -0.36	21.98 1.61 0.00	149.57 -1.48 -181.39	41.70 0.02 -41.40	31.91 0.27 -27.60	33.97 0.35 -28.13	25.29 1.26 -5.22	25.03 1.23 0.00	28.99 1.39 0.00	22.64 1.14 0.00	19.15 1.16 0.00	23.25 1.44 0.00	16.92 1.22 0.00	45.31 1.54 -22.93	24.69 1.34 -8.43	16.56 1.32 -0.49	19.81 1.39 0.00	23.62 1.51 0.00	22.89 1.55 0.00	24.37 1.70 0.00	21.37 1.30 -0.01	22.15 1.33 -3.42	16.32 1.18 -0.14
KENSICO____ 23655	21.96 1.38 0.00	17.66 1.10 -0.37	21.74 1.37 0.00	161.41 -1.58 -193.33	44.89 0.02 -44.60	34.01 0.24 -29.73	36.10 0.31 -30.30	25.54 1.12 -5.63	24.86 1.06 0.00	28.73 1.13 0.00	22.45 0.95 0.00	18.94 0.95 0.00	22.99 1.19 0.00	16.73 1.03 0.00	22.09 1.24 0.00	16.07 1.14 0.00	15.87 1.12 0.00	19.66 1.23 0.00	23.45 1.35 0.00	22.74 1.39 0.00	24.20 1.53 0.00	21.22 1.16 0.00	18.48 1.08 0.00	15.96 0.95 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.90 1.32 0.00	17.14 1.02 0.06	21.62 1.25 0.00	-31.84 -1.49 0.00	0.29 0.01 0.00	4.26 0.23 0.00	5.79 0.31 0.00	19.87 1.08 0.00	24.84 1.04 0.00	28.70 1.10 0.00	22.40 0.91 0.00	18.91 0.91 0.00	22.95 1.14 0.00	16.66 0.96 0.00	22.03 1.18 0.00	15.97 1.05 0.00	15.78 1.03 0.00	19.60 1.18 0.00	23.43 1.32 0.00	22.72 1.38 0.00	24.20 1.53 0.00	21.23 1.17 0.00	18.44 1.04 0.00	15.90 0.90 0.00

KIAC_JFK_GT1 23816	22.02 1.45 0.00	17.69 1.14 -0.36	21.73 1.38 0.02	112.00 -1.53 -143.87	41.92 0.02 -41.63	32.02 0.24 -27.75	34.08 0.31 -28.28	25.24 1.19 -5.25	24.93 1.13 0.00	28.75 1.16 0.01	22.47 0.98 0.00	18.96 0.97 0.01	22.99 1.19 0.01	16.75 1.06 0.01	22.09 1.25 0.01	16.11 1.19 0.00	15.88 1.14 0.01	19.68 1.27 0.01	23.44 1.35 0.02	22.74 1.40 0.01	24.18 1.53 0.02	21.21 1.16 0.02	18.47 1.09 0.02	15.96 0.97 0.02
KIAC_JFK_GT2 23817	22.02 1.45 0.00	17.69 1.14 -0.36	21.73 1.38 0.02	112.00 -1.53 -143.87	41.92 0.02 -41.63	32.02 0.24 -27.75	34.08 0.31 -28.28	25.24 1.19 -5.25	24.93 1.13 0.00	28.75 1.16 0.01	22.47 0.98 0.00	18.96 0.97 0.01	22.99 1.19 0.01	16.75 1.06 0.01	22.09 1.25 0.01	16.11 1.19 0.00	15.88 1.14 0.01	19.68 1.27 0.01	23.44 1.35 0.02	22.74 1.40 0.01	24.18 1.53 0.02	21.21 1.16 0.02	18.47 1.09 0.02	15.96 0.97 0.02
KIAC_JFK____ 323774	22.02 1.45 0.00	17.69 1.14 -0.36	21.73 1.38 0.02	111.99 -1.54 -143.87	41.92 0.02 -41.63	32.02 0.24 -27.75	34.08 0.31 -28.28	25.24 1.19 -5.25	24.93 1.13 0.00	28.75 1.16 0.01	22.47 0.98 0.00	18.96 0.97 0.01	22.99 1.19 0.01	16.75 1.06 0.01	22.08 1.24 0.01	16.11 1.19 0.00	15.88 1.14 0.01	19.68 1.26 0.01	23.44 1.35 0.02	22.74 1.40 0.01	24.19 1.53 0.02	21.21 1.16 0.02	18.47 1.09 0.02	15.96 0.97 0.02
KINTIGH__24_KV_GSU 356498	19.08 -1.50 0.00	15.06 -1.13 0.00	19.02 -1.35 0.00	-29.28 1.06 0.00	0.26 -0.01 0.00	3.86 -0.18 0.00	5.26 -0.22 0.00	17.66 -1.14 0.00	18.84 -1.60 3.36	23.85 -1.77 1.98	19.93 -1.49 0.07	16.42 -1.28 0.30	18.84 -1.43 1.53	14.41 -1.00 0.30	14.67 -1.39 4.79	9.50 -1.00 4.43	8.79 -1.04 4.92	15.22 -1.22 1.98	20.78 -1.33 0.00	20.37 -0.97 0.00	21.92 -0.76 0.00	19.37 -0.70 0.00	16.67 -0.72 0.00	14.42 -0.58 0.00
KINTIGH____ 23543	19.07 -1.51 0.00	15.04 -1.14 0.00	19.00 -1.37 0.00	-29.22 1.13 0.00	0.26 -0.01 0.00	3.85 -0.18 0.00	5.26 -0.23 0.00	17.64 -1.16 0.00	18.80 -1.64 3.36	23.81 -1.81 1.98	19.91 -1.51 0.07	16.40 -1.29 0.30	18.82 -1.46 1.53	14.39 -1.02 0.30	14.62 -1.43 4.79	9.47 -1.02 4.43	8.76 -1.06 4.92	15.19 -1.25 1.98	20.75 -1.36 0.00	20.36 -0.99 0.00	21.89 -0.78 0.00	19.35 -0.72 0.00	16.66 -0.74 0.00	14.41 -0.59 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.72 0.13 0.00	16.27 0.08 0.00	20.48 0.10 0.00	-30.45 -0.10 0.00	0.27 0.00 0.00	4.02 -0.01 0.00	5.49 0.00 0.00	18.92 0.13 0.00	24.29 0.49 0.00	28.38 0.78 0.00	22.03 0.53 0.00	18.26 0.27 0.00	22.04 0.24 0.00	15.85 0.15 0.00	20.99 0.14 0.00	14.75 -0.17 0.00	14.50 -0.25 0.00	18.13 -0.29 0.00	21.77 -0.34 0.00	20.97 -0.37 0.00	22.16 -0.51 0.00	19.67 -0.39 0.00	17.03 -0.37 0.00	14.61 -0.39 0.00
LACHUTE____HYDRO 323717	23.27 2.69 0.00	18.36 2.17 0.00	23.02 2.66 0.00	-34.24 -3.89 0.00	0.30 0.03 0.00	4.51 0.47 0.00	6.08 0.60 0.00	21.05 2.25 0.00	26.16 2.37 0.00	30.10 2.50 0.00	23.33 1.83 0.00	19.63 1.63 0.00	24.55 2.74 0.00	17.76 2.06 0.00	23.24 2.39 0.00	16.72 1.79 0.00	16.53 1.78 0.00	20.37 1.95 0.00	24.25 2.14 0.00	23.47 2.13 0.00	24.80 2.13 0.00	21.59 1.52 0.00	18.71 1.32 0.00	16.03 1.03 0.00
LAWRNCV_115KV_TB1 80681	19.96 -0.62 0.00	15.64 -0.55 0.00	19.67 -0.70 0.00	-29.40 0.94 0.00	0.26 -0.01 0.00	3.90 -0.14 0.00	5.32 -0.17 0.00	18.31 -0.48 0.00	23.74 -0.06 0.00	27.68 0.07 0.00	21.46 -0.03 0.00	17.86 -0.13 0.00	21.56 -0.26 0.00	15.48 -0.23 0.00	20.56 -0.29 0.00	14.40 -0.52 0.00	14.21 -0.54 0.00	17.91 -0.51 0.00	21.58 -0.53 0.00	20.68 -0.67 0.00	21.77 -0.90 0.00	19.37 -0.69 0.00	16.72 -0.68 0.00	14.42 -0.58 0.00
LEDERLE____ 23769	21.86 1.28 0.00	16.78 1.00 0.40	21.59 1.22 0.00	-105.97 -1.45 74.18	-22.18 0.01 22.46	-10.72 0.23 14.98	-9.47 0.30 15.26	17.00 1.04 2.84	24.74 0.94 0.00	28.59 0.99 0.00	22.31 0.82 0.00	18.86 0.86 0.00	22.88 1.07 0.00	16.63 0.93 0.00	21.97 1.12 0.00	15.97 1.05 0.00	15.78 1.03 0.00	19.58 1.15 0.00	23.39 1.28 0.00	22.68 1.33 0.00	24.15 1.48 0.00	21.16 1.10 0.00	18.39 0.99 0.00	15.87 0.87 0.00
LIGHTHSE_115KV_TB6 355974	20.20 -0.38 0.00	15.85 -0.33 0.00	19.99 -0.38 0.00	-30.26 0.09 0.00	0.27 0.00 0.00	4.02 -0.02 0.00	5.45 -0.04 0.00	18.60 -0.19 0.00	23.42 -0.37 0.00	27.05 -0.55 0.00	21.04 -0.45 0.00	17.63 -0.36 0.00	21.43 -0.38 0.00	15.45 -0.25 0.00	20.48 -0.37 0.00	14.63 -0.30 0.00	14.46 -0.29 0.00	18.15 -0.27 0.00	21.71 -0.40 0.00	20.96 -0.38 0.00	22.30 -0.37 0.00	19.71 -0.35 0.00	17.05 -0.34 0.00	14.75 -0.25 0.00
LINDEN COGEN____ 23786	21.97 1.39 0.00	17.66 1.12 -0.36	21.74 1.37 0.00	150.59 -1.53 -182.45	41.93 0.02 -41.65	32.04 0.24 -27.76	34.09 0.31 -28.29	25.20 1.15 -5.25	24.88 1.09 0.00	28.75 1.15 0.00	22.46 0.97 0.00	18.98 0.98 0.00	23.00 1.19 0.00	16.77 1.07 0.00	22.10 1.25 0.00	16.10 1.18 0.00	15.90 1.16 0.00	19.70 1.27 0.00	23.47 1.37 0.00	22.77 1.43 0.00	24.23 1.55 0.00	21.24 1.17 0.00	18.50 1.10 0.00	-317.36 0.97 333.33
LINDHRST_69_KV_BK1 356055	22.39 1.81 0.00	18.10 1.55 -0.36	22.32 1.95 0.00	149.65 -1.40 -181.39	41.70 0.02 -41.40	31.95 0.31 -27.60	34.02 0.40 -28.13	25.46 1.44 -5.22	25.21 1.42 0.00	29.25 1.66 0.00	22.82 1.32 0.00	19.40 1.40 0.00	23.50 1.70 0.00	17.10 1.40 0.00	38.08 1.86 -15.37	22.17 1.60 -5.65	16.67 1.59 -0.33	20.15 1.73 0.00	24.14 2.03 0.00	23.46 2.12 0.00	25.03 2.35 0.00	21.88 1.81 -0.01	21.36 1.67 -2.30	16.57 1.48 -0.09
LIPA_MISC_IPP 23656	22.12 1.55 0.00	18.02 1.48 -0.36	22.30 1.93 0.00	150.01 -1.04 -181.39	41.70 0.02 -41.40	31.92 0.27 -27.60	33.96 0.34 -28.13	25.30 1.28 -5.22	24.95 1.15 0.00	29.02 1.42 0.00	22.52 1.04 0.00	19.23 1.23 0.00	23.37 1.56 0.00	17.00 1.30 0.00	35.65 1.68 -13.12	21.24 1.49 -4.82	16.51 1.48 -0.28	20.02 1.60 0.00	23.99 1.89 0.00	23.32 1.98 0.00	24.88 2.21 0.00	21.73 1.66 -0.01	20.92 1.57 -1.96	16.47 1.39 -0.08
LISF____SOLAR 323691	22.15 1.57 0.00	18.04 1.50 -0.36	22.34 1.97 0.00	149.93 -1.11 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.97 0.35 -28.13	25.33 1.31 -5.22	24.97 1.17 0.00	29.05 1.45 0.00	22.54 1.05 0.00	19.25 1.26 0.00	23.40 1.59 0.00	17.02 1.32 0.00	35.70 1.71 -13.14	21.27 1.52 -4.83	16.53 1.50 -0.28	20.05 1.63 0.00	24.04 1.93 0.00	23.37 2.02 0.00	24.93 2.26 0.00	21.78 1.71 -0.01	20.96 1.61 -1.96	16.50 1.42 -0.08
LITTLE FALLS____HYD 24013	21.15 0.57 0.00	16.70 0.52 0.00	21.04 0.67 0.00	-31.48 -1.14 0.00	0.28 0.01 0.00	4.15 0.12 0.00	5.63 0.14 0.00	19.17 0.37 0.00	23.85 0.05 0.00	27.51 -0.09 0.00	21.52 0.02 0.00	18.07 0.07 0.00	21.87 0.06 0.00	15.72 0.02 0.00	20.72 -0.13 0.00	15.04 0.12 0.00	14.98 0.23 0.00	18.60 0.18 0.00	22.26 0.15 0.00	21.57 0.23 0.00	23.07 0.39 0.00	20.32 0.26 0.00	17.69 0.29 0.00	15.21 0.21 0.00

LITTLRIV_115KV_TB1 356100	20.22 -0.36 0.00	15.84 -0.35 0.00	19.92 -0.46 0.00	-29.78 0.57 0.00	0.26 -0.01 0.00	3.94 -0.09 0.00	5.39 -0.10 0.00	18.56 -0.24 0.00	24.08 0.28 0.00	28.08 0.48 0.00	21.76 0.27 0.00	18.10 0.10 0.00	21.86 0.05 0.00	15.68 -0.02 0.00	20.83 -0.01 0.00	14.60 -0.33 0.00	14.42 -0.33 0.00	18.19 -0.23 0.00	21.92 -0.19 0.00	20.99 -0.35 0.00	22.13 -0.55 0.00	19.69 -0.37 0.00	16.97 -0.43 0.00	14.62 -0.38 0.00
LI_NEWBRDGE___DRP 323616	22.04 1.46 0.00	17.80 1.26 -0.36	21.94 1.57 0.00	150.05 -1.00 -181.39	41.69 0.02 -41.40	31.88 0.24 -27.60	33.93 0.31 -28.13	25.15 1.13 -5.22	24.85 1.05 0.00	28.81 1.21 0.00	22.48 0.99 0.00	19.08 1.08 0.00	23.15 1.34 0.00	16.85 1.15 0.00	34.53 1.46 -12.22	20.70 1.29 -4.49	16.31 1.30 -0.26	19.80 1.38 0.00	23.69 1.58 0.00	23.00 1.66 0.00	24.51 1.84 0.00	21.44 1.37 -0.01	20.54 1.32 -1.83	16.26 1.19 -0.08
LOCKPORT_115KV_TB60_63_64 80432	18.80 -1.77 0.00	14.83 -1.35 0.00	18.73 -1.64 0.00	-29.05 1.30 0.00	0.26 -0.01 0.00	3.81 -0.23 0.00	5.21 -0.28 0.00	17.38 -1.42 0.00	16.88 -1.80 5.13	22.58 -2.00 3.02	19.69 -1.69 0.11	16.17 -1.42 0.41	17.91 -1.56 2.34	14.10 -1.15 0.45	12.01 -1.54 7.30	7.07 -1.10 6.75	6.28 -1.15 7.31	14.02 -1.38 3.02	20.51 -1.60 0.00	20.18 -1.17 0.00	21.77 -0.90 0.00	19.25 -0.81 0.00	16.55 -0.85 0.00	14.32 -0.68 0.00
LOCKPORT___CC1 323769	18.80 -1.78 0.00	14.83 -1.35 0.00	18.74 -1.63 0.00	-29.12 1.23 0.00	0.26 -0.01 0.00	3.82 -0.22 0.00	5.21 -0.28 0.00	17.38 -1.41 0.00	16.30 -1.81 5.68	22.22 -2.03 3.35	19.66 -1.71 0.12	16.11 -1.46 0.43	17.63 -1.59 2.59	14.04 -1.16 0.50	11.21 -1.54 8.10	6.32 -1.12 7.49	5.54 -1.16 8.05	13.68 -1.39 3.35	20.52 -1.59 0.00	20.18 -1.17 0.00	21.77 -0.91 0.00	19.24 -0.82 0.00	16.54 -0.86 0.00	14.32 -0.68 0.00
LOCKPORT___CC2 323770	18.80 -1.78 0.00	14.83 -1.35 0.00	18.74 -1.63 0.00	-29.12 1.23 0.00	0.26 -0.01 0.00	3.82 -0.22 0.00	5.21 -0.28 0.00	17.38 -1.41 0.00	16.30 -1.81 5.68	22.22 -2.03 3.35	19.66 -1.71 0.12	16.11 -1.46 0.43	17.63 -1.59 2.59	14.04 -1.16 0.50	11.21 -1.54 8.10	6.32 -1.12 7.49	5.54 -1.16 8.05	13.68 -1.39 3.35	20.52 -1.59 0.00	20.18 -1.17 0.00	21.77 -0.91 0.00	19.24 -0.82 0.00	16.54 -0.86 0.00	14.32 -0.68 0.00
LOCKPORT___CC3 323771	18.80 -1.78 0.00	14.83 -1.35 0.00	18.74 -1.63 0.00	-29.12 1.23 0.00	0.26 -0.01 0.00	3.82 -0.22 0.00	5.21 -0.28 0.00	17.38 -1.41 0.00	16.30 -1.81 5.68	22.22 -2.03 3.35	19.66 -1.71 0.12	16.11 -1.46 0.43	17.63 -1.59 2.59	14.04 -1.16 0.50	11.21 -1.54 8.10	6.32 -1.12 7.49	5.54 -1.16 8.05	13.68 -1.39 3.35	20.52 -1.59 0.00	20.18 -1.17 0.00	21.77 -0.91 0.00	19.24 -0.82 0.00	16.54 -0.86 0.00	14.32 -0.68 0.00
LOCUSVLY_69_KV_BK2 55797	22.18 1.60 0.00	17.88 1.33 -0.36	22.03 1.65 0.00	149.69 -1.35 -181.39	41.70 0.02 -41.40	31.91 0.27 -27.60	33.97 0.35 -28.13	25.29 1.27 -5.22	25.04 1.24 0.00	29.04 1.43 0.00	22.66 1.17 0.00	19.21 1.21 0.00	23.29 1.48 0.00	16.95 1.25 0.00	42.82 1.61 -20.36	23.80 1.39 -7.48	16.56 1.38 -0.43	19.90 1.48 0.00	23.78 1.67 0.00	23.06 1.71 0.00	24.55 1.88 0.00	21.50 1.43 -0.01	21.83 1.40 -3.04	16.36 1.24 -0.12
LONG_LAKE_PHOENIX 24014	20.12 -0.46 0.00	15.85 -0.33 0.00	19.98 -0.40 0.00	-29.92 0.43 0.00	0.27 0.00 0.00	3.98 -0.06 0.00	5.40 -0.09 0.00	18.41 -0.38 0.00	23.13 -0.67 0.00	26.79 -0.82 0.00	20.88 -0.61 0.00	17.52 -0.47 0.00	21.29 -0.52 0.00	15.36 -0.35 0.00	20.35 -0.49 0.00	14.64 -0.29 0.00	14.47 -0.28 0.00	18.05 -0.37 0.00	21.64 -0.47 0.00	20.97 -0.38 0.00	22.33 -0.34 0.00	19.71 -0.35 0.00	17.07 -0.33 0.00	14.71 -0.29 0.00
LOVETT___3 23632	21.74 1.16 0.00	16.68 0.90 0.41	21.48 1.11 0.00	-107.13 -1.27 75.51	-22.57 0.01 22.86	-11.00 0.20 15.24	-9.77 0.27 15.53	16.84 0.93 2.88	24.60 0.80 0.00	28.42 0.82 0.00	22.18 0.69 0.00	18.74 0.75 0.00	22.74 0.93 0.00	16.52 0.82 0.00	21.83 0.98 0.00	15.88 0.95 0.00	15.68 0.93 0.00	19.46 1.04 0.00	23.24 1.13 0.00	22.53 1.19 0.00	23.99 1.32 0.00	21.03 0.96 0.00	18.28 0.88 0.00	15.78 0.78 0.00
LOVETT___4 23642	21.74 1.16 0.00	16.68 0.90 0.41	21.48 1.11 0.00	-107.13 -1.27 75.51	-22.57 0.01 22.86	-11.00 0.20 15.24	-9.77 0.27 15.53	16.84 0.93 2.88	24.60 0.80 0.00	28.42 0.82 0.00	22.18 0.69 0.00	18.74 0.75 0.00	22.74 0.93 0.00	16.52 0.82 0.00	21.83 0.98 0.00	15.88 0.95 0.00	15.68 0.93 0.00	19.46 1.04 0.00	23.24 1.13 0.00	22.53 1.19 0.00	23.99 1.32 0.00	21.03 0.96 0.00	18.28 0.88 0.00	15.78 0.78 0.00
LOVETT___5 23593	21.74 1.16 0.00	16.68 0.90 0.41	21.48 1.11 0.00	-107.13 -1.27 75.51	-22.57 0.01 22.86	-11.00 0.20 15.24	-9.77 0.27 15.53	16.84 0.93 2.88	24.60 0.80 0.00	28.42 0.82 0.00	22.18 0.69 0.00	18.74 0.75 0.00	22.74 0.93 0.00	16.52 0.82 0.00	21.83 0.98 0.00	15.88 0.95 0.00	15.68 0.93 0.00	19.46 1.04 0.00	23.24 1.13 0.00	22.53 1.19 0.00	23.99 1.32 0.00	21.03 0.96 0.00	18.28 0.88 0.00	15.78 0.78 0.00
LOWER RAQUET___HYD 24057	19.86 -0.72 0.00	15.55 -0.64 0.00	19.56 -0.81 0.00	-29.27 1.08 0.00	0.26 -0.01 0.00	3.88 -0.16 0.00	5.30 -0.19 0.00	18.23 -0.57 0.00	23.64 -0.16 0.00	27.55 -0.05 0.00	21.36 -0.13 0.00	17.77 -0.22 0.00	21.45 -0.36 0.00	15.39 -0.31 0.00	20.45 -0.40 0.00	14.32 -0.61 0.00	14.13 -0.62 0.00	17.83 -0.59 0.00	21.46 -0.65 0.00	20.55 -0.79 0.00	21.65 -1.02 0.00	19.25 -0.81 0.00	16.62 -0.78 0.00	14.33 -0.67 0.00
LOWER___HUDSON 24059	21.42 0.84 0.00	16.95 0.71 -0.06	21.30 0.94 0.00	-31.63 -1.29 0.00	0.28 0.01 0.00	4.22 0.18 0.00	5.71 0.22 0.00	19.53 0.74 0.00	24.44 0.64 0.00	28.19 0.59 0.00	21.93 0.45 0.00	18.40 0.41 0.00	22.42 0.61 0.00	16.24 0.53 0.00	21.45 0.60 0.00	15.53 0.60 0.00	15.35 0.60 0.00	19.09 0.67 0.00	22.84 0.74 0.00	22.09 0.75 0.00	23.48 0.81 0.00	20.67 0.61 0.00	17.98 0.59 0.00	15.50 0.50 0.00
LOWVILLE_115KV_TB2 356335	20.34 -0.24 0.00	15.86 -0.33 0.00	19.98 -0.39 0.00	-30.79 -0.44 0.00	0.27 0.00 0.00	4.09 0.05 0.00	5.56 0.07 0.00	18.99 0.19 0.00	24.00 0.20 0.00	27.61 0.01 0.00	21.23 -0.26 0.00	17.65 -0.34 0.00	21.47 -0.34 0.00	15.47 -0.23 0.00	20.49 -0.36 0.00	14.52 -0.41 0.00	14.38 -0.37 0.00	18.31 -0.11 0.00	21.83 -0.28 0.00	20.92 -0.42 0.00	22.06 -0.61 0.00	19.45 -0.61 0.00	16.85 -0.55 0.00	14.70 -0.30 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.71 1.13 0.00	17.10 0.92 0.00	21.57 1.20 0.00	-32.04 -1.70 0.00	0.29 0.02 0.00	4.27 0.24 0.00	5.79 0.30 0.00	19.82 1.03 0.00	24.83 1.03 0.00	28.70 1.10 0.00	22.30 0.81 0.00	18.71 0.72 0.00	22.79 0.98 0.00	16.45 0.75 0.00	21.75 0.90 0.00	15.73 0.80 0.00	15.56 0.81 0.00	19.36 0.94 0.00	23.18 1.07 0.00	22.43 1.08 0.00	23.84 1.16 0.00	21.01 0.94 0.00	18.24 0.84 0.00	15.73 0.73 0.00

LUTHERNY_35_KV_BK2 355980	21.71 1.13 0.00	17.11 0.92 0.00	21.57 1.20 0.00	-32.05 -1.70 0.00	0.29 0.02 0.00	4.27 0.24 0.00	5.80 0.31 0.00	19.85 1.05 0.00	24.84 1.04 0.00	28.73 1.13 0.00	22.31 0.82 0.00	18.70 0.71 0.00	22.82 1.01 0.00	16.46 0.76 0.00	21.76 0.91 0.00	15.73 0.81 0.00	15.56 0.82 0.00	19.38 0.96 0.00	23.21 1.10 0.00	22.42 1.08 0.00	23.84 1.17 0.00	21.03 0.96 0.00	18.23 0.84 0.00	15.72 0.72 0.00
LWR___OSWEGATCHIE_HYD 23850	19.96 -0.62 0.00	15.60 -0.59 0.00	19.63 -0.74 0.00	-29.81 0.54 0.00	0.27 0.00 0.00	3.95 -0.08 0.00	5.39 -0.10 0.00	18.49 -0.31 0.00	23.67 -0.12 0.00	27.41 -0.19 0.00	21.17 -0.32 0.00	17.63 -0.37 0.00	21.35 -0.46 0.00	15.34 -0.36 0.00	20.36 -0.49 0.00	14.33 -0.60 0.00	14.18 -0.57 0.00	17.96 -0.46 0.00	21.51 -0.60 0.00	20.61 -0.74 0.00	21.72 -0.95 0.00	19.24 -0.83 0.00	16.63 -0.77 0.00	14.42 -0.58 0.00
LYONS_FALL_HYD 23570	20.59 0.01 0.00	16.10 -0.08 0.00	20.29 -0.08 0.00	-30.90 -0.55 0.00	0.28 0.00 0.00	4.10 0.07 0.00	5.58 0.09 0.00	19.05 0.26 0.00	24.03 0.24 0.00	27.71 0.11 0.00	21.41 -0.08 0.00	17.86 -0.13 0.00	21.72 -0.09 0.00	15.67 -0.03 0.00	20.73 -0.12 0.00	14.79 -0.14 0.00	14.65 -0.10 0.00	18.51 0.09 0.00	22.10 0.00 0.00	21.28 -0.07 0.00	22.52 -0.15 0.00	19.84 -0.22 0.00	17.19 -0.21 0.00	14.93 -0.07 0.00
MADISON___COUNTY_LFGE 323628	20.97 0.40 0.00	16.49 0.30 0.00	20.77 0.40 0.00	-31.19 -0.85 0.00	0.28 0.01 0.00	4.14 0.11 0.00	5.62 0.13 0.00	19.18 0.39 0.00	24.12 0.31 0.00	27.90 0.30 0.00	21.73 0.23 0.00	18.18 0.18 0.00	22.10 0.28 0.00	15.94 0.24 0.00	21.08 0.23 0.00	15.16 0.23 0.00	15.02 0.27 0.00	18.79 0.37 0.00	22.53 0.42 0.00	21.82 0.47 0.00	23.21 0.54 0.00	20.45 0.39 0.00	17.70 0.30 0.00	15.27 0.27 0.00
MALONE___115KV_TB1 356076	20.42 -0.16 0.00	16.00 -0.18 0.00	20.14 -0.23 0.00	-30.00 0.34 0.00	0.27 0.00 0.00	3.97 -0.06 0.00	5.43 -0.06 0.00	18.69 -0.11 0.00	24.10 0.31 0.00	28.14 0.54 0.00	21.83 0.34 0.00	18.10 0.10 0.00	21.85 0.05 0.00	15.71 0.01 0.00	20.83 -0.02 0.00	14.61 -0.32 0.00	14.39 -0.36 0.00	18.07 -0.35 0.00	21.72 -0.39 0.00	20.88 -0.47 0.00	22.00 -0.67 0.00	19.57 -0.49 0.00	16.88 -0.52 0.00	14.51 -0.48 0.00
MAPLEWOD_115KV_TB3 80458	21.30 0.72 0.00	16.83 0.65 0.00	21.21 0.84 0.00	-31.52 -1.18 0.00	0.28 0.01 0.00	4.20 0.16 0.00	5.68 0.20 0.00	19.39 0.59 0.00	24.28 0.48 0.00	28.04 0.43 0.00	21.84 0.35 0.00	18.34 0.34 0.00	22.31 0.50 0.00	16.15 0.45 0.00	21.35 0.50 0.00	15.45 0.53 0.00	15.28 0.54 0.00	19.00 0.58 0.00	22.73 0.62 0.00	21.99 0.64 0.00	23.37 0.70 0.00	20.57 0.50 0.00	17.89 0.50 0.00	15.43 0.43 0.00
MAPLE_RIDGE_WT_1 323574	20.35 -0.23 0.00	16.00 -0.18 0.00	20.17 -0.20 0.00	-30.36 -0.02 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.48 -0.01 0.00	18.74 -0.06 0.00	23.71 -0.09 0.00	27.44 -0.16 0.00	21.28 -0.22 0.00	17.75 -0.25 0.00	21.52 -0.29 0.00	15.51 -0.19 0.00	20.55 -0.30 0.00	14.65 -0.27 0.00	14.45 -0.29 0.00	18.18 -0.24 0.00	21.79 -0.31 0.00	21.04 -0.30 0.00	22.28 -0.39 0.00	19.67 -0.40 0.00	17.06 -0.34 0.00	14.78 -0.22 0.00
MAPLE_RIDGE_WT_2 323611	20.35 -0.23 0.00	16.00 -0.18 0.00	20.17 -0.20 0.00	-30.36 -0.02 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.48 -0.01 0.00	18.74 -0.06 0.00	23.71 -0.09 0.00	27.44 -0.16 0.00	21.28 -0.22 0.00	17.75 -0.25 0.00	21.52 -0.29 0.00	15.51 -0.19 0.00	20.55 -0.30 0.00	14.65 -0.27 0.00	14.45 -0.29 0.00	18.18 -0.24 0.00	21.79 -0.31 0.00	21.04 -0.30 0.00	22.28 -0.39 0.00	19.67 -0.40 0.00	17.06 -0.34 0.00	14.78 -0.22 0.00
MARBLE_RIVER_WT_PWR 323696	20.49 -0.09 0.00	16.08 -0.10 0.00	20.25 -0.12 0.00	-30.12 0.22 0.00	0.27 0.00 0.00	3.98 -0.05 0.00	5.44 -0.05 0.00	18.72 -0.08 0.00	24.05 0.25 0.00	28.05 0.45 0.00	21.76 0.27 0.00	18.03 0.03 0.00	21.76 -0.05 0.00	15.63 -0.07 0.00	20.74 -0.11 0.00	14.55 -0.37 0.00	14.31 -0.44 0.00	17.91 -0.51 0.00	21.49 -0.62 0.00	20.70 -0.64 0.00	21.86 -0.82 0.00	19.44 -0.62 0.00	16.81 -0.58 0.00	14.46 -0.54 0.00
MARSHVLE_115KV_TB1 80742	21.45 0.87 0.00	16.83 0.64 0.00	21.20 0.83 0.00	-31.49 -1.14 0.00	0.28 0.01 0.00	4.22 0.18 0.00	5.72 0.23 0.00	19.61 0.81 0.00	24.72 0.92 0.00	28.71 1.10 0.00	22.28 0.79 0.00	18.58 0.59 0.00	22.49 0.68 0.00	16.14 0.44 0.00	21.22 0.37 0.00	15.18 0.25 0.00	15.07 0.32 0.00	18.93 0.50 0.00	22.72 0.62 0.00	22.10 0.75 0.00	23.61 0.94 0.00	20.93 0.87 0.00	18.12 0.72 0.00	15.61 0.61 0.00
MARSH_HILL_WT_PWR 323713	19.40 -1.18 0.00	15.37 -0.82 0.00	19.34 -1.03 0.00	-30.41 -0.06 0.00	0.26 -0.01 0.00	3.86 -0.17 0.00	5.21 -0.28 0.00	17.49 -1.30 0.00	43.98 -2.12 -22.31	38.20 -2.57 -13.17	20.00 -1.98 -0.48	16.59 -1.74 -0.33	29.98 -2.01 -10.18	16.24 -1.42 -1.96	50.71 -1.87 -31.73	42.98 -1.31 -29.37	40.11 -1.38 -26.74	29.98 -1.57 -13.13	20.51 -1.60 0.00	20.29 -1.05 0.00	21.57 -1.10 0.00	19.16 -0.90 0.00	16.49 -0.91 0.00	14.26 -0.74 0.00
MCINTYRE_115KV_TB2 80467	20.43 -0.15 0.00	16.00 -0.18 0.00	20.12 -0.25 0.00	-30.05 0.30 0.00	0.27 0.00 0.00	3.98 -0.06 0.00	5.44 -0.05 0.00	18.73 -0.07 0.00	24.32 0.52 0.00	28.37 0.77 0.00	22.00 0.51 0.00	18.28 0.28 0.00	22.10 0.29 0.00	15.84 0.14 0.00	21.05 0.20 0.00	14.76 -0.16 0.00	14.58 -0.17 0.00	18.38 -0.04 0.00	22.17 0.06 0.00	21.22 -0.12 0.00	22.38 -0.29 0.00	19.95 -0.11 0.00	17.18 -0.22 0.00	14.79 -0.21 0.00
MECO_____69_KV_BK1 80468	21.73 1.15 0.00	17.07 0.88 0.00	21.50 1.12 0.00	-31.95 -1.60 0.00	0.29 0.02 0.00	4.27 0.23 0.00	5.79 0.31 0.00	19.86 1.06 0.00	24.99 1.19 0.00	29.02 1.42 0.00	22.57 1.08 0.00	18.85 0.85 0.00	22.77 0.96 0.00	16.32 0.61 0.00	21.52 0.67 0.00	15.48 0.56 0.00	15.40 0.65 0.00	19.31 0.89 0.00	23.19 1.09 0.00	22.51 1.17 0.00	24.04 1.37 0.00	21.23 1.17 0.00	18.39 0.99 0.00	15.83 0.83 0.00
MENANDS___115KV_TB5 355628	21.21 0.63 0.00	16.78 0.59 0.00	21.15 0.78 0.00	-31.43 -1.09 0.00	0.28 0.01 0.00	4.18 0.15 0.00	5.66 0.17 0.00	19.30 0.51 0.00	24.16 0.36 0.00	27.90 0.30 0.00	21.72 0.23 0.00	18.24 0.25 0.00	22.20 0.39 0.00	16.09 0.39 0.00	21.27 0.42 0.00	15.39 0.46 0.00	15.22 0.47 0.00	18.92 0.50 0.00	22.62 0.51 0.00	21.88 0.53 0.00	23.26 0.58 0.00	20.46 0.40 0.00	17.81 0.41 0.00	15.36 0.36 0.00
MG INDUSTRY___DRP 24185	21.22 0.64 0.00	16.77 0.58 0.00	21.13 0.75 0.00	-31.43 -1.08 0.00	0.28 0.01 0.00	4.18 0.15 0.00	5.66 0.17 0.00	19.31 0.52 0.00	24.21 0.41 0.00	27.95 0.35 0.00	21.76 0.27 0.00	18.24 0.25 0.00	22.14 0.33 0.00	16.03 0.33 0.00	21.22 0.37 0.00	15.34 0.42 0.00	15.19 0.44 0.00	18.89 0.47 0.00	22.60 0.50 0.00	21.88 0.53 0.00	23.26 0.59 0.00	20.49 0.42 0.00	17.81 0.42 0.00	15.36 0.37 0.00

MID___OSWEGATCHIE_HYD 23849	19.96 -0.62 0.00	15.60 -0.59 0.00	19.63 -0.74 0.00	-29.81 0.54 0.00	0.27 0.00 0.00	3.95 -0.08 0.00	5.39 -0.10 0.00	18.49 -0.31 0.00	23.67 -0.12 0.00	27.41 -0.19 0.00	21.17 -0.32 0.00	17.63 -0.37 0.00	21.35 -0.46 0.00	15.34 -0.36 0.00	20.36 -0.49 0.00	14.33 -0.60 0.00	14.18 -0.57 0.00	17.96 -0.46 0.00	21.51 -0.60 0.00	20.61 -0.74 0.00	21.72 -0.95 0.00	19.24 -0.83 0.00	16.63 -0.77 0.00	14.42 -0.58 0.00
MID___RAQUETTE_HYD 23851	19.86 -0.72 0.00	15.55 -0.64 0.00	19.56 -0.81 0.00	-29.27 1.08 0.00	0.26 -0.01 0.00	3.88 -0.16 0.00	5.29 -0.19 0.00	18.23 -0.57 0.00	23.64 -0.16 0.00	27.55 -0.05 0.00	21.36 -0.13 0.00	17.77 -0.23 0.00	21.45 -0.36 0.00	15.39 -0.31 0.00	20.45 -0.40 0.00	14.32 -0.61 0.00	14.13 -0.62 0.00	17.83 -0.59 0.00	21.46 -0.65 0.00	20.56 -0.79 0.00	21.65 -1.02 0.00	19.25 -0.81 0.00	16.62 -0.78 0.00	14.33 -0.67 0.00
MILLIKEN___1 23584	20.68 0.10 0.00	16.29 0.10 0.00	20.54 0.17 0.00	-30.87 -0.52 0.00	0.27 0.00 0.00	4.09 0.05 0.00	5.55 0.06 0.00	18.90 0.10 0.00	25.38 -0.07 -1.65	28.45 -0.12 -0.98	21.45 -0.08 -0.04	18.70 -0.08 -0.79	22.47 -0.09 -0.76	15.83 -0.02 -0.14	23.08 -0.09 -2.33	17.13 0.04 -2.16	19.41 0.06 -4.60	19.45 0.06 -0.97	22.16 0.05 0.00	21.55 0.20 0.00	22.98 0.30 0.00	20.30 0.23 0.00	17.56 0.16 0.00	15.11 0.11 0.00
MILLIKEN___2 23585	20.68 0.10 0.00	16.29 0.10 0.00	20.54 0.17 0.00	-30.87 -0.52 0.00	0.27 0.00 0.00	4.09 0.05 0.00	5.55 0.06 0.00	18.90 0.10 0.00	25.38 -0.07 -1.65	28.45 -0.12 -0.98	21.45 -0.08 -0.04	18.70 -0.08 -0.79	22.47 -0.09 -0.76	15.83 -0.02 -0.14	23.08 -0.09 -2.33	17.13 0.04 -2.16	19.41 0.06 -4.60	19.45 0.06 -0.97	22.16 0.05 0.00	21.55 0.20 0.00	22.98 0.30 0.00	20.30 0.23 0.00	17.56 0.16 0.00	15.11 0.11 0.00
MILLIKEN___DIESEL 23629	20.68 0.10 0.00	16.29 0.10 0.00	20.54 0.17 0.00	-30.87 -0.52 0.00	0.27 0.00 0.00	4.09 0.05 0.00	5.55 0.06 0.00	18.90 0.10 0.00	25.38 -0.07 -1.65	28.45 -0.12 -0.98	21.45 -0.08 -0.04	18.70 -0.08 -0.79	22.47 -0.09 -0.76	15.83 -0.02 -0.14	23.08 -0.09 -2.33	17.13 0.04 -2.16	19.41 0.06 -4.60	19.45 0.06 -0.97	22.16 0.05 0.00	21.55 0.20 0.00	22.98 0.30 0.00	20.30 0.23 0.00	17.56 0.16 0.00	15.11 0.11 0.00
MILLSEAT___LFGE 323607	19.30 -1.28 0.00	15.21 -0.98 0.00	19.19 -1.18 0.00	-29.70 0.65 0.00	0.26 -0.01 0.00	3.89 -0.14 0.00	5.32 -0.16 0.00	17.83 -0.97 0.00	18.49 -1.22 4.08	23.86 -1.33 2.41	20.24 -1.16 0.09	16.65 -0.99 0.35	18.87 -1.07 1.86	14.54 -0.80 0.36	13.98 -1.05 5.82	8.75 -0.79 5.38	8.00 -0.83 5.92	15.07 -0.94 2.41	21.09 -1.02 0.00	20.70 -0.65 0.00	22.31 -0.36 0.00	19.72 -0.35 0.00	16.93 -0.47 0.00	14.62 -0.38 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.92 1.34 0.00	17.64 1.06 -0.39	21.69 1.32 0.00	316.90 -1.52 -348.76	114.47 0.02 -114.18	80.39 0.23 -76.12	83.36 0.30 -77.57	34.28 1.08 -14.40	24.81 1.02 0.00	28.67 1.07 0.00	22.40 0.90 0.00	18.90 0.91 0.00	22.95 1.14 0.00	16.69 0.99 0.00	22.04 1.19 0.00	16.03 1.10 0.00	15.83 1.08 0.00	19.61 1.19 0.00	23.41 1.30 0.00	22.69 1.34 0.00	24.15 1.48 0.00	21.18 1.12 0.00	18.43 1.04 0.00	15.92 0.92 0.00
MILLWOOD_13_KV_LOAD 356217	21.94 1.36 0.00	17.66 1.08 -0.39	21.72 1.35 0.00	316.87 -1.55 -348.76	114.47 0.02 -114.18	80.40 0.24 -76.12	83.36 0.31 -77.57	34.31 1.11 -14.40	24.84 1.05 0.00	28.70 1.10 0.00	22.42 0.93 0.00	18.92 0.93 0.00	22.97 1.16 0.00	16.71 1.01 0.00	22.06 1.22 0.00	16.04 1.12 0.00	15.85 1.10 0.00	19.64 1.22 0.00	23.44 1.34 0.00	22.72 1.37 0.00	24.18 1.51 0.00	21.21 1.14 0.00	18.46 1.06 0.00	15.94 0.94 0.00
MODEL_CITY_ENERGY 24167	18.62 -1.96 0.00	14.69 -1.50 0.00	18.56 -1.81 0.00	-28.84 1.51 0.00	0.26 -0.01 0.00	3.78 -0.26 0.00	5.16 -0.33 0.00	17.20 -1.60 0.00	16.61 -1.95 5.24	22.30 -2.21 3.09	19.50 -1.88 0.11	15.99 -1.59 0.41	17.71 -1.71 2.39	13.97 -1.27 0.46	11.75 -1.63 7.47	6.83 -1.19 6.91	6.03 -1.24 7.48	13.82 -1.51 3.09	20.31 -1.79 0.00	19.97 -1.38 0.00	21.56 -1.12 0.00	19.06 -1.00 0.00	16.39 -1.01 0.00	14.19 -0.81 0.00
MODERN_LFGE___ 323580	18.62 -1.96 0.00	14.69 -1.50 0.00	18.56 -1.81 0.00	-28.84 1.51 0.00	0.26 -0.01 0.00	3.78 -0.26 0.00	5.16 -0.33 0.00	17.20 -1.60 0.00	16.61 -1.95 5.24	22.30 -2.21 3.09	19.50 -1.88 0.11	15.99 -1.59 0.41	17.71 -1.71 2.39	13.97 -1.27 0.46	11.75 -1.63 7.47	6.83 -1.19 6.91	6.03 -1.24 7.48	13.82 -1.51 3.09	20.31 -1.79 0.00	19.97 -1.38 0.00	21.56 -1.12 0.00	19.06 -1.00 0.00	16.39 -1.01 0.00	14.19 -0.81 0.00
MOHAWK_PAPER___DRP 24187	21.30 0.72 0.00	16.83 0.65 0.00	21.21 0.84 0.00	-31.52 -1.18 0.00	0.28 0.01 0.00	4.20 0.16 0.00	5.68 0.20 0.00	19.39 0.59 0.00	24.28 0.48 0.00	28.04 0.43 0.00	21.84 0.35 0.00	18.34 0.34 0.00	22.31 0.50 0.00	16.15 0.45 0.00	21.35 0.50 0.00	15.45 0.53 0.00	15.28 0.54 0.00	19.00 0.58 0.00	22.73 0.62 0.00	21.99 0.64 0.00	23.37 0.70 0.00	20.57 0.50 0.00	17.89 0.50 0.00	15.43 0.43 0.00
MOHICAN___35_KV_115KV_LD 80490	21.99 1.41 0.00	17.33 1.14 0.00	21.86 1.49 0.00	-32.49 -2.15 0.00	0.29 0.02 0.00	4.32 0.29 0.00	5.86 0.37 0.00	20.11 1.31 0.00	25.17 1.37 0.00	29.09 1.49 0.00	22.54 1.05 0.00	18.93 0.93 0.00	23.09 1.29 0.00	16.66 0.96 0.00	22.00 1.15 0.00	15.91 0.98 0.00	15.74 0.99 0.00	19.56 1.14 0.00	23.40 1.30 0.00	22.65 1.30 0.00	24.05 1.38 0.00	21.21 1.15 0.00	18.42 1.02 0.00	15.88 0.88 0.00
MONGAUP___HYD 23641	21.76 1.18 0.00	16.84 0.92 0.27	21.51 1.14 0.00	-78.91 -1.45 47.12	-14.22 0.01 14.50	-5.42 0.22 9.67	-4.08 0.29 9.85	17.95 0.98 1.83	24.70 0.91 0.00	28.55 0.95 0.00	22.24 0.74 0.00	18.60 0.60 0.00	22.43 0.62 0.00	16.30 0.60 0.00	21.65 0.80 0.00	15.67 0.75 0.00	15.48 0.73 0.00	19.17 0.75 0.00	22.97 0.86 0.00	22.27 0.93 0.00	23.77 1.10 0.00	20.88 0.82 0.00	18.23 0.84 0.00	15.66 0.66 0.00
MONTAUK___DIESEL 23721	22.31 1.73 0.00	18.40 1.85 -0.36	22.80 2.43 0.00	150.02 -1.03 -181.39	41.70 0.02 -41.40	31.90 0.26 -27.60	33.84 0.23 -28.13	24.93 0.91 -5.22	24.50 0.70 0.00	28.63 1.02 0.00	22.21 0.72 0.00	18.93 0.94 0.00	23.09 1.28 0.00	16.86 1.16 0.00	35.54 1.57 -13.13	21.24 1.49 -4.82	16.36 1.33 -0.28	19.85 1.43 0.00	23.86 1.75 0.00	23.20 1.85 0.00	24.72 2.04 0.00	21.53 1.46 -0.01	20.68 1.32 -1.96	16.22 1.14 -0.08
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.13 -1.45 0.00	15.14 -1.05 0.00	19.33 -1.04 0.00	-30.43 -0.09 0.00	0.27 0.00 0.00	3.93 -0.11 0.00	5.35 -0.14 0.00	18.04 -0.76 0.00	18.37 -1.33 4.09	23.80 -1.39 2.41	20.37 -1.04 0.09	16.62 -0.94 0.43	18.88 -1.06 1.87	14.40 -0.94 0.36	13.61 -1.40 5.83	8.68 -0.85 5.39	7.70 -0.85 6.20	14.99 -1.02 2.41	21.08 -1.02 0.00	20.55 -0.79 0.00	22.38 -0.29 0.00	19.68 -0.39 0.00	16.95 -0.45 0.00	14.58 -0.42 0.00

MORRIS_RIDGE___SOLAR 323848	19.25 -1.32 0.01	15.22 -0.97 0.00	19.27 -1.10 0.00	-30.05 0.30 0.00	0.26 -0.01 0.00	3.88 -0.15 0.00	5.25 -0.24 0.00	17.60 -1.20 0.00	-14.20 -1.85 36.15	4.10 -2.18 21.31	19.02 -1.69 0.78	14.66 -1.50 1.84	3.61 -1.72 16.48	11.30 -1.23 3.17	-32.28 -1.62 51.51	-33.82 -1.12 47.63	-34.46 -1.15 48.06	-4.27 -1.39 21.30	20.64 -1.47 0.00	20.31 -1.03 0.00	21.78 -0.89 0.00	19.26 -0.81 0.00	16.61 -0.78 0.00	14.37 -0.63 0.00
MORTIMER_115KV_TB3 55949	19.64 -0.94 0.00	15.47 -0.71 0.00	19.52 -0.85 0.00	-29.70 0.64 0.00	0.27 0.00 0.00	3.93 -0.11 0.00	5.36 -0.13 0.00	18.09 -0.70 0.00	22.75 -1.05 0.00	26.46 -1.14 0.00	20.55 -0.94 0.00	17.06 -0.81 0.13	20.91 -0.90 0.00	15.09 -0.61 0.00	19.95 -0.90 0.00	14.30 -0.63 0.00	13.64 -0.66 0.46	17.67 -0.75 0.00	21.32 -0.79 0.00	20.84 -0.51 0.00	22.33 -0.34 0.00	19.72 -0.34 0.00	17.00 -0.40 0.00	14.67 -0.33 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.06 1.48 0.00	17.72 1.18 -0.36	21.83 1.47 0.00	149.95 -1.68 -181.98	41.82 0.02 -41.54	31.98 0.25 -27.69	34.04 0.33 -28.22	25.25 1.21 -5.24	24.98 1.18 0.00	28.86 1.26 0.00	22.55 1.06 0.00	19.03 1.04 0.00	23.10 1.29 0.00	16.83 1.12 0.00	22.19 1.34 0.00	16.15 1.22 0.00	15.95 1.20 0.00	19.75 1.33 0.00	23.56 1.45 0.00	22.84 1.50 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
MUNSVILLE_WIND_PWR 323609	21.55 0.98 0.00	17.03 0.84 0.00	21.42 1.05 0.00	-32.42 -2.08 0.00	0.29 0.01 0.00	4.25 0.21 0.00	5.77 0.28 0.00	19.64 0.85 0.00	25.65 0.69 -1.16	28.82 0.53 -0.69	21.87 0.35 -0.03	18.79 0.39 -0.41	22.39 0.05 -0.53	15.64 -0.16 -0.10	22.19 -0.30 -1.65	16.38 -0.08 -1.53	17.58 0.07 -2.75	19.20 0.09 -0.68	22.39 0.29 0.00	21.84 0.50 0.00	23.37 0.70 0.00	20.68 0.62 0.00	17.95 0.55 0.00	15.36 0.37 0.00
N SALMON___HYD 24042	20.41 -0.16 0.00	16.00 -0.18 0.00	20.14 -0.23 0.00	-30.01 0.34 0.00	0.27 0.00 0.00	3.97 -0.06 0.00	5.43 -0.06 0.00	18.69 -0.11 0.00	24.10 0.31 0.00	28.14 0.54 0.00	21.83 0.34 0.00	18.10 0.10 0.00	21.85 0.05 0.00	15.71 0.01 0.00	20.83 -0.02 0.00	14.61 -0.32 0.00	14.39 -0.36 0.00	18.07 -0.35 0.00	21.72 -0.39 0.00	20.88 -0.47 0.00	22.00 -0.67 0.00	19.57 -0.49 0.00	16.88 -0.52 0.00	14.51 -0.48 0.00
N.AKRON__115KV_KNAPP 355671	19.24 -1.34 0.00	15.17 -1.02 0.00	19.14 -1.23 0.00	-29.58 0.76 0.00	0.26 -0.01 0.00	3.88 -0.15 0.00	5.31 -0.18 0.00	17.78 -1.02 0.00	18.09 -1.30 4.41	23.58 -1.42 2.60	20.18 -1.22 0.09	16.59 -1.04 0.37	18.67 -1.13 2.01	14.47 -0.84 0.39	13.43 -1.13 6.28	8.28 -0.83 5.81	7.52 -0.87 6.35	14.82 -1.00 2.60	21.01 -1.10 0.00	20.64 -0.71 0.00	22.25 -0.42 0.00	19.66 -0.40 0.00	16.89 -0.51 0.00	14.59 -0.41 0.00
N.E_GEN_SANDY PD 24062	21.60 1.02 0.00	17.12 0.84 -0.09	21.47 1.10 0.00	-19.66 -1.40 -12.09	10.78 0.01 -10.49	7.35 0.21 -3.11	14.26 0.27 -8.51	23.33 0.88 -3.66	24.54 0.75 0.00	29.57 0.68 -1.29	20.62 0.56 1.43	18.53 0.54 0.00	22.65 0.79 -0.05	16.42 0.72 0.00	21.67 0.82 0.00	15.73 0.81 0.00	15.55 0.80 0.00	19.58 0.88 -0.28	23.06 0.95 0.00	22.30 0.96 0.00	23.71 1.04 0.00	20.85 0.78 0.00	18.16 0.76 0.00	15.99 0.66 -0.33
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.79 1.21 0.00	16.72 0.94 0.41	21.52 1.15 0.00	-106.51 -1.33 74.84	-22.37 0.01 22.66	-10.86 0.21 15.11	-9.63 0.28 15.39	16.91 0.97 2.86	24.64 0.85 0.00	28.48 0.88 0.00	22.22 0.73 0.00	18.78 0.79 0.00	22.79 0.98 0.00	16.56 0.85 0.00	21.87 1.03 0.00	15.91 0.99 0.00	15.71 0.96 0.00	19.50 1.08 0.00	23.30 1.19 0.00	22.58 1.23 0.00	24.06 1.38 0.00	21.08 1.01 0.00	18.32 0.92 0.00	15.81 0.81 0.00
N.QUEENS_27_KV_LOAD 356247	22.17 1.60 0.00	17.82 1.28 -0.36	21.73 1.36 0.00	111.68 -1.59 -143.62	41.87 0.02 -41.58	32.00 0.24 -27.72	34.06 0.33 -28.25	25.30 1.26 -5.25	24.92 1.12 0.00	28.83 1.23 0.00	22.54 1.05 0.00	19.01 1.01 0.00	23.02 1.21 0.00	16.81 1.11 0.00	22.13 1.28 0.00	16.14 1.21 0.00	15.91 1.16 0.00	19.71 1.29 0.00	23.48 1.38 0.01	22.78 1.44 0.00	24.24 1.58 0.01	21.24 1.19 0.01	18.51 1.12 0.01	15.96 0.97 0.01
N.TROY___115KV_TB1 355778	21.42 0.84 0.00	16.95 0.71 -0.06	21.30 0.94 0.00	-31.63 -1.29 0.00	0.28 0.01 0.00	4.22 0.18 0.00	5.71 0.22 0.00	19.53 0.74 0.00	24.44 0.64 0.00	28.19 0.59 0.00	21.93 0.45 0.00	18.41 0.41 0.00	22.42 0.61 0.00	16.24 0.54 0.00	21.45 0.60 0.00	15.53 0.60 0.00	15.35 0.60 0.00	19.09 0.67 0.00	22.84 0.73 0.00	22.09 0.75 0.00	23.49 0.81 0.00	20.67 0.61 0.00	17.98 0.58 0.00	15.50 0.50 0.00
NARROWS_GT1_1 24228	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT1_2 24229	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT1_3 24230	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT1_4 24231	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT1_5 24232	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00

NARROWS_GT1_6 24233	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT1_7 24234	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT1_8 24235	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT2_1 24236	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT2_2 24237	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT2_3 24238	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT2_4 24239	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT2_5 24240	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT2_6 24241	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT2_7 24242	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NARROWS_GT2_8 24243	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.58 1.01 0.00	17.05 0.86 0.00	21.46 1.09 0.00	-31.95 -1.61 0.00	0.28 0.01 0.00	4.25 0.21 0.00	5.75 0.27 0.00	19.65 0.85 0.00	24.68 0.88 0.00	28.52 0.92 0.00	22.19 0.70 0.00	18.55 0.55 0.00	22.51 0.70 0.00	16.27 0.57 0.00	21.54 0.69 0.00	15.61 0.68 0.00	15.48 0.73 0.00	19.29 0.87 0.00	23.08 0.97 0.00	22.33 0.99 0.00	23.76 1.09 0.00	20.91 0.84 0.00	18.15 0.75 0.00	15.63 0.63 0.00
NCHELSEA_115KV_TR2 355582	21.97 1.39 0.00	17.28 1.10 0.00	21.74 1.37 0.00	-25.76 -1.68 -6.26	0.29 0.02 0.00	4.29 0.25 0.00	5.82 0.33 0.00	19.95 1.15 0.00	24.91 1.12 0.00	28.79 1.19 0.00	22.49 1.00 0.00	18.96 0.96 0.00	23.02 1.21 0.00	16.73 1.03 0.00	22.11 1.26 0.00	16.05 1.13 0.00	15.86 1.11 0.00	19.68 1.25 0.00	23.51 1.40 0.00	22.78 1.43 0.00	24.25 1.57 0.00	21.27 1.21 0.00	18.49 1.10 0.00	15.95 0.95 0.00
NEG CAPITAL____MECHNVIL 23645	21.72 1.14 0.00	17.12 0.93 0.00	21.59 1.21 0.00	-32.07 -1.72 0.00	0.29 0.02 0.00	4.27 0.24 0.00	5.79 0.30 0.00	19.82 1.03 0.00	24.82 1.02 0.00	28.70 1.10 0.00	22.31 0.82 0.00	18.72 0.73 0.00	22.80 0.99 0.00	16.48 0.78 0.00	21.78 0.93 0.00	15.75 0.83 0.00	15.58 0.83 0.00	19.39 0.97 0.00	23.21 1.11 0.00	22.46 1.11 0.00	23.87 1.20 0.00	21.02 0.96 0.00	18.26 0.86 0.00	15.74 0.74 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.44 -1.14 0.00	15.32 -0.87 0.00	19.32 -1.05 0.00	-29.32 1.03 0.00	0.26 -0.01 0.00	3.88 -0.15 0.00	5.29 -0.20 0.00	17.89 -0.91 0.00	22.50 -1.30 0.00	26.16 -1.44 0.00	20.32 -1.17 0.00	16.91 -0.99 0.10	20.68 -1.13 0.00	14.93 -0.77 0.00	19.75 -1.09 0.00	14.16 -0.76 0.00	13.64 -0.78 0.33	17.50 -0.93 0.00	21.08 -1.03 0.00	20.56 -0.79 0.00	22.00 -0.67 0.00	19.43 -0.64 0.00	16.75 -0.64 0.00	14.45 -0.55 0.00

NEG CENTRAL___DRP 24199	20.16 -0.42 0.00	15.88 -0.31 0.00	20.05 -0.33 0.00	-30.26 0.08 0.00	0.27 0.00 0.00	4.00 -0.04 0.00	5.43 -0.05 0.00	18.47 -0.33 0.00	25.30 -0.61 -2.11	28.12 -0.73 -1.25	21.00 -0.54 -0.05	17.43 -0.50 0.07	22.22 -0.56 -0.97	15.54 -0.35 -0.19	23.32 -0.52 -2.99	17.40 -0.30 -2.78	16.60 -0.31 -2.15	19.28 -0.38 -1.24	21.67 -0.44 0.00	21.11 -0.24 0.00	22.54 -0.13 0.00	19.92 -0.14 0.00	17.21 -0.18 0.00	14.82 -0.17 0.00
NEG CENTRAL___INDECK 23768	20.00 -0.58 0.00	15.77 -0.42 0.00	19.90 -0.47 0.00	-30.69 -0.34 0.00	0.27 0.00 0.00	4.00 -0.03 0.00	5.44 -0.05 0.00	18.35 -0.45 0.00	45.84 -0.80 -22.84	40.11 -0.96 -13.48	21.22 -0.77 -0.49	17.88 -0.69 -0.58	31.41 -0.82 -10.42	17.09 -0.62 -2.01	52.55 -0.81 -32.51	44.45 -0.56 -30.08	42.37 -0.64 -28.27	31.21 -0.66 -13.45	21.57 -0.54 0.00	21.21 -0.14 0.00	22.73 0.06 0.00	20.11 0.04 0.00	17.30 -0.10 0.00	14.93 -0.07 0.00
NEG CENTRAL___SENECA 23627	20.08 -0.50 0.00	15.81 -0.37 0.00	19.98 -0.40 0.00	-30.31 0.03 0.00	0.27 0.00 0.00	4.00 -0.04 0.00	5.43 -0.06 0.00	18.41 -0.39 0.00	26.47 -0.71 -3.38	28.77 -0.83 -2.00	20.94 -0.62 -0.07	17.26 -0.58 0.15	22.72 -0.64 -1.55	15.58 -0.42 -0.30	25.04 -0.59 -4.79	18.99 -0.37 -4.44	17.67 -0.38 -3.30	19.94 -0.46 -1.99	21.62 -0.48 0.00	21.11 -0.24 0.00	22.57 -0.10 0.00	19.93 -0.13 0.00	17.21 -0.19 0.00	14.83 -0.17 0.00
NEG CENTRAL___STATE_STREET 24147	20.44 -0.14 0.00	16.10 -0.09 0.00	20.30 -0.07 0.00	-30.51 -0.16 0.00	0.27 0.00 0.00	4.04 0.00 0.00	5.49 0.00 0.00	18.71 -0.09 0.00	23.50 -0.30 0.00	27.23 -0.37 0.00	21.23 -0.26 0.00	17.79 -0.28 -0.08	21.49 -0.32 0.00	15.55 -0.15 0.00	20.55 -0.30 0.00	14.83 -0.10 0.00	14.94 -0.09 -0.28	18.30 -0.12 0.00	21.88 -0.23 0.00	21.31 -0.04 0.00	22.67 0.00 0.00	20.09 0.03 0.00	17.39 -0.01 0.00	14.92 -0.08 0.00
NEG MILLWOOD___DRP 24198	22.05 1.47 0.00	17.46 1.17 -0.11	21.82 1.45 0.00	29.25 -1.77 -61.36	13.99 0.02 -13.70	13.43 0.26 -9.14	15.14 0.35 -9.31	21.74 1.22 -1.73	25.01 1.21 0.00	28.90 1.30 0.00	22.59 1.10 0.00	19.04 1.05 0.00	23.11 1.31 0.00	16.81 1.11 0.00	22.20 1.36 0.00	16.14 1.22 0.00	15.94 1.19 0.00	19.76 1.34 0.00	23.60 1.49 0.00	22.88 1.53 0.00	24.34 1.67 0.00	21.36 1.29 0.00	18.57 1.17 0.00	16.02 1.02 0.00
NEG NORTH_FLCN_SEA 23793	20.71 0.13 0.00	16.27 0.08 0.00	20.48 0.11 0.00	-30.45 -0.10 0.00	0.27 0.00 0.00	4.02 -0.01 0.00	5.49 0.00 0.00	18.92 0.13 0.00	24.27 0.47 0.00	28.34 0.74 0.00	22.00 0.51 0.00	18.24 0.25 0.00	22.02 0.21 0.00	15.82 0.12 0.00	20.95 0.10 0.00	14.73 -0.19 0.00	14.47 -0.28 0.00	18.10 -0.33 0.00	21.70 -0.40 0.00	20.91 -0.43 0.00	22.12 -0.55 0.00	19.63 -0.44 0.00	17.01 -0.39 0.00	14.60 -0.40 0.00
NEG NORTH_KES_CHATEGAY 23792	20.48 -0.10 0.00	16.07 -0.12 0.00	20.23 -0.14 0.00	-30.10 0.25 0.00	0.27 0.00 0.00	3.98 -0.05 0.00	5.44 -0.05 0.00	18.70 -0.09 0.00	24.06 0.27 0.00	28.09 0.48 0.00	21.78 0.29 0.00	18.03 0.03 0.00	21.78 -0.03 0.00	15.64 -0.06 0.00	20.75 -0.10 0.00	14.55 -0.37 0.00	14.32 -0.43 0.00	17.96 -0.46 0.00	21.56 -0.55 0.00	20.75 -0.60 0.00	21.89 -0.79 0.00	19.48 -0.58 0.00	16.83 -0.57 0.00	14.47 -0.53 0.00
NEG NORTH___ALICE_FALLS 23915	20.72 0.13 0.00	16.27 0.08 0.00	20.48 0.10 0.00	-30.45 -0.10 0.00	0.27 0.00 0.00	4.02 -0.01 0.00	5.49 0.00 0.00	18.92 0.13 0.00	24.29 0.49 0.00	28.38 0.78 0.00	22.03 0.53 0.00	18.26 0.27 0.00	22.04 0.24 0.00	15.85 0.15 0.00	20.99 0.14 0.00	14.75 -0.17 0.00	14.50 -0.25 0.00	18.13 -0.29 0.00	21.77 -0.34 0.00	20.97 -0.37 0.00	22.16 -0.51 0.00	19.67 -0.39 0.00	17.03 -0.37 0.00	14.61 -0.39 0.00
NEG NORTH___LWR_SARANAC 23913	20.72 0.13 0.00	16.27 0.08 0.00	20.48 0.10 0.00	-30.45 -0.10 0.00	0.27 0.00 0.00	4.02 -0.01 0.00	5.49 0.00 0.00	18.92 0.13 0.00	24.29 0.49 0.00	28.38 0.78 0.00	22.03 0.53 0.00	18.26 0.27 0.00	22.04 0.24 0.00	15.85 0.15 0.00	20.99 0.14 0.00	14.75 -0.17 0.00	14.50 -0.25 0.00	18.13 -0.29 0.00	21.77 -0.34 0.00	20.97 -0.37 0.00	22.16 -0.51 0.00	19.67 -0.39 0.00	17.03 -0.37 0.00	14.61 -0.39 0.00
NEG NORTH___PLATTSBURG 23628	20.72 0.13 0.00	16.27 0.08 0.00	20.48 0.10 0.00	-30.45 -0.10 0.00	0.27 0.00 0.00	4.02 -0.01 0.00	5.49 0.00 0.00	18.92 0.13 0.00	24.29 0.49 0.00	28.38 0.78 0.00	22.02 0.53 0.00	18.26 0.27 0.00	22.05 0.23 0.00	15.85 0.15 0.00	20.99 0.14 0.00	14.75 -0.17 0.00	14.50 -0.25 0.00	18.13 -0.29 0.00	21.77 -0.34 0.00	20.97 -0.37 0.00	22.16 -0.51 0.00	19.67 -0.39 0.00	17.03 -0.37 0.00	14.61 -0.38 0.00
NEG WEST_LEA_LOCKPORT 23791	18.80 -1.78 0.00	14.83 -1.35 0.00	18.74 -1.63 0.00	-29.05 1.29 0.00	0.26 -0.01 0.00	3.81 -0.23 0.00	5.21 -0.28 0.00	17.37 -1.42 0.00	16.27 -1.84 5.68	22.21 -2.04 3.35	19.66 -1.71 0.12	16.12 -1.45 0.43	17.62 -1.60 2.59	14.04 -1.17 0.50	11.18 -1.57 8.10	6.31 -1.13 7.49	5.52 -1.18 8.05	13.66 -1.41 3.35	20.50 -1.60 0.00	20.18 -1.17 0.00	21.77 -0.91 0.00	19.24 -0.82 0.00	16.54 -0.85 0.00	14.32 -0.68 0.00
NEG WEST___LANCASTR 23811	19.43 -1.15 0.00	15.33 -0.86 0.00	19.39 -0.98 0.00	-30.04 0.31 0.00	0.27 0.00 0.00	3.93 -0.10 0.00	5.36 -0.14 0.00	17.96 -0.84 0.00	17.44 -1.24 5.11	23.23 -1.36 3.02	20.22 -1.16 0.11	16.52 -1.01 0.46	18.36 -1.11 2.33	14.46 -0.79 0.45	12.46 -1.10 7.28	7.41 -0.78 6.74	6.46 -0.81 7.49	14.45 -0.96 3.01	21.11 -0.99 0.00	20.72 -0.62 0.00	22.31 -0.36 0.00	19.70 -0.36 0.00	16.96 -0.44 0.00	14.67 -0.33 0.00
NEG_PENN_ALLEGHNY 23528	20.47 -0.10 0.00	16.11 -0.07 0.00	20.35 -0.01 0.00	-30.60 -0.25 0.00	0.27 0.00 0.00	4.06 0.02 0.00	5.50 0.01 0.00	18.70 -0.09 0.00	23.43 -0.37 0.00	27.12 -0.48 0.00	21.13 -0.36 0.00	17.56 -0.32 0.11	21.48 -0.33 0.00	15.51 -0.19 0.00	20.55 -0.30 0.00	14.80 -0.13 0.00	14.24 -0.12 0.39	18.25 -0.17 0.00	21.92 -0.18 0.00	21.30 -0.05 0.00	22.75 0.08 0.00	20.06 -0.01 0.00	17.37 -0.03 0.00	14.99 -0.01 0.00
NEG___GEN_MONROE 24207	19.70 -0.88 0.00	15.52 -0.67 0.00	19.57 -0.80 0.00	-29.85 0.50 0.00	0.27 0.00 0.00	3.94 -0.09 0.00	5.38 -0.11 0.00	18.16 -0.64 0.00	22.87 -0.93 0.00	26.60 -1.00 0.00	20.66 -0.84 0.00	17.14 -0.73 0.13	21.01 -0.81 0.00	15.14 -0.56 0.00	20.03 -0.82 0.00	14.34 -0.59 0.00	13.66 -0.62 0.47	17.73 -0.69 0.00	21.40 -0.70 0.00	20.95 -0.40 0.00	22.48 -0.19 0.00	19.86 -0.21 0.00	17.09 -0.30 0.00	14.75 -0.25 0.00
NEPA___ENERGY 23901	19.35 -1.23 0.00	15.25 -0.94 0.00	19.38 -1.00 0.00	-29.97 0.38 0.00	0.27 0.00 0.00	3.93 -0.10 0.00	5.33 -0.15 0.00	17.93 -0.87 0.00	17.56 -1.41 4.82	23.23 -1.53 2.84	20.15 -1.24 0.10	16.42 -1.14 0.44	18.39 -1.22 2.20	14.38 -0.90 0.42	12.73 -1.26 6.86	7.72 -0.86 6.35	6.79 -0.87 7.10	14.53 -1.05 2.84	21.03 -1.08 0.00	20.58 -0.76 0.00	22.21 -0.46 0.00	19.58 -0.48 0.00	16.87 -0.52 0.00	14.56 -0.43 0.00

NEVERSINK___HYD 23608	21.53 0.95 0.00	16.83 0.73 0.08	21.27 0.90 0.00	-39.26 -1.04 7.88	-3.40 0.01 3.68	1.75 0.16 2.45	3.20 0.21 2.50	19.09 0.76 0.46	24.45 0.65 0.00	28.26 0.66 0.00	22.05 0.56 0.00	18.60 0.60 0.00	22.56 0.75 0.00	16.37 0.67 0.00	21.65 0.80 0.00	15.62 0.70 0.00	15.44 0.69 0.00	19.18 0.76 0.00	22.94 0.83 0.00	22.24 0.90 0.00	23.68 1.01 0.00	20.79 0.73 0.00	18.06 0.66 0.00	15.57 0.57 0.00
NEWKRMKL_115KV_TB1 55635	21.13 0.55 0.00	16.74 0.55 0.00	21.09 0.72 0.00	-31.38 -1.03 0.00	0.28 0.01 0.00	4.17 0.14 0.00	5.65 0.16 0.00	19.22 0.43 0.00	24.08 0.28 0.00	27.80 0.20 0.00	21.67 0.18 0.00	18.19 0.20 0.00	22.13 0.32 0.00	16.03 0.32 0.00	21.19 0.35 0.00	15.33 0.41 0.00	15.17 0.42 0.00	18.85 0.43 0.00	22.55 0.44 0.00	21.81 0.46 0.00	23.18 0.51 0.00	20.40 0.33 0.00	17.74 0.34 0.00	15.30 0.30 0.00
NEWTON___FALLS_HYD 23847	19.96 -0.62 0.00	15.60 -0.59 0.00	19.63 -0.74 0.00	-29.81 0.54 0.00	0.27 0.00 0.00	3.95 -0.08 0.00	5.39 -0.10 0.00	18.49 -0.31 0.00	23.67 -0.12 0.00	27.41 -0.19 0.00	21.17 -0.32 0.00	17.63 -0.37 0.00	21.35 -0.46 0.00	15.34 -0.36 0.00	20.36 -0.49 0.00	14.33 -0.60 0.00	14.18 -0.57 0.00	17.96 -0.46 0.00	21.51 -0.60 0.00	20.61 -0.74 0.00	21.72 -0.95 0.00	19.24 -0.83 0.00	16.63 -0.77 0.00	14.42 -0.58 0.00
NGRID_A1_DSASP 323792	18.57 -2.00 0.00	14.66 -1.53 0.00	18.52 -1.85 0.00	-28.74 1.60 0.00	0.26 -0.01 0.00	3.80 -0.24 0.00	5.19 -0.30 0.00	17.29 -1.51 0.00	16.51 -2.07 5.23	22.26 -2.26 3.08	19.49 -1.89 0.11	15.98 -1.60 0.41	17.63 -1.80 2.38	13.98 -1.26 0.46	11.66 -1.75 7.44	6.77 -1.27 6.88	5.96 -1.33 7.46	13.78 -1.57 3.08	20.38 -1.73 0.00	20.05 -1.30 0.00	21.62 -1.06 0.00	19.11 -0.95 0.00	16.43 -0.96 0.00	14.23 -0.77 0.00
NGRID_A2_DSASP 323793	18.57 -2.00 0.00	14.66 -1.53 0.00	18.52 -1.85 0.00	-28.74 1.60 0.00	0.26 -0.01 0.00	3.80 -0.24 0.00	5.19 -0.30 0.00	17.29 -1.51 0.00	16.51 -2.07 5.23	22.26 -2.26 3.08	19.49 -1.89 0.11	15.98 -1.60 0.41	17.63 -1.80 2.38	13.98 -1.26 0.46	11.66 -1.75 7.44	6.77 -1.27 6.88	5.96 -1.33 7.46	13.78 -1.57 3.08	20.38 -1.73 0.00	20.05 -1.30 0.00	21.62 -1.06 0.00	19.11 -0.95 0.00	16.43 -0.96 0.00	14.23 -0.77 0.00
NGRID_A4_DSASP 323807	18.57 -2.00 0.00	14.66 -1.53 0.00	18.52 -1.85 0.00	-28.74 1.60 0.00	0.26 -0.01 0.00	3.80 -0.24 0.00	5.19 -0.30 0.00	17.29 -1.51 0.00	16.51 -2.07 5.23	22.26 -2.26 3.08	19.49 -1.89 0.11	15.98 -1.60 0.41	17.63 -1.80 2.38	13.98 -1.26 0.46	11.66 -1.75 7.44	6.77 -1.27 6.88	5.96 -1.33 7.46	13.78 -1.57 3.08	20.38 -1.73 0.00	20.05 -1.30 0.00	21.62 -1.06 0.00	19.11 -0.95 0.00	16.43 -0.96 0.00	14.23 -0.77 0.00
NIAGARA_115E_LBMP 323715	18.52 -2.06 0.00	14.61 -1.58 0.00	18.46 -1.91 0.00	-28.70 1.65 0.00	0.26 -0.02 0.00	3.75 -0.28 0.00	5.14 -0.35 0.00	17.10 -1.70 0.00	16.46 -2.04 5.30	22.14 -2.34 3.12	19.39 -1.98 0.11	15.90 -1.68 0.42	17.60 -1.79 2.42	13.89 -1.34 0.46	11.59 -1.70 7.55	6.70 -1.24 6.98	5.90 -1.28 7.57	13.72 -1.58 3.12	20.19 -1.92 0.00	19.85 -1.49 0.00	21.43 -1.24 0.00	18.96 -1.11 0.00	16.30 -1.10 0.00	14.12 -0.88 0.00
NIAGARA_115W_LBMP 323714	18.51 -2.07 0.00	14.61 -1.57 0.00	18.46 -1.91 0.00	-28.65 1.69 0.00	0.26 -0.01 0.00	3.79 -0.24 0.00	5.17 -0.32 0.00	17.25 -1.55 0.00	16.50 -2.11 5.19	22.23 -2.31 3.06	19.45 -1.94 0.11	15.94 -1.64 0.41	17.59 -1.85 2.36	13.95 -1.29 0.45	11.67 -1.79 7.39	6.79 -1.30 6.83	5.98 -1.36 7.41	13.76 -1.61 3.06	20.33 -1.78 0.00	20.00 -1.35 0.00	21.56 -1.11 0.00	19.07 -1.00 0.00	16.40 -1.00 0.00	14.20 -0.80 0.00
NIAGARA_230_LBMP 323716	18.70 -1.88 0.00	14.76 -1.43 0.00	18.64 -1.73 0.00	-28.91 1.44 0.00	0.26 -0.01 0.00	3.80 -0.23 0.00	5.19 -0.30 0.00	17.32 -1.48 0.00	16.82 -2.01 4.97	22.45 -2.23 2.93	19.52 -1.86 0.11	16.02 -1.58 0.40	17.78 -1.77 2.26	14.02 -1.25 0.44	12.06 -1.71 7.07	7.14 -1.25 6.54	6.35 -1.29 7.11	13.96 -1.53 2.92	20.42 -1.69 0.00	20.07 -1.27 0.00	21.64 -1.04 0.00	19.13 -0.94 0.00	16.45 -0.94 0.00	14.24 -0.76 0.00
NIAGARA___115KV_198_GIBSON 55903	18.51 -2.06 0.00	14.61 -1.57 0.00	18.46 -1.92 0.00	-28.59 1.76 0.00	0.26 -0.01 0.00	3.79 -0.25 0.00	5.17 -0.32 0.00	17.24 -1.55 0.00	16.47 -2.14 5.19	22.22 -2.33 3.06	19.45 -1.93 0.11	15.95 -1.64 0.41	17.59 -1.86 2.36	13.95 -1.30 0.45	11.63 -1.83 7.39	6.78 -1.31 6.83	5.97 -1.37 7.41	13.74 -1.62 3.06	20.32 -1.79 0.00	20.00 -1.35 0.00	21.56 -1.11 0.00	19.07 -1.00 0.00	16.40 -1.00 0.00	14.20 -0.80 0.00
NIAGARA____ 23760	18.70 -1.88 0.00	14.76 -1.43 0.00	18.64 -1.73 0.00	-28.91 1.44 0.00	0.26 -0.01 0.00	3.80 -0.23 0.00	5.19 -0.30 0.00	17.32 -1.48 0.00	16.76 -2.01 5.02	22.41 -2.23 2.96	19.52 -1.86 0.11	16.01 -1.58 0.40	17.74 -1.77 2.30	14.01 -1.25 0.44	11.94 -1.71 7.20	7.02 -1.25 6.65	6.24 -1.29 7.21	13.92 -1.53 2.97	20.42 -1.69 0.00	20.07 -1.27 0.00	21.64 -1.04 0.00	19.13 -0.94 0.00	16.45 -0.94 0.00	14.24 -0.76 0.00
NINE_MILE_1 23575	19.95 -0.63 0.00	15.72 -0.46 0.00	19.81 -0.56 0.00	-29.68 0.67 0.00	0.27 -0.01 0.00	3.94 -0.09 0.00	5.36 -0.13 0.00	18.25 -0.55 0.00	22.95 -0.85 0.00	26.59 -1.02 0.00	20.72 -0.78 0.00	17.36 -0.64 0.00	21.07 -0.73 0.00	15.21 -0.50 0.00	20.14 -0.71 0.00	14.48 -0.45 0.00	14.31 -0.44 0.00	17.85 -0.58 0.00	21.39 -0.71 0.00	20.73 -0.61 0.00	22.07 -0.60 0.00	19.50 -0.57 0.00	16.89 -0.50 0.00	14.57 -0.43 0.00
NINE_MILE_2 23744	19.95 -0.63 0.00	15.73 -0.46 0.00	19.82 -0.55 0.00	-29.68 0.67 0.00	0.27 -0.01 0.00	3.94 -0.09 0.00	5.36 -0.13 0.00	18.25 -0.55 0.00	22.96 -0.84 0.00	26.59 -1.02 0.00	20.72 -0.78 0.00	17.36 -0.63 0.00	21.08 -0.73 0.00	15.21 -0.49 0.00	20.14 -0.71 0.00	14.48 -0.45 0.00	14.31 -0.44 0.00	17.85 -0.57 0.00	21.39 -0.71 0.00	20.73 -0.61 0.00	22.07 -0.60 0.00	19.50 -0.57 0.00	16.89 -0.50 0.00	14.57 -0.43 0.00
NM_CAPITAL___DRP 24208	21.17 0.59 0.00	16.76 0.57 0.00	21.12 0.75 0.00	-31.39 -1.05 0.00	0.28 0.01 0.00	4.18 0.14 0.00	5.65 0.17 0.00	19.27 0.47 0.00	24.12 0.32 0.00	27.84 0.24 0.00	21.69 0.19 0.00	18.21 0.21 0.00	22.16 0.35 0.00	16.06 0.36 0.00	21.23 0.38 0.00	15.36 0.44 0.00	15.19 0.44 0.00	18.88 0.46 0.00	22.58 0.47 0.00	21.83 0.49 0.00	23.21 0.54 0.00	20.42 0.36 0.00	17.77 0.37 0.00	15.33 0.33 0.00
NM_CENTRAL___DRP 24181	20.36 -0.21 0.00	16.04 -0.15 0.00	20.22 -0.15 0.00	-30.31 0.03 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.47 -0.02 0.00	18.62 -0.18 0.00	23.39 -0.41 0.00	27.08 -0.52 0.00	21.12 -0.37 0.00	17.70 -0.29 0.00	21.50 -0.31 0.00	15.52 -0.18 0.00	20.55 -0.30 0.00	14.79 -0.13 0.00	14.62 -0.13 0.00	18.24 -0.18 0.00	21.87 -0.23 0.00	21.21 -0.13 0.00	22.61 -0.07 0.00	19.95 -0.11 0.00	17.27 -0.12 0.00	14.89 -0.11 0.00

NM_FRONTIER___DRP 24179	18.51 -2.06 0.00	14.61 -1.57 0.00	18.46 -1.92 0.00	-28.59 1.76 0.00	0.26 -0.01 0.00	3.79 -0.25 0.00	5.17 -0.32 0.00	17.24 -1.55 0.00	16.47 -2.14 5.19	22.22 -2.33 3.06	19.45 -1.93 0.11	15.95 -1.64 0.41	17.59 -1.86 2.36	13.95 -1.30 0.45	11.63 -1.83 7.39	6.78 -1.31 6.83	5.97 -1.37 7.41	13.74 -1.62 3.06	20.32 -1.79 0.00	20.00 -1.35 0.00	21.56 -1.11 0.00	19.07 -1.00 0.00	16.40 -1.00 0.00	14.20 -0.80 0.00
NM_ST_REGIS___HYD 24053	20.01 -0.57 0.00	15.67 -0.51 0.00	19.71 -0.66 0.00	-29.46 0.88 0.00	0.26 -0.01 0.00	3.90 -0.14 0.00	5.33 -0.16 0.00	18.35 -0.44 0.00	23.78 -0.02 0.00	27.72 0.12 0.00	21.50 0.01 0.00	17.87 -0.13 0.00	21.56 -0.25 0.00	15.48 -0.22 0.00	20.55 -0.29 0.00	14.39 -0.53 0.00	14.20 -0.55 0.00	17.89 -0.53 0.00	21.53 -0.57 0.00	20.64 -0.70 0.00	21.74 -0.93 0.00	19.34 -0.73 0.00	16.69 -0.71 0.00	14.38 -0.62 0.00
NORTHPORT___1 23551	22.15 1.58 0.00	17.97 1.43 -0.36	22.19 1.81 0.00	149.87 -1.17 -181.39	41.70 0.02 -41.40	31.91 0.27 -27.60	33.96 0.34 -28.13	25.24 1.22 -5.22	24.93 1.13 0.00	28.97 1.37 0.00	22.57 1.09 0.00	19.21 1.22 0.00	23.24 1.44 0.00	16.93 1.22 0.00	35.32 1.57 -12.91	21.03 1.36 -4.74	16.39 1.37 -0.27	19.85 1.43 0.00	23.82 1.71 0.00	23.13 1.78 0.00	24.66 1.99 0.00	21.53 1.47 -0.01	20.75 1.43 -1.93	16.40 1.32 -0.08
NORTHPORT___2 23552	22.15 1.58 0.00	17.97 1.43 -0.36	22.19 1.81 0.00	149.87 -1.17 -181.39	41.70 0.02 -41.40	31.91 0.27 -27.60	33.96 0.34 -28.13	25.24 1.22 -5.22	24.93 1.13 0.00	28.97 1.37 0.00	22.57 1.09 0.00	19.21 1.22 0.00	23.24 1.44 0.00	16.93 1.22 0.00	35.32 1.57 -12.91	21.03 1.36 -4.74	16.39 1.37 -0.27	19.85 1.43 0.00	23.82 1.71 0.00	23.13 1.78 0.00	24.66 1.99 0.00	21.53 1.47 -0.01	20.75 1.43 -1.93	16.40 1.32 -0.08
NORTHPORT___3 23553	21.87 1.29 0.00	17.71 1.17 -0.36	21.85 1.48 0.00	150.25 -0.80 -181.39	41.69 0.02 -41.40	31.85 0.21 -27.60	33.88 0.27 -28.13	24.96 0.94 -5.22	24.59 0.79 0.00	28.55 0.95 0.00	22.27 0.78 0.00	18.95 0.95 0.00	22.92 1.11 0.00	16.68 0.98 0.00	35.23 1.26 -13.12	20.89 1.15 -4.82	16.18 1.16 -0.28	19.60 1.18 0.00	23.47 1.36 0.00	22.79 1.44 0.00	24.28 1.61 0.00	21.22 1.15 -0.01	20.51 1.15 -1.96	16.16 1.08 -0.08
NORTHPORT___4 23650	21.87 1.29 0.00	17.71 1.17 -0.36	21.85 1.48 0.00	150.25 -0.80 -181.39	41.69 0.02 -41.40	31.85 0.21 -27.60	33.88 0.27 -28.13	24.96 0.94 -5.22	24.59 0.79 0.00	28.55 0.95 0.00	22.27 0.78 0.00	18.95 0.95 0.00	22.92 1.11 0.00	16.68 0.98 0.00	35.23 1.26 -13.12	20.89 1.15 -4.82	16.18 1.16 -0.28	19.60 1.18 0.00	23.47 1.36 0.00	22.79 1.44 0.00	24.28 1.61 0.00	21.22 1.15 -0.01	20.51 1.15 -1.96	16.16 1.08 -0.08
NORTHPORT___IC 23718	22.15 1.58 0.00	17.97 1.43 -0.36	22.19 1.81 0.00	149.89 -1.16 -181.39	41.70 0.02 -41.40	31.91 0.27 -27.60	33.96 0.34 -28.13	25.24 1.22 -5.22	24.93 1.13 0.00	28.96 1.36 0.00	22.57 1.09 0.00	19.21 1.22 0.00	23.25 1.44 0.00	16.92 1.22 0.00	35.32 1.57 -12.91	21.03 1.36 -4.74	16.39 1.36 -0.27	19.85 1.43 0.00	23.81 1.71 0.00	23.13 1.78 0.00	24.66 1.99 0.00	21.54 1.47 -0.01	20.75 1.43 -1.93	16.40 1.32 -0.08
NORTH___COUNTRY_ESR 323785	20.44 -0.14 0.00	16.03 -0.15 0.00	20.18 -0.18 0.00	-30.03 0.31 0.00	0.27 0.00 0.00	3.97 -0.06 0.00	5.42 -0.06 0.00	18.67 -0.13 0.00	24.02 0.23 0.00	28.03 0.43 0.00	21.74 0.25 0.00	18.00 0.00 0.00	21.73 -0.08 0.00	15.61 -0.09 0.00	20.71 -0.14 0.00	14.52 -0.41 0.00	14.29 -0.46 0.00	17.90 -0.52 0.00	21.49 -0.62 0.00	20.68 -0.66 0.00	21.82 -0.85 0.00	19.43 -0.63 0.00	16.79 -0.61 0.00	14.43 -0.56 0.00
NPX_GEN_1385_PROXY 323591	22.16 1.58 0.00	18.05 1.51 -0.36	22.37 1.99 0.00	149.39 -1.66 -181.39	41.70 0.02 -41.40	31.92 0.27 -27.60	33.95 0.33 -28.13	25.20 1.17 -5.22	24.84 1.05 0.00	29.00 1.40 0.00	21.73 1.03 0.80	19.13 1.14 0.00	23.19 1.38 0.00	16.93 1.22 0.00	35.32 1.56 -12.91	20.94 1.27 -4.74	16.27 1.25 -0.27	19.91 1.33 -0.16	23.92 1.81 0.00	23.18 1.84 0.00	24.77 2.10 0.00	21.53 1.47 -0.01	20.76 1.43 -1.93	16.47 1.39 -0.08
NPX_GEN_CSC 323557	22.08 1.50 0.00	18.04 1.49 -0.36	22.37 2.00 0.00	149.90 -1.14 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.96 0.35 -28.13	25.34 1.32 -5.22	24.93 1.14 0.00	29.05 1.45 0.00	21.69 0.99 0.80	19.23 1.24 0.00	23.42 1.61 0.00	17.04 1.34 0.00	35.71 1.74 -13.12	21.28 1.54 -4.82	16.55 1.52 -0.28	20.23 1.65 -0.16	24.06 1.96 0.00	23.40 2.06 0.00	24.96 2.29 0.00	21.80 1.73 -0.01	20.97 1.62 -1.96	16.51 1.43 -0.08
NSINS_S_GLNS_FALLS 23858	21.98 1.40 0.00	17.31 1.12 0.00	21.84 1.48 0.00	-32.46 -2.12 0.00	0.29 0.02 0.00	4.32 0.29 0.00	5.86 0.37 0.00	20.10 1.30 0.00	25.16 1.36 0.00	29.08 1.48 0.00	22.53 1.04 0.00	18.92 0.93 0.00	23.08 1.27 0.00	16.65 0.95 0.00	21.99 1.14 0.00	15.90 0.97 0.00	15.73 0.98 0.00	19.55 1.13 0.00	23.39 1.29 0.00	22.63 1.29 0.00	24.05 1.37 0.00	21.22 1.16 0.00	18.42 1.02 0.00	15.88 0.88 0.00
NUCOR_STEEL___DRP 24197	20.44 -0.14 0.00	16.11 -0.08 0.00	20.30 -0.07 0.00	-30.48 -0.14 0.00	0.27 0.00 0.00	4.04 0.00 0.00	5.49 0.00 0.00	18.71 -0.09 0.00	23.50 -0.29 0.00	27.24 -0.36 0.00	21.24 -0.25 0.00	17.81 -0.28 -0.09	21.49 -0.32 0.00	15.56 -0.14 0.00	20.55 -0.29 0.00	14.83 -0.09 0.00	14.99 -0.09 -0.32	18.31 -0.11 0.00	21.88 -0.23 0.00	21.30 -0.04 0.00	22.65 -0.02 0.00	20.08 0.02 0.00	17.38 -0.01 0.00	14.92 -0.08 0.00
NUMBER_THREE_WT_PWR 323818	20.29 -0.29 0.00	15.82 -0.37 0.00	19.93 -0.44 0.00	-30.76 -0.41 0.00	0.27 0.00 0.00	4.08 0.05 0.00	5.55 0.06 0.00	18.96 0.17 0.00	23.97 0.18 0.00	27.57 -0.03 0.00	21.19 -0.30 0.00	17.61 -0.38 0.00	21.42 -0.39 0.00	15.44 -0.26 0.00	20.44 -0.41 0.00	14.48 -0.44 0.00	14.35 -0.40 0.00	18.28 -0.14 0.00	21.78 -0.33 0.00	20.86 -0.48 0.00	21.99 -0.68 0.00	19.39 -0.67 0.00	16.80 -0.60 0.00	14.67 -0.33 0.00
NYISO_LBMP_REFERENCE 24008	20.58 0.00 0.00	16.19 0.00 0.00	20.37 0.00 0.00	-30.34 0.00 0.00	0.27 0.00 0.00	4.03 0.00 0.00	5.49 0.00 0.00	18.80 0.00 0.00	23.80 0.00 0.00	27.60 0.00 0.00	21.49 0.00 0.00	17.99 0.00 0.00	21.81 0.00 0.00	15.70 0.00 0.00	20.85 0.00 0.00	14.92 0.00 0.00	14.75 0.00 0.00	18.42 0.00 0.00	22.11 0.00 0.00	21.35 0.00 0.00	22.67 0.00 0.00	20.06 0.00 0.00	17.40 0.00 0.00	15.00 0.00 0.00
NYPA_BRENTWD____GT 24164	22.32 1.74 0.00	18.09 1.55 -0.36	22.33 1.96 0.00	149.71 -1.34 -181.39	41.70 0.02 -41.40	31.94 0.30 -27.60	34.00 0.39 -28.13	25.41 1.39 -5.22	25.13 1.34 0.00	29.18 1.58 0.00	22.76 1.26 0.00	19.35 1.35 0.00	23.43 1.62 0.00	17.06 1.36 0.00	36.06 1.78 -13.43	21.39 1.54 -4.94	16.58 1.54 -0.29	20.06 1.64 0.00	24.06 1.96 0.00	23.39 2.04 0.00	24.95 2.28 0.00	21.80 1.72 -0.01	21.03 1.63 -2.01	16.54 1.46 -0.08

NYPA_GOWANUS____GT5 24156	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NYPA_GOWANUS____GT6 24157	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NYPA_HARLEM__RVR__GT1 24160	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.35 0.01	76.77 -1.59 -108.70	41.86 0.02 -41.57	32.00 0.24 -27.72	34.05 0.33 -28.24	25.30 1.25 -5.25	24.88 1.09 0.00	28.81 1.21 0.00	22.52 1.03 0.00	18.99 1.00 0.00	23.01 1.20 0.00	16.80 1.10 0.00	22.11 1.26 0.00	16.13 1.20 0.00	15.91 1.16 0.00	19.71 1.28 0.00	23.48 1.39 0.02	22.78 1.44 0.01	24.23 1.57 0.02	21.24 1.19 0.02	18.51 1.12 0.01	15.96 0.97 0.02
NYPA_HARLEM__RVR__GT2 24161	22.15 1.57 0.00	17.80 1.26 -0.36	21.71 1.35 0.01	76.77 -1.59 -108.70	41.86 0.02 -41.57	32.00 0.24 -27.72	34.05 0.33 -28.24	25.30 1.25 -5.25	24.88 1.09 0.00	28.81 1.21 0.00	22.52 1.03 0.00	18.99 1.00 0.00	23.01 1.20 0.00	16.80 1.10 0.00	22.11 1.26 0.00	16.13 1.20 0.00	15.91 1.16 0.00	19.71 1.28 0.00	23.48 1.39 0.02	22.78 1.44 0.01	24.23 1.57 0.02	21.24 1.19 0.02	18.51 1.12 0.01	15.96 0.97 0.02
NYPA_KENT____GT 24152	22.15 1.57 0.00	17.80 1.26 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.02 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.15 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.27 0.00	16.02 1.27 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.25 0.00	16.09 1.09 0.00
NYPA_POUCH1____GT 24155	22.10 1.53 0.00	17.76 1.22 -0.36	21.82 1.45 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.02 0.26 -27.73	34.08 0.35 -28.25	25.32 1.28 -5.25	24.97 1.17 0.00	28.92 1.32 0.00	22.55 1.06 0.00	19.06 1.07 0.00	23.09 1.28 0.00	16.83 1.13 0.00	22.20 1.35 0.00	16.16 1.23 0.00	15.99 1.24 0.00	19.79 1.37 0.00	23.61 1.50 0.00	22.91 1.57 0.00	24.40 1.73 0.00	21.33 1.27 0.00	18.61 1.21 0.00	16.05 1.05 0.00
NYPA_VERNON____GT2 24162	22.14 1.57 0.00	17.79 1.25 -0.36	21.85 1.49 0.00	150.13 -1.72 -182.19	41.88 0.02 -41.58	32.02 0.26 -27.73	34.08 0.34 -28.25	25.32 1.27 -5.25	25.00 1.21 0.00	28.90 1.30 0.00	22.61 1.12 0.00	19.08 1.09 0.00	23.14 1.34 0.00	16.87 1.17 0.00	22.23 1.39 0.00	16.19 1.27 0.00	15.99 1.24 0.00	19.79 1.37 0.00	23.61 1.50 0.00	22.89 1.55 0.00	24.36 1.68 0.00	21.34 1.28 0.00	18.60 1.20 0.00	16.07 1.07 0.00
NYPA_VERNON____GT3 24163	22.14 1.57 0.00	17.79 1.25 -0.36	21.85 1.49 0.00	150.13 -1.72 -182.19	41.88 0.02 -41.58	32.02 0.26 -27.73	34.08 0.34 -28.25	25.32 1.27 -5.25	25.00 1.21 0.00	28.90 1.30 0.00	22.61 1.12 0.00	19.08 1.09 0.00	23.14 1.34 0.00	16.87 1.17 0.00	22.23 1.39 0.00	16.19 1.27 0.00	15.99 1.24 0.00	19.79 1.37 0.00	23.61 1.50 0.00	22.89 1.55 0.00	24.36 1.68 0.00	21.34 1.28 0.00	18.60 1.20 0.00	16.07 1.07 0.00
NYPA____ASTORIA_CC1 323568	22.13 1.55 0.00	17.78 1.24 -0.36	21.83 1.46 0.00	150.17 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.07 0.33 -28.25	25.31 1.27 -5.25	24.98 1.18 0.00	28.88 1.28 0.00	22.59 1.10 0.00	19.07 1.08 0.00	23.12 1.32 0.00	16.85 1.15 0.00	22.21 1.36 0.00	16.18 1.25 0.00	15.97 1.22 0.00	19.77 1.35 0.00	23.59 1.48 0.00	22.87 1.52 0.00	24.33 1.66 0.00	21.32 1.26 0.00	18.58 1.19 0.00	16.06 1.06 0.00
NYPA____ASTORIA_CC2 323569	22.13 1.55 0.00	17.78 1.24 -0.36	21.83 1.46 0.00	150.17 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.07 0.33 -28.25	25.31 1.27 -5.25	24.98 1.18 0.00	28.88 1.28 0.00	22.59 1.10 0.00	19.07 1.08 0.00	23.12 1.32 0.00	16.85 1.15 0.00	22.21 1.36 0.00	16.18 1.25 0.00	15.97 1.22 0.00	19.77 1.35 0.00	23.59 1.48 0.00	22.87 1.52 0.00	24.33 1.66 0.00	21.32 1.26 0.00	18.58 1.19 0.00	16.06 1.06 0.00
NYPA____HOLTSVILL 23794	22.17 1.59 0.00	18.00 1.46 -0.36	22.24 1.87 0.00	150.00 -1.04 -181.39	41.70 0.02 -41.40	31.92 0.27 -27.60	33.97 0.35 -28.13	25.30 1.28 -5.22	24.97 1.17 0.00	29.02 1.42 0.00	22.59 1.10 0.00	19.24 1.25 0.00	23.33 1.52 0.00	16.98 1.28 0.00	35.61 1.66 -13.10	21.19 1.46 -4.81	16.49 1.46 -0.28	19.98 1.56 0.00	23.94 1.84 0.00	23.27 1.93 0.00	24.82 2.15 0.00	21.69 1.61 -0.01	20.88 1.53 -1.96	16.45 1.37 -0.08
NYPA____HELLGATE_GT1 24158	22.15 1.57 0.00	17.80 1.26 -0.36	21.72 1.35 0.01	146.64 -1.59 -178.57	41.87 0.02 -41.58	32.01 0.24 -27.73	34.07 0.33 -28.25	25.30 1.25 -5.25	24.88 1.09 0.00	28.81 1.21 0.00	22.52 1.03 0.00	18.99 1.00 0.00	23.01 1.20 0.00	16.80 1.10 0.00	22.11 1.26 0.00	16.13 1.20 0.00	15.91 1.16 0.00	19.71 1.28 0.00	23.49 1.39 0.00	22.78 1.44 0.00	24.24 1.57 0.00	21.25 1.19 0.00	18.52 1.12 0.00	15.97 0.97 0.00
NYPA____HELLGATE_GT2 24159	22.15 1.57 0.00	17.80 1.26 -0.36	21.72 1.35 0.01	146.64 -1.59 -178.57	41.87 0.02 -41.58	32.01 0.24 -27.73	34.07 0.33 -28.25	25.30 1.25 -5.25	24.88 1.09 0.00	28.81 1.21 0.00	22.52 1.03 0.00	18.99 1.00 0.00	23.01 1.20 0.00	16.80 1.10 0.00	22.11 1.26 0.00	16.13 1.20 0.00	15.91 1.16 0.00	19.71 1.28 0.00	23.49 1.39 0.00	22.78 1.44 0.00	24.24 1.57 0.00	21.25 1.19 0.00	18.52 1.12 0.00	15.97 0.97 0.00
NYS_BARGE____HYD 23848	18.81 -1.77 0.00	14.83 -1.35 0.00	18.74 -1.63 0.00	-29.11 1.24 0.00	0.26 -0.01 0.00	3.81 -0.22 0.00	5.21 -0.28 0.00	17.38 -1.42 0.00	16.91 -1.77 5.13	22.59 -1.99 3.02	19.69 -1.69 0.11	16.15 -1.44 0.41	17.92 -1.55 2.34	14.10 -1.15 0.45	12.04 -1.50 7.30	7.08 -1.09 6.75	6.30 -1.14 7.31	14.03 -1.37 3.02	20.52 -1.59 0.00	20.18 -1.17 0.00	21.77 -0.90 0.00	19.25 -0.81 0.00	16.55 -0.85 0.00	14.32 -0.68 0.00
OAK ORCHARD____HYD 24046	19.64 -0.94 0.00	15.48 -0.71 0.00	19.53 -0.84 0.00	-29.74 0.60 0.00	0.27 0.00 0.00	3.93 -0.10 0.00	5.36 -0.13 0.00	18.10 -0.70 0.00	22.76 -1.04 0.00	26.47 -1.13 0.00	20.55 -0.94 0.00	17.06 -0.80 0.13	20.91 -0.90 0.00	15.09 -0.61 0.00	19.96 -0.89 0.00	14.30 -0.62 0.00	13.65 -0.65 0.46	17.68 -0.74 0.00	21.32 -0.79 0.00	20.83 -0.51 0.00	22.33 -0.34 0.00	19.72 -0.34 0.00	17.00 -0.40 0.00	14.67 -0.33 0.00

OAKDALE___35_KV_LOAD 356122	20.46 -0.12 0.00	16.11 -0.08 0.00	20.35 -0.02 0.00	-30.62 -0.27 0.00	0.27 0.00 0.00	4.06 0.02 0.00	5.50 0.01 0.00	18.69 -0.10 0.00	23.41 -0.39 0.00	27.11 -0.49 0.00	21.12 -0.37 0.00	17.52 -0.33 0.15	21.47 -0.34 0.00	15.50 -0.20 0.00	20.55 -0.30 0.00	14.79 -0.13 0.00	14.12 -0.12 0.51	18.24 -0.18 0.00	21.91 -0.20 0.00	21.28 -0.06 0.00	22.73 0.05 0.00	20.04 -0.03 0.00	17.36 -0.04 0.00	14.98 -0.02 0.00
OCC_CHEM___DRP 24175	18.57 -2.00 0.00	14.66 -1.53 0.00	18.51 -1.86 0.00	-28.66 1.68 0.00	0.26 -0.01 0.00	3.79 -0.24 0.00	5.18 -0.31 0.00	17.28 -1.51 0.00	16.48 -2.09 5.23	22.24 -2.27 3.08	19.49 -1.89 0.11	15.99 -1.59 0.41	17.62 -1.81 2.38	13.98 -1.27 0.46	11.62 -1.78 7.44	6.76 -1.28 6.88	5.95 -1.34 7.46	13.76 -1.59 3.08	20.37 -1.74 0.00	20.05 -1.30 0.00	21.62 -1.06 0.00	19.11 -0.95 0.00	16.43 -0.96 0.00	14.23 -0.77 0.00
OH_GEN_PROXY 24063	18.75 -1.83 0.00	14.80 -1.39 0.00	18.70 -1.67 0.00	-28.94 1.41 0.00	0.26 -0.01 0.00	3.81 -0.23 0.00	5.20 -0.29 0.00	17.37 -1.42 0.00	17.36 -1.96 4.48	22.79 -2.17 2.64	18.78 -1.82 0.89	16.06 -1.55 0.38	18.03 -1.74 2.04	14.09 -1.22 0.39	12.79 -1.69 6.38	7.81 -1.23 5.89	7.01 -1.27 6.47	14.44 -1.50 2.48	20.46 -1.64 0.00	20.11 -1.24 0.00	21.67 -1.00 0.00	19.15 -0.91 0.00	16.48 -0.92 0.00	14.26 -0.74 0.00
OLIN_CORP_DRP 24177	18.56 -2.01 0.00	14.64 -1.54 0.00	18.50 -1.87 0.00	-28.69 1.65 0.00	0.26 -0.01 0.00	3.76 -0.27 0.00	5.15 -0.34 0.00	17.15 -1.65 0.00	16.40 -2.04 5.35	22.14 -2.30 3.16	19.43 -1.94 0.12	15.96 -1.62 0.42	17.60 -1.77 2.44	13.92 -1.32 0.47	11.51 -1.71 7.63	6.64 -1.23 7.05	5.82 -1.28 7.64	13.70 -1.57 3.15	20.24 -1.87 0.00	19.90 -1.44 0.00	21.49 -1.18 0.00	19.00 -1.06 0.00	16.34 -1.06 0.00	14.15 -0.85 0.00
OLIN_CORP_DSASP 323712	18.57 -2.00 0.00	14.66 -1.53 0.00	18.52 -1.85 0.00	-28.74 1.60 0.00	0.26 -0.01 0.00	3.80 -0.24 0.00	5.19 -0.30 0.00	17.29 -1.51 0.00	16.51 -2.07 5.23	22.26 -2.26 3.08	19.49 -1.89 0.11	15.98 -1.60 0.41	17.63 -1.80 2.38	13.98 -1.26 0.46	11.66 -1.75 7.44	6.77 -1.27 6.88	5.96 -1.33 7.46	13.78 -1.57 3.08	20.38 -1.73 0.00	20.05 -1.30 0.00	21.62 -1.06 0.00	19.11 -0.95 0.00	16.43 -0.96 0.00	14.23 -0.77 0.00
ONEIDA_HERK_LFGE 323681	20.75 0.16 0.00	16.26 0.08 0.00	20.49 0.11 0.00	-31.01 -0.66 0.00	0.28 0.01 0.00	4.12 0.09 0.00	5.60 0.11 0.00	19.12 0.32 0.00	24.08 0.29 0.00	27.80 0.20 0.00	21.55 0.05 0.00	18.00 0.00 0.00	21.88 0.07 0.00	15.80 0.10 0.00	20.89 0.04 0.00	14.95 0.03 0.00	14.81 0.06 0.00	18.63 0.21 0.00	22.28 0.17 0.00	21.49 0.14 0.00	22.80 0.12 0.00	20.08 0.01 0.00	17.40 0.00 0.00	15.06 0.07 0.00
ONEIDA___115KV_TB4 55905	20.97 0.40 0.00	16.49 0.30 0.00	20.77 0.40 0.00	-31.19 -0.85 0.00	0.28 0.01 0.00	4.14 0.11 0.00	5.62 0.13 0.00	19.18 0.39 0.00	24.12 0.31 0.00	27.90 0.30 0.00	21.73 0.23 0.00	18.18 0.18 0.00	22.10 0.28 0.00	15.94 0.24 0.00	21.08 0.23 0.00	15.16 0.23 0.00	15.02 0.27 0.00	18.79 0.37 0.00	22.53 0.42 0.00	21.82 0.47 0.00	23.21 0.54 0.00	20.45 0.39 0.00	17.70 0.30 0.00	15.27 0.27 0.00
ONONDAGA_REF_OCCRA 23987	20.46 -0.12 0.00	16.11 -0.07 0.00	20.31 -0.05 0.00	-30.46 -0.12 0.00	0.27 0.00 0.00	4.04 0.01 0.00	5.49 0.00 0.00	18.71 -0.09 0.00	23.50 -0.30 0.00	27.21 -0.39 0.00	21.21 -0.28 0.00	17.85 -0.21 -0.07	21.60 -0.21 0.00	15.59 -0.11 0.00	20.65 -0.20 0.00	14.86 -0.06 0.00	14.94 -0.06 -0.25	18.33 -0.09 0.00	21.98 -0.12 0.00	21.32 -0.03 0.00	22.72 0.05 0.00	20.05 -0.02 0.00	17.36 -0.04 0.00	14.96 -0.04 0.00
ONONDAGA___COGEN 23986	20.39 -0.19 0.00	16.06 -0.13 0.00	20.24 -0.13 0.00	-30.34 0.00 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.47 -0.02 0.00	18.65 -0.15 0.00	23.44 -0.35 0.00	27.15 -0.45 0.00	21.17 -0.32 0.00	17.74 -0.26 0.00	21.53 -0.27 0.00	15.55 -0.16 0.00	20.59 -0.26 0.00	14.82 -0.10 0.00	14.64 -0.11 0.00	18.27 -0.15 0.00	21.90 -0.21 0.00	21.24 -0.11 0.00	22.62 -0.06 0.00	19.98 -0.08 0.00	17.30 -0.10 0.00	14.90 -0.10 0.00
ONTARIO___LFGE 23819	20.08 -0.50 0.00	15.82 -0.37 0.00	19.98 -0.39 0.00	-30.31 0.04 0.00	0.27 0.00 0.00	4.00 -0.04 0.00	5.43 -0.06 0.00	18.41 -0.39 0.00	26.46 -0.71 -3.38	28.77 -0.83 -2.00	20.94 -0.62 -0.07	17.26 -0.58 0.15	22.72 -0.64 -1.55	15.58 -0.42 -0.30	25.04 -0.59 -4.79	18.99 -0.37 -4.44	17.67 -0.38 -3.30	19.95 -0.46 -1.99	21.63 -0.48 0.00	21.10 -0.24 0.00	22.57 -0.10 0.00	19.93 -0.13 0.00	17.20 -0.19 0.00	14.83 -0.17 0.00
ORANGEVILLE_WT_PWR 323706	19.06 -1.51 0.00	15.07 -1.12 0.00	19.09 -1.28 0.00	-29.84 0.51 0.00	0.26 -0.01 0.00	3.85 -0.18 0.00	5.22 -0.26 0.00	17.48 -1.32 0.00	-4.35 -1.94 26.21	9.89 -2.25 15.45	19.17 -1.76 0.57	15.06 -1.55 1.38	8.11 -1.75 11.95	12.13 -1.27 2.30	-18.16 -1.66 37.35	-20.77 -1.16 34.53	-21.47 -1.20 35.02	1.50 -1.48 15.44	20.51 -1.59 0.00	20.21 -1.13 0.00	21.75 -0.92 0.00	19.23 -0.83 0.00	16.57 -0.83 0.00	14.32 -0.68 0.00
ORANGEVILLE___ESR 323794	19.06 -1.51 0.00	15.07 -1.12 0.00	19.09 -1.28 0.00	-29.84 0.51 0.00	0.26 -0.01 0.00	3.85 -0.18 0.00	5.22 -0.26 0.00	17.48 -1.32 0.00	-4.35 -1.94 26.21	9.89 -2.25 15.45	19.17 -1.76 0.57	15.06 -1.55 1.38	8.11 -1.75 11.95	12.13 -1.27 2.30	-18.16 -1.66 37.35	-20.77 -1.16 34.53	-21.47 -1.20 35.02	1.50 -1.48 15.44	20.51 -1.59 0.00	20.21 -1.13 0.00	21.75 -0.92 0.00	19.23 -0.83 0.00	16.57 -0.83 0.00	14.32 -0.68 0.00
OSWEGATCHIE___HYD 24044	19.96 -0.62 0.00	15.60 -0.59 0.00	19.63 -0.74 0.00	-29.81 0.54 0.00	0.27 0.00 0.00	3.95 -0.08 0.00	5.39 -0.10 0.00	18.49 -0.31 0.00	23.67 -0.12 0.00	27.41 -0.19 0.00	21.17 -0.32 0.00	17.63 -0.37 0.00	21.35 -0.46 0.00	15.35 -0.36 0.00	20.36 -0.49 0.00	14.33 -0.60 0.00	14.18 -0.57 0.00	17.96 -0.46 0.00	21.50 -0.60 0.00	20.61 -0.74 0.00	21.72 -0.95 0.00	19.24 -0.83 0.00	16.63 -0.77 0.00	14.42 -0.58 0.00
OSWEGO___5 23606	20.06 -0.52 0.00	15.81 -0.38 0.00	19.92 -0.45 0.00	-29.83 0.52 0.00	0.27 0.00 0.00	3.96 -0.07 0.00	5.38 -0.10 0.00	18.36 -0.44 0.00	23.10 -0.70 0.00	26.75 -0.85 0.00	20.84 -0.65 0.00	17.46 -0.53 0.00	21.20 -0.61 0.00	15.30 -0.40 0.00	20.27 -0.58 0.00	14.56 -0.36 0.00	14.39 -0.36 0.00	17.96 -0.46 0.00	21.52 -0.58 0.00	20.86 -0.48 0.00	22.21 -0.47 0.00	19.63 -0.44 0.00	17.00 -0.40 0.00	14.66 -0.34 0.00
OSWEGO___6 23613	20.06 -0.52 0.00	15.81 -0.38 0.00	19.92 -0.45 0.00	-29.83 0.52 0.00	0.27 0.00 0.00	3.96 -0.07 0.00	5.38 -0.10 0.00	18.36 -0.44 0.00	23.10 -0.70 0.00	26.75 -0.85 0.00	20.84 -0.65 0.00	17.46 -0.53 0.00	21.20 -0.61 0.00	15.30 -0.40 0.00	20.27 -0.58 0.00	14.56 -0.36 0.00	14.39 -0.36 0.00	17.96 -0.46 0.00	21.52 -0.58 0.00	20.86 -0.48 0.00	22.21 -0.47 0.00	19.63 -0.44 0.00	17.00 -0.40 0.00	14.66 -0.34 0.00

OUTOKUMPU-AB___DRP 24206	18.96 -1.62 0.00	14.95 -1.23 0.00	18.89 -1.48 0.00	-29.28 1.07 0.00	0.26 -0.01 0.00	3.85 -0.18 0.00	5.26 -0.23 0.00	17.57 -1.23 0.00	16.52 -1.66 5.61	22.48 -1.81 3.31	19.86 -1.51 0.12	16.28 -1.28 0.44	17.83 -1.43 2.56	14.19 -1.02 0.49	11.44 -1.41 7.99	6.52 -1.01 7.39	5.70 -1.06 7.99	13.85 -1.26 3.31	20.73 -1.38 0.00	20.39 -0.95 0.00	22.00 -0.67 0.00	19.44 -0.63 0.00	16.71 -0.69 0.00	14.45 -0.54 0.00
OXBOW___BTM 323836	18.75 -1.83 0.00	14.80 -1.39 0.00	18.69 -1.68 0.00	-29.01 1.33 0.00	0.26 -0.01 0.00	3.83 -0.21 0.00	5.22 -0.27 0.00	17.41 -1.38 0.00	16.51 -1.87 5.42	22.35 -2.06 3.20	19.66 -1.71 0.12	16.12 -1.45 0.42	17.72 -1.62 2.47	14.08 -1.14 0.48	11.55 -1.57 7.72	6.64 -1.14 7.14	5.82 -1.20 7.73	13.81 -1.41 3.19	20.56 -1.55 0.00	20.21 -1.13 0.00	21.80 -0.87 0.00	19.27 -0.79 0.00	16.56 -0.83 0.00	14.33 -0.67 0.00
OXBOW___ 24026	18.75 -1.83 0.00	14.79 -1.39 0.00	18.69 -1.68 0.00	-28.95 1.39 0.00	0.26 -0.01 0.00	3.82 -0.21 0.00	5.22 -0.27 0.00	17.41 -1.38 0.00	16.49 -1.89 5.42	22.34 -2.07 3.20	19.67 -1.71 0.12	16.12 -1.44 0.42	17.71 -1.63 2.47	14.08 -1.15 0.48	11.52 -1.60 7.72	6.63 -1.15 7.14	5.81 -1.21 7.73	13.80 -1.43 3.19	20.54 -1.57 0.00	20.21 -1.13 0.00	21.80 -0.87 0.00	19.27 -0.80 0.00	16.56 -0.83 0.00	14.33 -0.67 0.00
OXY_CHEM_DSASP 323612	18.57 -2.00 0.00	14.66 -1.53 0.00	18.51 -1.86 0.00	-28.66 1.68 0.00	0.26 -0.01 0.00	3.79 -0.24 0.00	5.18 -0.31 0.00	17.28 -1.51 0.00	16.48 -2.09 5.23	22.24 -2.27 3.08	19.49 -1.89 0.11	15.99 -1.59 0.41	17.62 -1.81 2.38	13.98 -1.27 0.46	11.62 -1.78 7.44	6.76 -1.28 6.88	5.95 -1.34 7.46	13.76 -1.59 3.08	20.37 -1.74 0.00	20.05 -1.30 0.00	21.62 -1.06 0.00	19.11 -0.95 0.00	16.43 -0.96 0.00	14.23 -0.77 0.00
OZONE_PARK_ESR 323760	22.26 1.68 0.00	17.87 1.33 -0.36	22.01 1.64 0.00	150.16 -1.95 -182.45	41.94 0.02 -41.65	32.09 0.29 -27.76	34.16 0.38 -28.29	25.44 1.38 -5.25	25.20 1.40 0.00	29.12 1.51 0.00	22.76 1.27 0.00	19.20 1.21 0.00	23.29 1.48 0.00	16.97 1.27 0.00	22.38 1.53 0.00	16.29 1.36 0.00	16.09 1.34 0.00	19.92 1.50 0.00	23.77 1.66 0.00	23.06 1.71 0.00	24.54 1.86 0.00	21.51 1.44 0.00	18.73 1.33 0.00	16.17 1.17 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.57 -2.00 0.00	14.66 -1.53 0.00	18.51 -1.86 0.00	-28.66 1.68 0.00	0.26 -0.01 0.00	3.79 -0.24 0.00	5.18 -0.31 0.00	17.28 -1.51 0.00	16.48 -2.09 5.23	22.24 -2.27 3.08	19.49 -1.89 0.11	15.99 -1.59 0.41	17.62 -1.81 2.38	13.98 -1.27 0.46	11.62 -1.78 7.44	6.76 -1.28 6.88	5.95 -1.34 7.46	13.76 -1.59 3.08	20.37 -1.74 0.00	20.05 -1.30 0.00	21.62 -1.06 0.00	19.11 -0.95 0.00	16.43 -0.96 0.00	14.23 -0.77 0.00
PACKARD___115KV_DUPONT_184 80571	18.57 -2.00 0.00	14.66 -1.53 0.00	18.51 -1.86 0.00	-28.66 1.68 0.00	0.26 -0.01 0.00	3.79 -0.24 0.00	5.18 -0.31 0.00	17.28 -1.51 0.00	16.48 -2.09 5.23	22.24 -2.27 3.08	19.49 -1.89 0.11	15.99 -1.59 0.41	17.62 -1.81 2.38	13.98 -1.27 0.46	11.62 -1.78 7.44	6.76 -1.28 6.88	5.95 -1.34 7.46	13.76 -1.59 3.08	20.37 -1.74 0.00	20.05 -1.30 0.00	21.62 -1.06 0.00	19.11 -0.95 0.00	16.43 -0.96 0.00	14.23 -0.77 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.16 1.58 0.00	17.80 1.26 -0.36	21.77 1.39 0.00	150.18 -1.67 -182.19	41.88 0.02 -41.58	32.01 0.26 -27.73	34.08 0.34 -28.25	25.33 1.28 -5.25	24.94 1.15 0.00	28.86 1.26 0.00	22.56 1.07 0.00	19.03 1.04 0.00	23.06 1.25 0.00	16.82 1.12 0.00	22.16 1.31 0.00	16.14 1.22 0.00	15.93 1.18 0.00	19.74 1.33 0.00	23.55 1.44 0.00	22.84 1.49 0.00	24.31 1.64 0.00	21.31 1.24 0.00	18.56 1.16 0.00	16.01 1.01 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.73 2.15 0.00	18.26 1.72 -0.36	22.42 2.05 0.00	149.26 -2.60 -182.19	41.89 0.02 -41.58	32.14 0.38 -27.73	34.26 0.52 -28.25	25.92 1.88 -5.25	25.58 1.78 0.00	29.63 2.03 0.00	23.17 1.68 0.00	19.53 1.53 0.00	23.66 1.85 0.00	17.25 1.55 0.00	22.74 1.89 0.00	16.56 1.64 0.00	16.33 1.58 0.00	20.25 1.83 0.00	24.20 2.10 0.00	23.49 2.15 0.00	24.96 2.29 0.00	21.85 1.79 0.00	19.03 1.63 0.00	16.41 1.42 0.00
PATROON___115KV_TB1 80586	21.19 0.61 0.00	16.77 0.58 0.00	21.14 0.76 0.00	-31.43 -1.09 0.00	0.28 0.01 0.00	4.18 0.15 0.00	5.66 0.17 0.00	19.28 0.48 0.00	24.14 0.35 0.00	27.88 0.28 0.00	21.73 0.24 0.00	18.24 0.25 0.00	22.19 0.38 0.00	16.07 0.37 0.00	21.25 0.41 0.00	15.38 0.45 0.00	15.20 0.45 0.00	18.90 0.48 0.00	22.60 0.50 0.00	21.86 0.52 0.00	23.24 0.57 0.00	20.45 0.38 0.00	17.79 0.39 0.00	15.34 0.34 0.00
PATTRSNVILLE___SOLAR 323815	21.35 0.77 0.00	16.80 0.62 0.00	21.17 0.79 0.00	-31.47 -1.13 0.00	0.28 0.01 0.00	4.20 0.16 0.00	5.69 0.20 0.00	19.46 0.67 0.00	24.42 0.62 0.00	28.27 0.66 0.00	22.01 0.52 0.00	18.45 0.46 0.00	22.38 0.58 0.00	16.12 0.42 0.00	21.28 0.43 0.00	15.37 0.44 0.00	15.23 0.48 0.00	19.00 0.58 0.00	22.78 0.67 0.00	22.06 0.71 0.00	23.49 0.82 0.00	20.72 0.65 0.00	17.99 0.59 0.00	15.51 0.51 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.36 -1.22 0.00	15.27 -0.92 0.00	19.31 -1.06 0.00	-29.93 0.42 0.00	0.27 0.00 0.00	3.92 -0.11 0.00	5.34 -0.15 0.00	17.90 -0.90 0.00	16.84 -1.30 5.66	22.86 -1.41 3.34	20.17 -1.20 0.12	16.49 -1.03 0.47	18.09 -1.14 2.58	14.40 -0.81 0.50	11.66 -1.14 8.06	6.67 -0.80 7.45	5.76 -0.84 8.15	14.10 -0.99 3.33	21.07 -1.04 0.00	20.70 -0.65 0.00	22.30 -0.37 0.00	19.69 -0.37 0.00	16.94 -0.46 0.00	14.65 -0.35 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.05 1.47 0.00	17.46 1.17 -0.11	21.82 1.45 0.00	29.25 -1.77 -61.36	13.99 0.02 -13.70	13.43 0.26 -9.14	15.14 0.35 -9.31	21.74 1.22 -1.73	25.01 1.21 0.00	28.90 1.30 0.00	22.59 1.10 0.00	19.04 1.05 0.00	23.11 1.31 0.00	16.81 1.11 0.00	22.20 1.36 0.00	16.14 1.22 0.00	15.94 1.19 0.00	19.76 1.34 0.00	23.60 1.49 0.00	22.88 1.53 0.00	24.34 1.67 0.00	21.36 1.29 0.00	18.57 1.17 0.00	16.02 1.02 0.00
PEEKSKILL___ 23653	21.87 1.29 0.00	17.65 1.02 -0.45	21.64 1.26 0.00	425.21 -1.44 -456.99	162.98 0.01 -162.69	112.72 0.22 -108.47	116.30 0.29 -110.52	40.36 1.04 -20.52	24.75 0.96 0.00	28.60 1.00 0.00	22.34 0.84 0.00	18.86 0.86 0.00	22.89 1.08 0.00	16.65 0.94 0.00	21.98 1.13 0.00	15.99 1.06 0.00	15.79 1.04 0.00	19.58 1.15 0.00	23.37 1.26 0.00	22.65 1.31 0.00	24.11 1.44 0.00	21.14 1.08 0.00	18.40 1.00 0.00	15.88 0.88 0.00
PGE MADISON___WINDPWR 24146	21.55 0.98 0.00	17.03 0.84 0.00	21.42 1.05 0.00	-32.42 -2.08 0.00	0.29 0.01 0.00	4.25 0.21 0.00	5.77 0.28 0.00	19.64 0.85 0.00	25.65 0.69 -1.16	28.82 0.53 -0.69	21.87 0.35 -0.03	18.79 0.39 -0.41	22.39 0.05 -0.53	15.64 -0.16 -0.10	22.19 -0.30 -1.65	16.38 -0.08 -1.53	17.58 0.07 -2.75	19.20 0.09 -0.68	22.39 0.29 0.00	21.84 0.50 0.00	23.37 0.70 0.00	20.68 0.62 0.00	17.95 0.55 0.00	15.36 0.37 0.00

PIERCEFIELD___HYD 23852	19.86 -0.72 0.00	15.55 -0.64 0.00	19.56 -0.81 0.00	-29.27 1.08 0.00	0.26 -0.01 0.00	3.88 -0.16 0.00	5.29 -0.19 0.00	18.23 -0.57 0.00	23.64 -0.16 0.00	27.55 -0.05 0.00	21.36 -0.13 0.00	17.77 -0.23 0.00	21.45 -0.36 0.00	15.39 -0.31 0.00	20.45 -0.40 0.00	14.32 -0.61 0.00	14.13 -0.62 0.00	17.83 -0.59 0.00	21.46 -0.65 0.00	20.56 -0.79 0.00	21.65 -1.02 0.00	19.25 -0.81 0.00	16.62 -0.78 0.00	14.33 -0.67 0.00
PINELAWN_CC_1 323563	22.21 1.64 0.00	17.96 1.42 -0.36	22.16 1.79 0.00	149.84 -1.21 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.97 0.36 -28.13	25.30 1.28 -5.22	25.02 1.22 0.00	28.99 1.39 0.00	22.63 1.13 0.00	19.22 1.23 0.00	23.29 1.48 0.00	16.96 1.26 0.00	37.33 1.66 -14.81	21.82 1.45 -5.44	16.52 1.45 -0.32	19.97 1.55 0.00	23.92 1.82 0.00	23.25 1.91 0.00	24.79 2.11 0.00	21.68 1.61 -0.01	21.12 1.51 -2.21	16.44 1.35 -0.09
PJM_GEN_HTP_PROXY 323702	22.08 1.50 0.00	17.74 1.19 -0.36	21.85 1.48 0.00	150.69 -1.71 -182.75	42.00 0.02 -41.71	32.10 0.25 -27.81	34.16 0.33 -28.33	25.28 1.22 -5.26	24.99 1.19 0.00	30.18 1.29 -1.29	21.14 1.08 1.43	19.04 1.05 0.00	23.10 1.29 0.00	16.83 1.12 0.00	22.19 1.34 0.00	16.15 1.23 0.00	15.95 1.20 0.00	20.03 1.34 -0.28	23.56 1.45 0.00	22.84 1.50 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.36 1.03 -0.33
PJM_GEN_KEystone 24065	20.59 0.01 0.00	15.64 0.03 0.57	20.46 0.08 0.00	-88.65 -0.33 57.98	-7.61 0.00 7.88	-1.17 0.05 5.25	0.19 0.05 5.35	17.84 0.03 0.99	22.39 -0.28 1.13	27.86 -0.37 -0.62	19.73 -0.31 1.45	17.61 -0.21 0.17	21.11 -0.18 0.52	15.56 -0.04 0.10	19.12 -0.13 1.61	13.49 0.06 1.49	12.90 0.04 1.90	18.03 0.00 0.39	22.11 0.01 0.00	21.52 0.18 0.00	23.02 0.35 0.00	20.22 0.16 0.00	17.53 0.13 0.00	-8.08 0.16 23.24
PJM_GEN_NEPTUNE_PROXY 323594	22.02 1.44 0.00	17.78 1.24 -0.36	21.92 1.55 0.00	150.06 -0.98 -181.39	41.69 0.02 -41.40	31.88 0.24 -27.60	33.93 0.31 -28.13	25.14 1.12 -5.22	24.83 1.03 0.00	30.08 1.19 -1.29	21.04 0.98 1.43	19.06 1.07 0.00	23.14 1.33 0.00	16.84 1.14 0.00	34.52 1.45 -12.22	20.69 1.28 -4.49	16.30 1.29 -0.26	20.07 1.37 -0.28	23.68 1.58 0.00	23.00 1.65 0.00	24.50 1.82 0.00	21.43 1.36 -0.01	20.53 1.31 -1.83	16.59 1.18 -0.41
PJM_GEN_VFT_PROXY 323633	21.97 1.39 0.00	17.66 1.12 -0.36	21.74 1.37 0.00	150.59 -1.53 -182.45	41.93 0.02 -41.65	32.04 0.24 -27.76	34.09 0.31 -28.29	25.20 1.15 -5.25	24.88 1.09 0.00	30.05 1.15 -1.29	21.03 0.97 1.43	18.98 0.98 0.00	23.00 1.19 0.00	16.77 1.07 0.00	22.10 1.25 0.00	16.10 1.18 0.00	15.90 1.16 0.00	19.97 1.27 -0.28	23.47 1.37 0.00	22.77 1.43 0.00	24.23 1.55 0.00	21.24 1.17 0.00	18.50 1.10 0.00	-317.03 0.97 333.00
PLATSBRG_115KV_PMLD1 355749	20.70 0.12 0.00	16.26 0.07 0.00	20.47 0.10 0.00	-30.45 -0.10 0.00	0.27 0.00 0.00	4.02 -0.02 0.00	5.49 0.00 0.00	18.91 0.12 0.00	24.26 0.46 0.00	28.32 0.72 0.00	21.98 0.49 0.00	18.23 0.23 0.00	22.00 0.19 0.00	15.81 0.11 0.00	20.93 0.08 0.00	14.72 -0.20 0.00	14.46 -0.29 0.00	18.08 -0.34 0.00	21.69 -0.42 0.00	20.90 -0.45 0.00	22.11 -0.57 0.00	19.61 -0.45 0.00	17.00 -0.40 0.00	14.59 -0.41 0.00
PLEASANTVLY___LBMP 24000	21.75 1.17 0.00	17.24 0.94 -0.12	21.56 1.18 0.00	-12.30 -1.39 -19.43	6.38 0.01 -6.09	8.30 0.21 -4.06	9.90 0.27 -4.14	20.52 0.96 -0.77	24.65 0.85 0.00	28.47 0.87 0.00	22.24 0.75 0.00	18.75 0.75 0.00	22.79 0.98 0.00	16.56 0.86 0.00	21.86 1.01 0.00	15.89 0.96 0.00	15.69 0.95 0.00	19.45 1.03 0.00	23.23 1.12 0.00	22.50 1.15 0.00	23.93 1.26 0.00	21.02 0.95 0.00	18.29 0.90 0.00	15.79 0.79 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.99 1.41 0.00	17.62 1.12 -0.30	21.77 1.40 0.00	120.31 -1.61 -152.26	35.13 0.02 -34.84	27.51 0.24 -23.23	29.48 0.32 -23.67	24.33 1.14 -4.40	24.90 1.10 0.00	28.77 1.17 0.00	22.48 0.99 0.00	18.96 0.97 0.00	23.04 1.23 0.00	16.76 1.06 0.00	22.12 1.28 0.00	16.09 1.16 0.00	15.89 1.14 0.00	19.68 1.26 0.00	23.48 1.38 0.00	22.76 1.41 0.00	24.22 1.55 0.00	21.25 1.19 0.00	18.50 1.10 0.00	15.97 0.97 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.99 1.41 0.00	17.62 1.12 -0.30	21.77 1.40 0.00	120.31 -1.61 -152.26	35.13 0.02 -34.84	27.51 0.24 -23.23	29.48 0.32 -23.67	24.33 1.14 -4.40	24.90 1.10 0.00	28.77 1.17 0.00	22.48 0.99 0.00	18.96 0.97 0.00	23.04 1.23 0.00	16.76 1.06 0.00	22.12 1.28 0.00	16.09 1.16 0.00	15.89 1.14 0.00	19.68 1.26 0.00	23.48 1.38 0.00	22.76 1.41 0.00	24.22 1.55 0.00	21.25 1.19 0.00	18.50 1.10 0.00	15.97 0.97 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.95 1.37 0.00	17.27 1.08 0.00	21.73 1.35 0.00	-24.91 -1.67 -7.10	0.29 0.02 0.00	4.28 0.25 0.00	5.82 0.33 0.00	19.94 1.15 0.00	24.91 1.11 0.00	28.78 1.17 0.00	22.47 0.98 0.00	18.95 0.95 0.00	23.01 1.20 0.00	16.72 1.02 0.00	22.09 1.24 0.00	16.05 1.13 0.00	15.85 1.10 0.00	19.67 1.25 0.00	23.50 1.39 0.00	22.76 1.41 0.00	24.23 1.55 0.00	21.26 1.19 0.00	18.48 1.09 0.00	15.94 0.94 0.00
POLETTI_____ 23519	22.08 1.50 0.00	17.74 1.20 -0.36	21.83 1.46 0.00	150.45 -1.66 -182.46	41.93 0.02 -41.65	32.06 0.25 -27.76	34.11 0.33 -28.29	25.27 1.22 -5.25	25.00 1.20 0.00	28.87 1.27 0.00	22.57 1.08 0.00	19.03 1.04 0.00	23.08 1.27 0.00	16.81 1.11 0.00	22.17 1.32 0.00	16.14 1.22 0.00	15.94 1.19 0.00	19.73 1.31 0.00	23.51 1.41 0.00	22.80 1.46 0.00	24.27 1.60 0.00	21.27 1.21 0.00	18.53 1.13 0.00	16.01 1.01 0.00
POMONA___ESR 323819	21.79 1.21 0.00	16.71 0.94 0.41	21.52 1.15 0.00	-106.51 -1.33 74.84	-22.37 0.01 22.66	-10.86 0.21 15.11	-9.63 0.28 15.39	16.91 0.97 2.86	24.64 0.84 0.00	28.48 0.88 0.00	22.22 0.73 0.00	18.78 0.79 0.00	22.79 0.98 0.00	16.55 0.85 0.00	21.87 1.02 0.00	15.91 0.98 0.00	15.71 0.96 0.00	19.50 1.08 0.00	23.29 1.19 0.00	22.58 1.23 0.00	24.06 1.38 0.00	21.08 1.01 0.00	18.32 0.92 0.00	15.81 0.81 0.00
PORT_JEFF_3 23555	22.21 1.63 0.00	18.04 1.49 -0.36	22.29 1.91 0.00	149.94 -1.10 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.97 0.36 -28.13	25.34 1.32 -5.22	25.02 1.22 0.00	29.08 1.48 0.00	22.63 1.14 0.00	19.28 1.29 0.00	23.37 1.56 0.00	17.01 1.30 0.00	35.68 1.71 -13.12	21.24 1.49 -4.82	16.52 1.49 -0.28	20.03 1.61 0.00	24.00 1.89 0.00	23.32 1.98 0.00	24.87 2.20 0.00	21.73 1.66 -0.01	20.92 1.57 -1.96	16.48 1.40 -0.08
PORT_JEFF_4 23616	22.21 1.63 0.00	18.04 1.49 -0.36	22.29 1.91 0.00	149.94 -1.10 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.97 0.36 -28.13	25.34 1.32 -5.22	25.02 1.22 0.00	29.08 1.48 0.00	22.63 1.14 0.00	19.28 1.29 0.00	23.37 1.56 0.00	17.01 1.30 0.00	35.68 1.71 -13.12	21.24 1.49 -4.82	16.52 1.49 -0.28	20.03 1.61 0.00	24.00 1.89 0.00	23.32 1.98 0.00	24.87 2.20 0.00	21.73 1.66 -0.01	20.92 1.57 -1.96	16.48 1.40 -0.08

PORT_JEFF_IC 23713	22.23 1.66 0.00	18.05 1.51 -0.36	22.32 1.95 0.00	149.93 -1.12 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.98 0.37 -28.13	25.36 1.34 -5.22	25.06 1.26 0.00	29.11 1.51 0.00	22.67 1.18 0.00	19.32 1.32 0.00	23.39 1.58 0.00	17.01 1.31 0.00	35.76 1.72 -13.19	21.28 1.51 -4.84	16.54 1.51 -0.28	20.05 1.63 0.00	24.02 1.91 0.00	23.35 2.01 0.00	24.91 2.24 0.00	21.76 1.69 -0.01	20.95 1.59 -1.97	16.49 1.41 -0.08
PPL PILGRIM_ST_GT1 24216	22.32 1.74 0.00	18.09 1.55 -0.36	22.33 1.96 0.00	149.71 -1.34 -181.39	41.70 0.02 -41.40	31.94 0.30 -27.60	34.00 0.39 -28.13	25.41 1.39 -5.22	25.13 1.34 0.00	29.18 1.58 0.00	22.76 1.26 0.00	19.35 1.35 0.00	23.43 1.62 0.00	17.06 1.36 0.00	36.06 1.78 -13.43	21.39 1.54 -4.94	16.58 1.54 -0.29	20.06 1.64 0.00	24.06 1.96 0.00	23.39 2.04 0.00	24.95 2.28 0.00	21.80 1.72 -0.01	21.03 1.63 -2.01	16.54 1.46 -0.08
PPL PILGRIM_ST_GT2 24217	22.32 1.74 0.00	18.09 1.55 -0.36	22.33 1.96 0.00	149.71 -1.34 -181.39	41.70 0.02 -41.40	31.94 0.30 -27.60	34.00 0.39 -28.13	25.41 1.39 -5.22	25.13 1.34 0.00	29.18 1.58 0.00	22.76 1.26 0.00	19.35 1.35 0.00	23.43 1.62 0.00	17.06 1.36 0.00	36.06 1.78 -13.43	21.39 1.54 -4.94	16.58 1.54 -0.29	20.06 1.64 0.00	24.06 1.96 0.00	23.39 2.04 0.00	24.95 2.28 0.00	21.80 1.72 -0.01	21.03 1.63 -2.01	16.54 1.46 -0.08
PPL_SHRM_GT3 24213	22.09 1.51 0.00	18.04 1.50 -0.36	22.37 2.00 0.00	149.90 -1.14 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.97 0.35 -28.13	25.34 1.32 -5.22	24.94 1.14 0.00	29.04 1.44 0.00	22.48 0.99 0.00	19.24 1.24 0.00	23.41 1.60 0.00	17.04 1.34 0.00	35.72 1.72 -13.15	21.29 1.53 -4.83	16.55 1.52 -0.28	20.08 1.66 0.00	24.06 1.96 0.00	23.41 2.06 0.00	24.96 2.29 0.00	21.81 1.73 -0.01	20.99 1.63 -1.96	16.51 1.43 -0.08
PPL_SHRM_GT4 24214	22.09 1.51 0.00	18.04 1.50 -0.36	22.37 2.00 0.00	149.90 -1.14 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.97 0.35 -28.13	25.34 1.32 -5.22	24.94 1.14 0.00	29.04 1.44 0.00	22.48 0.99 0.00	19.24 1.24 0.00	23.41 1.60 0.00	17.04 1.34 0.00	35.72 1.72 -13.15	21.29 1.53 -4.83	16.55 1.52 -0.28	20.08 1.66 0.00	24.06 1.96 0.00	23.41 2.06 0.00	24.96 2.29 0.00	21.81 1.73 -0.01	20.99 1.63 -1.96	16.51 1.43 -0.08
PROJECT___ORANGE 1 24174	20.37 -0.20 0.00	16.04 -0.14 0.00	20.22 -0.14 0.00	-30.32 0.03 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.47 -0.02 0.00	18.63 -0.17 0.00	23.39 -0.41 0.00	27.08 -0.52 0.00	21.12 -0.37 0.00	17.71 -0.29 0.00	21.51 -0.30 0.00	15.52 -0.18 0.00	20.56 -0.29 0.00	14.80 -0.12 0.00	14.63 -0.12 0.00	18.25 -0.17 0.00	21.88 -0.23 0.00	21.22 -0.12 0.00	22.62 -0.06 0.00	19.96 -0.10 0.00	17.28 -0.12 0.00	14.90 -0.10 0.00
PROJECT___ORANGE 2 24166	20.37 -0.20 0.00	16.04 -0.14 0.00	20.22 -0.14 0.00	-30.32 0.03 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.47 -0.02 0.00	18.63 -0.17 0.00	23.39 -0.41 0.00	27.08 -0.52 0.00	21.12 -0.37 0.00	17.71 -0.29 0.00	21.51 -0.30 0.00	15.52 -0.18 0.00	20.56 -0.29 0.00	14.80 -0.12 0.00	14.63 -0.12 0.00	18.25 -0.17 0.00	21.88 -0.23 0.00	21.22 -0.12 0.00	22.62 -0.06 0.00	19.96 -0.10 0.00	17.28 -0.12 0.00	14.90 -0.10 0.00
PUCKETT___SOLAR 323809	20.72 0.14 0.00	16.31 0.13 0.00	20.59 0.22 0.00	-31.00 -0.66 0.00	0.27 0.00 0.00	4.09 0.06 0.00	5.55 0.06 0.00	18.87 0.08 0.00	23.61 -0.18 0.00	27.25 -0.35 0.00	21.19 -0.30 0.00	17.76 -0.24 0.00	21.50 -0.31 0.00	15.49 -0.21 0.00	20.53 -0.32 0.00	14.80 -0.13 0.00	14.66 -0.09 0.00	18.30 -0.12 0.00	21.97 -0.13 0.00	21.37 0.02 0.00	22.86 0.19 0.00	20.17 0.10 0.00	17.48 0.08 0.00	15.06 0.06 0.00
PYRITES___HYD 24023	20.33 -0.25 0.00	15.92 -0.27 0.00	20.02 -0.35 0.00	-29.93 0.42 0.00	0.27 0.00 0.00	3.96 -0.07 0.00	5.42 -0.07 0.00	18.65 -0.15 0.00	24.20 0.40 0.00	28.24 0.63 0.00	21.88 0.38 0.00	18.19 0.19 0.00	21.97 0.16 0.00	15.76 0.06 0.00	20.94 0.09 0.00	14.67 -0.25 0.00	14.50 -0.25 0.00	18.29 -0.13 0.00	22.05 -0.06 0.00	21.11 -0.23 0.00	22.26 -0.41 0.00	19.83 -0.24 0.00	17.07 -0.33 0.00	14.71 -0.29 0.00
QUAKERRD_115KV_BK1 80622	19.38 -1.20 0.00	15.27 -0.92 0.00	19.25 -1.12 0.00	-29.19 1.15 0.00	0.26 -0.01 0.00	3.87 -0.17 0.00	5.27 -0.22 0.00	17.83 -0.97 0.00	22.41 -1.39 0.00	26.05 -1.55 0.00	20.25 -1.24 0.00	16.83 -1.06 0.12	20.60 -1.21 0.00	14.88 -0.83 0.00	19.66 -1.19 0.00	14.10 -0.82 0.00	13.50 -0.84 0.41	17.42 -1.00 0.00	20.99 -1.12 0.00	20.48 -0.87 0.00	21.93 -0.75 0.00	19.37 -0.70 0.00	16.70 -0.69 0.00	14.40 -0.59 0.00
QUENSBRY_115KV_TB8 356137	22.03 1.46 0.00	17.35 1.17 0.00	21.90 1.53 0.00	-32.55 -2.21 0.00	0.29 0.02 0.00	4.33 0.29 0.00	5.87 0.38 0.00	20.15 1.36 0.00	25.22 1.42 0.00	29.15 1.55 0.00	22.57 1.08 0.00	18.97 0.97 0.00	23.16 1.35 0.00	16.70 1.00 0.00	22.05 1.20 0.00	15.94 1.02 0.00	15.77 1.02 0.00	19.59 1.17 0.00	23.44 1.33 0.00	22.68 1.33 0.00	24.08 1.41 0.00	21.26 1.19 0.00	18.45 1.05 0.00	15.91 0.91 0.00
RAMAPO___LBMP 323565	21.72 1.14 0.00	16.65 0.88 0.42	21.45 1.08 0.00	-108.75 -1.24 77.17	-23.06 0.01 23.35	-11.33 0.20 15.56	-10.11 0.26 15.86	16.76 0.91 2.95	24.57 0.77 0.00	28.39 0.79 0.00	22.16 0.66 0.00	18.72 0.72 0.00	22.72 0.91 0.00	16.50 0.80 0.00	21.80 0.95 0.00	15.85 0.93 0.00	15.66 0.91 0.00	19.43 1.01 0.00	23.21 1.11 0.00	22.50 1.16 0.00	23.97 1.29 0.00	21.00 0.94 0.00	18.26 0.86 0.00	15.77 0.77 0.00
RANKINE____ 23646	19.14 -1.44 0.00	15.10 -1.08 0.00	19.11 -1.26 0.00	-29.64 0.70 0.00	0.26 -0.01 0.00	3.88 -0.15 0.00	5.29 -0.20 0.00	17.71 -1.09 0.00	15.67 -1.56 6.56	22.04 -1.69 3.87	19.95 -1.40 0.14	16.28 -1.21 0.50	17.49 -1.33 2.99	14.17 -0.96 0.57	10.15 -1.35 9.35	5.33 -0.95 8.64	4.46 -0.99 9.30	13.38 -1.18 3.86	20.87 -1.24 0.00	20.51 -0.83 0.00	22.12 -0.55 0.00	19.55 -0.52 0.00	16.81 -0.59 0.00	14.53 -0.47 0.00
RAVENSWOOD_GT2_1 24244	22.08 1.50 0.00	17.74 1.20 -0.36	21.85 1.48 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.33 -28.25	25.27 1.23 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.57 1.08 0.00	19.05 1.06 0.00	23.11 1.30 0.00	16.83 1.13 0.00	22.20 1.35 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.46 0.00	22.85 1.51 0.00	24.32 1.64 0.00	21.32 1.25 0.00	18.57 1.17 0.00	16.03 1.03 0.00
RAVENSWOOD_GT2_2 24245	22.08 1.50 0.00	17.74 1.20 -0.36	21.85 1.48 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.33 -28.25	25.27 1.23 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.57 1.08 0.00	19.05 1.06 0.00	23.11 1.30 0.00	16.83 1.13 0.00	22.20 1.35 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.46 0.00	22.85 1.51 0.00	24.32 1.64 0.00	21.32 1.25 0.00	18.57 1.17 0.00	16.03 1.03 0.00

RAVENSWOOD_GT2_3 24246	22.08 1.50 0.00	17.74 1.20 -0.36	21.85 1.48 0.00	150.15 -1.71 -182.19	41.88 0.02 -41.58	32.02 0.26 -27.73	34.08 0.34 -28.25	25.28 1.23 -5.25	25.00 1.20 0.00	28.89 1.29 0.00	22.57 1.08 0.00	19.05 1.06 0.00	23.12 1.31 0.00	16.84 1.14 0.00	22.21 1.36 0.00	16.16 1.24 0.00	15.96 1.21 0.00	19.77 1.35 0.00	23.58 1.47 0.00	22.86 1.51 0.00	24.33 1.66 0.00	21.33 1.26 0.00	18.57 1.18 0.00	16.04 1.04 0.00
RAVENSWOOD_GT2_4 24247	22.08 1.50 0.00	17.74 1.20 -0.36	21.85 1.48 0.00	150.15 -1.71 -182.19	41.88 0.02 -41.58	32.02 0.26 -27.73	34.08 0.34 -28.25	25.28 1.23 -5.25	25.00 1.20 0.00	28.89 1.29 0.00	22.57 1.08 0.00	19.05 1.06 0.00	23.12 1.31 0.00	16.84 1.14 0.00	22.21 1.36 0.00	16.16 1.24 0.00	15.96 1.21 0.00	19.77 1.35 0.00	23.58 1.47 0.00	22.86 1.51 0.00	24.33 1.66 0.00	21.33 1.26 0.00	18.57 1.18 0.00	16.04 1.04 0.00
RAVENSWOOD_GT3_1 24248	22.08 1.50 0.00	17.74 1.20 -0.36	21.85 1.48 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.33 -28.25	25.27 1.23 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.57 1.08 0.00	19.05 1.06 0.00	23.11 1.30 0.00	16.83 1.13 0.00	22.20 1.35 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.46 0.00	22.86 1.51 0.00	24.32 1.64 0.00	21.32 1.25 0.00	18.57 1.17 0.00	16.03 1.03 0.00
RAVENSWOOD_GT3_2 24249	22.08 1.50 0.00	17.74 1.20 -0.36	21.85 1.48 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.33 -28.25	25.27 1.23 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.57 1.08 0.00	19.05 1.06 0.00	23.11 1.30 0.00	16.83 1.13 0.00	22.20 1.35 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.46 0.00	22.86 1.51 0.00	24.32 1.64 0.00	21.32 1.25 0.00	18.57 1.17 0.00	16.03 1.03 0.00
RAVENSWOOD_GT3_3 24250	22.10 1.52 0.00	17.75 1.21 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.02 0.26 -27.73	34.08 0.34 -28.25	25.29 1.25 -5.25	25.02 1.23 0.00	28.92 1.32 0.00	22.59 1.10 0.00	19.07 1.08 0.00	23.14 1.33 0.00	16.86 1.15 0.00	22.23 1.38 0.00	16.18 1.26 0.00	15.98 1.23 0.00	19.79 1.37 0.00	23.60 1.49 0.00	22.88 1.54 0.00	24.36 1.68 0.00	21.35 1.28 0.00	18.59 1.19 0.00	16.05 1.05 0.00
RAVENSWOOD_GT3_4 24251	22.10 1.52 0.00	17.75 1.21 -0.36	21.87 1.50 0.00	150.11 -1.74 -182.19	41.88 0.02 -41.58	32.02 0.26 -27.73	34.08 0.34 -28.25	25.29 1.25 -5.25	25.02 1.23 0.00	28.92 1.32 0.00	22.59 1.10 0.00	19.07 1.08 0.00	23.14 1.33 0.00	16.86 1.15 0.00	22.23 1.38 0.00	16.18 1.26 0.00	15.98 1.23 0.00	19.79 1.37 0.00	23.60 1.49 0.00	22.88 1.54 0.00	24.36 1.68 0.00	21.35 1.28 0.00	18.59 1.19 0.00	16.05 1.05 0.00
RAVENSWOOD_GT_1 23729	22.14 1.57 0.00	17.79 1.25 -0.36	21.85 1.49 0.00	150.13 -1.72 -182.19	41.88 0.02 -41.58	32.02 0.26 -27.73	34.08 0.34 -28.25	25.32 1.28 -5.25	25.01 1.22 0.00	28.91 1.31 0.00	22.61 1.12 0.00	19.09 1.09 0.00	23.14 1.34 0.00	16.87 1.17 0.00	22.24 1.39 0.00	16.19 1.27 0.00	15.99 1.24 0.00	19.79 1.37 0.00	23.60 1.50 0.00	22.89 1.55 0.00	24.36 1.68 0.00	21.35 1.28 0.00	18.60 1.20 0.00	16.07 1.07 0.00
RAVENSWOOD_GT_10 24258	22.08 1.50 0.00	17.74 1.19 -0.36	21.85 1.48 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.33 -28.25	25.27 1.22 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.57 1.08 0.00	19.05 1.05 0.00	23.11 1.30 0.00	16.83 1.13 0.00	22.20 1.35 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.46 0.00	22.85 1.51 0.00	24.32 1.64 0.00	21.32 1.25 0.00	18.57 1.17 0.00	16.03 1.03 0.00
RAVENSWOOD_GT_11 24259	22.08 1.50 0.00	17.74 1.19 -0.36	21.85 1.48 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.33 -28.25	25.27 1.22 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.57 1.08 0.00	19.05 1.05 0.00	23.11 1.30 0.00	16.83 1.13 0.00	22.20 1.35 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.46 0.00	22.85 1.51 0.00	24.32 1.64 0.00	21.32 1.25 0.00	18.57 1.17 0.00	16.03 1.03 0.00
RAVENSWOOD_GT_4 24252	22.06 1.49 0.00	17.73 1.18 -0.36	21.85 1.48 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.33 -28.25	25.26 1.22 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.04 1.05 0.00	23.10 1.30 0.00	16.83 1.12 0.00	22.19 1.34 0.00	16.15 1.23 0.00	15.95 1.20 0.00	19.75 1.34 0.00	23.56 1.46 0.00	22.85 1.50 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
RAVENSWOOD_GT_5 24254	22.06 1.49 0.00	17.73 1.18 -0.36	21.85 1.48 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.33 -28.25	25.26 1.22 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.04 1.05 0.00	23.10 1.30 0.00	16.83 1.12 0.00	22.19 1.34 0.00	16.15 1.23 0.00	15.95 1.20 0.00	19.75 1.34 0.00	23.56 1.46 0.00	22.85 1.50 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
RAVENSWOOD_GT_6 24253	22.06 1.49 0.00	17.73 1.18 -0.36	21.85 1.48 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.33 -28.25	25.26 1.22 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.04 1.05 0.00	23.10 1.30 0.00	16.83 1.12 0.00	22.19 1.34 0.00	16.15 1.23 0.00	15.95 1.20 0.00	19.75 1.34 0.00	23.56 1.46 0.00	22.85 1.50 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
RAVENSWOOD_GT_7 24255	22.06 1.49 0.00	17.73 1.18 -0.36	21.85 1.48 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.33 -28.25	25.26 1.22 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.56 1.07 0.00	19.04 1.05 0.00	23.10 1.30 0.00	16.83 1.12 0.00	22.19 1.34 0.00	16.15 1.23 0.00	15.95 1.20 0.00	19.75 1.34 0.00	23.56 1.46 0.00	22.85 1.50 0.00	24.31 1.64 0.00	21.31 1.25 0.00	18.56 1.16 0.00	16.03 1.03 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.08 1.50 0.00	17.74 1.19 -0.36	21.85 1.48 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.33 -28.25	25.27 1.22 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.57 1.08 0.00	19.05 1.05 0.00	23.11 1.30 0.00	16.83 1.13 0.00	22.20 1.35 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.46 0.00	22.85 1.51 0.00	24.32 1.64 0.00	21.32 1.25 0.00	18.57 1.17 0.00	16.03 1.03 0.00
RAVENSWOOD_GT_9 24257	22.08 1.50 0.00	17.74 1.19 -0.36	21.85 1.48 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.33 -28.25	25.27 1.22 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.57 1.08 0.00	19.05 1.05 0.00	23.11 1.30 0.00	16.83 1.13 0.00	22.20 1.35 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.56 1.46 0.00	22.85 1.51 0.00	24.32 1.64 0.00	21.32 1.25 0.00	18.57 1.17 0.00	16.03 1.03 0.00

RAVENSWOOD___1 23533	22.12 1.54 0.00	17.77 1.23 -0.36	21.84 1.47 0.00	150.17 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.34 -28.25	25.30 1.26 -5.25	24.98 1.18 0.00	28.89 1.29 0.00	22.59 1.10 0.00	19.07 1.08 0.00	23.12 1.32 0.00	16.86 1.15 0.00	22.22 1.37 0.00	16.18 1.26 0.00	15.98 1.23 0.00	19.77 1.36 0.00	23.59 1.48 0.00	22.87 1.53 0.00	24.34 1.67 0.00	21.33 1.26 0.00	18.58 1.19 0.00	16.05 1.05 0.00
RAVENSWOOD___2 23534	22.12 1.54 0.00	17.77 1.23 -0.36	21.84 1.47 0.00	150.17 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.34 -28.25	25.30 1.26 -5.25	24.98 1.18 0.00	28.89 1.29 0.00	22.59 1.10 0.00	19.07 1.08 0.00	23.12 1.32 0.00	16.86 1.15 0.00	22.22 1.37 0.00	16.18 1.26 0.00	15.98 1.23 0.00	19.77 1.36 0.00	23.59 1.48 0.00	22.87 1.53 0.00	24.34 1.67 0.00	21.33 1.26 0.00	18.58 1.19 0.00	16.05 1.05 0.00
RAVENSWOOD___3 23535	22.08 1.50 0.00	17.74 1.20 -0.36	21.85 1.48 0.00	150.14 -1.71 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.33 -28.25	25.27 1.23 -5.25	24.99 1.19 0.00	28.87 1.27 0.00	22.57 1.08 0.00	19.05 1.05 0.00	23.11 1.30 0.00	16.83 1.13 0.00	22.19 1.34 0.00	16.16 1.23 0.00	15.96 1.21 0.00	19.76 1.34 0.00	23.57 1.46 0.00	22.86 1.51 0.00	24.32 1.65 0.00	21.32 1.25 0.00	18.57 1.17 0.00	16.03 1.04 0.00
RAVENSWOOD___4 23820	22.12 1.54 0.00	17.77 1.23 -0.36	21.84 1.47 0.00	150.17 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.34 -28.25	25.30 1.26 -5.25	24.98 1.18 0.00	28.89 1.29 0.00	22.59 1.10 0.00	19.07 1.08 0.00	23.12 1.32 0.00	16.86 1.15 0.00	22.22 1.37 0.00	16.18 1.26 0.00	15.98 1.23 0.00	19.77 1.36 0.00	23.59 1.48 0.00	22.87 1.53 0.00	24.34 1.67 0.00	21.33 1.26 0.00	18.58 1.19 0.00	16.05 1.05 0.00
RCPL_TRUST___DRP 24196	22.09 1.51 0.00	17.75 1.20 -0.36	21.86 1.49 0.00	150.68 -1.72 -182.75	42.00 0.02 -41.71	32.10 0.26 -27.81	34.16 0.34 -28.33	25.29 1.24 -5.26	25.02 1.22 0.00	28.90 1.30 0.00	22.59 1.10 0.00	19.06 1.07 0.00	23.12 1.32 0.00	16.84 1.14 0.00	22.21 1.36 0.00	16.17 1.24 0.00	15.97 1.22 0.00	19.77 1.35 0.00	23.58 1.47 0.00	22.87 1.52 0.00	24.33 1.66 0.00	21.33 1.27 0.00	18.57 1.18 0.00	16.04 1.04 0.00
RED___ROCHESTER 323720	19.77 -0.81 0.00	15.57 -0.62 0.00	19.63 -0.74 0.00	-29.92 0.42 0.00	0.27 0.00 0.00	3.95 -0.08 0.00	5.39 -0.10 0.00	18.20 -0.60 0.00	22.91 -0.89 0.00	26.64 -0.96 0.00	20.68 -0.81 0.00	17.18 -0.69 0.13	21.05 -0.76 0.00	15.19 -0.51 0.00	20.10 -0.75 0.00	14.40 -0.53 0.00	13.74 -0.55 0.45	17.81 -0.61 0.00	21.48 -0.63 0.00	20.99 -0.36 0.00	22.49 -0.18 0.00	19.86 -0.20 0.00	17.11 -0.29 0.00	14.76 -0.24 0.00
REGAN___SOLAR 323812	21.67 1.10 0.00	17.03 0.84 0.00	21.45 1.08 0.00	-31.88 -1.54 0.00	0.29 0.02 0.00	4.26 0.23 0.00	5.78 0.29 0.00	19.81 1.01 0.00	24.90 1.10 0.00	28.91 1.31 0.00	22.48 0.99 0.00	18.77 0.77 0.00	22.65 0.84 0.00	16.23 0.53 0.00	21.43 0.59 0.00	15.42 0.50 0.00	15.36 0.61 0.00	19.25 0.84 0.00	23.12 1.02 0.00	22.43 1.09 0.00	23.96 1.28 0.00	21.16 1.09 0.00	18.33 0.93 0.00	15.78 0.78 0.00
RENSSELAER___COGEN 23796	21.10 0.52 0.00	16.71 0.52 0.00	21.05 0.68 0.00	-31.30 -0.96 0.00	0.28 0.01 0.00	4.16 0.13 0.00	5.63 0.15 0.00	19.20 0.40 0.00	24.03 0.23 0.00	27.74 0.14 0.00	21.62 0.13 0.00	18.15 0.15 0.00	22.07 0.26 0.00	15.99 0.29 0.00	21.15 0.30 0.00	15.30 0.38 0.00	15.14 0.38 0.00	18.81 0.39 0.00	22.50 0.39 0.00	21.77 0.42 0.00	23.14 0.46 0.00	20.36 0.30 0.00	17.71 0.31 0.00	15.28 0.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.42 2.84 0.00	18.47 2.29 0.00	23.17 2.80 0.00	-34.45 -4.10 0.00	0.31 0.04 0.00	4.54 0.51 0.00	6.12 0.63 0.00	21.20 2.41 0.00	26.38 2.58 0.00	30.36 2.76 0.00	23.52 2.03 0.00	19.79 1.79 0.00	24.74 2.93 0.00	17.90 2.20 0.00	23.43 2.58 0.00	16.85 1.92 0.00	16.63 1.88 0.00	20.48 2.06 0.00	24.38 2.27 0.00	23.63 2.28 0.00	24.96 2.29 0.00	21.74 1.68 0.00	18.81 1.42 0.00	16.10 1.11 0.00
REVERE_CPPR_DRP 24186	21.09 0.51 0.00	16.56 0.37 0.00	20.85 0.48 0.00	-31.41 -1.06 0.00	0.28 0.01 0.00	4.17 0.14 0.00	5.67 0.17 0.00	19.33 0.54 0.00	24.34 0.55 0.00	28.16 0.56 0.00	21.90 0.41 0.00	18.30 0.30 0.00	22.25 0.44 0.00	16.07 0.37 0.00	21.24 0.39 0.00	15.24 0.32 0.00	15.12 0.36 0.00	18.96 0.54 0.00	22.71 0.60 0.00	21.96 0.61 0.00	23.33 0.66 0.00	20.55 0.49 0.00	17.77 0.38 0.00	15.35 0.35 0.00
REYNLDPA_13_KV_LD 356490	20.44 -0.14 0.00	16.04 -0.15 0.00	20.18 -0.19 0.00	-30.06 0.28 0.00	0.27 0.00 0.00	3.98 -0.05 0.00	5.44 -0.05 0.00	18.68 -0.11 0.00	24.05 0.25 0.00	28.03 0.43 0.00	21.78 0.29 0.00	18.12 0.12 0.00	21.90 0.09 0.00	15.73 0.02 0.00	20.91 0.06 0.00	14.77 -0.16 0.00	14.57 -0.18 0.00	18.31 -0.11 0.00	22.06 -0.04 0.00	21.19 -0.16 0.00	22.35 -0.32 0.00	19.87 -0.19 0.00	17.18 -0.22 0.00	14.80 -0.20 0.00
REYNOLDS_115KV_TB3 80639	21.23 0.65 0.00	16.84 0.60 -0.06	21.16 0.79 0.00	-31.43 -1.09 0.00	0.28 0.01 0.00	4.18 0.15 0.00	5.67 0.18 0.00	19.32 0.53 0.00	24.18 0.38 0.00	27.90 0.30 0.00	21.72 0.23 0.00	18.24 0.25 0.00	22.21 0.40 0.00	16.10 0.40 0.00	21.28 0.43 0.00	15.40 0.48 0.00	15.23 0.48 0.00	18.93 0.51 0.00	22.63 0.52 0.00	21.89 0.55 0.00	23.27 0.59 0.00	20.47 0.41 0.00	17.82 0.42 0.00	15.37 0.37 0.00
RIVERBAY____ 323610	22.73 2.15 0.00	18.26 1.72 -0.36	22.42 2.05 0.00	149.26 -2.60 -182.19	41.89 0.02 -41.58	32.14 0.38 -27.73	34.26 0.52 -28.25	25.92 1.88 -5.25	25.58 1.78 0.00	29.63 2.03 0.00	23.17 1.68 0.00	19.53 1.53 0.00	23.66 1.85 0.00	17.25 1.55 0.00	22.74 1.89 0.00	16.56 1.64 0.00	16.33 1.58 0.00	20.25 1.83 0.00	24.20 2.10 0.00	23.49 2.15 0.00	24.96 2.29 0.00	21.85 1.79 0.00	19.03 1.63 0.00	16.41 1.42 0.00
RIVERSDE_115KV_TB3 55908	21.17 0.59 0.00	16.76 0.57 0.00	21.12 0.75 0.00	-31.39 -1.05 0.00	0.28 0.01 0.00	4.18 0.14 0.00	5.65 0.17 0.00	19.27 0.47 0.00	24.12 0.32 0.00	27.84 0.24 0.00	21.69 0.19 0.00	18.21 0.21 0.00	22.16 0.35 0.00	16.06 0.36 0.00	21.23 0.38 0.00	15.36 0.44 0.00	15.19 0.44 0.00	18.88 0.46 0.00	22.58 0.47 0.00	21.83 0.49 0.00	23.21 0.54 0.00	20.42 0.36 0.00	17.77 0.37 0.00	15.33 0.33 0.00
ROARING___BROOK_WT_PWR 323790	20.35 -0.23 0.00	16.00 -0.18 0.00	20.17 -0.20 0.00	-30.36 -0.02 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.48 -0.01 0.00	18.74 -0.06 0.00	23.71 -0.09 0.00	27.44 -0.16 0.00	21.28 -0.22 0.00	17.75 -0.25 0.00	21.52 -0.29 0.00	15.51 -0.19 0.00	20.55 -0.30 0.00	14.65 -0.27 0.00	14.45 -0.29 0.00	18.18 -0.24 0.00	21.79 -0.31 0.00	21.04 -0.30 0.00	22.28 -0.39 0.00	19.67 -0.40 0.00	17.06 -0.34 0.00	14.78 -0.22 0.00

ROCHESRG_115KV_T4 355643	19.57 -1.01 0.00	15.42 -0.76 0.00	19.46 -0.91 0.00	-29.61 0.73 0.00	0.27 -0.01 0.00	3.92 -0.12 0.00	5.34 -0.15 0.00	18.03 -0.76 0.00	22.67 -1.13 0.00	26.36 -1.24 0.00	20.47 -1.02 0.00	17.00 -0.87 0.13	20.83 -0.98 0.00	15.03 -0.67 0.00	19.88 -0.97 0.00	14.25 -0.68 0.00	13.60 -0.70 0.45	17.61 -0.81 0.00	21.23 -0.87 0.00	20.75 -0.59 0.00	22.24 -0.43 0.00	19.65 -0.42 0.00	16.93 -0.46 0.00	14.62 -0.38 0.00
ROCHESTER_9_IC 23652	19.67 -0.90 0.00	15.50 -0.69 0.00	19.55 -0.82 0.00	-29.75 0.60 0.00	0.27 0.00 0.00	3.93 -0.10 0.00	5.36 -0.12 0.00	18.12 -0.67 0.00	22.79 -1.01 0.00	26.51 -1.09 0.00	20.58 -0.91 0.00	17.09 -0.77 0.13	20.94 -0.87 0.00	15.12 -0.59 0.00	19.99 -0.86 0.00	14.32 -0.60 0.00	13.66 -0.63 0.45	17.70 -0.71 0.00	21.36 -0.75 0.00	20.87 -0.47 0.00	22.37 -0.30 0.00	19.76 -0.30 0.00	17.03 -0.37 0.00	14.69 -0.31 0.00
ROCKVIEW_13_KV_LD 356306	22.06 1.48 0.00	17.72 1.18 -0.36	21.82 1.45 0.00	150.33 -1.66 -182.34	41.91 0.02 -41.62	32.03 0.25 -27.75	34.09 0.33 -28.27	25.23 1.18 -5.25	24.96 1.16 0.00	28.85 1.25 0.00	22.55 1.06 0.00	19.03 1.04 0.00	23.10 1.30 0.00	16.82 1.12 0.00	22.20 1.35 0.00	16.15 1.23 0.00	15.95 1.20 0.00	19.74 1.32 0.00	23.55 1.45 0.00	22.83 1.49 0.00	24.29 1.62 0.00	21.31 1.24 0.00	18.55 1.15 0.00	16.01 1.01 0.00
ROME____115KV_TB2 80656	21.09 0.51 0.00	16.56 0.37 0.00	20.85 0.48 0.00	-31.41 -1.06 0.00	0.28 0.01 0.00	4.17 0.14 0.00	5.67 0.17 0.00	19.33 0.54 0.00	24.34 0.55 0.00	28.16 0.56 0.00	21.90 0.41 0.00	18.30 0.30 0.00	22.25 0.44 0.00	16.07 0.37 0.00	21.24 0.39 0.00	15.24 0.32 0.00	15.12 0.36 0.00	18.96 0.54 0.00	22.71 0.60 0.00	21.96 0.61 0.00	23.33 0.66 0.00	20.55 0.49 0.00	17.77 0.38 0.00	15.35 0.35 0.00
ROSETON___1 23587	21.72 1.14 0.00	17.10 0.91 0.00	21.51 1.14 0.00	-31.68 -1.33 0.00	0.28 0.01 0.00	4.24 0.21 0.00	5.76 0.27 0.00	19.72 0.93 0.00	24.63 0.83 0.00	28.44 0.84 0.00	22.21 0.72 0.00	18.73 0.73 0.00	22.74 0.94 0.00	16.53 0.83 0.00	21.83 0.98 0.00	15.86 0.94 0.00	15.67 0.92 0.00	19.43 1.01 0.00	23.21 1.10 0.00	22.48 1.13 0.00	23.92 1.25 0.00	21.00 0.94 0.00	18.27 0.88 0.00	15.77 0.77 0.00
ROSETON___2 23588	21.72 1.14 0.00	17.10 0.91 0.00	21.51 1.14 0.00	-31.68 -1.33 0.00	0.28 0.01 0.00	4.24 0.21 0.00	5.76 0.27 0.00	19.72 0.93 0.00	24.63 0.83 0.00	28.44 0.84 0.00	22.21 0.72 0.00	18.73 0.73 0.00	22.74 0.94 0.00	16.53 0.83 0.00	21.83 0.98 0.00	15.86 0.94 0.00	15.67 0.92 0.00	19.43 1.01 0.00	23.21 1.10 0.00	22.48 1.13 0.00	23.92 1.25 0.00	21.00 0.94 0.00	18.27 0.88 0.00	15.77 0.77 0.00
ROTRRDAM_115KV_TB3 80664	21.26 0.68 0.00	16.74 0.56 0.00	21.11 0.73 0.00	-31.37 -1.03 0.00	0.28 0.01 0.00	4.18 0.14 0.00	5.67 0.18 0.00	19.38 0.58 0.00	24.30 0.50 0.00	28.10 0.50 0.00	21.89 0.39 0.00	18.37 0.37 0.00	22.32 0.51 0.00	16.13 0.43 0.00	21.32 0.47 0.00	15.40 0.48 0.00	15.24 0.48 0.00	18.97 0.55 0.00	22.71 0.60 0.00	21.97 0.63 0.00	23.38 0.70 0.00	20.60 0.54 0.00	17.90 0.50 0.00	15.44 0.44 0.00
RUSSELL___1 23602	19.77 -0.81 0.00	15.57 -0.62 0.00	19.63 -0.74 0.00	-29.86 0.48 0.00	0.27 0.00 0.00	3.95 -0.09 0.00	5.39 -0.10 0.00	18.19 -0.60 0.00	22.89 -0.90 0.00	26.63 -0.97 0.00	20.69 -0.81 0.00	17.18 -0.68 0.13	21.05 -0.76 0.00	15.19 -0.51 0.00	20.08 -0.76 0.00	14.39 -0.53 0.00	13.74 -0.56 0.45	17.80 -0.62 0.00	21.47 -0.64 0.00	20.99 -0.36 0.00	22.49 -0.18 0.00	19.86 -0.20 0.00	17.11 -0.29 0.00	14.76 -0.24 0.00
RUSSELL___2 23532	19.77 -0.81 0.00	15.57 -0.62 0.00	19.63 -0.74 0.00	-29.86 0.48 0.00	0.27 0.00 0.00	3.95 -0.09 0.00	5.39 -0.10 0.00	18.19 -0.60 0.00	22.89 -0.90 0.00	26.63 -0.97 0.00	20.69 -0.81 0.00	17.18 -0.68 0.13	21.05 -0.76 0.00	15.19 -0.51 0.00	20.08 -0.76 0.00	14.39 -0.53 0.00	13.74 -0.56 0.45	17.80 -0.62 0.00	21.47 -0.64 0.00	20.99 -0.36 0.00	22.49 -0.18 0.00	19.86 -0.20 0.00	17.11 -0.29 0.00	14.76 -0.24 0.00
RUSSELL___3 23549	19.77 -0.81 0.00	15.57 -0.62 0.00	19.63 -0.74 0.00	-29.86 0.48 0.00	0.27 0.00 0.00	3.95 -0.09 0.00	5.39 -0.10 0.00	18.19 -0.60 0.00	22.89 -0.90 0.00	26.63 -0.97 0.00	20.69 -0.81 0.00	17.18 -0.68 0.13	21.05 -0.76 0.00	15.19 -0.51 0.00	20.08 -0.76 0.00	14.39 -0.53 0.00	13.74 -0.56 0.45	17.80 -0.62 0.00	21.47 -0.64 0.00	20.99 -0.36 0.00	22.49 -0.18 0.00	19.86 -0.20 0.00	17.11 -0.29 0.00	14.76 -0.24 0.00
RUSSELL___4 23556	19.77 -0.81 0.00	15.57 -0.62 0.00	19.63 -0.74 0.00	-29.86 0.48 0.00	0.27 0.00 0.00	3.95 -0.09 0.00	5.39 -0.10 0.00	18.19 -0.60 0.00	22.89 -0.90 0.00	26.63 -0.97 0.00	20.69 -0.81 0.00	17.18 -0.68 0.13	21.05 -0.76 0.00	15.19 -0.51 0.00	20.08 -0.76 0.00	14.39 -0.53 0.00	13.74 -0.56 0.45	17.80 -0.62 0.00	21.47 -0.64 0.00	20.99 -0.36 0.00	22.49 -0.18 0.00	19.86 -0.20 0.00	17.11 -0.29 0.00	14.76 -0.24 0.00
RUSSELL___STATION 23914	19.77 -0.81 0.00	15.57 -0.62 0.00	19.63 -0.74 0.00	-29.86 0.48 0.00	0.27 0.00 0.00	3.95 -0.09 0.00	5.39 -0.10 0.00	18.19 -0.60 0.00	22.89 -0.90 0.00	26.63 -0.97 0.00	20.69 -0.81 0.00	17.18 -0.68 0.13	21.05 -0.76 0.00	15.19 -0.51 0.00	20.08 -0.76 0.00	14.39 -0.53 0.00	13.74 -0.56 0.45	17.80 -0.62 0.00	21.47 -0.64 0.00	20.99 -0.36 0.00	22.49 -0.18 0.00	19.86 -0.20 0.00	17.11 -0.29 0.00	14.76 -0.24 0.00
S SALMON___HYD 24043	20.20 -0.38 0.00	15.86 -0.33 0.00	19.99 -0.38 0.00	-30.24 0.10 0.00	0.27 0.00 0.00	4.02 -0.02 0.00	5.45 -0.04 0.00	18.60 -0.19 0.00	23.43 -0.37 0.00	27.05 -0.55 0.00	21.04 -0.45 0.00	17.63 -0.36 0.00	21.43 -0.38 0.00	15.46 -0.24 0.00	20.48 -0.37 0.00	14.63 -0.30 0.00	14.46 -0.29 0.00	18.15 -0.26 0.00	21.71 -0.40 0.00	20.96 -0.38 0.00	22.30 -0.37 0.00	19.71 -0.36 0.00	17.05 -0.34 0.00	14.75 -0.24 0.00
S.PERRY__115KV_TB1 80734	20.00 -0.58 0.00	15.77 -0.42 0.00	19.90 -0.47 0.00	-30.68 -0.33 0.00	0.27 0.00 0.00	4.00 -0.03 0.00	5.44 -0.05 0.00	18.35 -0.45 0.00	45.83 -0.81 -22.84	40.11 -0.97 -13.48	21.22 -0.77 -0.49	17.88 -0.69 -0.58	31.41 -0.82 -10.42	17.08 -0.62 -2.01	52.54 -0.82 -32.51	44.44 -0.56 -30.08	42.37 -0.65 -28.27	31.20 -0.67 -13.45	21.56 -0.55 0.00	21.21 -0.14 0.00	22.73 0.06 0.00	20.11 0.04 0.00	17.30 -0.10 0.00	14.93 -0.08 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.95 -1.63 0.00	14.95 -1.24 0.00	18.90 -1.48 0.00	-29.27 1.07 0.00	0.26 -0.01 0.00	3.85 -0.19 0.00	5.24 -0.24 0.00	17.54 -1.25 0.00	16.50 -1.76 5.53	22.43 -1.91 3.26	19.78 -1.59 0.12	16.20 -1.36 0.44	17.77 -1.52 2.52	14.14 -1.07 0.49	11.45 -1.51 7.88	6.56 -1.08 7.29	5.73 -1.12 7.90	13.83 -1.32 3.26	20.68 -1.43 0.00	20.34 -1.01 0.00	21.93 -0.74 0.00	19.38 -0.69 0.00	16.66 -0.73 0.00	14.41 -0.58 0.00

SAWYER___23_KV_LOAD 55526	18.95 -1.63 0.00	14.95 -1.24 0.00	18.90 -1.48 0.00	-29.27 1.07 0.00	0.26 -0.01 0.00	3.85 -0.19 0.00	5.24 -0.24 0.00	17.54 -1.25 0.00	16.50 -1.76 5.53	22.43 -1.91 3.26	19.78 -1.59 0.12	16.20 -1.36 0.44	17.77 -1.52 2.52	14.14 -1.07 0.49	11.45 -1.51 7.88	6.56 -1.08 7.29	5.73 -1.12 7.90	13.83 -1.32 3.26	20.68 -1.43 0.00	20.34 -1.01 0.00	21.93 -0.74 0.00	19.38 -0.69 0.00	16.66 -0.73 0.00	14.41 -0.58 0.00
SELKIRK___I 23801	21.22 0.64 0.00	16.76 0.58 0.00	21.13 0.75 0.00	-31.43 -1.08 0.00	0.28 0.01 0.00	4.18 0.15 0.00	5.66 0.17 0.00	19.31 0.52 0.00	24.21 0.41 0.00	27.95 0.35 0.00	21.76 0.27 0.00	18.24 0.25 0.00	22.14 0.33 0.00	16.03 0.33 0.00	21.22 0.37 0.00	15.34 0.41 0.00	15.19 0.44 0.00	18.89 0.47 0.00	22.60 0.50 0.00	21.87 0.53 0.00	23.26 0.59 0.00	20.49 0.42 0.00	17.82 0.42 0.00	15.36 0.37 0.00
SELKIRK___II 23799	21.14 0.56 0.00	16.71 0.52 0.00	21.05 0.68 0.00	-31.28 -0.94 0.00	0.28 0.01 0.00	4.16 0.13 0.00	5.64 0.15 0.00	19.24 0.44 0.00	24.10 0.30 0.00	27.83 0.23 0.00	21.69 0.20 0.00	18.21 0.21 0.00	22.13 0.32 0.00	16.03 0.33 0.00	21.20 0.36 0.00	15.33 0.41 0.00	15.17 0.42 0.00	18.86 0.44 0.00	22.56 0.45 0.00	21.82 0.48 0.00	23.21 0.53 0.00	20.43 0.36 0.00	17.76 0.37 0.00	15.32 0.32 0.00
SENECA OSWGO___HYD 24041	20.12 -0.46 0.00	15.85 -0.33 0.00	19.98 -0.40 0.00	-29.92 0.43 0.00	0.27 0.00 0.00	3.98 -0.06 0.00	5.40 -0.09 0.00	18.41 -0.38 0.00	23.13 -0.67 0.00	26.78 -0.82 0.00	20.88 -0.61 0.00	17.52 -0.47 0.00	21.30 -0.51 0.00	15.36 -0.35 0.00	20.36 -0.49 0.00	14.64 -0.28 0.00	14.47 -0.28 0.00	18.05 -0.37 0.00	21.64 -0.47 0.00	20.97 -0.38 0.00	22.33 -0.34 0.00	19.71 -0.35 0.00	17.07 -0.33 0.00	14.71 -0.29 0.00
SENECA___115KV_TB3 355854	19.17 -1.41 0.00	15.12 -1.06 0.00	19.13 -1.24 0.00	-29.68 0.67 0.00	0.26 -0.01 0.00	3.89 -0.15 0.00	5.30 -0.19 0.00	17.73 -1.07 0.00	15.70 -1.54 6.56	22.07 -1.66 3.87	19.98 -1.37 0.14	16.31 -1.18 0.50	17.52 -1.31 2.99	14.19 -0.94 0.57	10.18 -1.32 9.35	5.35 -0.93 8.64	4.48 -0.97 9.30	13.41 -1.15 3.86	20.90 -1.21 0.00	20.55 -0.80 0.00	22.15 -0.52 0.00	19.57 -0.49 0.00	16.82 -0.57 0.00	14.54 -0.45 0.00
SENECA___ENERGY 23797	20.04 -0.54 0.00	15.79 -0.40 0.00	19.92 -0.45 0.00	-30.05 0.29 0.00	0.27 0.00 0.00	3.97 -0.06 0.00	5.40 -0.09 0.00	18.36 -0.44 0.00	24.58 -0.75 -1.54	27.63 -0.88 -0.91	20.86 -0.66 -0.03	17.40 -0.60 -0.01	21.83 -0.68 -0.70	15.41 -0.43 -0.13	22.38 -0.64 -2.17	16.56 -0.38 -2.02	16.15 -0.38 -1.78	18.84 -0.48 -0.90	21.55 -0.56 0.00	20.98 -0.37 0.00	22.40 -0.27 0.00	19.80 -0.26 0.00	17.12 -0.28 0.00	14.73 -0.26 0.00
SHOEMAKER___GT 23640	21.55 0.98 0.00	16.69 0.77 0.27	21.33 0.96 0.00	-78.63 -1.17 47.12	-14.22 0.01 14.50	-5.45 0.18 9.67	-4.13 0.23 9.85	17.75 0.79 1.83	24.47 0.67 0.00	28.28 0.68 0.00	22.07 0.57 0.00	18.58 0.59 0.00	22.53 0.73 0.00	16.36 0.65 0.00	21.64 0.79 0.00	15.69 0.76 0.00	15.50 0.75 0.00	19.25 0.83 0.00	23.02 0.92 0.00	22.31 0.97 0.00	23.76 1.09 0.00	20.87 0.81 0.00	18.14 0.74 0.00	15.65 0.65 0.00
SHOEMAKR_138KV_BK 111 55601	21.55 0.98 0.00	16.70 0.77 0.26	21.32 0.95 0.00	-76.33 -1.15 44.84	-13.55 0.01 13.83	-5.01 0.18 9.22	-3.67 0.23 9.39	17.83 0.78 1.74	24.46 0.66 0.00	28.28 0.68 0.00	22.06 0.57 0.00	18.59 0.59 0.00	22.55 0.74 0.00	16.36 0.66 0.00	21.64 0.79 0.00	15.70 0.77 0.00	15.51 0.76 0.00	19.26 0.84 0.00	23.03 0.92 0.00	22.31 0.97 0.00	23.76 1.09 0.00	20.87 0.80 0.00	18.14 0.74 0.00	15.65 0.65 0.00
SHOREHAM_IC_1 23715	22.09 1.51 0.00	18.04 1.50 -0.36	22.37 2.00 0.00	149.90 -1.14 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.97 0.35 -28.13	25.34 1.32 -5.22	24.94 1.14 0.00	29.04 1.44 0.00	22.48 0.99 0.00	19.24 1.24 0.00	23.41 1.60 0.00	17.04 1.34 0.00	35.72 1.72 -13.15	21.29 1.53 -4.83	16.55 1.52 -0.28	20.08 1.66 0.00	24.06 1.96 0.00	23.41 2.06 0.00	24.96 2.29 0.00	21.81 1.73 -0.01	20.99 1.63 -1.96	16.51 1.43 -0.08
SHOREHAM_IC_2 23716	22.09 1.51 0.00	18.04 1.50 -0.36	22.37 2.00 0.00	149.94 -1.11 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.97 0.35 -28.13	25.34 1.32 -5.22	24.95 1.15 0.00	29.04 1.44 0.00	22.48 0.99 0.00	19.23 1.24 0.00	23.42 1.61 0.00	17.04 1.34 0.00	35.72 1.72 -13.15	21.29 1.53 -4.83	16.55 1.52 -0.28	20.08 1.66 0.00	24.06 1.96 0.00	23.41 2.07 0.00	24.96 2.29 0.00	21.81 1.74 -0.01	20.99 1.63 -1.96	16.51 1.43 -0.08
SISSONVILLE____ 23735	19.86 -0.72 0.00	15.55 -0.64 0.00	19.56 -0.81 0.00	-29.27 1.08 0.00	0.26 -0.01 0.00	3.88 -0.16 0.00	5.29 -0.19 0.00	18.23 -0.57 0.00	23.64 -0.16 0.00	27.55 -0.05 0.00	21.36 -0.13 0.00	17.77 -0.23 0.00	21.45 -0.36 0.00	15.39 -0.31 0.00	20.45 -0.40 0.00	14.32 -0.61 0.00	14.13 -0.62 0.00	17.83 -0.59 0.00	21.46 -0.65 0.00	20.56 -0.79 0.00	21.65 -1.02 0.00	19.25 -0.81 0.00	16.62 -0.78 0.00	14.33 -0.67 0.00
SITHE_IND_GS1 24169	19.96 -0.62 0.00	15.74 -0.45 0.00	19.83 -0.54 0.00	-29.71 0.64 0.00	0.27 -0.01 0.00	3.94 -0.09 0.00	5.36 -0.13 0.00	18.26 -0.53 0.00	22.97 -0.83 0.00	26.60 -1.00 0.00	20.73 -0.76 0.00	17.37 -0.63 0.00	21.09 -0.72 0.00	15.21 -0.49 0.00	20.16 -0.69 0.00	14.49 -0.44 0.00	14.31 -0.44 0.00	17.86 -0.57 0.00	21.39 -0.71 0.00	20.74 -0.61 0.00	22.08 -0.60 0.00	19.51 -0.56 0.00	16.90 -0.49 0.00	14.57 -0.43 0.00
SITHE_IND_GS2 24170	19.96 -0.62 0.00	15.74 -0.45 0.00	19.83 -0.54 0.00	-29.71 0.64 0.00	0.27 -0.01 0.00	3.94 -0.09 0.00	5.36 -0.13 0.00	18.26 -0.53 0.00	22.97 -0.83 0.00	26.60 -1.00 0.00	20.73 -0.76 0.00	17.37 -0.63 0.00	21.09 -0.72 0.00	15.21 -0.49 0.00	20.16 -0.69 0.00	14.49 -0.44 0.00	14.31 -0.44 0.00	17.86 -0.57 0.00	21.39 -0.71 0.00	20.74 -0.61 0.00	22.08 -0.60 0.00	19.51 -0.56 0.00	16.90 -0.49 0.00	14.57 -0.43 0.00
SITHE_IND_GS3 24171	19.96 -0.62 0.00	15.74 -0.45 0.00	19.83 -0.54 0.00	-29.71 0.64 0.00	0.27 -0.01 0.00	3.94 -0.09 0.00	5.36 -0.13 0.00	18.26 -0.53 0.00	22.97 -0.83 0.00	26.60 -1.00 0.00	20.73 -0.76 0.00	17.37 -0.63 0.00	21.09 -0.72 0.00	15.21 -0.49 0.00	20.16 -0.69 0.00	14.49 -0.44 0.00	14.31 -0.44 0.00	17.86 -0.57 0.00	21.39 -0.71 0.00	20.74 -0.61 0.00	22.08 -0.60 0.00	19.51 -0.56 0.00	16.90 -0.49 0.00	14.57 -0.43 0.00
SITHE_IND_GS4 24172	19.96 -0.62 0.00	15.74 -0.45 0.00	19.83 -0.54 0.00	-29.71 0.64 0.00	0.27 -0.01 0.00	3.94 -0.09 0.00	5.36 -0.13 0.00	18.26 -0.53 0.00	22.97 -0.83 0.00	26.60 -1.00 0.00	20.73 -0.76 0.00	17.37 -0.63 0.00	21.09 -0.72 0.00	15.21 -0.49 0.00	20.16 -0.69 0.00	14.49 -0.44 0.00	14.31 -0.44 0.00	17.86 -0.57 0.00	21.39 -0.71 0.00	20.74 -0.61 0.00	22.08 -0.60 0.00	19.51 -0.56 0.00	16.90 -0.49 0.00	14.57 -0.43 0.00

SITHE___BATAVIA 24024	19.56 -1.02 0.00	15.41 -0.78 0.00	19.44 -0.93 0.00	-29.99 0.36 0.00	0.27 0.00 0.00	3.94 -0.10 0.00	5.38 -0.10 0.00	18.07 -0.73 0.00	19.47 -0.93 3.40	24.60 -1.00 2.00	20.54 -0.88 0.07	16.93 -0.76 0.31	19.44 -0.82 1.55	14.79 -0.62 0.30	15.19 -0.82 4.85	9.81 -0.63 4.48	9.09 -0.67 5.00	15.69 -0.72 2.00	21.37 -0.73 0.00	20.96 -0.38 0.00	22.58 -0.09 0.00	19.95 -0.12 0.00	17.13 -0.27 0.00	14.78 -0.22 0.00
SITHE___INDEPEND 23800	19.96 -0.62 0.00	15.74 -0.45 0.00	19.83 -0.54 0.00	-29.71 0.64 0.00	0.27 -0.01 0.00	3.94 -0.09 0.00	5.36 -0.13 0.00	18.26 -0.53 0.00	22.97 -0.83 0.00	26.60 -1.01 0.00	20.73 -0.76 0.00	17.37 -0.63 0.00	21.08 -0.73 0.00	15.21 -0.49 0.00	20.15 -0.70 0.00	14.49 -0.44 0.00	14.31 -0.44 0.00	17.86 -0.57 0.00	21.40 -0.71 0.00	20.74 -0.61 0.00	22.08 -0.60 0.00	19.51 -0.56 0.00	16.90 -0.49 0.00	14.57 -0.42 0.00
SITHE___MASSENA 23902	20.34 -0.23 0.00	15.97 -0.22 0.00	20.08 -0.29 0.00	-29.94 0.41 0.00	0.27 0.00 0.00	3.97 -0.07 0.00	5.41 -0.07 0.00	18.61 -0.19 0.00	24.06 0.26 0.00	28.06 0.46 0.00	21.79 0.30 0.00	18.12 0.13 0.00	21.90 0.09 0.00	15.73 0.03 0.00	20.90 0.06 0.00	14.70 -0.23 0.00	14.50 -0.25 0.00	18.23 -0.18 0.00	21.97 -0.13 0.00	21.09 -0.25 0.00	22.24 -0.43 0.00	19.79 -0.28 0.00	17.09 -0.30 0.00	14.73 -0.27 0.00
SITHE___OGDNSBRG 24021	20.42 -0.16 0.00	16.00 -0.18 0.00	20.12 -0.25 0.00	-30.05 0.30 0.00	0.27 0.00 0.00	3.98 -0.06 0.00	5.44 -0.05 0.00	18.72 -0.08 0.00	24.28 0.48 0.00	28.33 0.73 0.00	21.97 0.48 0.00	18.26 0.27 0.00	22.07 0.26 0.00	15.83 0.12 0.00	21.04 0.19 0.00	14.76 -0.17 0.00	14.58 -0.17 0.00	18.36 -0.06 0.00	22.15 0.04 0.00	21.20 -0.14 0.00	22.37 -0.30 0.00	19.93 -0.13 0.00	17.17 -0.22 0.00	14.79 -0.21 0.00
SITHE___STERLING 23777	20.97 0.40 0.00	16.49 0.30 0.00	20.77 0.40 0.00	-31.19 -0.85 0.00	0.28 0.01 0.00	4.14 0.11 0.00	5.62 0.13 0.00	19.18 0.39 0.00	24.12 0.31 0.00	27.90 0.30 0.00	21.73 0.24 0.00	18.18 0.18 0.00	22.09 0.29 0.00	15.94 0.24 0.00	21.08 0.23 0.00	15.16 0.24 0.00	15.02 0.27 0.00	18.79 0.37 0.00	22.53 0.42 0.00	21.82 0.47 0.00	23.21 0.54 0.00	20.45 0.39 0.00	17.70 0.30 0.00	15.27 0.27 0.00
SLEIGHT__34_KV_TB1 80719	19.81 -0.77 0.00	15.60 -0.58 0.00	19.67 -0.70 0.00	-29.76 0.59 0.00	0.27 0.00 0.00	3.94 -0.09 0.00	5.37 -0.12 0.00	18.21 -0.59 0.00	22.90 -0.89 0.00	26.60 -1.00 0.00	20.70 -0.80 0.00	17.23 -0.69 0.07	21.02 -0.78 0.00	15.19 -0.52 0.00	20.07 -0.78 0.00	14.41 -0.51 0.00	13.98 -0.52 0.24	17.81 -0.61 0.00	21.43 -0.68 0.00	20.90 -0.44 0.00	22.35 -0.32 0.00	19.75 -0.32 0.00	17.03 -0.37 0.00	14.67 -0.33 0.00
SMITHTWN_69_KV_BK 1 55830	22.25 1.67 0.00	18.05 1.51 -0.36	22.30 1.93 0.00	149.90 -1.14 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.98 0.37 -28.13	25.36 1.34 -5.22	25.07 1.27 0.00	29.12 1.51 0.00	22.69 1.20 0.00	19.32 1.33 0.00	23.37 1.56 0.00	17.00 1.30 0.00	35.82 1.73 -13.25	21.31 1.52 -4.87	16.54 1.51 -0.28	20.05 1.63 0.00	24.03 1.92 0.00	23.36 2.01 0.00	24.91 2.24 0.00	21.76 1.69 -0.01	20.95 1.58 -1.98	16.49 1.41 -0.08
SOUTH CAIRO___GT 23612	21.80 1.21 0.00	17.21 1.02 0.00	21.65 1.27 0.00	-32.23 -1.88 0.00	0.29 0.02 0.00	4.28 0.25 0.00	5.81 0.32 0.00	19.86 1.06 0.00	24.97 1.17 0.00	28.87 1.27 0.00	22.47 0.97 0.00	18.75 0.75 0.00	22.72 0.92 0.00	16.39 0.69 0.00	21.72 0.87 0.00	15.74 0.82 0.00	15.63 0.88 0.00	19.51 1.09 0.00	23.36 1.25 0.00	22.60 1.26 0.00	24.06 1.39 0.00	21.16 1.10 0.00	18.35 0.96 0.00	15.79 0.79 0.00
SOUTH HAMPTN___IC 23720	22.31 1.73 0.00	18.26 1.71 -0.36	22.63 2.26 0.00	149.74 -1.30 -181.39	41.70 0.02 -41.40	31.94 0.30 -27.60	33.96 0.35 -28.13	25.32 1.30 -5.22	24.96 1.17 0.00	29.13 1.53 0.00	22.58 1.09 0.00	19.27 1.28 0.00	23.49 1.68 0.00	17.12 1.41 0.00	35.83 1.86 -13.13	21.38 1.63 -4.82	16.61 1.58 -0.28	20.15 1.73 0.00	24.20 2.09 0.00	23.52 2.17 0.00	25.08 2.40 0.00	21.88 1.81 -0.01	21.01 1.66 -1.96	16.52 1.44 -0.08
SOUTHDOW_115KV_TB1 355954	19.57 -1.01 0.00	15.46 -0.72 0.00	19.68 -0.69 0.00	-30.78 -0.43 0.00	0.27 0.00 0.00	3.99 -0.04 0.00	5.45 -0.04 0.00	18.34 -0.46 0.00	19.81 -0.88 3.12	24.91 -0.86 1.84	20.73 -0.70 0.07	16.93 -0.66 0.40	19.67 -0.71 1.42	14.82 -0.61 0.27	15.49 -0.92 4.44	10.26 -0.56 4.10	9.20 -0.57 4.99	15.92 -0.67 1.84	21.50 -0.60 0.00	21.03 -0.32 0.00	22.77 0.10 0.00	20.05 -0.01 0.00	17.25 -0.15 0.00	14.87 -0.13 0.00
SOUTHOLD_69_KV_BK 2 55809	22.37 1.79 0.00	18.38 1.84 -0.36	22.78 2.41 0.00	150.35 -0.69 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.91 0.29 -28.13	25.15 1.13 -5.22	24.79 0.99 0.00	28.92 1.32 0.00	22.44 0.95 0.00	19.13 1.13 0.00	23.32 1.51 0.00	17.03 1.33 0.00	35.74 1.76 -13.13	21.35 1.60 -4.82	16.51 1.48 -0.28	20.04 1.62 0.00	24.08 1.98 0.00	23.41 2.07 0.00	24.95 2.28 0.00	21.75 1.68 -0.01	20.88 1.52 -1.96	16.39 1.31 -0.08
SOUTHOLD___IC 23719	22.37 1.79 0.00	18.38 1.84 -0.36	22.78 2.40 0.00	150.32 -0.72 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.91 0.29 -28.13	25.15 1.13 -5.22	24.78 0.99 0.00	28.93 1.32 0.00	22.44 0.95 0.00	19.13 1.14 0.00	23.31 1.50 0.00	17.03 1.33 0.00	35.74 1.76 -13.13	21.35 1.60 -4.82	16.51 1.48 -0.28	20.04 1.62 0.00	24.09 1.98 0.00	23.41 2.07 0.00	24.95 2.28 0.00	21.76 1.68 -0.01	20.88 1.52 -1.96	16.39 1.31 -0.08
SOUTH_FORK_WT_PWR 323839	22.28 1.70 0.00	18.39 1.85 -0.36	22.79 2.42 0.00	149.99 -1.06 -181.39	41.70 0.02 -41.40	31.89 0.25 -27.60	33.82 0.21 -28.13	24.88 0.85 -5.22	24.43 0.64 0.00	28.55 0.95 0.00	22.15 0.66 0.00	18.88 0.89 0.00	23.02 1.21 0.00	16.82 1.12 0.00	35.50 1.52 -13.13	21.20 1.46 -4.82	16.32 1.29 -0.28	19.80 1.38 0.00	23.80 1.69 0.00	23.13 1.79 0.00	24.65 1.98 0.00	21.48 1.41 -0.01	20.64 1.28 -1.96	16.18 1.10 -0.08
SPIERFLS_115KV_TB 1 80737	21.92 1.34 0.00	17.26 1.08 0.00	21.79 1.42 0.00	-32.40 -2.05 0.00	0.29 0.02 0.00	4.31 0.28 0.00	5.85 0.36 0.00	20.06 1.26 0.00	25.11 1.31 0.00	29.03 1.43 0.00	22.47 0.98 0.00	18.87 0.87 0.00	23.01 1.20 0.00	16.59 0.88 0.00	21.90 1.05 0.00	15.84 0.91 0.00	15.67 0.92 0.00	19.48 1.06 0.00	23.31 1.20 0.00	22.55 1.21 0.00	23.96 1.29 0.00	21.18 1.12 0.00	18.38 0.99 0.00	15.86 0.86 0.00
ST LAWRENCE____ 23600	20.26 -0.32 0.00	15.91 -0.28 0.00	20.02 -0.36 0.00	-29.80 0.54 0.00	0.27 -0.01 0.00	3.95 -0.09 0.00	5.39 -0.10 0.00	18.51 -0.28 0.00	23.80 0.00 0.00	27.75 0.14 0.00	21.56 0.06 0.00	17.94 -0.05 0.00	21.69 -0.12 0.00	15.57 -0.13 0.00	20.70 -0.15 0.00	14.63 -0.29 0.00	14.44 -0.31 0.00	18.13 -0.29 0.00	21.84 -0.27 0.00	20.98 -0.36 0.00	22.15 -0.53 0.00	19.69 -0.38 0.00	17.02 -0.37 0.00	14.67 -0.33 0.00

STATE_CA_115KV_115_LB 55624	21.19 0.61 0.00	16.77 0.58 0.00	21.14 0.76 0.00	-31.43 -1.09 0.00	0.28 0.01 0.00	4.18 0.15 0.00	5.66 0.17 0.00	19.28 0.48 0.00	24.14 0.35 0.00	27.88 0.28 0.00	21.73 0.24 0.00	18.24 0.25 0.00	22.19 0.38 0.00	16.07 0.37 0.00	21.25 0.41 0.00	15.38 0.45 0.00	15.21 0.46 0.00	18.90 0.48 0.00	22.61 0.50 0.00	21.87 0.52 0.00	23.24 0.57 0.00	20.45 0.38 0.00	17.79 0.39 0.00	15.34 0.34 0.00
STATE_ST_34_KV_LOAD 55959	20.44 -0.14 0.00	16.10 -0.09 0.00	20.30 -0.07 0.00	-30.51 -0.16 0.00	0.27 0.00 0.00	4.04 0.00 0.00	5.49 0.00 0.00	18.71 -0.09 0.00	23.50 -0.30 0.00	27.23 -0.37 0.00	21.23 -0.26 0.00	17.79 -0.28 -0.08	21.49 -0.32 0.00	15.55 -0.15 0.00	20.55 -0.30 0.00	14.83 -0.10 0.00	14.94 -0.09 -0.28	18.30 -0.12 0.00	21.88 -0.23 0.00	21.31 -0.04 0.00	22.67 0.00 0.00	20.09 0.03 0.00	17.39 -0.01 0.00	14.92 -0.08 0.00
STATION_5_MISC_HYD 23604	19.67 -0.90 0.00	15.50 -0.69 0.00	19.55 -0.82 0.00	-29.80 0.55 0.00	0.27 0.00 0.00	3.94 -0.10 0.00	5.37 -0.12 0.00	18.13 -0.67 0.00	22.80 -0.99 0.00	26.51 -1.09 0.00	20.58 -0.91 0.00	17.09 -0.78 0.13	20.95 -0.86 0.00	15.12 -0.58 0.00	20.00 -0.85 0.00	14.33 -0.60 0.00	13.67 -0.62 0.45	17.71 -0.71 0.00	21.36 -0.74 0.00	20.87 -0.47 0.00	22.37 -0.30 0.00	19.76 -0.30 0.00	17.03 -0.37 0.00	14.69 -0.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.85 -0.73 0.00	15.63 -0.55 0.00	19.72 -0.65 0.00	-29.88 0.47 0.00	0.27 0.00 0.00	3.96 -0.08 0.00	5.38 -0.10 0.00	18.25 -0.55 0.00	22.93 -0.87 0.00	26.63 -0.97 0.00	20.72 -0.77 0.00	17.18 -0.67 0.15	21.06 -0.75 0.00	15.21 -0.49 0.00	20.12 -0.73 0.00	14.44 -0.48 0.00	13.73 -0.51 0.51	17.83 -0.59 0.00	21.47 -0.64 0.00	20.95 -0.40 0.00	22.41 -0.26 0.00	19.79 -0.27 0.00	17.07 -0.32 0.00	14.72 -0.28 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.61 -0.97 0.00	15.45 -0.74 0.00	19.48 -0.89 0.00	-29.61 0.74 0.00	0.26 -0.01 0.00	3.92 -0.12 0.00	5.34 -0.15 0.00	18.06 -0.74 0.00	22.70 -1.10 0.00	26.40 -1.20 0.00	20.51 -0.98 0.00	17.03 -0.83 0.13	20.87 -0.94 0.00	15.06 -0.64 0.00	19.92 -0.93 0.00	14.28 -0.64 0.00	13.63 -0.67 0.44	17.65 -0.77 0.00	21.28 -0.83 0.00	20.78 -0.56 0.00	22.26 -0.41 0.00	19.66 -0.40 0.00	16.95 -0.45 0.00	14.62 -0.38 0.00
STA_56___34_KV_BUS2 355983	19.61 -0.97 0.00	15.45 -0.74 0.00	19.48 -0.89 0.00	-29.61 0.74 0.00	0.26 -0.01 0.00	3.92 -0.12 0.00	5.34 -0.15 0.00	18.06 -0.74 0.00	22.70 -1.10 0.00	26.40 -1.20 0.00	20.51 -0.98 0.00	17.03 -0.83 0.13	20.87 -0.94 0.00	15.06 -0.64 0.00	19.92 -0.93 0.00	14.28 -0.64 0.00	13.63 -0.67 0.44	17.65 -0.77 0.00	21.28 -0.83 0.00	20.78 -0.56 0.00	22.26 -0.41 0.00	19.66 -0.40 0.00	16.95 -0.45 0.00	14.62 -0.38 0.00
STA_67___115KV_BK2 355882	19.63 -0.95 0.00	15.47 -0.71 0.00	19.51 -0.86 0.00	-29.71 0.64 0.00	0.27 0.00 0.00	3.93 -0.11 0.00	5.36 -0.13 0.00	18.09 -0.71 0.00	22.74 -1.06 0.00	26.45 -1.15 0.00	20.54 -0.95 0.00	17.05 -0.81 0.13	20.90 -0.91 0.00	15.08 -0.62 0.00	19.94 -0.91 0.00	14.29 -0.63 0.00	13.64 -0.66 0.45	17.66 -0.76 0.00	21.31 -0.80 0.00	20.82 -0.52 0.00	22.32 -0.35 0.00	19.72 -0.35 0.00	16.99 -0.41 0.00	14.66 -0.34 0.00
STA_7___115KV_9TRANS 80674	19.77 -0.81 0.00	15.57 -0.62 0.00	19.63 -0.74 0.00	-29.86 0.48 0.00	0.27 0.00 0.00	3.95 -0.09 0.00	5.39 -0.10 0.00	18.19 -0.60 0.00	22.89 -0.90 0.00	26.63 -0.97 0.00	20.69 -0.81 0.00	17.18 -0.68 0.13	21.05 -0.76 0.00	15.19 -0.51 0.00	20.08 -0.76 0.00	14.39 -0.53 0.00	13.74 -0.56 0.45	17.80 -0.62 0.00	21.47 -0.64 0.00	20.99 -0.36 0.00	22.49 -0.18 0.00	19.86 -0.20 0.00	17.11 -0.29 0.00	14.76 -0.24 0.00
STA_82___115KV_TB1 80780	19.64 -0.94 0.00	15.47 -0.71 0.00	19.52 -0.86 0.00	-29.71 0.64 0.00	0.27 0.00 0.00	3.93 -0.11 0.00	5.36 -0.13 0.00	18.09 -0.71 0.00	22.75 -1.05 0.00	26.46 -1.15 0.00	20.55 -0.94 0.00	17.05 -0.81 0.13	20.90 -0.91 0.00	15.08 -0.62 0.00	19.94 -0.90 0.00	14.29 -0.63 0.00	13.63 -0.66 0.46	17.67 -0.75 0.00	21.31 -0.79 0.00	20.83 -0.52 0.00	22.33 -0.35 0.00	19.72 -0.34 0.00	16.99 -0.40 0.00	14.67 -0.33 0.00
STEEL___WIND 323596	19.14 -1.44 0.00	15.11 -1.08 0.00	19.12 -1.25 0.00	-29.71 0.64 0.00	0.26 -0.01 0.00	3.88 -0.15 0.00	5.29 -0.20 0.00	17.71 -1.09 0.00	15.69 -1.55 6.56	22.05 -1.68 3.87	19.95 -1.40 0.14	16.28 -1.21 0.50	17.50 -1.32 2.99	14.17 -0.96 0.57	10.17 -1.34 9.35	5.35 -0.94 8.64	4.47 -0.98 9.30	13.39 -1.17 3.86	20.89 -1.22 0.00	20.52 -0.83 0.00	22.13 -0.54 0.00	19.55 -0.51 0.00	16.81 -0.59 0.00	14.53 -0.47 0.00
STEPHTWN_115KV_BK_2 55603	21.15 0.57 0.00	16.74 0.55 0.00	21.22 0.85 0.00	-31.46 -1.11 0.00	0.28 0.01 0.00	4.21 0.17 0.00	5.68 0.20 0.00	19.41 0.61 0.00	24.33 0.53 0.00	28.09 0.49 0.00	21.87 0.37 0.00	18.33 0.33 0.00	22.34 0.54 0.00	16.16 0.46 0.00	21.41 0.57 0.00	15.48 0.55 0.00	15.34 0.59 0.00	19.07 0.65 0.00	22.82 0.72 0.00	22.04 0.69 0.00	23.42 0.75 0.00	20.65 0.59 0.00	17.90 0.50 0.00	15.43 0.42 0.00
STEBEN_REC_LFGE 323667	19.52 -1.06 0.00	15.46 -0.73 0.00	19.45 -0.93 0.00	-30.56 -0.22 0.00	0.26 -0.01 0.00	3.89 -0.14 0.00	5.25 -0.23 0.00	17.67 -1.13 0.00	36.90 -1.85 -14.95	34.21 -2.23 -8.84	20.08 -1.74 -0.32	16.29 -1.52 0.18	26.87 -1.78 -6.83	15.76 -1.25 -1.32	40.42 -1.65 -21.22	33.44 -1.15 -19.66	30.00 -1.21 -16.45	25.85 -1.37 -8.80	20.73 -1.37 0.00	20.49 -0.85 0.00	21.80 -0.87 0.00	19.37 -0.70 0.00	16.65 -0.75 0.00	14.40 -0.60 0.00
STILLWATER___SOLAR 323814	21.68 1.11 0.00	17.09 0.91 0.00	21.56 1.18 0.00	-32.03 -1.68 0.00	0.29 0.02 0.00	4.27 0.23 0.00	5.79 0.30 0.00	19.81 1.01 0.00	24.80 1.00 0.00	28.66 1.06 0.00	22.27 0.78 0.00	18.69 0.69 0.00	22.76 0.95 0.00	16.44 0.73 0.00	21.72 0.88 0.00	15.71 0.79 0.00	15.54 0.79 0.00	19.34 0.92 0.00	23.15 1.05 0.00	22.40 1.06 0.00	23.81 1.14 0.00	20.98 0.92 0.00	18.22 0.82 0.00	15.71 0.71 0.00
STONY___BROOK 24151	22.27 1.70 0.00	18.08 1.54 -0.36	22.35 1.97 0.00	149.83 -1.22 -181.39	41.70 0.02 -41.40	31.93 0.30 -27.60	33.99 0.38 -28.13	25.40 1.38 -5.22	25.10 1.30 0.00	29.16 1.56 0.00	22.72 1.22 0.00	19.35 1.35 0.00	23.40 1.59 0.00	17.02 1.32 0.00	35.80 1.75 -13.21	21.31 1.53 -4.85	16.56 1.52 -0.28	20.07 1.65 0.00	24.04 1.94 0.00	23.38 2.03 0.00	24.94 2.26 0.00	21.78 1.71 -0.01	20.97 1.60 -1.97	16.51 1.43 -0.08
STURGEON_POOL_HYD 23609	21.97 1.39 0.00	17.27 1.08 0.00	21.70 1.33 0.00	-31.91 -1.56 0.00	0.29 0.02 0.00	4.28 0.24 0.00	5.81 0.32 0.00	19.93 1.13 0.00	24.87 1.07 0.00	28.74 1.14 0.00	22.45 0.96 0.00	18.96 0.97 0.00	23.03 1.22 0.00	16.76 1.05 0.00	22.13 1.28 0.00	16.09 1.16 0.00	15.88 1.14 0.00	19.69 1.27 0.00	23.51 1.41 0.00	22.79 1.44 0.00	24.26 1.59 0.00	21.27 1.20 0.00	18.50 1.10 0.00	15.96 0.95 0.00

ST_LAW_115_BK7_LBMP 345037	20.23 -0.35 0.00	15.88 -0.31 0.00	19.98 -0.40 0.00	-29.74 0.61 0.00	0.26 -0.01 0.00	3.94 -0.09 0.00	5.38 -0.11 0.00	18.49 -0.31 0.00	23.80 0.00 0.00	27.76 0.16 0.00	21.56 0.07 0.00	17.94 -0.06 0.00	21.69 -0.12 0.00	15.57 -0.13 0.00	20.69 -0.15 0.00	14.61 -0.31 0.00	14.42 -0.33 0.00	18.11 -0.31 0.00	21.82 -0.28 0.00	20.96 -0.39 0.00	22.11 -0.56 0.00	19.67 -0.40 0.00	17.00 -0.39 0.00	14.65 -0.35 0.00
ST_LAW_115_BK8_LBMP 345038	20.23 -0.35 0.00	15.88 -0.31 0.00	19.98 -0.40 0.00	-29.74 0.61 0.00	0.26 -0.01 0.00	3.94 -0.09 0.00	5.38 -0.11 0.00	18.49 -0.31 0.00	23.80 0.00 0.00	27.76 0.16 0.00	21.56 0.07 0.00	17.94 -0.06 0.00	21.69 -0.12 0.00	15.57 -0.13 0.00	20.69 -0.15 0.00	14.61 -0.31 0.00	14.42 -0.33 0.00	18.11 -0.31 0.00	21.82 -0.28 0.00	20.96 -0.39 0.00	22.11 -0.56 0.00	19.67 -0.40 0.00	17.00 -0.39 0.00	14.65 -0.35 0.00
ST_LAW_230_BK5_LBMP 345035	20.26 -0.32 0.00	15.91 -0.28 0.00	20.02 -0.36 0.00	-29.80 0.54 0.00	0.27 -0.01 0.00	3.95 -0.09 0.00	5.39 -0.10 0.00	18.51 -0.28 0.00	23.80 0.00 0.00	27.75 0.14 0.00	21.56 0.06 0.00	17.94 -0.05 0.00	21.69 -0.12 0.00	15.57 -0.13 0.00	20.70 -0.15 0.00	14.63 -0.29 0.00	14.44 -0.31 0.00	18.13 -0.29 0.00	21.84 -0.27 0.00	20.98 -0.36 0.00	22.15 -0.53 0.00	19.69 -0.38 0.00	17.02 -0.37 0.00	14.67 -0.33 0.00
ST_LAW_230_BK6_LBMP 345036	20.26 -0.32 0.00	15.91 -0.28 0.00	20.02 -0.36 0.00	-29.80 0.54 0.00	0.27 -0.01 0.00	3.95 -0.09 0.00	5.39 -0.10 0.00	18.51 -0.28 0.00	23.80 0.00 0.00	27.75 0.14 0.00	21.56 0.06 0.00	17.94 -0.05 0.00	21.69 -0.12 0.00	15.57 -0.13 0.00	20.70 -0.15 0.00	14.63 -0.29 0.00	14.44 -0.31 0.00	18.13 -0.29 0.00	21.84 -0.27 0.00	20.98 -0.36 0.00	22.15 -0.53 0.00	19.69 -0.38 0.00	17.02 -0.37 0.00	14.67 -0.33 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.67 1.09 0.00	16.73 0.86 0.31	21.42 1.05 0.00	-86.33 -1.25 54.73	-16.47 0.01 16.76	-6.94 0.20 11.17	-5.64 0.26 11.38	17.56 0.87 2.11	24.56 0.76 0.00	28.38 0.78 0.00	22.15 0.65 0.00	18.69 0.69 0.00	22.69 0.88 0.00	16.47 0.77 0.00	21.77 0.92 0.00	15.81 0.89 0.00	15.62 0.87 0.00	19.39 0.97 0.00	23.17 1.06 0.00	22.45 1.11 0.00	23.91 1.24 0.00	20.97 0.91 0.00	18.23 0.83 0.00	15.73 0.73 0.00
SWANROAD_115KV_TB1 355699	18.57 -2.01 0.00	14.65 -1.53 0.00	18.51 -1.86 0.00	-28.72 1.62 0.00	0.26 -0.01 0.00	3.76 -0.27 0.00	5.15 -0.34 0.00	17.15 -1.64 0.00	16.54 -2.00 5.25	22.23 -2.27 3.10	19.46 -1.92 0.11	15.98 -1.60 0.41	17.66 -1.75 2.39	13.93 -1.31 0.46	11.67 -1.69 7.49	6.78 -1.22 6.92	5.98 -1.27 7.50	13.77 -1.55 3.10	20.24 -1.86 0.00	19.92 -1.43 0.00	21.50 -1.17 0.00	19.02 -1.05 0.00	16.35 -1.05 0.00	14.16 -0.84 0.00
SYNERGY___BIOGAS 323694	19.56 -1.02 0.00	15.41 -0.78 0.00	19.44 -0.93 0.00	-29.93 0.41 0.00	0.27 0.00 0.00	3.94 -0.10 0.00	5.38 -0.11 0.00	18.07 -0.73 0.00	19.45 -0.95 3.40	24.59 -1.01 2.00	20.54 -0.88 0.07	16.94 -0.75 0.31	19.44 -0.82 1.55	14.78 -0.62 0.30	15.16 -0.84 4.85	9.80 -0.65 4.48	9.07 -0.68 5.00	15.68 -0.73 2.00	21.36 -0.75 0.00	20.96 -0.38 0.00	22.58 -0.09 0.00	19.95 -0.11 0.00	17.13 -0.27 0.00	14.78 -0.22 0.00
SYRACUSE___ENERGY_ST1 323597	20.39 -0.19 0.00	16.06 -0.13 0.00	20.24 -0.13 0.00	-30.34 0.00 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.47 -0.02 0.00	18.65 -0.15 0.00	23.44 -0.35 0.00	27.15 -0.45 0.00	21.17 -0.32 0.00	17.74 -0.26 0.00	21.53 -0.27 0.00	15.55 -0.16 0.00	20.59 -0.26 0.00	14.82 -0.10 0.00	14.64 -0.11 0.00	18.27 -0.15 0.00	21.90 -0.21 0.00	21.24 -0.11 0.00	22.62 -0.06 0.00	19.98 -0.08 0.00	17.30 -0.10 0.00	14.90 -0.10 0.00
SYRACUSE___ENERGY_ST2 323598	20.39 -0.19 0.00	16.06 -0.13 0.00	20.24 -0.13 0.00	-30.34 0.00 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.47 -0.02 0.00	18.65 -0.15 0.00	23.44 -0.35 0.00	27.15 -0.45 0.00	21.17 -0.32 0.00	17.74 -0.26 0.00	21.53 -0.27 0.00	15.55 -0.16 0.00	20.59 -0.26 0.00	14.82 -0.10 0.00	14.64 -0.11 0.00	18.27 -0.15 0.00	21.90 -0.21 0.00	21.24 -0.11 0.00	22.62 -0.06 0.00	19.98 -0.08 0.00	17.30 -0.10 0.00	14.90 -0.10 0.00
SYRACUSE___POWER 24017	20.45 -0.13 0.00	16.10 -0.09 0.00	20.30 -0.07 0.00	-30.43 -0.09 0.00	0.27 0.00 0.00	4.04 0.00 0.00	5.49 0.00 0.00	18.69 -0.11 0.00	23.47 -0.32 0.00	27.19 -0.41 0.00	21.20 -0.29 0.00	17.83 -0.23 -0.06	21.58 -0.22 0.00	15.58 -0.13 0.00	20.63 -0.22 0.00	14.85 -0.07 0.00	14.89 -0.07 -0.21	18.31 -0.11 0.00	21.97 -0.14 0.00	21.30 -0.05 0.00	22.70 0.02 0.00	20.03 -0.03 0.00	17.34 -0.06 0.00	14.95 -0.05 0.00
TALLMAN_138KV_BK151 55660	21.77 1.19 0.00	16.72 0.93 0.40	21.51 1.13 0.00	-104.47 -1.30 72.83	-21.79 0.01 22.07	-10.47 0.21 14.71	-9.23 0.27 14.99	16.97 0.95 2.78	24.63 0.83 0.00	28.45 0.85 0.00	22.20 0.71 0.00	18.77 0.78 0.00	22.78 0.97 0.00	16.55 0.85 0.00	21.86 1.01 0.00	15.90 0.98 0.00	15.71 0.96 0.00	19.48 1.06 0.00	23.28 1.17 0.00	22.57 1.22 0.00	24.03 1.36 0.00	21.06 0.99 0.00	18.31 0.91 0.00	15.80 0.80 0.00
TEALLAVE_115KV_TB7 355573	20.36 -0.21 0.00	16.04 -0.15 0.00	20.22 -0.15 0.00	-30.31 0.03 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.47 -0.02 0.00	18.62 -0.18 0.00	23.39 -0.41 0.00	27.08 -0.52 0.00	21.12 -0.37 0.00	17.70 -0.29 0.00	21.50 -0.31 0.00	15.52 -0.18 0.00	20.55 -0.30 0.00	14.79 -0.13 0.00	14.62 -0.13 0.00	18.24 -0.18 0.00	21.87 -0.23 0.00	21.21 -0.13 0.00	22.61 -0.07 0.00	19.95 -0.11 0.00	17.27 -0.12 0.00	14.89 -0.11 0.00
TELGRAPH_34_KV_EAST 80808	19.09 -1.49 0.00	15.05 -1.13 0.00	19.00 -1.37 0.00	-29.37 0.97 0.00	0.26 -0.01 0.00	3.85 -0.18 0.00	5.27 -0.22 0.00	17.63 -1.16 0.00	17.86 -1.48 4.46	23.34 -1.63 2.63	20.01 -1.39 0.10	16.45 -1.18 0.37	18.49 -1.28 2.03	14.36 -0.95 0.39	13.21 -1.28 6.35	8.13 -0.92 5.87	7.37 -0.97 6.42	14.66 -1.14 2.62	20.83 -1.27 0.00	20.47 -0.88 0.00	22.07 -0.60 0.00	19.50 -0.56 0.00	16.76 -0.64 0.00	14.49 -0.52 0.00
TEMPLE___115KV_TB 2 55572	20.37 -0.20 0.00	16.04 -0.14 0.00	20.22 -0.14 0.00	-30.32 0.03 0.00	0.27 0.00 0.00	4.03 -0.01 0.00	5.47 -0.02 0.00	18.63 -0.17 0.00	23.39 -0.41 0.00	27.08 -0.52 0.00	21.12 -0.37 0.00	17.71 -0.29 0.00	21.51 -0.30 0.00	15.52 -0.18 0.00	20.56 -0.29 0.00	14.80 -0.12 0.00	14.63 -0.12 0.00	18.25 -0.17 0.00	21.88 -0.23 0.00	21.22 -0.12 0.00	22.62 -0.06 0.00	19.96 -0.10 0.00	17.28 -0.12 0.00	14.90 -0.10 0.00
TIANA___69_KV_BK 1 55817	22.29 1.71 0.00	18.21 1.66 -0.36	22.56 2.19 0.00	149.80 -1.25 -181.39	41.70 0.02 -41.40	31.94 0.30 -27.60	33.97 0.36 -28.13	25.36 1.34 -5.22	25.02 1.22 0.00	29.16 1.56 0.00	22.62 1.13 0.00	19.30 1.31 0.00	23.52 1.71 0.00	17.13 1.43 0.00	35.83 1.86 -13.13	21.38 1.64 -4.82	16.62 1.59 -0.28	20.17 1.75 0.00	24.20 2.10 0.00	23.54 2.19 0.00	25.10 2.42 0.00	21.90 1.83 -0.01	21.04 1.68 -1.96	16.55 1.47 -0.08

TILDEN___115KV_TB1 80814	20.45 -0.13 0.00	16.10 -0.09 0.00	20.30 -0.07 0.00	-30.43 -0.09 0.00	0.27 0.00 0.00	4.04 0.00 0.00	5.49 0.00 0.00	18.69 -0.11 0.00	23.47 -0.32 0.00	27.19 -0.41 0.00	21.20 -0.29 0.00	17.83 -0.23 -0.06	21.58 -0.22 0.00	15.58 -0.13 0.00	20.63 -0.22 0.00	14.85 -0.07 0.00	14.89 -0.07 -0.21	18.31 -0.11 0.00	21.97 -0.14 0.00	21.30 -0.05 0.00	22.70 0.02 0.00	20.03 -0.03 0.00	17.34 -0.06 0.00	14.95 -0.05 0.00
TRIGEN___CC 323695	22.12 1.54 0.00	17.84 1.30 -0.36	21.98 1.61 0.00	149.88 -1.16 -181.39	41.69 0.02 -41.40	31.90 0.26 -27.60	33.95 0.34 -28.13	25.24 1.22 -5.22	24.96 1.17 0.00	28.94 1.34 0.00	22.59 1.09 0.00	19.14 1.15 0.00	23.22 1.42 0.00	16.90 1.20 0.00	45.74 1.52 -23.37	24.85 1.33 -8.59	16.57 1.32 -0.50	19.85 1.44 0.00	23.75 1.65 0.00	23.05 1.71 0.00	24.55 1.88 0.00	21.50 1.42 -0.01	22.23 1.35 -3.49	16.34 1.20 -0.14
TRINITY___115KV___4 BK 55933	21.12 0.54 0.00	16.73 0.54 0.00	21.08 0.71 0.00	-31.34 -1.00 0.00	0.28 0.01 0.00	4.17 0.14 0.00	5.64 0.15 0.00	19.22 0.42 0.00	24.06 0.26 0.00	27.77 0.17 0.00	21.64 0.15 0.00	18.17 0.18 0.00	22.10 0.29 0.00	16.01 0.31 0.00	21.17 0.33 0.00	15.32 0.40 0.00	15.15 0.40 0.00	18.83 0.41 0.00	22.52 0.42 0.00	21.79 0.44 0.00	23.16 0.49 0.00	20.38 0.31 0.00	17.73 0.34 0.00	15.30 0.30 0.00
UNION___PROCESSING_DRP 323587	19.64 -0.94 0.00	15.47 -0.71 0.00	19.52 -0.85 0.00	-29.70 0.64 0.00	0.27 0.00 0.00	3.93 -0.11 0.00	5.36 -0.13 0.00	18.09 -0.70 0.00	22.75 -1.05 0.00	26.46 -1.14 0.00	20.55 -0.94 0.00	17.06 -0.81 0.13	20.91 -0.90 0.00	15.09 -0.61 0.00	19.95 -0.90 0.00	14.30 -0.63 0.00	13.64 -0.66 0.46	17.67 -0.75 0.00	21.32 -0.79 0.00	20.84 -0.51 0.00	22.33 -0.34 0.00	19.72 -0.34 0.00	17.00 -0.40 0.00	14.67 -0.33 0.00
UPPER HUDSON___HYD 24058	21.92 1.34 0.00	17.26 1.07 0.00	21.79 1.42 0.00	-32.40 -2.05 0.00	0.29 0.02 0.00	4.31 0.28 0.00	5.85 0.36 0.00	20.06 1.26 0.00	25.11 1.31 0.00	29.03 1.43 0.00	22.47 0.98 0.00	18.87 0.87 0.00	23.01 1.20 0.00	16.59 0.88 0.00	21.90 1.05 0.00	15.84 0.91 0.00	15.67 0.92 0.00	19.48 1.06 0.00	23.31 1.20 0.00	22.55 1.21 0.00	23.96 1.29 0.00	21.18 1.12 0.00	18.38 0.99 0.00	15.86 0.86 0.00
UPPER RAQUET___HYD 24056	19.86 -0.72 0.00	15.55 -0.64 0.00	19.56 -0.81 0.00	-29.27 1.08 0.00	0.26 -0.01 0.00	3.88 -0.16 0.00	5.30 -0.19 0.00	18.23 -0.57 0.00	23.64 -0.16 0.00	27.55 -0.05 0.00	21.36 -0.13 0.00	17.77 -0.22 0.00	21.45 -0.36 0.00	15.39 -0.31 0.00	20.45 -0.40 0.00	14.32 -0.61 0.00	14.13 -0.62 0.00	17.83 -0.59 0.00	21.46 -0.65 0.00	20.55 -0.79 0.00	21.65 -1.02 0.00	19.25 -0.81 0.00	16.62 -0.78 0.00	14.33 -0.67 0.00
VALLEY44_115KV_TB2 355964	19.68 -0.90 0.00	15.54 -0.64 0.00	19.72 -0.65 0.00	-30.56 -0.21 0.00	0.27 0.00 0.00	3.99 -0.04 0.00	5.43 -0.06 0.00	18.26 -0.54 0.00	20.34 -0.90 2.56	25.06 -1.03 1.51	20.48 -0.96 0.06	16.70 -0.91 0.39	19.60 -1.04 1.17	14.77 -0.71 0.22	16.22 -0.99 3.64	10.88 -0.68 3.37	9.76 -0.69 4.30	16.09 -0.83 1.51	21.28 -0.83 0.00	20.86 -0.49 0.00	22.45 -0.22 0.00	19.79 -0.28 0.00	17.05 -0.34 0.00	14.80 -0.20 0.00
VALLEY___115KV_TB 1-4 80826	21.01 0.44 0.00	16.58 0.40 0.00	20.88 0.51 0.00	-31.24 -0.89 0.00	0.28 0.01 0.00	4.13 0.10 0.00	5.61 0.12 0.00	19.09 0.29 0.00	23.81 0.02 0.00	27.51 -0.09 0.00	21.49 0.00 0.00	18.03 0.04 0.00	21.86 0.05 0.00	15.72 0.02 0.00	20.74 -0.11 0.00	15.00 0.08 0.00	14.89 0.14 0.00	18.53 0.11 0.00	22.18 0.07 0.00	21.47 0.13 0.00	22.92 0.25 0.00	20.21 0.14 0.00	17.58 0.18 0.00	15.14 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.36 0.78 0.00	16.81 0.62 0.00	21.16 0.79 0.00	-31.56 -1.21 0.00	0.28 0.01 0.00	4.20 0.16 0.00	5.69 0.21 0.00	19.48 0.68 0.00	24.45 0.65 0.00	28.31 0.71 0.00	22.06 0.57 0.00	18.54 0.54 0.00	22.50 0.69 0.00	16.26 0.56 0.00	21.51 0.66 0.00	15.53 0.60 0.00	15.37 0.62 0.00	19.15 0.73 0.00	22.96 0.85 0.00	22.28 0.93 0.00	23.75 1.08 0.00	20.91 0.85 0.00	18.11 0.71 0.00	15.60 0.60 0.00
VISCHER___FERRY HYD 24020	21.42 0.84 0.00	16.95 0.71 -0.06	21.30 0.94 0.00	-31.63 -1.29 0.00	0.28 0.01 0.00	4.22 0.18 0.00	5.71 0.22 0.00	19.53 0.74 0.00	24.44 0.64 0.00	28.19 0.59 0.00	21.93 0.45 0.00	18.40 0.41 0.00	22.42 0.61 0.00	16.24 0.53 0.00	21.45 0.60 0.00	15.53 0.60 0.00	15.35 0.60 0.00	19.09 0.67 0.00	22.84 0.74 0.00	22.09 0.75 0.00	23.48 0.81 0.00	20.67 0.61 0.00	17.98 0.59 0.00	15.50 0.50 0.00
V_A_10_SYNC_DSASP 323832	19.07 -1.51 0.00	15.04 -1.14 0.00	19.00 -1.37 0.00	-29.22 1.13 0.00	0.26 -0.01 0.00	3.85 -0.18 0.00	5.26 -0.23 0.00	17.64 -1.16 0.00	18.80 -1.64 3.36	23.81 -1.81 1.98	19.91 -1.51 0.07	16.40 -1.29 0.30	18.82 -1.46 1.53	14.39 -1.02 0.30	14.62 -1.43 4.79	9.47 -1.02 4.43	8.76 -1.06 4.92	15.19 -1.25 1.98	20.75 -1.36 0.00	20.36 -0.99 0.00	21.89 -0.78 0.00	19.35 -0.72 0.00	16.66 -0.74 0.00	14.41 -0.59 0.00
V_CMM_10_SYNC_DSASP 323787	20.33 -0.24 0.00	15.96 -0.23 0.00	20.08 -0.29 0.00	-29.89 0.45 0.00	0.27 0.00 0.00	3.96 -0.07 0.00	5.40 -0.08 0.00	18.59 -0.21 0.00	23.93 0.13 0.00	27.90 0.30 0.00	21.67 0.18 0.00	18.03 0.03 0.00	21.79 -0.01 0.00	15.65 -0.05 0.00	20.80 -0.05 0.00	14.69 -0.23 0.00	14.49 -0.26 0.00	18.21 -0.21 0.00	21.95 -0.16 0.00	21.07 -0.27 0.00	22.23 -0.44 0.00	19.77 -0.30 0.00	17.09 -0.30 0.00	14.72 -0.28 0.00
V_CMP_10_SYNC_DSASP 323788	20.70 0.12 0.00	16.26 0.07 0.00	20.47 0.10 0.00	-30.45 -0.10 0.00	0.27 0.00 0.00	4.02 -0.02 0.00	5.49 0.00 0.00	18.91 0.12 0.00	24.26 0.46 0.00	28.32 0.72 0.00	21.98 0.49 0.00	18.23 0.23 0.00	22.00 0.19 0.00	15.81 0.11 0.00	20.93 0.08 0.00	14.72 -0.20 0.00	14.46 -0.29 0.00	18.08 -0.34 0.00	21.69 -0.42 0.00	20.90 -0.45 0.00	22.11 -0.57 0.00	19.61 -0.45 0.00	17.00 -0.40 0.00	14.59 -0.41 0.00
V_D_10_SYNC_DSASP 323841	20.35 -0.23 0.00	15.97 -0.22 0.00	20.09 -0.29 0.00	-29.94 0.41 0.00	0.27 0.00 0.00	3.97 -0.07 0.00	5.42 -0.07 0.00	18.62 -0.18 0.00	24.06 0.26 0.00	28.06 0.45 0.00	21.78 0.29 0.00	18.12 0.13 0.00	21.90 0.09 0.00	15.73 0.03 0.00	20.90 0.06 0.00	14.70 -0.22 0.00	14.51 -0.24 0.00	18.24 -0.18 0.00	21.98 -0.13 0.00	21.09 -0.25 0.00	22.25 -0.42 0.00	19.79 -0.28 0.00	17.10 -0.30 0.00	14.73 -0.27 0.00
V_E_10_SYNC_DSASP 323830	21.55 0.98 0.00	17.03 0.84 0.00	21.42 1.05 0.00	-32.42 -2.08 0.00	0.29 0.01 0.00	4.25 0.21 0.00	5.77 0.28 0.00	19.64 0.85 0.00	25.65 0.69 -1.16	28.82 0.53 -0.69	21.87 0.35 -0.03	18.79 0.39 -0.41	22.39 0.05 -0.53	15.64 -0.16 -0.10	22.19 -0.30 -1.65	16.38 -0.08 -1.53	17.58 0.07 -2.75	19.20 0.09 -0.68	22.39 0.29 0.00	21.84 0.50 0.00	23.37 0.70 0.00	20.68 0.62 0.00	17.95 0.55 0.00	15.36 0.37 0.00

V_F_30_NSYNC___DSASP 323816	21.70 1.12 0.00	17.10 0.92 0.00	21.57 1.20 0.00	-32.04 -1.70 0.00	0.29 0.02 0.00	4.27 0.24 0.00	5.79 0.30 0.00	19.82 1.03 0.00	24.83 1.03 0.00	28.70 1.10 0.00	22.30 0.81 0.00	18.71 0.71 0.00	22.79 0.98 0.00	16.45 0.75 0.00	21.75 0.90 0.00	15.73 0.80 0.00	15.56 0.81 0.00	19.36 0.94 0.00	23.18 1.07 0.00	22.43 1.08 0.00	23.84 1.16 0.00	21.01 0.94 0.00	18.24 0.84 0.00	15.73 0.73 0.00
V_F_30_SYNC_DSASP 323786	21.19 0.61 0.00	16.77 0.58 0.00	21.14 0.76 0.00	-31.43 -1.09 0.00	0.28 0.01 0.00	4.18 0.15 0.00	5.66 0.17 0.00	19.28 0.48 0.00	24.14 0.35 0.00	27.88 0.28 0.00	21.73 0.24 0.00	18.24 0.25 0.00	22.19 0.38 0.00	16.07 0.37 0.00	21.25 0.41 0.00	15.38 0.45 0.00	15.20 0.45 0.00	18.90 0.48 0.00	22.60 0.50 0.00	21.86 0.52 0.00	23.24 0.57 0.00	20.45 0.38 0.00	17.79 0.39 0.00	15.34 0.34 0.00
V_XM_10_SYNC_DSASP 323789	20.70 0.12 0.00	16.26 0.07 0.00	20.47 0.10 0.00	-30.45 -0.10 0.00	0.27 0.00 0.00	4.02 -0.02 0.00	5.49 0.00 0.00	18.91 0.12 0.00	24.26 0.46 0.00	28.32 0.72 0.00	21.98 0.49 0.00	18.23 0.23 0.00	22.00 0.19 0.00	15.81 0.11 0.00	20.93 0.08 0.00	14.72 -0.20 0.00	14.46 -0.29 0.00	18.08 -0.34 0.00	21.69 -0.42 0.00	20.90 -0.45 0.00	22.11 -0.57 0.00	19.61 -0.45 0.00	17.00 -0.40 0.00	14.59 -0.41 0.00
W.BABYLN_69_KV_BK1 56697	22.40 1.82 0.00	18.12 1.58 -0.36	22.35 1.98 0.00	149.65 -1.40 -181.39	41.70 0.02 -41.40	31.95 0.31 -27.60	34.02 0.40 -28.13	25.47 1.45 -5.22	25.23 1.43 0.00	29.26 1.66 0.00	22.82 1.33 0.00	19.41 1.42 0.00	23.52 1.71 0.00	17.11 1.41 0.00	37.66 1.88 -14.93	22.02 1.61 -5.48	16.68 1.61 -0.32	20.16 1.74 0.00	24.16 2.06 0.00	23.49 2.15 0.00	25.05 2.38 0.00	21.91 1.84 -0.01	21.32 1.69 -2.23	16.59 1.50 -0.09
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.84 1.25 0.00	16.76 0.98 0.41	21.57 1.19 0.00	-106.69 -1.40 74.94	-22.40 0.01 22.69	-10.87 0.22 15.13	-9.63 0.29 15.41	16.95 1.02 2.86	24.71 0.91 0.00	28.55 0.95 0.00	22.28 0.79 0.00	18.83 0.84 0.00	22.85 1.04 0.00	16.60 0.90 0.00	21.94 1.09 0.00	15.95 1.03 0.00	15.75 1.00 0.00	19.55 1.13 0.00	23.35 1.25 0.00	22.64 1.30 0.00	24.11 1.44 0.00	21.13 1.07 0.00	18.37 0.97 0.00	15.85 0.85 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.10 1.52 0.00	17.76 1.21 -0.36	21.87 1.50 0.00	150.66 -1.74 -182.75	42.00 0.02 -41.71	32.10 0.26 -27.81	34.17 0.34 -28.33	25.30 1.25 -5.26	25.03 1.23 0.00	28.92 1.32 0.00	22.59 1.10 0.00	19.07 1.08 0.00	23.14 1.33 0.00	16.86 1.15 0.00	22.22 1.37 0.00	16.18 1.25 0.00	15.98 1.23 0.00	19.78 1.36 0.00	23.58 1.48 0.00	22.88 1.53 0.00	24.34 1.67 0.00	21.34 1.27 0.00	18.58 1.18 0.00	16.05 1.05 0.00
W50THST__13_KV_LOAD 356117	22.19 1.61 0.00	17.82 1.28 -0.36	21.96 1.59 0.00	150.53 -1.87 -182.75	42.00 0.02 -41.71	32.12 0.28 -27.81	34.19 0.37 -28.33	25.39 1.34 -5.26	25.15 1.35 0.00	29.06 1.46 0.00	22.71 1.22 0.00	19.17 1.17 0.00	23.26 1.45 0.00	16.95 1.25 0.00	22.34 1.49 0.00	16.27 1.34 0.00	16.06 1.32 0.00	19.89 1.47 0.00	23.71 1.61 0.00	22.99 1.65 0.00	24.46 1.79 0.00	21.44 1.38 0.00	18.66 1.27 0.00	16.12 1.12 0.00
WADING RIVER_IC_1 23522	22.08 1.50 0.00	18.04 1.50 -0.36	22.37 2.00 0.00	149.90 -1.14 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.96 0.35 -28.13	25.34 1.32 -5.22	24.93 1.13 0.00	29.05 1.45 0.00	22.48 0.99 0.00	19.23 1.24 0.00	23.42 1.61 0.00	17.04 1.34 0.00	35.71 1.74 -13.12	21.28 1.54 -4.82	16.55 1.53 -0.28	20.08 1.66 0.00	24.07 1.96 0.00	23.41 2.06 0.00	24.96 2.29 0.00	21.81 1.73 -0.01	20.98 1.62 -1.96	16.51 1.43 -0.08
WADING RIVER_IC_2 23547	22.08 1.50 0.00	18.04 1.50 -0.36	22.37 2.00 0.00	149.90 -1.14 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.96 0.35 -28.13	25.34 1.32 -5.22	24.93 1.13 0.00	29.05 1.45 0.00	22.48 0.99 0.00	19.23 1.24 0.00	23.42 1.61 0.00	17.04 1.34 0.00	35.71 1.74 -13.12	21.28 1.54 -4.82	16.55 1.53 -0.28	20.08 1.66 0.00	24.07 1.96 0.00	23.41 2.06 0.00	24.96 2.29 0.00	21.81 1.73 -0.01	20.98 1.62 -1.96	16.51 1.43 -0.08
WADING RIVER_IC_3 23601	22.08 1.50 0.00	18.04 1.50 -0.36	22.37 2.00 0.00	149.90 -1.14 -181.39	41.70 0.02 -41.40	31.92 0.28 -27.60	33.96 0.35 -28.13	25.34 1.32 -5.22	24.93 1.13 0.00	29.05 1.45 0.00	22.48 0.99 0.00	19.23 1.24 0.00	23.42 1.61 0.00	17.04 1.34 0.00	35.71 1.74 -13.12	21.28 1.54 -4.82	16.55 1.53 -0.28	20.08 1.66 0.00	24.07 1.96 0.00	23.41 2.06 0.00	24.96 2.29 0.00	21.81 1.73 -0.01	20.98 1.62 -1.96	16.51 1.43 -0.08
WALDENNY_12_KV_BK2 80841	19.14 -1.44 0.00	15.10 -1.08 0.00	19.10 -1.27 0.00	-29.63 0.71 0.00	0.26 -0.01 0.00	3.88 -0.15 0.00	5.29 -0.20 0.00	17.71 -1.09 0.00	15.86 -1.53 6.41	22.17 -1.66 3.78	19.97 -1.38 0.14	16.32 -1.18 0.49	17.60 -1.29 2.92	14.20 -0.94 0.56	10.41 -1.31 9.13	5.56 -0.92 8.44	4.69 -0.96 9.10	13.50 -1.14 3.78	20.88 -1.22 0.00	20.53 -0.82 0.00	22.13 -0.54 0.00	19.56 -0.51 0.00	16.81 -0.58 0.00	14.53 -0.47 0.00
WALDEN__HYDRO 24148	21.80 1.22 0.00	17.04 0.95 0.10	21.56 1.18 0.00	-41.38 -1.43 9.61	-4.20 0.01 4.48	1.27 0.22 2.99	2.73 0.28 3.05	19.23 1.00 0.57	24.70 0.91 0.00	28.56 0.95 0.00	22.29 0.80 0.00	18.80 0.81 0.00	22.83 1.02 0.00	16.58 0.88 0.00	21.91 1.06 0.00	15.91 0.98 0.00	15.72 0.97 0.00	19.51 1.09 0.00	23.32 1.21 0.00	22.60 1.25 0.00	24.06 1.39 0.00	21.11 1.04 0.00	18.35 0.95 0.00	15.82 0.83 0.00
WARRENSBURG____ 23737	21.92 1.34 0.00	17.26 1.08 0.00	21.79 1.42 0.00	-32.40 -2.05 0.00	0.29 0.02 0.00	4.31 0.28 0.00	5.85 0.36 0.00	20.06 1.26 0.00	25.11 1.31 0.00	29.03 1.43 0.00	22.47 0.98 0.00	18.87 0.87 0.00	23.01 1.20 0.00	16.59 0.88 0.00	21.90 1.05 0.00	15.84 0.91 0.00	15.67 0.92 0.00	19.48 1.06 0.00	23.31 1.20 0.00	22.55 1.21 0.00	23.96 1.29 0.00	21.18 1.12 0.00	18.38 0.99 0.00	15.86 0.86 0.00
WATERSIDE____6 8 9 23538	22.12 1.54 0.00	17.77 1.23 -0.36	21.84 1.47 0.00	150.16 -1.69 -182.19	41.88 0.02 -41.58	32.01 0.25 -27.73	34.08 0.34 -28.25	25.30 1.26 -5.25	24.99 1.19 0.00	28.89 1.29 0.00	22.59 1.10 0.00	19.07 1.08 0.00	23.12 1.32 0.00	16.86 1.16 0.00	22.22 1.37 0.00	16.18 1.26 0.00	15.98 1.23 0.00	19.78 1.36 0.00	23.59 1.48 0.00	22.87 1.53 0.00	24.34 1.67 0.00	21.33 1.26 0.00	18.58 1.19 0.00	16.05 1.05 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.91 0.34 0.00	16.49 0.31 0.00	20.78 0.42 0.00	-31.03 -0.68 0.00	0.28 0.00 0.00	4.12 0.08 0.00	5.58 0.09 0.00	19.03 0.23 0.00	23.80 0.00 0.00	27.48 -0.12 0.00	21.43 -0.06 0.00	17.99 -0.01 0.00	21.82 0.01 0.00	15.74 0.04 0.00	20.76 -0.08 0.00	15.00 0.08 0.00	14.87 0.12 0.00	18.52 0.10 0.00	22.17 0.06 0.00	21.49 0.15 0.00	22.92 0.24 0.00	20.20 0.13 0.00	17.56 0.16 0.00	15.13 0.13 0.00

WDELAWARE___HYD 323627	21.46 0.89 0.00	16.78 0.68 0.08	21.20 0.83 0.00	-38.95 -0.93 7.68	-3.31 0.01 3.59	1.79 0.15 2.39	3.25 0.19 2.43	19.04 0.69 0.45	24.36 0.57 0.00	28.17 0.56 0.00	21.98 0.49 0.00	18.54 0.55 0.00	22.50 0.68 0.00	16.32 0.62 0.00	21.58 0.73 0.00	15.55 0.63 0.00	15.37 0.62 0.00	19.09 0.67 0.00	22.83 0.72 0.00	22.13 0.79 0.00	23.57 0.89 0.00	20.69 0.63 0.00	17.97 0.58 0.00	15.50 0.50 0.00
WEST BABYLON___IC 23714	22.40 1.82 0.00	18.12 1.58 -0.36	22.35 1.98 0.00	149.65 -1.40 -181.39	41.70 0.02 -41.40	31.95 0.31 -27.60	34.02 0.40 -28.13	25.47 1.45 -5.22	25.23 1.43 0.00	29.26 1.66 0.00	22.82 1.33 0.00	19.41 1.42 0.00	23.52 1.71 0.00	17.11 1.41 0.00	37.66 1.88 -14.93	22.02 1.61 -5.48	16.68 1.61 -0.32	20.16 1.74 0.00	24.16 2.06 0.00	23.49 2.15 0.00	25.05 2.38 0.00	21.91 1.84 -0.01	21.32 1.69 -2.23	16.59 1.50 -0.09
WEST CANADA___HYD 24049	20.71 0.13 0.00	16.32 0.13 0.00	20.57 0.19 0.00	-30.68 -0.34 0.00	0.27 0.00 0.00	4.08 0.05 0.00	5.54 0.05 0.00	18.91 0.11 0.00	23.72 -0.08 0.00	27.43 -0.17 0.00	21.36 -0.13 0.00	17.91 -0.08 0.00	21.76 -0.05 0.00	15.72 0.02 0.00	20.80 -0.05 0.00	14.99 0.07 0.00	14.81 0.07 0.00	18.47 0.05 0.00	22.12 0.01 0.00	21.42 0.07 0.00	22.79 0.12 0.00	20.09 0.02 0.00	17.45 0.06 0.00	15.06 0.06 0.00
WESTERN_NY_WIND 24143	19.53 -1.05 0.00	15.38 -0.81 0.00	19.40 -0.97 0.00	-29.90 0.45 0.00	0.27 0.00 0.00	3.93 -0.10 0.00	5.37 -0.11 0.00	18.04 -0.76 0.00	19.15 -0.99 3.66	24.40 -1.04 2.16	20.50 -0.91 0.08	16.89 -0.78 0.32	19.28 -0.86 1.67	14.74 -0.64 0.32	14.76 -0.87 5.21	9.44 -0.66 4.82	8.70 -0.70 5.35	15.50 -0.76 2.16	21.32 -0.79 0.00	20.93 -0.42 0.00	22.55 -0.12 0.00	19.92 -0.14 0.00	17.11 -0.29 0.00	14.76 -0.24 0.00
WESTOVER___LESR 323668	20.48 -0.10 0.00	16.12 -0.07 0.00	20.37 0.00 0.00	-30.68 -0.33 0.00	0.27 0.00 0.00	4.06 0.03 0.00	5.50 0.02 0.00	18.71 -0.09 0.00	23.43 -0.36 0.00	27.14 -0.47 0.00	21.14 -0.35 0.00	17.55 -0.32 0.12	21.48 -0.33 0.00	15.51 -0.19 0.00	20.56 -0.29 0.00	14.80 -0.12 0.00	14.22 -0.11 0.42	18.25 -0.16 0.00	21.92 -0.18 0.00	21.30 -0.04 0.00	22.76 0.08 0.00	20.07 0.00 0.00	17.38 -0.02 0.00	15.00 0.00 0.00
WETHRSFD_WT_PWR 323626	19.08 -1.50 0.00	15.08 -1.10 0.00	19.10 -1.26 0.00	-29.86 0.49 0.00	0.26 -0.01 0.00	3.86 -0.18 0.00	5.22 -0.26 0.00	17.49 -1.31 0.00	-5.41 -1.94 27.27	9.27 -2.26 16.07	19.14 -1.76 0.59	15.01 -1.55 1.43	7.62 -1.76 12.43	12.04 -1.27 2.39	-19.67 -1.67 38.85	-22.15 -1.16 35.92	-22.85 -1.20 36.40	0.88 -1.48 16.06	20.52 -1.58 0.00	20.22 -1.13 0.00	21.75 -0.92 0.00	19.23 -0.84 0.00	16.56 -0.83 0.00	14.32 -0.68 0.00
WHAVSTOR_138KV_BK127 55557	21.74 1.16 0.00	16.68 0.90 0.41	21.48 1.11 0.00	-106.98 -1.27 75.36	-22.53 0.01 22.82	-10.97 0.20 15.21	-9.74 0.27 15.50	16.85 0.93 2.88	24.60 0.80 0.00	28.42 0.82 0.00	22.18 0.69 0.00	18.74 0.75 0.00	22.74 0.93 0.00	16.52 0.82 0.00	21.83 0.98 0.00	15.88 0.95 0.00	15.68 0.93 0.00	19.46 1.04 0.00	23.24 1.13 0.00	22.53 1.19 0.00	23.99 1.32 0.00	21.03 0.96 0.00	18.28 0.88 0.00	15.78 0.78 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.74 1.16 0.00	16.68 0.90 0.41	21.48 1.11 0.00	-106.98 -1.27 75.36	-22.53 0.01 22.82	-10.97 0.20 15.21	-9.74 0.27 15.50	16.85 0.93 2.88	24.60 0.80 0.00	28.42 0.82 0.00	22.18 0.69 0.00	18.74 0.75 0.00	22.74 0.93 0.00	16.52 0.82 0.00	21.83 0.98 0.00	15.88 0.95 0.00	15.68 0.93 0.00	19.46 1.04 0.00	23.24 1.13 0.00	22.53 1.19 0.00	23.99 1.32 0.00	21.03 0.96 0.00	18.28 0.88 0.00	15.78 0.78 0.00
WHITEHAL_115KV_TB1 80871	22.89 2.31 0.00	18.05 1.86 0.00	22.66 2.29 0.00	-33.62 -3.28 0.00	0.30 0.03 0.00	4.42 0.39 0.00	5.98 0.49 0.00	20.65 1.85 0.00	25.63 1.83 0.00	29.48 1.88 0.00	22.87 1.38 0.00	19.25 1.25 0.00	24.05 2.24 0.00	17.42 1.72 0.00	22.85 2.01 0.00	16.46 1.54 0.00	16.33 1.58 0.00	20.16 1.74 0.00	23.98 1.88 0.00	23.15 1.81 0.00	24.48 1.81 0.00	21.34 1.27 0.00	18.59 1.19 0.00	15.96 0.96 0.00
WHITEPLN_13_KV_LOAD 356215	22.13 1.55 0.00	17.79 1.23 -0.37	21.90 1.54 0.00	161.17 -1.82 -193.33	44.89 0.02 -44.60	34.04 0.27 -29.73	36.14 0.36 -30.30	25.69 1.26 -5.63	25.05 1.26 0.00	28.97 1.37 0.00	22.64 1.14 0.00	19.10 1.10 0.00	23.19 1.38 0.00	16.88 1.18 0.00	22.27 1.43 0.00	16.20 1.28 0.00	16.01 1.26 0.00	19.82 1.40 0.00	23.65 1.54 0.00	22.93 1.59 0.00	24.42 1.75 0.00	21.41 1.35 0.00	18.63 1.23 0.00	16.08 1.08 0.00
WM_FLOYD_69_KV_BK2 356380	22.19 1.61 0.00	18.07 1.52 -0.36	22.36 1.99 0.00	149.93 -1.11 -181.39	41.70 0.02 -41.40	31.93 0.29 -27.60	33.98 0.36 -28.13	25.36 1.34 -5.22	25.01 1.21 0.00	29.08 1.48 0.00	22.58 1.09 0.00	19.28 1.29 0.00	23.43 1.62 0.00	17.04 1.34 0.00	35.75 1.75 -13.16	21.30 1.55 -4.84	16.55 1.53 -0.28	20.08 1.66 0.00	24.07 1.97 0.00	23.41 2.07 0.00	24.97 2.30 0.00	21.81 1.75 -0.01	21.00 1.63 -1.96	16.52 1.45 -0.08
WOODARD___115KV_TB2 355635	20.34 -0.23 0.00	16.02 -0.16 0.00	20.19 -0.17 0.00	-30.26 0.09 0.00	0.27 0.00 0.00	4.02 -0.01 0.00	5.46 -0.03 0.00	18.60 -0.20 0.00	23.37 -0.43 0.00	27.06 -0.54 0.00	21.11 -0.38 0.00	17.69 -0.31 0.00	21.49 -0.32 0.00	15.51 -0.20 0.00	20.54 -0.31 0.00	14.78 -0.15 0.00	14.60 -0.15 0.00	18.22 -0.20 0.00	21.85 -0.26 0.00	21.18 -0.16 0.00	22.56 -0.11 0.00	19.92 -0.14 0.00	17.25 -0.15 0.00	14.87 -0.13 0.00
WOODMERE_69_KV_BK1 55827	22.36 1.77 0.00	18.01 1.46 -0.36	22.19 1.82 0.00	149.64 -1.40 -181.39	41.70 0.02 -41.40	31.94 0.30 -27.60	34.02 0.40 -28.13	25.47 1.45 -5.22	25.21 1.42 0.00	29.15 1.55 0.00	22.81 1.30 -0.01	19.30 1.30 0.00	23.40 1.59 0.00	17.05 1.35 0.00	43.95 1.73 -21.37	24.25 1.47 -7.85	16.66 1.46 -0.45	20.03 1.61 0.00	23.95 1.84 0.00	23.30 1.96 0.00	24.83 2.15 0.00	21.73 1.65 -0.01	22.13 1.55 -3.19	16.50 1.37 -0.13
YORK___WARBASSE 23770	22.15 1.57 0.00	17.80 1.25 -0.36	21.87 1.50 0.00	150.12 -1.73 -182.19	41.88 0.02 -41.58	32.03 0.27 -27.73	34.10 0.36 -28.25	25.36 1.32 -5.25	25.03 1.23 0.00	28.98 1.38 0.00	22.62 1.13 0.00	19.11 1.12 0.00	23.16 1.35 0.00	16.88 1.18 0.00	22.26 1.41 0.00	16.20 1.28 0.00	16.03 1.28 0.00	19.84 1.42 0.00	23.66 1.56 0.00	22.96 1.62 0.00	24.45 1.78 0.00	21.39 1.33 0.00	18.65 1.26 0.00	16.08 1.09 0.00