

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/27/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	20.23	20.01	21.13	20.68	20.19	20.98	24.85	25.77	23.80	23.44	24.52	29.05	26.61	27.49	26.42	30.09	30.99	35.88	38.05	31.04	28.35	25.17	25.35	24.83
24138	0.66	0.63	0.60	0.63	0.60	0.72	1.00	1.24	1.17	1.15	1.26	1.52	1.44	1.47	1.45	1.66	1.84	2.11	2.15	1.78	1.50	1.21	1.02	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.27	20.05	21.17	20.73	20.23	21.02	24.89	25.81	23.83	23.44	24.54	29.07	26.62	27.49	26.40	30.06	30.96	35.86	38.04	31.03	28.35	25.18	25.36	24.85
24260	0.70	0.67	0.64	0.68	0.65	0.76	1.04	1.28	1.20	1.15	1.27	1.54	1.45	1.48	1.43	1.64	1.82	2.09	2.15	1.77	1.50	1.23	1.03	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.27	20.05	21.17	20.73	20.23	21.02	24.89	25.81	23.83	23.44	24.54	29.07	26.62	27.49	26.40	30.06	30.96	35.86	38.04	31.03	28.35	25.18	25.36	24.85
24261	0.70	0.67	0.64	0.68	0.65	0.76	1.04	1.28	1.20	1.15	1.27	1.54	1.45	1.48	1.43	1.64	1.82	2.09	2.15	1.77	1.50	1.23	1.03	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.39	20.15	21.33	20.83	20.35	21.18	25.07	25.93	24.02	23.66	24.72	29.22	26.73	27.60	26.42	30.12	31.11	36.11	38.17	30.86	28.26	25.15	25.37	24.89
24011	0.81	0.77	0.80	0.79	0.77	0.92	1.22	1.40	1.39	1.37	1.45	1.69	1.56	1.58	1.46	1.69	1.97	2.33	2.28	1.60	1.41	1.19	1.04	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.47	20.22	21.40	20.89	20.42	21.28	25.23	26.12	24.20	23.86	24.93	29.49	26.97	27.85	26.64	30.36	31.42	36.50	38.52	31.05	28.41	25.29	25.50	25.01
23798	0.90	0.83	0.87	0.85	0.83	1.03	1.38	1.59	1.58	1.57	1.67	1.96	1.81	1.83	1.67	1.93	2.28	2.72	2.62	1.79	1.56	1.33	1.17	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.39	20.15	21.33	20.83	20.35	21.18	25.07	25.93	24.02	23.66	24.72	29.22	26.73	27.60	26.42	30.12	31.11	36.11	38.17	30.86	28.26	25.15	25.37	24.89
24028	0.81	0.77	0.80	0.79	0.77	0.92	1.22	1.40	1.39	1.37	1.45	1.69	1.56	1.58	1.46	1.69	1.97	2.33	2.28	1.60	1.41	1.19	1.04	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.11	19.97	21.16	20.68	20.17	20.88	24.53	25.36	23.44	23.09	24.12	28.65	26.17	27.04	25.95	29.52	30.23	35.05	37.04	30.03	27.72	24.70	24.97	24.53
23527	0.54	0.59	0.63	0.63	0.58	0.62	0.68	0.83	0.82	0.80	0.85	1.12	1.00	1.03	0.98	1.09	1.09	1.28	1.15	0.76	0.87	0.74	0.64	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.51	19.32	20.44	19.98	19.52	20.21	23.78	24.54	22.71	22.35	23.32	27.64	25.28	26.13	25.07	28.53	29.32	33.99	36.01	29.29	26.89	23.95	24.22	23.78
24190	-0.06	-0.07	-0.09	-0.07	-0.07	-0.05	-0.07	0.01	0.08	0.06	0.05	0.11	0.11	0.11	0.10	0.11	0.18	0.21	0.12	0.03	0.04	-0.01	-0.11	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.99	19.79	20.97	20.46	19.96	20.57	24.24	24.86	22.89	22.58	23.58	27.90	25.47	26.38	25.29	28.80	29.42	34.06	36.42	29.71	27.29	24.37	24.70	24.27
355683	0.41	0.40	0.44	0.41	0.38	0.31	0.39	0.33	0.26	0.29	0.31	0.38	0.31	0.36	0.32	0.37	0.27	0.28	0.52	0.45	0.44	0.42	0.37	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.98	19.78	20.94	20.47	20.00	20.69	24.37	25.12	23.23	22.85	23.83	28.22	25.79	26.65	25.57	29.11	29.93	34.70	36.80	29.93	27.48	24.48	24.78	24.33
323833	0.40	0.40	0.41	0.42	0.41	0.43	0.52	0.59	0.60	0.56	0.56	0.69	0.62	0.63	0.60	0.68	0.79	0.93	0.90	0.67	0.63	0.52	0.44	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.97	19.77	20.93	20.46	19.99	20.68	24.36	25.11	23.22	22.85	23.82	28.21	25.79	26.64	25.56	29.11	29.93	34.70	36.79	29.93	27.47	24.47	24.77	24.32
323834	0.40	0.39	0.40	0.41	0.41	0.42	0.51	0.58	0.59	0.55	0.55	0.69	0.62	0.63	0.60	0.68	0.78	0.93	0.89	0.66	0.62	0.51	0.44	0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	19.51	19.32	20.44	19.98	19.52	20.21	23.78	24.54	22.71	22.35	23.32	27.64	25.28	26.13	25.07	28.53	29.32	33.99	36.01	29.29	26.89	23.95	24.22	23.78
23571	-0.06	-0.07	-0.09	-0.07	-0.07	-0.05	-0.07	0.01	0.08	0.06	0.05	0.11	0.11	0.11	0.10	0.11	0.18	0.21	0.12	0.03	0.04	-0.01	-0.11	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.51 -0.06 0.00	19.32 -0.07 0.00	20.44 -0.09 0.00	19.98 -0.07 0.00	19.52 -0.07 0.00	20.21 -0.05 0.00	23.78 -0.07 0.00	24.54 0.01 0.00	22.71 0.08 0.00	22.35 0.06 0.00	23.32 0.05 0.00	27.64 0.11 0.00	25.28 0.11 0.00	26.13 0.11 0.00	25.07 0.10 0.00	28.53 0.11 0.00	29.32 0.18 0.00	33.99 0.21 0.00	36.01 0.12 0.00	29.29 0.03 0.00	26.89 0.04 0.00	23.95 -0.01 0.00	24.22 -0.11 0.00	23.78 -0.15 0.00
ALBANY___3 23573	19.51 -0.06 0.00	19.32 -0.07 0.00	20.44 -0.09 0.00	19.98 -0.07 0.00	19.52 -0.07 0.00	20.21 -0.05 0.00	23.78 -0.07 0.00	24.54 0.01 0.00	22.71 0.08 0.00	22.35 0.06 0.00	23.32 0.05 0.00	27.64 0.11 0.00	25.28 0.11 0.00	26.13 0.11 0.00	25.07 0.10 0.00	28.53 0.11 0.00	29.32 0.18 0.00	33.99 0.21 0.00	36.01 0.12 0.00	29.29 0.03 0.00	26.89 0.04 0.00	23.95 -0.01 0.00	24.22 -0.11 0.00	23.78 -0.15 0.00
ALBANY___4 23574	19.51 -0.06 0.00	19.32 -0.07 0.00	20.44 -0.09 0.00	19.98 -0.07 0.00	19.52 -0.07 0.00	20.21 -0.05 0.00	23.78 -0.07 0.00	24.54 0.01 0.00	22.71 0.08 0.00	22.35 0.06 0.00	23.32 0.05 0.00	27.64 0.11 0.00	25.28 0.11 0.00	26.13 0.11 0.00	25.07 0.10 0.00	28.53 0.11 0.00	29.32 0.18 0.00	33.99 0.21 0.00	36.01 0.12 0.00	29.29 0.03 0.00	26.89 0.04 0.00	23.95 -0.01 0.00	24.22 -0.11 0.00	23.78 -0.15 0.00
ALBANY___LFGE 323615	19.70 0.12 0.00	19.50 0.11 0.00	20.63 0.10 0.00	20.17 0.11 0.00	19.71 0.12 0.00	20.41 0.15 0.00	24.02 0.17 0.00	24.80 0.27 0.00	22.95 0.32 0.00	22.59 0.30 0.00	23.58 0.31 0.00	27.95 0.42 0.00	25.56 0.39 0.00	26.41 0.39 0.00	25.34 0.38 0.00	28.84 0.42 0.00	29.65 0.51 0.00	34.36 0.59 0.00	36.40 0.50 0.00	29.60 0.33 0.00	27.18 0.33 0.00	24.20 0.24 0.00	24.46 0.13 0.00	24.02 0.09 0.00
ALCOA_PA_115KV_PL-6C 55860	20.10 0.53 0.00	19.91 0.52 0.00	21.10 0.57 0.00	20.59 0.54 0.00	20.08 0.50 0.00	20.69 0.43 0.00	24.38 0.53 0.00	25.01 0.48 0.00	23.03 0.40 0.00	22.72 0.43 0.00	23.72 0.45 0.00	28.07 0.54 0.00	25.62 0.46 0.00	26.52 0.51 0.00	25.43 0.47 0.00	28.97 0.54 0.00	29.58 0.44 0.00	34.15 0.37 0.00	36.63 0.73 0.00	29.89 0.63 0.00	27.44 0.59 0.00	24.51 0.55 0.00	24.84 0.51 0.00	24.40 0.46 0.00
ALCOA_RYNLDS___DRP 24188	20.10 0.53 0.00	19.91 0.52 0.00	21.10 0.57 0.00	20.59 0.54 0.00	20.08 0.50 0.00	20.69 0.43 0.00	24.38 0.53 0.00	25.01 0.48 0.00	23.03 0.40 0.00	22.72 0.43 0.00	23.72 0.45 0.00	28.07 0.54 0.00	25.62 0.46 0.00	26.52 0.51 0.00	25.43 0.47 0.00	28.97 0.54 0.00	29.58 0.44 0.00	34.15 0.37 0.00	36.63 0.73 0.00	29.89 0.63 0.00	27.44 0.59 0.00	24.51 0.55 0.00	24.84 0.51 0.00	24.40 0.46 0.00
ALCOA___DSASP 323711	20.10 0.53 0.00	19.91 0.52 0.00	21.10 0.57 0.00	20.59 0.54 0.00	20.08 0.50 0.00	20.69 0.43 0.00	24.38 0.53 0.00	25.01 0.48 0.00	23.03 0.40 0.00	22.72 0.43 0.00	23.72 0.45 0.00	28.06 0.53 0.00	25.62 0.46 0.00	26.52 0.51 0.00	25.43 0.47 0.00	28.97 0.54 0.00	29.58 0.44 0.00	34.15 0.37 0.00	36.63 0.74 0.00	29.89 0.63 0.00	27.44 0.59 0.00	24.51 0.55 0.00	24.84 0.51 0.00	24.40 0.46 0.00
ALLEGHENY___COGEN 23514	19.35 -0.22 0.00	19.24 -0.14 0.00	20.42 -0.11 0.00	19.97 -0.07 0.00	19.69 0.10 0.00	20.38 0.12 0.00	24.03 0.18 0.00	24.71 0.18 0.00	22.61 -0.02 0.00	22.27 -0.02 0.00	23.17 -0.10 0.00	27.30 -0.23 0.00	24.93 -0.24 0.00	25.79 -0.23 0.00	24.87 -0.09 0.00	28.56 0.13 0.00	29.08 -0.07 0.00	33.73 -0.05 0.00	35.96 0.06 0.00	29.38 0.11 0.00	26.89 0.04 0.00	24.06 0.10 0.00	24.80 0.47 0.00	24.51 0.58 0.00
ALTAMONT_115KV_TB 2 55880	19.77 0.20 0.00	19.57 0.19 0.00	20.72 0.19 0.00	20.25 0.20 0.00	19.78 0.19 0.00	20.50 0.24 0.00	24.15 0.30 0.00	24.91 0.38 0.00	23.02 0.39 0.00	22.66 0.37 0.00	23.66 0.39 0.00	28.03 0.50 0.00	25.63 0.46 0.00	26.49 0.47 0.00	25.42 0.46 0.00	28.93 0.51 0.00	29.73 0.59 0.00	34.46 0.69 0.00	36.54 0.65 0.00	29.74 0.48 0.00	27.28 0.44 0.00	24.31 0.35 0.00	24.60 0.27 0.00	24.16 0.23 0.00
ALTONA_WT_PWR 323606	20.42 0.84 0.00	20.19 0.81 0.00	21.39 0.86 0.00	20.86 0.81 0.00	20.35 0.76 0.00	21.02 0.76 0.00	24.82 0.97 0.00	25.51 0.98 0.00	23.50 0.87 0.00	23.15 0.86 0.00	24.18 0.90 0.00	28.66 1.12 0.00	26.17 1.00 0.00	27.06 1.04 0.00	25.86 0.90 0.00	29.41 0.99 0.00	30.07 0.93 0.00	34.84 1.07 0.00	37.12 1.22 0.00	30.30 1.04 0.00	27.86 1.01 0.00	24.86 0.90 0.00	25.21 0.89 0.00	24.78 0.84 0.00
AMERICAN_REF_FUEL 24010	18.12 -1.45 0.00	18.03 -1.35 0.00	19.22 -1.31 0.00	18.82 -1.23 0.00	18.53 -1.02 0.03	19.08 -1.18 0.00	22.27 -1.58 0.00	22.62 -1.91 0.00	20.56 -2.07 0.00	20.32 -1.97 0.00	21.22 -2.05 0.00	24.98 -2.55 0.00	22.83 -2.34 0.00	23.72 -2.30 0.00	22.71 -2.25 0.00	25.79 -2.49 0.15	26.26 -2.88 0.00	30.30 -3.48 0.00	32.07 -3.83 0.00	26.23 -3.04 0.00	24.19 -2.66 0.00	21.79 -2.17 0.00	22.90 -1.43 0.00	22.82 -1.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.49 -1.08 0.00	18.41 -0.97 0.00	19.66 -0.87 0.00	19.23 -0.82 0.00	18.92 -0.62 0.05	19.60 -0.66 0.00	22.99 -0.85 0.00	23.61 -0.92 0.00	21.46 -1.17 0.00	21.11 -1.18 0.00	22.24 -1.03 0.00	26.37 -1.15 0.00	24.25 -0.91 0.00	25.09 -0.93 0.00	24.05 -0.92 0.00	27.24 -0.97 0.21	28.06 -1.08 0.00	32.55 -1.23 0.00	34.45 -1.45 0.00	28.09 -1.17 0.00	25.79 -1.06 0.00	23.24 -0.72 0.00	24.17 -0.16 0.00	23.95 0.01 0.00
ARTHUR KILL_GT_1 23520	20.26 0.68 0.00	20.11 0.73 0.00	21.31 0.78 0.00	20.88 0.83 0.00	20.36 0.78 0.00	21.14 0.88 0.00	25.00 1.16 0.00	25.85 1.32 0.00	23.72 1.09 0.00	23.30 1.01 0.00	24.39 1.12 0.00	28.90 1.37 0.00	26.44 1.27 0.00	56.55 1.22 -29.31	53.74 1.18 -27.60	148.27 1.38 -118.47	321.19 1.62 -290.43	61.29 1.84 -25.68	99.11 1.84 -61.38	170.63 1.61 -139.75	61.04 1.28 -32.91	79.62 1.09 -54.58	25.26 0.92 -0.01	24.77 0.84 0.00
ARTHUR_KILL_2 23512	20.21 0.63 0.00	20.06 0.67 0.00	21.25 0.72 0.00	20.83 0.78 0.00	20.31 0.72 0.00	21.08 0.82 0.00	24.94 1.09 0.00	25.77 1.25 0.00	23.65 1.02 0.00	23.24 0.95 0.00	24.33 1.05 0.00	28.82 1.29 0.00	26.36 1.20 0.00	56.47 1.14 -29.31	53.68 1.12 -27.60	148.18 1.29 -118.47	321.09 1.52 -290.43	61.19 1.73 -25.68	99.00 1.73 -61.38	170.53 1.52 -139.75	60.94 1.19 -32.91	79.55 1.02 -54.58	25.18 0.84 -0.01	24.70 0.77 0.00
ARTHUR_KILL_3 23513	20.05 0.48 0.00	19.84 0.45 0.00	20.93 0.40 0.00	20.51 0.46 0.00	19.99 0.41 0.00	20.79 0.53 0.00	24.59 0.74 0.00	25.51 0.98 0.00	23.55 0.93 0.00	23.17 0.87 0.00	24.25 0.98 0.00	28.73 1.20 0.00	25.93 1.14 0.38	51.63 1.17 -24.44	49.85 1.15 -23.73	146.56 1.32 -116.82	319.79 1.48 -289.17	54.16 1.69 -18.69	88.84 1.74 -51.20	170.45 1.44 -139.74	59.88 1.20 -31.83	79.50 0.97 -54.57	25.10 0.76 -0.01	24.60 0.67 0.00

ARTHUR_KILL_COGEN 323718	20.26 0.68 0.00	20.11 0.73 0.00	21.31 0.78 0.00	20.88 0.83 0.00	20.36 0.78 0.00	21.14 0.88 0.00	25.00 1.16 0.00	25.85 1.32 0.00	23.72 1.09 0.00	23.30 1.01 0.00	24.39 1.12 0.00	28.90 1.37 0.00	26.44 1.27 0.00	56.55 1.22 -29.31	53.74 1.18 -27.60	148.27 1.38 -118.47	321.19 1.62 -290.43	61.29 1.84 -25.68	99.11 1.84 -61.38	170.63 1.61 -139.75	61.04 1.28 -32.91	79.62 1.09 -54.58	25.26 0.92 -0.01	24.77 0.84 0.00
ASHOKAN____ 23654	20.22 0.65 0.00	19.98 0.60 0.00	21.13 0.60 0.00	20.66 0.61 0.00	20.19 0.61 0.00	20.96 0.70 0.00	24.78 0.93 0.00	25.65 1.12 0.00	23.76 1.13 0.00	23.41 1.12 0.00	24.43 1.16 0.00	28.80 1.27 0.00	26.34 1.17 0.00	27.25 1.23 0.00	26.15 1.19 0.00	29.78 1.35 0.00	30.70 1.56 0.00	35.66 1.88 0.00	37.81 1.91 0.00	30.75 1.48 0.00	28.14 1.29 0.00	24.99 1.04 0.00	25.21 0.88 0.00	24.68 0.74 0.00
ASTORIA_EAST_ENERGY_CC1 323581	20.11 0.53 0.00	19.92 0.53 0.00	21.01 0.49 0.00	20.57 0.52 0.00	20.04 0.46 0.00	20.85 0.59 0.00	24.67 0.82 0.00	25.60 1.07 0.00	23.64 1.01 0.00	23.27 0.98 0.00	24.39 1.12 0.00	28.90 1.37 0.00	26.46 1.29 0.00	27.31 1.29 0.00	26.26 1.29 0.00	29.89 1.47 0.00	30.75 1.61 0.00	35.68 1.90 0.00	37.77 1.88 0.00	30.86 1.59 0.00	28.16 1.31 0.00	25.05 1.09 0.00	25.21 0.88 0.00	24.72 0.79 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.11 0.53 0.00	19.92 0.53 0.00	21.01 0.48 0.00	20.57 0.52 0.00	20.04 0.46 0.00	20.85 0.59 0.00	24.67 0.82 0.00	25.60 1.07 0.00	23.64 1.01 0.00	23.27 0.98 0.00	24.39 1.12 0.00	28.90 1.37 0.00	26.46 1.29 0.00	27.31 1.29 0.00	26.26 1.29 0.00	29.89 1.47 0.00	30.75 1.61 0.00	35.68 1.90 0.00	37.77 1.88 0.00	30.86 1.59 0.00	28.16 1.31 0.00	25.05 1.09 0.00	25.21 0.88 0.00	24.72 0.79 0.00
ASTORIA_GT2_1 24094	20.12 0.54 0.00	19.92 0.54 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.05 0.47 0.00	20.86 0.60 0.00	24.68 0.84 0.00	25.61 1.08 0.00	23.65 1.02 0.00	23.28 0.99 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.30 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.76 1.62 0.00	35.70 1.92 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.73 0.80 0.00
ASTORIA_GT2_2 24095	20.12 0.54 0.00	19.92 0.54 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.05 0.47 0.00	20.86 0.60 0.00	24.68 0.84 0.00	25.61 1.08 0.00	23.65 1.02 0.00	23.28 0.99 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.30 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.76 1.62 0.00	35.70 1.92 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.73 0.80 0.00
ASTORIA_GT2_3 24096	20.12 0.54 0.00	19.92 0.54 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.05 0.47 0.00	20.86 0.60 0.00	24.68 0.84 0.00	25.61 1.08 0.00	23.65 1.02 0.00	23.28 0.99 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.30 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.76 1.62 0.00	35.70 1.92 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.73 0.80 0.00
ASTORIA_GT2_4 24097	20.12 0.54 0.00	19.92 0.54 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.05 0.47 0.00	20.86 0.60 0.00	24.68 0.84 0.00	25.61 1.08 0.00	23.65 1.02 0.00	23.28 0.99 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.30 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.76 1.62 0.00	35.70 1.92 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.73 0.80 0.00
ASTORIA_GT3_1 24098	20.12 0.54 0.00	19.92 0.54 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.05 0.47 0.00	20.86 0.60 0.00	24.68 0.84 0.00	25.61 1.08 0.00	23.65 1.02 0.00	23.28 0.99 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.30 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.76 1.62 0.00	35.70 1.92 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.73 0.80 0.00
ASTORIA_GT3_2 24099	20.12 0.54 0.00	19.92 0.54 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.05 0.47 0.00	20.86 0.60 0.00	24.68 0.84 0.00	25.61 1.08 0.00	23.65 1.02 0.00	23.28 0.99 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.30 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.76 1.62 0.00	35.70 1.92 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.73 0.80 0.00
ASTORIA_GT3_3 24100	20.12 0.54 0.00	19.92 0.54 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.05 0.47 0.00	20.86 0.60 0.00	24.68 0.84 0.00	25.61 1.08 0.00	23.65 1.02 0.00	23.28 0.99 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.30 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.76 1.62 0.00	35.70 1.92 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.73 0.80 0.00
ASTORIA_GT3_4 24101	20.12 0.54 0.00	19.92 0.54 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.05 0.47 0.00	20.86 0.60 0.00	24.68 0.84 0.00	25.61 1.08 0.00	23.65 1.02 0.00	23.28 0.99 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.30 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.76 1.62 0.00	35.70 1.92 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.73 0.80 0.00
ASTORIA_GT4_1 24102	20.12 0.54 0.00	19.92 0.54 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.05 0.47 0.00	20.86 0.60 0.00	24.68 0.84 0.00	25.61 1.08 0.00	23.65 1.02 0.00	23.28 0.99 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.30 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.76 1.62 0.00	35.70 1.92 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.73 0.80 0.00
ASTORIA_GT4_2 24103	20.12 0.54 0.00	19.92 0.54 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.05 0.47 0.00	20.86 0.60 0.00	24.68 0.84 0.00	25.61 1.08 0.00	23.65 1.02 0.00	23.28 0.99 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.30 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.76 1.62 0.00	35.70 1.92 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.73 0.80 0.00
ASTORIA_GT4_3 24104	20.12 0.54 0.00	19.92 0.54 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.05 0.47 0.00	20.86 0.60 0.00	24.68 0.84 0.00	25.61 1.08 0.00	23.65 1.02 0.00	23.28 0.99 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.30 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.76 1.62 0.00	35.70 1.92 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.73 0.80 0.00

ASTORIA_GT4_4 24105	20.12 0.54 0.00	19.92 0.54 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.05 0.47 0.00	20.86 0.60 0.00	24.68 0.84 0.00	25.61 1.08 0.00	23.65 1.02 0.00	23.28 0.99 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.30 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.76 1.62 0.00	35.70 1.92 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.73 0.80 0.00
ASTORIA_GT_1 23523	20.15 0.57 0.00	19.95 0.57 0.00	21.05 0.52 0.00	20.61 0.56 0.00	20.08 0.49 0.00	20.89 0.63 0.00	24.72 0.87 0.00	25.66 1.13 0.00	23.69 1.06 0.00	23.32 1.03 0.00	24.45 1.18 0.00	28.98 1.45 0.00	26.53 1.36 0.00	27.37 1.35 0.00	26.32 1.36 0.00	29.96 1.54 0.00	30.82 1.68 0.00	35.77 1.99 0.00	37.85 1.95 0.00	30.94 1.67 0.00	28.22 1.37 0.00	25.11 1.15 0.00	25.27 0.94 0.00	24.77 0.84 0.00
ASTORIA_GT_10 24110	20.19 0.62 0.00	19.99 0.60 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.15 0.57 0.00	20.94 0.68 0.00	24.78 0.93 0.00	25.70 1.17 0.00	23.72 1.10 0.00	23.33 1.04 0.00	24.41 1.14 0.00	28.93 1.40 0.00	26.49 1.32 0.00	27.33 1.31 0.00	26.25 1.28 0.00	29.90 1.47 0.00	30.79 1.65 0.00	35.68 1.90 0.00	37.83 1.94 0.00	30.90 1.64 0.00	28.19 1.34 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.72 0.79 0.00
ASTORIA_GT_11 24225	20.19 0.62 0.00	19.99 0.60 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.15 0.57 0.00	20.94 0.68 0.00	24.78 0.93 0.00	25.70 1.17 0.00	23.72 1.10 0.00	23.33 1.04 0.00	24.41 1.14 0.00	28.93 1.40 0.00	26.49 1.32 0.00	27.33 1.31 0.00	26.25 1.28 0.00	29.90 1.47 0.00	30.79 1.65 0.00	35.68 1.90 0.00	37.83 1.94 0.00	30.90 1.64 0.00	28.19 1.34 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.72 0.79 0.00
ASTORIA_GT_12 24226	20.19 0.62 0.00	19.99 0.60 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.15 0.57 0.00	20.94 0.68 0.00	24.78 0.93 0.00	25.70 1.17 0.00	23.72 1.10 0.00	23.33 1.04 0.00	24.41 1.14 0.00	28.93 1.40 0.00	26.49 1.32 0.00	27.33 1.31 0.00	26.25 1.28 0.00	29.90 1.47 0.00	30.79 1.65 0.00	35.68 1.90 0.00	37.83 1.94 0.00	30.90 1.64 0.00	28.19 1.34 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.72 0.79 0.00
ASTORIA_GT_13 24227	20.19 0.62 0.00	19.99 0.60 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.15 0.57 0.00	20.94 0.68 0.00	24.78 0.93 0.00	25.70 1.17 0.00	23.72 1.10 0.00	23.33 1.04 0.00	24.41 1.14 0.00	28.93 1.40 0.00	26.49 1.32 0.00	27.33 1.31 0.00	26.25 1.28 0.00	29.90 1.47 0.00	30.79 1.65 0.00	35.68 1.90 0.00	37.83 1.94 0.00	30.90 1.64 0.00	28.19 1.34 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.72 0.79 0.00
ASTORIA_GT_5 24106	20.15 0.57 0.00	19.96 0.57 0.00	21.05 0.53 0.00	20.61 0.56 0.00	20.08 0.50 0.00	20.90 0.64 0.00	24.72 0.87 0.00	25.66 1.13 0.00	23.69 1.06 0.00	23.32 1.03 0.00	24.45 1.19 0.00	28.97 1.44 0.00	26.54 1.37 0.00	27.38 1.36 0.00	26.31 1.35 0.00	29.97 1.54 0.00	30.82 1.68 0.00	35.77 1.99 0.00	37.85 1.95 0.00	30.94 1.67 0.00	28.22 1.37 0.00	25.10 1.15 0.00	25.27 0.94 0.00	24.77 0.84 0.00
ASTORIA_GT_7 24107	20.15 0.57 0.00	19.96 0.57 0.00	21.05 0.53 0.00	20.61 0.56 0.00	20.08 0.50 0.00	20.90 0.64 0.00	24.72 0.87 0.00	25.66 1.13 0.00	23.69 1.06 0.00	23.32 1.03 0.00	24.45 1.19 0.00	28.97 1.44 0.00	26.54 1.37 0.00	27.38 1.36 0.00	26.31 1.35 0.00	29.97 1.54 0.00	30.82 1.68 0.00	35.77 1.99 0.00	37.85 1.95 0.00	30.94 1.67 0.00	28.22 1.37 0.00	25.10 1.15 0.00	25.27 0.94 0.00	24.77 0.84 0.00
ASTORIA_GT_8 24108	20.15 0.57 0.00	19.96 0.57 0.00	21.05 0.53 0.00	20.61 0.56 0.00	20.08 0.50 0.00	20.90 0.64 0.00	24.72 0.87 0.00	25.66 1.13 0.00	23.69 1.06 0.00	23.32 1.03 0.00	24.45 1.19 0.00	28.97 1.44 0.00	26.54 1.37 0.00	27.38 1.36 0.00	26.31 1.35 0.00	29.97 1.54 0.00	30.82 1.68 0.00	35.77 1.99 0.00	37.85 1.95 0.00	30.94 1.67 0.00	28.22 1.37 0.00	25.10 1.15 0.00	25.27 0.94 0.00	24.77 0.84 0.00
ASTORIA___2 24149	20.12 0.54 0.00	19.92 0.54 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.05 0.47 0.00	20.86 0.60 0.00	24.68 0.84 0.00	25.62 1.08 0.00	23.65 1.02 0.00	23.28 0.99 0.00	24.40 1.13 0.00	28.92 1.39 0.00	26.48 1.31 0.00	27.32 1.30 0.00	26.27 1.31 0.00	29.90 1.48 0.00	30.76 1.62 0.00	35.70 1.93 0.00	37.78 1.89 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.73 0.80 0.00
ASTORIA___3 23516	20.19 0.62 0.00	19.98 0.60 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.14 0.56 0.00	20.94 0.68 0.00	24.77 0.93 0.00	25.70 1.17 0.00	23.72 1.10 0.00	23.33 1.04 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.31 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.79 1.65 0.00	35.68 1.90 0.00	37.83 1.94 0.00	30.90 1.64 0.00	28.20 1.35 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.72 0.79 0.00
ASTORIA___4 23517	20.19 0.62 0.00	19.99 0.60 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.15 0.57 0.00	20.94 0.68 0.00	24.78 0.93 0.00	25.70 1.17 0.00	23.72 1.10 0.00	23.33 1.04 0.00	24.41 1.14 0.00	28.93 1.40 0.00	26.49 1.32 0.00	27.33 1.31 0.00	26.25 1.28 0.00	29.90 1.47 0.00	30.79 1.65 0.00	35.68 1.90 0.00	37.83 1.94 0.00	30.90 1.64 0.00	28.19 1.34 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.72 0.79 0.00
ASTORIA___5 23518	20.19 0.62 0.00	19.98 0.60 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.14 0.56 0.00	20.94 0.68 0.00	24.77 0.93 0.00	25.70 1.17 0.00	23.72 1.10 0.00	23.33 1.04 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.31 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.79 1.65 0.00	35.68 1.90 0.00	37.83 1.94 0.00	30.90 1.64 0.00	28.20 1.35 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.72 0.79 0.00
AST_ENERGY_2_CC3 323677	20.12 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.86 0.60 0.00	24.66 0.81 0.00	25.58 1.05 0.00	23.61 0.98 0.00	23.23 0.94 0.00	24.32 1.05 0.00	28.82 1.29 0.00	26.39 1.22 0.00	27.25 1.23 0.00	26.18 1.21 0.00	29.82 1.39 0.00	30.70 1.55 0.00	35.55 1.77 0.00	37.72 1.83 0.00	30.78 1.52 0.00	28.11 1.26 0.00	24.97 1.02 0.00	25.15 0.82 0.00	24.65 0.72 0.00
AST_ENERGY_2_CC4 323678	20.12 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.86 0.60 0.00	24.66 0.81 0.00	25.58 1.05 0.00	23.61 0.98 0.00	23.23 0.94 0.00	24.32 1.05 0.00	28.82 1.29 0.00	26.39 1.22 0.00	27.25 1.23 0.00	26.18 1.21 0.00	29.82 1.39 0.00	30.70 1.55 0.00	35.55 1.77 0.00	37.72 1.83 0.00	30.78 1.52 0.00	28.11 1.26 0.00	24.97 1.02 0.00	25.15 0.82 0.00	24.65 0.72 0.00

ATHENS_STG_1 23668	19.86 0.28 0.00	19.65 0.27 0.00	20.80 0.27 0.00	20.34 0.28 0.00	19.86 0.27 0.00	20.59 0.33 0.00	24.29 0.44 0.00	25.09 0.56 0.00	23.17 0.54 0.00	22.80 0.51 0.00	23.84 0.57 0.00	28.24 0.71 0.00	25.83 0.66 0.00	26.68 0.67 0.00	25.62 0.66 0.00	29.16 0.74 0.00	29.98 0.84 0.00	34.75 0.98 0.00	36.86 0.97 0.00	30.03 0.77 0.00	27.51 0.67 0.00	24.50 0.55 0.00	24.77 0.44 0.00	24.33 0.39 0.00
ATHENS_STG_2 23670	19.86 0.28 0.00	19.65 0.27 0.00	20.80 0.27 0.00	20.34 0.28 0.00	19.86 0.27 0.00	20.59 0.33 0.00	24.29 0.44 0.00	25.09 0.56 0.00	23.17 0.54 0.00	22.80 0.51 0.00	23.84 0.57 0.00	28.24 0.71 0.00	25.83 0.66 0.00	26.68 0.67 0.00	25.62 0.66 0.00	29.16 0.74 0.00	29.98 0.84 0.00	34.75 0.98 0.00	36.86 0.97 0.00	30.03 0.77 0.00	27.51 0.67 0.00	24.50 0.55 0.00	24.77 0.44 0.00	24.33 0.39 0.00
ATHENS_STG_3 23677	19.86 0.28 0.00	19.65 0.27 0.00	20.80 0.27 0.00	20.34 0.28 0.00	19.86 0.27 0.00	20.59 0.33 0.00	24.29 0.44 0.00	25.09 0.56 0.00	23.17 0.54 0.00	22.80 0.51 0.00	23.84 0.57 0.00	28.24 0.71 0.00	25.83 0.66 0.00	26.68 0.67 0.00	25.62 0.66 0.00	29.16 0.74 0.00	29.98 0.84 0.00	34.75 0.98 0.00	36.86 0.97 0.00	30.03 0.77 0.00	27.51 0.67 0.00	24.50 0.55 0.00	24.77 0.44 0.00	24.33 0.39 0.00
AUBURN___LFGE 323710	19.36 -0.22 0.00	19.18 -0.20 0.00	20.32 -0.21 0.00	19.87 -0.18 0.00	19.45 -0.14 0.00	20.13 -0.13 0.00	23.67 -0.18 0.00	24.33 -0.20 0.00	22.41 -0.21 0.00	22.07 -0.22 0.00	23.04 -0.23 0.00	27.22 -0.31 0.00	24.87 -0.30 0.00	25.70 -0.32 0.00	24.67 -0.29 0.00	28.14 -0.28 0.00	28.83 -0.31 0.00	33.43 -0.34 0.00	35.49 -0.41 0.00	28.97 -0.29 0.00	26.57 -0.28 0.00	23.71 -0.24 0.00	24.22 -0.11 0.00	23.85 -0.08 0.00
BABYLON_RES_REC 323704	20.60 1.03 0.00	20.36 0.98 0.00	21.49 0.96 0.00	20.98 0.93 0.00	20.50 0.91 0.00	21.33 1.07 0.00	25.29 1.44 0.00	26.13 1.60 0.00	24.18 1.56 0.00	23.78 1.49 0.00	31.27 1.75 -6.25	31.69 2.11 -2.05	29.42 1.94 -2.31	34.81 2.00 -6.79	27.68 1.90 -0.81	30.70 2.17 -0.10	44.77 2.42 -13.21	52.30 2.80 -15.72	38.73 2.83 0.00	31.49 2.23 0.00	29.19 2.03 -0.30	25.59 1.64 0.00	25.79 1.46 0.00	25.40 1.47 0.00
BABYLON__69_KV_BK2 356345	20.82 1.24 0.00	20.57 1.18 0.00	21.70 1.17 0.00	21.18 1.13 0.00	20.71 1.12 0.00	21.55 1.29 0.00	25.56 1.71 0.00	26.40 1.87 0.00	24.44 1.81 0.00	24.03 1.74 0.00	31.57 2.05 -6.25	32.02 2.44 -2.05	29.73 2.25 -2.31	35.13 2.32 -6.79	27.96 2.19 -0.81	31.04 2.51 -0.10	45.13 2.78 -13.21	52.71 3.21 -15.72	39.18 3.28 0.00	31.87 2.60 0.00	29.54 2.39 -0.30	25.89 1.93 0.00	26.08 1.75 0.00	25.69 1.76 0.00
BALL_HILL_WT_PWR 323825	18.59 -0.98 0.00	18.49 -0.89 0.00	19.69 -0.84 0.00	19.28 -0.77 0.00	18.97 -0.58 0.04	19.60 -0.66 0.00	22.98 -0.86 0.00	23.58 -0.95 0.00	21.46 -1.17 0.00	21.16 -1.13 0.00	22.12 -1.15 0.00	26.10 -1.42 0.00	23.92 -1.25 0.00	24.78 -1.23 0.00	23.75 -1.22 0.00	26.95 -1.29 0.19	27.57 -1.57 0.00	31.94 -1.84 0.00	33.85 -2.04 0.00	27.70 -1.56 0.00	25.43 -1.42 0.00	22.92 -1.04 0.00	23.85 -0.48 0.00	23.64 -0.29 0.00
BARON_WINDS___WT_PWR 323822	18.68 -0.89 0.00	18.59 -0.79 0.00	19.74 -0.79 0.00	19.32 -0.73 0.00	19.04 -0.57 -0.02	19.66 -0.60 0.00	23.09 -0.76 0.00	23.76 -0.77 0.00	21.74 -0.89 0.00	21.33 -0.96 0.00	22.28 -0.99 0.00	26.36 -1.17 0.00	24.10 -1.07 0.00	24.82 -1.20 0.00	23.78 -1.18 0.00	27.49 -1.04 -0.10	27.75 -1.39 0.00	32.18 -1.60 0.00	34.50 -1.39 0.00	28.27 -0.99 0.00	25.84 -1.01 0.00	23.23 -0.73 0.00	23.89 -0.44 0.00	23.61 -0.32 0.00
BARRETT_IC_1 23704	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.88 1.36 -6.25	31.21 1.63 -2.05	29.02 1.55 -2.31	34.36 1.55 -6.79	27.30 1.53 -0.81	30.26 1.72 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.22 0.00	25.41 1.08 0.00	24.98 1.05 0.00
BARRETT_IC_10 23701	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.88 1.36 -6.25	31.21 1.63 -2.05	29.02 1.55 -2.31	34.36 1.55 -6.79	27.30 1.53 -0.81	30.26 1.72 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.22 0.00	25.41 1.08 0.00	24.98 1.05 0.00
BARRETT_IC_11 23702	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.88 1.36 -6.25	31.21 1.63 -2.05	29.02 1.55 -2.31	34.36 1.55 -6.79	27.30 1.53 -0.81	30.26 1.72 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.22 0.00	25.41 1.08 0.00	24.98 1.05 0.00
BARRETT_IC_12 23703	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.88 1.36 -6.25	31.21 1.63 -2.05	29.02 1.55 -2.31	34.36 1.55 -6.79	27.30 1.53 -0.81	30.26 1.72 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.22 0.00	25.41 1.08 0.00	24.98 1.05 0.00
BARRETT_IC_2 23705	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.88 1.36 -6.25	31.21 1.63 -2.05	29.02 1.55 -2.31	34.36 1.55 -6.79	27.30 1.53 -0.81	30.26 1.72 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.22 0.00	25.41 1.08 0.00	24.98 1.05 0.00
BARRETT_IC_3 23706	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.88 1.36 -6.25	31.21 1.63 -2.05	29.02 1.55 -2.31	34.36 1.55 -6.79	27.30 1.53 -0.81	30.26 1.72 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.22 0.00	25.41 1.08 0.00	24.98 1.05 0.00
BARRETT_IC_4 23707	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.88 1.36 -6.25	31.21 1.63 -2.05	29.02 1.55 -2.31	34.36 1.55 -6.79	27.30 1.53 -0.81	30.26 1.72 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.22 0.00	25.41 1.08 0.00	24.98 1.05 0.00

BARRETT_IC_5 23708	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.88 1.36 -6.25	31.21 1.63 -2.05	29.02 1.55 -2.31	34.36 1.55 -6.79	27.30 1.53 -0.81	30.26 1.72 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.22 0.00	25.41 1.08 0.00	24.98 1.05 0.00
BARRETT_IC_6 23709	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.88 1.36 -6.25	31.21 1.63 -2.05	29.02 1.55 -2.31	34.36 1.55 -6.79	27.30 1.53 -0.81	30.26 1.72 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.22 0.00	25.41 1.08 0.00	24.98 1.05 0.00
BARRETT_IC_7 23710	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.89 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.89 1.37 -6.25	31.21 1.63 -2.05	29.03 1.55 -2.31	34.36 1.55 -6.79	27.30 1.52 -0.81	30.26 1.73 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.23 0.00	25.42 1.09 0.00	24.98 1.05 0.00
BARRETT_IC_8 23711	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.88 1.36 -6.25	31.21 1.63 -2.05	29.02 1.55 -2.31	34.36 1.55 -6.79	27.30 1.53 -0.81	30.26 1.72 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.22 0.00	25.41 1.08 0.00	24.98 1.05 0.00
BARRETT_IC_9 23700	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.88 1.36 -6.25	31.21 1.63 -2.05	29.02 1.55 -2.31	34.36 1.55 -6.79	27.30 1.53 -0.81	30.26 1.72 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.22 0.00	25.41 1.08 0.00	24.98 1.05 0.00
BARRETT___1 23545	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.88 1.36 -6.25	31.21 1.63 -2.05	29.02 1.55 -2.31	34.36 1.55 -6.79	27.30 1.53 -0.81	30.26 1.72 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.22 0.00	25.41 1.08 0.00	24.98 1.05 0.00
BARRETT___2 23546	20.27 0.70 0.00	20.06 0.67 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.03 0.77 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.17 0.00	23.42 1.13 0.00	30.88 1.36 -6.25	31.21 1.63 -2.05	29.02 1.55 -2.31	34.36 1.55 -6.79	27.30 1.53 -0.81	30.26 1.72 -0.10	44.22 1.87 -13.21	51.61 2.11 -15.72	38.03 2.13 0.00	30.97 1.71 0.00	28.68 1.53 -0.30	25.18 1.22 0.00	25.41 1.08 0.00	24.98 1.05 0.00
BATAVIA___115KV_TB1 55881	18.88 -0.70 0.00	18.76 -0.62 0.00	19.96 -0.57 0.00	19.53 -0.52 0.00	19.26 -0.33 0.00	19.84 -0.41 0.00	23.29 -0.56 0.00	23.79 -0.74 0.00	21.72 -0.90 0.00	21.49 -0.80 0.00	22.43 -0.84 0.00	26.41 -1.12 0.00	24.13 -1.03 0.00	25.05 -0.96 0.00	24.03 -0.93 0.00	27.46 -0.97 0.00	27.87 -1.27 0.00	32.21 -1.56 0.00	34.10 -1.80 0.00	27.85 -1.41 0.00	25.61 -1.24 0.00	22.99 -0.96 0.00	23.96 -0.37 0.00	23.76 -0.17 0.00
BAYONEEC___CTG1 323682	20.13 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.68 0.83 0.00	25.60 1.07 0.00	23.63 1.01 0.00	23.25 0.96 0.00	24.34 1.07 0.00	28.83 1.30 0.00	26.40 1.23 0.00	27.27 1.25 0.00	26.20 1.23 0.00	29.83 1.41 0.00	30.71 1.57 0.00	35.58 1.80 0.00	37.75 1.85 0.00	30.81 1.54 0.00	28.14 1.29 0.00	25.00 1.04 0.00	25.17 0.84 0.00	24.67 0.74 0.00
BAYONEEC___CTG10 323750	20.13 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.68 0.83 0.00	25.60 1.07 0.00	23.63 1.01 0.00	23.25 0.96 0.00	24.34 1.07 0.00	28.83 1.30 0.00	26.40 1.23 0.00	27.27 1.25 0.00	26.20 1.23 0.00	29.83 1.41 0.00	30.71 1.57 0.00	35.58 1.80 0.00	37.75 1.85 0.00	30.81 1.54 0.00	28.14 1.29 0.00	25.00 1.04 0.00	25.17 0.84 0.00	24.67 0.74 0.00
BAYONEEC___CTG2 323683	20.13 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.68 0.83 0.00	25.60 1.07 0.00	23.63 1.01 0.00	23.25 0.96 0.00	24.34 1.07 0.00	28.83 1.30 0.00	26.40 1.23 0.00	27.27 1.25 0.00	26.20 1.23 0.00	29.83 1.41 0.00	30.71 1.57 0.00	35.58 1.80 0.00	37.75 1.85 0.00	30.81 1.54 0.00	28.14 1.29 0.00	25.00 1.04 0.00	25.17 0.84 0.00	24.67 0.74 0.00
BAYONEEC___CTG3 323684	20.13 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.68 0.83 0.00	25.60 1.07 0.00	23.63 1.01 0.00	23.25 0.96 0.00	24.34 1.07 0.00	28.83 1.30 0.00	26.40 1.23 0.00	27.27 1.25 0.00	26.20 1.23 0.00	29.83 1.41 0.00	30.71 1.57 0.00	35.58 1.80 0.00	37.75 1.85 0.00	30.81 1.54 0.00	28.14 1.29 0.00	25.00 1.04 0.00	25.17 0.84 0.00	24.67 0.74 0.00
BAYONEEC___CTG4 323685	20.13 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.68 0.83 0.00	25.60 1.07 0.00	23.63 1.01 0.00	23.25 0.96 0.00	24.34 1.07 0.00	28.83 1.30 0.00	26.40 1.23 0.00	27.27 1.25 0.00	26.20 1.23 0.00	29.83 1.41 0.00	30.71 1.57 0.00	35.58 1.80 0.00	37.75 1.85 0.00	30.81 1.54 0.00	28.14 1.29 0.00	25.00 1.04 0.00	25.17 0.84 0.00	24.67 0.74 0.00
BAYONEEC___CTG5 323686	20.13 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.68 0.83 0.00	25.60 1.07 0.00	23.63 1.01 0.00	23.25 0.96 0.00	24.34 1.07 0.00	28.83 1.30 0.00	26.40 1.23 0.00	27.27 1.25 0.00	26.20 1.23 0.00	29.83 1.41 0.00	30.71 1.57 0.00	35.58 1.80 0.00	37.75 1.85 0.00	30.81 1.54 0.00	28.14 1.29 0.00	25.00 1.04 0.00	25.17 0.84 0.00	24.67 0.74 0.00
BAYONEEC___CTG6 323687	20.13 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.68 0.83 0.00	25.60 1.07 0.00	23.63 1.01 0.00	23.25 0.96 0.00	24.34 1.07 0.00	28.83 1.30 0.00	26.40 1.23 0.00	27.27 1.25 0.00	26.20 1.23 0.00	29.83 1.41 0.00	30.71 1.57 0.00	35.58 1.80 0.00	37.75 1.85 0.00	30.81 1.54 0.00	28.14 1.29 0.00	25.00 1.04 0.00	25.17 0.84 0.00	24.67 0.74 0.00

BAYONEEC___CTG7 323688	20.13 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.68 0.83 0.00	25.60 1.07 0.00	23.63 1.01 0.00	23.25 0.96 0.00	24.34 1.07 0.00	28.83 1.30 0.00	26.40 1.23 0.00	27.27 1.25 0.00	26.20 1.23 0.00	29.83 1.41 0.00	30.71 1.57 0.00	35.58 1.80 0.00	37.75 1.85 0.00	30.81 1.54 0.00	28.14 1.29 0.00	25.00 1.04 0.00	25.17 0.84 0.00	24.67 0.74 0.00
BAYONEEC___CTG8 323689	20.13 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.68 0.83 0.00	25.60 1.07 0.00	23.63 1.01 0.00	23.25 0.96 0.00	24.34 1.07 0.00	28.83 1.30 0.00	26.40 1.23 0.00	27.27 1.25 0.00	26.20 1.23 0.00	29.83 1.41 0.00	30.71 1.57 0.00	35.58 1.80 0.00	37.75 1.85 0.00	30.81 1.54 0.00	28.14 1.29 0.00	25.00 1.04 0.00	25.17 0.84 0.00	24.67 0.74 0.00
BAYONEEC___CTG9 323749	20.13 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.68 0.83 0.00	25.60 1.07 0.00	23.63 1.01 0.00	23.25 0.96 0.00	24.34 1.07 0.00	28.83 1.30 0.00	26.40 1.23 0.00	27.27 1.25 0.00	26.20 1.23 0.00	29.83 1.41 0.00	30.71 1.57 0.00	35.58 1.80 0.00	37.75 1.85 0.00	30.81 1.54 0.00	28.14 1.29 0.00	25.00 1.04 0.00	25.17 0.84 0.00	24.67 0.74 0.00
BEACON___LESR 323632	19.80 0.23 0.00	19.58 0.20 0.00	20.72 0.19 0.00	20.24 0.19 0.00	19.79 0.20 0.00	20.48 0.22 0.00	24.15 0.30 0.00	25.00 0.47 0.00	23.11 0.48 0.00	22.80 0.51 0.00	23.77 0.50 0.00	28.14 0.62 0.00	25.72 0.55 0.00	26.58 0.57 0.00	25.49 0.52 0.00	29.03 0.60 0.00	29.87 0.73 0.00	34.64 0.87 0.00	36.73 0.83 0.00	29.86 0.59 0.00	27.38 0.54 0.00	24.36 0.41 0.00	24.62 0.29 0.00	24.11 0.18 0.00
BEAVER RIVER___HYD 24048	19.46 -0.11 0.00	19.26 -0.12 0.00	20.49 -0.04 0.00	20.04 -0.01 0.00	19.59 0.00 0.00	20.29 0.03 0.00	23.93 0.08 0.00	24.64 0.11 0.00	22.82 0.19 0.00	22.45 0.16 0.00	23.36 0.09 0.00	27.74 0.21 0.00	25.32 0.15 0.00	26.12 0.10 0.00	25.01 0.04 0.00	28.44 0.01 0.00	29.14 -0.01 0.00	33.72 -0.05 0.00	35.81 -0.08 0.00	29.17 -0.10 0.00	26.67 -0.17 0.00	23.67 -0.29 0.00	23.81 -0.53 0.00	23.42 -0.52 0.00
BEEBEE_GT_13 23619	18.83 -0.75 0.00	18.69 -0.69 0.00	19.87 -0.66 0.00	19.43 -0.62 0.00	19.10 -0.49 0.00	19.70 -0.56 0.00	23.16 -0.69 0.00	23.73 -0.80 0.00	21.76 -0.87 0.00	21.47 -0.82 0.00	22.40 -0.87 0.00	26.42 -1.11 0.00	24.15 -1.02 0.00	25.04 -0.97 0.00	24.03 -0.94 0.00	27.42 -1.01 0.00	27.94 -1.21 0.00	32.30 -1.48 0.00	34.23 -1.67 0.00	27.93 -1.33 0.00	25.68 -1.17 0.00	23.01 -0.95 0.00	23.77 -0.56 0.00	23.52 -0.41 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.39 0.82 0.00	20.19 0.81 0.00	21.32 0.79 0.00	20.88 0.83 0.00	20.37 0.78 0.00	21.18 0.92 0.00	25.07 1.22 0.00	25.98 1.45 0.00	23.94 1.32 0.00	23.54 1.25 0.00	24.65 1.38 0.00	29.21 1.68 0.00	26.74 1.57 0.00	56.90 1.57 -29.31	54.08 1.52 -27.60	151.45 1.74 -121.28	322.43 1.96 -291.33	62.56 2.24 -26.54	101.01 2.29 -62.83	170.97 1.96 -139.75	61.37 1.62 -32.91	79.89 1.36 -54.58	25.50 1.16 -0.01	24.99 1.05 0.00
BETHLEHEM___GRP 23843	19.51 -0.06 0.00	19.32 -0.07 0.00	20.44 -0.09 0.00	19.98 -0.07 0.00	19.52 -0.07 0.00	20.21 -0.05 0.00	23.78 -0.07 0.00	24.54 0.01 0.00	22.71 0.08 0.00	22.35 0.06 0.00	23.32 0.05 0.00	27.64 0.11 0.00	25.28 0.11 0.00	26.13 0.11 0.00	25.07 0.10 0.00	28.53 0.11 0.00	29.32 0.18 0.00	33.99 0.21 0.00	36.01 0.12 0.00	29.29 0.03 0.00	26.89 0.04 0.00	23.95 -0.01 0.00	24.22 -0.11 0.00	23.78 -0.15 0.00
BETHLEHEM___GS1 323560	19.51 -0.06 0.00	19.32 -0.07 0.00	20.44 -0.09 0.00	19.98 -0.07 0.00	19.52 -0.06 0.00	20.21 -0.05 0.00	23.78 -0.07 0.00	24.54 0.01 0.00	22.71 0.08 0.00	22.35 0.06 0.00	23.32 0.06 0.00	27.64 0.11 0.00	25.28 0.11 0.00	26.13 0.11 0.00	25.07 0.11 0.00	28.53 0.11 0.00	29.32 0.18 0.00	33.99 0.21 0.00	36.01 0.12 0.00	29.29 0.03 0.00	26.89 0.04 0.00	23.95 -0.01 0.00	24.22 -0.11 0.00	23.78 -0.15 0.00
BETHLEHEM___GS2 323561	19.51 -0.06 0.00	19.32 -0.07 0.00	20.44 -0.09 0.00	19.98 -0.07 0.00	19.52 -0.06 0.00	20.21 -0.05 0.00	23.78 -0.07 0.00	24.54 0.01 0.00	22.71 0.08 0.00	22.35 0.06 0.00	23.32 0.06 0.00	27.64 0.11 0.00	25.28 0.11 0.00	26.13 0.11 0.00	25.07 0.11 0.00	28.53 0.11 0.00	29.32 0.18 0.00	33.99 0.21 0.00	36.01 0.12 0.00	29.29 0.03 0.00	26.89 0.04 0.00	23.95 -0.01 0.00	24.22 -0.11 0.00	23.78 -0.15 0.00
BETHLEHEM___GS3 323562	19.51 -0.06 0.00	19.32 -0.07 0.00	20.44 -0.09 0.00	19.98 -0.07 0.00	19.52 -0.06 0.00	20.21 -0.05 0.00	23.78 -0.07 0.00	24.54 0.01 0.00	22.71 0.08 0.00	22.35 0.06 0.00	23.32 0.06 0.00	27.64 0.11 0.00	25.28 0.11 0.00	26.13 0.11 0.00	25.07 0.11 0.00	28.53 0.11 0.00	29.32 0.18 0.00	33.99 0.21 0.00	36.01 0.12 0.00	29.29 0.03 0.00	26.89 0.04 0.00	23.95 -0.01 0.00	24.22 -0.11 0.00	23.78 -0.15 0.00
BETHLEHEM___STEEL 23779	18.68 -0.90 0.00	18.57 -0.81 0.00	19.78 -0.75 0.00	19.36 -0.69 0.00	19.10 -0.48 0.00	19.65 -0.60 0.00	23.05 -0.80 0.00	23.58 -0.95 0.00	21.48 -1.15 0.00	21.21 -1.08 0.00	22.13 -1.14 0.00	26.08 -1.45 0.00	23.85 -1.31 0.00	24.74 -1.27 0.00	23.72 -1.25 0.00	27.11 -1.32 0.00	27.47 -1.68 0.00	31.75 -2.03 0.00	33.65 -2.24 0.00	27.54 -1.72 0.00	25.33 -1.52 0.00	22.81 -1.15 0.00	23.79 -0.54 0.00	23.62 -0.31 0.00
BETHLHEM_115KV_TB1 79974	19.57 -0.01 0.00	19.37 -0.02 0.00	20.49 -0.04 0.00	20.03 -0.01 0.00	19.57 -0.01 0.00	20.27 0.01 0.00	23.86 0.01 0.00	24.62 0.09 0.00	22.78 0.15 0.00	22.42 0.12 0.00	23.39 0.12 0.00	27.72 0.20 0.00	25.35 0.18 0.00	26.20 0.18 0.00	25.14 0.17 0.00	28.62 0.19 0.00	29.41 0.27 0.00	34.09 0.31 0.00	36.12 0.22 0.00	29.38 0.12 0.00	26.97 0.12 0.00	24.03 0.07 0.00	24.30 -0.03 0.00	23.85 -0.08 0.00
BETHPAGE_CC_5 323564	20.53 0.96 0.00	20.29 0.91 0.00	21.41 0.88 0.00	20.91 0.87 0.00	20.43 0.85 0.00	21.26 1.00 0.00	25.21 1.36 0.00	26.03 1.51 0.00	24.09 1.46 0.00	23.69 1.40 0.00	31.16 1.64 -6.25	31.55 1.97 -2.05	29.30 1.83 -2.31	34.69 1.88 -6.79	27.57 1.79 -0.81	30.57 2.04 -0.10	44.64 2.29 -13.21	52.15 2.65 -15.72	38.55 2.66 0.00	31.37 2.11 0.00	29.07 1.91 -0.30	25.51 1.55 0.00	25.71 1.38 0.00	25.31 1.37 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.78 -0.80 0.00	18.68 -0.71 0.00	19.89 -0.64 0.00	19.47 -0.58 0.00	19.20 -0.39 0.00	19.77 -0.49 0.00	23.18 -0.67 0.00	23.73 -0.80 0.00	21.62 -1.00 0.00	21.35 -0.94 0.00	22.28 -0.99 0.00	26.25 -1.28 0.00	24.01 -1.16 0.00	24.90 -1.12 0.00	23.87 -1.10 0.00	27.28 -1.15 0.00	27.65 -1.49 0.00	31.96 -1.82 0.00	33.86 -2.04 0.00	27.74 -1.53 0.00	25.50 -1.34 0.00	22.96 -1.00 0.00	23.93 -0.40 0.00	23.76 -0.17 0.00

BINGHAMTON___COGEN 23790	19.34 -0.24 0.00	19.16 -0.22 0.00	20.30 -0.23 0.00	19.85 -0.20 0.00	19.44 -0.15 0.00	20.14 -0.12 0.00	23.71 -0.14 0.00	24.47 -0.06 0.00	22.52 -0.11 0.00	22.15 -0.14 0.00	23.10 -0.17 0.00	27.30 -0.23 0.00	24.98 -0.19 0.00	25.78 -0.24 0.00	24.73 -0.23 0.00	28.23 -0.19 0.00	28.90 -0.24 0.00	33.56 -0.21 0.00	35.65 -0.24 0.00	29.13 -0.13 0.00	26.66 -0.19 0.00	23.84 -0.11 0.00	24.31 -0.03 0.00	23.87 -0.06 0.00
BIXINCNT_115KV_LOAD 355685	19.00 -0.57 0.00	18.94 -0.44 0.00	20.14 -0.39 0.00	19.75 -0.30 0.00	19.51 -0.08 0.00	20.09 -0.16 0.00	23.62 -0.22 0.00	24.33 -0.20 0.00	22.19 -0.44 0.00	21.81 -0.48 0.00	22.64 -0.63 0.00	26.62 -0.91 0.00	24.45 -0.72 0.00	25.34 -0.68 0.00	24.25 -0.71 0.00	27.69 -0.74 0.00	28.05 -1.09 0.00	32.44 -1.33 0.00	34.01 -1.89 0.00	28.47 -0.79 0.00	26.11 -0.74 0.00	23.47 -0.49 0.00	24.44 0.11 0.00	24.24 0.30 0.00
BLACK RIVER___HYD 24047	19.32 -0.25 0.00	19.12 -0.27 0.00	20.34 -0.19 0.00	19.90 -0.15 0.00	19.47 -0.12 0.00	20.20 -0.06 0.00	23.83 -0.02 0.00	24.54 0.01 0.00	22.75 0.12 0.00	22.36 0.07 0.00	23.27 0.00 0.00	27.63 0.10 0.00	25.24 0.08 0.00	26.05 0.03 0.00	24.94 -0.02 0.00	28.39 -0.04 0.00	29.12 -0.02 0.00	33.73 -0.05 0.00	35.72 -0.17 0.00	29.06 -0.21 0.00	26.50 -0.35 0.00	23.56 -0.39 0.00	23.74 -0.59 0.00	23.31 -0.62 0.00
BLACKRVR_115KV_TB2 79977	19.32 -0.25 0.00	19.12 -0.27 0.00	20.34 -0.19 0.00	19.89 -0.16 0.00	19.47 -0.12 0.00	20.20 -0.06 0.00	23.83 -0.02 0.00	24.54 0.01 0.00	22.75 0.12 0.00	22.36 0.07 0.00	23.26 -0.01 0.00	27.63 0.10 0.00	25.24 0.08 0.00	26.05 0.03 0.00	24.94 -0.02 0.00	28.39 -0.03 0.00	29.12 -0.02 0.00	33.73 -0.05 0.00	35.73 -0.17 0.00	29.06 -0.21 0.00	26.50 -0.35 0.00	23.56 -0.39 0.00	23.74 -0.58 0.00	23.31 -0.62 0.00
BLISS_WT_PWR 323608	18.96 -0.62 0.00	18.91 -0.47 0.00	20.11 -0.42 0.00	19.73 -0.32 0.00	19.44 -0.09 0.05	20.08 -0.18 0.00	23.61 -0.24 0.00	24.33 -0.20 0.00	22.19 -0.44 0.00	21.79 -0.50 0.00	22.62 -0.65 0.00	26.58 -0.95 0.00	24.43 -0.73 0.00	25.33 -0.69 0.00	24.23 -0.73 0.23	27.42 -0.77 0.00	28.01 -1.14 0.00	32.38 -1.40 0.00	33.81 -2.08 0.00	28.49 -0.78 0.00	26.11 -0.74 0.00	23.46 -0.49 0.00	24.44 0.11 0.00	24.25 0.32 0.00
BLUESTONE___WT_PWR 323821	19.55 -0.03 0.00	19.37 -0.02 0.00	20.49 -0.04 0.00	20.03 -0.02 0.00	19.68 0.09 -0.01	20.57 0.31 0.00	24.40 0.55 0.00	25.11 0.58 0.00	23.23 0.61 0.00	22.66 0.38 0.00	23.46 0.19 0.00	27.81 0.28 0.00	25.28 0.11 0.00	25.93 -0.09 0.00	24.87 -0.10 0.00	28.45 -0.01 -0.03	29.12 -0.02 0.00	34.06 0.29 0.00	35.88 -0.02 0.00	29.46 0.19 0.00	27.16 0.31 0.00	24.22 0.26 0.00	24.76 0.43 0.00	24.25 0.31 0.00
BLUE_CIRC_CHEM_DRP 24182	19.84 0.26 0.00	19.64 0.25 0.00	20.79 0.25 0.00	20.32 0.27 0.00	19.85 0.26 0.00	20.54 0.28 0.00	24.19 0.34 0.00	24.94 0.41 0.00	23.05 0.42 0.00	22.68 0.39 0.00	23.66 0.39 0.00	28.03 0.50 0.00	25.63 0.46 0.00	26.48 0.46 0.00	25.41 0.44 0.00	28.93 0.50 0.00	29.72 0.58 0.00	34.45 0.68 0.00	36.53 0.63 0.00	29.72 0.46 0.00	27.28 0.44 0.00	24.31 0.35 0.00	24.61 0.28 0.00	24.17 0.24 0.00
BOC_GAS_DRP 24189	19.70 0.13 0.00	19.50 0.11 0.00	20.64 0.11 0.00	20.18 0.13 0.00	19.71 0.12 0.00	20.41 0.15 0.00	24.05 0.20 0.00	24.80 0.27 0.00	22.92 0.29 0.00	22.56 0.27 0.00	23.56 0.29 0.00	27.91 0.38 0.00	25.53 0.36 0.00	26.37 0.36 0.00	25.31 0.35 0.00	28.81 0.38 0.00	29.60 0.46 0.00	34.31 0.53 0.00	36.38 0.48 0.00	29.62 0.35 0.00	27.18 0.33 0.00	24.21 0.25 0.00	24.50 0.17 0.00	24.07 0.14 0.00
BOONVILLE_115KV_TB1 79983	19.78 0.21 0.00	19.58 0.20 0.00	20.79 0.25 0.00	20.31 0.26 0.00	19.87 0.28 0.00	20.59 0.34 0.00	24.29 0.44 0.00	25.03 0.51 0.00	23.16 0.54 0.00	22.81 0.52 0.00	23.76 0.49 0.00	28.16 0.64 0.00	25.74 0.57 0.00	26.54 0.52 0.00	25.45 0.48 0.00	28.96 0.54 0.00	29.72 0.58 0.00	34.43 0.66 0.00	36.53 0.63 0.00	29.76 0.49 0.00	27.26 0.40 0.00	24.22 0.26 0.00	24.45 0.12 0.00	24.03 0.10 0.00
BORALEX_4TH_BRANCH 23824	20.11 0.54 0.00	19.97 0.59 0.00	21.16 0.63 0.00	20.68 0.63 0.00	20.17 0.58 0.00	20.88 0.62 0.00	24.53 0.68 0.00	25.36 0.83 0.00	23.44 0.82 0.00	23.10 0.81 0.00	24.12 0.85 0.00	28.65 1.12 0.00	26.17 1.00 0.00	27.04 1.03 0.00	25.94 0.98 0.00	29.52 1.09 0.00	30.23 1.09 0.00	35.05 1.28 0.00	37.05 1.14 0.00	30.03 0.76 0.00	27.72 0.87 0.00	24.70 0.74 0.00	24.97 0.63 0.00	24.53 0.60 0.00
BOWLINE___1 23526	20.01 0.43 0.00	19.80 0.42 0.00	20.93 0.39 0.00	20.47 0.42 0.00	19.99 0.40 0.00	20.77 0.51 0.00	24.55 0.71 0.00	25.42 0.90 0.00	23.46 0.83 0.00	23.06 0.76 0.00	24.14 0.87 0.00	28.59 1.06 0.00	26.17 1.00 0.00	27.01 1.00 0.00	25.95 0.99 0.00	29.55 1.13 0.00	30.44 1.29 0.00	35.29 1.51 0.00	37.42 1.53 0.00	30.53 1.26 0.00	27.91 1.06 0.00	24.81 0.86 0.00	25.04 0.71 0.00	24.58 0.64 0.00
BOWLINE___2 23595	20.01 0.43 0.00	19.80 0.42 0.00	20.93 0.39 0.00	20.47 0.42 0.00	19.99 0.41 0.00	20.77 0.51 0.00	24.55 0.71 0.00	25.42 0.90 0.00	23.46 0.83 0.00	23.06 0.76 0.00	24.14 0.87 0.00	28.59 1.06 0.00	26.17 1.00 0.00	27.01 1.00 0.00	25.95 0.99 0.00	29.55 1.13 0.00	30.44 1.29 0.00	35.29 1.51 0.00	37.42 1.53 0.00	30.53 1.26 0.00	27.91 1.06 0.00	24.82 0.86 0.00	25.04 0.71 0.00	24.58 0.64 0.00
BRADY___115KV_TB2 356060	20.26 0.68 0.00	20.06 0.68 0.00	21.27 0.74 0.00	20.77 0.72 0.00	20.25 0.67 0.00	20.84 0.58 0.00	24.59 0.74 0.00	25.23 0.70 0.00	23.24 0.62 0.00	22.94 0.65 0.00	23.94 0.67 0.00	28.30 0.77 0.00	25.83 0.66 0.00	26.73 0.71 0.00	25.64 0.67 0.00	29.22 0.79 0.00	29.85 0.70 0.00	34.45 0.68 0.00	36.95 1.05 0.00	30.14 0.88 0.00	27.66 0.81 0.00	24.69 0.74 0.00	24.99 0.66 0.00	24.53 0.60 0.00
BRANSCOMB___SOLAR 323811	20.17 0.60 0.00	19.96 0.58 0.00	21.14 0.61 0.00	20.65 0.61 0.00	20.17 0.59 0.00	20.94 0.68 0.00	24.72 0.87 0.00	25.55 1.02 0.00	23.63 1.01 0.00	23.27 0.98 0.00	24.30 1.03 0.00	28.76 1.23 0.00	26.30 1.13 0.00	27.17 1.16 0.00	26.05 1.08 0.00	29.67 1.24 0.00	30.57 1.42 0.00	35.46 1.69 0.00	37.53 1.63 0.00	30.42 1.15 0.00	27.90 1.05 0.00	24.84 0.89 0.00	25.10 0.77 0.00	24.64 0.71 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.75 1.17 0.00	20.51 1.13 0.00	21.64 1.11 0.00	21.12 1.07 0.00	20.64 1.05 0.00	21.49 1.23 0.00	25.47 1.63 0.00	26.29 1.77 0.00	24.35 1.72 0.00	23.94 1.65 0.00	31.47 1.95 -6.25	31.89 2.31 -2.05	29.63 2.16 -2.31	35.01 2.20 -6.79	27.86 2.09 -0.81	30.93 2.40 -0.10	44.98 2.63 -13.21	52.45 2.95 -15.72	38.95 3.05 0.00	31.69 2.43 0.00	29.37 2.21 -0.30	25.76 1.80 0.00	25.97 1.64 0.00	25.60 1.67 0.00



BRISTLHL_115KV_TB1 79998	19.06 -0.52 0.00	18.88 -0.50 0.00	20.00 -0.53 0.00	19.54 -0.51 0.00	19.11 -0.48 0.00	19.75 -0.51 0.00	23.18 -0.66 0.00	23.80 -0.73 0.00	21.97 -0.66 0.00	21.63 -0.66 0.00	22.56 -0.71 0.00	26.65 -0.87 0.00	24.37 -0.80 0.00	25.20 -0.81 0.00	24.19 -0.78 0.00	27.56 -0.87 0.00	28.27 -0.88 0.00	32.78 -1.00 0.00	34.77 -1.13 0.00	28.35 -0.92 0.00	26.01 -0.84 0.00	23.23 -0.73 0.00	23.71 -0.62 0.00	23.36 -0.58 0.00
BROOKHAVEN___DRP 24191	20.78 1.20 0.00	20.53 1.15 0.00	21.66 1.13 0.00	21.14 1.09 0.00	20.66 1.08 0.00	21.51 1.25 0.00	25.47 1.62 0.00	26.17 1.64 0.00	24.25 1.62 0.00	23.77 1.48 0.00	31.32 1.80 -6.25	31.74 2.16 -2.05	29.41 1.93 -2.31	34.76 1.95 -6.79	27.53 1.76 -0.81	30.54 2.01 -0.10	44.68 2.33 -13.21	52.35 2.86 -15.72	38.70 2.80 0.00	31.35 2.09 0.00	29.23 2.08 -0.30	25.55 1.60 0.00	25.71 1.38 0.00	25.56 1.63 0.00
BROOKLYN_NAVY_YARD 23515	20.12 0.55 0.00	19.91 0.53 0.00	21.03 0.50 0.00	20.58 0.53 0.00	20.08 0.49 0.00	20.87 0.61 0.00	24.67 0.82 0.00	25.59 1.07 0.00	23.63 1.00 0.00	23.25 0.96 0.00	24.36 1.09 0.00	28.86 1.33 0.00	26.43 1.26 0.00	27.29 1.28 0.00	26.23 1.26 0.00	29.87 1.44 0.00	30.76 1.61 0.00	35.62 1.84 0.00	37.78 1.88 0.00	30.82 1.56 0.00	28.15 1.30 0.00	25.02 1.06 0.00	25.19 0.86 0.00	24.68 0.75 0.00
BROOKLYN___ARMY_DRP 323595	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
BROOKVLE_69_KV_TB1 55790	20.49 0.92 0.00	20.27 0.88 0.00	21.39 0.86 0.00	20.90 0.85 0.00	20.42 0.83 0.00	21.24 0.99 0.00	25.17 1.32 0.00	26.05 1.52 0.00	24.09 1.46 0.00	23.71 1.42 0.00	31.17 1.65 -6.25	31.56 1.98 -2.05	29.31 1.84 -2.31	34.69 1.88 -6.79	27.58 1.81 -0.81	30.59 2.06 -0.10	44.65 2.29 -13.21	52.10 2.60 -15.72	38.53 2.64 0.00	31.40 2.14 0.00	29.07 1.91 -0.30	25.51 1.55 0.00	25.70 1.37 0.00	25.25 1.32 0.00
BROOME_2_LFGE 323671	19.34 -0.23 0.00	19.16 -0.22 0.00	20.30 -0.23 0.00	19.85 -0.20 0.00	19.44 -0.15 -0.01	20.14 -0.12 0.00	23.71 -0.13 0.00	24.47 -0.06 0.00	22.51 -0.11 0.00	22.15 -0.14 0.00	23.10 -0.17 0.00	27.30 -0.23 0.00	24.98 0.00 0.00	25.78 0.00 0.00	24.74 -0.23 0.00	28.27 -0.19 -0.04	28.90 -0.24 0.00	33.56 -0.21 0.00	35.66 -0.24 0.00	29.13 -0.14 0.00	26.66 -0.19 0.00	23.84 -0.11 0.00	24.31 -0.03 0.00	23.87 -0.06 0.00
BROOME___LFGE 323600	19.34 -0.23 0.00	19.16 -0.22 0.00	20.30 -0.23 0.00	19.85 -0.20 0.00	19.44 -0.15 -0.01	20.14 -0.12 0.00	23.71 -0.13 0.00	24.47 -0.06 0.00	22.51 -0.11 0.00	22.15 -0.14 0.00	23.10 -0.17 0.00	27.30 -0.23 0.00	24.98 -0.19 0.00	25.78 -0.24 0.00	24.74 -0.23 0.00	28.27 -0.19 -0.04	28.90 -0.24 0.00	33.56 -0.21 0.00	35.66 -0.24 0.00	29.13 -0.14 0.00	26.66 -0.19 0.00	23.84 -0.11 0.00	24.31 -0.03 0.00	23.87 -0.06 0.00
BROWNFLS_115KV_TB_3_5 80003	19.42 -0.16 0.00	19.23 -0.16 0.00	20.43 -0.10 0.00	19.96 -0.09 0.00	19.48 -0.10 0.00	20.13 -0.13 0.00	23.75 -0.10 0.00	24.41 -0.12 0.00	22.56 -0.07 0.00	22.22 -0.07 0.00	23.16 -0.11 0.00	27.46 -0.07 0.00	25.07 -0.10 0.00	25.89 -0.13 0.00	24.80 -0.17 0.00	28.24 -0.19 0.00	28.89 -0.25 0.00	33.39 -0.38 0.00	35.63 -0.26 0.00	29.04 -0.23 0.00	26.60 -0.25 0.00	23.65 -0.31 0.00	23.84 -0.49 0.00	23.43 -0.51 0.00
BROWNSV1_27_KV_LOAD 356125	20.32 0.74 0.00	20.10 0.71 0.00	21.21 0.68 0.00	20.77 0.72 0.00	20.27 0.69 0.00	21.06 0.80 0.00	24.94 1.09 0.00	25.86 1.33 0.00	23.88 1.25 0.00	23.50 1.21 0.00	24.60 1.33 0.00	29.15 1.62 0.00	26.69 1.52 0.00	27.58 1.56 0.00	26.47 1.51 0.00	30.15 1.73 0.00	31.06 1.92 0.00	35.97 2.19 0.00	38.17 2.27 0.00	31.15 1.88 0.00	28.45 1.60 0.00	25.27 1.32 0.00	25.44 1.11 0.00	24.93 1.00 0.00
BURROWS___LYONSDAL 23803	19.71 0.13 0.00	19.51 0.12 0.00	20.73 0.20 0.00	20.25 0.20 0.00	19.81 0.22 0.00	20.53 0.27 0.00	24.22 0.37 0.00	24.96 0.43 0.00	23.10 0.47 0.00	22.73 0.44 0.00	23.67 0.40 0.00	28.08 0.55 0.00	25.64 0.48 0.00	26.45 0.43 0.00	25.35 0.38 0.00	28.83 0.41 0.00	29.56 0.42 0.00	34.25 0.47 0.00	36.33 0.43 0.00	29.60 0.33 0.00	27.11 0.26 0.00	24.06 0.10 0.00	24.26 -0.07 0.00	23.86 -0.07 0.00
CAITHNESS_CC_1 323624	20.73 1.15 0.00	20.47 1.09 0.00	21.60 1.07 0.00	21.09 1.04 0.00	20.61 1.02 0.00	21.45 1.19 0.00	25.40 1.55 0.00	26.11 1.58 0.00	24.20 1.57 0.00	23.74 1.44 0.00	31.26 1.74 -6.25	31.68 2.10 -2.05	29.37 1.89 -2.31	34.72 1.92 -6.79	27.53 1.75 -0.81	30.52 1.99 -0.10	44.65 2.30 -13.21	52.28 2.79 -15.72	38.63 2.73 0.00	31.32 2.06 0.00	29.18 2.02 -0.30	25.52 1.56 0.00	25.68 1.35 0.00	25.50 1.56 0.00
CALPINE BETH_PAGE_GT4 24209	20.49 0.92 0.00	20.26 0.87 0.00	21.37 0.84 0.00	20.88 0.83 0.00	20.40 0.81 0.00	21.22 0.96 0.00	25.16 1.31 0.00	25.98 1.45 0.00	24.02 1.39 0.00	23.63 1.33 0.00	31.10 1.58 -6.25	31.47 1.89 -2.05	29.24 1.76 -2.31	34.62 1.81 -6.79	27.49 1.72 -0.81	30.50 1.97 -0.10	44.56 2.21 -13.21	52.05 2.55 -15.72	38.45 2.55 0.00	31.30 2.04 0.00	28.99 1.84 -0.30	25.46 1.50 0.00	25.66 1.34 0.00	25.26 1.32 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.49 0.92 0.00	20.26 0.87 0.00	21.37 0.84 0.00	20.88 0.83 0.00	20.39 0.81 0.00	21.22 0.96 0.00	25.16 1.31 0.00	25.98 1.45 0.00	24.02 1.39 0.00	23.62 1.33 0.00	31.09 1.57 -6.25	31.47 1.89 -2.05	29.23 1.75 -2.31	34.61 1.80 -6.79	27.50 1.72 -0.81	30.50 1.96 -0.10	44.56 2.21 -13.21	52.05 2.55 -15.72	38.45 2.55 0.00	31.30 2.04 0.00	28.99 1.84 -0.30	25.46 1.50 0.00	25.67 1.33 0.00	25.25 1.32 0.00
CALPINE_BP_GT1 23823	20.49 0.92 0.00	20.26 0.87 0.00	21.37 0.84 0.00	20.88 0.83 0.00	20.39 0.81 0.00	21.22 0.96 0.00	25.16 1.31 0.00	25.98 1.45 0.00	24.02 1.39 0.00	23.62 1.33 0.00	31.09 1.57 -6.25	31.47 1.89 -2.05	29.23 1.75 -2.31	34.61 1.80 -6.79	27.50 1.72 -0.81	30.50 1.96 -0.10	44.56 2.21 -13.21	52.05 2.55 -15.72	38.45 2.55 0.00	31.30 2.04 0.00	28.99 1.84 -0.30	25.46 1.50 0.00	25.67 1.33 0.00	25.25 1.32 0.00
CALSPAN___DRP 24200	18.68 -0.90 0.00	18.57 -0.81 0.00	19.78 -0.75 0.00	19.36 -0.69 0.00	19.10 -0.48 0.00	19.65 -0.60 0.00	23.05 -0.80 0.00	23.58 -0.95 0.00	21.48 -1.15 0.00	21.21 -1.08 0.00	22.13 -1.14 0.00	26.08 -1.45 0.00	23.85 -1.31 0.00	24.74 -1.27 0.00	23.72 -1.25 0.00	27.11 -1.32 0.00	27.47 -1.68 0.00	31.75 -2.03 0.00	33.65 -2.24 0.00	27.54 -1.72 0.00	25.33 -1.52 0.00	22.81 -1.15 0.00	23.79 -0.54 0.00	23.62 -0.31 0.00

CALVERTON___SOLAR 323806	20.85 1.27 0.00	20.59 1.21 0.00	21.72 1.19 0.00	21.21 1.16 0.00	20.73 1.14 0.00	21.58 1.32 0.00	25.56 1.71 0.00	26.23 1.71 0.00	24.32 1.69 0.00	23.83 1.53 0.00	31.38 1.86 -6.25	31.81 2.23 -2.05	29.46 1.99 -2.31	34.82 2.01 -6.79	27.57 1.80 -0.81	30.59 2.06 -0.10	44.76 2.41 -13.21	52.47 2.98 -15.72	38.80 2.90 0.00	31.41 2.14 0.00	29.30 2.15 -0.30	25.61 1.65 0.00	25.75 1.43 0.00	25.63 1.70 0.00
CANDIGU_WT_PWR 323617	18.68 -0.89 0.00	18.59 -0.79 0.00	19.74 -0.79 0.00	19.32 -0.73 0.00	19.04 -0.57 -0.02	19.66 -0.60 0.00	23.09 -0.76 0.00	23.76 -0.77 0.00	21.74 -0.89 0.00	21.33 -0.96 0.00	22.28 -0.99 0.00	26.36 -1.17 0.00	24.10 -1.07 0.00	24.82 -1.20 0.00	23.78 -1.18 0.00	27.49 -1.04 -0.10	27.75 -1.39 0.00	32.18 -1.60 0.00	34.50 -1.39 0.00	28.27 -0.99 0.00	25.84 -1.01 0.00	23.23 -0.73 0.00	23.89 -0.44 0.00	23.61 -0.32 0.00
CARR STREET_E_SYR 24060	19.22 -0.36 0.00	19.03 -0.35 0.00	20.17 -0.36 0.00	19.71 -0.34 0.00	19.28 -0.31 0.00	19.93 -0.33 0.00	23.41 -0.44 0.00	24.05 -0.48 0.00	22.17 -0.46 0.00	21.78 -0.50 0.00	22.65 -0.62 0.00	26.76 -0.77 0.00	24.47 -0.70 0.00	25.29 -0.72 0.00	24.28 -0.69 0.00	27.67 -0.76 0.00	28.36 -0.78 0.00	32.88 -0.89 0.00	34.89 -1.01 0.00	28.55 -0.72 0.00	26.26 -0.59 0.00	23.46 -0.50 0.00	23.95 -0.38 0.00	23.60 -0.33 0.00
CARTHAGE___PAPER 23857	19.55 -0.03 0.00	19.35 -0.04 0.00	20.59 0.06 0.00	20.13 0.08 0.00	19.69 0.10 0.00	20.41 0.15 0.00	24.09 0.24 0.00	24.80 0.27 0.00	22.98 0.35 0.00	22.60 0.31 0.00	23.52 0.25 0.00	27.94 0.41 0.00	25.51 0.34 0.00	26.32 0.30 0.00	25.20 0.24 0.00	28.68 0.25 0.00	29.39 0.24 0.00	34.03 0.25 0.00	36.10 0.20 0.00	29.38 0.11 0.00	26.83 -0.02 0.00	23.83 -0.13 0.00	23.97 -0.35 0.00	23.55 -0.38 0.00
CASSADAGA_WT_PWR 323784	18.67 -0.91 0.00	18.57 -0.81 0.00	19.87 -0.66 0.00	19.44 -0.61 0.00	19.11 -0.43 0.05	19.84 -0.42 0.00	23.32 -0.53 0.00	23.88 -0.65 0.00	21.70 -0.93 0.00	21.37 -0.92 0.00	22.51 -0.76 0.00	26.70 -0.83 0.00	24.53 -0.64 0.00	25.38 -0.64 0.00	24.32 -0.65 0.00	27.55 -0.65 0.22	28.43 -0.72 0.00	32.95 -0.82 0.00	34.89 -1.01 0.00	28.47 -0.79 0.00	26.14 -0.71 0.00	23.53 -0.43 0.00	24.46 0.13 0.00	24.23 0.30 0.00
CE_DUNWOOD___DRP 24194	20.09 0.51 0.00	19.87 0.49 0.00	21.00 0.47 0.00	20.54 0.50 0.00	20.05 0.47 0.00	20.84 0.58 0.00	24.64 0.79 0.00	25.52 0.99 0.00	23.56 0.94 0.00	23.18 0.89 0.00	24.28 1.01 0.00	28.76 1.22 0.00	26.33 1.16 0.00	27.18 1.16 0.00	26.11 1.15 0.00	29.73 1.30 0.00	30.62 1.47 0.00	35.48 1.71 0.00	37.62 1.73 0.00	30.68 1.42 0.00	28.05 1.21 0.00	24.93 0.97 0.00	25.15 0.81 0.00	24.67 0.74 0.00
CE_MILLWOOD___DRP 24193	20.06 0.48 0.00	19.85 0.46 0.00	20.97 0.45 0.00	20.52 0.47 0.00	20.03 0.45 0.00	20.82 0.56 0.00	24.61 0.76 0.00	25.48 0.95 0.00	23.53 0.90 0.00	23.14 0.85 0.00	24.23 0.96 0.00	28.70 1.17 0.00	26.28 1.11 0.00	27.13 1.11 0.00	26.06 1.10 0.00	29.67 1.24 0.00	30.55 1.41 0.00	35.41 1.64 0.00	37.56 1.65 0.00	30.63 1.36 0.00	28.00 1.15 0.00	24.90 0.94 0.00	25.10 0.77 0.00	24.64 0.71 0.00
CE_NYC2_DRP 24202	20.21 0.63 0.00	20.00 0.61 0.00	21.10 0.57 0.00	20.66 0.62 0.00	20.16 0.58 0.00	20.96 0.70 0.00	24.79 0.95 0.00	25.72 1.19 0.00	23.74 1.12 0.00	23.35 1.06 0.00	24.43 1.17 0.00	28.95 1.42 0.00	26.51 1.34 0.00	27.35 1.34 0.00	26.27 1.31 0.00	29.93 1.50 0.00	30.81 1.67 0.00	35.70 1.93 0.00	37.87 1.97 0.00	30.93 1.67 0.00	28.21 1.37 0.00	25.08 1.12 0.00	25.24 0.92 0.00	24.74 0.81 0.00
CE_NYC_DRP 24195	20.14 0.57 0.00	19.92 0.54 0.00	21.04 0.51 0.00	20.60 0.55 0.00	20.10 0.51 0.00	20.89 0.63 0.00	24.71 0.86 0.00	25.63 1.10 0.00	23.66 1.04 0.00	23.28 0.99 0.00	24.38 1.11 0.00	28.88 1.35 0.00	26.44 1.27 0.00	27.30 1.29 0.00	26.22 1.26 0.00	29.87 1.44 0.00	30.76 1.61 0.00	35.63 1.85 0.00	37.79 1.90 0.00	30.84 1.58 0.00	28.17 1.32 0.00	25.02 1.07 0.00	25.20 0.87 0.00	24.70 0.76 0.00
CHAFFEE___LFGE 323603	18.70 -0.87 0.00	18.60 -0.79 0.00	19.80 -0.73 0.00	19.38 -0.67 0.00	19.06 -0.48 0.05	19.68 -0.58 0.00	23.09 -0.76 0.00	23.70 -0.83 0.00	21.60 -1.03 0.00	21.27 -1.02 0.00	22.20 -1.07 0.00	26.16 -1.37 0.00	23.93 -1.24 0.00	24.82 -1.20 0.00	23.78 -1.19 0.00	26.98 -1.25 0.20	27.56 -1.59 0.00	31.86 -1.91 0.00	33.77 -2.13 0.00	27.64 -1.62 0.00	25.42 -1.43 0.00	22.88 -1.08 0.00	23.82 -0.51 0.00	23.63 -0.30 0.00
CHATEAUG_35_KV_LOAD 355732	20.35 0.78 0.00	20.13 0.75 0.00	21.32 0.80 0.00	20.80 0.75 0.00	20.29 0.70 0.00	20.93 0.67 0.00	24.70 0.85 0.00	25.37 0.84 0.00	23.35 0.73 0.00	23.03 0.74 0.00	24.03 0.76 0.00	28.47 0.94 0.00	26.00 0.83 0.00	26.90 0.88 0.00	25.73 0.76 0.00	29.26 0.83 0.00	29.89 0.75 0.00	34.66 0.89 0.00	37.01 1.11 0.00	30.21 0.94 0.00	27.76 0.91 0.00	24.77 0.82 0.00	25.13 0.80 0.00	24.68 0.74 0.00
CHATEAUG_WT_PWR 323614	20.30 0.72 0.00	20.07 0.69 0.00	21.27 0.74 0.00	20.74 0.69 0.00	20.24 0.65 0.00	20.89 0.63 0.00	24.66 0.81 0.00	25.34 0.81 0.00	23.33 0.70 0.00	22.99 0.70 0.00	24.00 0.73 0.00	28.45 0.92 0.00	25.98 0.82 0.00	26.87 0.85 0.00	25.69 0.73 0.00	29.21 0.79 0.00	29.86 0.72 0.00	34.61 0.84 0.00	36.90 1.01 0.00	30.12 0.86 0.00	27.69 0.84 0.00	24.70 0.74 0.00	25.07 0.74 0.00	24.63 0.70 0.00
CHAT_HIGH_FALL_HYD 323578	20.35 0.78 0.00	20.13 0.75 0.00	21.32 0.80 0.00	20.80 0.75 0.00	20.29 0.70 0.00	20.93 0.67 0.00	24.70 0.85 0.00	25.37 0.84 0.00	23.35 0.73 0.00	23.03 0.74 0.00	24.03 0.76 0.00	28.47 0.94 0.00	26.00 0.83 0.00	26.90 0.88 0.00	25.73 0.76 0.00	29.26 0.83 0.00	29.89 0.75 0.00	34.66 0.89 0.00	37.01 1.11 0.00	30.21 0.94 0.00	27.76 0.91 0.00	24.77 0.82 0.00	25.13 0.80 0.00	24.68 0.74 0.00
CHAUTAUQUA___LFGE 323629	18.61 -0.97 0.00	18.51 -0.87 0.00	19.73 -0.80 0.00	19.30 -0.75 0.00	19.00 -0.54 0.04	19.67 -0.59 0.00	23.08 -0.77 0.00	23.71 -0.82 0.00	21.57 -1.05 0.00	21.24 -1.05 0.00	22.28 -0.99 0.00	26.35 -1.18 0.00	24.19 -0.98 0.00	25.03 -0.99 0.00	23.98 -0.98 0.00	27.20 -1.03 0.20	27.92 -1.22 0.00	32.39 -1.39 0.00	34.32 -1.58 0.00	28.04 -1.23 0.00	25.72 -1.13 0.00	23.18 -0.77 0.00	24.09 -0.24 0.00	23.83 -0.10 0.00
CHERRYST_13_KV_LD 356241	20.18 0.61 0.00	19.96 0.58 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.15 0.56 0.00	20.94 0.68 0.00	24.78 0.93 0.00	25.70 1.17 0.00	23.73 1.10 0.00	23.36 1.07 0.00	24.45 1.18 0.00	28.97 1.44 0.00	26.52 1.36 0.00	27.40 1.38 0.00	26.31 1.35 0.00	29.96 1.54 0.00	30.86 1.72 0.00	35.73 1.96 0.00	37.91 2.01 0.00	30.92 1.66 0.00	28.24 1.40 0.00	25.09 1.13 0.00	25.26 0.93 0.00	24.75 0.82 0.00

CHESTROR_138KV_BK263 355645	19.95 0.38 0.00	19.74 0.36 0.00	20.87 0.34 0.00	20.41 0.36 0.00	19.94 0.35 0.00	20.70 0.44 0.00	24.47 0.62 0.00	25.31 0.78 0.00	23.36 0.73 0.00	22.97 0.68 0.00	24.04 0.77 0.00	28.46 0.93 0.00	26.05 0.89 0.00	26.90 0.88 0.00	25.83 0.87 0.00	29.42 0.99 0.00	30.29 1.15 0.00	35.12 1.35 0.00	37.26 1.36 0.00	30.38 1.12 0.00	27.78 0.93 0.00	24.72 0.76 0.00	24.96 0.63 0.00	24.50 0.57 0.00
CH_MIDHUDSON___DRP 24192	20.09 0.51 0.00	19.87 0.48 0.00	21.01 0.48 0.00	20.56 0.51 0.00	20.06 0.48 0.00	20.84 0.58 0.00	24.63 0.78 0.00	25.49 0.96 0.00	23.54 0.91 0.00	23.16 0.87 0.00	24.25 0.99 0.00	28.72 1.19 0.00	26.30 1.13 0.00	27.15 1.14 0.00	26.09 1.12 0.00	29.69 1.27 0.00	30.58 1.44 0.00	35.47 1.69 0.00	37.60 1.70 0.00	30.65 1.38 0.00	28.03 1.18 0.00	24.92 0.96 0.00	25.15 0.82 0.00	24.68 0.74 0.00
CH_MISC_IPPS 23765	20.20 0.62 0.00	19.97 0.59 0.00	21.12 0.59 0.00	20.66 0.61 0.00	20.17 0.58 0.00	20.96 0.70 0.00	24.78 0.93 0.00	25.66 1.13 0.00	23.68 1.06 0.00	23.30 1.01 0.00	24.40 1.12 0.00	28.90 1.37 0.00	26.46 1.29 0.00	27.32 1.30 0.00	26.25 1.28 0.00	29.88 1.46 0.00	30.78 1.63 0.00	35.70 1.92 0.00	37.85 1.95 0.00	30.85 1.59 0.00	28.21 1.36 0.00	25.07 1.12 0.00	25.30 0.97 0.00	24.82 0.89 0.00
CH_RES_BVR_FALLS 23983	19.63 0.05 0.00	19.43 0.05 0.00	20.60 0.07 0.00	20.13 0.08 0.00	19.67 0.08 0.00	20.31 0.05 0.00	23.92 0.07 0.00	24.54 0.01 0.00	22.63 0.00 0.00	22.36 0.07 0.00	23.33 0.06 0.00	27.59 0.05 0.00	25.19 0.02 0.00	26.07 0.05 0.00	24.98 0.01 0.00	28.40 -0.03 0.00	29.09 -0.06 0.00	33.69 -0.09 0.00	35.88 -0.02 0.00	29.25 -0.02 0.00	26.87 0.02 0.00	23.96 0.00 0.00	24.30 -0.03 0.00	23.93 0.00 0.00
CH_RES_NIAGARA 23895	18.03 -1.54 0.00	17.95 -1.44 0.00	19.14 -1.39 0.00	18.73 -1.32 0.00	18.44 -1.11 0.03	18.99 -1.27 0.00	22.24 -1.61 0.00	22.60 -1.93 0.00	20.55 -2.08 0.00	20.31 -1.99 0.00	21.20 -2.07 0.00	24.96 -2.57 0.00	22.80 -2.36 0.00	23.70 -2.32 0.00	22.70 -2.26 0.00	25.76 -2.51 0.15	26.22 -2.92 0.00	30.25 -3.53 0.00	32.01 -3.89 0.00	26.17 -3.09 0.00	24.16 -2.69 0.00	21.77 -2.19 0.00	22.86 -1.47 0.00	22.79 -1.14 0.00
CH_RES_SYRACUSE 23985	19.32 -0.25 0.00	19.14 -0.25 0.00	20.27 -0.26 0.00	19.81 -0.24 0.00	19.38 -0.20 0.00	20.04 -0.22 0.00	23.54 -0.30 0.00	24.19 -0.34 0.00	22.30 -0.32 0.00	21.96 -0.33 0.00	22.90 -0.37 0.00	27.06 -0.47 0.00	24.74 -0.43 0.00	25.57 -0.45 0.00	24.54 -0.42 0.00	27.97 -0.46 0.00	28.68 -0.46 0.00	33.26 -0.51 0.00	35.30 -0.60 0.00	28.81 -0.46 0.00	26.43 -0.41 0.00	23.60 -0.36 0.00	24.09 -0.24 0.00	23.73 -0.21 0.00
CLINTON_WT_PWR 323605	20.30 0.72 0.00	20.07 0.69 0.00	21.27 0.74 0.00	20.74 0.69 0.00	20.24 0.65 0.00	20.89 0.63 0.00	24.66 0.81 0.00	25.34 0.81 0.00	23.33 0.70 0.00	22.99 0.70 0.00	24.00 0.73 0.00	28.45 0.92 0.00	25.98 0.82 0.00	26.87 0.85 0.00	25.69 0.73 0.00	29.21 0.79 0.00	29.86 0.72 0.00	34.61 0.84 0.00	36.90 1.01 0.00	30.12 0.86 0.00	27.69 0.84 0.00	24.70 0.74 0.00	25.07 0.74 0.00	24.63 0.70 0.00
CLINTON___LFGE 323618	20.57 1.00 0.00	20.33 0.95 0.00	21.53 1.00 0.00	20.98 0.93 0.00	20.49 0.90 0.00	21.17 0.91 0.00	25.02 1.17 0.00	25.74 1.21 0.00	23.71 1.08 0.00	23.37 1.08 0.00	24.41 1.14 0.00	28.93 1.40 0.00	26.42 1.26 0.00	27.32 1.30 0.00	26.10 1.14 0.00	29.69 1.26 0.00	30.37 1.23 0.00	35.23 1.46 0.00	37.53 1.63 0.00	30.63 1.37 0.00	28.14 1.29 0.00	25.08 1.12 0.00	25.42 1.10 0.00	24.97 1.04 0.00
COBBLENY_34_KV_TB1 80064	18.70 -0.87 0.00	18.60 -0.79 0.00	19.80 -0.73 0.00	19.38 -0.67 0.00	19.11 -0.47 0.00	19.68 -0.58 0.00	23.09 -0.76 0.00	23.70 -0.83 0.00	21.60 -1.03 0.00	21.27 -1.02 0.00	22.19 -1.08 0.00	26.16 -1.37 0.00	23.93 -1.24 0.00	24.82 -1.20 0.00	23.78 -1.18 0.00	27.19 -1.24 0.00	27.56 -1.58 0.00	31.87 -1.91 0.00	33.79 -2.11 0.00	27.64 -1.62 0.00	25.42 -1.43 0.00	22.88 -1.08 0.00	23.82 -0.50 0.00	23.63 -0.30 0.00
COFFEEN___115KV_TB3 355620	19.38 -0.20 0.00	19.16 -0.22 0.00	20.38 -0.15 0.00	19.93 -0.12 0.00	19.51 -0.07 0.00	20.25 -0.01 0.00	23.91 0.06 0.00	24.64 0.11 0.00	22.84 0.21 0.00	22.45 0.16 0.00	23.37 0.10 0.00	27.74 0.21 0.00	25.35 0.18 0.00	26.18 0.16 0.00	25.06 0.10 0.00	28.54 0.11 0.00	29.29 0.15 0.00	33.93 0.16 0.00	35.95 0.05 0.00	29.22 -0.04 0.00	26.65 -0.19 0.00	23.69 -0.27 0.00	23.87 -0.46 0.00	23.42 -0.51 0.00
COLDSPRG_115KV_BK1 355956	19.27 -0.30 0.00	19.15 -0.23 0.00	20.40 -0.13 0.00	19.97 -0.08 0.00	19.68 0.09 0.00	20.36 0.10 0.00	23.98 0.13 0.00	24.66 0.13 0.00	22.49 -0.13 0.00	22.15 -0.14 0.00	23.12 -0.15 0.00	27.27 -0.26 0.00	24.99 -0.17 0.00	25.86 -0.15 0.00	24.79 -0.17 0.00	28.34 -0.09 0.00	28.90 -0.25 0.00	33.48 -0.29 0.00	35.52 -0.38 0.00	29.06 -0.21 0.00	26.63 -0.21 0.00	24.00 0.05 0.00	24.89 0.56 0.00	24.59 0.66 0.00
COLONIE_LFGE___ 323577	19.93 0.35 0.00	19.74 0.35 0.00	20.90 0.37 0.00	20.43 0.38 0.00	19.94 0.36 0.00	20.66 0.40 0.00	24.35 0.50 0.00	25.14 0.61 0.00	23.24 0.61 0.00	22.88 0.59 0.00	23.89 0.62 0.00	28.32 0.79 0.00	25.88 0.71 0.00	26.75 0.73 0.00	25.66 0.69 0.00	29.20 0.77 0.00	30.01 0.87 0.00	34.80 1.02 0.00	36.83 0.93 0.00	29.92 0.65 0.00	27.49 0.64 0.00	24.49 0.53 0.00	24.76 0.43 0.00	24.33 0.39 0.00
COOPERNY_115KV_TB1 80082	19.83 0.25 0.00	19.62 0.24 0.00	20.75 0.22 0.00	20.29 0.24 0.00	19.82 0.23 0.00	20.58 0.32 0.00	24.29 0.44 0.00	25.10 0.57 0.00	23.16 0.53 0.00	22.77 0.48 0.00	23.80 0.53 0.00	28.19 0.66 0.00	25.79 0.62 0.00	26.63 0.61 0.00	25.57 0.60 0.00	29.13 0.70 0.00	29.95 0.81 0.00	34.72 0.95 0.00	36.86 0.96 0.00	30.06 0.79 0.00	27.51 0.67 0.00	24.50 0.55 0.00	24.78 0.45 0.00	24.34 0.40 0.00
COPENHAGEN_WT_PWR 323753	19.25 -0.32 0.00	19.05 -0.33 0.00	20.28 -0.25 0.00	19.85 -0.20 0.00	19.41 -0.17 0.00	20.14 -0.12 0.00	23.74 -0.11 0.00	24.44 -0.09 0.00	22.65 0.03 0.00	22.26 -0.03 0.00	23.15 -0.12 0.00	27.50 -0.04 0.00	25.14 -0.03 0.00	25.93 -0.08 0.00	24.83 -0.14 0.00	28.25 -0.17 0.00	28.95 -0.19 0.00	33.51 -0.26 0.00	35.48 -0.42 0.00	28.85 -0.42 0.00	26.28 -0.57 0.00	23.40 -0.56 0.00	23.59 -0.74 0.00	23.15 -0.78 0.00
CORNELL_____ 23752	19.63 0.05 0.00	19.45 0.07 0.00	20.60 0.07 0.00	20.13 0.09 0.00	19.72 0.13 0.00	20.44 0.18 0.00	24.07 0.22 0.00	24.80 0.27 0.00	22.86 0.23 0.00	22.49 0.20 0.00	23.46 0.19 0.00	27.72 0.19 0.00	25.34 0.17 0.00	26.17 0.15 0.00	25.12 0.16 0.00	28.68 0.25 0.00	29.40 0.25 0.00	34.13 0.35 0.00	36.23 0.34 0.00	29.60 0.33 0.00	27.11 0.26 0.00	24.19 0.23 0.00	24.64 0.31 0.00	24.21 0.28 0.00

CORONA__69_KV_TB1 355595	20.42 0.84 0.00	20.19 0.81 0.00	21.31 0.78 0.00	20.82 0.77 0.00	20.33 0.74 0.00	21.16 0.90 0.00	25.06 1.21 0.00	25.93 1.40 0.00	23.97 1.35 0.00	23.59 1.30 0.00	31.05 1.53 -6.25	31.41 1.83 -2.05	29.20 1.72 -2.31	34.55 1.74 -6.79	27.47 1.69 -0.81	30.46 1.93 -0.10	44.44 2.09 -13.21	51.93 2.43 -15.72	38.37 2.48 0.00	31.26 2.00 0.00	28.93 1.77 -0.30	25.40 1.44 0.00	25.60 1.27 0.00	25.15 1.21 0.00
CORTLAND__115KV_TB3 80093	19.52 -0.05 0.00	19.34 -0.05 0.00	20.48 -0.05 0.00	20.02 -0.03 0.00	19.60 0.01 0.00	20.30 0.04 0.00	23.91 0.06 0.00	24.64 0.11 0.00	22.71 0.08 0.00	22.34 0.05 0.00	23.31 0.04 0.00	27.56 0.03 0.00	25.19 0.02 0.00	26.01 -0.01 0.00	24.97 0.01 0.00	28.49 0.06 0.00	29.21 0.07 0.00	33.88 0.11 0.00	35.97 0.07 0.00	29.37 0.10 0.00	26.90 0.05 0.00	24.00 0.05 0.00	24.44 0.11 0.00	24.01 0.08 0.00
COXSACKIE__GT 23611	20.63 1.05 0.00	20.39 1.01 0.00	21.58 1.05 0.00	21.08 1.03 0.00	20.63 1.04 0.00	21.38 1.12 0.00	25.26 1.41 0.00	26.14 1.61 0.00	24.26 1.64 0.00	23.89 1.60 0.00	24.86 1.59 0.00	29.33 1.80 0.00	26.83 1.66 0.00	27.76 1.74 0.00	26.61 1.64 0.00	30.32 1.90 0.00	31.29 2.15 0.00	36.37 2.60 0.00	38.49 2.59 0.00	31.25 1.99 0.00	28.65 1.80 0.00	25.46 1.50 0.00	25.69 1.36 0.00	25.14 1.21 0.00
CPV_VALLEY__CC1 323721	19.83 0.25 0.00	19.62 0.24 0.00	20.75 0.21 0.00	20.29 0.24 0.00	19.81 0.23 0.00	20.58 0.32 0.00	24.30 0.45 0.00	25.13 0.61 0.00	23.20 0.57 0.00	22.80 0.51 0.00	23.85 0.58 0.00	28.24 0.71 0.00	25.85 0.68 0.00	26.68 0.67 0.00	25.64 0.67 0.00	29.19 0.76 0.00	30.04 0.90 0.00	34.82 1.05 0.00	36.95 1.05 0.00	30.13 0.86 0.00	27.57 0.72 0.00	24.54 0.58 0.00	24.79 0.45 0.00	24.33 0.40 0.00
CPV_VALLEY__CC2 323722	19.83 0.25 0.00	19.62 0.24 0.00	20.75 0.21 0.00	20.29 0.24 0.00	19.81 0.23 0.00	20.58 0.32 0.00	24.30 0.45 0.00	25.13 0.61 0.00	23.20 0.57 0.00	22.80 0.51 0.00	23.85 0.58 0.00	28.24 0.71 0.00	25.85 0.68 0.00	26.68 0.67 0.00	25.64 0.67 0.00	29.19 0.76 0.00	30.04 0.90 0.00	34.82 1.05 0.00	36.95 1.05 0.00	30.13 0.86 0.00	27.57 0.72 0.00	24.54 0.58 0.00	24.79 0.45 0.00	24.33 0.40 0.00
CRESCENT__HYD 24018	19.93 0.35 0.00	19.74 0.35 0.00	20.90 0.37 0.00	20.43 0.38 0.00	19.94 0.36 0.00	20.66 0.40 0.00	24.35 0.50 0.00	25.14 0.61 0.00	23.24 0.61 0.00	22.88 0.59 0.00	23.89 0.62 0.00	28.32 0.79 0.00	25.88 0.71 0.00	26.75 0.73 0.00	25.66 0.69 0.00	29.20 0.77 0.00	30.01 0.87 0.00	34.80 1.02 0.00	36.83 0.93 0.00	29.92 0.65 0.00	27.49 0.64 0.00	24.49 0.53 0.00	24.76 0.43 0.00	24.33 0.39 0.00
CRICKET__VALLEY_CC1 323756	19.88 0.30 0.00	19.66 0.27 0.00	20.81 0.27 0.00	20.36 0.31 0.00	19.86 0.28 0.00	20.62 0.36 0.00	24.34 0.49 0.00	25.16 0.63 0.00	23.24 0.61 0.00	22.87 0.58 0.00	23.98 0.71 0.00	28.40 0.86 0.00	26.03 0.86 0.00	26.85 0.83 0.00	25.82 0.86 0.00	29.33 0.91 0.00	30.21 1.07 0.00	35.04 1.27 0.00	37.13 1.23 0.00	30.24 0.97 0.00	27.68 0.83 0.00	24.63 0.67 0.00	24.85 0.52 0.00	24.40 0.47 0.00
CRICKET__VALLEY_CC2 323757	19.88 0.30 0.00	19.66 0.27 0.00	20.81 0.27 0.00	20.36 0.31 0.00	19.86 0.28 0.00	20.62 0.36 0.00	24.34 0.49 0.00	25.16 0.63 0.00	23.24 0.61 0.00	22.87 0.58 0.00	23.98 0.71 0.00	28.40 0.86 0.00	26.03 0.86 0.00	26.85 0.83 0.00	25.82 0.86 0.00	29.33 0.91 0.00	30.21 1.07 0.00	35.04 1.27 0.00	37.13 1.23 0.00	30.24 0.97 0.00	27.68 0.83 0.00	24.63 0.67 0.00	24.85 0.52 0.00	24.40 0.47 0.00
CRICKET__VALLEY_CC3 323758	19.88 0.30 0.00	19.66 0.27 0.00	20.81 0.27 0.00	20.36 0.31 0.00	19.86 0.28 0.00	20.62 0.36 0.00	24.34 0.49 0.00	25.16 0.63 0.00	23.24 0.61 0.00	22.87 0.58 0.00	23.98 0.71 0.00	28.40 0.86 0.00	26.03 0.86 0.00	26.85 0.83 0.00	25.82 0.86 0.00	29.33 0.91 0.00	30.21 1.07 0.00	35.04 1.27 0.00	37.13 1.23 0.00	30.24 0.97 0.00	27.68 0.83 0.00	24.63 0.67 0.00	24.85 0.52 0.00	24.40 0.47 0.00
CRUCIBLE_METL_DRP 24180	19.32 -0.25 0.00	19.14 -0.25 0.00	20.27 -0.26 0.00	19.81 -0.24 0.00	19.38 -0.20 0.00	20.04 -0.22 0.00	23.54 -0.31 0.00	24.19 -0.34 0.00	22.30 -0.32 0.00	21.96 -0.33 0.00	22.90 -0.37 0.00	27.06 -0.47 0.00	24.74 -0.43 0.00	25.57 -0.45 0.00	24.55 -0.42 0.00	27.98 -0.45 0.00	28.68 -0.46 0.00	33.26 -0.51 0.00	35.30 -0.60 0.00	28.81 -0.46 0.00	26.43 -0.41 0.00	23.60 -0.36 0.00	24.09 -0.24 0.00	23.72 -0.21 0.00
DAHOWA__HYDRO 323763	20.23 0.65 0.00	20.01 0.63 0.00	21.18 0.65 0.00	20.69 0.65 0.00	20.21 0.63 0.00	21.00 0.74 0.00	24.82 0.97 0.00	25.66 1.12 0.00	23.74 1.11 0.00	23.38 1.09 0.00	24.42 1.15 0.00	28.89 1.36 0.00	26.42 1.26 0.00	27.30 1.28 0.00	26.16 1.20 0.00	29.80 1.38 0.00	30.72 1.58 0.00	35.65 1.88 0.00	37.71 1.81 0.00	30.55 1.28 0.00	28.01 1.16 0.00	24.93 0.97 0.00	25.18 0.85 0.00	24.72 0.78 0.00
DANC__LFGE 323619	19.13 -0.45 0.00	18.93 -0.45 0.00	20.12 -0.42 0.00	19.67 -0.38 0.00	19.24 -0.34 0.00	19.93 -0.33 0.00	23.47 -0.38 0.00	24.14 -0.39 0.00	22.34 -0.29 0.00	21.97 -0.32 0.00	22.87 -0.40 0.00	27.11 -0.42 0.00	24.78 -0.39 0.00	25.59 -0.43 0.00	24.52 -0.45 0.00	27.92 -0.51 0.00	28.62 -0.52 0.00	33.15 -0.62 0.00	35.13 -0.77 0.00	28.60 -0.67 0.00	26.13 -0.72 0.00	23.28 -0.68 0.00	23.58 -0.75 0.00	23.18 -0.75 0.00
DANSKAMMER__1 23586	20.20 0.62 0.00	19.97 0.59 0.00	21.12 0.59 0.00	20.66 0.61 0.00	20.17 0.58 0.00	20.96 0.70 0.00	24.78 0.93 0.00	25.66 1.13 0.00	23.68 1.06 0.00	23.30 1.01 0.00	24.40 1.12 0.00	28.90 1.37 0.00	26.46 1.29 0.00	27.32 1.30 0.00	26.25 1.28 0.00	29.88 1.46 0.00	30.78 1.63 0.00	35.70 1.92 0.00	37.85 1.95 0.00	30.85 1.59 0.00	28.21 1.36 0.00	25.07 1.12 0.00	25.30 0.97 0.00	24.82 0.89 0.00
DANSKAMMER__2 23589	20.20 0.62 0.00	19.97 0.59 0.00	21.12 0.59 0.00	20.66 0.61 0.00	20.17 0.58 0.00	20.96 0.70 0.00	24.78 0.93 0.00	25.66 1.13 0.00	23.68 1.06 0.00	23.30 1.01 0.00	24.40 1.12 0.00	28.90 1.37 0.00	26.46 1.29 0.00	27.32 1.30 0.00	26.25 1.28 0.00	29.88 1.46 0.00	30.78 1.63 0.00	35.70 1.92 0.00	37.85 1.95 0.00	30.85 1.59 0.00	28.21 1.36 0.00	25.07 1.12 0.00	25.30 0.97 0.00	24.82 0.89 0.00
DANSKAMMER__3 23590	20.20 0.62 0.00	19.97 0.59 0.00	21.12 0.59 0.00	20.66 0.61 0.00	20.17 0.58 0.00	20.96 0.70 0.00	24.78 0.93 0.00	25.66 1.13 0.00	23.68 1.06 0.00	23.30 1.01 0.00	24.40 1.12 0.00	28.90 1.37 0.00	26.46 1.29 0.00	27.32 1.30 0.00	26.25 1.28 0.00	29.88 1.46 0.00	30.78 1.63 0.00	35.70 1.92 0.00	37.85 1.95 0.00	30.85 1.59 0.00	28.21 1.36 0.00	25.07 1.12 0.00	25.30 0.97 0.00	24.82 0.89 0.00

DANSKAMMER___4 23591	20.20 0.62 0.00	19.97 0.59 0.00	21.12 0.59 0.00	20.66 0.61 0.00	20.17 0.58 0.00	20.96 0.70 0.00	24.78 0.93 0.00	25.66 1.13 0.00	23.68 1.06 0.00	23.30 1.01 0.00	24.40 1.12 0.00	28.90 1.37 0.00	26.46 1.29 0.00	27.32 1.30 0.00	26.25 1.28 0.00	29.88 1.46 0.00	30.78 1.63 0.00	35.70 1.92 0.00	37.85 1.95 0.00	30.85 1.59 0.00	28.21 1.36 0.00	25.07 1.12 0.00	25.30 0.97 0.00	24.82 0.89 0.00
DANSKAMMER___DIESEL 23592	20.20 0.62 0.00	19.97 0.59 0.00	21.12 0.59 0.00	20.66 0.61 0.00	20.17 0.58 0.00	20.96 0.70 0.00	24.78 0.93 0.00	25.66 1.13 0.00	23.68 1.06 0.00	23.30 1.01 0.00	24.40 1.13 0.00	28.90 1.37 0.00	26.46 1.30 0.00	27.32 1.30 0.00	26.24 1.27 0.00	29.88 1.45 0.00	30.78 1.64 0.00	35.70 1.92 0.00	37.85 1.95 0.00	30.85 1.59 0.00	28.21 1.36 0.00	25.07 1.12 0.00	25.30 0.97 0.00	24.82 0.89 0.00
DARBY___SOLAR 323810	20.19 0.62 0.00	19.98 0.60 0.00	21.15 0.63 0.00	20.67 0.62 0.00	20.19 0.60 0.00	20.96 0.70 0.00	24.75 0.90 0.00	25.58 1.05 0.00	23.67 1.04 0.00	23.30 1.01 0.00	24.33 1.07 0.00	28.80 1.27 0.00	26.33 1.16 0.00	27.20 1.19 0.00	26.07 1.11 0.00	29.70 1.28 0.00	30.61 1.47 0.00	35.51 1.73 0.00	37.57 1.68 0.00	30.45 1.19 0.00	27.93 1.08 0.00	24.87 0.91 0.00	25.12 0.79 0.00	24.67 0.73 0.00
DASHVILLE___HYD 23610	20.01 0.43 0.00	19.78 0.40 0.00	20.91 0.38 0.00	20.46 0.41 0.00	19.97 0.39 0.00	20.76 0.50 0.00	24.55 0.70 0.00	25.41 0.89 0.00	23.45 0.82 0.00	23.07 0.78 0.00	24.18 0.91 0.00	28.60 1.07 0.00	26.19 1.03 0.00	27.04 1.03 0.00	25.99 1.02 0.00	29.58 1.15 0.00	30.47 1.32 0.00	35.33 1.55 0.00	37.48 1.58 0.00	30.57 1.31 0.00	27.93 1.08 0.00	24.83 0.87 0.00	25.05 0.72 0.00	24.58 0.65 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.15 1.57 0.00	20.88 1.50 0.00	22.02 1.49 0.00	21.51 1.46 0.00	21.03 1.45 0.00	21.91 1.65 0.00	25.96 2.11 0.00	26.65 2.11 0.00	24.71 2.08 0.00	24.21 1.92 0.00	31.79 2.27 -6.25	32.28 2.70 -2.05	29.88 2.41 -2.31	35.26 2.45 -6.79	27.99 2.21 -0.81	31.07 2.54 -0.10	45.30 2.95 -13.21	53.12 3.62 -15.72	39.42 3.53 0.00	31.86 2.60 0.00	29.71 2.56 -0.30	25.92 1.97 0.00	26.05 1.72 0.00	25.93 2.00 0.00
DELAWARE___LFGE 323621	19.85 0.28 0.00	19.65 0.27 0.00	20.80 0.27 0.00	20.34 0.28 0.00	19.89 0.30 0.00	20.63 0.37 0.00	24.35 0.50 0.00	25.12 0.59 0.00	23.17 0.54 0.00	22.80 0.51 0.00	23.80 0.53 0.00	28.16 0.63 0.00	25.75 0.58 0.00	26.58 0.56 0.00	25.51 0.54 0.00	29.06 0.63 0.00	29.83 0.69 0.00	34.61 0.83 0.00	36.76 0.86 0.00	29.99 0.72 0.00	27.47 0.62 0.00	24.49 0.54 0.00	24.84 0.50 0.00	24.40 0.46 0.00
DERFIELD_115KV_TB7 355931	19.54 -0.04 0.00	19.35 -0.04 0.00	20.49 -0.04 0.00	20.01 -0.04 0.00	19.55 -0.03 0.00	20.25 -0.01 0.00	23.85 0.00 0.00	24.55 0.02 0.00	22.67 0.04 0.00	22.33 0.04 0.00	23.32 0.05 0.00	27.58 0.05 0.00	25.23 0.06 0.00	26.07 0.05 0.00	25.02 0.05 0.00	28.47 0.04 0.00	29.22 0.08 0.00	33.87 0.09 0.00	35.96 0.07 0.00	29.29 0.03 0.00	26.85 0.00 0.00	23.94 -0.01 0.00	24.28 -0.05 0.00	23.88 -0.05 0.00
DOGLEVILLE___HYD 23807	19.19 -0.39 0.00	19.00 -0.39 0.00	20.10 -0.44 0.00	19.64 -0.41 0.00	19.20 -0.39 0.00	19.96 -0.30 0.00	23.55 -0.29 0.00	24.45 -0.08 0.00	22.67 0.04 0.00	22.28 -0.01 0.00	23.27 0.00 0.00	27.53 0.00 0.00	25.21 0.04 0.00	25.98 -0.03 0.00	24.92 -0.04 0.00	28.35 -0.08 0.00	29.13 -0.01 0.00	33.84 0.06 0.00	35.86 -0.04 0.00	29.05 -0.21 0.00	26.64 -0.21 0.00	23.68 -0.28 0.00	23.80 -0.53 0.00	23.15 -0.78 0.00
DUNKIRK___115KV_TB_200 55889	18.60 -0.97 0.00	18.51 -0.88 0.00	19.72 -0.81 0.00	19.29 -0.75 0.00	19.03 -0.55 0.00	19.65 -0.61 0.00	23.06 -0.79 0.00	23.70 -0.83 0.00	21.56 -1.06 0.00	21.23 -1.06 0.00	22.24 -1.03 0.00	26.31 -1.22 0.00	24.14 -1.03 0.00	24.98 -1.03 0.00	23.94 -1.03 0.00	27.35 -1.07 0.00	27.85 -1.30 0.00	32.30 -1.47 0.00	34.24 -1.66 0.00	27.99 -1.27 0.00	25.67 -1.18 0.00	23.13 -0.82 0.00	24.04 -0.29 0.00	23.78 -0.16 0.00
DUNKIRK___1 23563	18.60 -0.97 0.00	18.51 -0.88 0.00	19.72 -0.81 0.00	19.29 -0.75 0.00	19.03 -0.55 0.00	19.65 -0.61 0.00	23.06 -0.79 0.00	23.70 -0.83 0.00	21.56 -1.06 0.00	21.23 -1.06 0.00	22.24 -1.03 0.00	26.31 -1.22 0.00	24.14 -1.03 0.00	24.98 -1.03 0.00	23.94 -1.03 0.00	27.35 -1.07 0.00	27.85 -1.30 0.00	32.30 -1.47 0.00	34.24 -1.66 0.00	27.99 -1.27 0.00	25.67 -1.18 0.00	23.13 -0.82 0.00	24.04 -0.29 0.00	23.78 -0.16 0.00
DUNKIRK___2 23564	18.60 -0.97 0.00	18.51 -0.88 0.00	19.72 -0.81 0.00	19.29 -0.75 0.00	19.03 -0.55 0.00	19.65 -0.61 0.00	23.06 -0.79 0.00	23.70 -0.83 0.00	21.56 -1.06 0.00	21.23 -1.06 0.00	22.24 -1.03 0.00	26.31 -1.22 0.00	24.14 -1.03 0.00	24.98 -1.03 0.00	23.94 -1.03 0.00	27.35 -1.07 0.00	27.85 -1.30 0.00	32.30 -1.47 0.00	34.24 -1.66 0.00	27.99 -1.27 0.00	25.67 -1.18 0.00	23.13 -0.82 0.00	24.04 -0.29 0.00	23.78 -0.16 0.00
DUNKIRK___3 23565	18.62 -0.96 0.00	18.52 -0.86 0.00	19.72 -0.81 0.00	19.29 -0.76 0.00	19.03 -0.55 0.00	19.63 -0.63 0.00	23.04 -0.81 0.00	23.65 -0.88 0.00	21.53 -1.10 0.00	21.21 -1.08 0.00	22.17 -1.10 0.00	26.19 -1.34 0.00	24.00 -1.17 0.00	24.85 -1.16 0.00	23.81 -1.15 0.00	27.22 -1.21 0.00	27.68 -1.47 0.00	32.08 -1.70 0.00	34.00 -1.90 0.00	27.82 -1.44 0.00	25.52 -1.32 0.00	23.01 -0.95 0.00	23.93 -0.40 0.00	23.68 -0.25 0.00
DUNKIRK___4 23566	18.62 -0.96 0.00	18.52 -0.86 0.00	19.72 -0.81 0.00	19.29 -0.76 0.00	19.03 -0.55 0.00	19.63 -0.63 0.00	23.04 -0.81 0.00	23.65 -0.88 0.00	21.53 -1.10 0.00	21.21 -1.08 0.00	22.17 -1.10 0.00	26.19 -1.34 0.00	24.00 -1.17 0.00	24.85 -1.16 0.00	23.81 -1.15 0.00	27.22 -1.21 0.00	27.68 -1.47 0.00	32.08 -1.70 0.00	34.00 -1.90 0.00	27.82 -1.44 0.00	25.52 -1.32 0.00	23.01 -0.95 0.00	23.93 -0.40 0.00	23.68 -0.25 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.12 0.55 0.00	19.91 0.52 0.00	21.03 0.50 0.00	20.58 0.53 0.00	20.09 0.50 0.00	20.88 0.62 0.00	24.68 0.83 0.00	25.56 1.03 0.00	23.60 0.98 0.00	23.23 0.94 0.00	24.33 1.07 0.00	28.82 1.29 0.00	26.39 1.22 0.00	27.24 1.22 0.00	26.17 1.20 0.00	29.79 1.37 0.00	30.69 1.55 0.00	35.57 1.79 0.00	37.70 1.81 0.00	30.75 1.49 0.00	28.11 1.26 0.00	24.98 1.02 0.00	25.19 0.86 0.00	24.71 0.78 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.06 0.48 0.00	19.85 0.46 0.00	20.98 0.45 0.00	20.52 0.47 0.00	20.03 0.45 0.00	20.82 0.56 0.00	24.61 0.76 0.00	25.47 0.94 0.00	23.51 0.88 0.00	23.12 0.83 0.00	24.20 0.93 0.00	28.65 1.12 0.00	26.24 1.07 0.00	27.08 1.06 0.00	26.01 1.05 0.00	29.63 1.20 0.00	30.52 1.37 0.00	35.40 1.62 0.00	37.53 1.63 0.00	30.61 1.34 0.00	27.98 1.13 0.00	24.88 0.92 0.00	25.12 0.79 0.00	24.65 0.71 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	20.18 0.61 0.00	19.98 0.59 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.13 0.54 0.00	20.94 0.68 0.00	24.76 0.91 0.00	25.69 1.16 0.00	23.68 1.05 0.00	23.27 0.98 0.00	24.38 1.11 0.00	28.88 1.35 0.00	26.45 1.28 0.00	27.28 1.27 0.00	26.22 1.26 0.00	29.85 1.42 0.00	30.71 1.57 0.00	35.63 1.86 0.00	37.76 1.87 0.00	30.86 1.59 0.00	28.16 1.31 0.00	25.04 1.08 0.00	25.21 0.88 0.00	24.72 0.79 0.00
E179THST_13_KV_LOAD 356214	20.26 0.68 0.00	20.05 0.67 0.00	21.16 0.63 0.00	20.72 0.67 0.00	20.20 0.61 0.00	21.02 0.76 0.00	24.85 1.01 0.00	25.79 1.26 0.00	23.78 1.16 0.00	23.37 1.08 0.00	24.48 1.21 0.00	29.01 1.48 0.00	26.57 1.40 0.00	27.41 1.39 0.00	26.34 1.37 0.00	29.98 1.56 0.00	30.85 1.71 0.00	35.80 2.03 0.00	37.94 2.05 0.00	31.00 1.74 0.00	28.29 1.44 0.00	25.16 1.20 0.00	25.32 0.99 0.00	24.82 0.89 0.00
EAST HAMPTON___GT 23717	21.34 1.76 0.00	21.07 1.69 0.00	22.22 1.69 0.00	21.71 1.67 0.00	21.23 1.65 0.00	22.11 1.86 0.00	26.23 2.38 0.00	26.93 2.40 0.00	24.97 2.35 0.00	24.47 2.18 0.00	32.05 2.53 -6.25	32.60 3.02 -2.05	30.18 2.71 -2.31	35.58 2.78 -6.79	28.30 2.53 -0.81	31.43 2.90 -0.10	45.69 3.34 -13.21	53.57 4.07 -15.72	39.87 3.97 0.00	32.19 2.93 0.00	29.97 2.82 -0.30	26.13 2.17 0.00	26.21 1.88 0.00	26.07 2.13 0.00
EAST RIVER___6 23660	20.12 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.70 0.85 0.00	25.62 1.09 0.00	23.66 1.04 0.00	23.29 0.99 0.00	24.38 1.11 0.00	28.88 1.35 0.00	26.44 1.27 0.00	27.32 1.30 0.00	26.24 1.28 0.00	29.88 1.46 0.00	30.78 1.64 0.00	35.64 1.86 0.00	37.82 1.92 0.00	30.85 1.59 0.00	28.17 1.32 0.00	25.02 1.06 0.00	25.19 0.86 0.00	24.68 0.75 0.00
EAST RIVER___7 23524	20.12 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.70 0.85 0.00	25.62 1.09 0.00	23.66 1.04 0.00	23.29 0.99 0.00	24.38 1.11 0.00	28.88 1.35 0.00	26.44 1.27 0.00	27.32 1.30 0.00	26.24 1.28 0.00	29.88 1.46 0.00	30.78 1.64 0.00	35.64 1.86 0.00	37.82 1.92 0.00	30.85 1.59 0.00	28.17 1.32 0.00	25.02 1.06 0.00	25.19 0.86 0.00	24.68 0.75 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.09 0.51 0.00	19.87 0.49 0.00	21.00 0.47 0.00	20.54 0.50 0.00	20.05 0.47 0.00	20.84 0.58 0.00	24.64 0.79 0.00	25.52 0.99 0.00	23.56 0.94 0.00	23.18 0.89 0.00	24.28 1.01 0.00	28.76 1.22 0.00	26.33 1.16 0.00	27.18 1.16 0.00	26.11 1.15 0.00	29.73 1.30 0.00	30.62 1.47 0.00	35.48 1.71 0.00	37.62 1.73 0.00	30.68 1.42 0.00	28.05 1.21 0.00	24.93 0.97 0.00	25.15 0.81 0.00	24.67 0.74 0.00
EAST_HAMPTON___DIESEL 23722	21.34 1.76 0.00	21.07 1.69 0.00	22.22 1.69 0.00	21.71 1.67 0.00	21.23 1.65 0.00	22.11 1.86 0.00	26.23 2.38 0.00	26.93 2.40 0.00	24.97 2.35 0.00	24.47 2.18 0.00	32.05 2.53 -6.25	32.60 3.02 -2.05	30.19 2.71 -2.31	35.59 2.78 -6.79	28.30 2.53 -0.81	31.43 2.90 -0.10	45.69 3.34 -13.21	53.57 4.07 -15.72	39.85 3.96 0.00	32.18 2.92 0.00	29.96 2.81 -0.30	26.11 2.16 0.00	26.20 1.87 0.00	26.05 2.12 0.00
EAST_PULASKI___ESR 323781	19.07 -0.50 0.00	18.88 -0.50 0.00	20.03 -0.51 0.00	19.57 -0.48 0.00	19.14 -0.45 0.00	19.80 -0.46 0.00	23.28 -0.57 0.00	23.91 -0.62 0.00	22.09 -0.53 0.00	21.75 -0.54 0.00	22.67 -0.60 0.00	26.82 -0.71 0.00	24.52 -0.65 0.00	25.34 -0.68 0.00	24.30 -0.66 0.00	27.68 -0.74 0.00	28.40 -0.74 0.00	32.92 -0.86 0.00	34.90 -1.00 0.00	28.45 -0.82 0.00	26.05 -0.80 0.00	23.24 -0.72 0.00	23.65 -0.68 0.00	23.29 -0.65 0.00
EAST_RIVER___1 323558	20.14 0.57 0.00	19.92 0.54 0.00	21.04 0.51 0.00	20.60 0.55 0.00	20.10 0.51 0.00	20.89 0.63 0.00	24.71 0.86 0.00	25.63 1.10 0.00	23.66 1.04 0.00	23.28 0.99 0.00	24.37 1.10 0.00	28.88 1.35 0.00	26.43 1.27 0.00	27.30 1.29 0.00	26.23 1.27 0.00	29.87 1.44 0.00	30.76 1.61 0.00	35.63 1.85 0.00	37.80 1.90 0.00	30.84 1.58 0.00	28.17 1.32 0.00	25.02 1.07 0.00	25.20 0.87 0.00	24.70 0.76 0.00
EAST_RIVER___2 323559	20.12 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.70 0.85 0.00	25.62 1.09 0.00	23.66 1.04 0.00	23.29 0.99 0.00	24.38 1.11 0.00	28.88 1.35 0.00	26.44 1.27 0.00	27.32 1.30 0.00	26.24 1.28 0.00	29.88 1.46 0.00	30.78 1.64 0.00	35.64 1.86 0.00	37.82 1.92 0.00	30.85 1.59 0.00	28.17 1.32 0.00	25.02 1.06 0.00	25.19 0.86 0.00	24.68 0.75 0.00
EAST___DELAWARE_HYD 23607	19.90 0.32 0.00	19.67 0.29 0.00	20.79 0.25 0.00	20.33 0.27 0.00	19.85 0.27 0.00	20.64 0.38 0.00	24.43 0.58 0.00	25.32 0.79 0.00	23.37 0.74 0.00	22.97 0.68 0.00	24.06 0.78 0.00	28.46 0.93 0.00	26.03 0.86 0.00	26.88 0.87 0.00	25.84 0.88 0.00	29.46 1.03 0.00	30.37 1.23 0.00	35.23 1.45 0.00	37.38 1.49 0.00	30.49 1.23 0.00	27.88 1.03 0.00	24.77 0.81 0.00	24.98 0.65 0.00	24.49 0.56 0.00
EIGHT_POINT___WT_PWR 323820	18.46 -1.11 0.00	18.43 -0.96 0.00	19.55 -0.98 0.00	19.10 -0.95 0.00	18.96 -0.64 -0.01	19.62 -0.64 0.00	23.12 -0.73 0.00	23.65 -0.88 0.00	21.65 -0.98 0.00	21.20 -1.10 0.00	22.23 -1.04 0.00	26.28 -1.25 0.00	23.96 -1.21 0.00	24.54 -1.48 0.00	23.56 -1.40 0.00	27.41 -1.08 -0.06	27.59 -1.55 0.00	32.13 -1.64 0.00	34.59 -1.30 0.00	28.33 -0.93 0.00	25.92 -0.93 0.00	23.34 -0.62 0.00	24.12 -0.21 0.00	23.93 0.00 0.00
ELBRIDGE_115KV_TB2 80188	19.21 -0.37 0.00	19.02 -0.36 0.00	20.16 -0.37 0.00	19.70 -0.35 0.00	19.27 -0.31 0.00	19.92 -0.34 0.00	23.41 -0.44 0.00	24.04 -0.49 0.00	22.17 -0.46 0.00	21.83 -0.46 0.00	22.77 -0.50 0.00	26.90 -0.63 0.00	24.60 -0.57 0.00	25.42 -0.59 0.00	24.40 -0.56 0.00	27.81 -0.61 0.00	28.51 -0.64 0.00	33.06 -0.72 0.00	35.08 -0.81 0.00	28.63 -0.63 0.00	26.26 -0.58 0.00	23.46 -0.50 0.00	23.95 -0.38 0.00	23.60 -0.33 0.00
ELEC_TRO_TEK 24086	20.34 0.77 0.00	20.12 0.74 0.00	21.24 0.71 0.00	20.75 0.70 0.00	20.27 0.68 0.00	21.09 0.83 0.00	24.97 1.12 0.00	25.83 1.30 0.00	23.88 1.25 0.00	23.49 1.20 0.00	30.94 1.42 -6.25	31.29 1.70 -2.05	29.08 1.60 -2.31	34.43 1.61 -6.79	27.35 1.57 -0.81	30.32 1.79 -0.10	44.34 1.99 -13.21	51.79 2.29 -15.72	38.20 2.30 0.00	31.12 1.85 0.00	28.79 1.64 -0.30	25.28 1.32 0.00	25.49 1.16 0.00	25.05 1.12 0.00
ELLENBURG_WT_PWR 323604	20.30 0.72 0.00	20.07 0.69 0.00	21.27 0.74 0.00	20.74 0.69 0.00	20.24 0.65 0.00	20.89 0.63 0.00	24.66 0.81 0.00	25.34 0.81 0.00	23.33 0.70 0.00	22.99 0.70 0.00	24.00 0.73 0.00	28.45 0.92 0.00	25.98 0.82 0.00	26.87 0.85 0.00	25.69 0.73 0.00	29.21 0.79 0.00	29.86 0.72 0.00	34.61 0.84 0.00	36.90 1.01 0.00	30.12 0.86 0.00	27.69 0.84 0.00	24.70 0.74 0.00	25.07 0.74 0.00	24.63 0.70 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.53 -1.04 0.00	18.44 -0.95 0.00	19.64 -0.89 0.00	19.22 -0.83 0.00	18.96 -0.62 0.00	19.51 -0.75 0.00	22.88 -0.98 0.00	23.37 -1.16 0.00	21.28 -1.34 0.00	21.02 -1.27 0.00	21.93 -1.34 0.00	25.84 -1.69 0.00	23.64 -1.53 0.00	24.53 -1.48 0.00	23.51 -1.46 0.00	26.86 -1.57 0.00	27.22 -1.92 0.00	31.44 -2.33 0.00	33.32 -2.58 0.00	27.26 -2.01 0.00	25.09 -1.76 0.00	22.60 -1.36 0.00	23.60 -0.73 0.00	23.44 -0.49 0.00
EMPIRE_CC_1 323656	19.73 0.15 0.00	19.54 0.16 0.00	20.69 0.16 0.00	20.22 0.17 0.00	19.74 0.15 0.00	20.45 0.19 0.00	24.06 0.21 0.00	24.80 0.27 0.00	22.97 0.35 0.00	22.58 0.29 0.00	23.52 0.25 0.00	27.90 0.37 0.00	25.50 0.33 0.00	26.36 0.34 0.00	25.30 0.33 0.00	28.77 0.34 0.00	29.55 0.41 0.00	34.25 0.47 0.00	36.24 0.34 0.00	29.48 0.22 0.00	27.15 0.31 0.00	24.21 0.26 0.00	24.48 0.15 0.00	24.06 0.13 0.00
EMPIRE_CC_2 323658	19.73 0.15 0.00	19.54 0.16 0.00	20.69 0.16 0.00	20.22 0.17 0.00	19.74 0.15 0.00	20.45 0.19 0.00	24.06 0.21 0.00	24.80 0.27 0.00	22.97 0.35 0.00	22.58 0.29 0.00	23.52 0.25 0.00	27.90 0.37 0.00	25.50 0.33 0.00	26.36 0.34 0.00	25.30 0.33 0.00	28.77 0.34 0.00	29.55 0.41 0.00	34.25 0.47 0.00	36.24 0.34 0.00	29.48 0.22 0.00	27.15 0.31 0.00	24.21 0.26 0.00	24.48 0.15 0.00	24.06 0.13 0.00
ENORWICH_115KV_TB1 80156	20.26 0.69 0.00	20.06 0.67 0.00	21.26 0.73 0.00	20.76 0.71 0.00	20.35 0.77 0.00	21.21 0.95 0.00	25.14 1.29 0.00	25.92 1.40 0.00	23.93 1.30 0.00	23.51 1.22 0.00	24.45 1.18 0.00	28.87 1.34 0.00	26.35 1.19 0.00	27.11 1.09 0.00	26.00 1.04 0.00	29.76 1.33 0.00	30.65 1.51 0.00	35.83 2.06 0.00	37.95 2.05 0.00	31.09 1.83 0.00	28.51 1.67 0.00	25.39 1.44 0.00	25.71 1.39 0.00	25.12 1.19 0.00
ERIE_ST__34_KV_TB1-2 80199	19.01 -0.56 0.00	18.90 -0.48 0.00	20.12 -0.42 0.00	19.69 -0.36 0.00	19.41 -0.18 0.00	19.98 -0.28 0.00	23.46 -0.39 0.00	24.03 -0.50 0.00	21.91 -0.72 0.00	21.64 -0.66 0.00	22.55 -0.72 0.00	26.55 -0.97 0.00	24.28 -0.89 0.00	25.18 -0.84 0.00	24.14 -0.82 0.00	27.60 -0.82 0.00	27.98 -1.16 0.00	32.36 -1.41 0.00	34.30 -1.60 0.00	28.07 -1.20 0.00	25.80 -1.05 0.00	23.23 -0.73 0.00	24.20 -0.13 0.00	24.00 0.07 0.00
ERIE_WT_PWR 323693	18.69 -0.89 0.00	18.59 -0.79 0.00	19.80 -0.73 0.00	19.38 -0.67 0.00	19.07 -0.47 0.04	19.67 -0.58 0.00	23.06 -0.79 0.00	23.60 -0.93 0.00	21.49 -1.14 0.00	21.22 -1.06 0.00	22.16 -1.11 0.00	26.10 -1.43 0.00	23.87 -1.30 0.00	24.76 -1.25 0.00	23.73 -1.24 0.00	26.95 -1.31 0.18	27.49 -1.66 0.00	31.76 -2.01 0.00	33.68 -2.22 0.00	27.56 -1.71 0.00	25.35 -1.50 0.00	22.82 -1.14 0.00	23.80 -0.53 0.00	23.64 -0.29 0.00
ESPRGFLD_115KV_TB1 80157	20.41 0.84 0.00	20.20 0.81 0.00	21.40 0.87 0.00	20.95 0.90 0.00	20.49 0.90 0.00	21.26 1.00 0.00	25.13 1.28 0.00	25.84 1.31 0.00	23.78 1.15 0.00	23.43 1.14 0.00	24.40 1.13 0.00	28.84 1.31 0.00	26.35 1.18 0.00	27.21 1.19 0.00	26.11 1.15 0.00	29.71 1.29 0.00	30.45 1.30 0.00	35.33 1.55 0.00	37.59 1.69 0.00	30.74 1.48 0.00	28.12 1.27 0.00	25.11 1.16 0.00	25.48 1.15 0.00	25.05 1.12 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.61 0.03 0.00	19.42 0.04 0.00	20.58 0.05 0.00	20.11 0.06 0.00	19.70 0.11 0.00	20.42 0.15 0.00	24.04 0.19 0.00	24.77 0.24 0.00	22.83 0.20 0.00	22.46 0.17 0.00	23.43 0.16 0.00	27.69 0.16 0.00	25.31 0.14 0.00	26.13 0.11 0.00	25.08 0.12 0.00	28.63 0.20 0.00	29.36 0.21 0.00	34.08 0.30 0.00	36.18 0.28 0.00	29.55 0.29 0.00	27.06 0.22 0.00	24.15 0.20 0.00	24.60 0.27 0.00	24.17 0.24 0.00
ETNA____115KV_TB2 80207	19.61 0.03 0.00	19.42 0.04 0.00	20.58 0.05 0.00	20.11 0.06 0.00	19.70 0.11 0.00	20.42 0.15 0.00	24.04 0.19 0.00	24.77 0.24 0.00	22.83 0.20 0.00	22.46 0.17 0.00	23.43 0.16 0.00	27.69 0.16 0.00	25.31 0.14 0.00	26.13 0.11 0.00	25.08 0.12 0.00	28.63 0.20 0.00	29.36 0.21 0.00	34.08 0.30 0.00	36.18 0.28 0.00	29.55 0.29 0.00	27.06 0.22 0.00	24.15 0.20 0.00	24.60 0.27 0.00	24.17 0.24 0.00
EUCLID__115KV_TB2 356179	19.14 -0.44 0.00	18.96 -0.43 0.00	20.09 -0.45 0.00	19.63 -0.42 0.00	19.20 -0.39 0.00	19.84 -0.42 0.00	23.30 -0.55 0.00	23.92 -0.61 0.00	22.06 -0.57 0.00	21.72 -0.57 0.00	22.64 -0.63 0.00	26.75 -0.78 0.00	24.46 -0.71 0.00	25.29 -0.73 0.00	24.27 -0.69 0.00	27.65 -0.77 0.00	28.35 -0.80 0.00	32.86 -0.92 0.00	34.86 -1.04 0.00	28.46 -0.81 0.00	26.13 -0.72 0.00	23.34 -0.62 0.00	23.83 -0.50 0.00	23.49 -0.44 0.00
E_CANADA_CAP_HY 24051	20.65 1.07 0.00	20.42 1.04 0.00	21.65 1.11 0.00	21.22 1.17 0.00	20.75 1.17 0.00	21.51 1.25 0.00	25.41 1.56 0.00	26.09 1.56 0.00	24.03 1.40 0.00	23.69 1.40 0.00	24.66 1.39 0.00	29.14 1.61 0.00	26.62 1.46 0.00	27.52 1.50 0.00	26.41 1.44 0.00	30.02 1.60 0.00	30.69 1.54 0.00	35.56 1.78 0.00	37.85 1.95 0.00	30.94 1.67 0.00	28.29 1.45 0.00	25.24 1.29 0.00	25.62 1.29 0.00	25.19 1.26 0.00
E_CANADA_MHWK_HY 24050	19.19 -0.39 0.00	19.00 -0.39 0.00	20.10 -0.44 0.00	19.64 -0.41 0.00	19.20 -0.39 0.00	19.96 -0.30 0.00	23.55 -0.29 0.00	24.45 -0.08 0.00	22.67 0.04 0.00	22.28 -0.01 0.00	23.27 0.00 0.00	27.53 0.00 0.00	25.21 0.04 0.00	25.98 -0.03 0.00	24.92 -0.04 0.00	28.35 -0.08 0.00	29.13 -0.01 0.00	33.84 0.06 0.00	35.86 -0.04 0.00	29.05 -0.21 0.00	26.64 -0.21 0.00	23.68 -0.28 0.00	23.80 -0.53 0.00	23.15 -0.78 0.00
E_FISHKILL__LBMP 23776	20.00 0.42 0.00	19.78 0.40 0.00	20.91 0.38 0.00	20.46 0.41 0.00	19.97 0.39 0.00	20.74 0.48 0.00	24.51 0.66 0.00	25.36 0.83 0.00	23.41 0.78 0.00	23.04 0.75 0.00	24.12 0.85 0.00	28.57 1.03 0.00	26.16 1.00 0.00	27.01 0.99 0.00	25.94 0.98 0.00	29.52 1.09 0.00	30.40 1.26 0.00	35.24 1.47 0.00	37.37 1.47 0.00	30.46 1.19 0.00	27.86 1.01 0.00	24.78 0.82 0.00	25.00 0.67 0.00	24.54 0.61 0.00
FALCON__SEABRD_CC1 323796	20.55 0.98 0.00	20.32 0.94 0.00	21.52 0.98 0.00	20.97 0.93 0.00	20.47 0.88 0.00	21.16 0.90 0.00	25.00 1.15 0.00	25.71 1.18 0.00	23.68 1.05 0.00	23.33 1.04 0.00	24.37 1.10 0.00	28.88 1.35 0.00	26.38 1.21 0.00	27.27 1.25 0.00	26.06 1.09 0.00	29.63 1.20 0.00	30.33 1.18 0.00	35.14 1.36 0.00	37.40 1.50 0.00	30.51 1.25 0.00	28.06 1.21 0.00	25.02 1.07 0.00	25.38 1.05 0.00	24.94 1.01 0.00
FALCON__SEABRD_CC2 323797	20.55 0.98 0.00	20.32 0.94 0.00	21.52 0.98 0.00	20.97 0.93 0.00	20.47 0.88 0.00	21.16 0.90 0.00	25.00 1.15 0.00	25.71 1.18 0.00	23.68 1.05 0.00	23.33 1.04 0.00	24.37 1.10 0.00	28.88 1.35 0.00	26.38 1.21 0.00	27.27 1.25 0.00	26.06 1.09 0.00	29.63 1.20 0.00	30.33 1.18 0.00	35.14 1.36 0.00	37.40 1.50 0.00	30.51 1.25 0.00	28.06 1.21 0.00	25.02 1.07 0.00	25.38 1.05 0.00	24.94 1.01 0.00

FAR ROCKAWAY___4 23548	20.55 0.98 0.00	20.31 0.94 0.00	21.43 0.91 0.00	20.94 0.89 0.00	20.46 0.87 0.00	21.30 1.04 0.00	25.23 1.38 0.00	26.10 1.58 0.00	24.13 1.51 0.00	23.76 1.46 0.00	31.22 1.70 -6.25	31.62 2.04 -2.05	29.40 1.92 -2.31	34.74 1.94 -6.79	27.66 1.88 -0.81	30.68 2.16 -0.10	44.56 2.21 -13.21	52.14 2.64 -15.72	38.67 2.77 0.00	31.50 2.23 0.00	29.15 2.00 -0.30	25.58 1.63 0.00	25.78 1.45 0.00	25.31 1.38 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.16 0.59 0.00	19.94 0.56 0.00	21.06 0.53 0.00	20.62 0.57 0.00	20.12 0.53 0.00	20.91 0.65 0.00	24.73 0.88 0.00	25.65 1.12 0.00	23.68 1.05 0.00	23.30 1.01 0.00	24.39 1.12 0.00	28.89 1.36 0.00	26.46 1.29 0.00	27.33 1.31 0.00	26.25 1.28 0.00	29.90 1.47 0.00	30.78 1.64 0.00	35.66 1.88 0.00	37.83 1.93 0.00	30.87 1.60 0.00	28.19 1.34 0.00	25.05 1.09 0.00	25.22 0.89 0.00	24.72 0.79 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.18 0.60 0.00	19.96 0.58 0.00	21.07 0.54 0.00	20.63 0.58 0.00	20.13 0.55 0.00	20.92 0.66 0.00	24.75 0.90 0.00	25.67 1.14 0.00	23.70 1.07 0.00	23.31 1.02 0.00	24.41 1.14 0.00	28.91 1.38 0.00	26.47 1.31 0.00	27.34 1.33 0.00	26.26 1.30 0.00	29.90 1.48 0.00	30.80 1.66 0.00	35.68 1.91 0.00	37.86 1.96 0.00	30.88 1.62 0.00	28.22 1.37 0.00	25.07 1.11 0.00	25.24 0.91 0.00	24.74 0.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.15 0.58 0.00	19.94 0.56 0.00	21.05 0.52 0.00	20.61 0.56 0.00	20.11 0.53 0.00	20.90 0.64 0.00	24.73 0.88 0.00	25.64 1.11 0.00	23.67 1.05 0.00	23.29 1.00 0.00	24.39 1.12 0.00	28.89 1.36 0.00	26.45 1.28 0.00	27.32 1.30 0.00	26.24 1.27 0.00	29.88 1.45 0.00	30.77 1.63 0.00	35.64 1.87 0.00	37.81 1.91 0.00	30.85 1.59 0.00	28.18 1.33 0.00	25.04 1.08 0.00	25.21 0.88 0.00	24.71 0.78 0.00
FARRAGUT___LBMP 323566	20.14 0.57 0.00	19.92 0.54 0.00	21.04 0.51 0.00	20.60 0.55 0.00	20.10 0.51 0.00	20.89 0.63 0.00	24.71 0.86 0.00	25.62 1.09 0.00	23.65 1.03 0.00	23.27 0.98 0.00	24.36 1.10 0.00	28.86 1.33 0.00	26.43 1.26 0.00	27.29 1.27 0.00	26.22 1.25 0.00	29.85 1.42 0.00	30.74 1.60 0.00	35.61 1.84 0.00	37.78 1.88 0.00	30.83 1.56 0.00	28.16 1.31 0.00	25.02 1.06 0.00	25.19 0.86 0.00	24.70 0.76 0.00
FENNER___WINDPWR 24204	19.67 0.09 0.00	19.50 0.11 0.00	20.66 0.13 0.00	20.19 0.14 0.00	19.77 0.18 0.00	20.52 0.26 0.00	24.21 0.36 0.00	24.93 0.41 0.00	22.97 0.35 0.00	22.60 0.31 0.00	23.57 0.30 0.00	27.89 0.36 0.00	25.52 0.36 0.00	26.30 0.28 0.00	25.27 0.31 0.00	28.80 0.38 0.00	29.59 0.44 0.00	34.30 0.52 0.00	36.41 0.51 0.00	29.70 0.44 0.00	27.22 0.37 0.00	24.22 0.27 0.00	24.54 0.21 0.00	24.10 0.17 0.00
FIBERTEK___ENERGY 23856	19.32 -0.25 0.00	19.14 -0.25 0.00	20.27 -0.26 0.00	19.81 -0.24 0.00	19.38 -0.20 0.00	20.04 -0.22 0.00	23.54 -0.31 0.00	24.19 -0.34 0.00	22.30 -0.32 0.00	21.96 -0.33 0.00	22.90 -0.37 0.00	27.06 -0.47 0.00	24.74 -0.43 0.00	25.57 -0.45 0.00	24.55 -0.42 0.00	27.98 -0.45 0.00	28.68 -0.46 0.00	33.26 -0.51 0.00	35.30 -0.60 0.00	28.81 -0.46 0.00	26.43 -0.41 0.00	23.60 -0.36 0.00	24.09 -0.24 0.00	23.72 -0.21 0.00
FITZPATRICK___ 23598	18.93 -0.64 0.00	18.76 -0.62 0.00	19.88 -0.66 0.00	19.42 -0.63 0.00	18.98 -0.60 0.00	19.60 -0.66 0.00	22.99 -0.86 0.00	23.58 -0.95 0.00	21.75 -0.87 0.00	21.43 -0.86 0.00	22.35 -0.92 0.00	26.40 -1.13 0.00	24.15 -1.02 0.00	24.95 -1.06 0.00	23.95 -1.01 0.00	27.29 -1.14 0.00	27.97 -1.18 0.00	32.42 -1.35 0.00	34.41 -1.49 0.00	28.06 -1.21 0.00	25.76 -1.09 0.00	23.02 -0.94 0.00	23.52 -0.81 0.00	23.19 -0.74 0.00
FLOWRFLD_69_KV_BK1 356044	20.70 1.13 0.00	20.45 1.07 0.00	21.57 1.04 0.00	21.06 1.01 0.00	20.58 0.99 0.00	21.42 1.16 0.00	25.39 1.54 0.00	26.17 1.64 0.00	24.25 1.62 0.00	23.82 1.53 0.00	31.36 1.84 -6.25	31.79 2.21 -2.05	29.50 2.02 -2.31	34.88 2.07 -6.79	27.69 1.91 -0.81	30.73 2.19 -0.10	44.84 2.49 -13.21	52.47 2.97 -15.72	38.85 2.96 0.00	31.53 2.27 0.00	29.30 2.15 -0.30	25.65 1.69 0.00	25.81 1.48 0.00	25.50 1.57 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.23 0.65 0.00	20.01 0.62 0.00	21.15 0.62 0.00	20.69 0.64 0.00	20.20 0.61 0.00	20.99 0.73 0.00	24.82 0.97 0.00	25.70 1.18 0.00	23.73 1.10 0.00	23.34 1.05 0.00	24.45 1.18 0.00	28.96 1.43 0.00	26.52 1.35 0.00	27.38 1.36 0.00	26.30 1.33 0.00	29.94 1.51 0.00	30.84 1.70 0.00	35.77 1.99 0.00	37.92 2.03 0.00	30.91 1.65 0.00	28.27 1.42 0.00	25.12 1.16 0.00	25.35 1.02 0.00	24.86 0.93 0.00
FORT ORANGE___ 23900	19.73 0.15 0.00	19.53 0.15 0.00	20.66 0.13 0.00	20.20 0.14 0.00	19.74 0.15 0.00	20.43 0.17 0.00	24.06 0.22 0.00	24.84 0.31 0.00	22.99 0.36 0.00	22.63 0.34 0.00	23.60 0.33 0.00	27.96 0.43 0.00	25.56 0.39 0.00	26.42 0.40 0.00	25.35 0.38 0.00	28.86 0.44 0.00	29.69 0.55 0.00	34.43 0.65 0.00	36.47 0.57 0.00	29.66 0.40 0.00	27.24 0.38 0.00	24.24 0.29 0.00	24.51 0.18 0.00	24.06 0.12 0.00
FORT_DRUM_COGEN 23780	19.34 -0.24 0.00	19.13 -0.25 0.00	20.35 -0.18 0.00	19.91 -0.14 0.00	19.48 -0.11 0.00	20.21 -0.05 0.00	23.84 -0.01 0.00	24.55 0.02 0.00	22.75 0.13 0.00	22.37 0.08 0.00	23.27 0.00 0.00	27.63 0.10 0.00	25.25 0.08 0.00	26.05 0.04 0.00	24.95 -0.01 0.00	28.40 -0.03 0.00	29.12 -0.02 0.00	33.72 -0.05 0.00	35.74 -0.16 0.00	29.07 -0.20 0.00	26.52 -0.33 0.00	23.57 -0.39 0.00	23.75 -0.58 0.00	23.31 -0.62 0.00
FOX_HILLS___ESR 323835	20.27 0.70 0.00	20.10 0.71 0.00	21.26 0.73 0.00	20.83 0.78 0.00	20.31 0.72 0.00	21.10 0.84 0.00	24.97 1.12 0.00	25.84 1.31 0.00	23.76 1.13 0.00	23.35 1.06 0.00	24.45 1.18 0.00	28.96 1.44 0.00	26.51 1.34 0.00	56.64 1.30 -29.31	53.82 1.26 -27.60	151.16 1.45 -121.28	322.15 1.68 -291.33	62.23 1.91 -26.54	100.65 1.92 -62.83	170.68 1.67 -139.75	61.10 1.34 -32.91	79.67 1.14 -54.58	25.30 0.96 -0.01	24.81 0.87 0.00
FPL_FAR_ROCK_GT1 24212	20.55 0.98 0.00	20.31 0.94 0.00	21.43 0.90 0.00	20.94 0.89 0.00	20.45 0.87 0.00	21.29 1.04 0.00	25.23 1.38 0.00	26.10 1.58 0.00	24.13 1.51 0.00	23.76 1.47 0.00	31.21 1.70 -6.25	31.62 2.04 -2.05	29.39 1.91 -2.31	34.74 1.93 -6.79	27.66 1.88 -0.81	30.69 2.15 -0.10	44.56 2.21 -13.21	52.14 2.64 -15.72	38.68 2.78 0.00	31.50 2.23 0.00	29.15 1.99 -0.30	25.58 1.63 0.00	25.78 1.45 0.00	25.31 1.38 0.00
FPL_FAR_ROCK_GT2 23815	20.55 0.98 0.00	20.31 0.94 0.00	21.43 0.90 0.00	20.94 0.89 0.00	20.45 0.87 0.00	21.29 1.04 0.00	25.23 1.38 0.00	26.10 1.58 0.00	24.13 1.51 0.00	23.76 1.47 0.00	31.21 1.70 -6.25	31.62 2.04 -2.05	29.39 1.91 -2.31	34.74 1.93 -6.79	27.66 1.88 -0.81	30.69 2.15 -0.10	44.56 2.21 -13.21	52.14 2.64 -15.72	38.68 2.78 0.00	31.50 2.23 0.00	29.15 1.99 -0.30	25.58 1.63 0.00	25.78 1.45 0.00	25.31 1.38 0.00



FRANKLIN_FALL_HYD 24054	20.41 0.83 0.00	20.18 0.80 0.00	21.38 0.85 0.00	20.85 0.80 0.00	20.34 0.76 0.00	20.99 0.73 0.00	24.79 0.94 0.00	25.48 0.95 0.00	23.49 0.86 0.00	23.17 0.88 0.00	24.18 0.91 0.00	28.65 1.12 0.00	26.15 0.98 0.00	27.05 1.03 0.00	25.88 0.92 0.00	29.37 0.94 0.00	30.00 0.86 0.00	34.77 1.00 0.00	37.18 1.28 0.00	30.34 1.07 0.00	27.86 1.02 0.00	24.85 0.89 0.00	25.16 0.83 0.00	24.70 0.76 0.00
FREEPORT_EQUS_GT1 23764	20.49 0.91 0.00	20.25 0.86 0.00	21.37 0.84 0.00	20.87 0.83 0.00	20.39 0.80 0.00	21.22 0.96 0.00	25.15 1.30 0.00	26.00 1.48 0.00	24.05 1.42 0.00	23.66 1.37 0.00	31.13 1.61 -6.25	31.51 1.93 -2.05	29.27 1.80 -2.31	34.66 1.85 -6.79	27.55 1.77 -0.81	30.55 2.02 -0.10	44.62 2.26 -13.21	52.10 2.60 -15.72	38.55 2.65 0.00	31.37 2.11 0.00	29.05 1.89 -0.30	25.49 1.53 0.00	25.69 1.36 0.00	25.25 1.32 0.00
FREEPORT___CT2 23818	20.49 0.91 0.00	20.25 0.86 0.00	21.37 0.84 0.00	20.87 0.83 0.00	20.39 0.80 0.00	21.22 0.96 0.00	25.15 1.30 0.00	26.00 1.48 0.00	24.05 1.42 0.00	23.66 1.37 0.00	31.13 1.61 -6.25	31.51 1.93 -2.05	29.27 1.80 -2.31	34.66 1.85 -6.79	27.55 1.77 -0.81	30.55 2.02 -0.10	44.62 2.26 -13.21	52.10 2.60 -15.72	38.55 2.65 0.00	31.37 2.11 0.00	29.05 1.89 -0.30	25.49 1.53 0.00	25.69 1.36 0.00	25.25 1.32 0.00
FRESHKLS_33_KV_LOAD 356253	20.26 0.68 0.00	20.11 0.73 0.00	21.31 0.78 0.00	20.88 0.83 0.00	20.36 0.78 0.00	21.14 0.88 0.00	25.00 1.16 0.00	25.85 1.32 0.00	23.72 1.09 0.00	23.30 1.01 0.00	24.40 1.13 0.00	28.90 1.37 0.00	26.44 1.27 0.00	56.54 1.21 -29.31	53.73 1.17 -27.60	148.23 1.34 -118.47	321.17 1.60 -290.43	61.29 1.84 -25.68	99.10 1.83 -61.38	170.62 1.61 -139.75	61.03 1.28 -32.91	79.62 1.09 -54.58	25.25 0.92 -0.01	24.77 0.84 0.00
FULTON COGEN____ 23766	19.06 -0.52 0.00	18.88 -0.50 0.00	20.00 -0.53 0.00	19.54 -0.51 0.00	19.11 -0.48 0.00	19.75 -0.51 0.00	23.18 -0.66 0.00	23.80 -0.73 0.00	21.97 -0.66 0.00	21.63 -0.66 0.00	22.56 -0.71 0.00	26.65 -0.87 0.00	24.37 -0.80 0.00	25.20 -0.81 0.00	24.19 -0.78 0.00	27.56 -0.87 0.00	28.27 -0.88 0.00	32.78 -1.00 0.00	34.77 -1.13 0.00	28.35 -0.92 0.00	26.01 -0.84 0.00	23.23 -0.73 0.00	23.71 -0.62 0.00	23.36 -0.58 0.00
FULTON___LFGE 323630	21.31 1.74 0.00	21.07 1.69 0.00	22.30 1.77 0.00	21.82 1.77 0.00	21.36 1.77 0.00	22.21 1.95 0.00	26.29 2.44 0.00	27.11 2.58 0.00	25.06 2.43 0.00	24.64 2.35 0.00	25.65 2.38 0.00	30.18 2.65 0.00	27.70 2.53 0.00	28.59 2.58 0.00	27.53 2.56 0.00	31.42 2.99 0.00	32.32 3.17 0.00	37.50 3.73 0.00	39.85 3.95 0.00	32.46 3.20 0.00	29.63 2.78 0.00	26.34 2.38 0.00	26.60 2.27 0.00	26.08 2.14 0.00
G.F.CEMENT___DRP 24184	20.39 0.81 0.00	20.15 0.77 0.00	21.33 0.80 0.00	20.83 0.79 0.00	20.35 0.77 0.00	21.18 0.92 0.00	25.07 1.22 0.00	25.93 1.40 0.00	24.02 1.39 0.00	23.66 1.37 0.00	24.72 1.45 0.00	29.22 1.69 0.00	26.73 1.56 0.00	27.60 1.58 0.00	26.42 1.46 0.00	30.12 1.69 0.00	31.11 1.97 0.00	36.11 2.33 0.00	38.17 2.28 0.00	30.86 1.60 0.00	28.26 1.41 0.00	25.15 1.19 0.00	25.37 1.04 0.00	24.89 0.96 0.00
GARDENVILLE___LBMP 24039	18.61 -0.97 0.00	18.51 -0.87 0.00	19.71 -0.82 0.00	19.30 -0.75 0.00	19.03 -0.55 0.00	19.59 -0.67 0.00	22.97 -0.88 0.00	23.49 -1.04 0.00	21.39 -1.23 0.00	21.12 -1.17 0.00	22.04 -1.23 0.00	25.98 -1.55 0.00	23.96 -1.41 -0.20	27.65 -1.37 -3.01	26.07 -1.35 -2.46	31.32 -1.43 -4.32	32.49 -1.78 -5.12	36.12 -2.15 -4.50	40.50 -2.36 -6.96	29.76 -1.82 -2.32	26.34 -1.61 -1.10	23.48 -1.22 -0.75	23.72 -0.61 0.00	23.55 -0.38 0.00
GARDNVLA_35_KV_LD 355827	18.69 -0.88 0.00	18.59 -0.79 0.00	19.80 -0.73 0.00	19.38 -0.67 0.00	19.12 -0.47 0.00	19.68 -0.58 0.00	23.08 -0.77 0.00	23.61 -0.92 0.00	21.51 -1.12 0.00	21.24 -1.05 0.00	22.17 -1.10 0.00	26.13 -1.40 0.00	23.89 -1.28 0.00	24.79 -1.23 0.00	23.76 -1.21 0.00	27.16 -1.27 0.00	27.51 -1.63 0.00	31.80 -1.98 0.00	33.71 -2.19 0.00	27.58 -1.68 0.00	25.37 -1.48 0.00	22.84 -1.12 0.00	23.82 -0.51 0.00	23.65 -0.28 0.00
GELCKHM___115KV_LOAD 80723	19.21 -0.37 0.00	19.03 -0.35 0.00	20.16 -0.37 0.00	19.70 -0.35 0.00	19.27 -0.32 0.00	19.91 -0.35 0.00	23.39 -0.45 0.00	24.02 -0.51 0.00	22.16 -0.47 0.00	21.81 -0.48 0.00	22.74 -0.52 0.00	26.87 -0.66 0.00	24.57 -0.59 0.00	25.40 -0.62 0.00	24.38 -0.58 0.00	27.78 -0.64 0.00	28.48 -0.66 0.00	33.02 -0.75 0.00	35.04 -0.86 0.00	28.60 -0.66 0.00	26.24 -0.61 0.00	23.44 -0.52 0.00	23.93 -0.40 0.00	23.58 -0.35 0.00
GENERAL___MILLS 23808	18.68 -0.90 0.00	18.57 -0.81 0.00	19.78 -0.75 0.00	19.36 -0.69 0.00	19.10 -0.48 0.00	19.65 -0.60 0.00	23.05 -0.80 0.00	23.58 -0.95 0.00	21.48 -1.15 0.00	21.21 -1.08 0.00	22.13 -1.14 0.00	26.08 -1.45 0.00	23.85 -1.31 0.00	24.74 -1.27 0.00	23.72 -1.25 0.00	27.11 -1.32 0.00	27.47 -1.68 0.00	31.75 -2.03 0.00	33.65 -2.24 0.00	27.54 -1.72 0.00	25.33 -1.52 0.00	22.81 -1.15 0.00	23.79 -0.54 0.00	23.62 -0.31 0.00
GE_PLASTICS___DRP 24183	19.70 0.13 0.00	19.50 0.12 0.00	20.64 0.11 0.00	20.18 0.13 0.00	19.71 0.12 0.00	20.41 0.15 0.00	24.03 0.18 0.00	24.80 0.27 0.00	22.93 0.31 0.00	22.57 0.28 0.00	23.56 0.29 0.00	27.91 0.38 0.00	25.52 0.36 0.00	26.38 0.36 0.00	25.31 0.35 0.00	28.81 0.39 0.00	29.61 0.46 0.00	34.32 0.55 0.00	36.38 0.48 0.00	29.61 0.34 0.00	27.17 0.32 0.00	24.21 0.25 0.00	24.49 0.15 0.00	24.05 0.12 0.00
GILBOA___1 23756	19.77 0.19 0.00	19.56 0.18 0.00	20.71 0.18 0.00	20.25 0.20 0.00	19.78 0.19 0.00	20.50 0.24 0.00	24.17 0.32 0.00	24.94 0.41 0.00	23.03 0.40 0.00	22.66 0.37 0.00	23.68 0.41 0.00	28.05 0.52 0.00	25.65 0.48 0.00	26.49 0.48 0.00	25.44 0.47 0.00	28.96 0.54 0.00	29.74 0.60 0.00	34.45 0.68 0.00	36.59 0.69 0.00	29.82 0.55 0.00	27.32 0.48 0.00	24.35 0.39 0.00	24.65 0.32 0.00	24.22 0.29 0.00
GILBOA___2 23757	19.77 0.19 0.00	19.56 0.18 0.00	20.71 0.18 0.00	20.25 0.20 0.00	19.78 0.19 0.00	20.50 0.24 0.00	24.17 0.32 0.00	24.94 0.41 0.00	23.03 0.40 0.00	22.66 0.37 0.00	23.68 0.41 0.00	28.05 0.52 0.00	25.65 0.48 0.00	26.49 0.48 0.00	25.44 0.47 0.00	28.96 0.54 0.00	29.74 0.60 0.00	34.45 0.68 0.00	36.59 0.69 0.00	29.82 0.55 0.00	27.32 0.48 0.00	24.35 0.39 0.00	24.65 0.32 0.00	24.22 0.29 0.00
GILBOA___3 23758	19.77 0.19 0.00	19.56 0.18 0.00	20.71 0.18 0.00	20.25 0.20 0.00	19.78 0.19 0.00	20.50 0.24 0.00	24.17 0.32 0.00	24.94 0.41 0.00	23.03 0.40 0.00	22.66 0.37 0.00	23.68 0.41 0.00	28.05 0.52 0.00	25.65 0.48 0.00	26.49 0.48 0.00	25.44 0.47 0.00	28.96 0.54 0.00	29.74 0.60 0.00	34.45 0.68 0.00	36.59 0.69 0.00	29.82 0.55 0.00	27.32 0.48 0.00	24.35 0.39 0.00	24.65 0.32 0.00	24.22 0.29 0.00

GILBOA___4 23759	19.77 0.19 0.00	19.56 0.18 0.00	20.71 0.18 0.00	20.25 0.20 0.00	19.78 0.19 0.00	20.50 0.24 0.00	24.17 0.32 0.00	24.94 0.41 0.00	23.03 0.40 0.00	22.66 0.37 0.00	23.68 0.41 0.00	28.05 0.52 0.00	25.65 0.48 0.00	26.49 0.48 0.00	25.44 0.47 0.00	28.96 0.54 0.00	29.74 0.60 0.00	34.45 0.68 0.00	36.59 0.69 0.00	29.82 0.55 0.00	27.32 0.48 0.00	24.35 0.39 0.00	24.65 0.32 0.00	24.22 0.29 0.00
GILBOA____ 23599	19.77 0.19 0.00	19.56 0.18 0.00	20.71 0.18 0.00	20.25 0.20 0.00	19.78 0.19 0.00	20.50 0.24 0.00	24.17 0.32 0.00	24.94 0.41 0.00	23.03 0.40 0.00	22.66 0.37 0.00	23.68 0.41 0.00	28.05 0.52 0.00	25.65 0.48 0.00	26.49 0.48 0.00	25.44 0.47 0.00	28.96 0.54 0.00	29.74 0.60 0.00	34.45 0.68 0.00	36.59 0.69 0.00	29.81 0.55 0.00	27.32 0.48 0.00	24.35 0.39 0.00	24.65 0.32 0.00	24.22 0.29 0.00
GINNA____ 23603	18.07 -1.51 0.00	17.92 -1.47 0.00	19.04 -1.49 0.00	18.63 -1.42 0.00	18.27 -1.31 0.01	18.88 -1.38 0.00	22.21 -1.64 0.00	22.78 -1.75 0.00	20.91 -1.72 0.00	20.64 -1.65 0.00	21.54 -1.73 0.00	25.41 -2.12 0.00	23.23 -1.94 0.00	24.07 -1.95 0.00	23.10 -1.86 0.00	26.29 -2.07 0.06	26.90 -2.24 0.00	31.10 -2.68 0.00	32.95 -2.95 0.00	26.87 -2.39 0.00	24.69 -2.16 0.00	22.07 -1.88 0.00	22.73 -1.60 0.00	22.47 -1.46 0.00
GLEN PARK____ 23778	19.32 -0.25 0.00	19.12 -0.27 0.00	20.34 -0.19 0.00	19.89 -0.16 0.00	19.47 -0.12 0.00	20.20 -0.05 0.00	23.85 0.00 0.00	24.56 0.04 0.00	22.77 0.14 0.00	22.39 0.10 0.00	23.30 0.03 0.00	27.66 0.13 0.00	25.28 0.11 0.00	26.10 0.08 0.00	24.99 0.02 0.00	28.45 0.03 0.00	29.21 0.06 0.00	33.83 0.05 0.00	35.82 -0.07 0.00	29.13 -0.13 0.00	26.57 -0.28 0.00	23.62 -0.34 0.00	23.80 -0.53 0.00	23.35 -0.59 0.00
GLENDALE_27_KV_LOAD 356172	20.29 0.71 0.00	20.07 0.68 0.00	21.17 0.64 0.00	20.74 0.69 0.00	20.23 0.65 0.00	21.03 0.77 0.00	24.89 1.05 0.00	25.83 1.30 0.00	23.84 1.21 0.00	23.45 1.16 0.00	24.55 1.28 0.00	29.08 1.55 0.00	26.62 1.45 0.00	27.48 1.46 0.00	26.39 1.43 0.00	30.06 1.64 0.00	30.96 1.82 0.00	35.86 2.09 0.00	38.05 2.15 0.00	31.08 1.81 0.00	28.34 1.49 0.00	25.19 1.24 0.00	25.35 1.02 0.00	24.85 0.92 0.00
GLENWOOD_IC_1_G5 23712	20.45 0.87 0.00	20.22 0.84 0.00	21.34 0.81 0.00	20.85 0.81 0.00	20.37 0.78 0.00	21.20 0.94 0.00	25.11 1.26 0.00	25.98 1.45 0.00	24.02 1.40 0.00	23.64 1.35 0.00	31.10 1.58 -6.25	31.48 1.90 -2.05	29.25 1.77 -2.31	34.61 1.80 -6.79	27.51 1.74 -0.81	30.51 1.98 -0.10	44.56 2.20 -13.21	51.96 2.46 -15.72	38.40 2.50 0.00	31.32 2.05 0.00	28.98 1.83 -0.30	25.44 1.48 0.00	25.63 1.30 0.00	25.19 1.26 0.00
GLENWOOD_IC_2_G1 23688	20.40 0.82 0.00	20.17 0.79 0.00	21.29 0.76 0.00	20.80 0.76 0.00	20.32 0.73 0.00	21.14 0.88 0.00	25.04 1.19 0.00	25.90 1.37 0.00	23.95 1.33 0.00	23.56 1.27 0.00	31.01 1.49 -6.25	31.37 1.79 -2.05	29.15 1.67 -2.31	34.52 1.71 -6.79	27.43 1.66 -0.81	30.41 1.88 -0.10	44.44 2.09 -13.21	51.89 2.39 -15.72	38.32 2.42 0.00	31.22 1.95 0.00	28.89 1.73 -0.30	25.36 1.41 0.00	25.56 1.23 0.00	25.12 1.19 0.00
GLENWOOD_IC_3_G1 23689	20.40 0.82 0.00	20.17 0.79 0.00	21.29 0.76 0.00	20.80 0.76 0.00	20.32 0.73 0.00	21.14 0.88 0.00	25.04 1.19 0.00	25.90 1.37 0.00	23.95 1.33 0.00	23.56 1.27 0.00	31.01 1.49 -6.25	31.37 1.79 -2.05	29.15 1.67 -2.31	34.52 1.71 -6.79	27.43 1.66 -0.81	30.41 1.88 -0.10	44.44 2.09 -13.21	51.89 2.39 -15.72	38.32 2.42 0.00	31.22 1.95 0.00	28.89 1.73 -0.30	25.36 1.41 0.00	25.56 1.23 0.00	25.12 1.19 0.00
GLENWOOD___4 23550	20.45 0.87 0.00	20.22 0.84 0.00	21.34 0.81 0.00	20.85 0.81 0.00	20.37 0.78 0.00	21.20 0.94 0.00	25.11 1.26 0.00	25.98 1.45 0.00	24.02 1.40 0.00	23.64 1.35 0.00	31.10 1.58 -6.25	31.48 1.90 -2.05	29.25 1.77 -2.31	34.61 1.80 -6.79	27.51 1.74 -0.81	30.51 1.98 -0.10	44.56 2.20 -13.21	51.98 2.49 -15.72	38.42 2.52 0.00	31.32 2.05 0.00	28.98 1.83 -0.30	25.44 1.48 0.00	25.63 1.30 0.00	25.19 1.26 0.00
GLENWOOD___5 23614	20.45 0.87 0.00	20.22 0.84 0.00	21.34 0.81 0.00	20.85 0.81 0.00	20.37 0.78 0.00	21.20 0.94 0.00	25.11 1.26 0.00	25.98 1.45 0.00	24.02 1.40 0.00	23.64 1.35 0.00	31.10 1.58 -6.25	31.48 1.90 -2.05	29.25 1.77 -2.31	34.61 1.80 -6.79	27.51 1.74 -0.81	30.51 1.98 -0.10	44.56 2.20 -13.21	51.98 2.49 -15.72	38.42 2.52 0.00	31.32 2.05 0.00	28.98 1.83 -0.30	25.44 1.48 0.00	25.63 1.30 0.00	25.19 1.26 0.00
GLOBAL GREEN_PORT_GT1 23814	21.31 1.74 0.00	21.04 1.66 0.00	22.19 1.66 0.00	21.68 1.63 0.00	21.20 1.62 0.00	22.08 1.82 0.00	26.20 2.35 0.00	26.90 2.37 0.00	24.94 2.31 0.00	24.45 2.15 0.00	32.02 2.50 -6.25	32.58 2.99 -2.05	30.16 2.68 -2.31	35.56 2.74 -6.79	28.27 2.50 -0.81	31.39 2.86 -0.10	45.66 3.30 -13.21	53.52 4.02 -15.72	39.85 3.95 0.00	32.19 2.92 0.00	29.97 2.82 -0.30	26.14 2.19 0.00	26.24 1.91 0.00	26.09 2.16 0.00
GLOBE___DSASP 323697	17.99 -1.58 0.00	17.92 -1.47 0.00	19.10 -1.43 0.00	18.70 -1.35 0.00	18.44 -1.14 0.00	18.95 -1.31 0.00	22.19 -1.66 0.00	22.55 -1.97 0.00	20.51 -2.12 0.00	20.26 -2.03 0.00	21.14 -2.14 0.00	24.89 -2.64 0.00	22.75 -2.42 0.00	23.65 -2.37 0.00	22.66 -2.31 0.00	25.86 -2.56 0.00	26.17 -2.98 0.00	30.17 -3.61 0.00	31.95 -3.95 0.00	26.12 -3.14 0.00	24.10 -2.75 0.00	21.72 -2.24 0.00	22.82 -1.51 0.00	22.74 -1.19 0.00
GOETHSLN___LBMP 323567	20.05 0.47 0.00	19.83 0.45 0.00	20.93 0.40 0.00	20.50 0.45 0.00	19.99 0.41 0.00	20.78 0.52 0.00	24.58 0.74 0.00	25.50 0.98 0.00	23.55 0.92 0.00	23.16 0.87 0.00	24.24 0.98 0.00	28.72 1.19 0.00	25.91 1.13 0.38	21.33 1.16 5.84	21.32 1.13 4.78	21.33 1.30 8.39	20.65 1.46 9.95	26.70 1.67 8.74	24.08 1.72 13.53	26.19 1.43 4.51	25.89 1.18 2.14	23.45 0.95 1.45	25.08 0.75 0.00	24.59 0.65 0.00
GOLAH___69_KV_TB 1_2 80279	18.90 -0.67 0.00	18.76 -0.63 0.00	19.95 -0.58 0.00	19.52 -0.53 0.00	19.19 -0.40 0.00	19.80 -0.46 0.00	23.28 -0.57 0.00	23.84 -0.69 0.00	21.84 -0.79 0.00	21.56 -0.72 0.00	22.50 -0.77 0.00	26.52 -1.01 0.00	24.23 -0.93 0.00	25.15 -0.87 0.00	24.13 -0.84 0.00	27.54 -0.89 0.00	28.05 -1.09 0.00	32.43 -1.35 0.00	34.36 -1.54 0.00	28.04 -1.23 0.00	25.76 -1.09 0.00	23.10 -0.86 0.00	23.90 -0.43 0.00	23.65 -0.28 0.00
GOODYEAR_LAKE_HYD 323669	20.07 0.49 0.00	19.86 0.47 0.00	21.02 0.49 0.00	20.56 0.51 0.00	20.11 0.52 0.00	20.88 0.62 0.00	24.67 0.82 0.00	25.43 0.90 0.00	23.44 0.82 0.00	23.08 0.78 0.00	24.06 0.79 0.00	28.47 0.94 0.00	26.02 0.85 0.00	26.86 0.84 0.00	25.78 0.81 0.00	29.36 0.93 0.00	30.13 0.99 0.00	34.97 1.20 0.00	37.17 1.27 0.00	30.35 1.08 0.00	27.77 0.93 0.00	24.79 0.83 0.00	25.13 0.80 0.00	24.68 0.74 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	19.35 -0.23 0.00	19.17 -0.21 0.00	20.31 -0.22 0.00	19.85 -0.19 0.00	19.45 -0.14 0.00	20.15 -0.11 0.00	23.73 -0.12 0.00	24.49 -0.04 0.00	22.52 -0.10 0.00	22.15 -0.14 0.00	23.10 -0.17 0.00	27.31 -0.22 0.00	24.98 -0.19 0.00	25.78 -0.23 0.00	24.74 -0.22 0.00	28.23 -0.19 0.00	28.90 -0.24 0.00	33.57 -0.20 0.00	35.66 -0.24 0.00	29.15 -0.12 0.00	26.67 -0.18 0.00	23.86 -0.10 0.00	24.33 0.00 0.00	23.88 -0.05 0.00
GOUDEY___7 23579	19.36 -0.21 0.00	19.19 -0.20 0.00	20.32 -0.20 0.00	19.87 -0.18 0.00	19.46 -0.12 0.00	20.17 -0.09 0.00	23.75 -0.10 0.00	24.51 -0.02 0.00	22.55 -0.08 0.00	22.17 -0.12 0.00	23.12 -0.15 0.00	27.33 -0.20 0.00	25.00 -0.16 0.00	25.81 -0.20 0.00	24.76 -0.21 0.00	28.26 -0.16 0.00	28.93 -0.21 0.00	33.61 -0.17 0.00	35.70 -0.20 0.00	29.18 -0.09 0.00	26.69 -0.16 0.00	23.88 -0.07 0.00	24.35 0.02 0.00	23.90 -0.03 0.00
GOUDEY___8 23580	19.35 -0.23 0.00	19.17 -0.21 0.00	20.31 -0.22 0.00	19.85 -0.19 0.00	19.45 -0.14 0.00	20.15 -0.11 0.00	23.73 -0.12 0.00	24.49 -0.04 0.00	22.52 -0.10 0.00	22.15 -0.14 0.00	23.10 -0.17 0.00	27.31 -0.22 0.00	24.98 -0.19 0.00	25.78 -0.23 0.00	24.74 -0.22 0.00	28.23 -0.19 0.00	28.90 -0.24 0.00	33.57 -0.20 0.00	35.66 -0.24 0.00	29.15 -0.12 0.00	26.67 -0.18 0.00	23.86 -0.10 0.00	24.33 0.00 0.00	23.88 -0.05 0.00
GOWANUS_GT1_1 24077	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT1_2 24078	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT1_3 24079	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT1_4 24080	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT1_5 24084	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT1_6 24111	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT1_7 24112	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT1_8 24113	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT2_1 24114	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT2_2 24115	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT2_3 24116	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT2_4 24117	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00

GOWANUS_GT2_5 24118	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT2_6 24119	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT2_7 24120	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT2_8 24121	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT3_1 24122	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT3_2 24123	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT3_3 24124	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT3_4 24125	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT3_5 24126	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT3_6 24127	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT3_7 24128	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT3_8 24129	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT4_1 24130	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT4_2 24131	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT4_3 24132	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00

GOWANUS_GT4_4 24133	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT4_5 24134	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT4_6 24135	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT4_7 24136	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GOWANUS_GT4_8 24137	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GREENBSH_115KV_TB3 55895	19.60 0.03 0.00	19.41 0.03 0.00	20.54 0.01 0.00	20.08 0.03 0.00	19.61 0.03 0.00	20.31 0.05 0.00	23.91 0.06 0.00	24.67 0.14 0.00	22.83 0.20 0.00	22.47 0.18 0.00	23.44 0.17 0.00	27.78 0.25 0.00	25.41 0.24 0.00	26.26 0.24 0.00	25.19 0.22 0.00	28.68 0.25 0.00	29.48 0.34 0.00	34.17 0.39 0.00	36.20 0.30 0.00	29.44 0.17 0.00	27.03 0.18 0.00	24.08 0.12 0.00	24.34 0.01 0.00	23.91 -0.02 0.00
GREENDGE_115KV_TB5 80291	19.22 -0.36 0.00	19.01 -0.37 0.00	20.16 -0.38 0.00	19.71 -0.34 0.00	19.36 -0.23 0.00	20.03 -0.22 0.00	23.62 -0.23 0.00	24.34 -0.19 0.00	22.36 -0.27 0.00	22.00 -0.29 0.00	22.97 -0.30 0.00	27.13 -0.40 0.00	24.79 -0.37 0.00	25.60 -0.42 0.00	24.56 -0.40 0.00	28.10 -0.32 0.00	28.65 -0.49 0.00	33.05 -0.73 0.00	35.22 -0.67 0.00	28.90 -0.36 0.00	26.51 -0.34 0.00	23.72 -0.24 0.00	24.29 -0.04 0.00	23.91 -0.02 0.00
GREENIDGE___3 23582	19.22 -0.36 0.00	19.01 -0.37 0.00	20.16 -0.38 0.00	19.71 -0.34 0.00	19.36 -0.23 0.00	20.03 -0.22 0.00	23.62 -0.23 0.00	24.34 -0.19 0.00	22.36 -0.27 0.00	22.00 -0.29 0.00	22.97 -0.30 0.00	27.13 -0.40 0.00	24.79 -0.37 0.00	25.60 -0.42 0.00	24.56 -0.40 0.00	28.10 -0.32 0.00	28.65 -0.49 0.00	33.05 -0.73 0.00	35.22 -0.67 0.00	28.90 -0.36 0.00	26.51 -0.34 0.00	23.72 -0.24 0.00	24.29 -0.04 0.00	23.91 -0.02 0.00
GREENIDGE___4 23583	19.22 -0.36 0.00	19.01 -0.37 0.00	20.15 -0.38 0.00	19.71 -0.34 0.00	19.37 -0.23 -0.01	20.04 -0.22 0.00	23.62 -0.23 0.00	24.34 -0.19 0.00	22.36 -0.27 0.00	22.00 -0.29 0.00	22.97 -0.30 0.00	27.13 -0.40 0.00	24.79 -0.37 0.00	25.60 -0.42 0.00	24.57 -0.40 0.00	28.14 -0.35 -0.06	28.64 -0.50 0.00	33.05 -0.73 0.00	35.22 -0.68 0.00	28.90 -0.36 0.00	26.51 -0.34 0.00	23.72 -0.24 0.00	24.29 -0.04 0.00	23.92 -0.02 0.00
GREENLWN_69_KV_BK 3 55738	20.37 0.80 0.00	20.15 0.77 0.00	21.27 0.74 0.00	20.77 0.73 0.00	20.29 0.71 0.00	21.10 0.84 0.00	25.01 1.16 0.00	25.83 1.30 0.00	23.91 1.28 0.00	23.51 1.22 0.00	30.99 1.47 -6.25	31.33 1.76 -2.05	29.12 1.64 -2.31	34.50 1.69 -6.79	27.37 1.59 -0.81	30.33 1.81 -0.10	44.39 2.04 -13.21	51.85 2.35 -15.72	38.22 2.33 0.00	31.10 1.84 0.00	28.83 1.68 -0.30	25.30 1.34 0.00	25.50 1.17 0.00	25.10 1.17 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00
GRISSOM___SOLAR 323813	21.31 1.74 0.00	21.07 1.69 0.00	22.30 1.77 0.00	21.82 1.77 0.00	21.36 1.77 0.00	22.21 1.95 0.00	26.29 2.44 0.00	27.11 2.58 0.00	25.06 2.43 0.00	24.64 2.35 0.00	25.65 2.38 0.00	30.18 2.65 0.00	27.70 2.53 0.00	28.59 2.58 0.00	27.53 2.56 0.00	31.42 2.99 0.00	32.32 3.17 0.00	37.50 3.73 0.00	39.85 3.95 0.00	32.46 3.20 0.00	29.63 2.78 0.00	26.34 2.38 0.00	26.60 2.27 0.00	26.08 2.14 0.00
GROVEVILLE___HYD 323602	20.23 0.65 0.00	20.01 0.62 0.00	21.15 0.62 0.00	20.69 0.64 0.00	20.20 0.61 0.00	20.99 0.73 0.00	24.82 0.97 0.00	25.70 1.18 0.00	23.73 1.10 0.00	23.34 1.05 0.00	24.45 1.18 0.00	28.96 1.43 0.00	26.52 1.35 0.00	27.38 1.36 0.00	26.30 1.33 0.00	29.94 1.51 0.00	30.84 1.70 0.00	35.77 1.99 0.00	37.92 2.03 0.00	30.91 1.65 0.00	28.27 1.42 0.00	25.12 1.16 0.00	25.35 1.02 0.00	24.86 0.93 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.32 -0.25 0.00	19.14 -0.25 0.00	20.27 -0.26 0.00	19.81 -0.24 0.00	19.38 -0.20 0.00	20.04 -0.22 0.00	23.54 -0.31 0.00	24.19 -0.34 0.00	22.30 -0.32 0.00	21.96 -0.33 0.00	22.90 -0.37 0.00	27.06 -0.47 0.00	24.74 -0.43 0.00	25.57 -0.45 0.00	24.55 -0.42 0.00	27.98 -0.45 0.00	28.68 -0.46 0.00	33.26 -0.51 0.00	35.30 -0.60 0.00	28.81 -0.46 0.00	26.43 -0.41 0.00	23.60 -0.36 0.00	24.09 -0.24 0.00	23.72 -0.21 0.00
HAMLTNNY_34_KV_TB 80303	19.30 -0.27 0.00	19.13 -0.26 0.00	20.26 -0.27 0.00	19.80 -0.25 0.00	19.37 -0.21 0.00	20.03 -0.23 0.00	23.55 -0.30 0.00	24.20 -0.33 0.00	22.31 -0.32 0.00	21.97 -0.32 0.00	22.92 -0.35 0.00	27.08 -0.45 0.00	24.76 -0.41 0.00	25.59 -0.43 0.00	24.57 -0.40 0.00	28.00 -0.43 0.00	28.70 -0.44 0.00	33.28 -0.49 0.00	35.31 -0.58 0.00	28.82 -0.45 0.00	26.43 -0.42 0.00	23.60 -0.36 0.00	24.10 -0.23 0.00	23.74 -0.19 0.00

HAMPSHIRE___PAPER_HYD 323593	19.42 -0.16 0.00	19.23 -0.16 0.00	20.43 -0.10 0.00	19.96 -0.09 0.00	19.48 -0.10 0.00	20.13 -0.13 0.00	23.75 -0.10 0.00	24.41 -0.12 0.00	22.56 -0.06 0.00	22.22 -0.07 0.00	23.16 -0.11 0.00	27.46 -0.07 0.00	25.07 -0.10 0.00	25.89 -0.13 0.00	24.80 -0.17 0.00	28.24 -0.19 0.00	28.89 -0.25 0.00	33.39 -0.39 0.00	35.63 -0.26 0.00	29.04 -0.23 0.00	26.60 -0.25 0.00	23.65 -0.31 0.00	23.84 -0.49 0.00	23.43 -0.51 0.00
HARDSCRABBLE_WT_PWR 323673	19.28 -0.30 0.00	19.09 -0.29 0.00	20.21 -0.33 0.00	19.74 -0.31 0.00	19.30 -0.29 0.00	20.05 -0.21 0.00	23.65 -0.20 0.00	24.49 -0.04 0.00	22.68 0.06 0.00	22.29 0.00 0.00	23.27 0.00 0.00	27.51 -0.02 0.00	25.17 0.01 0.00	25.96 -0.06 0.00	24.87 -0.09 0.00	28.25 -0.17 0.00	29.00 -0.14 0.00	33.66 -0.12 0.00	35.70 -0.20 0.00	28.95 -0.32 0.00	26.55 -0.30 0.00	23.63 -0.32 0.00	23.77 -0.56 0.00	23.12 -0.81 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.10 0.53 0.00	19.89 0.50 0.00	21.02 0.49 0.00	20.56 0.51 0.00	20.07 0.49 0.00	20.86 0.61 0.00	24.67 0.82 0.00	25.54 1.01 0.00	23.57 0.94 0.00	23.17 0.88 0.00	24.26 0.99 0.00	28.74 1.20 0.00	26.30 1.13 0.00	27.16 1.14 0.00	26.08 1.11 0.00	29.71 1.28 0.00	30.60 1.46 0.00	35.50 1.72 0.00	37.64 1.74 0.00	30.69 1.43 0.00	28.06 1.21 0.00	24.95 0.99 0.00	25.17 0.84 0.00	24.70 0.76 0.00
HARSNRAD_115KV_TB1 81005	18.36 -1.21 0.00	18.27 -1.11 0.00	19.47 -1.06 0.00	19.06 -0.99 0.00	18.80 -0.79 0.00	19.33 -0.93 0.00	22.62 -1.23 0.00	23.03 -1.50 0.00	20.95 -1.68 0.00	20.71 -1.58 0.00	21.60 -1.67 0.00	25.44 -2.09 0.00	23.25 -1.92 0.00	24.16 -1.86 0.00	23.15 -1.82 0.00	26.44 -1.99 0.00	26.78 -2.37 0.00	30.91 -2.87 0.00	32.73 -3.17 0.00	26.76 -2.51 0.00	24.66 -2.19 0.00	22.21 -1.75 0.00	23.27 -1.06 0.00	23.16 -0.77 0.00
HARZA MOOSE___RIVER 24016	19.71 0.13 0.00	19.51 0.12 0.00	20.73 0.20 0.00	20.25 0.20 0.00	19.81 0.22 0.00	20.53 0.27 0.00	24.22 0.37 0.00	24.96 0.43 0.00	23.10 0.47 0.00	22.73 0.44 0.00	23.67 0.40 0.00	28.08 0.55 0.00	25.64 0.48 0.00	26.45 0.43 0.00	25.35 0.38 0.00	28.83 0.41 0.00	29.56 0.42 0.00	34.25 0.47 0.00	36.33 0.43 0.00	29.60 0.33 0.00	27.11 0.26 0.00	24.06 0.10 0.00	24.26 -0.07 0.00	23.86 -0.07 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.21 -0.37 0.00	19.03 -0.36 0.00	20.16 -0.37 0.00	19.70 -0.35 0.00	19.27 -0.32 0.00	19.92 -0.34 0.00	23.40 -0.45 0.00	24.04 -0.49 0.00	22.16 -0.46 0.00	21.81 -0.49 0.00	22.71 -0.55 0.00	26.84 -0.69 0.00	24.55 -0.62 0.00	25.37 -0.65 0.00	24.35 -0.61 0.00	27.75 -0.67 0.00	28.45 -0.69 0.00	32.99 -0.79 0.00	35.00 -0.90 0.00	28.58 -0.68 0.00	26.25 -0.60 0.00	23.45 -0.51 0.00	23.94 -0.39 0.00	23.59 -0.34 0.00
HELLGATE_13_KV_LD 55870	20.20 0.63 0.00	19.99 0.61 0.00	21.09 0.57 0.00	20.66 0.61 0.00	20.15 0.57 0.00	20.95 0.69 0.00	24.78 0.93 0.00	25.71 1.18 0.00	23.73 1.10 0.00	23.34 1.05 0.00	24.42 1.15 0.00	28.94 1.41 0.00	26.49 1.33 0.00	27.34 1.32 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.79 1.65 0.00	35.69 1.91 0.00	37.84 1.94 0.00	30.91 1.64 0.00	28.20 1.35 0.00	25.07 1.12 0.00	25.23 0.90 0.00	24.73 0.80 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.20 0.63 0.00	19.99 0.61 0.00	21.09 0.57 0.00	20.66 0.61 0.00	20.15 0.57 0.00	20.95 0.69 0.00	24.78 0.93 0.00	25.71 1.18 0.00	23.73 1.10 0.00	23.34 1.05 0.00	24.42 1.15 0.00	28.94 1.41 0.00	26.49 1.33 0.00	27.34 1.32 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.79 1.65 0.00	35.69 1.91 0.00	37.84 1.94 0.00	30.91 1.64 0.00	28.20 1.35 0.00	25.07 1.12 0.00	25.23 0.90 0.00	24.73 0.80 0.00
HEMPSTEAD___ 23647	20.36 0.79 0.00	20.13 0.75 0.00	21.25 0.72 0.00	20.76 0.71 0.00	20.28 0.69 0.00	21.10 0.84 0.00	25.00 1.16 0.00	25.86 1.33 0.00	23.91 1.28 0.00	23.53 1.24 0.00	30.98 1.46 -6.25	31.34 1.76 -2.05	29.12 1.64 -2.31	34.49 1.68 -6.79	27.39 1.62 -0.81	30.37 1.84 -0.10	44.42 2.06 -13.21	51.86 2.37 -15.72	38.28 2.38 0.00	31.18 1.91 0.00	28.86 1.70 -0.30	25.32 1.36 0.00	25.52 1.19 0.00	25.08 1.15 0.00
HEWLETT___69_KV_BK3 55828	20.46 0.89 0.00	20.24 0.85 0.00	21.35 0.82 0.00	20.86 0.81 0.00	20.37 0.79 0.00	21.21 0.95 0.00	25.12 1.27 0.00	25.99 1.46 0.00	24.02 1.40 0.00	23.65 1.36 0.00	31.11 1.59 -6.25	31.48 1.90 -2.05	29.27 1.79 -2.31	34.61 1.80 -6.79	27.53 1.76 -0.81	30.54 2.01 -0.10	44.48 2.12 -13.21	51.99 2.49 -15.72	38.49 2.59 0.00	31.34 2.08 0.00	29.00 1.84 -0.30	25.47 1.51 0.00	25.66 1.33 0.00	25.20 1.27 0.00
HICKLING___1 23621	19.08 -0.50 0.00	18.94 -0.44 0.00	20.08 -0.45 0.00	19.64 -0.40 0.00	19.30 -0.29 0.00	20.00 -0.26 0.00	23.54 -0.30 0.00	24.32 -0.21 0.00	22.29 -0.34 0.00	21.90 -0.39 0.00	22.84 -0.43 0.00	27.01 -0.52 0.00	24.70 -0.47 0.00	25.47 -0.55 0.00	24.41 -0.56 0.00	27.97 -0.45 0.00	28.49 -0.65 0.00	33.12 -0.65 0.00	35.31 -0.59 0.00	28.93 -0.33 0.00	26.40 -0.45 0.00	23.70 -0.26 0.00	24.27 -0.06 0.00	23.85 -0.08 0.00
HICKLING___2 23622	19.08 -0.50 0.00	18.94 -0.44 0.00	20.08 -0.45 0.00	19.64 -0.40 0.00	19.30 -0.29 0.00	20.00 -0.26 0.00	23.54 -0.30 0.00	24.32 -0.21 0.00	22.29 -0.34 0.00	21.90 -0.39 0.00	22.84 -0.43 0.00	27.01 -0.52 0.00	24.70 -0.47 0.00	25.47 -0.55 0.00	24.41 -0.56 0.00	27.97 -0.45 0.00	28.49 -0.65 0.00	33.12 -0.65 0.00	35.31 -0.59 0.00	28.93 -0.33 0.00	26.40 -0.45 0.00	23.70 -0.26 0.00	24.27 -0.06 0.00	23.85 -0.08 0.00
HIGH FALLS___HY 23754	20.23 0.66 0.00	20.00 0.62 0.00	21.13 0.60 0.00	20.67 0.63 0.00	20.19 0.60 0.00	21.00 0.74 0.00	24.86 1.01 0.00	25.76 1.24 0.00	23.77 1.15 0.00	23.38 1.09 0.00	24.50 1.23 0.00	28.98 1.45 0.00	26.54 1.37 0.00	27.39 1.37 0.00	26.33 1.37 0.00	30.02 1.59 0.00	30.94 1.80 0.00	35.90 2.12 0.00	38.09 2.19 0.00	31.08 1.81 0.00	28.39 1.54 0.00	25.22 1.26 0.00	25.43 1.10 0.00	24.93 1.00 0.00
HILLBURN___GT 23639	20.06 0.48 0.00	19.85 0.46 0.00	20.98 0.45 0.00	20.52 0.47 0.00	20.03 0.45 0.00	20.83 0.57 0.00	24.62 0.77 0.00	25.50 0.98 0.00	23.53 0.90 0.00	23.12 0.83 0.00	24.21 0.93 0.00	28.67 1.14 0.00	26.24 1.07 0.00	27.09 1.07 0.00	26.02 1.06 0.00	29.63 1.20 0.00	30.52 1.38 0.00	35.39 1.61 0.00	37.53 1.64 0.00	30.63 1.37 0.00	27.99 1.14 0.00	24.88 0.93 0.00	25.11 0.78 0.00	24.64 0.71 0.00
HILLSIDE_115KV_TB1 80332	18.90 -0.67 0.00	18.76 -0.63 0.00	19.88 -0.65 0.00	19.43 -0.62 0.00	19.08 -0.51 0.00	19.78 -0.48 0.00	23.28 -0.57 0.00	24.08 -0.45 0.00	22.08 -0.54 0.00	21.70 -0.59 0.00	22.62 -0.65 0.00	26.74 -0.78 0.00	24.47 -0.70 0.00	25.23 -0.78 0.00	24.17 -0.79 0.00	27.66 -0.77 0.00	28.22 -0.93 0.00	32.83 -0.95 0.00	34.95 -0.94 0.00	28.63 -0.64 0.00	26.11 -0.74 0.00	23.45 -0.50 0.00	23.99 -0.34 0.00	23.51 -0.42 0.00

HISHELDN_WT_PWR 323625	18.51 -1.07 0.00	18.43 -0.95 0.00	19.63 -0.90 0.00	19.21 -0.83 0.00	18.93 -0.64 0.02	19.52 -0.74 0.00	22.85 -1.00 0.00	23.41 -1.12 0.00	21.35 -1.28 0.00	21.03 -1.26 0.00	21.97 -1.30 0.00	25.92 -1.61 0.00	23.71 -1.46 0.00	24.55 -1.47 0.00	23.51 -1.45 0.00	26.85 -1.49 0.08	27.27 -1.87 0.00	31.51 -2.27 0.00	33.58 -2.32 0.00	27.50 -1.76 0.00	25.27 -1.58 0.00	22.74 -1.22 0.00	23.64 -0.69 0.00	23.48 -0.45 0.00
HOLTSVILLE_IC_1 23690	20.70 1.13 0.00	20.45 1.07 0.00	21.58 1.05 0.00	21.06 1.02 0.00	20.59 1.00 0.00	21.43 1.17 0.00	25.38 1.53 0.00	26.13 1.60 0.00	24.21 1.58 0.00	23.77 1.48 0.00	31.28 1.76 -6.25	31.69 2.11 -2.05	29.41 1.93 -2.31	34.77 1.96 -6.79	27.59 1.81 -0.81	30.60 2.07 -0.10	44.70 2.35 -13.21	52.30 2.81 -15.72	38.67 2.77 0.00	31.40 2.14 0.00	29.20 2.04 -0.30	25.56 1.60 0.00	25.73 1.40 0.00	25.48 1.55 0.00
HOLTSVILLE_IC_10 23699	20.80 1.22 0.00	20.55 1.16 0.00	21.67 1.14 0.00	21.15 1.11 0.00	20.68 1.09 0.00	21.53 1.27 0.00	25.51 1.66 0.00	26.25 1.72 0.00	24.33 1.70 0.00	23.88 1.59 0.00	31.41 1.89 -6.25	31.86 2.27 -2.05	29.55 2.07 -2.31	34.92 2.11 -6.79	27.72 1.95 -0.81	30.76 2.23 -0.10	44.88 2.53 -13.21	52.53 3.04 -15.72	38.90 3.00 0.00	31.57 2.31 0.00	29.36 2.21 -0.30	25.69 1.74 0.00	25.86 1.54 0.00	25.61 1.68 0.00
HOLTSVILLE_IC_2 23691	20.70 1.13 0.00	20.45 1.07 0.00	21.58 1.05 0.00	21.06 1.02 0.00	20.59 1.00 0.00	21.43 1.17 0.00	25.38 1.53 0.00	26.13 1.60 0.00	24.21 1.58 0.00	23.77 1.48 0.00	31.28 1.76 -6.25	31.69 2.11 -2.05	29.41 1.93 -2.31	34.77 1.96 -6.79	27.59 1.81 -0.81	30.60 2.07 -0.10	44.70 2.35 -13.21	52.30 2.81 -15.72	38.67 2.77 0.00	31.40 2.14 0.00	29.20 2.04 -0.30	25.56 1.60 0.00	25.73 1.40 0.00	25.48 1.55 0.00
HOLTSVILLE_IC_3 23692	20.70 1.13 0.00	20.45 1.07 0.00	21.58 1.05 0.00	21.06 1.02 0.00	20.59 1.00 0.00	21.43 1.17 0.00	25.38 1.53 0.00	26.13 1.60 0.00	24.21 1.58 0.00	23.77 1.48 0.00	31.28 1.76 -6.25	31.69 2.11 -2.05	29.41 1.93 -2.31	34.77 1.96 -6.79	27.59 1.81 -0.81	30.60 2.07 -0.10	44.70 2.35 -13.21	52.30 2.81 -15.72	38.67 2.77 0.00	31.40 2.14 0.00	29.20 2.04 -0.30	25.56 1.60 0.00	25.73 1.40 0.00	25.48 1.55 0.00
HOLTSVILLE_IC_4 23693	20.70 1.13 0.00	20.45 1.07 0.00	21.58 1.05 0.00	21.06 1.02 0.00	20.59 1.00 0.00	21.43 1.17 0.00	25.38 1.53 0.00	26.13 1.60 0.00	24.21 1.58 0.00	23.77 1.48 0.00	31.28 1.76 -6.25	31.69 2.11 -2.05	29.41 1.93 -2.31	34.77 1.96 -6.79	27.59 1.81 -0.81	30.60 2.07 -0.10	44.70 2.35 -13.21	52.30 2.81 -15.72	38.67 2.77 0.00	31.40 2.14 0.00	29.20 2.04 -0.30	25.56 1.60 0.00	25.73 1.40 0.00	25.48 1.55 0.00
HOLTSVILLE_IC_5 23694	20.70 1.13 0.00	20.45 1.07 0.00	21.58 1.05 0.00	21.06 1.02 0.00	20.59 1.00 0.00	21.43 1.17 0.00	25.38 1.53 0.00	26.13 1.60 0.00	24.21 1.58 0.00	23.77 1.48 0.00	31.28 1.76 -6.25	31.69 2.11 -2.05	29.41 1.93 -2.31	34.77 1.96 -6.79	27.59 1.81 -0.81	30.60 2.07 -0.10	44.70 2.35 -13.21	52.30 2.81 -15.72	38.67 2.77 0.00	31.40 2.14 0.00	29.20 2.04 -0.30	25.56 1.60 0.00	25.73 1.40 0.00	25.48 1.55 0.00
HOLTSVILLE_IC_6 23695	20.80 1.22 0.00	20.55 1.16 0.00	21.67 1.14 0.00	21.15 1.11 0.00	20.68 1.09 0.00	21.53 1.27 0.00	25.51 1.66 0.00	26.25 1.72 0.00	24.33 1.70 0.00	23.88 1.59 0.00	31.41 1.89 -6.25	31.86 2.27 -2.05	29.55 2.07 -2.31	34.92 2.11 -6.79	27.72 1.95 -0.81	30.76 2.23 -0.10	44.88 2.53 -13.21	52.53 3.04 -15.72	38.90 3.00 0.00	31.57 2.31 0.00	29.36 2.21 -0.30	25.69 1.74 0.00	25.86 1.54 0.00	25.61 1.68 0.00
HOLTSVILLE_IC_7 23696	20.80 1.22 0.00	20.55 1.16 0.00	21.67 1.14 0.00	21.15 1.11 0.00	20.68 1.09 0.00	21.53 1.27 0.00	25.51 1.66 0.00	26.25 1.72 0.00	24.33 1.70 0.00	23.88 1.59 0.00	31.41 1.89 -6.25	31.86 2.27 -2.05	29.55 2.07 -2.31	34.92 2.11 -6.79	27.72 1.95 -0.81	30.76 2.23 -0.10	44.88 2.53 -13.21	52.53 3.04 -15.72	38.90 3.00 0.00	31.57 2.31 0.00	29.36 2.21 -0.30	25.69 1.74 0.00	25.86 1.54 0.00	25.61 1.68 0.00
HOLTSVILLE_IC_8 23697	20.80 1.22 0.00	20.55 1.16 0.00	21.67 1.14 0.00	21.15 1.11 0.00	20.68 1.09 0.00	21.53 1.27 0.00	25.51 1.66 0.00	26.25 1.72 0.00	24.33 1.70 0.00	23.88 1.59 0.00	31.41 1.89 -6.25	31.86 2.27 -2.05	29.55 2.07 -2.31	34.92 2.11 -6.79	27.72 1.95 -0.81	30.76 2.23 -0.10	44.88 2.53 -13.21	52.53 3.04 -15.72	38.90 3.00 0.00	31.57 2.31 0.00	29.36 2.21 -0.30	25.69 1.74 0.00	25.86 1.54 0.00	25.61 1.68 0.00
HOLTSVILLE_IC_9 23698	20.80 1.22 0.00	20.55 1.16 0.00	21.67 1.14 0.00	21.15 1.11 0.00	20.68 1.09 0.00	21.53 1.27 0.00	25.51 1.66 0.00	26.25 1.72 0.00	24.33 1.70 0.00	23.88 1.59 0.00	31.41 1.89 -6.25	31.86 2.27 -2.05	29.55 2.07 -2.31	34.92 2.11 -6.79	27.72 1.95 -0.81	30.76 2.23 -0.10	44.88 2.53 -13.21	52.53 3.04 -15.72	38.90 3.00 0.00	31.57 2.31 0.00	29.36 2.21 -0.30	25.69 1.74 0.00	25.86 1.54 0.00	25.61 1.68 0.00
HOMER_HL_115KV_TB2 355744	19.32 -0.25 0.00	19.20 -0.18 0.00	20.39 -0.14 0.00	19.96 -0.09 0.00	19.65 0.07 0.00	20.31 0.05 0.00	23.91 0.06 0.00	24.63 0.10 0.00	22.51 -0.12 0.00	22.13 -0.16 0.00	22.89 -0.38 0.00	26.86 -0.67 0.00	24.60 -0.57 0.00	25.44 -0.58 0.00	24.39 -0.57 0.00	27.93 -0.49 0.00	28.41 -0.73 0.00	32.92 -0.85 0.00	34.96 -0.93 0.00	28.69 -0.57 0.00	26.30 -0.55 0.00	23.76 -0.20 0.00	24.62 0.29 0.00	24.33 0.40 0.00
HOWARD_WT_PWR 323690	18.49 -1.08 0.00	18.47 -0.92 0.00	19.59 -0.94 0.00	19.14 -0.91 0.00	18.99 -0.61 -0.02	19.65 -0.61 0.00	23.16 -0.69 0.00	23.69 -0.83 0.00	21.69 -0.94 0.00	21.23 -1.06 0.00	22.28 -0.99 0.00	26.34 -1.19 0.00	24.01 -1.16 0.00	24.58 -1.43 0.00	23.60 -1.36 0.00	27.46 -1.03 -0.07	27.65 -1.49 0.00	32.20 -1.58 0.00	34.67 -1.23 0.00	28.39 -0.87 0.00	25.98 -0.87 0.00	23.38 -0.58 0.00	24.15 -0.17 0.00	23.96 0.03 0.00
HQ_GEN_CEDARS 23644	20.10 0.53 0.00	19.91 0.52 0.00	21.10 0.57 0.00	20.59 0.55 0.00	20.09 0.50 0.00	20.68 0.42 0.00	24.39 0.54 0.00	25.01 0.48 0.00	23.03 0.40 0.00	22.72 0.43 0.00	23.72 0.45 0.00	28.08 0.54 0.00	25.62 0.46 0.00	26.52 0.51 0.00	25.43 0.47 0.00	28.97 0.55 0.00	29.58 0.44 0.00	34.09 0.31 0.00	36.64 0.74 0.00	29.90 0.63 0.00	27.45 0.60 0.00	24.51 0.55 0.00	24.83 0.50 0.00	24.39 0.46 0.00
HQ_GEN_CEDARS_PROXY 323590	20.10 0.53 0.00	19.91 0.52 0.00	21.10 0.57 0.00	20.59 0.54 0.00	20.09 0.50 0.00	20.68 0.42 0.00	24.39 0.54 0.00	25.27 0.48 -0.25	23.03 0.40 -0.03	22.75 0.43 0.00	23.72 0.45 0.00	28.07 0.54 0.00	27.75 0.46 -2.13	26.52 0.51 0.00	25.43 0.47 0.00	28.97 0.54 0.00	29.58 0.44 0.00	34.09 0.31 0.00	36.64 0.74 0.00	29.90 0.63 0.00	27.45 0.60 0.00	24.51 0.55 0.00	24.83 0.50 0.00	24.39 0.46 0.00

HQ_GEN_IMPORT 323601	19.82 0.25 0.00	19.62 0.24 0.00	20.79 0.26 0.00	20.28 0.23 0.00	19.80 0.21 0.00	20.45 0.19 0.00	24.08 0.24 0.00	24.73 0.20 0.00	22.79 0.16 0.00	22.47 0.18 0.00	23.46 0.19 0.00	27.75 0.22 0.00	25.35 0.19 0.00	26.24 0.22 0.00	25.16 0.20 0.00	28.65 0.22 0.00	29.32 0.18 0.00	33.97 0.19 0.00	36.21 0.31 0.00	29.53 0.27 0.00	27.11 0.27 0.00	24.22 0.26 0.00	24.56 0.23 0.00	24.15 0.21 0.00
HQ_GEN_WHEEL 23651	19.82 0.25 0.00	19.62 0.24 0.00	20.79 0.26 0.00	20.28 0.23 0.00	19.80 0.21 0.00	20.45 0.19 0.00	24.08 0.24 0.00	24.73 0.20 0.00	22.79 0.16 0.00	22.47 0.18 0.00	23.46 0.19 0.00	27.75 0.22 0.00	25.35 0.19 0.00	26.24 0.22 0.00	25.16 0.20 0.00	28.65 0.22 0.00	29.32 0.18 0.00	33.97 0.19 0.00	36.21 0.31 0.00	29.53 0.27 0.00	27.11 0.27 0.00	24.22 0.26 0.00	24.56 0.23 0.00	24.15 0.21 0.00
HUDSON AVE_GT_3 23810	20.18 0.61 0.00	19.96 0.58 0.00	21.07 0.54 0.00	20.63 0.58 0.00	20.13 0.55 0.00	20.92 0.66 0.00	24.75 0.90 0.00	25.67 1.14 0.00	23.70 1.07 0.00	23.32 1.03 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.49 1.32 0.00	27.35 1.33 0.00	26.27 1.31 0.00	29.92 1.49 0.00	30.81 1.66 0.00	35.69 1.92 0.00	37.86 1.97 0.00	30.90 1.63 0.00	28.22 1.37 0.00	25.07 1.12 0.00	25.25 0.92 0.00	24.74 0.81 0.00
HUDSON AVE_GT_4 23540	20.18 0.61 0.00	19.96 0.58 0.00	21.07 0.54 0.00	20.63 0.58 0.00	20.13 0.55 0.00	20.92 0.66 0.00	24.75 0.90 0.00	25.67 1.14 0.00	23.70 1.07 0.00	23.32 1.03 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.49 1.32 0.00	27.35 1.33 0.00	26.27 1.31 0.00	29.92 1.49 0.00	30.81 1.66 0.00	35.69 1.92 0.00	37.86 1.97 0.00	30.90 1.63 0.00	28.22 1.37 0.00	25.07 1.12 0.00	25.25 0.92 0.00	24.74 0.81 0.00
HUDSON AVE_GT_5 23657	20.18 0.61 0.00	19.96 0.58 0.00	21.07 0.54 0.00	20.63 0.58 0.00	20.13 0.55 0.00	20.92 0.66 0.00	24.75 0.90 0.00	25.67 1.14 0.00	23.70 1.07 0.00	23.32 1.03 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.49 1.32 0.00	27.35 1.33 0.00	26.27 1.31 0.00	29.92 1.49 0.00	30.81 1.66 0.00	35.69 1.92 0.00	37.86 1.97 0.00	30.90 1.63 0.00	28.22 1.37 0.00	25.07 1.12 0.00	25.25 0.92 0.00	24.74 0.81 0.00
HUDSON_AVE_10 24168	20.12 0.55 0.00	19.91 0.52 0.00	21.03 0.50 0.00	20.58 0.53 0.00	20.08 0.49 0.00	20.87 0.61 0.00	24.67 0.83 0.00	25.59 1.07 0.00	23.63 1.00 0.00	23.26 0.97 0.00	24.36 1.09 0.00	28.86 1.33 0.00	26.43 1.27 0.00	27.29 1.28 0.00	26.22 1.26 0.00	29.87 1.44 0.00	30.75 1.60 0.00	35.62 1.84 0.00	37.77 1.87 0.00	30.82 1.56 0.00	28.15 1.30 0.00	25.02 1.06 0.00	25.19 0.86 0.00	24.68 0.75 0.00
HUDSON___115KV_TB 4 355613	20.04 0.47 0.00	19.83 0.45 0.00	20.99 0.46 0.00	20.51 0.46 0.00	20.05 0.46 0.00	20.77 0.51 0.00	24.48 0.63 0.00	25.28 0.76 0.00	23.42 0.79 0.00	23.06 0.77 0.00	24.02 0.75 0.00	28.42 0.89 0.00	25.99 0.82 0.00	26.86 0.84 0.00	25.76 0.80 0.00	29.35 0.93 0.00	30.23 1.09 0.00	35.08 1.30 0.00	37.15 1.26 0.00	30.20 0.94 0.00	27.72 0.87 0.00	24.66 0.71 0.00	24.92 0.59 0.00	24.43 0.50 0.00
HUNTER MOUNT___DRP 323613	20.19 0.62 0.00	19.97 0.59 0.00	21.14 0.61 0.00	20.66 0.61 0.00	20.19 0.61 0.00	20.92 0.66 0.00	24.67 0.82 0.00	25.48 0.95 0.00	23.61 0.99 0.00	23.26 0.97 0.00	24.22 0.95 0.00	28.62 1.09 0.00	26.17 1.00 0.00	27.06 1.04 0.00	25.94 0.98 0.00	29.56 1.13 0.00	30.45 1.31 0.00	35.35 1.57 0.00	37.44 1.54 0.00	30.41 1.15 0.00	27.91 1.07 0.00	24.83 0.87 0.00	25.09 0.76 0.00	24.58 0.65 0.00
HUNTINGTON_RES_REC 323705	20.52 0.95 0.00	20.28 0.89 0.00	21.39 0.86 0.00	20.89 0.84 0.00	20.41 0.82 0.00	21.24 0.98 0.00	25.18 1.33 0.00	25.98 1.45 0.00	24.06 1.43 0.00	23.65 1.36 0.00	31.15 1.62 -6.25	31.54 1.95 -2.05	29.29 1.81 -2.31	34.66 1.85 -6.79	27.52 1.74 -0.81	30.51 1.99 -0.10	44.60 2.25 -13.21	52.15 2.66 -15.72	38.53 2.63 0.00	31.31 2.05 0.00	29.05 1.89 -0.30	25.46 1.50 0.00	25.64 1.31 0.00	25.28 1.35 0.00
HUNTLEY___63 23557	18.48 -1.09 0.00	18.40 -0.99 0.00	19.60 -0.93 0.00	19.18 -0.87 0.00	18.92 -0.66 0.00	19.46 -0.80 0.00	22.80 -1.05 0.00	23.24 -1.29 0.00	21.15 -1.48 0.00	20.90 -1.40 0.00	21.81 -1.46 0.00	25.70 -1.83 0.00	23.49 -1.68 0.00	24.40 -1.62 0.00	23.38 -1.58 0.00	26.71 -1.71 0.00	27.06 -2.08 0.00	31.24 -2.54 0.00	33.08 -2.82 0.00	27.05 -2.22 0.00	24.92 -1.93 0.00	22.44 -1.52 0.00	23.50 -0.83 0.00	23.36 -0.57 0.00
HUNTLEY___64 23558	18.48 -1.09 0.00	18.40 -0.99 0.00	19.60 -0.93 0.00	19.18 -0.87 0.00	18.92 -0.66 0.00	19.46 -0.80 0.00	22.80 -1.05 0.00	23.24 -1.29 0.00	21.15 -1.48 0.00	20.90 -1.40 0.00	21.81 -1.46 0.00	25.70 -1.83 0.00	23.49 -1.68 0.00	24.40 -1.62 0.00	23.38 -1.58 0.00	26.71 -1.71 0.00	27.06 -2.08 0.00	31.24 -2.54 0.00	33.08 -2.82 0.00	27.05 -2.22 0.00	24.92 -1.93 0.00	22.44 -1.52 0.00	23.50 -0.83 0.00	23.36 -0.57 0.00
HUNTLEY___65 23559	18.48 -1.09 0.00	18.40 -0.99 0.00	19.60 -0.93 0.00	19.18 -0.87 0.00	18.92 -0.66 0.00	19.46 -0.80 0.00	22.80 -1.05 0.00	23.24 -1.29 0.00	21.15 -1.48 0.00	20.90 -1.40 0.00	21.81 -1.46 0.00	25.70 -1.83 0.00	23.49 -1.68 0.00	24.40 -1.62 0.00	23.38 -1.58 0.00	26.71 -1.71 0.00	27.06 -2.08 0.00	31.24 -2.54 0.00	33.08 -2.82 0.00	27.05 -2.22 0.00	24.92 -1.93 0.00	22.44 -1.52 0.00	23.50 -0.83 0.00	23.36 -0.57 0.00
HUNTLEY___66 23560	18.48 -1.09 0.00	18.40 -0.99 0.00	19.60 -0.93 0.00	19.18 -0.87 0.00	18.92 -0.66 0.00	19.46 -0.80 0.00	22.80 -1.05 0.00	23.24 -1.29 0.00	21.15 -1.48 0.00	20.90 -1.40 0.00	21.81 -1.46 0.00	25.70 -1.83 0.00	23.49 -1.68 0.00	24.40 -1.62 0.00	23.38 -1.58 0.00	26.71 -1.71 0.00	27.06 -2.08 0.00	31.24 -2.54 0.00	33.08 -2.82 0.00	27.05 -2.22 0.00	24.92 -1.93 0.00	22.44 -1.52 0.00	23.50 -0.83 0.00	23.36 -0.57 0.00
HUNTLEY___67 23561	18.39 -1.18 0.00	18.30 -1.09 0.00	19.50 -1.03 0.00	19.09 -0.96 0.00	18.83 -0.76 0.00	19.36 -0.90 0.00	22.69 -1.16 0.00	23.15 -1.37 0.00	21.08 -1.55 0.00	20.83 -1.47 0.00	21.72 -1.55 0.00	25.59 -1.94 0.00	23.40 -1.77 0.00	24.30 -1.72 0.00	23.28 -1.68 0.00	26.60 -1.83 0.00	26.94 -2.20 0.00	31.10 -2.68 0.00	32.96 -2.94 0.00	26.96 -2.31 0.00	24.83 -2.02 0.00	22.36 -1.60 0.00	23.39 -0.95 0.00	23.25 -0.68 0.00
HUNTLEY___68 23562	18.39 -1.18 0.00	18.30 -1.09 0.00	19.50 -1.03 0.00	19.09 -0.96 0.00	18.83 -0.76 0.00	19.36 -0.90 0.00	22.69 -1.16 0.00	23.15 -1.37 0.00	21.08 -1.55 0.00	20.83 -1.47 0.00	21.72 -1.55 0.00	25.59 -1.94 0.00	23.40 -1.77 0.00	24.30 -1.72 0.00	23.28 -1.68 0.00	26.60 -1.83 0.00	26.94 -2.20 0.00	31.10 -2.68 0.00	32.96 -2.94 0.00	26.96 -2.31 0.00	24.83 -2.02 0.00	22.36 -1.60 0.00	23.39 -0.95 0.00	23.25 -0.68 0.00



HYLAND___LFGE 323620	19.43 -0.15 0.00	19.31 -0.07 0.00	20.49 -0.03 0.00	20.04 0.00 0.00	19.76 0.17 0.00	20.46 0.20 0.00	24.13 0.28 0.00	24.82 0.29 0.00	22.72 0.09 0.00	22.37 0.08 0.00	23.26 -0.01 0.00	27.39 -0.14 0.00	25.00 -0.16 0.00	25.87 -0.15 0.00	24.97 0.01 0.00	28.68 0.25 0.00	29.22 0.07 0.00	33.91 0.14 0.00	36.15 0.26 0.00	29.53 0.26 0.00	27.03 0.18 0.00	24.18 0.22 0.00	24.91 0.58 0.00	24.61 0.67 0.00
INDECK___CORINTH 23802	20.33 0.76 0.00	20.09 0.71 0.00	21.27 0.74 0.00	20.77 0.72 0.00	20.30 0.71 0.00	21.12 0.86 0.00	24.98 1.13 0.00	25.84 1.31 0.00	23.93 1.30 0.00	23.55 1.26 0.00	24.60 1.33 0.00	29.08 1.55 0.00	26.59 1.42 0.00	27.46 1.44 0.00	26.30 1.33 0.00	29.96 1.54 0.00	30.93 1.79 0.00	35.91 2.13 0.00	37.96 2.07 0.00	30.72 1.46 0.00	28.13 1.28 0.00	25.03 1.07 0.00	25.26 0.93 0.00	24.77 0.84 0.00
INDECK___ILION 23567	19.44 -0.13 0.00	19.25 -0.13 0.00	20.38 -0.15 0.00	19.91 -0.14 0.00	19.46 -0.12 0.00	20.19 -0.07 0.00	23.80 -0.05 0.00	24.57 0.05 0.00	22.74 0.11 0.00	22.38 0.09 0.00	23.37 0.09 0.00	27.65 0.12 0.00	25.30 0.13 0.00	26.11 0.10 0.00	25.05 0.09 0.00	28.51 0.08 0.00	29.27 0.13 0.00	33.96 0.19 0.00	36.03 0.13 0.00	29.29 0.02 0.00	26.85 0.00 0.00	23.91 -0.05 0.00	24.16 -0.17 0.00	23.66 -0.27 0.00
INDECK___OLEAN 23982	19.32 -0.25 0.00	19.20 -0.18 0.00	20.39 -0.14 0.00	19.96 -0.09 0.00	19.59 0.06 0.06	20.31 0.05 0.00	23.91 0.06 0.00	24.63 0.10 0.00	22.51 -0.12 0.00	22.13 -0.17 0.00	22.90 -0.37 0.00	26.86 -0.67 0.00	24.60 -0.57 0.00	25.44 -0.58 0.00	24.39 -0.58 0.00	27.66 -0.51 0.26	28.41 -0.73 0.00	32.92 -0.85 0.00	34.95 -0.94 0.00	28.69 -0.57 0.00	26.29 -0.55 0.00	23.76 -0.20 0.00	24.62 0.28 0.00	24.33 0.40 0.00
INDECK___OSWEGO 23783	18.99 -0.58 0.00	18.81 -0.58 0.00	19.94 -0.60 0.00	19.47 -0.58 0.00	19.04 -0.54 0.00	19.67 -0.59 0.00	23.09 -0.76 0.00	23.70 -0.83 0.00	21.87 -0.75 0.00	21.54 -0.75 0.00	22.47 -0.81 0.00	26.54 -0.99 0.00	24.28 -0.89 0.00	25.09 -0.93 0.00	24.08 -0.89 0.00	27.43 -1.00 0.00	28.13 -1.01 0.00	32.62 -1.16 0.00	34.60 -1.30 0.00	28.22 -1.05 0.00	25.88 -0.97 0.00	23.11 -0.84 0.00	23.59 -0.74 0.00	23.24 -0.69 0.00
INDECK___YERKES 23781	18.50 -1.08 0.00	18.41 -0.98 0.00	19.61 -0.92 0.00	19.20 -0.85 0.00	18.90 -0.65 0.03	19.48 -0.78 0.00	22.82 -1.03 0.00	23.25 -1.28 0.00	21.17 -1.46 0.00	20.91 -1.38 0.00	21.84 -1.43 0.00	25.72 -1.81 0.00	23.51 -1.66 0.00	24.42 -1.60 0.00	23.39 -1.58 0.00	26.57 -1.71 0.16	27.07 -2.07 0.00	31.26 -2.52 0.00	33.10 -2.80 0.00	27.06 -2.21 0.00	24.93 -1.91 0.00	22.45 -1.50 0.00	23.50 -0.83 0.00	23.37 -0.56 0.00
INDIAN POINT_GT_1 24139	20.05 0.47 0.00	19.83 0.45 0.00	20.96 0.43 0.00	20.50 0.45 0.00	20.01 0.43 0.00	20.80 0.54 0.00	24.59 0.74 0.00	25.46 0.93 0.00	23.51 0.88 0.00	23.12 0.83 0.00	24.21 0.94 0.00	28.67 1.14 0.00	26.24 1.08 0.00	27.10 1.08 0.00	26.03 1.06 0.00	29.64 1.21 0.00	30.52 1.38 0.00	35.38 1.61 0.00	37.53 1.63 0.00	30.61 1.34 0.00	27.97 1.13 0.00	24.88 0.92 0.00	25.08 0.75 0.00	24.62 0.68 0.00
INDIAN POINT_GT_2 23659	20.05 0.47 0.00	19.83 0.45 0.00	20.96 0.43 0.00	20.50 0.45 0.00	20.01 0.43 0.00	20.80 0.54 0.00	24.59 0.74 0.00	25.46 0.93 0.00	23.51 0.88 0.00	23.12 0.83 0.00	24.21 0.94 0.00	28.67 1.14 0.00	26.24 1.08 0.00	27.10 1.08 0.00	26.03 1.06 0.00	29.64 1.21 0.00	30.52 1.38 0.00	35.38 1.61 0.00	37.53 1.63 0.00	30.61 1.34 0.00	27.97 1.13 0.00	24.88 0.92 0.00	25.08 0.75 0.00	24.62 0.68 0.00
INDIAN POINT_GT_3 24019	20.05 0.47 0.00	19.83 0.45 0.00	20.96 0.43 0.00	20.50 0.45 0.00	20.01 0.43 0.00	20.80 0.54 0.00	24.59 0.74 0.00	25.46 0.93 0.00	23.51 0.88 0.00	23.12 0.83 0.00	24.21 0.94 0.00	28.67 1.14 0.00	26.24 1.08 0.00	27.10 1.08 0.00	26.03 1.06 0.00	29.64 1.21 0.00	30.52 1.38 0.00	35.38 1.61 0.00	37.53 1.63 0.00	30.61 1.34 0.00	27.97 1.13 0.00	24.88 0.92 0.00	25.08 0.75 0.00	24.62 0.68 0.00
INDIAN POINT___2 23530	20.03 0.45 0.00	19.82 0.44 0.00	20.95 0.42 0.00	20.49 0.44 0.00	20.00 0.42 0.00	20.79 0.53 0.00	24.58 0.73 0.00	25.45 0.92 0.00	23.49 0.86 0.00	23.09 0.80 0.00	24.18 0.91 0.00	28.64 1.11 0.00	26.21 1.05 0.00	27.07 1.05 0.00	26.00 1.04 0.00	29.60 1.17 0.00	30.49 1.35 0.00	35.34 1.57 0.00	37.48 1.59 0.00	30.58 1.31 0.00	27.94 1.09 0.00	24.85 0.89 0.00	25.06 0.73 0.00	24.60 0.67 0.00
INDIAN POINT___3 23531	20.03 0.46 0.00	19.83 0.44 0.00	20.95 0.42 0.00	20.50 0.45 0.00	20.01 0.43 0.00	20.80 0.54 0.00	24.58 0.73 0.00	25.44 0.92 0.00	23.49 0.86 0.00	23.10 0.81 0.00	24.19 0.92 0.00	28.64 1.11 0.00	26.22 1.06 0.00	27.07 1.06 0.00	26.01 1.04 0.00	29.61 1.18 0.00	30.49 1.35 0.00	35.35 1.57 0.00	37.48 1.59 0.00	30.58 1.31 0.00	27.95 1.10 0.00	24.85 0.90 0.00	25.07 0.74 0.00	24.60 0.67 0.00
INGHAM_C_115KV_TB7 356103	19.19 -0.39 0.00	19.00 -0.39 0.00	20.10 -0.44 0.00	19.64 -0.41 0.00	19.20 -0.39 0.00	19.96 -0.30 0.00	23.55 -0.29 0.00	24.45 -0.08 0.00	22.67 0.04 0.00	22.28 -0.01 0.00	23.27 0.00 0.00	27.53 0.00 0.00	25.21 0.04 0.00	25.98 -0.03 0.00	24.92 -0.04 0.00	28.34 -0.08 0.00	29.13 -0.02 0.00	33.84 0.06 0.00	35.86 -0.04 0.00	29.05 -0.21 0.00	26.64 -0.21 0.00	23.68 -0.28 0.00	23.80 -0.53 0.00	23.15 -0.78 0.00
IP CORINTH___1 23988	20.33 0.76 0.00	20.09 0.71 0.00	21.27 0.74 0.00	20.77 0.72 0.00	20.30 0.71 0.00	21.12 0.86 0.00	24.98 1.13 0.00	25.84 1.31 0.00	23.93 1.30 0.00	23.55 1.26 0.00	24.60 1.33 0.00	29.08 1.55 0.00	26.59 1.42 0.00	27.46 1.44 0.00	26.29 1.33 0.00	29.96 1.54 0.00	30.93 1.79 0.00	35.91 2.13 0.00	37.96 2.07 0.00	30.72 1.46 0.00	28.13 1.28 0.00	25.03 1.07 0.00	25.26 0.93 0.00	24.77 0.84 0.00
IP___TICONDEROGA 23804	20.86 1.29 0.00	20.56 1.17 0.00	21.78 1.24 0.00	21.25 1.20 0.00	20.76 1.18 0.00	21.76 1.50 0.00	25.91 2.06 0.00	26.88 2.35 0.00	24.96 2.33 0.00	24.71 2.42 0.00	25.82 2.55 0.00	30.57 3.04 0.00	27.99 2.82 0.00	28.88 2.87 0.00	27.48 2.52 0.00	31.33 2.91 0.00	32.61 3.47 0.00	37.90 4.13 0.00	39.83 3.93 0.00	31.86 2.60 0.00	29.09 2.24 0.00	25.89 1.93 0.00	26.04 1.71 0.00	25.55 1.62 0.00
ISLIP_RES_REC 323679	20.87 1.30 0.00	20.61 1.23 0.00	21.74 1.21 0.00	21.22 1.17 0.00	20.74 1.16 0.00	21.60 1.34 0.00	25.60 1.75 0.00	26.35 1.82 0.00	24.43 1.81 0.00	23.99 1.70 0.00	31.54 2.01 -6.25	32.00 2.41 -2.05	29.68 2.21 -2.31	35.06 2.25 -6.79	27.85 2.07 -0.81	30.91 2.38 -0.10	45.05 2.70 -13.21	52.74 3.24 -15.72	39.12 3.22 0.00	31.74 2.47 0.00	29.51 2.35 -0.30	25.81 1.86 0.00	25.97 1.64 0.00	25.71 1.78 0.00

JAMAICA__27_KV_LOAD 355505	20.23 0.65 0.00	20.03 0.65 0.00	21.16 0.63 0.00	20.71 0.66 0.00	20.18 0.60 0.00	20.98 0.72 0.00	24.79 0.94 0.00	25.73 1.20 0.00	23.74 1.11 0.00	23.39 1.10 0.00	24.53 1.26 0.00	29.08 1.54 0.00	26.64 1.47 0.00	27.49 1.47 0.00	26.43 1.47 0.00	30.14 1.71 0.00	31.01 1.87 0.00	35.95 2.17 0.00	38.05 2.16 0.00	31.08 1.81 0.00	28.34 1.49 0.00	25.24 1.28 0.00	25.39 1.06 0.00	24.87 0.94 0.00
JANIS__SOLAR 323808	19.96 0.38 0.00	19.76 0.37 0.00	20.94 0.41 0.00	20.46 0.41 0.00	20.05 0.46 -0.01	20.83 0.57 0.00	24.62 0.77 0.00	25.38 0.85 0.00	23.39 0.77 0.00	23.00 0.71 0.00	23.96 0.69 0.00	28.29 0.76 0.00	25.84 0.67 0.00	26.63 0.61 0.00	25.57 0.61 0.00	29.27 0.81 -0.04	30.04 0.90 0.00	34.98 1.20 0.00	37.10 1.21 0.00	30.35 1.09 0.00	27.82 0.96 0.00	24.79 0.83 0.00	25.19 0.86 0.00	24.68 0.75 0.00
JARVIS____ 23743	19.54 -0.04 0.00	19.35 -0.04 0.00	20.49 -0.04 0.00	20.01 -0.04 0.00	19.55 -0.03 0.00	20.25 -0.01 0.00	23.85 0.00 0.00	24.55 0.02 0.00	22.67 0.04 0.00	22.33 0.04 0.00	23.32 0.05 0.00	27.59 0.05 0.00	25.23 0.06 0.00	26.07 0.05 0.00	25.02 0.05 0.00	28.47 0.04 0.00	29.22 0.08 0.00	33.87 0.09 0.00	35.96 0.07 0.00	29.29 0.03 0.00	26.85 0.00 0.00	23.94 -0.01 0.00	24.28 -0.05 0.00	23.88 -0.05 0.00
JENNISON____1 23625	19.78 0.20 0.00	19.58 0.20 0.00	20.74 0.21 0.00	20.27 0.21 0.00	19.88 0.29 0.00	20.72 0.46 0.00	24.53 0.68 0.00	25.28 0.75 0.00	23.35 0.73 0.00	22.87 0.58 0.00	23.76 0.49 0.00	28.12 0.59 0.00	25.64 0.47 0.00	26.36 0.34 0.00	25.29 0.33 0.00	28.89 0.46 0.00	29.64 0.50 0.00	34.58 0.80 0.00	36.56 0.66 0.00	29.95 0.69 0.00	27.52 0.67 0.00	24.53 0.58 0.00	25.00 0.67 0.00	24.48 0.54 0.00
JENNISON____2 23626	19.78 0.20 0.00	19.58 0.20 0.00	20.74 0.21 0.00	20.27 0.21 0.00	19.88 0.29 0.00	20.72 0.46 0.00	24.53 0.68 0.00	25.28 0.75 0.00	23.35 0.73 0.00	22.87 0.58 0.00	23.76 0.49 0.00	28.12 0.59 0.00	25.64 0.47 0.00	26.36 0.34 0.00	25.29 0.33 0.00	28.89 0.46 0.00	29.64 0.50 0.00	34.58 0.80 0.00	36.56 0.66 0.00	29.95 0.69 0.00	27.52 0.67 0.00	24.53 0.58 0.00	25.00 0.67 0.00	24.48 0.54 0.00
JERICOHO_RISE_WT_PWR 323719	20.26 0.69 0.00	20.05 0.67 0.00	21.24 0.71 0.00	20.71 0.67 0.00	20.21 0.62 0.00	20.85 0.59 0.00	24.61 0.76 0.00	25.27 0.74 0.00	23.26 0.64 0.00	22.94 0.65 0.00	23.94 0.67 0.00	28.37 0.84 0.00	25.92 0.75 0.00	26.81 0.79 0.00	25.64 0.68 0.00	29.15 0.73 0.00	29.78 0.64 0.00	34.52 0.75 0.00	36.85 0.95 0.00	30.08 0.81 0.00	27.64 0.79 0.00	24.67 0.71 0.00	25.03 0.70 0.00	24.58 0.65 0.00
KATONAH__115KV_46KV_TB4 355592	20.18 0.61 0.00	19.96 0.57 0.00	21.09 0.56 0.00	20.63 0.58 0.00	20.14 0.55 0.00	20.94 0.68 0.00	24.76 0.91 0.00	25.63 1.11 0.00	23.67 1.05 0.00	23.29 1.00 0.00	24.40 1.13 0.00	28.91 1.38 0.00	26.47 1.30 0.00	27.32 1.30 0.00	26.24 1.28 0.00	29.87 1.45 0.00	30.78 1.64 0.00	35.68 1.91 0.00	37.84 1.94 0.00	30.85 1.59 0.00	28.20 1.35 0.00	25.07 1.11 0.00	25.27 0.93 0.00	24.78 0.85 0.00
KCE_NY_1 323755	20.21 0.63 0.00	20.00 0.62 0.00	21.18 0.65 0.00	20.69 0.65 0.00	20.21 0.62 0.00	20.97 0.71 0.00	24.77 0.92 0.00	25.61 1.09 0.00	23.67 1.04 0.00	23.32 1.03 0.00	24.37 1.10 0.00	28.81 1.28 0.00	26.34 1.17 0.00	27.22 1.20 0.00	26.09 1.13 0.00	29.72 1.29 0.00	30.60 1.45 0.00	35.49 1.72 0.00	37.59 1.70 0.00	30.48 1.22 0.00	27.95 1.10 0.00	24.89 0.93 0.00	25.16 0.83 0.00	24.73 0.79 0.00
KCE_NY_6_ESR 323823	18.69 -0.89 0.00	18.59 -0.79 0.00	19.80 -0.73 0.00	19.38 -0.67 0.00	19.07 -0.47 0.04	19.67 -0.58 0.00	23.06 -0.79 0.00	23.60 -0.93 0.00	21.49 -1.14 0.00	21.22 -1.06 0.00	22.16 -1.11 0.00	26.10 -1.43 0.00	23.87 -1.30 0.00	24.76 -1.25 0.00	23.73 -1.24 0.00	26.95 -1.31 0.18	27.49 -1.66 0.00	31.76 -2.01 0.00	33.68 -2.22 0.00	27.56 -1.71 0.00	25.35 -1.50 0.00	22.82 -1.14 0.00	23.80 -0.53 0.00	23.64 -0.29 0.00
KEDC_PORT_JEFF_GT2 24210	20.75 1.18 0.00	20.50 1.12 0.00	21.62 1.09 0.00	21.11 1.06 0.00	20.63 1.04 0.00	21.48 1.22 0.00	25.45 1.60 0.00	26.19 1.66 0.00	24.27 1.65 0.00	23.83 1.54 0.00	31.35 1.83 -6.25	31.79 2.21 -2.05	29.49 2.02 -2.31	34.86 2.05 -6.79	27.66 1.89 -0.81	30.69 2.16 -0.10	44.82 2.46 -13.21	52.45 2.96 -15.72	38.83 2.93 0.00	31.50 2.24 0.00	29.30 2.15 -0.30	25.64 1.68 0.00	25.80 1.47 0.00	25.55 1.62 0.00
KEDC_PORT_JEFF_GT3 24211	20.75 1.18 0.00	20.50 1.12 0.00	21.62 1.09 0.00	21.11 1.06 0.00	20.63 1.04 0.00	21.48 1.22 0.00	25.45 1.60 0.00	26.19 1.66 0.00	24.27 1.65 0.00	23.83 1.54 0.00	31.35 1.83 -6.25	31.79 2.21 -2.05	29.49 2.02 -2.31	34.86 2.05 -6.79	27.66 1.89 -0.81	30.69 2.16 -0.10	44.82 2.46 -13.21	52.45 2.96 -15.72	38.83 2.93 0.00	31.50 2.24 0.00	29.30 2.15 -0.30	25.64 1.68 0.00	25.80 1.47 0.00	25.55 1.62 0.00
KEDC_GLWD_GT4 24219	20.45 0.87 0.00	20.22 0.83 0.00	21.34 0.81 0.00	20.85 0.81 0.00	20.37 0.78 0.00	21.19 0.94 0.00	25.11 1.26 0.00	25.98 1.45 0.00	24.02 1.40 0.00	23.64 1.35 0.00	31.09 1.57 -6.25	31.48 1.90 -2.05	29.24 1.76 -2.31	34.61 1.80 -6.79	27.52 1.74 -0.81	30.51 1.98 -0.10	44.56 2.20 -13.21	51.96 2.46 -15.72	38.40 2.50 0.00	31.32 2.06 0.00	28.98 1.83 -0.30	25.44 1.48 0.00	25.63 1.30 0.00	25.19 1.26 0.00
KEDC_GLWD_GT5 24220	20.45 0.87 0.00	20.22 0.83 0.00	21.34 0.81 0.00	20.85 0.81 0.00	20.37 0.78 0.00	21.19 0.94 0.00	25.11 1.26 0.00	25.98 1.45 0.00	24.02 1.40 0.00	23.64 1.35 0.00	31.09 1.57 -6.25	31.48 1.90 -2.05	29.24 1.76 -2.31	34.61 1.80 -6.79	27.52 1.74 -0.81	30.51 1.98 -0.10	44.56 2.20 -13.21	51.96 2.46 -15.72	38.40 2.50 0.00	31.32 2.06 0.00	28.98 1.83 -0.30	25.44 1.48 0.00	25.63 1.30 0.00	25.19 1.26 0.00
KENSICO____ 23655	20.09 0.51 0.00	19.87 0.49 0.00	21.00 0.47 0.00	20.54 0.50 0.00	20.05 0.47 0.00	20.84 0.58 0.00	24.64 0.79 0.00	25.52 0.99 0.00	23.56 0.94 0.00	23.18 0.89 0.00	24.28 1.01 0.00	28.76 1.22 0.00	26.33 1.16 0.00	27.18 1.16 0.00	26.11 1.15 0.00	29.73 1.30 0.00	30.62 1.47 0.00	35.48 1.71 0.00	37.62 1.73 0.00	30.68 1.42 0.00	28.05 1.21 0.00	24.93 0.97 0.00	25.15 0.81 0.00	24.67 0.74 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.24 0.67 0.00	20.01 0.63 0.00	21.14 0.61 0.00	20.68 0.64 0.00	20.20 0.61 0.00	21.00 0.74 0.00	24.86 1.01 0.00	25.76 1.23 0.00	23.78 1.15 0.00	23.38 1.09 0.00	24.49 1.23 0.00	28.98 1.45 0.00	26.52 1.36 0.00	27.38 1.36 0.00	26.31 1.35 0.00	30.01 1.59 0.00	30.94 1.80 0.00	35.89 2.11 0.00	38.07 2.17 0.00	31.05 1.79 0.00	28.37 1.52 0.00	25.21 1.25 0.00	25.42 1.09 0.00	24.93 0.99 0.00

KIAC_JFK_GT1 23816	20.16 0.59 0.00	19.97 0.59 0.00	21.09 0.56 0.00	20.64 0.60 0.00	20.12 0.54 0.00	20.91 0.65 0.00	24.71 0.86 0.00	25.64 1.11 0.00	23.66 1.03 0.00	23.32 1.03 0.00	24.45 1.18 0.00	28.97 1.44 0.00	26.55 1.38 0.00	27.40 1.39 0.00	26.34 1.38 0.00	30.03 1.60 0.00	30.90 1.76 0.00	35.81 2.04 0.00	37.92 2.02 0.00	30.96 1.69 0.00	28.24 1.39 0.00	25.14 1.19 0.00	25.30 0.97 0.00	24.78 0.85 0.00
KIAC_JFK_GT2 23817	20.16 0.59 0.00	19.97 0.59 0.00	21.09 0.56 0.00	20.64 0.60 0.00	20.12 0.54 0.00	20.91 0.65 0.00	24.71 0.86 0.00	25.64 1.11 0.00	23.66 1.03 0.00	23.32 1.03 0.00	24.45 1.18 0.00	28.97 1.44 0.00	26.55 1.38 0.00	27.40 1.39 0.00	26.34 1.38 0.00	30.03 1.60 0.00	30.90 1.76 0.00	35.81 2.04 0.00	37.92 2.02 0.00	30.96 1.69 0.00	28.24 1.39 0.00	25.14 1.19 0.00	25.30 0.97 0.00	24.78 0.85 0.00
KIAC_JFK____ 323774	20.16 0.59 0.00	19.97 0.58 0.00	21.09 0.56 0.00	20.64 0.60 0.00	20.12 0.54 0.00	20.91 0.65 0.00	24.70 0.86 0.00	25.64 1.11 0.00	23.66 1.03 0.00	23.32 1.02 0.00	24.45 1.18 0.00	28.97 1.44 0.00	26.54 1.38 0.00	27.40 1.38 0.00	26.35 1.38 0.00	30.03 1.61 0.00	30.90 1.76 0.00	35.81 2.04 0.00	37.92 2.02 0.00	30.96 1.69 0.00	28.24 1.39 0.00	25.14 1.19 0.00	25.31 0.98 0.00	24.78 0.85 0.00
KINTIGH____ 23543	18.35 -1.23 0.00	18.24 -1.14 0.00	19.42 -1.11 0.00	19.01 -1.04 0.00	18.72 -0.87 0.00	19.27 -0.99 0.00	22.60 -1.25 0.00	23.09 -1.44 0.00	21.07 -1.56 0.00	20.79 -1.49 0.00	21.67 -1.61 0.00	25.53 -2.00 0.00	23.33 -1.83 0.00	24.22 -1.80 0.00	23.22 -1.74 0.00	26.51 -1.92 0.00	26.90 -2.24 0.00	31.07 -2.71 0.00	32.92 -2.98 0.00	26.91 -2.35 0.00	24.78 -2.07 0.00	22.29 -1.66 0.00	23.22 -1.11 0.00	23.06 -0.88 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.57 1.00 0.00	20.33 0.95 0.00	21.53 1.00 0.00	20.98 0.93 0.00	20.49 0.90 0.00	21.17 0.92 0.00	25.02 1.17 0.00	25.74 1.21 0.00	23.71 1.08 0.00	23.37 1.08 0.00	24.41 1.14 0.00	28.93 1.40 0.00	26.42 1.26 0.00	27.32 1.30 0.00	26.11 1.14 0.00	29.69 1.26 0.00	30.37 1.23 0.00	35.23 1.46 0.00	37.53 1.63 0.00	30.63 1.37 0.00	28.14 1.29 0.00	25.08 1.12 0.00	25.42 1.10 0.00	24.98 1.04 0.00
LACHUTE____HYDRO 323717	20.86 1.29 0.00	20.56 1.17 0.00	21.78 1.24 0.00	21.25 1.20 0.00	20.77 1.18 0.00	21.76 1.50 0.00	25.91 2.06 0.00	26.88 2.36 0.00	24.96 2.33 0.00	24.71 2.42 0.00	25.82 2.55 0.00	30.57 3.04 0.00	27.99 2.82 0.00	28.88 2.87 0.00	27.49 2.52 0.00	31.33 2.91 0.00	32.61 3.47 0.00	37.90 4.13 0.00	39.83 3.93 0.00	31.86 2.60 0.00	29.09 2.25 0.00	25.89 1.93 0.00	26.04 1.71 0.00	25.55 1.62 0.00
LAWRNCALV_115KV_TB1 80681	19.80 0.22 0.00	19.60 0.22 0.00	20.79 0.26 0.00	20.29 0.24 0.00	19.79 0.21 0.00	20.37 0.11 0.00	24.04 0.19 0.00	24.66 0.13 0.00	22.73 0.10 0.00	22.42 0.13 0.00	23.40 0.13 0.00	27.70 0.17 0.00	25.28 0.11 0.00	26.17 0.15 0.00	25.08 0.12 0.00	28.59 0.16 0.00	29.20 0.05 0.00	33.67 -0.10 0.00	36.15 0.25 0.00	29.49 0.23 0.00	27.06 0.21 0.00	24.14 0.18 0.00	24.40 0.07 0.00	23.97 0.03 0.00
LEDERLE____ 23769	20.11 0.53 0.00	19.90 0.51 0.00	21.03 0.50 0.00	20.57 0.52 0.00	20.08 0.50 0.00	20.88 0.62 0.00	24.69 0.84 0.00	25.58 1.05 0.00	23.60 0.97 0.00	23.19 0.90 0.00	24.29 1.02 0.00	28.76 1.23 0.00	26.32 1.16 0.00	27.18 1.15 0.00	26.10 1.14 0.00	29.73 1.30 0.00	30.61 1.47 0.00	35.50 1.72 0.00	37.65 1.76 0.00	30.73 1.46 0.00	28.07 1.23 0.00	24.96 1.01 0.00	25.18 0.85 0.00	24.70 0.77 0.00
LIGHTHSE_115KV_TB6 355974	19.05 -0.52 0.00	18.86 -0.52 0.00	20.02 -0.51 0.00	19.57 -0.48 0.00	19.14 -0.45 0.00	19.81 -0.45 0.00	23.30 -0.55 0.00	23.93 -0.59 0.00	22.12 -0.51 0.00	21.76 -0.53 0.00	22.68 -0.59 0.00	26.85 -0.69 0.00	24.54 -0.63 0.00	25.36 -0.66 0.00	24.32 -0.64 0.00	27.70 -0.73 0.00	28.41 -0.73 0.00	32.92 -0.85 0.00	34.91 -1.00 0.00	28.45 -0.82 0.00	26.04 -0.81 0.00	23.23 -0.73 0.00	23.62 -0.71 0.00	23.24 -0.69 0.00
LINDEN COGEN____ 23786	20.04 0.46 0.00	19.82 0.44 0.00	20.92 0.39 0.00	20.50 0.44 0.00	19.98 0.40 0.00	20.77 0.51 0.00	24.57 0.72 0.00	25.49 0.96 0.00	23.54 0.91 0.00	23.14 0.85 0.00	24.23 0.95 0.00	28.71 1.18 0.00	25.90 1.11 0.38	21.32 1.15 5.84	21.32 1.13 4.78	21.32 1.29 8.39	20.64 1.45 9.95	26.69 1.66 8.74	24.07 1.71 13.53	26.17 1.42 4.51	25.88 1.17 2.14	23.45 0.94 1.45	25.07 0.74 0.00	24.58 0.64 0.00
LINDHRST_69_KV_BK1 356055	20.71 1.14 0.00	20.46 1.08 0.00	21.59 1.06 0.00	21.08 1.03 0.00	20.60 1.01 0.00	21.43 1.17 0.00	25.42 1.57 0.00	26.25 1.72 0.00	24.31 1.68 0.00	23.89 1.61 0.00	31.41 1.89 -6.25	31.85 2.27 -2.05	29.57 2.09 -2.31	34.96 2.15 -6.79	27.81 2.04 -0.81	30.86 2.33 -0.10	44.95 2.60 -13.21	52.52 3.02 -15.72	38.95 3.06 0.00	31.70 2.44 0.00	29.37 2.22 -0.30	25.74 1.78 0.00	25.93 1.61 0.00	25.54 1.61 0.00
LIPA_MISC_IPP 23656	20.78 1.20 0.00	20.53 1.15 0.00	21.66 1.13 0.00	21.14 1.09 0.00	20.66 1.08 0.00	21.51 1.25 0.00	25.47 1.62 0.00	26.17 1.64 0.00	24.25 1.62 0.00	23.77 1.48 0.00	31.32 1.80 -6.25	31.74 2.16 -2.05	29.41 1.93 -2.31	34.76 1.95 -6.79	27.53 1.76 -0.81	30.54 2.01 -0.10	44.68 2.33 -13.21	52.35 2.86 -15.72	38.70 2.80 0.00	31.35 2.09 0.00	29.23 2.08 -0.30	25.55 1.60 0.00	25.71 1.38 0.00	25.56 1.63 0.00
LISF__SOLAR 323691	20.82 1.24 0.00	20.56 1.18 0.00	21.70 1.16 0.00	21.17 1.12 0.00	20.70 1.11 0.00	21.55 1.29 0.00	25.52 1.67 0.00	26.21 1.68 0.00	24.29 1.66 0.00	23.81 1.52 0.00	31.35 1.83 -6.25	31.79 2.21 -2.05	29.45 1.97 -2.31	34.81 2.00 -6.79	27.57 1.80 -0.81	30.59 2.06 -0.10	44.74 2.39 -13.21	52.44 2.94 -15.72	38.78 2.88 0.00	31.41 2.15 0.00	29.29 2.14 -0.30	25.60 1.64 0.00	25.75 1.42 0.00	25.60 1.67 0.00
LITTLE FALLS____HYD 24013	19.19 -0.39 0.00	19.00 -0.39 0.00	20.10 -0.44 0.00	19.64 -0.41 0.00	19.20 -0.39 0.00	19.96 -0.30 0.00	23.55 -0.29 0.00	24.45 -0.08 0.00	22.67 0.04 0.00	22.28 -0.01 0.00	23.27 0.00 0.00	27.53 0.00 0.00	25.21 0.04 0.00	25.98 -0.03 0.00	24.92 -0.04 0.00	28.34 -0.08 0.00	29.13 -0.02 0.00	33.84 0.06 0.00	35.86 -0.04 0.00	29.05 -0.21 0.00	26.64 -0.21 0.00	23.68 -0.28 0.00	23.80 -0.53 0.00	23.15 -0.78 0.00
LITTLRIV_115KV_TB1 356100	20.13 0.55 0.00	19.94 0.56 0.00	21.14 0.61 0.00	20.65 0.60 0.00	20.13 0.55 0.00	20.68 0.42 0.00	24.43 0.58 0.00	25.07 0.54 0.00	23.12 0.50 0.00	22.83 0.54 0.00	23.82 0.55 0.00	28.15 0.62 0.00	25.68 0.51 0.00	26.58 0.56 0.00	25.48 0.52 0.00	29.05 0.62 0.00	29.67 0.53 0.00	34.22 0.44 0.00	36.72 0.83 0.00	29.96 0.69 0.00	27.47 0.63 0.00	24.51 0.55 0.00	24.77 0.44 0.00	24.29 0.36 0.00

LI_NEWBRDGE___DRP 323616	20.29 0.71 0.00	20.07 0.68 0.00	21.17 0.65 0.00	20.70 0.65 0.00	20.21 0.62 0.00	21.02 0.76 0.00	24.90 1.05 0.00	25.74 1.21 0.00	23.80 1.18 0.00	23.42 1.13 0.00	30.87 1.34 -6.25	31.19 1.61 -2.05	28.98 1.51 -2.31	34.34 1.53 -6.79	27.25 1.47 -0.81	30.21 1.68 -0.10	44.23 1.88 -13.21	51.65 2.15 -15.72	38.06 2.16 0.00	31.00 1.73 0.00	28.70 1.54 -0.30	25.20 1.24 0.00	25.39 1.06 0.00	24.97 1.04 0.00
LOCKPORT_115KV_TB60_63_64 80432	18.38 -1.19 0.00	18.28 -1.10 0.00	19.48 -1.05 0.00	19.07 -0.98 0.00	18.82 -0.77 0.00	19.34 -0.92 0.00	22.63 -1.22 0.00	23.03 -1.50 0.00	20.95 -1.67 0.00	20.71 -1.58 0.00	21.61 -1.66 0.00	25.45 -2.08 0.00	23.26 -1.91 0.00	24.17 -1.85 0.00	23.17 -1.80 0.00	26.46 -1.97 0.00	26.80 -2.34 0.00	30.93 -2.85 0.00	32.74 -3.16 0.00	26.77 -2.50 0.00	24.66 -2.19 0.00	22.21 -1.75 0.00	23.29 -1.04 0.00	23.17 -0.76 0.00
LOCKPORT___CC1 323769	18.36 -1.21 0.00	18.27 -1.11 0.00	19.47 -1.06 0.00	19.06 -0.99 0.00	18.77 -0.79 0.03	19.33 -0.93 0.00	22.62 -1.23 0.00	23.02 -1.51 0.00	20.95 -1.68 0.00	20.70 -1.59 0.00	21.61 -1.66 0.00	25.44 -2.09 0.00	23.25 -1.91 0.00	24.16 -1.86 0.00	23.14 -1.83 0.00	26.29 -1.99 0.14	26.77 -2.37 0.00	30.91 -2.87 0.00	32.71 -3.18 0.00	26.75 -2.51 0.00	24.65 -2.20 0.00	22.20 -1.76 0.00	23.27 -1.06 0.00	23.16 -0.77 0.00
LOCKPORT___CC2 323770	18.36 -1.21 0.00	18.27 -1.11 0.00	19.47 -1.06 0.00	19.06 -0.99 0.00	18.77 -0.79 0.03	19.33 -0.93 0.00	22.62 -1.23 0.00	23.02 -1.51 0.00	20.95 -1.68 0.00	20.70 -1.59 0.00	21.61 -1.66 0.00	25.44 -2.09 0.00	23.25 -1.91 0.00	24.16 -1.86 0.00	23.14 -1.83 0.00	26.29 -1.99 0.14	26.77 -2.37 0.00	30.91 -2.87 0.00	32.71 -3.18 0.00	26.75 -2.51 0.00	24.65 -2.20 0.00	22.20 -1.76 0.00	23.27 -1.06 0.00	23.16 -0.77 0.00
LOCKPORT___CC3 323771	18.36 -1.21 0.00	18.27 -1.11 0.00	19.47 -1.06 0.00	19.06 -0.99 0.00	18.77 -0.79 0.03	19.33 -0.93 0.00	22.62 -1.23 0.00	23.02 -1.51 0.00	20.95 -1.68 0.00	20.70 -1.59 0.00	21.61 -1.66 0.00	25.44 -2.09 0.00	23.25 -1.91 0.00	24.16 -1.86 0.00	23.14 -1.83 0.00	26.29 -1.99 0.14	26.77 -2.37 0.00	30.91 -2.87 0.00	32.71 -3.18 0.00	26.75 -2.51 0.00	24.65 -2.20 0.00	22.20 -1.76 0.00	23.27 -1.06 0.00	23.16 -0.77 0.00
LONG_LAKE_PHOENIX 24014	19.06 -0.52 0.00	18.88 -0.50 0.00	20.00 -0.53 0.00	19.54 -0.51 0.00	19.11 -0.48 0.00	19.75 -0.51 0.00	23.18 -0.66 0.00	23.80 -0.73 0.00	21.97 -0.66 0.00	21.63 -0.66 0.00	22.56 -0.71 0.00	26.65 -0.87 0.00	24.37 -0.80 0.00	25.20 -0.81 0.00	24.19 -0.78 0.00	27.56 -0.87 0.00	28.27 -0.88 0.00	32.78 -1.00 0.00	34.77 -1.13 0.00	28.35 -0.92 0.00	26.01 -0.84 0.00	23.23 -0.73 0.00	23.71 -0.62 0.00	23.36 -0.58 0.00
LOVETT___3 23632	20.02 0.44 0.00	19.81 0.43 0.00	20.93 0.40 0.00	20.48 0.43 0.00	19.99 0.41 0.00	20.78 0.53 0.00	24.57 0.72 0.00	25.44 0.91 0.00	23.47 0.85 0.00	23.07 0.78 0.00	24.16 0.89 0.00	28.61 1.08 0.00	26.19 1.02 0.00	27.03 1.01 0.00	25.97 1.00 0.00	29.56 1.14 0.00	30.46 1.31 0.00	35.31 1.53 0.00	37.45 1.55 0.00	30.55 1.29 0.00	27.93 1.08 0.00	24.83 0.87 0.00	25.05 0.72 0.00	24.59 0.65 0.00
LOVETT___4 23642	20.02 0.44 0.00	19.81 0.43 0.00	20.93 0.40 0.00	20.48 0.43 0.00	19.99 0.41 0.00	20.78 0.53 0.00	24.57 0.72 0.00	25.44 0.91 0.00	23.47 0.85 0.00	23.07 0.78 0.00	24.16 0.89 0.00	28.61 1.08 0.00	26.19 1.02 0.00	27.03 1.01 0.00	25.97 1.00 0.00	29.56 1.14 0.00	30.46 1.31 0.00	35.31 1.53 0.00	37.45 1.55 0.00	30.55 1.29 0.00	27.93 1.08 0.00	24.83 0.87 0.00	25.05 0.72 0.00	24.59 0.65 0.00
LOVETT___5 23593	20.02 0.44 0.00	19.81 0.43 0.00	20.93 0.40 0.00	20.48 0.43 0.00	19.99 0.41 0.00	20.78 0.53 0.00	24.57 0.72 0.00	25.44 0.91 0.00	23.47 0.85 0.00	23.07 0.78 0.00	24.16 0.89 0.00	28.61 1.08 0.00	26.19 1.02 0.00	27.03 1.01 0.00	25.97 1.00 0.00	29.56 1.14 0.00	30.46 1.31 0.00	35.31 1.53 0.00	37.45 1.55 0.00	30.55 1.29 0.00	27.93 1.08 0.00	24.83 0.87 0.00	25.05 0.72 0.00	24.59 0.65 0.00
LOWER RAQUET___HYD 24057	19.70 0.12 0.00	19.50 0.12 0.00	20.69 0.16 0.00	20.19 0.14 0.00	19.69 0.11 0.00	20.27 0.01 0.00	23.92 0.08 0.00	24.55 0.02 0.00	22.64 0.01 0.00	22.33 0.04 0.00	23.31 0.04 0.00	27.59 0.05 0.00	25.17 0.00 0.00	26.05 0.03 0.00	24.96 0.00 0.00	28.46 0.03 0.00	29.07 -0.07 0.00	33.53 -0.24 0.00	35.99 0.09 0.00	29.36 0.10 0.00	26.94 0.09 0.00	24.02 0.06 0.00	24.28 -0.05 0.00	23.83 -0.10 0.00
LOWER___HUDSON 24059	19.93 0.35 0.00	19.74 0.35 0.00	20.90 0.37 0.00	20.43 0.38 0.00	19.94 0.36 0.00	20.66 0.40 0.00	24.35 0.50 0.00	25.14 0.61 0.00	23.24 0.61 0.00	22.88 0.59 0.00	23.89 0.62 0.00	28.32 0.79 0.00	25.88 0.71 0.00	26.75 0.73 0.00	25.66 0.69 0.00	29.20 0.77 0.00	30.01 0.87 0.00	34.80 1.02 0.00	36.83 0.93 0.00	29.92 0.65 0.00	27.49 0.64 0.00	24.49 0.53 0.00	24.76 0.43 0.00	24.33 0.39 0.00
LOWVILLE_115KV_TB2 356335	19.60 0.03 0.00	19.41 0.03 0.00	20.65 0.12 0.00	20.19 0.14 0.00	19.74 0.16 0.00	20.46 0.20 0.00	24.13 0.28 0.00	24.85 0.32 0.00	23.03 0.40 0.00	22.64 0.35 0.00	23.55 0.28 0.00	27.97 0.45 0.00	25.53 0.36 0.00	26.31 0.29 0.00	25.19 0.22 0.00	28.64 0.21 0.00	29.34 0.19 0.00	33.97 0.19 0.00	36.03 0.13 0.00	29.36 0.09 0.00	26.87 0.02 0.00	23.80 -0.15 0.00	23.92 -0.41 0.00	23.55 -0.38 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.22 0.64 0.00	20.01 0.63 0.00	21.19 0.66 0.00	20.70 0.65 0.00	20.22 0.64 0.00	20.99 0.73 0.00	24.77 0.92 0.00	25.60 1.07 0.00	23.67 1.04 0.00	23.31 1.02 0.00	24.35 1.08 0.00	28.82 1.28 0.00	26.34 1.17 0.00	27.21 1.19 0.00	26.09 1.13 0.00	29.72 1.29 0.00	30.59 1.45 0.00	35.48 1.71 0.00	37.57 1.67 0.00	30.49 1.22 0.00	27.95 1.10 0.00	24.89 0.93 0.00	25.17 0.83 0.00	24.71 0.78 0.00
LUTHERNY_35_KV_BK2 355980	20.21 0.63 0.00	20.00 0.62 0.00	21.18 0.65 0.00	20.69 0.65 0.00	20.21 0.62 0.00	20.97 0.72 0.00	24.77 0.92 0.00	25.61 1.08 0.00	23.67 1.04 0.00	23.32 1.03 0.00	24.37 1.10 0.00	28.81 1.28 0.00	26.34 1.17 0.00	27.21 1.19 0.00	26.09 1.13 0.00	29.72 1.29 0.00	30.60 1.45 0.00	35.49 1.72 0.00	37.59 1.70 0.00	30.48 1.22 0.00	27.95 1.10 0.00	24.89 0.93 0.00	25.16 0.83 0.00	24.73 0.79 0.00
LWR___OSWEGATCHIE_HYD 23850	19.42 -0.16 0.00	19.23 -0.16 0.00	20.43 -0.10 0.00	19.96 -0.09 0.00	19.48 -0.10 0.00	20.13 -0.13 0.00	23.75 -0.10 0.00	24.41 -0.12 0.00	22.56 -0.07 0.00	22.22 -0.07 0.00	23.16 -0.11 0.00	27.46 -0.07 0.00	25.07 -0.10 0.00	25.89 -0.13 0.00	24.80 -0.17 0.00	28.24 -0.19 0.00	28.89 -0.25 0.00	33.39 -0.38 0.00	35.63 -0.26 0.00	29.04 -0.23 0.00	26.60 -0.25 0.00	23.65 -0.31 0.00	23.84 -0.49 0.00	23.43 -0.51 0.00

LYONS_FALL_HYD 23570	19.71 0.13 0.00	19.51 0.12 0.00	20.73 0.20 0.00	20.25 0.20 0.00	19.81 0.22 0.00	20.53 0.27 0.00	24.22 0.37 0.00	24.96 0.42 0.00	23.10 0.47 0.00	22.73 0.44 0.00	23.67 0.40 0.00	28.08 0.55 0.00	25.64 0.48 0.00	26.45 0.43 0.00	25.35 0.38 0.00	28.83 0.41 0.00	29.56 0.42 0.00	34.25 0.47 0.00	36.33 0.43 0.00	29.60 0.34 0.00	27.11 0.26 0.00	24.06 0.10 0.00	24.26 -0.07 0.00	23.86 -0.07 0.00
MADISON___COUNTY_LFGE 323628	19.84 0.27 0.00	19.67 0.28 0.00	20.84 0.31 0.00	20.37 0.31 0.00	19.93 0.35 0.00	20.67 0.42 0.00	24.40 0.55 0.00	25.15 0.62 0.00	23.22 0.59 0.00	22.85 0.56 0.00	23.84 0.57 0.00	28.22 0.69 0.00	25.81 0.64 0.00	26.61 0.59 0.00	25.56 0.59 0.00	29.13 0.70 0.00	29.91 0.77 0.00	34.63 0.86 0.00	36.74 0.84 0.00	29.95 0.68 0.00	27.44 0.59 0.00	24.42 0.46 0.00	24.74 0.41 0.00	24.30 0.37 0.00
MALONE___115KV_TB1 356076	20.41 0.83 0.00	20.18 0.80 0.00	21.38 0.85 0.00	20.85 0.80 0.00	20.34 0.76 0.00	20.99 0.73 0.00	24.79 0.94 0.00	25.48 0.95 0.00	23.49 0.86 0.00	23.17 0.88 0.00	24.18 0.91 0.00	28.65 1.12 0.00	26.15 0.98 0.00	27.05 1.03 0.00	25.88 0.92 0.00	29.37 0.94 0.00	30.00 0.86 0.00	34.77 1.00 0.00	37.18 1.28 0.00	30.34 1.07 0.00	27.86 1.02 0.00	24.85 0.89 0.00	25.16 0.83 0.00	24.70 0.76 0.00
MAPLEWOD_115KV_TB3 80458	19.82 0.25 0.00	19.63 0.25 0.00	20.78 0.24 0.00	20.30 0.25 0.00	19.83 0.25 0.00	20.55 0.29 0.00	24.19 0.34 0.00	24.97 0.44 0.00	23.11 0.49 0.00	22.74 0.45 0.00	23.73 0.46 0.00	28.14 0.61 0.00	25.73 0.56 0.00	26.59 0.57 0.00	25.51 0.55 0.00	29.04 0.61 0.00	29.85 0.71 0.00	34.60 0.83 0.00	36.64 0.75 0.00	29.79 0.52 0.00	27.37 0.52 0.00	24.38 0.42 0.00	24.64 0.31 0.00	24.20 0.27 0.00
MAPLE_RIDGE_WT_1 323574	19.55 -0.03 0.00	19.35 -0.03 0.00	20.52 -0.01 0.00	20.07 0.02 0.00	19.62 0.03 0.00	20.27 0.01 0.00	23.86 0.01 0.00	24.48 -0.05 0.00	22.58 -0.05 0.00	22.32 0.03 0.00	23.29 0.01 0.00	27.52 -0.01 0.00	25.13 -0.04 0.00	26.01 -0.01 0.00	24.91 -0.05 0.00	28.30 -0.13 0.00	28.99 -0.15 0.00	33.59 -0.19 0.00	35.74 -0.16 0.00	29.14 -0.13 0.00	26.77 -0.08 0.00	23.86 -0.09 0.00	24.20 -0.13 0.00	23.86 -0.07 0.00
MAPLE_RIDGE_WT_2 323611	19.55 -0.03 0.00	19.35 -0.03 0.00	20.52 -0.01 0.00	20.07 0.02 0.00	19.62 0.03 0.00	20.27 0.01 0.00	23.86 0.01 0.00	24.48 -0.05 0.00	22.58 -0.05 0.00	22.32 0.03 0.00	23.29 0.01 0.00	27.52 -0.01 0.00	25.13 -0.04 0.00	26.01 -0.01 0.00	24.91 -0.05 0.00	28.30 -0.13 0.00	28.99 -0.15 0.00	33.59 -0.19 0.00	35.74 -0.16 0.00	29.14 -0.13 0.00	26.77 -0.08 0.00	23.86 -0.09 0.00	24.20 -0.13 0.00	23.86 -0.07 0.00
MARBLE_RIVER_WT_PWR 323696	20.29 0.72 0.00	20.07 0.69 0.00	21.27 0.74 0.00	20.74 0.69 0.00	20.23 0.65 0.00	20.89 0.63 0.00	24.66 0.81 0.00	25.34 0.81 0.00	23.32 0.69 0.00	22.99 0.70 0.00	23.99 0.72 0.00	28.44 0.91 0.00	25.98 0.81 0.00	26.86 0.85 0.00	25.68 0.72 0.00	29.21 0.78 0.00	29.84 0.70 0.00	34.58 0.81 0.00	36.89 0.99 0.00	30.11 0.85 0.00	27.68 0.83 0.00	24.70 0.74 0.00	25.06 0.73 0.00	24.62 0.69 0.00
MARSHVLE_115KV_TB1 80742	20.68 1.10 0.00	20.45 1.07 0.00	21.67 1.14 0.00	21.24 1.19 0.00	20.77 1.19 0.00	21.54 1.28 0.00	25.44 1.59 0.00	26.14 1.61 0.00	24.09 1.47 0.00	23.75 1.46 0.00	24.73 1.46 0.00	29.23 1.70 0.00	26.70 1.54 0.00	27.60 1.58 0.00	26.48 1.52 0.00	30.12 1.69 0.00	30.81 1.66 0.00	35.71 1.93 0.00	38.00 2.11 0.00	31.04 1.78 0.00	28.39 1.54 0.00	25.33 1.37 0.00	25.68 1.35 0.00	25.24 1.31 0.00
MARSH_HILL_WT_PWR 323713	18.46 -1.11 0.00	18.43 -0.96 0.00	19.55 -0.98 0.00	19.10 -0.95 0.00	18.96 -0.64 -0.01	19.62 -0.64 0.00	23.12 -0.73 0.00	23.65 -0.88 0.00	21.65 -0.98 0.00	21.20 -1.10 0.00	22.23 -1.04 0.00	26.28 -1.25 0.00	23.96 -1.21 0.00	24.54 -1.48 0.00	23.56 -1.40 0.00	27.41 -1.08 -0.06	27.59 -1.55 0.00	32.13 -1.64 0.00	34.59 -1.30 0.00	28.33 -0.93 0.00	25.92 -0.93 0.00	23.34 -0.62 0.00	24.12 -0.21 0.00	23.93 0.00 0.00
MCINTYRE_115KV_TB2 80467	20.42 0.84 0.00	20.23 0.84 0.00	21.45 0.92 0.00	20.95 0.90 0.00	20.42 0.83 0.00	20.97 0.71 0.00	24.78 0.93 0.00	25.41 0.88 0.00	23.43 0.80 0.00	23.13 0.84 0.00	24.14 0.87 0.00	28.51 0.98 0.00	26.00 0.84 0.00	26.92 0.90 0.00	25.82 0.85 0.00	29.43 1.01 0.00	30.06 0.91 0.00	34.68 0.90 0.00	37.21 1.32 0.00	30.35 1.09 0.00	27.84 0.99 0.00	24.85 0.89 0.00	25.12 0.79 0.00	24.64 0.70 0.00
MECO_____69_KV_BK1 80468	21.31 1.74 0.00	21.07 1.69 0.00	22.30 1.77 0.00	21.82 1.77 0.00	21.36 1.77 0.00	22.21 1.95 0.00	26.29 2.44 0.00	27.11 2.58 0.00	25.06 2.43 0.00	24.64 2.35 0.00	25.65 2.38 0.00	30.18 2.65 0.00	27.70 2.53 0.00	28.59 2.58 0.00	27.53 2.56 0.00	31.42 2.99 0.00	32.31 3.17 0.00	37.50 3.73 0.00	39.85 3.95 0.00	32.46 3.20 0.00	29.63 2.78 0.00	26.34 2.38 0.00	26.60 2.27 0.00	26.07 2.14 0.00
MENANDS___115KV_TB5 355628	19.72 0.14 0.00	19.53 0.15 0.00	20.67 0.14 0.00	20.20 0.15 0.00	19.73 0.14 0.00	20.44 0.18 0.00	24.05 0.20 0.00	24.83 0.30 0.00	22.97 0.35 0.00	22.61 0.31 0.00	23.59 0.32 0.00	27.97 0.45 0.00	25.57 0.41 0.00	26.43 0.42 0.00	25.36 0.39 0.00	28.86 0.44 0.00	29.66 0.52 0.00	34.38 0.61 0.00	36.41 0.52 0.00	29.61 0.34 0.00	27.20 0.35 0.00	24.23 0.27 0.00	24.49 0.16 0.00	24.06 0.12 0.00
MG INDUSTRY___DRP 24185	19.84 0.26 0.00	19.64 0.25 0.00	20.79 0.25 0.00	20.32 0.27 0.00	19.85 0.26 0.00	20.54 0.28 0.00	24.19 0.34 0.00	24.94 0.41 0.00	23.05 0.42 0.00	22.68 0.39 0.00	23.66 0.39 0.00	28.03 0.50 0.00	25.63 0.46 0.00	26.48 0.46 0.00	25.41 0.44 0.00	28.93 0.50 0.00	29.72 0.58 0.00	34.45 0.68 0.00	36.53 0.63 0.00	29.72 0.46 0.00	27.28 0.44 0.00	24.31 0.35 0.00	24.61 0.28 0.00	24.17 0.24 0.00
MID___OSWEGATCHIE_HYD 23849	19.42 -0.16 0.00	19.23 -0.16 0.00	20.43 -0.10 0.00	19.96 -0.09 0.00	19.48 -0.10 0.00	20.13 -0.13 0.00	23.75 -0.10 0.00	24.41 -0.12 0.00	22.56 -0.07 0.00	22.22 -0.07 0.00	23.16 -0.11 0.00	27.46 -0.07 0.00	25.07 -0.10 0.00	25.89 -0.13 0.00	24.80 -0.17 0.00	28.24 -0.19 0.00	28.89 -0.25 0.00	33.39 -0.38 0.00	35.63 -0.26 0.00	29.04 -0.23 0.00	26.60 -0.25 0.00	23.65 -0.31 0.00	23.84 -0.49 0.00	23.43 -0.51 0.00
MID___RAQUETTE_HYD 23851	19.70 0.12 0.00	19.50 0.12 0.00	20.69 0.16 0.00	20.19 0.14 0.00	19.69 0.11 0.00	20.27 0.01 0.00	23.92 0.07 0.00	24.55 0.02 0.00	22.64 0.01 0.00	22.33 0.04 0.00	23.30 0.04 0.00	27.58 0.05 0.00	25.17 0.00 0.00	26.05 0.03 0.00	24.96 0.00 0.00	28.46 0.03 0.00	29.07 -0.07 0.00	33.53 -0.24 0.00	35.99 0.09 0.00	29.36 0.10 0.00	26.94 0.09 0.00	24.02 0.06 0.00	24.28 -0.05 0.00	23.83 -0.10 0.00

MILLIKEN___1 23584	19.60 0.03 0.00	19.42 0.04 0.00	20.57 0.04 0.00	20.11 0.06 0.00	19.70 0.11 0.00	20.41 0.15 0.00	24.03 0.18 0.00	24.74 0.21 0.00	22.80 0.18 0.00	22.45 0.16 0.00	23.42 0.14 0.00	27.67 0.14 0.00	25.29 0.12 0.00	26.11 0.10 0.00	25.07 0.11 0.00	28.61 0.18 0.00	29.33 0.19 0.00	34.05 0.26 0.00	36.15 0.25 0.00	29.51 0.25 0.00	27.04 0.19 0.00	24.13 0.17 0.00	24.58 0.25 0.00	24.16 0.23 0.00
MILLIKEN___2 23585	19.60 0.03 0.00	19.42 0.04 0.00	20.57 0.04 0.00	20.11 0.06 0.00	19.70 0.11 0.00	20.41 0.15 0.00	24.03 0.18 0.00	24.74 0.21 0.00	22.80 0.18 0.00	22.45 0.16 0.00	23.42 0.14 0.00	27.67 0.14 0.00	25.29 0.12 0.00	26.11 0.10 0.00	25.07 0.11 0.00	28.61 0.18 0.00	29.33 0.19 0.00	34.05 0.26 0.00	36.15 0.25 0.00	29.51 0.25 0.00	27.04 0.19 0.00	24.13 0.17 0.00	24.58 0.25 0.00	24.16 0.23 0.00
MILLIKEN___DIESEL 23629	19.60 0.03 0.00	19.42 0.04 0.00	20.57 0.04 0.00	20.11 0.06 0.00	19.70 0.11 0.00	20.41 0.15 0.00	24.03 0.18 0.00	24.74 0.21 0.00	22.80 0.18 0.00	22.45 0.16 0.00	23.42 0.14 0.00	27.67 0.14 0.00	25.29 0.12 0.00	26.11 0.10 0.00	25.07 0.11 0.00	28.61 0.18 0.00	29.33 0.19 0.00	34.05 0.26 0.00	36.15 0.25 0.00	29.51 0.25 0.00	27.04 0.19 0.00	24.13 0.17 0.00	24.58 0.25 0.00	24.16 0.23 0.00
MILLSEAT___LFGE 323607	18.72 -0.86 0.00	18.60 -0.78 0.00	19.81 -0.73 0.00	19.38 -0.67 0.00	19.08 -0.47 0.03	19.68 -0.58 0.00	23.07 -0.77 0.00	23.54 -0.98 0.00	21.48 -1.15 0.00	21.23 -1.06 0.00	22.17 -1.10 0.00	26.10 -1.42 0.00	23.85 -1.31 0.00	24.77 -1.25 0.00	23.73 -1.23 0.00	27.00 -1.30 0.13	27.53 -1.62 0.00	31.80 -1.98 0.00	33.65 -2.25 0.00	27.50 -1.76 0.00	25.30 -1.55 0.00	22.74 -1.22 0.00	23.74 -0.59 0.00	23.57 -0.37 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.06 0.48 0.00	19.85 0.46 0.00	20.97 0.45 0.00	20.52 0.47 0.00	20.03 0.45 0.00	20.82 0.56 0.00	24.61 0.76 0.00	25.48 0.95 0.00	23.53 0.90 0.00	23.14 0.85 0.00	24.23 0.96 0.00	28.70 1.17 0.00	26.28 1.11 0.00	27.13 1.11 0.00	26.06 1.10 0.00	29.67 1.24 0.00	30.55 1.41 0.00	35.41 1.64 0.00	37.56 1.65 0.00	30.63 1.36 0.00	28.00 1.15 0.00	24.90 0.94 0.00	25.10 0.77 0.00	24.64 0.71 0.00
MILLWOOD_13_KV_LOAD 356217	20.10 0.53 0.00	19.89 0.50 0.00	21.02 0.49 0.00	20.56 0.51 0.00	20.07 0.49 0.00	20.86 0.60 0.00	24.66 0.81 0.00	25.54 1.01 0.00	23.58 0.95 0.00	23.20 0.91 0.00	24.30 1.03 0.00	28.77 1.24 0.00	26.34 1.17 0.00	27.20 1.18 0.00	26.12 1.16 0.00	29.75 1.32 0.00	30.64 1.49 0.00	35.52 1.74 0.00	37.66 1.76 0.00	30.71 1.45 0.00	28.07 1.23 0.00	24.95 0.99 0.00	25.17 0.84 0.00	24.69 0.76 0.00
MODEL_CITY_ENERGY 24167	18.19 -1.38 0.00	18.10 -1.28 0.00	19.29 -1.24 0.00	18.88 -1.17 0.00	18.60 -0.96 0.03	19.15 -1.11 0.00	22.37 -1.48 0.00	22.73 -1.80 0.00	20.67 -1.96 0.00	20.43 -1.86 0.00	21.33 -1.94 0.00	25.11 -2.42 0.00	22.94 -2.23 0.00	23.84 -2.18 0.00	22.84 -2.13 0.00	25.94 -2.34 0.15	26.41 -2.73 0.00	30.48 -3.30 0.00	32.25 -3.64 0.00	26.38 -2.89 0.00	24.32 -2.53 0.00	21.91 -2.05 0.00	23.00 -1.33 0.00	22.92 -1.02 0.00
MODERN_LFGE___ 323580	18.19 -1.38 0.00	18.10 -1.28 0.00	19.29 -1.24 0.00	18.88 -1.17 0.00	18.60 -0.96 0.03	19.15 -1.11 0.00	22.37 -1.48 0.00	22.73 -1.80 0.00	20.67 -1.96 0.00	20.43 -1.86 0.00	21.33 -1.94 0.00	25.11 -2.42 0.00	22.94 -2.23 0.00	23.84 -2.18 0.00	22.84 -2.13 0.00	25.94 -2.34 0.15	26.41 -2.73 0.00	30.48 -3.30 0.00	32.25 -3.64 0.00	26.38 -2.89 0.00	24.32 -2.53 0.00	21.91 -2.05 0.00	23.00 -1.33 0.00	22.92 -1.02 0.00
MOHAWK_PAPER___DRP 24187	19.82 0.25 0.00	19.63 0.25 0.00	20.78 0.24 0.00	20.30 0.25 0.00	19.83 0.25 0.00	20.55 0.29 0.00	24.19 0.34 0.00	24.97 0.44 0.00	23.11 0.49 0.00	22.74 0.45 0.00	23.73 0.46 0.00	28.14 0.61 0.00	25.73 0.56 0.00	26.59 0.57 0.00	25.51 0.55 0.00	29.04 0.61 0.00	29.85 0.71 0.00	34.60 0.83 0.00	36.64 0.75 0.00	29.79 0.52 0.00	27.37 0.52 0.00	24.38 0.42 0.00	24.64 0.31 0.00	24.20 0.27 0.00
MOHICAN___35_KV_115KV_LD 80490	20.39 0.81 0.00	20.15 0.77 0.00	21.33 0.80 0.00	20.83 0.79 0.00	20.35 0.77 0.00	21.18 0.92 0.00	25.07 1.22 0.00	25.93 1.40 0.00	24.02 1.39 0.00	23.66 1.37 0.00	24.72 1.45 0.00	29.22 1.69 0.00	26.73 1.56 0.00	27.60 1.58 0.00	26.42 1.46 0.00	30.12 1.69 0.00	31.11 1.97 0.00	36.11 2.33 0.00	38.17 2.28 0.00	30.86 1.60 0.00	28.26 1.41 0.00	25.15 1.19 0.00	25.37 1.04 0.00	24.89 0.96 0.00
MONGAUP___HYD 23641	20.00 0.42 0.00	19.77 0.39 0.00	20.90 0.37 0.00	20.43 0.38 0.00	19.96 0.38 0.00	20.81 0.55 0.00	24.55 0.70 0.00	25.40 0.87 0.00	23.44 0.81 0.00	23.12 0.83 0.00	24.10 0.83 0.00	28.51 0.97 0.00	26.11 0.94 0.00	26.90 0.88 0.00	25.70 0.73 0.00	29.29 0.86 0.00	30.30 1.16 0.00	35.06 1.28 0.00	37.17 1.28 0.00	30.31 1.05 0.00	27.72 0.87 0.00	24.68 0.73 0.00	25.06 0.73 0.00	24.57 0.64 0.00
MONTAUK___DIESEL 23721	21.34 1.77 0.00	21.07 1.69 0.00	22.22 1.69 0.00	21.71 1.67 0.00	21.23 1.65 0.00	22.11 1.86 0.00	26.23 2.38 0.00	26.93 2.40 0.00	24.97 2.35 0.00	24.48 2.19 0.00	32.07 2.55 -6.25	32.61 3.03 -2.05	30.19 2.71 -2.31	35.59 2.78 -6.79	28.30 2.52 -0.81	31.44 2.91 -0.10	45.69 3.34 -13.21	53.57 4.07 -15.72	39.87 3.97 0.00	32.19 2.93 0.00	29.97 2.82 -0.30	26.13 2.17 0.00	26.21 1.88 0.00	26.07 2.13 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.67 -0.91 0.00	18.57 -0.81 0.00	19.87 -0.66 0.00	19.44 -0.61 0.00	19.16 -0.42 0.00	19.84 -0.42 0.00	23.32 -0.53 0.00	23.88 -0.65 0.00	21.70 -0.93 0.00	21.37 -0.92 0.00	22.50 -0.77 0.00	26.70 -0.83 0.00	24.53 -0.64 0.00	25.38 -0.64 0.00	24.33 -0.64 0.00	27.77 -0.65 0.00	28.43 -0.71 0.00	32.95 -0.82 0.00	34.89 -1.01 0.00	28.47 -0.79 0.00	26.14 -0.71 0.00	23.53 -0.43 0.00	24.47 0.14 0.00	24.23 0.30 0.00
MORTIMER_115KV_TB3 55949	18.81 -0.77 0.00	18.67 -0.71 0.00	19.85 -0.68 0.00	19.42 -0.63 0.00	19.08 -0.50 0.00	19.68 -0.57 0.00	23.14 -0.71 0.00	23.70 -0.83 0.00	21.72 -0.90 0.00	21.45 -0.84 0.00	22.37 -0.90 0.00	26.39 -1.14 0.00	24.12 -1.05 0.00	25.01 -1.01 0.00	24.00 -0.97 0.00	27.38 -1.05 0.00	27.89 -1.25 0.00	32.25 -1.53 0.00	34.18 -1.72 0.00	27.90 -1.37 0.00	25.64 -1.21 0.00	22.98 -0.98 0.00	23.74 -0.58 0.00	23.50 -0.44 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.16 0.59 0.00	19.95 0.56 0.00	21.07 0.54 0.00	20.62 0.57 0.00	20.12 0.54 0.00	20.91 0.65 0.00	24.74 0.89 0.00	25.64 1.12 0.00	23.67 1.05 0.00	23.29 1.00 0.00	24.38 1.11 0.00	28.88 1.35 0.00	26.44 1.27 0.00	27.30 1.29 0.00	26.22 1.26 0.00	29.87 1.44 0.00	30.75 1.61 0.00	35.63 1.85 0.00	37.80 1.90 0.00	30.84 1.58 0.00	28.17 1.32 0.00	25.04 1.08 0.00	25.22 0.89 0.00	24.72 0.79 0.00

MUNSVILLE_WIND_PWR 323609	20.34 0.77 0.00	20.12 0.74 0.00	21.34 0.81 0.00	20.83 0.78 0.00	20.42 0.83 -0.01	21.29 1.03 0.00	25.24 1.39 0.00	26.04 1.51 0.00	24.03 1.41 0.00	23.63 1.34 0.00	24.57 1.30 0.00	28.99 1.47 0.00	26.49 1.32 0.00	27.22 1.21 0.00	26.11 1.15 0.00	29.94 1.47 -0.04	30.84 1.69 0.00	36.08 2.30 0.00	38.22 2.33 0.00	31.33 2.06 0.00	28.73 1.88 0.00	25.57 1.62 0.00	25.85 1.52 0.00	25.23 1.30 0.00
N SALMON___HYD 24042	20.40 0.83 0.00	20.18 0.80 0.00	21.38 0.85 0.00	20.85 0.81 0.00	20.34 0.76 0.00	20.99 0.73 0.00	24.79 0.94 0.00	25.48 0.95 0.00	23.49 0.86 0.00	23.17 0.88 0.00	24.18 0.91 0.00	28.65 1.12 0.00	26.15 0.97 0.00	27.05 1.03 0.00	25.88 0.92 0.00	29.37 0.94 0.00	30.00 0.86 0.00	34.77 1.00 0.00	37.18 1.28 0.00	30.34 1.07 0.00	27.86 1.01 0.00	24.85 0.89 0.00	25.16 0.83 0.00	24.69 0.76 0.00
N.AKRON___115KV_KNAPP 355671	18.71 -0.86 0.00	18.60 -0.78 0.00	19.81 -0.73 0.00	19.38 -0.67 0.00	19.12 -0.47 0.00	19.68 -0.58 0.00	23.07 -0.78 0.00	23.53 -1.00 0.00	21.46 -1.17 0.00	21.23 -1.06 0.00	22.15 -1.12 0.00	26.09 -1.44 0.00	23.83 -1.33 0.00	24.76 -1.26 0.00	23.74 -1.23 0.00	27.12 -1.31 0.00	27.51 -1.64 0.00	31.77 -2.01 0.00	33.63 -2.27 0.00	27.47 -1.80 0.00	25.29 -1.56 0.00	22.73 -1.23 0.00	23.74 -0.59 0.00	23.56 -0.37 0.00
N.BELMOR_69_KV_BK1 55787	20.46 0.88 0.00	20.23 0.84 0.00	21.34 0.81 0.00	20.85 0.80 0.00	20.36 0.78 0.00	21.19 0.93 0.00	25.11 1.27 0.00	25.96 1.44 0.00	24.01 1.39 0.00	23.63 1.34 0.00	31.10 1.58 -6.25	31.48 1.90 -2.05	29.24 1.76 -2.31	34.61 1.80 -6.79	27.50 1.73 -0.81	30.51 1.97 -0.10	44.56 2.21 -13.21	52.05 2.55 -15.72	38.48 2.58 0.00	31.33 2.06 0.00	29.00 1.85 -0.30	25.45 1.50 0.00	25.64 1.31 0.00	25.21 1.28 0.00
N.E_GEN_SANDY PD 24062	19.91 0.33 0.00	19.71 0.33 0.00	20.88 0.34 0.00	20.41 0.36 0.00	19.92 0.33 0.00	20.65 0.39 0.00	24.34 0.49 0.00	25.14 0.61 0.00	23.22 0.59 0.00	22.86 0.57 0.00	23.91 0.64 0.00	32.23 0.83 -3.87	25.94 0.77 0.00	26.80 0.78 0.00	25.73 0.76 0.00	29.25 0.82 0.00	30.08 0.94 0.00	34.87 1.10 0.00	36.91 1.01 0.00	30.01 0.75 0.00	27.55 0.70 0.00	24.53 0.58 0.00	24.79 0.46 0.00	24.36 0.42 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.05 0.47 0.00	19.84 0.46 0.00	20.97 0.44 0.00	20.51 0.46 0.00	20.03 0.44 0.00	20.82 0.56 0.00	24.61 0.76 0.00	25.48 0.96 0.00	23.52 0.89 0.00	23.11 0.82 0.00	24.20 0.93 0.00	28.66 1.13 0.00	26.23 1.07 0.00	27.08 1.06 0.00	26.02 1.05 0.00	29.62 1.19 0.00	30.52 1.37 0.00	35.38 1.60 0.00	37.53 1.63 0.00	30.61 1.35 0.00	27.98 1.13 0.00	24.88 0.92 0.00	25.10 0.77 0.00	24.63 0.70 0.00
N.QUEENS_27_KV_LOAD 356247	20.15 0.57 0.00	19.96 0.57 0.00	21.05 0.53 0.00	20.61 0.56 0.00	20.08 0.50 0.00	20.90 0.64 0.00	24.72 0.87 0.00	25.66 1.13 0.00	23.69 1.06 0.00	23.32 1.03 0.00	24.45 1.19 0.00	28.97 1.44 0.00	26.54 1.37 0.00	27.38 1.36 0.00	26.31 1.35 0.00	29.97 1.54 0.00	30.82 1.68 0.00	35.77 1.99 0.00	37.85 1.95 0.00	30.94 1.67 0.00	28.22 1.37 0.00	25.10 1.15 0.00	25.27 0.94 0.00	24.77 0.84 0.00
N.TROY___115KV_TB1 355778	19.93 0.35 0.00	19.74 0.36 0.00	20.90 0.37 0.00	20.43 0.38 0.00	19.94 0.36 0.00	20.66 0.40 0.00	24.35 0.50 0.00	25.14 0.61 0.00	23.24 0.61 0.00	22.88 0.59 0.00	23.89 0.62 0.00	28.32 0.79 0.00	25.88 0.71 0.00	26.75 0.73 0.00	25.66 0.69 0.00	29.21 0.78 0.00	30.01 0.87 0.00	34.80 1.02 0.00	36.83 0.93 0.00	29.92 0.65 0.00	27.49 0.64 0.00	24.49 0.53 0.00	24.76 0.43 0.00	24.33 0.39 0.00
NARROWS_GT1_1 24228	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT1_2 24229	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT1_3 24230	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT1_4 24231	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT1_5 24232	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT1_6 24233	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT1_7 24234	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00

NARROWS_GT1_8 24235	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT2_1 24236	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT2_2 24237	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT2_3 24238	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT2_4 24239	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT2_5 24240	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT2_6 24241	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT2_7 24242	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NARROWS_GT2_8 24243	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.37 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.19 0.62 0.00	19.97 0.59 0.00	21.14 0.61 0.00	20.66 0.61 0.00	20.19 0.61 0.00	20.92 0.66 0.00	24.67 0.82 0.00	25.48 0.95 0.00	23.61 0.99 0.00	23.26 0.97 0.00	24.22 0.95 0.00	28.62 1.09 0.00	26.17 1.00 0.00	27.06 1.04 0.00	25.94 0.98 0.00	29.56 1.13 0.00	30.45 1.31 0.00	35.35 1.57 0.00	37.44 1.54 0.00	30.41 1.15 0.00	27.91 1.07 0.00	24.83 0.87 0.00	25.09 0.76 0.00	24.58 0.65 0.00
NCHELSEA_115KV_TR2 355582	20.20 0.63 0.00	19.98 0.60 0.00	21.12 0.59 0.00	20.67 0.62 0.00	20.17 0.59 0.00	20.97 0.71 0.00	24.79 0.94 0.00	25.66 1.13 0.00	23.69 1.07 0.00	23.31 1.02 0.00	24.41 1.14 0.00	28.91 1.38 0.00	26.48 1.31 0.00	27.33 1.31 0.00	26.26 1.29 0.00	29.89 1.47 0.00	30.79 1.65 0.00	35.71 1.94 0.00	37.87 1.97 0.00	30.87 1.61 0.00	28.22 1.37 0.00	25.09 1.13 0.00	25.31 0.98 0.00	24.83 0.89 0.00
NEG CAPITAL___MECHNVIL 23645	20.20 0.63 0.00	20.00 0.62 0.00	21.17 0.64 0.00	20.69 0.64 0.00	20.20 0.62 0.00	20.97 0.71 0.00	24.75 0.90 0.00	25.58 1.05 0.00	23.66 1.03 0.00	23.29 1.00 0.00	24.33 1.06 0.00	28.81 1.28 0.00	26.33 1.16 0.00	27.22 1.20 0.00	26.09 1.13 0.00	29.71 1.28 0.00	30.59 1.45 0.00	35.49 1.71 0.00	37.57 1.67 0.00	30.49 1.23 0.00	27.96 1.11 0.00	24.89 0.93 0.00	25.15 0.82 0.00	24.69 0.76 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.58 -1.00 0.00	18.43 -0.96 0.00	19.57 -0.96 0.00	19.14 -0.91 0.00	18.78 -0.79 0.01	19.40 -0.86 0.00	22.82 -1.03 0.00	23.42 -1.11 0.00	21.50 -1.13 0.00	21.22 -1.07 0.00	22.14 -1.13 0.00	26.12 -1.41 0.00	23.87 -1.30 0.00	24.73 -1.29 0.00	23.72 -1.24 0.00	27.02 -1.36 0.05	27.63 -1.52 0.00	31.95 -1.82 0.00	33.87 -2.03 0.00	27.64 -1.62 0.00	25.38 -1.47 0.00	22.71 -1.25 0.00	23.37 -0.95 0.00	23.09 -0.84 0.00
NEG CENTRAL___DRP 24199	19.20 -0.37 0.00	19.02 -0.36 0.00	20.17 -0.36 0.00	19.72 -0.33 0.00	19.33 -0.26 0.00	20.01 -0.25 0.00	23.56 -0.29 0.00	24.24 -0.28 0.00	22.31 -0.31 0.00	21.96 -0.33 0.00	22.92 -0.35 0.00	27.06 -0.47 0.00	24.73 -0.43 0.00	25.55 -0.47 0.00	24.52 -0.44 0.00	28.03 -0.40 0.00	28.67 -0.47 0.00	33.19 -0.59 0.00	35.28 -0.62 0.00	28.85 -0.42 0.00	26.43 -0.42 0.00	23.61 -0.34 0.00	24.15 -0.18 0.00	23.78 -0.15 0.00
NEG CENTRAL___INDECK 23768	19.22 -0.35 0.00	19.11 -0.28 0.00	20.29 -0.24 0.00	19.84 -0.20 0.00	19.55 -0.04 0.00	20.22 -0.04 0.00	23.82 -0.02 0.00	24.48 -0.05 0.00	22.41 -0.22 0.00	22.07 -0.21 0.00	23.01 -0.26 0.00	27.12 -0.41 0.00	24.78 -0.38 0.00	25.63 -0.39 0.00	24.67 -0.29 0.00	28.33 -0.10 0.00	28.80 -0.35 0.00	33.39 -0.38 0.00	35.58 -0.32 0.00	29.08 -0.19 0.00	26.63 -0.22 0.00	23.84 -0.12 0.00	24.58 0.25 0.00	24.32 0.38 0.00



NEG CENTRAL___SENECA 23627	19.19 -0.39 0.00	19.01 -0.37 0.00	20.16 -0.38 0.00	19.71 -0.34 0.00	19.35 -0.24 0.00	20.03 -0.23 0.00	23.60 -0.24 0.00	24.32 -0.21 0.00	22.35 -0.27 0.00	22.00 -0.29 0.00	22.97 -0.30 0.00	27.14 -0.39 0.00	24.80 -0.37 0.00	25.61 -0.41 0.00	24.58 -0.39 0.00	28.11 -0.31 0.00	28.70 -0.44 0.00	33.21 -0.57 0.00	35.35 -0.55 0.00	28.93 -0.33 0.00	26.49 -0.36 0.00	23.69 -0.27 0.00	24.25 -0.08 0.00	23.86 -0.07 0.00
NEG CENTRAL___STATE_STREET 24147	19.36 -0.22 0.00	19.18 -0.20 0.00	20.32 -0.21 0.00	19.87 -0.18 0.00	19.45 -0.14 0.00	20.13 -0.13 0.00	23.67 -0.18 0.00	24.33 -0.20 0.00	22.41 -0.21 0.00	22.07 -0.22 0.00	23.04 -0.23 0.00	27.22 -0.31 0.00	24.87 -0.30 0.00	25.70 -0.32 0.00	24.67 -0.29 0.00	28.14 -0.28 0.00	28.83 -0.31 0.00	33.43 -0.34 0.00	35.49 -0.41 0.00	28.97 -0.29 0.00	26.57 -0.28 0.00	23.71 -0.24 0.00	24.22 -0.11 0.00	23.85 -0.08 0.00
NEG MILLWOOD___DRP 24198	20.27 0.69 0.00	20.04 0.66 0.00	21.18 0.65 0.00	20.72 0.67 0.00	20.23 0.64 0.00	21.03 0.77 0.00	24.87 1.02 0.00	25.76 1.23 0.00	23.79 1.16 0.00	23.41 1.12 0.00	24.52 1.25 0.00	29.04 1.51 0.00	26.59 1.43 0.00	27.45 1.44 0.00	26.37 1.40 0.00	30.02 1.60 0.00	30.93 1.79 0.00	35.88 2.11 0.00	38.05 2.15 0.00	31.01 1.75 0.00	28.35 1.50 0.00	25.19 1.23 0.00	25.40 1.07 0.00	24.90 0.97 0.00
NEG NORTH_FLCN_SEA 23793	20.55 0.98 0.00	20.32 0.94 0.00	21.52 0.98 0.00	20.97 0.92 0.00	20.47 0.88 0.00	21.16 0.90 0.00	25.00 1.15 0.00	25.71 1.18 0.00	23.68 1.05 0.00	23.33 1.04 0.00	24.37 1.10 0.00	28.88 1.35 0.00	26.38 1.21 0.00	27.27 1.25 0.00	26.06 1.09 0.00	29.63 1.20 0.00	30.33 1.18 0.00	35.14 1.36 0.00	37.40 1.50 0.00	30.51 1.25 0.00	28.06 1.21 0.00	25.02 1.07 0.00	25.38 1.05 0.00	24.94 1.01 0.00
NEG NORTH_KES_CHATEGAY 23792	20.35 0.78 0.00	20.13 0.75 0.00	21.32 0.80 0.00	20.80 0.75 0.00	20.29 0.70 0.00	20.93 0.67 0.00	24.70 0.85 0.00	25.37 0.84 0.00	23.35 0.73 0.00	23.03 0.74 0.00	24.03 0.76 0.00	28.47 0.94 0.00	26.00 0.83 0.00	26.90 0.88 0.00	25.73 0.76 0.00	29.26 0.83 0.00	29.89 0.75 0.00	34.66 0.89 0.00	37.01 1.11 0.00	30.21 0.94 0.00	27.76 0.91 0.00	24.77 0.82 0.00	25.13 0.80 0.00	24.68 0.74 0.00
NEG NORTH___ALICE_FALLS 23915	20.57 1.00 0.00	20.33 0.95 0.00	21.53 1.00 0.00	20.98 0.93 0.00	20.49 0.90 0.00	21.17 0.92 0.00	25.02 1.17 0.00	25.74 1.21 0.00	23.71 1.08 0.00	23.37 1.08 0.00	24.41 1.14 0.00	28.93 1.40 0.00	26.42 1.26 0.00	27.32 1.30 0.00	26.11 1.14 0.00	29.69 1.26 0.00	30.37 1.23 0.00	35.23 1.46 0.00	37.53 1.63 0.00	30.63 1.37 0.00	28.14 1.29 0.00	25.08 1.12 0.00	25.42 1.10 0.00	24.98 1.04 0.00
NEG NORTH___LWR_SARANAC 23913	20.57 1.00 0.00	20.33 0.95 0.00	21.53 1.00 0.00	20.98 0.93 0.00	20.49 0.90 0.00	21.17 0.92 0.00	25.02 1.17 0.00	25.74 1.21 0.00	23.71 1.08 0.00	23.37 1.08 0.00	24.41 1.14 0.00	28.93 1.40 0.00	26.42 1.26 0.00	27.32 1.30 0.00	26.11 1.14 0.00	29.69 1.26 0.00	30.37 1.23 0.00	35.23 1.46 0.00	37.53 1.63 0.00	30.63 1.37 0.00	28.14 1.29 0.00	25.08 1.12 0.00	25.42 1.10 0.00	24.98 1.04 0.00
NEG NORTH___PLATTSBURG 23628	20.57 1.00 0.00	20.33 0.95 0.00	21.53 1.00 0.00	20.98 0.93 0.00	20.49 0.90 0.00	21.17 0.91 0.00	25.02 1.17 0.00	25.74 1.21 0.00	23.71 1.08 0.00	23.37 1.08 0.00	24.41 1.14 0.00	28.93 1.40 0.00	26.42 1.26 0.00	27.32 1.30 0.00	26.10 1.14 0.00	29.69 1.26 0.00	30.37 1.23 0.00	35.23 1.46 0.00	37.53 1.63 0.00	30.63 1.37 0.00	28.14 1.29 0.00	25.08 1.12 0.00	25.42 1.10 0.00	24.97 1.04 0.00
NEG WEST_LEA_LOCKPORT 23791	18.36 -1.21 0.00	18.27 -1.11 0.00	19.47 -1.06 0.00	19.06 -0.99 0.00	18.80 -0.79 0.00	19.33 -0.93 0.00	22.62 -1.23 0.00	23.03 -1.50 0.00	20.95 -1.68 0.00	20.71 -1.58 0.00	21.60 -1.67 0.00	25.44 -2.09 0.00	23.25 -1.92 0.00	24.16 -1.86 0.00	23.15 -1.82 0.00	26.44 -1.99 0.00	26.78 -2.37 0.00	30.91 -2.87 0.00	32.73 -3.17 0.00	26.76 -2.51 0.00	24.66 -2.19 0.00	22.21 -1.75 0.00	23.27 -1.06 0.00	23.16 -0.77 0.00
NEG WEST___LANCASTER 23811	19.13 -0.45 0.00	19.01 -0.37 0.00	20.24 -0.29 0.00	19.81 -0.24 0.00	19.52 -0.07 0.00	20.11 -0.15 0.00	23.61 -0.24 0.00	24.19 -0.34 0.00	22.07 -0.56 0.00	21.78 -0.51 0.00	22.68 -0.59 0.00	26.68 -0.85 0.00	24.39 -0.77 0.00	25.28 -0.74 0.00	24.24 -0.73 0.00	27.72 -0.71 0.00	28.11 -1.04 0.00	32.51 -1.27 0.00	34.47 -1.43 0.00	28.23 -1.04 0.00	25.93 -0.92 0.00	23.36 -0.59 0.00	24.31 -0.03 0.00	24.11 0.17 0.00
NEG_PENN_ALLEGHNY 23528	19.34 -0.23 0.00	19.17 -0.22 0.00	20.30 -0.23 0.00	19.85 -0.20 0.00	19.44 -0.15 -0.01	20.15 -0.11 0.00	23.73 -0.12 0.00	24.48 -0.05 0.00	22.53 -0.10 0.00	22.15 -0.14 0.00	23.11 -0.16 0.00	27.32 -0.21 0.00	24.99 -0.18 0.00	25.80 -0.22 0.00	24.75 -0.22 0.00	28.28 -0.18 -0.04	28.93 -0.22 0.00	33.59 -0.19 0.00	35.68 -0.22 0.00	29.16 -0.11 0.00	26.68 -0.17 0.00	23.86 -0.10 0.00	24.31 -0.02 0.00	23.87 -0.06 0.00
NEG___GEN_MONROE 24207	18.90 -0.67 0.00	18.76 -0.63 0.00	19.95 -0.58 0.00	19.52 -0.53 0.00	19.19 -0.40 0.00	19.80 -0.46 0.00	23.28 -0.57 0.00	23.84 -0.69 0.00	21.84 -0.79 0.00	21.56 -0.72 0.00	22.50 -0.77 0.00	26.52 -1.01 0.00	24.23 -0.93 0.00	25.15 -0.87 0.00	24.13 -0.84 0.00	27.54 -0.89 0.00	28.05 -1.09 0.00	32.43 -1.35 0.00	34.36 -1.54 0.00	28.04 -1.23 0.00	25.76 -1.09 0.00	23.10 -0.86 0.00	23.90 -0.43 0.00	23.65 -0.28 0.00
NEPA___ENERGY 23901	18.58 -0.99 0.00	18.48 -0.91 0.00	19.64 -0.89 0.00	19.21 -0.84 0.00	18.95 -0.64 0.00	19.59 -0.67 0.00	23.00 -0.85 0.00	23.70 -0.83 0.00	21.57 -1.06 0.00	21.22 -1.07 0.00	22.14 -1.13 0.00	26.15 -1.38 0.00	23.96 -1.21 0.00	24.76 -1.26 0.00	23.71 -1.26 0.00	27.12 -1.30 0.00	27.60 -1.55 0.00	32.09 -1.69 0.00	34.05 -1.85 0.00	27.90 -1.36 0.00	25.50 -1.34 0.00	23.02 -0.93 0.00	23.87 -0.46 0.00	23.51 -0.42 0.00
NEVERSINK___HYD 23608	20.04 0.46 0.00	19.81 0.43 0.00	20.93 0.40 0.00	20.47 0.42 0.00	20.00 0.42 0.00	20.80 0.53 0.00	24.60 0.75 0.00	25.50 0.98 0.00	23.53 0.91 0.00	23.13 0.84 0.00	24.22 0.95 0.00	28.65 1.12 0.00	26.20 1.04 0.00	27.07 1.05 0.00	26.02 1.05 0.00	29.65 1.22 0.00	30.57 1.43 0.00	35.45 1.67 0.00	37.63 1.73 0.00	30.69 1.43 0.00	28.06 1.21 0.00	24.93 0.98 0.00	25.16 0.83 0.00	24.66 0.73 0.00
NEWKRMKL_115KV_TB1 55635	19.64 0.07 0.00	19.44 0.06 0.00	20.57 0.04 0.00	20.11 0.06 0.00	19.65 0.06 0.00	20.35 0.09 0.00	23.95 0.10 0.00	24.72 0.20 0.00	22.88 0.25 0.00	22.52 0.23 0.00	23.50 0.23 0.00	27.86 0.33 0.00	25.47 0.30 0.00	26.32 0.30 0.00	25.26 0.29 0.00	28.75 0.32 0.00	29.55 0.41 0.00	34.26 0.48 0.00	36.28 0.39 0.00	29.51 0.24 0.00	27.09 0.24 0.00	24.12 0.17 0.00	24.39 0.06 0.00	23.95 0.01 0.00

NEWTON___FALLS_HYD 23847	19.42 -0.16 0.00	19.23 -0.16 0.00	20.43 -0.10 0.00	19.96 -0.09 0.00	19.48 -0.10 0.00	20.13 -0.13 0.00	23.75 -0.10 0.00	24.41 -0.12 0.00	22.56 -0.07 0.00	22.22 -0.07 0.00	23.16 -0.11 0.00	27.46 -0.07 0.00	25.07 -0.10 0.00	25.89 -0.13 0.00	24.80 -0.17 0.00	28.24 -0.19 0.00	28.89 -0.25 0.00	33.39 -0.38 0.00	35.63 -0.26 0.00	29.04 -0.23 0.00	26.60 -0.25 0.00	23.65 -0.31 0.00	23.84 -0.49 0.00	23.43 -0.51 0.00
NGRID_A1_DSASP 323792	18.03 -1.54 0.00	17.95 -1.44 0.00	19.14 -1.39 0.00	18.73 -1.32 0.00	18.44 -1.11 0.03	18.99 -1.27 0.00	22.24 -1.61 0.00	22.60 -1.93 0.00	20.55 -2.08 0.00	20.31 -1.99 0.00	21.20 -2.07 0.00	24.96 -2.57 0.00	22.80 -2.36 0.00	23.70 -2.32 0.00	22.70 -2.26 0.00	25.76 -2.51 0.15	26.22 -2.92 0.00	30.25 -3.53 0.00	32.01 -3.89 0.00	26.17 -3.09 0.00	24.16 -2.69 0.00	21.77 -2.19 0.00	22.86 -1.47 0.00	22.79 -1.14 0.00
NGRID_A2_DSASP 323793	18.03 -1.54 0.00	17.95 -1.44 0.00	19.14 -1.39 0.00	18.73 -1.32 0.00	18.44 -1.11 0.03	18.99 -1.27 0.00	22.24 -1.61 0.00	22.60 -1.93 0.00	20.55 -2.08 0.00	20.31 -1.99 0.00	21.20 -2.07 0.00	24.96 -2.57 0.00	22.80 -2.36 0.00	23.70 -2.32 0.00	22.70 -2.26 0.00	25.76 -2.51 0.15	26.22 -2.92 0.00	30.25 -3.53 0.00	32.01 -3.89 0.00	26.17 -3.09 0.00	24.16 -2.69 0.00	21.77 -2.19 0.00	22.86 -1.47 0.00	22.79 -1.14 0.00
NGRID_A4_DSASP 323807	18.03 -1.54 0.00	17.95 -1.44 0.00	19.14 -1.39 0.00	18.73 -1.32 0.00	18.44 -1.11 0.03	18.99 -1.27 0.00	22.24 -1.61 0.00	22.60 -1.93 0.00	20.55 -2.08 0.00	20.31 -1.99 0.00	21.20 -2.07 0.00	24.96 -2.57 0.00	22.80 -2.36 0.00	23.70 -2.32 0.00	22.70 -2.26 0.00	25.76 -2.51 0.15	26.22 -2.92 0.00	30.25 -3.53 0.00	32.01 -3.89 0.00	26.17 -3.09 0.00	24.16 -2.69 0.00	21.77 -2.19 0.00	22.86 -1.47 0.00	22.79 -1.14 0.00
NIAGARA_115E_LBMP 323715	18.10 -1.48 0.00	18.01 -1.37 0.00	19.19 -1.34 0.00	18.79 -1.26 0.00	18.50 -1.05 0.03	19.05 -1.21 0.00	22.23 -1.62 0.00	22.56 -1.96 0.00	20.51 -2.12 0.00	20.27 -2.02 0.00	21.16 -2.10 0.00	24.91 -2.62 0.00	22.76 -2.40 0.00	23.66 -2.36 0.00	22.66 -2.31 0.00	25.72 -2.55 0.15	26.19 -2.95 0.00	30.23 -3.55 0.00	31.98 -3.91 0.00	26.16 -3.10 0.00	24.13 -2.72 0.00	21.74 -2.22 0.00	22.85 -1.48 0.00	22.77 -1.16 0.00
NIAGARA_115W_LBMP 323714	18.00 -1.58 0.00	17.91 -1.47 0.00	19.10 -1.43 0.00	18.70 -1.35 0.00	18.41 -1.15 0.03	18.95 -1.31 0.00	22.19 -1.66 0.00	22.55 -1.98 0.00	20.51 -2.12 0.00	20.26 -2.03 0.00	21.15 -2.12 0.00	24.90 -2.63 0.00	22.75 -2.42 0.00	23.65 -2.37 0.00	22.65 -2.32 0.00	25.70 -2.57 0.15	26.16 -2.98 0.00	30.17 -3.61 0.00	31.93 -3.97 0.00	26.11 -3.15 0.00	24.10 -2.75 0.00	21.72 -2.24 0.00	22.81 -1.52 0.00	22.75 -1.19 0.00
NIAGARA_230_LBMP 323716	18.16 -1.41 0.00	18.07 -1.31 0.00	19.27 -1.26 0.00	18.86 -1.18 0.00	18.56 -0.99 0.03	19.12 -1.15 0.00	22.38 -1.47 0.00	22.79 -1.74 0.00	20.74 -1.89 0.00	20.49 -1.80 0.00	21.38 -1.90 0.00	25.17 -2.36 0.00	23.00 -2.17 0.00	23.90 -2.12 0.00	22.89 -2.08 0.00	25.99 -2.29 0.15	26.45 -2.69 0.00	30.52 -3.25 0.00	32.32 -3.58 0.00	26.43 -2.83 0.00	24.38 -2.47 0.00	21.96 -2.00 0.00	23.01 -1.32 0.00	22.92 -1.01 0.00
NIAGARA___115KV_198_GIBSON 55903	17.99 -1.58 0.00	17.92 -1.47 0.00	19.10 -1.43 0.00	18.70 -1.35 0.00	18.44 -1.14 0.00	18.95 -1.31 0.00	22.19 -1.66 0.00	22.55 -1.97 0.00	20.51 -2.12 0.00	20.26 -2.03 0.00	21.14 -2.14 0.00	24.89 -2.64 0.00	22.75 -2.42 0.00	23.65 -2.37 0.00	22.66 -2.31 0.00	25.86 -2.56 0.00	26.17 -2.98 0.00	30.17 -3.61 0.00	31.95 -3.95 0.00	26.12 -3.14 0.00	24.10 -2.75 0.00	21.72 -2.24 0.00	22.82 -1.51 0.00	22.74 -1.19 0.00
NIAGARA____ 23760	18.16 -1.41 0.00	18.07 -1.31 0.00	19.27 -1.26 0.00	18.86 -1.18 0.00	18.56 -0.99 0.03	19.12 -1.15 0.00	22.38 -1.47 0.00	22.79 -1.74 0.00	20.74 -1.89 0.00	20.49 -1.80 0.00	21.38 -1.90 0.00	25.17 -2.36 0.00	23.00 -2.17 0.00	23.90 -2.12 0.00	22.89 -2.08 0.00	25.99 -2.29 0.15	26.45 -2.69 0.00	30.52 -3.25 0.00	32.32 -3.58 0.00	26.43 -2.83 0.00	24.38 -2.47 0.00	21.96 -2.00 0.00	23.01 -1.32 0.00	22.92 -1.01 0.00
NINE_MILE_1 23575	18.93 -0.64 0.00	18.76 -0.63 0.00	19.88 -0.66 0.00	19.42 -0.63 0.00	18.98 -0.60 0.00	19.60 -0.66 0.00	22.99 -0.86 0.00	23.58 -0.95 0.00	21.75 -0.87 0.00	21.43 -0.86 0.00	22.35 -0.92 0.00	26.40 -1.13 0.00	24.14 -1.03 0.00	24.95 -1.07 0.00	23.95 -1.02 0.00	27.28 -1.15 0.00	27.97 -1.18 0.00	32.42 -1.36 0.00	34.41 -1.49 0.00	28.06 -1.21 0.00	25.76 -1.09 0.00	23.01 -0.95 0.00	23.51 -0.82 0.00	23.19 -0.74 0.00
NINE_MILE_2 23744	18.93 -0.64 0.00	18.76 -0.62 0.00	19.88 -0.65 0.00	19.42 -0.63 0.00	18.98 -0.60 0.00	19.60 -0.66 0.00	22.99 -0.86 0.00	23.58 -0.95 0.00	21.75 -0.87 0.00	21.43 -0.86 0.00	22.35 -0.92 0.00	26.40 -1.13 0.00	24.15 -1.02 0.00	24.95 -1.06 0.00	23.95 -1.01 0.00	27.29 -1.14 0.00	27.97 -1.18 0.00	32.42 -1.36 0.00	34.41 -1.49 0.00	28.06 -1.21 0.00	25.76 -1.09 0.00	23.02 -0.94 0.00	23.52 -0.81 0.00	23.19 -0.74 0.00
NM_CAPITAL___DRP 24208	19.68 0.10 0.00	19.49 0.10 0.00	20.62 0.09 0.00	20.15 0.11 0.00	19.69 0.10 0.00	20.39 0.13 0.00	23.99 0.15 0.00	24.77 0.24 0.00	22.92 0.30 0.00	22.56 0.27 0.00	23.54 0.27 0.00	27.91 0.38 0.00	25.51 0.35 0.00	26.37 0.35 0.00	25.30 0.34 0.00	28.79 0.37 0.00	29.60 0.45 0.00	34.30 0.53 0.00	36.33 0.43 0.00	29.54 0.28 0.00	27.14 0.29 0.00	24.17 0.21 0.00	24.44 0.11 0.00	24.00 0.07 0.00
NM_CENTRAL___DRP 24181	19.22 -0.35 0.00	19.04 -0.34 0.00	20.18 -0.35 0.00	19.72 -0.33 0.00	19.29 -0.30 0.00	19.94 -0.32 0.00	23.43 -0.42 0.00	24.06 -0.46 0.00	22.19 -0.43 0.00	21.83 -0.46 0.00	22.74 -0.53 0.00	26.87 -0.66 0.00	24.57 -0.59 0.00	25.40 -0.62 0.00	24.39 -0.58 0.00	27.78 -0.64 0.00	28.49 -0.65 0.00	33.02 -0.76 0.00	35.03 -0.87 0.00	28.61 -0.65 0.00	26.28 -0.56 0.00	23.47 -0.49 0.00	23.96 -0.37 0.00	23.61 -0.32 0.00
NM_FRONTIER___DRP 24179	17.99 -1.58 0.00	17.92 -1.47 0.00	19.10 -1.43 0.00	18.70 -1.35 0.00	18.44 -1.14 0.00	18.95 -1.31 0.00	22.19 -1.66 0.00	22.55 -1.97 0.00	20.51 -2.12 0.00	20.26 -2.03 0.00	21.14 -2.14 0.00	24.89 -2.64 0.00	22.75 -2.42 0.00	23.65 -2.37 0.00	22.66 -2.31 0.00	25.86 -2.56 0.00	26.17 -2.98 0.00	30.17 -3.61 0.00	31.95 -3.95 0.00	26.12 -3.14 0.00	24.10 -2.75 0.00	21.72 -2.24 0.00	22.82 -1.51 0.00	22.74 -1.19 0.00
NM_ST_REGIS___HYD 24053	19.90 0.32 0.00	19.69 0.31 0.00	20.88 0.35 0.00	20.37 0.32 0.00	19.87 0.29 0.00	20.47 0.21 0.00	24.16 0.31 0.00	24.80 0.27 0.00	22.87 0.24 0.00	22.56 0.27 0.00	23.54 0.27 0.00	27.88 0.35 0.00	25.44 0.27 0.00	26.32 0.30 0.00	25.21 0.25 0.00	28.71 0.28 0.00	29.33 0.18 0.00	33.87 0.09 0.00	36.32 0.42 0.00	29.63 0.37 0.00	27.19 0.34 0.00	24.25 0.29 0.00	24.52 0.19 0.00	24.07 0.13 0.00

NORTHPORT___1 23551	20.54 0.97 0.00	20.33 0.96 0.00	21.47 0.94 0.00	20.94 0.89 0.00	20.46 0.87 0.00	21.28 1.02 0.00	25.21 1.36 0.00	26.01 1.48 0.00	24.08 1.45 0.00	23.66 1.37 0.00	31.14 1.62 -6.25	31.50 1.92 -2.05	29.29 1.81 -2.31	34.68 1.87 -6.79	27.55 1.77 -0.81	30.51 1.98 -0.10	44.54 2.19 -13.21	51.97 2.47 -15.72	38.33 2.44 0.00	31.21 1.95 0.00	28.96 1.80 -0.30	25.41 1.46 0.00	25.66 1.33 0.00	25.35 1.42 0.00
NORTHPORT___2 23552	20.54 0.97 0.00	20.33 0.96 0.00	21.47 0.94 0.00	20.94 0.89 0.00	20.46 0.87 0.00	21.28 1.02 0.00	25.21 1.36 0.00	26.01 1.48 0.00	24.08 1.45 0.00	23.66 1.37 0.00	31.14 1.62 -6.25	31.50 1.92 -2.05	29.29 1.81 -2.31	34.68 1.87 -6.79	27.55 1.77 -0.81	30.51 1.98 -0.10	44.54 2.19 -13.21	51.97 2.47 -15.72	38.33 2.44 0.00	31.21 1.95 0.00	28.96 1.80 -0.30	25.41 1.46 0.00	25.66 1.33 0.00	25.35 1.42 0.00
NORTHPORT___3 23553	20.32 0.74 0.00	20.11 0.72 0.00	21.22 0.69 0.00	20.73 0.68 0.00	20.24 0.66 0.00	21.05 0.79 0.00	24.95 1.10 0.00	25.76 1.23 0.00	23.84 1.21 0.00	23.44 1.15 0.00	30.89 1.37 -6.25	31.24 1.67 -2.05	29.03 1.55 -2.31	34.42 1.61 -6.79	27.29 1.51 -0.81	30.24 1.71 -0.10	44.29 1.94 -13.21	51.72 2.21 -15.72	38.07 2.17 0.00	30.99 1.73 0.00	28.73 1.58 -0.30	25.21 1.26 0.00	25.42 1.09 0.00	25.02 1.09 0.00
NORTHPORT___4 23650	20.32 0.74 0.00	20.11 0.72 0.00	21.22 0.69 0.00	20.73 0.68 0.00	20.24 0.66 0.00	21.05 0.79 0.00	24.95 1.10 0.00	25.76 1.23 0.00	23.84 1.21 0.00	23.44 1.15 0.00	30.89 1.37 -6.25	31.24 1.67 -2.05	29.03 1.55 -2.31	34.42 1.61 -6.79	27.29 1.51 -0.81	30.24 1.71 -0.10	44.29 1.94 -13.21	51.72 2.21 -15.72	38.07 2.17 0.00	30.99 1.73 0.00	28.73 1.58 -0.30	25.21 1.26 0.00	25.42 1.09 0.00	25.02 1.09 0.00
NORTHPORT___IC 23718	20.54 0.97 0.00	20.33 0.96 0.00	21.47 0.94 0.00	20.94 0.89 0.00	20.46 0.87 0.00	21.28 1.02 0.00	25.21 1.36 0.00	26.01 1.48 0.00	24.08 1.45 0.00	23.66 1.37 0.00	31.14 1.62 -6.25	31.50 1.92 -2.05	29.29 1.81 -2.31	34.68 1.87 -6.79	27.55 1.77 -0.81	30.51 1.98 -0.10	44.54 2.19 -13.21	51.97 2.47 -15.72	38.33 2.44 0.00	31.21 1.95 0.00	28.96 1.80 -0.30	25.41 1.46 0.00	25.66 1.33 0.00	25.35 1.42 0.00
NORTH___COUNTRY_ESR 323785	20.26 0.69 0.00	20.05 0.67 0.00	21.24 0.71 0.00	20.71 0.67 0.00	20.21 0.62 0.00	20.85 0.59 0.00	24.61 0.76 0.00	25.27 0.74 0.00	23.26 0.64 0.00	22.94 0.65 0.00	23.94 0.67 0.00	28.37 0.84 0.00	25.92 0.75 0.00	26.81 0.79 0.00	25.64 0.68 0.00	29.15 0.73 0.00	29.78 0.64 0.00	34.52 0.75 0.00	36.85 0.95 0.00	30.08 0.81 0.00	27.64 0.79 0.00	24.67 0.71 0.00	25.03 0.70 0.00	24.58 0.65 0.00
NPX_GEN_1385_PROXY 323591	20.32 0.74 0.00	20.24 0.86 0.00	21.45 0.92 0.00	20.82 0.78 0.00	20.34 0.75 0.00	21.03 0.77 0.00	25.04 1.19 0.00	25.95 1.16 -0.25	23.80 1.17 0.00	23.41 1.09 -0.03	30.85 1.33 -6.25	31.17 1.59 -2.05	31.03 1.43 -4.44	34.66 1.85 -6.79	27.16 1.39 -0.81	30.12 1.59 -0.10	44.52 2.17 -13.21	51.66 2.16 -15.72	37.74 1.84 0.00	30.94 1.67 0.00	28.76 1.60 -0.30	25.12 1.17 0.00	25.48 1.15 0.00	25.09 1.16 0.00
NPX_GEN_CSC 323557	20.86 1.28 0.00	20.60 1.21 0.00	21.72 1.19 0.00	21.21 1.16 0.00	20.74 1.15 0.00	21.59 1.33 0.00	25.57 1.72 0.00	26.45 1.67 -0.25	24.28 1.65 0.00	23.78 1.47 -0.03	31.33 1.80 -6.25	31.76 2.17 -2.05	31.50 1.90 -4.44	34.71 1.90 -6.79	27.45 1.67 -0.81	30.44 1.91 -0.10	44.64 2.28 -13.21	52.39 2.89 -15.72	38.69 2.79 0.00	31.26 2.00 0.00	29.24 2.08 -0.30	25.53 1.57 0.00	25.68 1.35 0.00	25.65 1.71 0.00
NSINS_S_GLNS_FALLS 23858	20.38 0.80 0.00	20.15 0.76 0.00	21.32 0.79 0.00	20.83 0.78 0.00	20.35 0.76 0.00	21.18 0.92 0.00	25.05 1.20 0.00	25.92 1.39 0.00	24.01 1.38 0.00	23.63 1.35 0.00	24.69 1.42 0.00	29.19 1.66 0.00	26.70 1.53 0.00	27.57 1.55 0.00	26.40 1.44 0.00	30.09 1.66 0.00	31.07 1.93 0.00	36.07 2.29 0.00	38.14 2.24 0.00	30.84 1.57 0.00	28.24 1.39 0.00	25.12 1.17 0.00	25.35 1.02 0.00	24.87 0.93 0.00
NUCOR_STEEL___DRP 24197	19.34 -0.23 0.00	19.17 -0.22 0.00	20.31 -0.22 0.00	19.85 -0.20 0.00	19.43 -0.15 0.00	20.11 -0.15 0.00	23.64 -0.21 0.00	24.29 -0.23 0.00	22.39 -0.24 0.00	22.04 -0.25 0.00	22.99 -0.28 0.00	27.17 -0.36 0.00	24.83 -0.33 0.00	25.67 -0.35 0.00	24.64 -0.32 0.00	28.09 -0.34 0.00	28.80 -0.34 0.00	33.39 -0.38 0.00	35.44 -0.45 0.00	28.93 -0.33 0.00	26.53 -0.32 0.00	23.68 -0.27 0.00	24.18 -0.15 0.00	23.82 -0.11 0.00
NUMBER_THREE_WT_PWR 323818	19.58 0.00 0.00	19.38 0.00 0.00	20.63 0.10 0.00	20.17 0.12 0.00	19.72 0.13 0.00	20.44 0.18 0.00	24.10 0.25 0.00	24.81 0.28 0.00	23.00 0.37 0.00	22.61 0.32 0.00	23.52 0.24 0.00	27.94 0.41 0.00	25.49 0.33 0.00	26.27 0.25 0.00	25.15 0.18 0.00	28.59 0.16 0.00	29.28 0.14 0.00	33.90 0.12 0.00	35.96 0.06 0.00	29.30 0.04 0.00	26.81 -0.03 0.00	23.75 -0.20 0.00	23.86 -0.47 0.00	23.50 -0.43 0.00
NYISO_LBMP_REFERENCE 24008	19.58 0.00 0.00	19.38 0.00 0.00	20.53 0.00 0.00	20.05 0.00 0.00	19.59 0.00 0.00	20.26 0.00 0.00	23.85 0.00 0.00	24.53 0.00 0.00	22.63 0.00 0.00	22.29 0.00 0.00	23.27 0.00 0.00	27.53 0.00 0.00	25.17 0.00 0.00	26.02 0.00 0.00	24.96 0.00 0.00	28.42 0.00 0.00	29.14 0.00 0.00	33.78 0.00 0.00	35.90 0.00 0.00	29.26 0.00 0.00	26.85 0.00 0.00	23.96 0.00 0.00	24.33 0.00 0.00	23.93 0.00 0.00
NYPA_BRENTWD___GT 24164	20.75 1.17 0.00	20.51 1.13 0.00	21.64 1.11 0.00	21.11 1.07 0.00	20.63 1.05 0.00	21.49 1.23 0.00	25.47 1.63 0.00	26.29 1.77 0.00	24.35 1.72 0.00	23.94 1.65 0.00	31.45 1.93 -6.25	31.89 2.30 -2.05	29.63 2.15 -2.31	35.01 2.20 -6.79	27.87 2.09 -0.81	30.92 2.39 -0.10	44.98 2.63 -13.21	52.45 2.95 -15.72	38.95 3.06 0.00	31.69 2.43 0.00	29.36 2.21 -0.30	25.76 1.80 0.00	25.97 1.64 0.00	25.60 1.67 0.00
NYPA_GOWANUS___GT5 24156	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.36 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00
NYPA_GOWANUS___GT6 24157	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.20 0.00	23.43 1.14 0.00	24.53 1.26 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.96 1.39 -27.60	151.31 1.60 -121.28	322.28 1.80 -291.33	62.36 2.05 -26.54	100.82 2.10 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.38 1.04 -0.01	24.87 0.93 0.00

NYPA_HARLEM__RVR__GT1 24160	20.14 0.56 0.00	19.94 0.55 0.00	21.04 0.51 0.00	20.60 0.55 0.00	20.07 0.49 0.00	20.88 0.62 0.00	24.71 0.86 0.00	25.63 1.11 0.00	23.65 1.03 0.00	23.28 0.98 0.00	24.39 1.12 0.00	28.90 1.38 0.00	26.47 1.30 0.00	27.31 1.29 0.00	26.26 1.29 0.00	29.89 1.47 0.00	30.75 1.60 0.00	35.66 1.89 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.05 1.10 0.00	25.22 0.89 0.00	24.72 0.79 0.00
NYPA_HARLEM__RVR__GT2 24161	20.14 0.56 0.00	19.94 0.55 0.00	21.04 0.51 0.00	20.60 0.55 0.00	20.07 0.49 0.00	20.88 0.62 0.00	24.71 0.86 0.00	25.63 1.11 0.00	23.65 1.03 0.00	23.28 0.98 0.00	24.39 1.12 0.00	28.90 1.38 0.00	26.47 1.30 0.00	27.31 1.29 0.00	26.26 1.29 0.00	29.89 1.47 0.00	30.75 1.60 0.00	35.66 1.89 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.05 1.10 0.00	25.22 0.89 0.00	24.72 0.79 0.00
NYPA_KENT____GT 24152	20.27 0.69 0.00	20.06 0.68 0.00	21.18 0.65 0.00	20.74 0.69 0.00	20.23 0.65 0.00	21.03 0.77 0.00	24.89 1.04 0.00	25.80 1.27 0.00	23.80 1.17 0.00	23.40 1.11 0.00	24.49 1.22 0.00	29.02 1.49 0.00	26.57 1.40 0.00	45.05 1.39 -17.64	42.94 1.37 -16.61	102.98 1.57 -72.98	206.21 1.75 -175.32	51.75 2.00 -15.97	75.76 2.05 -37.81	115.10 1.74 -84.10	48.08 1.43 -19.80	57.99 1.19 -32.84	25.32 0.99 0.00	24.81 0.88 0.00
NYPA_POUCH1____GT 24155	20.27 0.70 0.00	20.10 0.71 0.00	21.26 0.73 0.00	20.83 0.78 0.00	20.31 0.72 0.00	21.10 0.84 0.00	24.97 1.12 0.00	25.84 1.31 0.00	23.76 1.13 0.00	23.35 1.06 0.00	24.44 1.17 0.00	28.96 1.43 0.00	26.50 1.33 0.00	56.64 1.30 -29.31	53.83 1.27 -27.60	149.87 1.47 -119.97	321.74 1.69 -290.91	61.81 1.90 -26.14	99.98 1.92 -62.16	170.67 1.66 -139.75	61.09 1.33 -32.91	79.67 1.14 -54.58	25.30 0.96 -0.01	24.80 0.87 0.00
NYPA_VERNON____GT2 24162	20.23 0.65 0.00	20.01 0.62 0.00	21.12 0.59 0.00	20.68 0.64 0.00	20.18 0.60 0.00	20.97 0.71 0.00	24.82 0.97 0.00	25.74 1.21 0.00	23.76 1.13 0.00	23.37 1.08 0.00	24.46 1.19 0.00	28.97 1.44 0.00	26.53 1.36 0.00	33.35 1.36 -5.97	31.93 1.34 -5.62	54.65 1.53 -24.69	90.16 1.71 -59.31	41.14 1.96 -5.40	50.70 2.01 -12.79	59.40 1.68 -28.45	34.94 1.39 -6.70	36.21 1.14 -11.11	25.27 0.94 0.00	24.77 0.83 0.00
NYPA_VERNON____GT3 24163	20.23 0.65 0.00	20.01 0.62 0.00	21.12 0.59 0.00	20.68 0.64 0.00	20.18 0.60 0.00	20.97 0.71 0.00	24.82 0.97 0.00	25.74 1.21 0.00	23.76 1.13 0.00	23.37 1.08 0.00	24.46 1.19 0.00	28.97 1.44 0.00	26.53 1.36 0.00	33.35 1.36 -5.97	31.93 1.34 -5.62	54.65 1.53 -24.69	90.16 1.71 -59.31	41.14 1.96 -5.40	50.70 2.01 -12.79	59.40 1.68 -28.45	34.94 1.39 -6.70	36.21 1.14 -11.11	25.27 0.94 0.00	24.77 0.83 0.00
NYPA__ASTORIA_CC1 323568	20.19 0.62 0.00	19.98 0.60 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.14 0.56 0.00	20.94 0.68 0.00	24.77 0.93 0.00	25.70 1.17 0.00	23.72 1.10 0.00	23.33 1.04 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.31 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.79 1.65 0.00	35.68 1.90 0.00	37.83 1.94 0.00	30.90 1.64 0.00	28.20 1.35 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.72 0.79 0.00
NYPA__ASTORIA_CC2 323569	20.19 0.62 0.00	19.98 0.60 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.14 0.56 0.00	20.94 0.68 0.00	24.77 0.93 0.00	25.70 1.17 0.00	23.72 1.10 0.00	23.33 1.04 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.33 1.31 0.00	26.26 1.30 0.00	29.91 1.48 0.00	30.79 1.65 0.00	35.68 1.90 0.00	37.83 1.94 0.00	30.90 1.64 0.00	28.20 1.35 0.00	25.06 1.10 0.00	25.22 0.89 0.00	24.72 0.79 0.00
NYPA__HOLTSVILL 23794	20.70 1.13 0.00	20.45 1.07 0.00	21.58 1.05 0.00	21.06 1.02 0.00	20.59 1.00 0.00	21.43 1.17 0.00	25.38 1.53 0.00	26.13 1.60 0.00	24.21 1.58 0.00	23.77 1.48 0.00	31.28 1.76 -6.25	31.69 2.11 -2.05	29.41 1.93 -2.31	34.77 1.96 -6.79	27.59 1.81 -0.81	30.60 2.07 -0.10	44.70 2.35 -13.21	52.30 2.81 -15.72	38.67 2.77 0.00	31.40 2.14 0.00	29.20 2.04 -0.30	25.56 1.60 0.00	25.73 1.40 0.00	25.48 1.55 0.00
NYPA__HELLGATE_GT1 24158	20.14 0.56 0.00	19.94 0.55 0.00	21.04 0.51 0.00	20.60 0.55 0.00	20.07 0.49 0.00	20.88 0.62 0.00	24.71 0.86 0.00	25.63 1.11 0.00	23.65 1.03 0.00	23.28 0.98 0.00	24.39 1.12 0.00	28.90 1.38 0.00	26.47 1.30 0.00	27.31 1.29 0.00	26.26 1.29 0.00	29.89 1.47 0.00	30.75 1.60 0.00	35.68 1.91 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.05 1.10 0.00	25.22 0.89 0.00	24.72 0.79 0.00
NYPA__HELLGATE_GT2 24159	20.14 0.56 0.00	19.94 0.55 0.00	21.04 0.51 0.00	20.60 0.55 0.00	20.07 0.49 0.00	20.88 0.62 0.00	24.71 0.86 0.00	25.63 1.11 0.00	23.65 1.03 0.00	23.28 0.98 0.00	24.39 1.12 0.00	28.90 1.38 0.00	26.47 1.30 0.00	27.31 1.29 0.00	26.26 1.29 0.00	29.89 1.47 0.00	30.75 1.60 0.00	35.68 1.91 0.00	37.78 1.88 0.00	30.87 1.61 0.00	28.17 1.32 0.00	25.05 1.10 0.00	25.22 0.89 0.00	24.72 0.79 0.00
NYS_BARGE__HYD 23848	18.38 -1.19 0.00	18.28 -1.10 0.00	19.48 -1.05 0.00	19.07 -0.98 0.00	18.78 -0.78 0.03	19.34 -0.92 0.00	22.63 -1.22 0.00	23.03 -1.50 0.00	20.95 -1.67 0.00	20.71 -1.58 0.00	21.62 -1.65 0.00	25.46 -2.07 0.00	23.26 -1.91 0.00	24.17 -1.85 0.00	23.16 -1.81 0.00	26.31 -1.97 0.14	26.79 -2.35 0.00	30.93 -2.85 0.00	32.73 -3.16 0.00	26.77 -2.50 0.00	24.66 -2.19 0.00	22.21 -1.75 0.00	23.28 -1.05 0.00	23.17 -0.76 0.00
OAK ORCHARD__HYD 24046	18.81 -0.77 0.00	18.67 -0.71 0.00	19.85 -0.68 0.00	19.42 -0.64 0.00	19.06 -0.51 0.02	19.69 -0.57 0.00	23.14 -0.71 0.00	23.70 -0.83 0.00	21.72 -0.90 0.00	21.44 -0.85 0.00	22.38 -0.89 0.00	26.39 -1.14 0.00	24.12 -1.05 0.00	25.01 -1.01 0.00	23.99 -0.97 0.00	27.30 -1.05 0.07	27.90 -1.25 0.00	32.25 -1.53 0.00	34.17 -1.73 0.00	27.89 -1.37 0.00	25.64 -1.21 0.00	22.98 -0.98 0.00	23.74 -0.59 0.00	23.49 -0.44 0.00
OAKDALE__35_KV_LOAD 356122	19.34 -0.24 0.00	19.17 -0.22 0.00	20.30 -0.23 0.00	19.85 -0.20 0.00	19.44 -0.15 0.00	20.14 -0.12 0.00	23.71 -0.14 0.00	24.45 -0.08 0.00	22.50 -0.12 0.00	22.13 -0.15 0.00	23.08 -0.19 0.00	27.29 -0.24 0.00	24.96 -0.21 0.00	25.77 -0.25 0.00	24.72 -0.24 0.00	28.21 -0.21 0.00	28.89 -0.25 0.00	33.54 -0.23 0.00	35.63 -0.27 0.00	29.12 -0.15 0.00	26.65 -0.20 0.00	23.83 -0.12 0.00	24.30 -0.03 0.00	23.87 -0.07 0.00
OCC_CHEM__DRP 24175	18.03 -1.54 0.00	17.95 -1.44 0.00	19.14 -1.39 0.00	18.73 -1.32 0.00	18.48 -1.10 0.00	18.98 -1.28 0.00	22.24 -1.61 0.00	22.60 -1.93 0.00	20.55 -2.08 0.00	20.30 -1.99 0.00	21.18 -2.09 0.00	24.95 -2.58 0.00	22.80 -2.36 0.00	23.70 -2.32 0.00	22.71 -2.25 0.00	25.92 -2.50 0.00	26.23 -2.92 0.00	30.25 -3.53 0.00	32.02 -3.87 0.00	26.18 -3.09 0.00	24.16 -2.69 0.00	21.77 -2.18 0.00	22.87 -1.46 0.00	22.79 -1.14 0.00

OH_GEN_PROXY 24063	18.19 -1.38 0.00	18.10 -1.28 0.00	19.29 -1.24 0.00	18.88 -1.16 0.00	29.37 -0.96 -10.75	32.76 -1.11 -13.61	35.44 -1.41 -13.00	23.12 -1.66 -0.25	20.82 -1.80 0.00	32.43 -1.71 -11.85	21.45 -1.82 0.00	25.27 -2.26 0.00	25.21 -2.08 -2.13	23.98 -2.03 0.00	22.97 -1.99 0.00	26.07 -2.20 0.16	26.56 -2.58 0.00	30.65 -3.13 0.00	32.46 -3.44 0.00	26.55 -2.72 0.00	24.47 -2.38 0.00	22.05 -1.91 0.00	36.56 -1.27 -13.50	22.95 -0.98 0.00
OLIN_CORP_DRP 24177	18.12 -1.45 0.00	18.03 -1.35 0.00	19.22 -1.31 0.00	18.82 -1.23 0.00	18.57 -1.02 0.00	19.08 -1.18 0.00	22.28 -1.57 0.00	22.61 -1.92 0.00	20.56 -2.07 0.00	20.32 -1.97 0.00	21.20 -2.06 0.00	24.97 -2.55 0.00	22.82 -2.35 0.00	23.72 -2.30 0.00	22.73 -2.23 0.00	25.95 -2.48 0.00	26.26 -2.88 0.00	30.30 -3.48 0.00	32.08 -3.82 0.00	26.23 -3.04 0.00	24.19 -2.66 0.00	21.80 -2.16 0.00	22.90 -1.43 0.00	22.82 -1.12 0.00
OLIN_CORP_DSASP 323712	18.03 -1.54 0.00	17.95 -1.44 0.00	19.14 -1.39 0.00	18.73 -1.32 0.00	18.44 -1.11 0.03	18.99 -1.27 0.00	22.24 -1.61 0.00	22.60 -1.93 0.00	20.55 -2.08 0.00	20.31 -1.99 0.00	21.20 -2.07 0.00	24.96 -2.57 0.00	22.80 -2.36 0.00	23.70 -2.32 0.00	22.70 -2.26 0.00	25.76 -2.51 0.15	26.22 -2.92 0.00	30.25 -3.53 0.00	32.01 -3.89 0.00	26.17 -3.09 0.00	24.16 -2.69 0.00	21.77 -2.19 0.00	22.86 -1.47 0.00	22.79 -1.14 0.00
ONEIDA_HERK_LFGE 323681	19.78 0.20 0.00	19.58 0.19 0.00	20.78 0.25 0.00	20.30 0.25 0.00	19.85 0.27 0.00	20.59 0.33 0.00	24.28 0.43 0.00	25.02 0.50 0.00	23.15 0.52 0.00	22.80 0.51 0.00	23.75 0.48 0.00	28.14 0.62 0.00	25.72 0.55 0.00	26.53 0.51 0.00	25.44 0.48 0.00	28.96 0.54 0.00	29.70 0.56 0.00	34.42 0.65 0.00	36.52 0.62 0.00	29.75 0.49 0.00	27.25 0.40 0.00	24.22 0.26 0.00	24.46 0.12 0.00	24.04 0.11 0.00
ONEIDA___115KV_TB4 55905	19.84 0.27 0.00	19.67 0.28 0.00	20.84 0.31 0.00	20.37 0.31 0.00	19.93 0.35 0.00	20.67 0.42 0.00	24.40 0.55 0.00	25.15 0.62 0.00	23.22 0.59 0.00	22.85 0.56 0.00	23.84 0.57 0.00	28.22 0.69 0.00	25.81 0.64 0.00	26.61 0.59 0.00	25.56 0.59 0.00	29.13 0.70 0.00	29.91 0.77 0.00	34.63 0.86 0.00	36.74 0.84 0.00	29.95 0.68 0.00	27.44 0.59 0.00	24.42 0.46 0.00	24.74 0.41 0.00	24.30 0.37 0.00
ONONDAGA_REF_OCCRA 23987	19.34 -0.23 0.00	19.16 -0.22 0.00	20.30 -0.23 0.00	19.83 -0.22 0.00	19.41 -0.18 0.00	20.07 -0.19 0.00	23.60 -0.25 0.00	24.25 -0.28 0.00	22.37 -0.26 0.00	22.00 -0.29 0.00	22.93 -0.34 0.00	27.09 -0.44 0.00	24.78 -0.39 0.00	25.60 -0.42 0.00	24.58 -0.39 0.00	28.01 -0.42 0.00	28.73 -0.41 0.00	33.31 -0.46 0.00	35.36 -0.54 0.00	28.87 -0.39 0.00	26.50 -0.35 0.00	23.66 -0.30 0.00	24.14 -0.19 0.00	23.77 -0.16 0.00
ONONDAGA___COGEN 23986	19.32 -0.25 0.00	19.14 -0.25 0.00	20.27 -0.26 0.00	19.81 -0.24 0.00	19.38 -0.20 0.00	20.04 -0.22 0.00	23.54 -0.31 0.00	24.19 -0.34 0.00	22.30 -0.32 0.00	21.96 -0.33 0.00	22.90 -0.37 0.00	27.06 -0.47 0.00	24.74 -0.43 0.00	25.57 -0.45 0.00	24.55 -0.42 0.00	27.98 -0.45 0.00	28.68 -0.46 0.00	33.26 -0.51 0.00	35.30 -0.60 0.00	28.81 -0.46 0.00	26.43 -0.41 0.00	23.60 -0.36 0.00	24.09 -0.24 0.00	23.72 -0.21 0.00
ONTARIO___LFGE 23819	19.19 -0.39 0.00	19.01 -0.38 0.00	20.15 -0.38 0.00	19.71 -0.34 0.00	19.35 -0.24 0.00	20.03 -0.23 0.00	23.60 -0.24 0.00	24.32 -0.21 0.00	22.35 -0.27 0.00	22.00 -0.29 0.00	22.97 -0.30 0.00	27.14 -0.39 0.00	24.79 -0.37 0.00	25.61 -0.41 0.00	24.58 -0.39 0.00	28.10 -0.33 0.00	28.70 -0.44 0.00	33.21 -0.57 0.00	35.35 -0.55 0.00	28.93 -0.33 0.00	26.49 -0.36 0.00	23.69 -0.27 0.00	24.25 -0.09 0.00	23.86 -0.07 0.00
ORANGEVILLE_WT_PWR 323706	18.51 -1.06 0.00	18.45 -0.94 0.00	19.64 -0.89 0.00	19.23 -0.82 0.00	18.94 -0.64 0.01	19.53 -0.73 0.00	22.88 -0.97 0.00	23.45 -1.07 0.00	21.40 -1.23 0.00	21.07 -1.22 0.00	22.01 -1.25 0.00	25.98 -1.55 0.00	23.77 -1.40 0.00	24.59 -1.43 0.00	23.55 -1.41 0.00	26.95 -1.42 0.06	27.33 -1.81 0.00	31.58 -2.20 0.00	33.70 -2.20 0.00	27.63 -1.63 0.00	25.37 -1.48 0.00	22.83 -1.13 0.00	23.69 -0.64 0.00	23.51 -0.43 0.00
ORANGEVILLE___ESR 323794	18.51 -1.06 0.00	18.45 -0.94 0.00	19.64 -0.89 0.00	19.23 -0.82 0.00	18.94 -0.64 0.01	19.53 -0.73 0.00	22.88 -0.97 0.00	23.45 -1.07 0.00	21.40 -1.23 0.00	21.07 -1.22 0.00	22.01 -1.25 0.00	25.98 -1.55 0.00	23.77 -1.40 0.00	24.59 -1.43 0.00	23.55 -1.41 0.00	26.95 -1.42 0.06	27.33 -1.81 0.00	31.58 -2.20 0.00	33.70 -2.20 0.00	27.63 -1.63 0.00	25.37 -1.48 0.00	22.83 -1.13 0.00	23.69 -0.64 0.00	23.51 -0.43 0.00
OSWEGATCHIE___HYD 24044	19.42 -0.16 0.00	19.23 -0.16 0.00	20.43 -0.10 0.00	19.96 -0.09 0.00	19.48 -0.10 0.00	20.13 -0.13 0.00	23.75 -0.10 0.00	24.41 -0.12 0.00	22.56 -0.06 0.00	22.22 -0.07 0.00	23.16 -0.11 0.00	27.46 -0.07 0.00	25.07 -0.10 0.00	25.89 -0.13 0.00	24.80 -0.17 0.00	28.24 -0.19 0.00	28.89 -0.25 0.00	33.39 -0.39 0.00	35.63 -0.26 0.00	29.04 -0.23 0.00	26.60 -0.25 0.00	23.65 -0.31 0.00	23.84 -0.49 0.00	23.43 -0.51 0.00
OSWEGO___5 23606	19.05 -0.53 0.00	18.86 -0.52 0.00	19.99 -0.54 0.00	19.53 -0.52 0.00	19.09 -0.49 0.00	19.72 -0.54 0.00	23.16 -0.69 0.00	23.76 -0.76 0.00	21.92 -0.71 0.00	21.59 -0.70 0.00	22.52 -0.75 0.00	26.61 -0.92 0.00	24.33 -0.84 0.00	25.15 -0.87 0.00	24.14 -0.83 0.00	27.50 -0.93 0.00	28.19 -0.96 0.00	32.67 -1.10 0.00	34.68 -1.22 0.00	28.29 -0.98 0.00	25.96 -0.89 0.00	23.19 -0.76 0.00	23.68 -0.65 0.00	23.35 -0.59 0.00
OSWEGO___6 23613	19.05 -0.53 0.00	18.86 -0.52 0.00	19.99 -0.54 0.00	19.53 -0.52 0.00	19.09 -0.49 0.00	19.72 -0.54 0.00	23.16 -0.69 0.00	23.76 -0.76 0.00	21.92 -0.71 0.00	21.59 -0.70 0.00	22.52 -0.75 0.00	26.61 -0.92 0.00	24.33 -0.84 0.00	25.15 -0.87 0.00	24.14 -0.83 0.00	27.50 -0.93 0.00	28.19 -0.96 0.00	32.67 -1.10 0.00	34.68 -1.22 0.00	28.29 -0.98 0.00	25.96 -0.89 0.00	23.19 -0.76 0.00	23.68 -0.65 0.00	23.35 -0.59 0.00
OUTOKUMPU-AB___DRP 24206	18.48 -1.09 0.00	18.40 -0.99 0.00	19.60 -0.93 0.00	19.18 -0.87 0.00	18.92 -0.66 0.00	19.46 -0.80 0.00	22.80 -1.05 0.00	23.24 -1.29 0.00	21.15 -1.48 0.00	20.90 -1.40 0.00	21.81 -1.46 0.00	25.70 -1.83 0.00	23.49 -1.68 0.00	24.40 -1.62 0.00	23.38 -1.58 0.00	26.71 -1.71 0.00	27.06 -2.08 0.00	31.24 -2.54 0.00	33.08 -2.82 0.00	27.05 -2.22 0.00	24.92 -1.93 0.00	22.44 -1.52 0.00	23.50 -0.83 0.00	23.36 -0.57 0.00
OXBOW___BTM 323836	18.31 -1.27 0.00	18.22 -1.17 0.00	19.41 -1.12 0.00	19.01 -1.04 0.00	18.71 -0.84 0.03	19.28 -0.98 0.00	22.58 -1.27 0.00	22.99 -1.54 0.00	20.91 -1.72 0.00	20.67 -1.63 0.00	21.58 -1.69 0.00	25.41 -2.12 0.00	23.20 -1.97 0.00	24.11 -1.91 0.00	23.09 -1.87 0.00	26.22 -2.05 0.15	26.71 -2.43 0.00	30.82 -2.96 0.00	32.62 -3.27 0.00	26.68 -2.59 0.00	24.59 -2.26 0.00	22.15 -1.80 0.00	23.23 -1.10 0.00	23.12 -0.81 0.00

OXBOW____ 24026	18.31 -1.27 0.00	18.22 -1.17 0.00	19.41 -1.12 0.00	19.01 -1.04 0.00	18.71 -0.84 0.03	19.28 -0.98 0.00	22.58 -1.27 0.00	22.99 -1.54 0.00	20.91 -1.72 0.00	20.67 -1.63 0.00	21.58 -1.69 0.00	25.41 -2.12 0.00	23.20 -1.97 0.00	24.11 -1.91 0.00	23.09 -1.87 0.00	26.22 -2.05 0.15	26.71 -2.43 0.00	30.82 -2.96 0.00	32.62 -3.27 0.00	26.68 -2.59 0.00	24.59 -2.26 0.00	22.15 -1.80 0.00	23.23 -1.10 0.00	23.12 -0.81 0.00
OXY_CHEM_DSASP 323612	18.03 -1.54 0.00	17.95 -1.44 0.00	19.14 -1.39 0.00	18.73 -1.32 0.00	18.48 -1.10 0.00	18.98 -1.28 0.00	22.24 -1.61 0.00	22.60 -1.93 0.00	20.55 -2.08 0.00	20.30 -1.99 0.00	21.18 -2.09 0.00	24.95 -2.58 0.00	22.80 -2.36 0.00	23.70 -2.32 0.00	22.71 -2.25 0.00	25.92 -2.50 0.00	26.23 -2.92 0.00	30.25 -3.53 0.00	32.02 -3.87 0.00	26.18 -3.09 0.00	24.16 -2.69 0.00	21.77 -2.18 0.00	22.87 -1.46 0.00	22.79 -1.14 0.00
OZONE_PARK_ESR 323760	20.32 0.75 0.00	20.10 0.71 0.00	21.21 0.68 0.00	20.77 0.72 0.00	20.27 0.69 0.00	21.06 0.80 0.00	24.94 1.09 0.00	25.87 1.34 0.00	23.89 1.26 0.00	23.50 1.21 0.00	24.60 1.33 0.00	29.15 1.62 0.00	26.68 1.52 0.00	27.58 1.56 0.00	26.47 1.51 0.00	30.15 1.73 0.00	31.06 1.92 0.00	35.99 2.21 0.00	38.18 2.29 0.00	31.15 1.89 0.00	28.46 1.61 0.00	25.28 1.32 0.00	25.44 1.12 0.00	24.93 1.00 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.03 -1.54 0.00	17.95 -1.44 0.00	19.14 -1.39 0.00	18.73 -1.32 0.00	18.48 -1.10 0.00	18.98 -1.28 0.00	22.24 -1.61 0.00	22.60 -1.93 0.00	20.55 -2.08 0.00	20.30 -1.99 0.00	21.18 -2.09 0.00	24.95 -2.58 0.00	22.80 -2.36 0.00	23.70 -2.32 0.00	22.71 -2.25 0.00	25.92 -2.50 0.00	26.23 -2.92 0.00	30.25 -3.53 0.00	32.02 -3.87 0.00	26.18 -3.09 0.00	24.16 -2.69 0.00	21.77 -2.18 0.00	22.87 -1.46 0.00	22.79 -1.14 0.00
PACKARD__115KV_DUPONT_184 80571	18.03 -1.54 0.00	17.95 -1.44 0.00	19.14 -1.39 0.00	18.73 -1.32 0.00	18.48 -1.10 0.00	18.98 -1.28 0.00	22.24 -1.61 0.00	22.60 -1.93 0.00	20.55 -2.08 0.00	20.30 -1.99 0.00	21.18 -2.09 0.00	24.95 -2.58 0.00	22.80 -2.36 0.00	23.70 -2.32 0.00	22.71 -2.25 0.00	25.92 -2.50 0.00	26.23 -2.92 0.00	30.25 -3.53 0.00	32.02 -3.87 0.00	26.18 -3.09 0.00	24.16 -2.69 0.00	21.77 -2.18 0.00	22.87 -1.46 0.00	22.79 -1.14 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.17 0.60 0.00	19.97 0.59 0.00	21.07 0.55 0.00	20.64 0.59 0.00	20.12 0.53 0.00	20.92 0.67 0.00	24.75 0.91 0.00	25.68 1.15 0.00	23.68 1.05 0.00	23.27 0.98 0.00	24.38 1.11 0.00	28.88 1.35 0.00	26.44 1.28 0.00	27.28 1.26 0.00	26.22 1.25 0.00	29.85 1.42 0.00	30.70 1.56 0.00	35.63 1.85 0.00	37.76 1.87 0.00	30.86 1.59 0.00	28.16 1.31 0.00	25.04 1.08 0.00	25.21 0.88 0.00	24.72 0.79 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.24 0.67 0.00	20.03 0.64 0.00	21.15 0.62 0.00	20.77 0.72 0.00	20.23 0.65 0.00	21.06 0.80 0.00	24.87 1.02 0.00	25.78 1.26 0.00	23.77 1.14 0.00	23.43 1.15 0.00	24.50 1.23 0.00	29.06 1.53 0.00	26.59 1.42 0.00	27.44 1.42 0.00	26.37 1.40 0.00	30.02 1.59 0.00	30.86 1.72 0.00	35.80 2.02 0.00	37.95 2.06 0.00	31.02 1.75 0.00	28.29 1.44 0.00	25.16 1.20 0.00	25.34 1.01 0.00	24.86 0.93 0.00
PATROON__115KV_TB1 80586	19.70 0.12 0.00	19.50 0.11 0.00	20.63 0.10 0.00	20.16 0.12 0.00	19.70 0.12 0.00	20.41 0.14 0.00	24.02 0.17 0.00	24.80 0.27 0.00	22.95 0.32 0.00	22.59 0.30 0.00	23.58 0.31 0.00	27.95 0.42 0.00	25.56 0.39 0.00	26.41 0.39 0.00	25.34 0.38 0.00	28.84 0.42 0.00	29.65 0.51 0.00	34.36 0.59 0.00	36.39 0.49 0.00	29.60 0.33 0.00	27.18 0.33 0.00	24.20 0.24 0.00	24.46 0.13 0.00	24.02 0.09 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.01 -0.57 0.00	18.89 -0.49 0.00	20.11 -0.43 0.00	19.69 -0.36 0.00	19.40 -0.19 0.00	19.98 -0.28 0.00	23.46 -0.39 0.00	24.02 -0.50 0.00	21.90 -0.72 0.00	21.62 -0.67 0.00	22.54 -0.73 0.00	26.52 -1.01 0.00	24.25 -0.92 0.00	25.14 -0.87 0.00	24.11 -0.86 0.00	27.57 -0.86 0.00	27.94 -1.20 0.00	32.32 -1.45 0.00	34.26 -1.64 0.00	28.04 -1.23 0.00	25.77 -1.08 0.00	23.22 -0.74 0.00	24.18 -0.15 0.00	23.98 0.05 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.27 0.69 0.00	20.04 0.66 0.00	21.18 0.65 0.00	20.72 0.67 0.00	20.23 0.64 0.00	21.03 0.77 0.00	24.87 1.02 0.00	25.76 1.23 0.00	23.79 1.16 0.00	23.41 1.12 0.00	24.52 1.25 0.00	29.04 1.51 0.00	26.59 1.43 0.00	27.45 1.44 0.00	26.37 1.40 0.00	30.02 1.60 0.00	30.93 1.79 0.00	35.88 2.11 0.00	38.05 2.15 0.00	31.01 1.75 0.00	28.35 1.50 0.00	25.19 1.23 0.00	25.40 1.07 0.00	24.90 0.97 0.00
PEEKSKILL____ 23653	20.05 0.47 0.00	19.83 0.45 0.00	20.96 0.43 0.00	20.50 0.45 0.00	20.01 0.43 0.00	20.80 0.54 0.00	24.59 0.74 0.00	25.46 0.93 0.00	23.51 0.88 0.00	23.11 0.82 0.00	24.21 0.93 0.00	28.67 1.14 0.00	26.25 1.08 0.00	27.10 1.08 0.00	26.03 1.07 0.00	29.64 1.21 0.00	30.53 1.38 0.00	35.38 1.61 0.00	37.53 1.63 0.00	30.61 1.35 0.00	27.98 1.13 0.00	24.87 0.92 0.00	25.08 0.75 0.00	24.62 0.68 0.00
PGE MADISON__WINDPWR 24146	20.34 0.77 0.00	20.12 0.74 0.00	21.34 0.81 0.00	20.83 0.78 0.00	20.42 0.83 -0.01	21.29 1.03 0.00	25.24 1.39 0.00	26.04 1.51 0.00	24.03 1.41 0.00	23.63 1.34 0.00	24.57 1.30 0.00	28.99 1.47 0.00	26.49 1.32 0.00	27.22 1.21 0.00	26.11 1.15 0.00	29.94 1.47 -0.04	30.84 1.69 0.00	36.08 2.30 0.00	38.22 2.33 0.00	31.33 2.06 0.00	28.73 1.88 0.00	25.57 1.62 0.00	25.85 1.52 0.00	25.23 1.30 0.00
PIERCEFIELD__HYD 23852	19.70 0.12 0.00	19.50 0.12 0.00	20.69 0.16 0.00	20.19 0.14 0.00	19.69 0.11 0.00	20.27 0.01 0.00	23.92 0.07 0.00	24.55 0.02 0.00	22.64 0.01 0.00	22.33 0.04 0.00	23.30 0.04 0.00	27.58 0.05 0.00	25.17 0.00 0.00	26.05 0.03 0.00	24.96 0.00 0.00	28.46 0.03 0.00	29.07 -0.07 0.00	33.53 -0.24 0.00	35.99 0.09 0.00	29.36 0.10 0.00	26.94 0.09 0.00	24.02 0.06 0.00	24.28 -0.05 0.00	23.83 -0.10 0.00
PINELAWN_CC_1 323563	20.60 1.03 0.00	20.36 0.98 0.00	21.49 0.96 0.00	20.98 0.93 0.00	20.50 0.91 0.00	21.33 1.07 0.00	25.29 1.44 0.00	26.13 1.60 0.00	24.18 1.56 0.00	23.78 1.49 0.00	31.27 1.75 -6.25	31.69 2.11 -2.05	29.42 1.94 -2.31	34.81 2.00 -6.79	27.68 1.90 -0.81	30.70 2.17 -0.10	44.77 2.42 -13.21	52.30 2.80 -15.72	38.73 2.83 0.00	31.49 2.23 0.00	29.19 2.03 -0.30	25.59 1.64 0.00	25.79 1.46 0.00	25.40 1.47 0.00
PJM_GEN_HTP_PROXY 323702	20.12 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.70 0.85 0.00	25.60 1.07 0.00	23.63 1.00 0.00	23.25 0.96 0.00	24.34 1.07 0.00	28.84 1.31 0.00	26.41 1.24 0.00	27.27 1.25 0.00	26.20 1.23 0.00	29.83 1.41 0.00	30.72 1.58 0.00	35.59 1.81 0.00	37.75 1.85 0.00	30.80 1.54 0.00	28.14 1.29 0.00	25.00 1.05 0.00	25.18 0.85 0.00	24.68 0.75 0.00

PJM_GEN_KEystone 24065	19.33 -0.24 0.00	19.17 -0.21 0.00	20.30 -0.23 0.00	19.87 -0.18 0.00	19.42 -0.12 0.04	20.18 -0.08 0.00	23.78 -0.07 0.00	24.56 0.03 0.00	22.54 -0.08 0.00	22.17 -0.12 0.00	23.12 -0.15 0.00	27.31 -0.22 0.00	24.97 -0.17 0.03	25.42 -0.19 0.41	24.45 -0.18 0.33	27.52 -0.14 0.77	28.27 -0.17 0.70	32.96 -0.20 0.61	34.68 -0.27 0.95	28.82 -0.13 0.32	26.50 -0.20 0.15	23.75 -0.10 0.10	24.35 0.02 0.00	23.98 0.04 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.28 0.70 0.00	20.05 0.67 0.00	21.16 0.63 0.00	20.68 0.63 0.00	20.19 0.61 0.00	21.01 0.75 0.00	24.88 1.03 0.00	25.72 1.19 0.00	23.79 1.16 0.00	23.40 1.11 0.00	30.84 1.31 -6.25	31.17 1.59 -2.05	28.97 1.49 -2.31	34.32 1.51 -6.79	27.23 1.46 -0.81	30.19 1.66 -0.10	44.21 1.86 -13.21	51.64 2.14 -15.72	38.05 2.15 0.00	30.98 1.71 0.00	28.67 1.52 -0.30	25.18 1.22 0.00	25.38 1.05 0.00	24.95 1.02 0.00
PJM_GEN_VFT_PROXY 323633	20.04 0.46 0.00	19.82 0.44 0.00	20.92 0.39 0.00	20.50 0.44 0.00	19.98 0.40 0.00	20.77 0.51 0.00	24.57 0.72 0.00	25.49 0.96 0.00	23.54 0.91 0.00	23.14 0.85 0.00	24.23 0.95 0.00	28.71 1.18 0.00	25.90 1.11 0.38	21.32 1.15 5.84	21.32 1.13 4.78	21.32 1.29 8.39	20.64 1.45 9.95	26.69 1.66 8.74	24.07 1.71 13.53	26.17 1.42 4.51	25.88 1.17 2.14	23.45 0.94 1.45	25.07 0.74 0.00	24.58 0.64 0.00
PLATSBRG_115KV_PMLD1 355749	20.53 0.96 0.00	20.30 0.92 0.00	21.50 0.97 0.00	20.95 0.91 0.00	20.45 0.87 0.00	21.15 0.89 0.00	24.98 1.13 0.00	25.69 1.16 0.00	23.66 1.03 0.00	23.31 1.02 0.00	24.34 1.08 0.00	28.86 1.33 0.00	26.35 1.18 0.00	27.24 1.22 0.00	26.03 1.07 0.00	29.60 1.17 0.00	30.30 1.15 0.00	35.10 1.32 0.00	37.35 1.46 0.00	30.48 1.22 0.00	28.03 1.18 0.00	25.00 1.04 0.00	25.35 1.03 0.00	24.92 0.99 0.00
PLEASANTVLY___LBMP 24000	19.98 0.41 0.00	19.77 0.39 0.00	20.90 0.37 0.00	20.45 0.40 0.00	19.96 0.37 0.00	20.73 0.47 0.00	24.48 0.64 0.00	25.33 0.80 0.00	23.39 0.76 0.00	23.01 0.72 0.00	24.10 0.83 0.00	28.55 1.02 0.00	26.14 0.97 0.00	26.99 0.97 0.00	25.92 0.96 0.00	29.49 1.07 0.00	30.37 1.23 0.00	35.21 1.43 0.00	37.33 1.43 0.00	30.42 1.16 0.00	27.83 0.99 0.00	24.75 0.80 0.00	24.98 0.65 0.00	24.52 0.59 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.10 0.53 0.00	19.89 0.50 0.00	21.02 0.49 0.00	20.56 0.51 0.00	20.06 0.48 0.00	20.86 0.60 0.00	24.66 0.81 0.00	25.53 1.00 0.00	23.57 0.94 0.00	23.19 0.90 0.00	24.29 1.02 0.00	28.77 1.24 0.00	26.35 1.18 0.00	27.19 1.18 0.00	26.12 1.16 0.00	29.74 1.31 0.00	30.63 1.49 0.00	35.51 1.73 0.00	37.65 1.75 0.00	30.70 1.44 0.00	28.06 1.22 0.00	24.95 0.99 0.00	25.16 0.83 0.00	24.68 0.74 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.10 0.53 0.00	19.89 0.50 0.00	21.02 0.49 0.00	20.56 0.51 0.00	20.06 0.48 0.00	20.86 0.60 0.00	24.66 0.81 0.00	25.53 1.00 0.00	23.57 0.94 0.00	23.19 0.90 0.00	24.29 1.02 0.00	28.77 1.24 0.00	26.35 1.18 0.00	27.19 1.18 0.00	26.12 1.16 0.00	29.74 1.31 0.00	30.63 1.49 0.00	35.51 1.73 0.00	37.65 1.75 0.00	30.70 1.44 0.00	28.06 1.22 0.00	24.95 0.99 0.00	25.16 0.83 0.00	24.68 0.74 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.13 0.56 0.00	19.91 0.52 0.00	21.05 0.52 0.00	20.60 0.55 0.00	20.10 0.52 0.00	20.89 0.63 0.00	24.69 0.84 0.00	25.56 1.03 0.00	23.60 0.97 0.00	23.22 0.94 0.00	24.33 1.05 0.00	28.81 1.27 0.00	26.37 1.20 0.00	27.23 1.21 0.00	26.16 1.19 0.00	29.77 1.35 0.00	30.67 1.53 0.00	35.59 1.82 0.00	37.75 1.85 0.00	30.76 1.49 0.00	28.13 1.28 0.00	25.00 1.04 0.00	25.22 0.89 0.00	24.74 0.81 0.00
POLETTI_____ 23519	20.12 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.67 0.82 0.00	25.58 1.05 0.00	23.62 0.99 0.00	23.23 0.95 0.00	24.33 1.06 0.00	28.82 1.29 0.00	26.39 1.22 0.00	27.25 1.23 0.00	26.17 1.21 0.00	29.82 1.39 0.00	30.70 1.56 0.00	35.55 1.78 0.00	37.73 1.83 0.00	30.78 1.52 0.00	28.11 1.26 0.00	24.98 1.02 0.00	25.15 0.82 0.00	24.65 0.72 0.00
POMONA___ESR 323819	20.05 0.47 0.00	19.84 0.46 0.00	20.97 0.44 0.00	20.51 0.46 0.00	20.03 0.44 0.00	20.82 0.55 0.00	24.61 0.76 0.00	25.48 0.95 0.00	23.52 0.89 0.00	23.11 0.82 0.00	24.20 0.93 0.00	28.66 1.13 0.00	26.23 1.06 0.00	27.08 1.06 0.00	26.02 1.06 0.00	29.63 1.20 0.00	30.52 1.37 0.00	35.38 1.60 0.00	37.53 1.63 0.00	30.61 1.35 0.00	27.98 1.13 0.00	24.88 0.92 0.00	25.10 0.77 0.00	24.63 0.70 0.00
PORT_JEFF_3 23555	20.74 1.17 0.00	20.49 1.11 0.00	21.62 1.08 0.00	21.09 1.05 0.00	20.62 1.03 0.00	21.47 1.21 0.00	25.43 1.58 0.00	26.18 1.65 0.00	24.26 1.63 0.00	23.82 1.53 0.00	31.33 1.81 -6.25	31.77 2.19 -2.05	29.47 1.99 -2.31	34.84 2.03 -6.79	27.65 1.88 -0.81	30.67 2.14 -0.10	44.79 2.43 -13.21	52.41 2.91 -15.72	38.78 2.88 0.00	31.48 2.21 0.00	29.27 2.11 -0.30	25.62 1.66 0.00	25.79 1.46 0.00	25.53 1.60 0.00
PORT_JEFF_4 23616	20.74 1.17 0.00	20.49 1.11 0.00	21.62 1.08 0.00	21.09 1.05 0.00	20.62 1.03 0.00	21.47 1.21 0.00	25.43 1.58 0.00	26.18 1.65 0.00	24.26 1.63 0.00	23.82 1.53 0.00	31.33 1.81 -6.25	31.77 2.19 -2.05	29.47 1.99 -2.31	34.84 2.03 -6.79	27.65 1.88 -0.81	30.67 2.14 -0.10	44.79 2.43 -13.21	52.41 2.91 -15.72	38.78 2.88 0.00	31.48 2.21 0.00	29.27 2.11 -0.30	25.62 1.66 0.00	25.79 1.46 0.00	25.53 1.60 0.00
PORT_JEFF_IC 23713	20.75 1.18 0.00	20.50 1.12 0.00	21.62 1.09 0.00	21.11 1.06 0.00	20.63 1.04 0.00	21.48 1.22 0.00	25.45 1.60 0.00	26.19 1.66 0.00	24.27 1.65 0.00	23.83 1.54 0.00	31.35 1.83 -6.25	31.79 2.21 -2.05	29.49 2.02 -2.31	34.86 2.05 -6.79	27.66 1.89 -0.81	30.69 2.16 -0.10	44.82 2.46 -13.21	52.45 2.96 -15.72	38.83 2.93 0.00	31.50 2.24 0.00	29.30 2.15 -0.30	25.64 1.68 0.00	25.80 1.47 0.00	25.55 1.62 0.00
PPL PILGRIM_ST_GT1 24216	20.75 1.17 0.00	20.51 1.13 0.00	21.64 1.11 0.00	21.11 1.07 0.00	20.63 1.05 0.00	21.49 1.23 0.00	25.47 1.63 0.00	26.29 1.77 0.00	24.35 1.72 0.00	23.94 1.65 0.00	31.45 1.93 -6.25	31.89 2.30 -2.05	29.63 2.15 -2.31	35.01 2.20 -6.79	27.87 2.09 -0.81	30.92 2.39 -0.10	44.98 2.63 -13.21	52.45 2.95 -15.72	38.95 3.06 0.00	31.69 2.43 0.00	29.36 2.21 -0.30	25.76 1.80 0.00	25.97 1.64 0.00	25.60 1.67 0.00
PPL PILGRIM_ST_GT2 24217	20.75 1.17 0.00	20.51 1.13 0.00	21.64 1.11 0.00	21.11 1.07 0.00	20.63 1.05 0.00	21.49 1.23 0.00	25.47 1.63 0.00	26.29 1.77 0.00	24.35 1.72 0.00	23.94 1.65 0.00	31.45 1.93 -6.25	31.89 2.30 -2.05	29.63 2.15 -2.31	35.01 2.20 -6.79	27.87 2.09 -0.81	30.92 2.39 -0.10	44.98 2.63 -13.21	52.45 2.95 -15.72	38.95 3.06 0.00	31.69 2.43 0.00	29.36 2.21 -0.30	25.76 1.80 0.00	25.97 1.64 0.00	25.60 1.67 0.00

PPL_SHRM_GT3 24213	20.87 1.30 0.00	20.62 1.23 0.00	21.75 1.21 0.00	21.23 1.18 0.00	20.75 1.17 0.00	21.61 1.35 0.00	25.59 1.74 0.00	26.22 1.69 0.00	24.30 1.68 0.00	23.78 1.49 0.00	31.35 1.83 -6.25	31.78 2.20 -2.05	29.41 1.93 -2.31	34.74 1.93 -6.79	27.47 1.70 -0.81	30.47 1.94 -0.10	44.67 2.32 -13.21	52.42 2.92 -15.72	38.74 2.84 0.00	31.30 2.03 0.00	29.27 2.12 -0.30	25.56 1.61 0.00	25.71 1.38 0.00	25.67 1.74 0.00
PPL_SHRM_GT4 24214	20.87 1.30 0.00	20.62 1.23 0.00	21.75 1.21 0.00	21.23 1.18 0.00	20.75 1.17 0.00	21.61 1.35 0.00	25.59 1.74 0.00	26.22 1.69 0.00	24.30 1.68 0.00	23.78 1.49 0.00	31.35 1.83 -6.25	31.78 2.20 -2.05	29.41 1.93 -2.31	34.74 1.93 -6.79	27.47 1.70 -0.81	30.47 1.94 -0.10	44.67 2.32 -13.21	52.42 2.92 -15.72	38.74 2.84 0.00	31.30 2.03 0.00	29.27 2.12 -0.30	25.56 1.61 0.00	25.71 1.38 0.00	25.67 1.74 0.00
PROJECT___ORANGE 1 24174	19.24 -0.34 0.00	19.05 -0.33 0.00	20.19 -0.34 0.00	19.73 -0.32 0.00	19.30 -0.29 0.00	19.95 -0.31 0.00	23.44 -0.41 0.00	24.07 -0.45 0.00	22.21 -0.42 0.00	21.84 -0.45 0.00	22.76 -0.51 0.00	26.89 -0.64 0.00	24.59 -0.58 0.00	25.42 -0.60 0.00	24.40 -0.56 0.00	27.81 -0.62 0.00	28.50 -0.64 0.00	33.04 -0.74 0.00	35.05 -0.85 0.00	28.64 -0.63 0.00	26.29 -0.55 0.00	23.48 -0.47 0.00	23.98 -0.35 0.00	23.63 -0.30 0.00
PROJECT___ORANGE 2 24166	19.24 -0.34 0.00	19.05 -0.33 0.00	20.19 -0.34 0.00	19.73 -0.32 0.00	19.30 -0.29 0.00	19.95 -0.31 0.00	23.44 -0.41 0.00	24.07 -0.45 0.00	22.21 -0.42 0.00	21.84 -0.45 0.00	22.76 -0.51 0.00	26.89 -0.64 0.00	24.59 -0.58 0.00	25.42 -0.60 0.00	24.40 -0.56 0.00	27.81 -0.62 0.00	28.50 -0.64 0.00	33.04 -0.74 0.00	35.05 -0.85 0.00	28.64 -0.63 0.00	26.29 -0.55 0.00	23.48 -0.47 0.00	23.98 -0.35 0.00	23.63 -0.30 0.00
PUCKETT___SOLAR 323809	19.55 -0.02 0.00	19.37 -0.02 0.00	20.51 -0.02 0.00	20.05 0.00 0.00	19.66 0.06 -0.01	20.41 0.15 0.00	24.07 0.22 0.00	24.83 0.30 0.00	22.87 0.25 0.00	22.46 0.17 0.00	23.39 0.12 0.00	27.65 0.12 0.00	25.27 0.10 0.00	26.05 0.03 0.00	25.00 0.04 0.00	28.58 0.12 -0.04	29.26 0.12 0.00	34.03 0.25 0.00	36.10 0.20 0.00	29.52 0.25 0.00	27.04 0.20 0.00	24.16 0.21 0.00	24.62 0.30 0.00	24.15 0.22 0.00
PYRITES___HYD 24023	20.32 0.75 0.00	20.14 0.75 0.00	21.36 0.83 0.00	20.87 0.82 0.00	20.33 0.75 0.00	20.86 0.60 0.00	24.66 0.81 0.00	25.29 0.76 0.00	23.34 0.71 0.00	23.04 0.75 0.00	24.04 0.77 0.00	28.39 0.86 0.00	25.88 0.71 0.00	26.80 0.79 0.00	25.68 0.72 0.00	29.29 0.87 0.00	29.90 0.76 0.00	34.49 0.71 0.00	37.01 1.11 0.00	30.19 0.93 0.00	27.68 0.83 0.00	24.70 0.74 0.00	24.96 0.63 0.00	24.47 0.54 0.00
QUAKERRD_115KV_BK1 80622	18.50 -1.08 0.00	18.35 -1.03 0.00	19.50 -1.03 0.00	19.06 -0.98 0.00	18.72 -0.87 0.00	19.31 -0.95 0.00	22.71 -1.14 0.00	23.28 -1.25 0.00	21.37 -1.25 0.00	21.09 -1.20 0.00	22.00 -1.27 0.00	25.96 -1.57 0.00	23.73 -1.44 0.00	24.59 -1.42 0.00	23.60 -1.37 0.00	26.92 -1.51 0.00	27.47 -1.68 0.00	31.76 -2.02 0.00	33.67 -2.23 0.00	27.48 -1.79 0.00	25.24 -1.61 0.00	22.59 -1.37 0.00	23.27 -1.06 0.00	23.00 -0.94 0.00
QUENSBRY_115KV_TB8 356137	20.41 0.84 0.00	20.17 0.79 0.00	21.35 0.82 0.00	20.85 0.80 0.00	20.37 0.78 0.00	21.21 0.95 0.00	25.12 1.27 0.00	25.99 1.46 0.00	24.08 1.45 0.00	23.72 1.43 0.00	24.78 1.52 0.00	29.29 1.77 0.00	26.79 1.63 0.00	27.66 1.65 0.00	26.47 1.51 0.00	30.17 1.75 0.00	31.18 2.04 0.00	36.20 2.43 0.00	38.25 2.35 0.00	30.90 1.64 0.00	28.28 1.43 0.00	25.17 1.21 0.00	25.38 1.05 0.00	24.90 0.97 0.00
RAMAPO___LBMP 323565	19.99 0.41 0.00	19.78 0.40 0.00	20.91 0.37 0.00	20.45 0.40 0.00	19.97 0.39 0.00	20.75 0.49 0.00	24.53 0.68 0.00	25.40 0.87 0.00	23.43 0.80 0.00	23.02 0.73 0.00	24.11 0.84 0.00	28.55 1.02 0.00	26.13 0.96 0.00	26.97 0.95 0.00	25.91 0.94 0.00	29.50 1.08 0.00	30.39 1.25 0.00	35.23 1.45 0.00	37.37 1.47 0.00	30.49 1.23 0.00	27.87 1.02 0.00	24.78 0.82 0.00	25.01 0.68 0.00	24.54 0.61 0.00
RANKINE____ 23646	18.68 -0.90 0.00	18.57 -0.81 0.00	19.78 -0.75 0.00	19.36 -0.69 0.00	19.10 -0.48 0.00	19.65 -0.60 0.00	23.05 -0.80 0.00	23.58 -0.95 0.00	21.48 -1.15 0.00	21.21 -1.08 0.00	22.13 -1.14 0.00	26.08 -1.45 0.00	23.85 -1.31 0.00	24.74 -1.27 0.00	23.72 -1.25 0.00	27.11 -1.32 0.00	27.47 -1.68 0.00	31.75 -2.03 0.00	33.65 -2.24 0.00	27.54 -1.72 0.00	25.33 -1.52 0.00	22.81 -1.15 0.00	23.79 -0.54 0.00	23.62 -0.31 0.00
RAVENSWOOD_GT2_1 24244	20.16 0.59 0.00	19.94 0.56 0.00	21.06 0.53 0.00	20.62 0.57 0.00	20.12 0.54 0.00	20.91 0.65 0.00	24.73 0.88 0.00	25.64 1.12 0.00	23.67 1.04 0.00	23.29 0.99 0.00	24.38 1.11 0.00	28.88 1.35 0.00	26.44 1.27 0.00	27.30 1.28 0.00	26.22 1.26 0.00	29.86 1.43 0.00	30.75 1.60 0.00	35.62 1.84 0.00	37.79 1.90 0.00	30.84 1.58 0.00	28.17 1.32 0.00	25.03 1.08 0.00	25.21 0.88 0.00	24.71 0.78 0.00
RAVENSWOOD_GT2_2 24245	20.16 0.59 0.00	19.94 0.56 0.00	21.06 0.53 0.00	20.62 0.57 0.00	20.12 0.54 0.00	20.91 0.65 0.00	24.73 0.88 0.00	25.64 1.12 0.00	23.67 1.04 0.00	23.29 0.99 0.00	24.38 1.11 0.00	28.88 1.35 0.00	26.44 1.27 0.00	27.30 1.28 0.00	26.22 1.26 0.00	29.86 1.43 0.00	30.75 1.60 0.00	35.62 1.84 0.00	37.79 1.90 0.00	30.84 1.58 0.00	28.17 1.32 0.00	25.03 1.08 0.00	25.21 0.88 0.00	24.71 0.78 0.00
RAVENSWOOD_GT2_3 24246	20.17 0.60 0.00	19.96 0.57 0.00	21.07 0.54 0.00	20.63 0.58 0.00	20.13 0.54 0.00	20.92 0.66 0.00	24.75 0.90 0.00	25.66 1.13 0.00	23.68 1.06 0.00	23.29 1.00 0.00	24.39 1.12 0.00	28.88 1.36 0.00	26.45 1.28 0.00	27.32 1.30 0.00	26.23 1.27 0.00	29.87 1.44 0.00	30.76 1.62 0.00	35.63 1.86 0.00	37.81 1.91 0.00	30.86 1.59 0.00	28.18 1.33 0.00	25.04 1.09 0.00	25.22 0.89 0.00	24.72 0.79 0.00
RAVENSWOOD_GT2_4 24247	20.17 0.60 0.00	19.96 0.57 0.00	21.07 0.54 0.00	20.63 0.58 0.00	20.13 0.54 0.00	20.92 0.66 0.00	24.75 0.90 0.00	25.66 1.13 0.00	23.68 1.06 0.00	23.29 1.00 0.00	24.39 1.12 0.00	28.88 1.36 0.00	26.45 1.28 0.00	27.32 1.30 0.00	26.23 1.27 0.00	29.87 1.44 0.00	30.76 1.62 0.00	35.63 1.86 0.00	37.81 1.91 0.00	30.86 1.59 0.00	28.18 1.33 0.00	25.04 1.09 0.00	25.22 0.89 0.00	24.72 0.79 0.00
RAVENSWOOD_GT3_1 24248	20.16 0.59 0.00	19.94 0.56 0.00	21.06 0.53 0.00	20.62 0.57 0.00	20.12 0.54 0.00	20.91 0.65 0.00	24.73 0.88 0.00	25.64 1.12 0.00	23.67 1.04 0.00	23.29 0.99 0.00	24.38 1.11 0.00	28.88 1.35 0.00	26.44 1.27 0.00	27.30 1.28 0.00	26.22 1.26 0.00	29.86 1.43 0.00	30.75 1.60 0.00	35.62 1.84 0.00	37.79 1.90 0.00	30.84 1.58 0.00	28.17 1.32 0.00	25.04 1.08 0.00	25.21 0.88 0.00	24.71 0.78 0.00



RAVENSWOOD_GT3_2 24249	20.16 0.59 0.00	19.94 0.56 0.00	21.06 0.53 0.00	20.62 0.57 0.00	20.12 0.54 0.00	20.91 0.65 0.00	24.73 0.88 0.00	25.64 1.12 0.00	23.67 1.04 0.00	23.29 0.99 0.00	24.38 1.11 0.00	28.88 1.35 0.00	26.44 1.27 0.00	27.30 1.28 0.00	26.22 1.26 0.00	29.86 1.43 0.00	30.75 1.60 0.00	35.62 1.84 0.00	37.79 1.90 0.00	30.84 1.58 0.00	28.17 1.32 0.00	25.04 1.08 0.00	25.21 0.88 0.00	24.71 0.78 0.00
RAVENSWOOD_GT3_3 24250	20.19 0.62 0.00	19.97 0.59 0.00	21.09 0.56 0.00	20.64 0.60 0.00	20.15 0.56 0.00	20.94 0.68 0.00	24.77 0.92 0.00	25.68 1.15 0.00	23.70 1.08 0.00	23.32 1.03 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.34 1.33 0.00	26.26 1.30 0.00	29.90 1.47 0.00	30.80 1.66 0.00	35.67 1.90 0.00	37.86 1.96 0.00	30.88 1.62 0.00	28.21 1.37 0.00	25.07 1.11 0.00	25.24 0.91 0.00	24.74 0.81 0.00
RAVENSWOOD_GT3_4 24251	20.19 0.62 0.00	19.97 0.59 0.00	21.09 0.56 0.00	20.64 0.60 0.00	20.15 0.56 0.00	20.94 0.68 0.00	24.77 0.92 0.00	25.68 1.15 0.00	23.70 1.08 0.00	23.32 1.03 0.00	24.41 1.14 0.00	28.92 1.39 0.00	26.48 1.32 0.00	27.34 1.33 0.00	26.26 1.30 0.00	29.90 1.47 0.00	30.80 1.66 0.00	35.67 1.90 0.00	37.86 1.96 0.00	30.88 1.62 0.00	28.21 1.37 0.00	25.07 1.11 0.00	25.24 0.91 0.00	24.74 0.81 0.00
RAVENSWOOD_GT_1 23729	20.23 0.65 0.00	20.01 0.63 0.00	21.12 0.59 0.00	20.68 0.63 0.00	20.18 0.59 0.00	20.97 0.72 0.00	24.82 0.97 0.00	25.74 1.21 0.00	23.76 1.13 0.00	23.37 1.08 0.00	24.46 1.19 0.00	28.97 1.44 0.00	26.53 1.37 0.00	33.35 1.36 -5.97	31.91 1.33 -5.62	54.64 1.53 -24.69	90.15 1.70 -59.31	41.13 1.95 -5.40	50.70 2.01 -12.79	59.40 1.68 -28.45	34.94 1.39 -6.70	36.21 1.14 -11.11	25.27 0.94 0.00	24.77 0.84 0.00
RAVENSWOOD_GT_10 24258	20.16 0.59 0.00	19.94 0.56 0.00	21.06 0.53 0.00	20.62 0.57 0.00	20.12 0.53 0.00	20.91 0.65 0.00	24.73 0.88 0.00	25.64 1.11 0.00	23.67 1.04 0.00	23.28 0.99 0.00	24.38 1.11 0.00	28.87 1.34 0.00	26.44 1.27 0.00	27.99 1.28 -0.69	26.86 1.25 -0.65	32.70 1.42 -2.85	37.59 1.60 -6.84	36.24 1.84 -0.62	39.27 1.90 -1.48	34.12 1.58 -3.28	28.94 1.32 -0.77	26.32 1.08 -1.28	25.21 0.88 0.00	24.71 0.78 0.00
RAVENSWOOD_GT_11 24259	20.16 0.59 0.00	19.94 0.56 0.00	21.06 0.53 0.00	20.62 0.57 0.00	20.12 0.53 0.00	20.91 0.65 0.00	24.73 0.88 0.00	25.64 1.11 0.00	23.67 1.04 0.00	23.28 0.99 0.00	24.38 1.11 0.00	28.87 1.34 0.00	26.44 1.27 0.00	27.99 1.28 -0.69	26.86 1.25 -0.65	32.70 1.42 -2.85	37.59 1.60 -6.84	36.24 1.84 -0.62	39.27 1.90 -1.48	34.12 1.58 -3.28	28.94 1.32 -0.77	26.32 1.08 -1.28	25.21 0.88 0.00	24.71 0.78 0.00
RAVENSWOOD_GT_4 24252	20.16 0.59 0.00	19.94 0.56 0.00	21.06 0.53 0.00	20.61 0.57 0.00	20.12 0.53 0.00	20.90 0.64 0.00	24.73 0.88 0.00	25.64 1.11 0.00	23.66 1.04 0.00	23.28 0.99 0.00	24.36 1.10 0.00	28.86 1.33 0.00	26.43 1.27 0.00	31.84 1.27 -4.55	30.49 1.25 -4.28	48.65 1.42 -18.80	75.91 1.60 -45.16	39.73 1.84 -4.12	47.53 1.89 -9.74	52.49 1.56 -21.67	33.27 1.32 -5.10	33.49 1.07 -8.46	25.20 0.87 0.00	24.71 0.78 0.00
RAVENSWOOD_GT_5 24254	20.16 0.59 0.00	19.94 0.56 0.00	21.06 0.53 0.00	20.61 0.57 0.00	20.12 0.53 0.00	20.90 0.64 0.00	24.73 0.88 0.00	25.64 1.11 0.00	23.66 1.04 0.00	23.28 0.99 0.00	24.36 1.10 0.00	28.86 1.33 0.00	26.43 1.27 0.00	31.84 1.27 -4.55	30.49 1.25 -4.28	48.65 1.42 -18.80	75.91 1.60 -45.16	39.73 1.84 -4.12	47.53 1.89 -9.74	52.49 1.56 -21.67	33.27 1.32 -5.10	33.49 1.07 -8.46	25.20 0.87 0.00	24.71 0.78 0.00
RAVENSWOOD_GT_6 24253	20.16 0.59 0.00	19.94 0.56 0.00	21.06 0.53 0.00	20.61 0.57 0.00	20.12 0.53 0.00	20.90 0.64 0.00	24.73 0.88 0.00	25.64 1.11 0.00	23.66 1.04 0.00	23.28 0.99 0.00	24.36 1.10 0.00	28.86 1.33 0.00	26.43 1.27 0.00	31.84 1.27 -4.55	30.49 1.25 -4.28	48.65 1.42 -18.80	75.91 1.60 -45.16	39.73 1.84 -4.12	47.53 1.89 -9.74	52.49 1.56 -21.67	33.27 1.32 -5.10	33.49 1.07 -8.46	25.20 0.87 0.00	24.71 0.78 0.00
RAVENSWOOD_GT_7 24255	20.16 0.59 0.00	19.94 0.56 0.00	21.06 0.53 0.00	20.61 0.57 0.00	20.12 0.53 0.00	20.90 0.64 0.00	24.73 0.88 0.00	25.64 1.11 0.00	23.66 1.04 0.00	23.28 0.99 0.00	24.36 1.10 0.00	28.86 1.33 0.00	26.43 1.27 0.00	31.84 1.27 -4.55	30.49 1.25 -4.28	48.65 1.42 -18.80	75.91 1.60 -45.16	39.73 1.84 -4.12	47.53 1.89 -9.74	52.49 1.56 -21.67	33.27 1.32 -5.10	33.49 1.07 -8.46	25.20 0.87 0.00	24.71 0.78 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.16 0.59 0.00	19.94 0.56 0.00	21.06 0.53 0.00	20.62 0.57 0.00	20.12 0.53 0.00	20.91 0.65 0.00	24.73 0.88 0.00	25.64 1.11 0.00	23.67 1.04 0.00	23.28 0.99 0.00	24.38 1.11 0.00	28.87 1.34 0.00	26.44 1.27 0.00	27.99 1.28 -0.69	26.86 1.25 -0.65	32.70 1.42 -2.85	37.59 1.60 -6.84	36.24 1.84 -0.62	39.27 1.90 -1.48	34.12 1.58 -3.28	28.94 1.32 -0.77	26.32 1.08 -1.28	25.21 0.88 0.00	24.71 0.78 0.00
RAVENSWOOD_GT_9 24257	20.16 0.59 0.00	19.94 0.56 0.00	21.06 0.53 0.00	20.62 0.57 0.00	20.12 0.53 0.00	20.91 0.65 0.00	24.73 0.88 0.00	25.64 1.11 0.00	23.67 1.04 0.00	23.28 0.99 0.00	24.38 1.11 0.00	28.87 1.34 0.00	26.44 1.27 0.00	27.99 1.28 -0.69	26.86 1.25 -0.65	32.70 1.42 -2.85	37.59 1.60 -6.84	36.24 1.84 -0.62	39.27 1.90 -1.48	34.12 1.58 -3.28	28.94 1.32 -0.77	26.32 1.08 -1.28	25.21 0.88 0.00	24.71 0.78 0.00
RAVENSWOOD___1 23533	20.19 0.62 0.00	19.98 0.60 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.14 0.56 0.00	20.94 0.68 0.00	24.78 0.93 0.00	25.70 1.18 0.00	23.72 1.09 0.00	23.33 1.04 0.00	24.42 1.15 0.00	28.93 1.40 0.00	26.48 1.32 0.00	21.46 1.32 5.88	20.73 1.30 5.53	5.60 1.49 24.32	-27.60 1.66 58.41	30.37 1.91 5.32	25.25 1.94 12.60	2.89 1.65 28.02	21.60 1.35 6.60	14.13 1.11 10.94	25.23 0.90 0.00	24.73 0.80 0.00
RAVENSWOOD___2 23534	20.19 0.62 0.00	19.98 0.60 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.14 0.56 0.00	20.94 0.68 0.00	24.78 0.93 0.00	25.70 1.18 0.00	23.72 1.09 0.00	23.33 1.04 0.00	24.42 1.15 0.00	28.93 1.40 0.00	26.48 1.32 0.00	21.46 1.32 5.88	20.73 1.30 5.53	5.60 1.49 24.32	-27.60 1.66 58.41	30.37 1.91 5.32	25.25 1.94 12.60	2.89 1.65 28.02	21.60 1.35 6.60	14.13 1.11 10.94	25.23 0.90 0.00	24.73 0.80 0.00
RAVENSWOOD___3 23535	20.16 0.59 0.00	19.95 0.56 0.00	21.06 0.53 0.00	20.62 0.57 0.00	20.12 0.54 0.00	20.91 0.65 0.00	24.73 0.89 0.00	25.64 1.11 0.00	23.67 1.04 0.00	23.29 0.99 0.00	24.37 1.10 0.00	28.88 1.35 0.00	26.43 1.27 0.00	27.30 1.28 0.00	26.22 1.26 0.00	29.86 1.44 0.00	30.75 1.61 0.00	35.62 1.84 0.00	37.80 1.90 0.00	30.84 1.58 0.00	28.17 1.32 0.00	25.04 1.08 0.00	25.21 0.88 0.00	24.71 0.78 0.00

RAVENSWOOD___4 23820	20.19 0.62 0.00	19.98 0.60 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.14 0.56 0.00	20.94 0.68 0.00	24.78 0.93 0.00	25.70 1.18 0.00	23.72 1.09 0.00	23.33 1.04 0.00	24.42 1.15 0.00	28.93 1.40 0.00	26.48 1.32 0.00	21.46 1.32 5.88	20.73 1.30 5.53	5.60 1.49 24.32	-27.60 1.66 58.41	30.37 1.91 5.32	25.25 1.94 12.60	2.89 1.65 28.02	21.60 1.35 6.60	14.13 1.11 10.94	25.23 0.90 0.00	24.73 0.80 0.00
RCPI_TRUST___DRP 24196	20.15 0.58 0.00	19.93 0.55 0.00	21.05 0.52 0.00	20.60 0.55 0.00	20.11 0.52 0.00	20.90 0.64 0.00	24.73 0.88 0.00	25.64 1.12 0.00	23.67 1.05 0.00	23.30 1.01 0.00	24.39 1.12 0.00	28.89 1.36 0.00	26.46 1.29 0.00	27.33 1.31 0.00	26.25 1.28 0.00	29.90 1.47 0.00	30.78 1.64 0.00	35.66 1.89 0.00	37.82 1.92 0.00	30.87 1.60 0.00	28.19 1.34 0.00	25.04 1.09 0.00	25.22 0.89 0.00	24.72 0.78 0.00
RED___ROCHESTER 323720	18.90 -0.67 0.00	18.76 -0.62 0.00	19.93 -0.60 0.00	19.50 -0.55 0.00	19.14 -0.42 0.02	19.77 -0.49 0.00	23.25 -0.60 0.00	23.83 -0.70 0.00	21.85 -0.78 0.00	21.57 -0.71 0.00	22.52 -0.75 0.00	26.56 -0.97 0.00	24.27 -0.90 0.00	25.17 -0.84 0.00	24.15 -0.82 0.00	27.48 -0.87 0.07	28.09 -1.06 0.00	32.48 -1.29 0.00	34.42 -1.48 0.00	28.10 -1.17 0.00	25.81 -1.03 0.00	23.12 -0.84 0.00	23.88 -0.45 0.00	23.62 -0.31 0.00
REGAN___SOLAR 323812	21.31 1.74 0.00	21.07 1.69 0.00	22.30 1.77 0.00	21.82 1.77 0.00	21.36 1.77 0.00	22.21 1.95 0.00	26.29 2.44 0.00	27.11 2.58 0.00	25.06 2.43 0.00	24.64 2.35 0.00	25.65 2.38 0.00	30.18 2.65 0.00	27.70 2.53 0.00	28.59 2.58 0.00	27.53 2.56 0.00	31.42 2.99 0.00	32.32 3.17 0.00	37.50 3.73 0.00	39.85 3.95 0.00	32.46 3.20 0.00	29.63 2.78 0.00	26.34 2.38 0.00	26.60 2.27 0.00	26.08 2.14 0.00
RENSSELAER___COGEN 23796	19.60 0.03 0.00	19.41 0.03 0.00	20.54 0.01 0.00	20.08 0.03 0.00	19.62 0.03 0.00	20.31 0.05 0.00	23.91 0.06 0.00	24.67 0.14 0.00	22.83 0.20 0.00	22.47 0.18 0.00	23.44 0.17 0.00	27.78 0.25 0.00	25.41 0.24 0.00	26.26 0.24 0.00	25.20 0.23 0.00	28.68 0.25 0.00	29.48 0.33 0.00	34.17 0.39 0.00	36.20 0.30 0.00	29.44 0.17 0.00	27.04 0.19 0.00	24.08 0.13 0.00	24.34 0.01 0.00	23.90 -0.02 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.96 1.38 0.00	20.64 1.25 0.00	21.86 1.33 0.00	21.34 1.29 0.00	20.85 1.27 0.00	21.85 1.59 0.00	26.03 2.18 0.00	27.02 2.49 0.00	25.10 2.47 0.00	24.86 2.57 0.00	25.97 2.70 0.00	30.75 3.22 0.00	28.16 3.00 0.00	29.06 3.04 0.00	27.64 2.68 0.00	31.51 3.09 0.00	32.82 3.68 0.00	38.15 4.38 0.00	40.08 4.18 0.00	32.06 2.80 0.00	29.27 2.42 0.00	26.03 2.07 0.00	26.16 1.83 0.00	25.66 1.72 0.00
REVERE_CPFR_DRP 24186	20.01 0.44 0.00	19.82 0.44 0.00	21.01 0.48 0.00	20.53 0.48 0.00	20.08 0.50 0.00	20.85 0.59 0.00	24.61 0.76 0.00	25.39 0.86 0.00	23.47 0.84 0.00	23.11 0.82 0.00	24.09 0.82 0.00	28.53 1.00 0.00	26.10 0.93 0.00	26.89 0.87 0.00	25.84 0.88 0.00	29.42 1.00 0.00	30.21 1.07 0.00	35.00 1.22 0.00	37.12 1.22 0.00	30.25 0.99 0.00	27.71 0.86 0.00	24.65 0.69 0.00	24.92 0.59 0.00	24.47 0.54 0.00
REYNOLDS_115KV_TB3 80639	19.74 0.16 0.00	19.55 0.16 0.00	20.69 0.16 0.00	20.22 0.17 0.00	19.75 0.16 0.00	20.45 0.19 0.00	24.07 0.22 0.00	24.83 0.31 0.00	22.98 0.36 0.00	22.62 0.33 0.00	23.59 0.32 0.00	27.98 0.45 0.00	25.58 0.41 0.00	26.44 0.42 0.00	25.36 0.40 0.00	28.87 0.44 0.00	29.66 0.52 0.00	34.37 0.60 0.00	36.40 0.50 0.00	29.59 0.33 0.00	27.20 0.35 0.00	24.24 0.28 0.00	24.50 0.17 0.00	24.07 0.14 0.00
RIVERBAY____ 323610	20.24 0.67 0.00	20.03 0.64 0.00	21.15 0.62 0.00	20.77 0.72 0.00	20.23 0.65 0.00	21.06 0.80 0.00	24.87 1.02 0.00	25.78 1.26 0.00	23.77 1.14 0.00	23.43 1.15 0.00	24.50 1.23 0.00	29.06 1.53 0.00	26.59 1.42 0.00	27.44 1.42 0.00	26.37 1.40 0.00	30.02 1.59 0.00	30.86 1.72 0.00	35.80 2.02 0.00	37.95 2.06 0.00	31.02 1.75 0.00	28.29 1.44 0.00	25.16 1.20 0.00	25.34 1.01 0.00	24.86 0.93 0.00
RIVERSDE_115KV_TB3 55908	19.68 0.10 0.00	19.49 0.10 0.00	20.62 0.09 0.00	20.15 0.11 0.00	19.69 0.10 0.00	20.39 0.13 0.00	23.99 0.15 0.00	24.77 0.24 0.00	22.92 0.30 0.00	22.56 0.27 0.00	23.54 0.27 0.00	27.91 0.38 0.00	25.51 0.35 0.00	26.37 0.35 0.00	25.30 0.34 0.00	28.79 0.37 0.00	29.60 0.45 0.00	34.30 0.53 0.00	36.33 0.43 0.00	29.54 0.28 0.00	27.14 0.29 0.00	24.17 0.21 0.00	24.44 0.11 0.00	24.00 0.07 0.00
ROARING___BROOK_WT_PWR 323790	19.55 -0.03 0.00	19.35 -0.03 0.00	20.52 -0.01 0.00	20.07 0.02 0.00	19.62 0.03 0.00	20.27 0.01 0.00	23.86 0.01 0.00	24.48 -0.05 0.00	22.58 -0.05 0.00	22.32 0.03 0.00	23.29 0.01 0.00	27.52 -0.01 0.00	25.13 -0.04 0.00	26.01 -0.01 0.00	24.91 -0.05 0.00	28.30 -0.13 0.00	28.99 -0.15 0.00	33.59 -0.19 0.00	35.74 -0.16 0.00	29.14 -0.13 0.00	26.77 -0.08 0.00	23.86 -0.09 0.00	24.20 -0.13 0.00	23.86 -0.07 0.00
ROCHESRG_115KV_T4 355643	18.75 -0.83 0.00	18.61 -0.78 0.00	19.77 -0.76 0.00	19.34 -0.71 0.00	19.01 -0.58 0.00	19.61 -0.65 0.00	23.03 -0.81 0.00	23.59 -0.94 0.00	21.62 -1.01 0.00	21.34 -0.95 0.00	22.26 -1.01 0.00	26.25 -1.28 0.00	24.00 -1.17 0.00	24.89 -1.13 0.00	23.87 -1.09 0.00	27.24 -1.19 0.00	27.75 -1.39 0.00	32.08 -1.70 0.00	34.00 -1.89 0.00	27.75 -1.51 0.00	25.51 -1.33 0.00	22.87 -1.08 0.00	23.64 -0.69 0.00	23.39 -0.54 0.00
ROCHESTER_9_IC 23652	18.83 -0.75 0.00	18.69 -0.69 0.00	19.87 -0.66 0.00	19.43 -0.62 0.00	19.10 -0.49 0.00	19.70 -0.56 0.00	23.16 -0.69 0.00	23.73 -0.80 0.00	21.76 -0.87 0.00	21.47 -0.82 0.00	22.40 -0.87 0.00	26.42 -1.11 0.00	24.15 -1.02 0.00	25.04 -0.97 0.00	24.03 -0.94 0.00	27.42 -1.01 0.00	27.94 -1.21 0.00	32.30 -1.48 0.00	34.23 -1.67 0.00	27.93 -1.33 0.00	25.68 -1.17 0.00	23.01 -0.95 0.00	23.77 -0.56 0.00	23.52 -0.41 0.00
ROCKVIEW_13_KV_LD 356306	20.16 0.59 0.00	19.94 0.56 0.00	21.07 0.54 0.00	20.61 0.56 0.00	20.12 0.53 0.00	20.91 0.65 0.00	24.73 0.88 0.00	25.62 1.09 0.00	23.66 1.03 0.00	23.28 0.99 0.00	24.39 1.12 0.00	28.88 1.36 0.00	26.45 1.28 0.00	27.31 1.29 0.00	26.23 1.27 0.00	29.87 1.45 0.00	30.77 1.63 0.00	35.66 1.88 0.00	37.81 1.91 0.00	30.83 1.57 0.00	28.18 1.33 0.00	25.05 1.09 0.00	25.24 0.92 0.00	24.76 0.83 0.00
ROME____115KV_TB2 80656	20.01 0.44 0.00	19.82 0.44 0.00	21.01 0.48 0.00	20.53 0.48 0.00	20.08 0.50 0.00	20.85 0.59 0.00	24.61 0.76 0.00	25.39 0.86 0.00	23.47 0.84 0.00	23.11 0.82 0.00	24.09 0.82 0.00	28.53 1.00 0.00	26.10 0.93 0.00	26.89 0.87 0.00	25.84 0.88 0.00	29.42 1.00 0.00	30.21 1.07 0.00	35.00 1.22 0.00	37.12 1.22 0.00	30.25 0.99 0.00	27.71 0.86 0.00	24.65 0.69 0.00	24.92 0.59 0.00	24.47 0.54 0.00

ROSETON___1 23587	19.97 0.40 0.00	19.76 0.37 0.00	20.89 0.36 0.00	20.44 0.39 0.00	19.95 0.37 0.00	20.72 0.46 0.00	24.48 0.63 0.00	25.32 0.79 0.00	23.38 0.75 0.00	23.00 0.70 0.00	24.07 0.80 0.00	28.51 0.98 0.00	26.11 0.94 0.00	26.95 0.93 0.00	25.89 0.93 0.00	29.47 1.04 0.00	30.34 1.20 0.00	35.17 1.40 0.00	37.30 1.40 0.00	30.40 1.14 0.00	27.82 0.97 0.00	24.74 0.78 0.00	24.97 0.64 0.00	24.51 0.58 0.00
ROSETON___2 23588	19.97 0.40 0.00	19.76 0.37 0.00	20.89 0.36 0.00	20.44 0.39 0.00	19.95 0.37 0.00	20.72 0.46 0.00	24.48 0.63 0.00	25.32 0.79 0.00	23.38 0.75 0.00	23.00 0.70 0.00	24.07 0.80 0.00	28.51 0.98 0.00	26.11 0.94 0.00	26.95 0.93 0.00	25.89 0.93 0.00	29.47 1.04 0.00	30.34 1.20 0.00	35.17 1.40 0.00	37.30 1.40 0.00	30.40 1.14 0.00	27.82 0.97 0.00	24.74 0.78 0.00	24.97 0.64 0.00	24.51 0.58 0.00
ROTTTRDAM_115KV_TB3 80664	19.95 0.37 0.00	19.74 0.36 0.00	20.90 0.37 0.00	20.43 0.38 0.00	19.95 0.37 0.00	20.68 0.42 0.00	24.39 0.54 0.00	25.16 0.63 0.00	23.24 0.61 0.00	22.88 0.58 0.00	23.89 0.62 0.00	28.29 0.76 0.00	25.87 0.70 0.00	26.73 0.71 0.00	25.65 0.68 0.00	29.20 0.77 0.00	30.01 0.87 0.00	34.79 1.02 0.00	36.90 1.00 0.00	30.03 0.76 0.00	27.52 0.67 0.00	24.53 0.57 0.00	24.83 0.50 0.00	24.39 0.46 0.00
RUSSELL___1 23602	18.90 -0.67 0.00	18.76 -0.62 0.00	19.93 -0.60 0.00	19.50 -0.55 0.00	19.16 -0.42 0.00	19.77 -0.49 0.00	23.25 -0.60 0.00	23.83 -0.70 0.00	21.85 -0.78 0.00	21.57 -0.71 0.00	22.51 -0.76 0.00	26.56 -0.97 0.00	24.27 -0.90 0.00	25.17 -0.84 0.00	24.16 -0.81 0.00	27.56 -0.86 0.00	28.09 -1.06 0.00	32.48 -1.29 0.00	34.44 -1.46 0.00	28.10 -1.17 0.00	25.82 -1.03 0.00	23.12 -0.83 0.00	23.88 -0.45 0.00	23.62 -0.31 0.00
RUSSELL___2 23532	18.90 -0.67 0.00	18.76 -0.62 0.00	19.93 -0.60 0.00	19.50 -0.55 0.00	19.16 -0.42 0.00	19.77 -0.49 0.00	23.25 -0.60 0.00	23.83 -0.70 0.00	21.85 -0.78 0.00	21.57 -0.71 0.00	22.51 -0.76 0.00	26.56 -0.97 0.00	24.27 -0.90 0.00	25.17 -0.84 0.00	24.16 -0.81 0.00	27.56 -0.86 0.00	28.09 -1.06 0.00	32.48 -1.29 0.00	34.44 -1.46 0.00	28.10 -1.17 0.00	25.82 -1.03 0.00	23.12 -0.83 0.00	23.88 -0.45 0.00	23.62 -0.31 0.00
RUSSELL___3 23549	18.90 -0.67 0.00	18.76 -0.62 0.00	19.93 -0.60 0.00	19.50 -0.55 0.00	19.16 -0.42 0.00	19.77 -0.49 0.00	23.25 -0.60 0.00	23.83 -0.70 0.00	21.85 -0.78 0.00	21.57 -0.71 0.00	22.51 -0.76 0.00	26.56 -0.97 0.00	24.27 -0.90 0.00	25.17 -0.84 0.00	24.16 -0.81 0.00	27.56 -0.86 0.00	28.09 -1.06 0.00	32.48 -1.29 0.00	34.44 -1.46 0.00	28.10 -1.17 0.00	25.82 -1.03 0.00	23.12 -0.83 0.00	23.88 -0.45 0.00	23.62 -0.31 0.00
RUSSELL___4 23556	18.90 -0.67 0.00	18.76 -0.62 0.00	19.93 -0.60 0.00	19.50 -0.55 0.00	19.16 -0.42 0.00	19.77 -0.49 0.00	23.25 -0.60 0.00	23.83 -0.70 0.00	21.85 -0.78 0.00	21.57 -0.71 0.00	22.51 -0.76 0.00	26.56 -0.97 0.00	24.27 -0.90 0.00	25.17 -0.84 0.00	24.16 -0.81 0.00	27.56 -0.86 0.00	28.09 -1.06 0.00	32.48 -1.29 0.00	34.44 -1.46 0.00	28.10 -1.17 0.00	25.82 -1.03 0.00	23.12 -0.83 0.00	23.88 -0.45 0.00	23.62 -0.31 0.00
RUSSELL___STATION 23914	18.90 -0.67 0.00	18.76 -0.62 0.00	19.93 -0.60 0.00	19.50 -0.55 0.00	19.16 -0.42 0.00	19.77 -0.49 0.00	23.25 -0.60 0.00	23.83 -0.70 0.00	21.85 -0.78 0.00	21.57 -0.71 0.00	22.51 -0.76 0.00	26.56 -0.97 0.00	24.27 -0.90 0.00	25.17 -0.84 0.00	24.16 -0.81 0.00	27.56 -0.86 0.00	28.09 -1.06 0.00	32.48 -1.29 0.00	34.44 -1.46 0.00	28.10 -1.17 0.00	25.82 -1.03 0.00	23.12 -0.83 0.00	23.88 -0.45 0.00	23.62 -0.31 0.00
S SALMON___HYD 24043	19.06 -0.52 0.00	18.86 -0.52 0.00	20.02 -0.51 0.00	19.57 -0.48 0.00	19.14 -0.45 0.00	19.81 -0.45 0.00	23.30 -0.55 0.00	23.93 -0.59 0.00	22.12 -0.51 0.00	21.76 -0.52 0.00	22.69 -0.58 0.00	26.85 -0.68 0.00	24.54 -0.63 0.00	25.36 -0.66 0.00	24.31 -0.65 0.00	27.70 -0.73 0.00	28.41 -0.73 0.00	32.92 -0.85 0.00	34.91 -0.99 0.00	28.45 -0.82 0.00	26.04 -0.81 0.00	23.23 -0.73 0.00	23.62 -0.71 0.00	23.24 -0.69 0.00
S.PERRY__115KV_TB1 80734	19.22 -0.35 0.00	19.11 -0.28 0.00	20.28 -0.25 0.00	19.84 -0.20 0.00	19.55 -0.03 0.00	20.22 -0.04 0.00	23.82 -0.02 0.00	24.48 -0.05 0.00	22.41 -0.22 0.00	22.07 -0.21 0.00	23.00 -0.26 0.00	27.12 -0.41 0.00	24.78 -0.39 0.00	25.63 -0.39 0.00	24.68 -0.28 0.00	28.33 -0.09 0.00	28.80 -0.34 0.00	33.39 -0.38 0.00	35.58 -0.32 0.00	29.08 -0.18 0.00	26.63 -0.22 0.00	23.84 -0.12 0.00	24.59 0.26 0.00	24.32 0.38 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.44 -1.13 0.00	18.34 -1.04 0.00	19.55 -0.98 0.00	19.13 -0.91 0.00	18.87 -0.71 0.00	19.41 -0.85 0.00	22.75 -1.10 0.00	23.22 -1.31 0.00	21.14 -1.49 0.00	20.88 -1.41 0.00	21.78 -1.48 0.00	25.67 -1.86 0.00	23.47 -1.69 0.00	24.37 -1.64 0.00	23.36 -1.61 0.00	26.68 -1.74 0.00	27.03 -2.12 0.00	31.21 -2.57 0.00	33.06 -2.84 0.00	27.04 -2.22 0.00	24.91 -1.94 0.00	22.43 -1.53 0.00	23.45 -0.88 0.00	23.31 -0.62 0.00
SAWYER___23_KV_LOAD 55526	18.44 -1.13 0.00	18.34 -1.04 0.00	19.55 -0.98 0.00	19.13 -0.91 0.00	18.87 -0.71 0.00	19.41 -0.85 0.00	22.75 -1.10 0.00	23.22 -1.31 0.00	21.14 -1.49 0.00	20.88 -1.41 0.00	21.78 -1.48 0.00	25.67 -1.86 0.00	23.47 -1.69 0.00	24.37 -1.64 0.00	23.36 -1.61 0.00	26.68 -1.74 0.00	27.03 -2.12 0.00	31.21 -2.57 0.00	33.06 -2.84 0.00	27.04 -2.22 0.00	24.91 -1.94 0.00	22.43 -1.53 0.00	23.45 -0.88 0.00	23.31 -0.62 0.00
SELKIRK___I 23801	19.84 0.26 0.00	19.63 0.25 0.00	20.79 0.25 0.00	20.32 0.27 0.00	19.85 0.26 0.00	20.54 0.28 0.00	24.19 0.34 0.00	24.94 0.41 0.00	23.05 0.42 0.00	22.68 0.39 0.00	23.66 0.39 0.00	28.03 0.50 0.00	25.62 0.46 0.00	26.47 0.46 0.00	25.41 0.45 0.00	28.93 0.50 0.00	29.72 0.58 0.00	34.45 0.68 0.00	36.53 0.63 0.00	29.72 0.46 0.00	27.28 0.43 0.00	24.31 0.35 0.00	24.61 0.28 0.00	24.17 0.24 0.00
SELKIRK___II 23799	19.70 0.12 0.00	19.51 0.12 0.00	20.64 0.11 0.00	20.18 0.13 0.00	19.71 0.13 0.00	20.41 0.15 0.00	24.04 0.19 0.00	24.80 0.27 0.00	22.93 0.31 0.00	22.57 0.28 0.00	23.56 0.29 0.00	27.91 0.38 0.00	25.52 0.36 0.00	26.38 0.36 0.00	25.32 0.36 0.00	28.81 0.39 0.00	29.61 0.46 0.00	34.32 0.54 0.00	36.38 0.48 0.00	29.61 0.34 0.00	27.18 0.33 0.00	24.21 0.25 0.00	24.49 0.16 0.00	24.05 0.12 0.00
SENECA OSWGO___HYD 24041	19.06 -0.52 0.00	18.88 -0.50 0.00	20.00 -0.53 0.00	19.54 -0.51 0.00	19.11 -0.47 0.00	19.75 -0.50 0.00	23.18 -0.66 0.00	23.80 -0.73 0.00	21.97 -0.66 0.00	21.64 -0.65 0.00	22.56 -0.70 0.00	26.65 -0.88 0.00	24.38 -0.79 0.00	25.20 -0.81 0.00	24.18 -0.78 0.00	27.56 -0.87 0.00	28.27 -0.87 0.00	32.78 -1.00 0.00	34.76 -1.13 0.00	28.34 -0.92 0.00	26.01 -0.84 0.00	23.23 -0.73 0.00	23.71 -0.62 0.00	23.36 -0.58 0.00

SENECA___115KV_TB3 355854	18.70 -0.87 0.00	18.61 -0.78 0.00	19.82 -0.72 0.00	19.39 -0.66 0.00	19.13 -0.46 0.00	19.69 -0.57 0.00	23.08 -0.77 0.00	23.62 -0.91 0.00	21.51 -1.12 0.00	21.24 -1.05 0.00	22.17 -1.10 0.00	26.13 -1.40 0.00	23.89 -1.27 0.00	24.79 -1.23 0.00	23.76 -1.21 0.00	27.16 -1.27 0.00	27.52 -1.62 0.00	31.80 -1.97 0.00	33.72 -2.18 0.00	27.59 -1.68 0.00	25.37 -1.47 0.00	22.85 -1.11 0.00	23.83 -0.50 0.00	23.66 -0.27 0.00
SENECA___ENERGY 23797	19.06 -0.51 0.00	18.89 -0.49 0.00	20.03 -0.50 0.00	19.58 -0.47 0.00	19.19 -0.40 0.00	19.88 -0.38 0.00	23.39 -0.46 0.00	24.08 -0.45 0.00	22.17 -0.46 0.00	21.80 -0.49 0.00	22.75 -0.52 0.00	26.85 -0.68 0.00	24.53 -0.64 0.00	25.33 -0.69 0.00	24.31 -0.65 0.00	27.81 -0.62 0.00	28.46 -0.68 0.00	32.95 -0.83 0.00	35.01 -0.89 0.00	28.61 -0.65 0.00	26.22 -0.63 0.00	23.43 -0.52 0.00	23.97 -0.36 0.00	23.62 -0.32 0.00
SHOEMAKER___GT 23640	19.93 0.35 0.00	19.72 0.33 0.00	20.85 0.32 0.00	20.39 0.34 0.00	19.91 0.33 0.00	20.68 0.42 0.00	24.43 0.58 0.00	25.26 0.73 0.00	23.32 0.69 0.00	22.93 0.64 0.00	23.99 0.72 0.00	28.41 0.87 0.00	26.00 0.83 0.00	26.84 0.82 0.00	25.78 0.81 0.00	29.35 0.93 0.00	30.22 1.08 0.00	35.04 1.26 0.00	37.16 1.26 0.00	30.29 1.03 0.00	27.72 0.87 0.00	24.67 0.71 0.00	24.93 0.60 0.00	24.47 0.54 0.00
SHOEMAKR_138KV_BK 111 55601	19.92 0.35 0.00	19.72 0.33 0.00	20.84 0.31 0.00	20.38 0.33 0.00	19.91 0.32 0.00	20.67 0.41 0.00	24.42 0.57 0.00	25.26 0.73 0.00	23.31 0.69 0.00	22.92 0.63 0.00	23.98 0.71 0.00	28.40 0.86 0.00	25.99 0.82 0.00	26.83 0.81 0.00	25.77 0.80 0.00	29.34 0.91 0.00	30.21 1.06 0.00	35.02 1.25 0.00	37.15 1.25 0.00	30.29 1.03 0.00	27.71 0.86 0.00	24.66 0.71 0.00	24.92 0.58 0.00	24.46 0.53 0.00
SHOREHAM_IC_1 23715	20.87 1.30 0.00	20.62 1.23 0.00	21.75 1.21 0.00	21.23 1.18 0.00	20.75 1.17 0.00	21.61 1.35 0.00	25.59 1.74 0.00	26.22 1.69 0.00	24.30 1.68 0.00	23.78 1.49 0.00	31.35 1.83 -6.25	31.78 2.20 -2.05	29.41 1.93 -2.31	34.74 1.93 -6.79	27.47 1.70 -0.81	30.47 1.94 -0.10	44.67 2.32 -13.21	52.42 2.92 -15.72	38.74 2.84 0.00	31.30 2.03 0.00	29.27 2.12 -0.30	25.56 1.61 0.00	25.71 1.38 0.00	25.67 1.74 0.00
SHOREHAM_IC_2 23716	20.87 1.30 0.00	20.62 1.23 0.00	21.75 1.21 0.00	21.23 1.18 0.00	20.75 1.17 0.00	21.61 1.35 0.00	25.59 1.74 0.00	26.22 1.69 0.00	24.30 1.68 0.00	23.78 1.49 0.00	31.35 1.83 -6.25	31.78 2.20 -2.05	29.41 1.93 -2.31	34.74 1.93 -6.79	27.47 1.70 -0.81	30.47 1.94 -0.10	44.67 2.32 -13.21	52.42 2.92 -15.72	38.74 2.84 0.00	31.30 2.03 0.00	29.27 2.12 -0.30	25.56 1.61 0.00	25.71 1.38 0.00	25.67 1.74 0.00
SISSONVILLE____ 23735	19.70 0.12 0.00	19.50 0.12 0.00	20.69 0.16 0.00	20.19 0.14 0.00	19.69 0.11 0.00	20.27 0.01 0.00	23.92 0.07 0.00	24.55 0.02 0.00	22.64 0.01 0.00	22.33 0.04 0.00	23.30 0.04 0.00	27.58 0.05 0.00	25.17 0.00 0.00	26.05 0.03 0.00	24.96 0.00 0.00	28.46 0.03 0.00	29.07 -0.07 0.00	33.53 -0.24 0.00	35.99 0.09 0.00	29.36 0.10 0.00	26.94 0.09 0.00	24.02 0.06 0.00	24.28 -0.05 0.00	23.83 -0.10 0.00
SITHE_IND_GS1 24169	18.95 -0.63 0.00	18.77 -0.62 0.00	19.89 -0.64 0.00	19.43 -0.62 0.00	19.00 -0.59 0.00	19.60 -0.66 0.00	22.99 -0.86 0.00	23.56 -0.97 0.00	21.74 -0.89 0.00	21.42 -0.88 0.00	22.33 -0.94 0.00	26.38 -1.16 0.00	24.13 -1.04 0.00	24.93 -1.09 0.00	23.93 -1.03 0.00	27.26 -1.17 0.00	27.94 -1.20 0.00	32.39 -1.39 0.00	34.38 -1.52 0.00	28.04 -1.22 0.00	25.74 -1.11 0.00	23.00 -0.95 0.00	23.52 -0.81 0.00	23.20 -0.73 0.00
SITHE_IND_GS2 24170	18.95 -0.63 0.00	18.77 -0.62 0.00	19.89 -0.64 0.00	19.43 -0.62 0.00	19.00 -0.59 0.00	19.60 -0.66 0.00	22.99 -0.86 0.00	23.56 -0.97 0.00	21.74 -0.89 0.00	21.42 -0.88 0.00	22.33 -0.94 0.00	26.38 -1.16 0.00	24.13 -1.04 0.00	24.93 -1.09 0.00	23.93 -1.03 0.00	27.26 -1.17 0.00	27.94 -1.20 0.00	32.39 -1.39 0.00	34.38 -1.52 0.00	28.04 -1.22 0.00	25.74 -1.11 0.00	23.00 -0.95 0.00	23.52 -0.81 0.00	23.20 -0.73 0.00
SITHE_IND_GS3 24171	18.95 -0.63 0.00	18.77 -0.62 0.00	19.89 -0.64 0.00	19.43 -0.62 0.00	19.00 -0.59 0.00	19.60 -0.66 0.00	22.99 -0.86 0.00	23.56 -0.97 0.00	21.74 -0.89 0.00	21.42 -0.88 0.00	22.33 -0.94 0.00	26.38 -1.16 0.00	24.13 -1.04 0.00	24.93 -1.09 0.00	23.93 -1.03 0.00	27.26 -1.17 0.00	27.94 -1.20 0.00	32.39 -1.39 0.00	34.38 -1.52 0.00	28.04 -1.22 0.00	25.74 -1.11 0.00	23.00 -0.95 0.00	23.52 -0.81 0.00	23.20 -0.73 0.00
SITHE_IND_GS4 24172	18.95 -0.63 0.00	18.77 -0.62 0.00	19.89 -0.64 0.00	19.43 -0.62 0.00	19.00 -0.59 0.00	19.60 -0.66 0.00	22.99 -0.86 0.00	23.56 -0.97 0.00	21.74 -0.89 0.00	21.42 -0.88 0.00	22.33 -0.94 0.00	26.38 -1.16 0.00	24.13 -1.04 0.00	24.93 -1.09 0.00	23.93 -1.03 0.00	27.26 -1.17 0.00	27.94 -1.20 0.00	32.39 -1.39 0.00	34.38 -1.52 0.00	28.04 -1.22 0.00	25.74 -1.11 0.00	23.00 -0.95 0.00	23.52 -0.81 0.00	23.20 -0.73 0.00
SITHE___BATAVIA 24024	18.91 -0.67 0.00	18.79 -0.60 0.00	19.99 -0.54 0.00	19.55 -0.50 0.00	19.25 -0.31 0.03	19.87 -0.39 0.00	23.33 -0.52 0.00	23.83 -0.70 0.00	21.77 -0.86 0.00	21.54 -0.75 0.00	22.49 -0.78 0.00	26.47 -1.06 0.00	24.18 -0.99 0.00	25.10 -0.92 0.00	24.07 -0.90 0.00	27.38 -0.93 0.12	27.93 -1.21 0.00	32.28 -1.49 0.00	34.16 -1.74 0.00	27.91 -1.36 0.00	25.66 -1.19 0.00	23.04 -0.92 0.00	23.99 -0.34 0.00	23.79 -0.14 0.00
SITHE___INDEPEND 23800	18.95 -0.63 0.00	18.77 -0.62 0.00	19.89 -0.64 0.00	19.43 -0.62 0.00	19.00 -0.59 0.00	19.60 -0.66 0.00	22.99 -0.86 0.00	23.56 -0.97 0.00	21.74 -0.89 0.00	21.42 -0.87 0.00	22.33 -0.94 0.00	26.38 -1.16 0.00	24.13 -1.04 0.00	24.93 -1.09 0.00	23.94 -1.03 0.00	27.26 -1.17 0.00	27.94 -1.20 0.00	32.39 -1.39 0.00	34.38 -1.52 0.00	28.04 -1.22 0.00	25.74 -1.11 0.00	23.00 -0.95 0.00	23.52 -0.81 0.00	23.20 -0.73 0.00
SITHE___MASSENA 23902	20.11 0.53 0.00	19.91 0.52 0.00	21.10 0.57 0.00	20.59 0.54 0.00	20.09 0.50 0.00	20.69 0.43 0.00	24.39 0.54 0.00	25.01 0.48 0.00	23.03 0.40 0.00	22.72 0.43 0.00	23.72 0.45 0.00	28.07 0.54 0.00	25.62 0.46 0.00	26.52 0.51 0.00	25.43 0.47 0.00	28.97 0.54 0.00	29.59 0.44 0.00	34.15 0.37 0.00	36.63 0.74 0.00	29.89 0.63 0.00	27.45 0.60 0.00	24.51 0.56 0.00	24.84 0.51 0.00	24.40 0.46 0.00
SITHE___OGDNSBRG 24021	20.37 0.80 0.00	20.18 0.79 0.00	21.40 0.87 0.00	20.89 0.84 0.00	20.37 0.78 0.00	20.93 0.67 0.00	24.72 0.87 0.00	25.36 0.83 0.00	23.37 0.74 0.00	23.08 0.78 0.00	24.08 0.81 0.00	28.45 0.92 0.00	25.95 0.78 0.00	26.87 0.85 0.00	25.76 0.80 0.00	29.37 0.94 0.00	29.99 0.85 0.00	34.60 0.83 0.00	37.13 1.24 0.00	30.29 1.02 0.00	27.79 0.94 0.00	24.80 0.85 0.00	25.08 0.75 0.00	24.60 0.67 0.00

SITHE___STERLING 23777	19.84 0.27 0.00	19.67 0.28 0.00	20.84 0.31 0.00	20.36 0.31 0.00	19.93 0.35 0.00	20.67 0.42 0.00	24.40 0.55 0.00	25.15 0.62 0.00	23.22 0.59 0.00	22.86 0.56 0.00	23.84 0.57 0.00	28.21 0.69 0.00	25.81 0.64 0.00	26.61 0.59 0.00	25.56 0.59 0.00	29.13 0.70 0.00	29.91 0.77 0.00	34.63 0.86 0.00	36.74 0.84 0.00	29.95 0.68 0.00	27.44 0.59 0.00	24.42 0.46 0.00	24.74 0.41 0.00	24.30 0.37 0.00
SLEIGHT__34_KV_TB1 80719	18.90 -0.67 0.00	18.74 -0.64 0.00	19.89 -0.64 0.00	19.44 -0.61 0.00	19.08 -0.50 0.00	19.72 -0.54 0.00	23.21 -0.64 0.00	23.83 -0.70 0.00	21.92 -0.71 0.00	21.62 -0.67 0.00	22.56 -0.71 0.00	26.62 -0.91 0.00	24.34 -0.82 0.00	25.21 -0.81 0.00	24.19 -0.77 0.00	27.59 -0.83 0.00	28.19 -0.95 0.00	32.62 -1.15 0.00	34.60 -1.29 0.00	28.24 -1.03 0.00	25.91 -0.94 0.00	23.15 -0.80 0.00	23.78 -0.55 0.00	23.47 -0.47 0.00
SOUTH CAIRO___GT 23612	20.44 0.86 0.00	20.21 0.83 0.00	21.38 0.85 0.00	20.89 0.84 0.00	20.44 0.85 0.00	21.18 0.92 0.00	24.99 1.14 0.00	25.84 1.31 0.00	23.96 1.34 0.00	23.61 1.32 0.00	24.57 1.31 0.00	29.03 1.50 0.00	26.54 1.38 0.00	27.45 1.44 0.00	26.32 1.35 0.00	29.98 1.56 0.00	30.93 1.78 0.00	35.93 2.15 0.00	38.04 2.14 0.00	30.89 1.63 0.00	28.33 1.48 0.00	25.19 1.23 0.00	25.44 1.11 0.00	24.89 0.96 0.00
SOUTH HAMPTN___IC 23720	21.05 1.47 0.00	20.78 1.40 0.00	21.92 1.39 0.00	21.41 1.36 0.00	20.93 1.34 0.00	21.80 1.54 0.00	25.83 1.98 0.00	26.50 1.97 0.00	24.57 1.94 0.00	24.07 1.77 0.00	31.63 2.11 -6.25	32.11 2.53 -2.05	29.73 2.25 -2.31	35.09 2.28 -6.79	27.83 2.05 -0.81	30.88 2.35 -0.10	45.09 2.74 -13.21	52.88 3.38 -15.72	39.20 3.30 0.00	31.69 2.43 0.00	29.57 2.41 -0.30	25.81 1.85 0.00	25.95 1.62 0.00	25.84 1.91 0.00
SOUTHDOW_115KV_TB1 355954	19.14 -0.43 0.00	19.03 -0.35 0.00	20.30 -0.23 0.00	19.87 -0.18 0.00	19.59 0.00 0.00	20.27 0.01 0.00	23.87 0.02 0.00	24.52 -0.01 0.00	22.34 -0.29 0.00	22.02 -0.27 0.00	23.06 -0.21 0.00	27.28 -0.25 0.00	25.02 -0.15 0.00	25.89 -0.13 0.00	24.80 -0.17 0.00	28.34 -0.09 0.00	28.93 -0.22 0.00	33.51 -0.26 0.00	35.53 -0.37 0.00	29.01 -0.25 0.00	26.62 -0.23 0.00	23.97 0.01 0.00	24.87 0.54 0.00	24.56 0.63 0.00
SOUTHOLD_69_KV_BK 2 55809	21.32 1.74 0.00	21.04 1.66 0.00	22.19 1.66 0.00	21.68 1.63 0.00	21.20 1.62 0.00	22.08 1.82 0.00	26.20 2.35 0.00	26.90 2.37 0.00	24.94 2.31 0.00	24.45 2.16 0.00	32.03 2.51 -6.25	32.58 2.99 -2.05	30.16 2.69 -2.31	35.56 2.74 -6.79	28.27 2.49 -0.81	31.40 2.87 -0.10	45.66 3.31 -13.21	53.53 4.02 -15.72	39.84 3.95 0.00	32.19 2.92 0.00	29.98 2.83 -0.30	26.14 2.19 0.00	26.24 1.91 0.00	26.09 2.16 0.00
SOUTHOLD___IC 23719	21.31 1.74 0.00	21.04 1.66 0.00	22.19 1.66 0.00	21.68 1.63 0.00	21.20 1.62 0.00	22.08 1.82 0.00	26.20 2.35 0.00	26.90 2.37 0.00	24.94 2.31 0.00	24.45 2.15 0.00	32.02 2.50 -6.25	32.58 2.99 -2.05	30.16 2.68 -2.31	35.56 2.74 -6.79	28.27 2.50 -0.81	31.39 2.86 -0.10	45.66 3.30 -13.21	53.52 4.02 -15.72	39.85 3.95 0.00	32.19 2.92 0.00	29.97 2.82 -0.30	26.14 2.19 0.00	26.24 1.91 0.00	26.09 2.16 0.00
SOUTH_FORK_WT_PWR 323839	21.34 1.76 0.00	21.07 1.69 0.00	22.22 1.69 0.00	21.71 1.67 0.00	21.23 1.65 0.00	22.11 1.86 0.00	26.23 2.38 0.00	26.93 2.40 0.00	24.97 2.35 0.00	24.47 2.18 0.00	32.05 2.53 -6.25	32.60 3.02 -2.05	30.19 2.71 -2.31	35.59 2.78 -6.79	28.30 2.53 -0.81	31.43 2.90 -0.10	45.69 3.34 -13.21	53.57 4.07 -15.72	39.85 3.96 0.00	32.18 2.92 0.00	29.96 2.81 -0.30	26.11 2.16 0.00	26.20 1.87 0.00	26.05 2.12 0.00
SPIERFLS_115KV_TB 1 80737	20.33 0.76 0.00	20.09 0.71 0.00	21.27 0.74 0.00	20.77 0.72 0.00	20.30 0.71 0.00	21.12 0.86 0.00	24.98 1.13 0.00	25.84 1.31 0.00	23.93 1.30 0.00	23.55 1.26 0.00	24.60 1.33 0.00	29.08 1.55 0.00	26.59 1.42 0.00	27.46 1.44 0.00	26.29 1.33 0.00	29.96 1.54 0.00	30.93 1.79 0.00	35.91 2.13 0.00	37.96 2.07 0.00	30.72 1.46 0.00	28.13 1.28 0.00	25.03 1.07 0.00	25.26 0.93 0.00	24.77 0.84 0.00
ST LAWRENCE____ 23600	19.87 0.30 0.00	19.67 0.29 0.00	20.84 0.31 0.00	20.34 0.29 0.00	19.85 0.26 0.00	20.44 0.18 0.00	24.09 0.24 0.00	24.71 0.18 0.00	22.76 0.13 0.00	22.45 0.16 0.00	23.45 0.18 0.00	27.75 0.22 0.00	25.33 0.16 0.00	26.23 0.21 0.00	25.15 0.18 0.00	28.63 0.20 0.00	29.25 0.11 0.00	33.87 0.09 0.00	36.21 0.31 0.00	29.54 0.28 0.00	27.13 0.28 0.00	24.24 0.28 0.00	24.56 0.23 0.00	24.13 0.20 0.00
STATE_CA_115KV_115_LB 55624	19.70 0.12 0.00	19.50 0.11 0.00	20.63 0.10 0.00	20.16 0.12 0.00	19.70 0.12 0.00	20.41 0.15 0.00	24.02 0.17 0.00	24.80 0.27 0.00	22.95 0.32 0.00	22.59 0.30 0.00	23.58 0.31 0.00	27.95 0.42 0.00	25.56 0.39 0.00	26.41 0.39 0.00	25.34 0.38 0.00	28.84 0.42 0.00	29.65 0.51 0.00	34.36 0.59 0.00	36.39 0.49 0.00	29.60 0.34 0.00	27.18 0.33 0.00	24.20 0.24 0.00	24.46 0.13 0.00	24.02 0.09 0.00
STATE_ST_34_KV_LOAD 55959	19.36 -0.22 0.00	19.18 -0.20 0.00	20.32 -0.21 0.00	19.87 -0.18 0.00	19.45 -0.14 0.00	20.13 -0.13 0.00	23.67 -0.18 0.00	24.33 -0.20 0.00	22.41 -0.21 0.00	22.07 -0.22 0.00	23.04 -0.23 0.00	27.22 -0.31 0.00	24.87 -0.30 0.00	25.70 -0.32 0.00	24.67 -0.29 0.00	28.14 -0.28 0.00	28.83 -0.31 0.00	33.43 -0.34 0.00	35.49 -0.41 0.00	28.97 -0.29 0.00	26.57 -0.28 0.00	23.71 -0.24 0.00	24.22 -0.11 0.00	23.85 -0.08 0.00
STATION 5_MISC_HYD 23604	18.83 -0.75 0.00	18.69 -0.69 0.00	19.87 -0.66 0.00	19.43 -0.62 0.00	19.08 -0.49 0.02	19.70 -0.56 0.00	23.16 -0.69 0.00	23.73 -0.80 0.00	21.76 -0.87 0.00	21.48 -0.81 0.00	22.40 -0.87 0.00	26.42 -1.11 0.00	24.15 -1.02 0.00	25.04 -0.97 0.00	24.02 -0.94 0.00	27.34 -1.01 0.07	27.93 -1.21 0.00	32.30 -1.48 0.00	34.23 -1.67 0.00	27.93 -1.33 0.00	25.68 -1.17 0.00	23.00 -0.96 0.00	23.77 -0.56 0.00	23.52 -0.42 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.07 -0.50 0.00	18.91 -0.47 0.00	20.08 -0.46 0.00	19.64 -0.41 0.00	19.28 -0.31 0.00	19.93 -0.33 0.00	23.46 -0.39 0.00	24.10 -0.42 0.00	22.14 -0.48 0.00	21.84 -0.44 0.00	22.79 -0.48 0.00	26.90 -0.63 0.00	24.60 -0.57 0.00	25.46 -0.56 0.00	24.43 -0.53 0.00	27.89 -0.54 0.00	28.48 -0.66 0.00	32.94 -0.84 0.00	34.97 -0.93 0.00	28.54 -0.72 0.00	26.19 -0.66 0.00	23.43 -0.53 0.00	24.07 -0.26 0.00	23.75 -0.18 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.77 -0.81 0.00	18.62 -0.76 0.00	19.78 -0.74 0.00	19.35 -0.70 0.00	19.02 -0.57 0.00	19.62 -0.64 0.00	23.07 -0.78 0.00	23.64 -0.88 0.00	21.69 -0.94 0.00	21.41 -0.88 0.00	22.34 -0.93 0.00	26.36 -1.17 0.00	24.09 -1.08 0.00	24.98 -1.04 0.00	23.97 -0.99 0.00	27.35 -1.08 0.00	27.88 -1.26 0.00	32.24 -1.54 0.00	34.17 -1.73 0.00	27.89 -1.38 0.00	25.62 -1.23 0.00	22.95 -1.01 0.00	23.68 -0.65 0.00	23.41 -0.53 0.00

STA_56___34_KV_BUS2 355983	18.77 -0.81 0.00	18.62 -0.76 0.00	19.78 -0.74 0.00	19.35 -0.70 0.00	19.02 -0.57 0.00	19.62 -0.64 0.00	23.07 -0.78 0.00	23.64 -0.88 0.00	21.69 -0.94 0.00	21.41 -0.88 0.00	22.34 -0.93 0.00	26.36 -1.17 0.00	24.09 -1.08 0.00	24.98 -1.04 0.00	23.97 -0.99 0.00	27.35 -1.08 0.00	27.88 -1.26 0.00	32.24 -1.54 0.00	34.17 -1.73 0.00	27.89 -1.38 0.00	25.62 -1.23 0.00	22.95 -1.01 0.00	23.68 -0.65 0.00	23.41 -0.53 0.00
STA_67___115KV_BK2 355882	18.80 -0.77 0.00	18.66 -0.72 0.00	19.83 -0.70 0.00	19.40 -0.65 0.00	19.07 -0.52 0.00	19.67 -0.59 0.00	23.11 -0.74 0.00	23.68 -0.84 0.00	21.71 -0.92 0.00	21.43 -0.86 0.00	22.34 -0.92 0.00	26.36 -1.17 0.00	24.09 -1.08 0.00	24.98 -1.03 0.00	23.97 -0.99 0.00	27.35 -1.08 0.00	27.86 -1.28 0.00	32.21 -1.57 0.00	34.15 -1.75 0.00	27.87 -1.40 0.00	25.62 -1.24 0.00	22.96 -1.00 0.00	23.72 -0.61 0.00	23.47 -0.46 0.00
STA_7___115KV_9TRANS 80674	18.90 -0.67 0.00	18.76 -0.62 0.00	19.93 -0.60 0.00	19.50 -0.55 0.00	19.16 -0.42 0.00	19.77 -0.49 0.00	23.25 -0.60 0.00	23.83 -0.70 0.00	21.85 -0.78 0.00	21.57 -0.71 0.00	22.51 -0.76 0.00	26.56 -0.97 0.00	24.27 -0.90 0.00	25.17 -0.84 0.00	24.16 -0.81 0.00	27.56 -0.86 0.00	28.09 -1.06 0.00	32.48 -1.29 0.00	34.44 -1.46 0.00	28.10 -1.17 0.00	25.82 -1.03 0.00	23.12 -0.83 0.00	23.88 -0.45 0.00	23.62 -0.31 0.00
STA_82___115KV_TB1 80780	18.81 -0.77 0.00	18.67 -0.71 0.00	19.85 -0.69 0.00	19.41 -0.65 0.00	19.08 -0.51 0.00	19.67 -0.58 0.00	23.13 -0.72 0.00	23.69 -0.84 0.00	21.71 -0.91 0.00	21.44 -0.85 0.00	22.36 -0.91 0.00	26.38 -1.15 0.00	24.11 -1.06 0.00	25.00 -1.02 0.00	23.99 -0.98 0.00	27.37 -1.06 0.00	27.88 -1.26 0.00	32.24 -1.54 0.00	34.17 -1.73 0.00	27.89 -1.38 0.00	25.63 -1.22 0.00	22.97 -0.99 0.00	23.74 -0.59 0.00	23.49 -0.45 0.00
STEEL___WIND 323596	18.69 -0.89 0.00	18.59 -0.79 0.00	19.80 -0.73 0.00	19.38 -0.67 0.00	19.07 -0.47 0.04	19.67 -0.58 0.00	23.06 -0.79 0.00	23.60 -0.93 0.00	21.49 -1.14 0.00	21.22 -1.06 0.00	22.16 -1.11 0.00	26.10 -1.43 0.00	23.87 -1.30 0.00	24.76 -1.25 0.00	23.73 -1.24 0.00	26.95 -1.31 0.18	27.49 -1.66 0.00	31.76 -2.01 0.00	33.68 -2.22 0.00	27.56 -1.71 0.00	25.35 -1.50 0.00	22.82 -1.14 0.00	23.80 -0.53 0.00	23.64 -0.29 0.00
STEPHTWN_115KV_BK_2 55603	19.80 0.23 0.00	19.58 0.20 0.00	20.72 0.19 0.00	20.24 0.19 0.00	19.78 0.20 0.00	20.48 0.22 0.00	24.15 0.30 0.00	25.00 0.47 0.00	23.11 0.48 0.00	22.80 0.51 0.00	23.77 0.50 0.00	28.14 0.62 0.00	25.72 0.55 0.00	26.58 0.57 0.00	25.49 0.53 0.00	29.03 0.60 0.00	29.87 0.73 0.00	34.64 0.87 0.00	36.73 0.83 0.00	29.86 0.59 0.00	27.38 0.53 0.00	24.36 0.40 0.00	24.62 0.29 0.00	24.11 0.17 0.00
STEBUBEN_REC_LFGE 323667	18.67 -0.91 0.00	18.62 -0.76 0.00	19.76 -0.77 0.00	19.30 -0.75 0.00	19.12 -0.47 0.00	19.80 -0.46 0.00	23.34 -0.51 0.00	23.90 -0.62 0.00	21.90 -0.73 0.00	21.45 -0.84 0.00	22.48 -0.79 0.00	26.57 -0.95 0.00	24.22 -0.94 0.00	24.85 -1.17 0.00	23.86 -1.11 0.00	27.65 -0.78 0.00	27.93 -1.21 0.00	32.51 -1.26 0.00	34.95 -0.95 0.00	28.61 -0.65 0.00	26.17 -0.68 0.00	23.53 -0.42 0.00	24.30 -0.03 0.00	24.08 0.15 0.00
STILLWATER___SOLAR 323814	20.19 0.62 0.00	19.99 0.61 0.00	21.16 0.63 0.00	20.67 0.63 0.00	20.19 0.61 0.00	20.96 0.70 0.00	24.74 0.89 0.00	25.56 1.03 0.00	23.63 1.00 0.00	23.27 0.99 0.00	24.31 1.04 0.00	28.77 1.24 0.00	26.30 1.14 0.00	27.18 1.16 0.00	26.05 1.09 0.00	29.67 1.25 0.00	30.56 1.41 0.00	35.44 1.66 0.00	37.53 1.63 0.00	30.44 1.18 0.00	27.92 1.07 0.00	24.86 0.90 0.00	25.12 0.80 0.00	24.68 0.74 0.00
STONY___BROOK 24151	20.70 1.13 0.00	20.45 1.07 0.00	21.57 1.04 0.00	21.05 1.01 0.00	20.58 0.99 0.00	21.42 1.16 0.00	25.39 1.54 0.00	26.16 1.63 0.00	24.24 1.62 0.00	23.81 1.52 0.00	31.34 1.82 -6.25	31.78 2.20 -2.05	29.48 2.01 -2.31	34.86 2.05 -6.79	27.68 1.90 -0.81	30.70 2.17 -0.10	44.83 2.48 -13.21	52.46 2.96 -15.72	38.83 2.93 0.00	31.51 2.25 0.00	29.28 2.13 -0.30	25.63 1.68 0.00	25.79 1.46 0.00	25.50 1.57 0.00
STURGEON_POOL_HYD 23609	20.05 0.47 0.00	19.83 0.45 0.00	20.96 0.43 0.00	20.51 0.46 0.00	20.01 0.43 0.00	20.81 0.55 0.00	24.60 0.75 0.00	25.47 0.94 0.00	23.51 0.88 0.00	23.12 0.83 0.00	24.24 0.97 0.00	28.68 1.16 0.00	26.27 1.10 0.00	27.12 1.10 0.00	26.06 1.10 0.00	29.67 1.24 0.00	30.56 1.41 0.00	35.43 1.66 0.00	37.59 1.69 0.00	30.66 1.40 0.00	28.02 1.17 0.00	24.90 0.94 0.00	25.13 0.80 0.00	24.66 0.72 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.98 0.40 0.00	19.76 0.38 0.00	20.89 0.36 0.00	20.44 0.39 0.00	19.96 0.37 0.00	20.73 0.47 0.00	24.50 0.65 0.00	25.35 0.83 0.00	23.40 0.77 0.00	23.00 0.71 0.00	24.08 0.81 0.00	28.51 0.98 0.00	26.10 0.93 0.00	26.94 0.92 0.00	25.87 0.91 0.00	29.47 1.05 0.00	30.34 1.20 0.00	35.19 1.42 0.00	37.32 1.43 0.00	30.43 1.17 0.00	27.83 0.99 0.00	24.76 0.80 0.00	24.99 0.66 0.00	24.53 0.60 0.00
SWANROAD_115KV_TB1 355699	18.14 -1.43 0.00	18.05 -1.33 0.00	19.24 -1.29 0.00	18.83 -1.21 0.00	18.58 -1.00 0.00	19.10 -1.16 0.00	22.30 -1.56 0.00	22.63 -1.90 0.00	20.58 -2.05 0.00	20.34 -1.95 0.00	21.23 -2.05 0.00	24.99 -2.54 0.00	22.84 -2.33 0.00	23.73 -2.28 0.00	22.75 -2.22 0.00	25.97 -2.45 0.00	26.28 -2.86 0.00	30.33 -3.45 0.00	32.10 -3.79 0.00	26.25 -3.01 0.00	24.21 -2.63 0.00	21.81 -2.15 0.00	22.93 -1.40 0.00	22.84 -1.09 0.00
SYNERGY___BIOGAS 323694	18.91 -0.67 0.00	18.79 -0.60 0.00	19.99 -0.54 0.00	19.55 -0.50 0.00	19.25 -0.31 0.03	19.87 -0.39 0.00	23.33 -0.52 0.00	23.83 -0.70 0.00	21.77 -0.86 0.00	21.54 -0.75 0.00	22.49 -0.78 0.00	26.47 -1.06 0.00	24.18 -0.99 0.00	25.10 -0.92 0.00	24.07 -0.90 0.00	27.38 -0.93 0.12	27.93 -1.21 0.00	32.28 -1.49 0.00	34.16 -1.74 0.00	27.91 -1.36 0.00	25.66 -1.19 0.00	23.04 -0.92 0.00	23.99 -0.34 0.00	23.79 -0.14 0.00
SYRACUSE___ENERGY_ST1 323597	19.32 -0.25 0.00	19.14 -0.25 0.00	20.27 -0.26 0.00	19.81 -0.24 0.00	19.38 -0.20 0.00	20.04 -0.22 0.00	23.54 -0.31 0.00	24.19 -0.34 0.00	22.30 -0.32 0.00	21.96 -0.33 0.00	22.90 -0.37 0.00	27.06 -0.47 0.00	24.74 -0.43 0.00	25.57 -0.45 0.00	24.55 -0.42 0.00	27.98 -0.45 0.00	28.68 -0.46 0.00	33.26 -0.51 0.00	35.30 -0.60 0.00	28.81 -0.46 0.00	26.43 -0.41 0.00	23.60 -0.36 0.00	24.09 -0.24 0.00	23.72 -0.21 0.00
SYRACUSE___ENERGY_ST2 323598	19.32 -0.25 0.00	19.14 -0.25 0.00	20.27 -0.26 0.00	19.81 -0.24 0.00	19.38 -0.20 0.00	20.04 -0.22 0.00	23.54 -0.31 0.00	24.19 -0.34 0.00	22.30 -0.32 0.00	21.96 -0.33 0.00	22.90 -0.37 0.00	27.06 -0.47 0.00	24.74 -0.43 0.00	25.57 -0.45 0.00	24.55 -0.42 0.00	27.98 -0.45 0.00	28.68 -0.46 0.00	33.26 -0.51 0.00	35.30 -0.60 0.00	28.81 -0.46 0.00	26.43 -0.41 0.00	23.60 -0.36 0.00	24.09 -0.24 0.00	23.72 -0.21 0.00

SYRACUSE___POWER 24017	19.32 -0.25 0.00	19.14 -0.24 0.00	20.28 -0.25 0.00	19.81 -0.23 0.00	19.39 -0.20 0.00	20.05 -0.21 0.00	23.57 -0.28 0.00	24.21 -0.31 0.00	22.33 -0.30 0.00	21.98 -0.31 0.00	22.90 -0.37 0.00	27.06 -0.47 0.00	24.74 -0.42 0.00	25.57 -0.45 0.00	24.55 -0.42 0.00	27.98 -0.45 0.00	28.69 -0.45 0.00	33.27 -0.51 0.00	35.30 -0.60 0.00	28.83 -0.44 0.00	26.46 -0.39 0.00	23.63 -0.33 0.00	24.10 -0.23 0.00	23.74 -0.19 0.00
TALLMAN___138KV_BK151 55660	20.03 0.45 0.00	19.82 0.44 0.00	20.95 0.42 0.00	20.50 0.45 0.00	20.01 0.43 0.00	20.80 0.54 0.00	24.59 0.74 0.00	25.46 0.93 0.00	23.49 0.86 0.00	23.08 0.79 0.00	24.18 0.90 0.00	28.63 1.10 0.00	26.20 1.03 0.00	27.05 1.03 0.00	25.98 1.02 0.00	29.59 1.16 0.00	30.48 1.33 0.00	35.33 1.55 0.00	37.47 1.58 0.00	30.58 1.32 0.00	27.94 1.09 0.00	24.85 0.89 0.00	25.07 0.74 0.00	24.60 0.67 0.00
TEALLAVE_115KV_TB7 355573	19.22 -0.35 0.00	19.04 -0.34 0.00	20.18 -0.35 0.00	19.72 -0.33 0.00	19.29 -0.30 0.00	19.94 -0.32 0.00	23.43 -0.42 0.00	24.06 -0.46 0.00	22.19 -0.43 0.00	21.83 -0.46 0.00	22.74 -0.53 0.00	26.87 -0.66 0.00	24.57 -0.59 0.00	25.40 -0.62 0.00	24.39 -0.58 0.00	27.78 -0.64 0.00	28.49 -0.65 0.00	33.02 -0.76 0.00	35.03 -0.87 0.00	28.61 -0.65 0.00	26.28 -0.56 0.00	23.47 -0.49 0.00	23.96 -0.37 0.00	23.61 -0.32 0.00
TELGRAPH_34_KV_EAST 80808	18.61 -0.97 0.00	18.50 -0.88 0.00	19.70 -0.83 0.00	19.28 -0.77 0.00	19.01 -0.58 0.00	19.56 -0.70 0.00	22.92 -0.93 0.00	23.36 -1.17 0.00	21.30 -1.33 0.00	21.06 -1.23 0.00	21.97 -1.30 0.00	25.89 -1.64 0.00	23.66 -1.51 0.00	24.57 -1.45 0.00	23.56 -1.40 0.00	26.90 -1.52 0.00	27.28 -1.86 0.00	31.51 -2.27 0.00	33.35 -2.55 0.00	27.24 -2.02 0.00	25.08 -1.77 0.00	22.55 -1.40 0.00	23.57 -0.76 0.00	23.42 -0.52 0.00
TEMPLE___115KV_TB 2 55572	19.24 -0.34 0.00	19.05 -0.33 0.00	20.19 -0.34 0.00	19.73 -0.32 0.00	19.30 -0.29 0.00	19.95 -0.31 0.00	23.44 -0.41 0.00	24.07 -0.45 0.00	22.21 -0.42 0.00	21.84 -0.45 0.00	22.76 -0.51 0.00	26.89 -0.64 0.00	24.59 -0.58 0.00	25.42 -0.60 0.00	24.40 -0.56 0.00	27.81 -0.62 0.00	28.50 -0.64 0.00	33.04 -0.74 0.00	35.05 -0.85 0.00	28.64 -0.63 0.00	26.29 -0.55 0.00	23.48 -0.47 0.00	23.98 -0.35 0.00	23.63 -0.30 0.00
TIANA___69_KV_BK 1 55817	20.99 1.41 0.00	20.72 1.34 0.00	21.86 1.33 0.00	21.35 1.30 0.00	20.87 1.29 0.00	21.73 1.47 0.00	25.75 1.90 0.00	26.42 1.89 0.00	24.49 1.87 0.00	23.99 1.70 0.00	31.57 2.05 -6.25	32.02 2.44 -2.05	29.65 2.17 -2.31	35.01 2.20 -6.79	27.75 1.97 -0.81	30.80 2.27 -0.10	44.99 2.64 -13.21	52.76 3.26 -15.72	39.09 3.19 0.00	31.61 2.35 0.00	29.50 2.35 -0.30	25.76 1.80 0.00	25.90 1.57 0.00	25.79 1.86 0.00
TILDEN___115KV_TB1 80814	19.32 -0.25 0.00	19.14 -0.24 0.00	20.28 -0.25 0.00	19.81 -0.23 0.00	19.39 -0.20 0.00	20.05 -0.21 0.00	23.57 -0.28 0.00	24.21 -0.31 0.00	22.33 -0.30 0.00	21.98 -0.31 0.00	22.90 -0.37 0.00	27.06 -0.47 0.00	24.74 -0.42 0.00	25.57 -0.45 0.00	24.55 -0.42 0.00	27.98 -0.45 0.00	28.69 -0.45 0.00	33.27 -0.51 0.00	35.30 -0.60 0.00	28.83 -0.44 0.00	26.46 -0.39 0.00	23.63 -0.33 0.00	24.10 -0.23 0.00	23.74 -0.19 0.00
TRIGEN___CC 323695	20.34 0.77 0.00	20.12 0.74 0.00	21.24 0.71 0.00	20.75 0.70 0.00	20.27 0.68 0.00	21.09 0.83 0.00	24.97 1.12 0.00	25.83 1.30 0.00	23.88 1.25 0.00	23.49 1.20 0.00	30.94 1.42 -6.25	31.29 2.44 -2.05	29.08 2.17 -2.31	34.43 2.20 -6.79	27.35 1.61 -0.81	30.32 1.79 -0.10	44.34 1.99 -13.21	51.79 2.29 -15.72	38.20 2.30 0.00	31.12 1.85 0.00	28.79 1.64 -0.30	25.28 1.32 0.00	25.49 1.16 0.00	25.05 1.12 0.00
TRINITY___115KV___4 BK 55933	19.62 0.05 0.00	19.43 0.05 0.00	20.56 0.04 0.00	20.10 0.05 0.00	19.64 0.05 0.00	20.33 0.08 0.00	23.93 0.09 0.00	24.70 0.17 0.00	22.86 0.23 0.00	22.50 0.21 0.00	23.48 0.21 0.00	27.84 0.30 0.00	25.44 0.27 0.00	26.29 0.28 0.00	25.23 0.26 0.00	28.71 0.29 0.00	29.52 0.37 0.00	34.21 0.43 0.00	36.24 0.34 0.00	29.47 0.20 0.00	27.06 0.21 0.00	24.11 0.15 0.00	24.37 0.04 0.00	23.93 0.00 0.00
UNION___PROCESSING_DRP 323587	18.81 -0.77 0.00	18.67 -0.71 0.00	19.85 -0.68 0.00	19.42 -0.63 0.00	19.08 -0.50 0.00	19.68 -0.57 0.00	23.14 -0.71 0.00	23.70 -0.83 0.00	21.72 -0.90 0.00	21.45 -0.84 0.00	22.37 -0.90 0.00	26.39 -1.14 0.00	24.12 -1.05 0.00	25.01 -1.01 0.00	24.00 -0.97 0.00	27.38 -1.05 0.00	27.89 -1.25 0.00	32.25 -1.53 0.00	34.18 -1.72 0.00	27.90 -1.37 0.00	25.64 -1.21 0.00	22.98 -0.98 0.00	23.74 -0.58 0.00	23.50 -0.44 0.00
UPPER HUDSON___HYD 24058	20.33 0.76 0.00	20.09 0.71 0.00	21.27 0.74 0.00	20.77 0.72 0.00	20.30 0.71 0.00	21.12 0.86 0.00	24.98 1.13 0.00	25.84 1.31 0.00	23.93 1.30 0.00	23.55 1.26 0.00	24.60 1.33 0.00	29.08 1.55 0.00	26.59 1.42 0.00	27.46 1.44 0.00	26.30 1.33 0.00	29.96 1.54 0.00	30.93 1.79 0.00	35.91 2.13 0.00	37.96 2.07 0.00	30.72 1.46 0.00	28.13 1.28 0.00	25.03 1.07 0.00	25.26 0.93 0.00	24.77 0.84 0.00
UPPER RAQUET___HYD 24056	19.70 0.12 0.00	19.50 0.12 0.00	20.69 0.16 0.00	20.19 0.14 0.00	19.69 0.11 0.00	20.27 0.01 0.00	23.92 0.08 0.00	24.55 0.02 0.00	22.64 0.01 0.00	22.33 0.04 0.00	23.31 0.04 0.00	27.59 0.05 0.00	25.17 0.00 0.00	26.05 0.03 0.00	24.96 0.00 0.00	28.46 0.03 0.00	29.07 -0.07 0.00	33.53 -0.24 0.00	35.99 0.09 0.00	29.36 0.10 0.00	26.94 0.09 0.00	24.02 0.06 0.00	24.28 -0.05 0.00	23.83 -0.10 0.00
VALLEY44_115KV_TB2 355964	19.25 -0.32 0.00	19.13 -0.25 0.00	20.32 -0.21 0.00	19.89 -0.16 0.00	19.58 0.00 0.00	20.23 -0.03 0.00	23.80 -0.05 0.00	24.50 -0.03 0.00	22.39 -0.24 0.00	22.02 -0.27 0.00	22.79 -0.48 0.00	26.73 -0.80 0.00	24.47 -0.69 0.00	25.32 -0.70 0.00	24.28 -0.68 0.00	27.79 -0.63 0.00	28.26 -0.88 0.00	32.73 -1.05 0.00	34.76 -1.14 0.00	28.52 -0.75 0.00	26.15 -0.70 0.00	23.62 -0.34 0.00	24.49 0.16 0.00	24.23 0.30 0.00
VALLEY___115KV_TB 1-4 80826	19.37 -0.20 0.00	19.18 -0.20 0.00	20.30 -0.23 0.00	19.84 -0.21 0.00	19.39 -0.19 0.00	20.14 -0.12 0.00	23.74 -0.10 0.00	24.56 0.03 0.00	22.72 0.09 0.00	22.34 0.05 0.00	23.33 0.06 0.00	27.59 0.06 0.00	25.24 0.07 0.00	26.04 0.03 0.00	24.97 0.00 0.00	28.37 -0.06 0.00	29.12 -0.02 0.00	33.78 0.01 0.00	35.84 -0.05 0.00	29.09 -0.17 0.00	26.69 -0.16 0.00	23.76 -0.20 0.00	23.95 -0.38 0.00	23.35 -0.58 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.05 0.47 0.00	19.84 0.46 0.00	20.99 0.46 0.00	20.53 0.48 0.00	20.07 0.49 0.00	20.84 0.58 0.00	24.61 0.76 0.00	25.39 0.87 0.00	23.45 0.83 0.00	23.10 0.81 0.00	24.12 0.85 0.00	28.53 1.00 0.00	26.08 0.92 0.00	26.93 0.91 0.00	25.83 0.87 0.00	29.44 1.01 0.00	30.25 1.11 0.00	35.11 1.33 0.00	37.30 1.40 0.00	30.42 1.16 0.00	27.85 1.00 0.00	24.82 0.86 0.00	25.15 0.82 0.00	24.69 0.75 0.00

VISCHER___FERRY HYD 24020	19.93 0.35 0.00	19.74 0.35 0.00	20.90 0.37 0.00	20.43 0.38 0.00	19.94 0.36 0.00	20.66 0.40 0.00	24.35 0.50 0.00	25.14 0.61 0.00	23.24 0.61 0.00	22.88 0.59 0.00	23.89 0.62 0.00	28.32 0.79 0.00	25.88 0.71 0.00	26.75 0.73 0.00	25.66 0.69 0.00	29.20 0.77 0.00	30.01 0.87 0.00	34.80 1.02 0.00	36.83 0.93 0.00	29.92 0.65 0.00	27.49 0.64 0.00	24.49 0.53 0.00	24.76 0.43 0.00	24.33 0.39 0.00
V_A_10_SYNC_DSASP 323832	18.35 -1.23 0.00	18.24 -1.14 0.00	19.42 -1.11 0.00	19.01 -1.04 0.00	18.69 -0.87 0.03	19.27 -0.99 0.00	22.60 -1.25 0.00	23.09 -1.44 0.00	21.07 -1.56 0.00	20.79 -1.49 0.00	21.67 -1.60 0.00	25.53 -2.00 0.00	23.34 -1.83 0.00	24.22 -1.80 0.00	23.21 -1.75 0.00	26.38 -1.92 0.12	26.90 -2.25 0.00	31.06 -2.71 0.00	32.92 -2.98 0.00	26.91 -2.35 0.00	24.78 -2.07 0.00	22.29 -1.67 0.00	23.21 -1.12 0.00	23.05 -0.88 0.00
V_CMM_10_SYNC_DSASP 323787	19.96 0.39 0.00	19.76 0.38 0.00	20.94 0.41 0.00	20.44 0.39 0.00	19.94 0.35 0.00	20.55 0.29 0.00	24.21 0.36 0.00	24.83 0.30 0.00	22.86 0.23 0.00	22.56 0.27 0.00	23.55 0.28 0.00	27.87 0.33 0.00	25.45 0.28 0.00	26.34 0.33 0.00	25.26 0.29 0.00	28.77 0.34 0.00	29.38 0.24 0.00	34.02 0.24 0.00	36.38 0.48 0.00	29.68 0.42 0.00	27.26 0.41 0.00	24.34 0.39 0.00	24.67 0.34 0.00	24.25 0.32 0.00
V_CMP_10_SYNC_DSASP 323788	20.53 0.96 0.00	20.30 0.92 0.00	21.50 0.97 0.00	20.96 0.91 0.00	20.45 0.87 0.00	21.15 0.89 0.00	24.98 1.13 0.00	25.69 1.16 0.00	23.66 1.03 0.00	23.31 1.02 0.00	24.35 1.08 0.00	28.86 1.33 0.00	26.35 1.18 0.00	27.24 1.22 0.00	26.03 1.07 0.00	29.60 1.17 0.00	30.29 1.15 0.00	35.10 1.32 0.00	37.36 1.46 0.00	30.48 1.22 0.00	28.03 1.18 0.00	25.00 1.04 0.00	25.35 1.03 0.00	24.92 0.99 0.00
V_D_10_SYNC_DSASP 323841	20.10 0.53 0.00	19.91 0.52 0.00	21.10 0.57 0.00	20.59 0.54 0.00	20.08 0.50 0.00	20.69 0.43 0.00	24.38 0.53 0.00	25.01 0.48 0.00	23.03 0.40 0.00	22.72 0.43 0.00	23.72 0.45 0.00	28.06 0.53 0.00	25.62 0.46 0.00	26.52 0.51 0.00	25.43 0.47 0.00	28.97 0.54 0.00	29.58 0.44 0.00	34.15 0.37 0.00	36.63 0.74 0.00	29.89 0.63 0.00	27.44 0.59 0.00	24.51 0.55 0.00	24.84 0.51 0.00	24.40 0.46 0.00
V_E_10_SYNC_DSASP 323830	20.34 0.77 0.00	20.12 0.74 0.00	21.34 0.81 0.00	20.83 0.78 0.00	20.42 0.83 -0.01	21.29 1.03 0.00	25.24 1.39 0.00	26.04 1.51 0.00	24.03 1.41 0.00	23.63 1.34 0.00	24.57 1.30 0.00	28.99 1.47 0.00	26.49 1.32 0.00	27.22 1.21 0.00	26.11 1.15 0.00	29.94 1.47 -0.04	30.84 1.69 0.00	36.08 2.30 0.00	38.22 2.33 0.00	31.33 2.06 0.00	28.73 1.88 0.00	25.57 1.62 0.00	25.85 1.52 0.00	25.23 1.30 0.00
V_F_30_NSYNC___DSASP 323816	20.22 0.64 0.00	20.01 0.63 0.00	21.19 0.66 0.00	20.70 0.65 0.00	20.22 0.64 0.00	20.99 0.73 0.00	24.77 0.92 0.00	25.60 1.07 0.00	23.67 1.04 0.00	23.31 1.02 0.00	24.34 1.08 0.00	28.82 1.28 0.00	26.34 1.17 0.00	27.21 1.19 0.00	26.09 1.13 0.00	29.72 1.29 0.00	30.60 1.45 0.00	35.48 1.71 0.00	37.57 1.67 0.00	30.49 1.22 0.00	27.95 1.11 0.00	24.89 0.93 0.00	25.16 0.83 0.00	24.71 0.78 0.00
V_F_30_SYNC_DSASP 323786	19.70 0.12 0.00	19.50 0.11 0.00	20.63 0.10 0.00	20.16 0.12 0.00	19.70 0.12 0.00	20.41 0.14 0.00	24.02 0.17 0.00	24.80 0.27 0.00	22.95 0.32 0.00	22.59 0.30 0.00	23.58 0.31 0.00	27.95 0.42 0.00	25.56 0.39 0.00	26.41 0.39 0.00	25.34 0.38 0.00	28.84 0.42 0.00	29.65 0.51 0.00	34.36 0.59 0.00	36.39 0.49 0.00	29.60 0.33 0.00	27.18 0.33 0.00	24.20 0.24 0.00	24.46 0.13 0.00	24.02 0.09 0.00
V_XM_10_SYNC_DSASP 323789	20.53 0.96 0.00	20.30 0.92 0.00	21.50 0.97 0.00	20.96 0.91 0.00	20.45 0.87 0.00	21.15 0.89 0.00	24.98 1.13 0.00	25.69 1.16 0.00	23.66 1.03 0.00	23.31 1.02 0.00	24.35 1.08 0.00	28.86 1.33 0.00	26.35 1.18 0.00	27.24 1.22 0.00	26.03 1.07 0.00	29.60 1.17 0.00	30.29 1.15 0.00	35.10 1.32 0.00	37.36 1.46 0.00	30.48 1.22 0.00	28.03 1.18 0.00	25.00 1.04 0.00	25.35 1.03 0.00	24.92 0.99 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.09 0.51 0.00	19.88 0.50 0.00	21.01 0.48 0.00	20.56 0.51 0.00	20.06 0.48 0.00	20.86 0.60 0.00	24.66 0.82 0.00	25.55 1.02 0.00	23.57 0.95 0.00	23.17 0.88 0.00	24.27 1.00 0.00	28.74 1.20 0.00	26.30 1.13 0.00	27.15 1.13 0.00	26.08 1.11 0.00	29.70 1.27 0.00	30.59 1.45 0.00	35.46 1.69 0.00	37.61 1.71 0.00	30.69 1.43 0.00	28.05 1.20 0.00	24.93 0.98 0.00	25.15 0.82 0.00	24.68 0.75 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.12 0.55 0.00	19.91 0.52 0.00	21.02 0.49 0.00	20.58 0.53 0.00	20.08 0.50 0.00	20.87 0.61 0.00	24.70 0.85 0.00	25.60 1.07 0.00	23.63 1.01 0.00	23.25 0.96 0.00	24.34 1.07 0.00	28.84 1.31 0.00	26.41 1.24 0.00	27.27 1.25 0.00	26.19 1.23 0.00	29.83 1.40 0.00	30.72 1.58 0.00	35.59 1.81 0.00	37.74 1.85 0.00	30.80 1.54 0.00	28.14 1.29 0.00	25.00 1.04 0.00	25.17 0.85 0.00	24.68 0.75 0.00
W50THST__13_KV_LOAD 356117	20.23 0.66 0.00	20.01 0.63 0.00	21.13 0.60 0.00	20.69 0.64 0.00	20.19 0.61 0.00	20.99 0.73 0.00	24.85 1.00 0.00	25.77 1.25 0.00	23.81 1.18 0.00	23.44 1.15 0.00	24.53 1.26 0.00	29.07 1.53 0.00	26.61 1.45 0.00	27.49 1.47 0.00	26.41 1.45 0.00	30.09 1.66 0.00	30.99 1.84 0.00	35.88 2.11 0.00	38.04 2.14 0.00	31.04 1.78 0.00	28.35 1.50 0.00	25.17 1.21 0.00	25.34 1.01 0.00	24.83 0.90 0.00
WADING RIVER_IC_1 23522	20.87 1.29 0.00	20.60 1.22 0.00	21.74 1.20 0.00	21.21 1.16 0.00	20.74 1.15 0.00	21.59 1.33 0.00	25.57 1.73 0.00	26.20 1.67 0.00	24.28 1.65 0.00	23.76 1.47 0.00	31.33 1.81 -6.25	31.76 2.17 -2.05	29.38 1.90 -2.31	34.71 1.89 -6.79	27.43 1.66 -0.81	30.44 1.91 -0.10	44.64 2.28 -13.21	52.39 2.89 -15.72	38.69 2.79 0.00	31.25 1.99 0.00	29.24 2.08 -0.30	25.53 1.57 0.00	25.68 1.35 0.00	25.65 1.72 0.00
WADING RIVER_IC_2 23547	20.87 1.29 0.00	20.60 1.22 0.00	21.74 1.20 0.00	21.21 1.16 0.00	20.74 1.15 0.00	21.59 1.33 0.00	25.57 1.73 0.00	26.20 1.67 0.00	24.28 1.65 0.00	23.76 1.47 0.00	31.33 1.81 -6.25	31.76 2.17 -2.05	29.38 1.90 -2.31	34.71 1.89 -6.79	27.43 1.66 -0.81	30.44 1.91 -0.10	44.64 2.28 -13.21	52.39 2.89 -15.72	38.69 2.79 0.00	31.25 1.99 0.00	29.24 2.08 -0.30	25.53 1.57 0.00	25.68 1.35 0.00	25.65 1.72 0.00
WADING RIVER_IC_3 23601	20.87 1.29 0.00	20.60 1.22 0.00	21.74 1.20 0.00	21.21 1.16 0.00	20.74 1.15 0.00	21.59 1.33 0.00	25.57 1.73 0.00	26.20 1.67 0.00	24.28 1.65 0.00	23.76 1.47 0.00	31.33 1.81 -6.25	31.76 2.17 -2.05	29.38 1.90 -2.31	34.71 1.89 -6.79	27.43 1.66 -0.81	30.44 1.91 -0.10	44.64 2.28 -13.21	52.39 2.89 -15.72	38.69 2.79 0.00	31.25 1.99 0.00	29.24 2.08 -0.30	25.53 1.57 0.00	25.68 1.35 0.00	25.65 1.72 0.00



WALDENNY_12_KV_BK2 80841	18.69 -0.89 0.00	18.59 -0.80 0.00	19.79 -0.74 0.00	19.37 -0.68 0.00	19.11 -0.47 0.00	19.67 -0.59 0.00	23.06 -0.79 0.00	23.57 -0.96 0.00	21.47 -1.16 0.00	21.21 -1.08 0.00	22.14 -1.13 0.00	26.09 -1.43 0.00	23.86 -1.31 0.00	24.75 -1.27 0.00	23.72 -1.24 0.00	27.12 -1.31 0.00	27.48 -1.66 0.00	31.76 -2.02 0.00	33.65 -2.25 0.00	27.53 -1.73 0.00	25.33 -1.52 0.00	22.80 -1.16 0.00	23.80 -0.53 0.00	23.63 -0.30 0.00
WALDEN___HYDRO 24148	20.15 0.58 0.00	19.95 0.57 0.00	21.09 0.56 0.00	20.63 0.58 0.00	20.12 0.53 0.00	20.94 0.68 0.00	24.73 0.88 0.00	25.61 1.08 0.00	23.63 1.01 0.00	23.24 0.95 0.00	24.32 1.05 0.00	28.79 1.26 0.00	26.37 1.20 0.00	27.20 1.19 0.00	26.14 1.18 0.00	29.79 1.37 0.00	30.69 1.55 0.00	35.63 1.85 0.00	37.77 1.88 0.00	30.81 1.54 0.00	28.16 1.31 0.00	25.07 1.11 0.00	25.30 0.97 0.00	24.81 0.87 0.00
WARRENSBURG___ 23737	20.33 0.76 0.00	20.09 0.71 0.00	21.27 0.74 0.00	20.77 0.72 0.00	20.30 0.71 0.00	21.12 0.86 0.00	24.98 1.13 0.00	25.84 1.31 0.00	23.93 1.30 0.00	23.55 1.26 0.00	24.60 1.33 0.00	29.08 1.55 0.00	26.59 1.42 0.00	27.46 1.44 0.00	26.30 1.33 0.00	29.96 1.54 0.00	30.93 1.79 0.00	35.91 2.13 0.00	37.96 2.07 0.00	30.72 1.46 0.00	28.13 1.28 0.00	25.03 1.07 0.00	25.26 0.93 0.00	24.77 0.84 0.00
WATERSIDE___6 8 9 23538	20.19 0.62 0.00	19.98 0.60 0.00	21.09 0.56 0.00	20.65 0.60 0.00	20.15 0.56 0.00	20.94 0.69 0.00	24.78 0.93 0.00	25.70 1.18 0.00	23.72 1.09 0.00	23.33 1.04 0.00	24.42 1.15 0.00	28.93 1.40 0.00	26.49 1.32 0.00	21.46 1.32 5.88	20.72 1.29 5.53	5.59 1.48 24.32	-27.61 1.66 58.41	30.37 1.91 5.32	25.24 1.94 12.60	2.89 1.65 28.02	21.60 1.35 6.60	14.13 1.11 10.94	25.23 0.90 0.00	24.73 0.80 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.44 -0.13 0.00	19.25 -0.13 0.00	20.38 -0.15 0.00	19.91 -0.14 0.00	19.46 -0.12 0.00	20.19 -0.07 0.00	23.80 -0.05 0.00	24.57 0.05 0.00	22.74 0.11 0.00	22.38 0.09 0.00	23.37 0.09 0.00	27.65 0.12 0.00	25.30 0.13 0.00	26.11 0.10 0.00	25.05 0.09 0.00	28.51 0.08 0.00	29.27 0.13 0.00	33.96 0.19 0.00	36.03 0.13 0.00	29.29 0.02 0.00	26.85 0.00 0.00	23.91 -0.05 0.00	24.16 -0.17 0.00	23.66 -0.27 0.00
WATSON___69_KV_BK 1 55734	20.87 1.29 0.00	20.62 1.23 0.00	21.75 1.21 0.00	21.22 1.17 0.00	20.75 1.16 0.00	21.60 1.34 0.00	25.62 1.77 0.00	26.44 1.91 0.00	24.49 1.87 0.00	24.08 1.79 0.00	31.62 2.10 -6.25	32.09 2.50 -2.05	29.80 2.32 -2.31	35.19 2.38 -6.79	28.01 2.24 -0.81	31.11 2.58 -0.10	45.21 2.86 -13.21	52.81 3.31 -15.72	39.26 3.36 0.00	31.92 2.66 0.00	29.59 2.44 -0.30	25.93 1.97 0.00	26.12 1.79 0.00	25.75 1.82 0.00
WDELAWARE___HYD 323627	19.92 0.34 0.00	19.70 0.31 0.00	20.81 0.28 0.00	20.35 0.30 0.00	19.88 0.30 0.00	20.67 0.41 0.00	24.45 0.61 0.00	25.35 0.83 0.00	23.40 0.77 0.00	23.00 0.71 0.00	24.08 0.81 0.00	28.49 0.96 0.00	26.06 0.89 0.00	26.92 0.90 0.00	25.87 0.91 0.00	29.49 1.07 0.00	30.41 1.27 0.00	35.26 1.49 0.00	37.43 1.54 0.00	30.53 1.26 0.00	27.91 1.06 0.00	24.80 0.84 0.00	25.01 0.68 0.00	24.52 0.59 0.00
WEST BABYLON___IC 23714	20.78 1.20 0.00	20.53 1.14 0.00	21.66 1.13 0.00	21.14 1.09 0.00	20.67 1.08 0.00	21.51 1.25 0.00	25.50 1.65 0.00	26.33 1.80 0.00	24.39 1.77 0.00	23.98 1.69 0.00	31.51 1.99 -6.25	31.96 2.38 -2.05	29.67 2.19 -2.31	35.07 2.26 -6.79	27.91 2.13 -0.81	30.97 2.44 -0.10	45.07 2.71 -13.21	52.65 3.15 -15.72	39.10 3.20 0.00	31.81 2.54 0.00	29.47 2.32 -0.30	25.84 1.88 0.00	26.02 1.69 0.00	25.63 1.70 0.00
WEST CANADA___HYD 24049	19.54 -0.04 0.00	19.35 -0.04 0.00	20.49 -0.04 0.00	20.01 -0.04 0.00	19.55 -0.03 0.00	20.25 -0.01 0.00	23.85 0.00 0.00	24.55 0.02 0.00	22.67 0.04 0.00	22.33 0.04 0.00	23.32 0.05 0.00	27.59 0.05 0.00	25.23 0.06 0.00	26.07 0.05 0.00	25.02 0.05 0.00	28.47 0.04 0.00	29.22 0.08 0.00	33.87 0.09 0.00	35.96 0.07 0.00	29.29 0.03 0.00	26.85 0.00 0.00	23.94 -0.01 0.00	24.28 -0.05 0.00	23.88 -0.05 0.00
WESTERN_NY_WIND 24143	18.88 -0.70 0.00	18.76 -0.62 0.00	19.96 -0.57 0.00	19.53 -0.52 0.00	19.26 -0.33 0.00	19.84 -0.41 0.00	23.29 -0.56 0.00	23.79 -0.74 0.00	21.72 -0.90 0.00	21.49 -0.80 0.00	22.43 -0.84 0.00	26.41 -1.12 0.00	24.13 -1.03 0.00	25.05 -0.96 0.00	24.03 -0.93 0.00	27.46 -0.97 0.00	27.87 -1.27 0.00	32.21 -1.56 0.00	34.10 -1.80 0.00	27.85 -1.41 0.00	25.61 -1.24 0.00	22.99 -0.96 0.00	23.96 -0.37 0.00	23.76 -0.17 0.00
WESTOVER___LESR 323668	19.36 -0.21 0.00	19.19 -0.20 0.00	20.32 -0.20 0.00	19.87 -0.18 0.00	19.46 -0.12 0.00	20.17 -0.09 0.00	23.75 -0.10 0.00	24.51 -0.02 0.00	22.55 -0.08 0.00	22.17 -0.12 0.00	23.12 -0.15 0.00	27.33 -0.20 0.00	25.00 -0.16 0.00	25.81 -0.20 0.00	24.76 -0.21 0.00	28.26 -0.16 0.00	28.93 -0.21 0.00	33.61 -0.17 0.00	35.70 -0.20 0.00	29.18 -0.09 0.00	26.69 -0.16 0.00	23.88 -0.07 0.00	24.35 0.02 0.00	23.90 -0.03 0.00
WETHRSFD_WT_PWR 323626	18.52 -1.05 0.00	18.45 -0.93 0.00	19.64 -0.89 0.00	19.23 -0.82 0.00	18.94 -0.63 0.01	19.54 -0.72 0.00	22.88 -0.97 0.00	23.48 -1.05 0.00	21.42 -1.20 0.00	21.08 -1.21 0.00	22.03 -1.24 0.00	26.00 -1.53 0.00	23.78 -1.38 0.00	24.60 -1.42 0.00	23.56 -1.40 0.00	26.98 -1.40 0.05	27.35 -1.79 0.00	31.60 -2.18 0.00	33.73 -2.16 0.00	27.67 -1.60 0.00	25.40 -1.45 0.00	22.85 -1.11 0.00	23.70 -0.63 0.00	23.52 -0.42 0.00
WHAVSTOR_138KV_BK127 55557	20.02 0.44 0.00	19.81 0.43 0.00	20.93 0.40 0.00	20.48 0.43 0.00	19.99 0.41 0.00	20.78 0.52 0.00	24.57 0.72 0.00	25.44 0.91 0.00	23.47 0.85 0.00	23.07 0.78 0.00	24.16 0.89 0.00	28.61 1.08 0.00	26.18 1.02 0.00	27.03 1.01 0.00	25.97 1.00 0.00	29.56 1.14 0.00	30.46 1.31 0.00	35.31 1.53 0.00	37.45 1.55 0.00	30.55 1.29 0.00	27.93 1.08 0.00	24.83 0.87 0.00	25.05 0.72 0.00	24.59 0.65 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.02 0.44 0.00	19.81 0.43 0.00	20.93 0.40 0.00	20.48 0.43 0.00	19.99 0.41 0.00	20.78 0.52 0.00	24.57 0.72 0.00	25.44 0.91 0.00	23.47 0.85 0.00	23.07 0.78 0.00	24.16 0.89 0.00	28.61 1.08 0.00	26.18 1.02 0.00	27.03 1.01 0.00	25.97 1.00 0.00	29.56 1.14 0.00	30.46 1.31 0.00	35.31 1.53 0.00	37.45 1.55 0.00	30.55 1.29 0.00	27.93 1.08 0.00	24.83 0.87 0.00	25.05 0.72 0.00	24.59 0.65 0.00
WHITEHAL_115KV_TB1 80871	20.56 0.98 0.00	20.26 0.88 0.00	21.46 0.93 0.00	20.95 0.90 0.00	20.45 0.86 0.00	21.43 1.17 0.00	25.50 1.65 0.00	26.43 1.90 0.00	24.53 1.90 0.00	24.25 1.95 0.00	25.35 2.08 0.00	30.01 2.48 0.00	27.48 2.31 0.00	28.37 2.35 0.00	27.00 2.04 0.00	30.76 2.34 0.00	31.99 2.84 0.00	37.19 3.41 0.00	39.09 3.19 0.00	31.26 2.00 0.00	28.55 1.70 0.00	25.45 1.49 0.00	25.65 1.32 0.00	25.17 1.23 0.00

WHITEPLN_13_KV_LOAD 356215	20.24 0.66 0.00	20.02 0.64 0.00	21.15 0.62 0.00	20.69 0.64 0.00	20.20 0.62 0.00	21.00 0.74 0.00	24.84 1.00 0.00	25.76 1.23 0.00	23.78 1.16 0.00	23.41 1.12 0.00	24.52 1.25 0.00	29.04 1.52 0.00	26.59 1.43 0.00	27.46 1.45 0.00	26.37 1.41 0.00	30.03 1.61 0.00	30.95 1.80 0.00	35.88 2.10 0.00	38.02 2.12 0.00	31.00 1.73 0.00	28.33 1.48 0.00	25.17 1.21 0.00	25.36 1.03 0.00	24.88 0.94 0.00
WM_FLOYD_69_KV_BK2 356380	20.86 1.28 0.00	20.59 1.21 0.00	21.72 1.19 0.00	21.21 1.16 0.00	20.73 1.15 0.00	21.59 1.33 0.00	25.56 1.71 0.00	26.26 1.73 0.00	24.34 1.71 0.00	23.86 1.57 0.00	31.42 1.90 -6.25	31.85 2.27 -2.05	29.51 2.04 -2.31	34.87 2.06 -6.79	27.63 1.86 -0.81	30.67 2.14 -0.10	44.82 2.47 -13.21	52.52 3.03 -15.72	38.87 2.97 0.00	31.49 2.23 0.00	29.35 2.20 -0.30	25.66 1.70 0.00	25.81 1.48 0.00	25.65 1.71 0.00
WOODARD__115KV_TB2 355635	19.20 -0.38 0.00	19.01 -0.37 0.00	20.15 -0.38 0.00	19.69 -0.36 0.00	19.25 -0.34 0.00	19.90 -0.36 0.00	23.37 -0.48 0.00	24.00 -0.53 0.00	22.14 -0.49 0.00	21.80 -0.49 0.00	22.71 -0.55 0.00	26.84 -0.69 0.00	24.54 -0.62 0.00	25.37 -0.65 0.00	24.35 -0.61 0.00	27.75 -0.68 0.00	28.45 -0.69 0.00	32.99 -0.79 0.00	34.99 -0.90 0.00	28.57 -0.70 0.00	26.23 -0.62 0.00	23.42 -0.54 0.00	23.91 -0.42 0.00	23.56 -0.37 0.00
YORK___WARBASSE 23770	20.31 0.74 0.00	20.11 0.73 0.00	21.24 0.71 0.00	20.80 0.75 0.00	20.29 0.70 0.00	21.09 0.83 0.00	24.96 1.11 0.00	25.86 1.33 0.00	23.83 1.21 0.00	23.43 1.14 0.00	24.54 1.27 0.00	29.07 1.54 0.00	26.61 1.44 0.00	56.76 1.42 -29.31	53.95 1.39 -27.60	151.30 1.60 -121.28	322.27 1.80 -291.33	62.37 2.05 -26.54	100.81 2.09 -62.83	170.80 1.79 -139.75	61.23 1.47 -32.91	79.76 1.22 -54.58	25.37 1.04 -0.01	24.87 0.93 0.00