

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/19/2023

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	19.48	18.29	18.13	17.49	19.76	21.68	25.18	33.59	23.74	20.52	25.15	23.99	24.27	26.32	27.39	26.91	30.94	37.77	40.39	33.59	45.87	42.11	29.34	27.12
24138	0.90	0.81	0.78	0.74	0.81	0.97	1.20	1.95	1.09	0.87	1.33	1.38	1.40	1.40	1.44	1.54	2.17	3.04	2.68	2.14	2.53	2.36	1.64	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.51	18.31	18.15	17.52	19.79	21.71	25.22	33.60	23.74	20.51	25.12	23.95	24.20	26.25	27.32	26.83	30.84	37.65	40.27	33.52	45.78	42.04	29.33	27.14
24260	0.92	0.84	0.81	0.77	0.84	1.00	1.24	1.96	1.09	0.87	1.30	1.34	1.33	1.33	1.36	1.46	2.07	2.92	2.57	2.07	2.43	2.29	1.63	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.51	18.31	18.15	17.52	19.79	21.71	25.22	33.60	23.74	20.51	25.12	23.95	24.20	26.25	27.32	26.83	30.84	37.65	40.27	33.52	45.78	42.04	29.33	27.14
24261	0.92	0.84	0.81	0.77	0.84	1.00	1.24	1.96	1.09	0.87	1.30	1.34	1.33	1.33	1.36	1.46	2.07	2.92	2.57	2.07	2.43	2.29	1.63	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	19.51	18.36	18.31	17.71	20.11	22.06	25.76	34.07	24.24	20.93	25.42	24.10	24.40	26.68	27.95	27.40	31.35	38.21	41.20	34.11	46.60	42.40	29.43	27.15
24011	0.93	0.89	0.96	0.97	1.15	1.35	1.78	2.42	1.59	1.29	1.60	1.49	1.53	1.76	1.99	2.04	2.58	3.47	3.50	2.66	3.26	2.65	1.73	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	19.60	18.45	18.42	17.82	20.24	22.24	26.00	34.37	24.44	21.10	25.65	24.30	24.59	26.89	28.23	27.68	31.69	38.66	41.64	34.43	46.91	42.63	29.59	27.31
23798	1.02	0.98	1.08	1.07	1.29	1.53	2.02	2.73	1.79	1.46	1.83	1.69	1.71	1.97	2.27	2.31	2.92	3.92	3.93	2.97	3.57	2.88	1.90	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	19.51	18.36	18.31	17.71	20.11	22.06	25.76	34.07	24.24	20.93	25.42	24.10	24.40	26.68	27.95	27.40	31.35	38.21	41.20	34.11	46.60	42.40	29.43	27.15
24028	0.93	0.89	0.96	0.97	1.15	1.35	1.78	2.42	1.59	1.29	1.60	1.49	1.53	1.76	1.99	2.04	2.58	3.47	3.50	2.66	3.26	2.65	1.73	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.22	18.14	18.06	17.44	19.75	21.50	24.95	32.93	23.41	20.22	24.55	23.28	23.56	25.78	27.00	26.53	30.16	36.90	39.80	32.93	45.34	41.30	28.65	26.46
23527	0.64	0.67	0.72	0.69	0.80	0.79	0.97	1.28	0.76	0.58	0.73	0.67	0.69	0.86	1.05	1.16	1.39	2.17	2.10	1.47	2.00	1.55	0.95	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	18.65	17.58	17.45	16.86	19.03	20.78	24.09	31.86	22.69	19.64	23.89	22.70	22.97	25.06	26.16	25.66	29.26	35.58	38.40	31.88	43.73	39.97	27.79	25.67
24190	0.06	0.11	0.11	0.12	0.08	0.07	0.11	0.21	0.04	-0.01	0.06	0.09	0.09	0.13	0.21	0.30	0.50	0.84	0.69	0.42	0.39	0.22	0.09	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	18.79	17.67	17.54	16.95	19.19	20.95	24.29	31.94	22.93	19.91	23.96	22.71	22.99	25.07	26.15	25.43	28.47	34.06	37.45	31.43	43.65	40.21	28.06	25.90
355683	0.20	0.20	0.20	0.20	0.24	0.24	0.31	0.30	0.28	0.27	0.14	0.10	0.11	0.15	0.19	0.06	-0.30	-0.68	-0.26	-0.03	0.31	0.46	0.36	0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.97	17.88	17.75	17.15	19.38	21.18	24.58	32.49	23.15	20.00	24.29	23.07	23.36	25.51	26.68	26.16	29.85	36.26	39.19	32.50	44.60	40.79	28.37	26.21
323833	0.38	0.40	0.41	0.40	0.43	0.47	0.60	0.85	0.51	0.35	0.46	0.46	0.49	0.59	0.72	0.80	1.08	1.52	1.47	1.05	1.26	1.04	0.67	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.96	17.87	17.75	17.15	19.38	21.18	24.58	32.48	23.15	19.99	24.28	23.07	23.36	25.51	26.67	26.16	29.85	36.25	39.18	32.49	44.59	40.78	28.37	26.20
323834	0.38	0.40	0.41	0.40	0.43	0.47	0.59	0.84	0.51	0.35	0.46	0.46	0.48	0.59	0.71	0.79	1.08	1.51	1.47	1.04	1.25	1.03	0.67	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	18.65	17.58	17.45	16.86	19.03	20.78	24.09	31.86	22.69	19.64	23.89	22.70	22.97	25.06	26.16	25.66	29.26	35.58	38.40	31.88	43.73	39.97	27.79	25.67
23571	0.06	0.11	0.11	0.12	0.08	0.07	0.11	0.21	0.04	-0.01	0.06	0.09	0.09	0.13	0.21	0.30	0.50	0.84	0.69	0.42	0.39	0.22	0.09	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.65 0.06 0.00	17.58 0.11 0.00	17.45 0.11 0.00	16.86 0.12 0.00	19.03 0.08 0.00	20.78 0.07 0.00	24.09 0.11 0.00	31.86 0.21 0.00	22.69 0.04 0.00	19.64 -0.01 0.00	23.89 0.06 0.00	22.70 0.09 0.00	22.97 0.09 0.00	25.06 0.13 0.00	26.16 0.21 0.00	25.66 0.30 0.00	29.26 0.50 0.00	35.58 0.84 0.00	38.40 0.69 0.00	31.88 0.42 0.00	43.73 0.39 0.00	39.97 0.22 0.00	27.79 0.09 0.00	25.67 0.05 0.00
ALBANY___3 23573	18.65 0.06 0.00	17.58 0.11 0.00	17.45 0.11 0.00	16.86 0.12 0.00	19.03 0.08 0.00	20.78 0.07 0.00	24.09 0.11 0.00	31.86 0.21 0.00	22.69 0.04 0.00	19.64 -0.01 0.00	23.89 0.06 0.00	22.70 0.09 0.00	22.97 0.09 0.00	25.06 0.13 0.00	26.16 0.21 0.00	25.66 0.30 0.00	29.26 0.50 0.00	35.58 0.84 0.00	38.40 0.69 0.00	31.88 0.42 0.00	43.73 0.39 0.00	39.97 0.22 0.00	27.79 0.09 0.00	25.67 0.05 0.00
ALBANY___4 23574	18.65 0.06 0.00	17.58 0.11 0.00	17.45 0.11 0.00	16.86 0.12 0.00	19.03 0.08 0.00	20.78 0.07 0.00	24.09 0.11 0.00	31.86 0.21 0.00	22.69 0.04 0.00	19.64 -0.01 0.00	23.89 0.06 0.00	22.70 0.09 0.00	22.97 0.09 0.00	25.06 0.13 0.00	26.16 0.21 0.00	25.66 0.30 0.00	29.26 0.50 0.00	35.58 0.84 0.00	38.40 0.69 0.00	31.88 0.42 0.00	43.73 0.39 0.00	39.97 0.22 0.00	27.79 0.09 0.00	25.67 0.05 0.00
ALBANY___LFGE 323615	18.83 0.24 0.00	17.74 0.27 0.00	17.62 0.28 0.00	17.02 0.27 0.00	19.22 0.26 0.00	21.00 0.29 0.00	24.35 0.37 0.00	32.21 0.57 0.00	22.94 0.29 0.00	19.86 0.21 0.00	24.15 0.33 0.00	22.95 0.34 0.00	23.23 0.36 0.00	25.34 0.42 0.00	26.47 0.51 0.00	25.97 0.60 0.00	29.62 0.85 0.00	36.00 1.26 0.00	38.86 1.15 0.00	32.25 0.80 0.00	44.23 0.89 0.00	40.41 0.65 0.00	28.09 0.40 0.00	25.94 0.32 0.00
ALCOA_PA_115KV_PL-6C 55860	18.91 0.32 0.00	17.78 0.31 0.00	17.66 0.32 0.00	17.06 0.32 0.00	19.32 0.37 0.00	21.10 0.39 0.00	24.45 0.47 0.00	32.05 0.41 0.00	23.02 0.37 0.00	20.03 0.39 0.00	24.11 0.29 0.00	22.85 0.24 0.00	23.12 0.24 0.00	25.22 0.30 0.00	26.30 0.34 0.00	25.50 0.13 0.00	28.54 -0.22 0.00	34.14 -0.59 0.00	37.55 -0.16 0.00	31.55 0.09 0.00	43.80 0.46 0.00	40.37 0.62 0.00	28.24 0.55 0.00	26.06 0.44 0.00
ALCOA_RYNLDS___DRP 24188	18.91 0.32 0.00	17.78 0.31 0.00	17.66 0.32 0.00	17.06 0.32 0.00	19.32 0.37 0.00	21.10 0.39 0.00	24.45 0.47 0.00	32.05 0.41 0.00	23.02 0.37 0.00	20.03 0.39 0.00	24.11 0.29 0.00	22.85 0.24 0.00	23.12 0.24 0.00	25.22 0.30 0.00	26.30 0.34 0.00	25.50 0.13 0.00	28.54 -0.22 0.00	34.14 -0.59 0.00	37.55 -0.16 0.00	31.55 0.09 0.00	43.80 0.46 0.00	40.37 0.62 0.00	28.24 0.55 0.00	26.06 0.44 0.00
ALCOA___DSASP 323711	18.91 0.32 0.00	17.78 0.31 0.00	17.66 0.32 0.00	17.06 0.32 0.00	19.32 0.37 0.00	21.10 0.39 0.00	24.45 0.47 0.00	32.06 0.41 0.00	23.01 0.37 0.00	20.03 0.39 0.00	24.11 0.28 0.00	22.85 0.24 0.00	23.12 0.24 0.00	25.22 0.30 0.00	26.30 0.34 0.00	25.50 0.13 0.00	28.54 -0.23 0.00	34.14 -0.59 0.00	37.55 -0.16 0.00	31.55 0.09 0.00	43.80 0.46 0.00	40.37 0.62 0.00	28.24 0.54 0.00	26.06 0.44 0.00
ALLEGHENY___COGEN 23514	18.07 -0.52 0.00	16.94 -0.53 0.00	16.72 -0.63 0.00	16.18 -0.57 0.00	18.35 -0.60 0.00	20.11 -0.60 0.00	23.39 -0.59 0.00	31.25 -0.40 -0.01	22.55 -0.10 0.00	19.60 -0.04 0.00	23.77 -0.05 0.00	22.35 -0.26 0.00	22.59 -0.28 0.00	24.68 -0.24 0.00	25.74 -0.22 0.00	25.13 -0.23 0.00	28.98 0.21 0.00	35.48 0.74 0.00	38.25 0.54 0.00	31.84 0.39 0.00	43.36 0.02 0.00	39.37 -0.38 0.00	27.50 -0.20 0.00	25.35 -0.28 0.00
ALTAMONT_115KV_TB 2 55880	18.88 0.29 0.00	17.77 0.30 0.00	17.64 0.30 0.00	17.04 0.30 0.00	19.27 0.31 0.00	21.06 0.35 0.00	24.42 0.44 0.00	32.30 0.66 0.00	23.01 0.36 0.00	19.91 0.26 0.00	24.21 0.39 0.00	23.00 0.39 0.00	23.28 0.40 0.00	25.38 0.45 0.00	26.49 0.53 0.00	25.97 0.61 0.00	29.63 0.87 0.00	36.00 1.27 0.00	38.88 1.17 0.00	32.30 0.85 0.00	44.33 0.98 0.00	40.53 0.78 0.00	28.20 0.50 0.00	26.06 0.43 0.00
ALTONA_WT_PWR 323606	18.63 0.05 0.00	17.66 0.18 0.00	17.66 0.31 0.00	17.14 0.39 0.00	19.46 0.51 0.00	21.35 0.64 0.00	24.80 0.82 0.00	32.43 0.78 0.00	22.98 0.33 0.00	19.71 0.06 0.00	23.64 -0.19 0.00	22.49 -0.12 0.00	22.78 -0.09 0.00	24.86 -0.06 0.00	26.10 0.14 0.00	25.49 0.12 0.00	28.44 -0.33 0.00	34.33 -0.41 0.00	37.68 -0.03 0.00	31.77 0.32 0.00	44.27 0.93 0.00	40.84 1.09 0.00	28.31 0.61 0.00	25.90 0.28 0.00
AMERICAN_REF_FUEL 24010	16.81 -1.77 0.00	15.69 -1.78 0.00	15.50 -1.84 0.00	15.01 -1.73 0.00	16.94 -2.01 0.00	18.46 -2.25 0.00	21.25 -2.73 0.00	28.18 -3.47 0.00	20.55 -2.10 0.00	17.94 -1.70 0.00	21.73 -2.10 0.00	20.40 -2.22 0.00	20.71 -2.16 0.00	22.65 -2.27 0.00	23.63 -2.32 0.00	22.93 -2.43 0.00	26.17 -2.60 0.00	31.57 -3.16 0.00	30.97 -3.73 3.01	28.02 -3.04 0.40	38.23 -4.64 0.47	34.85 -4.63 0.27	24.85 -2.84 0.00	23.14 -2.49 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.26 -1.33 0.00	16.13 -1.35 0.00	16.00 -1.35 0.00	15.41 -1.34 0.00	17.36 -1.60 0.00	18.97 -1.74 0.00	22.09 -1.89 0.00	29.31 -2.33 0.00	21.28 -1.37 0.00	18.51 -1.13 0.00	22.67 -1.16 0.00	21.30 -1.31 0.00	21.78 -1.09 0.00	23.84 -1.08 0.00	24.83 -1.13 0.00	24.06 -1.31 0.00	27.92 -0.85 0.00	33.89 -0.84 0.00	32.15 -1.29 4.27	29.87 -1.01 0.57	40.27 -2.41 0.67	36.65 -2.71 0.39	25.94 -1.76 0.00	24.08 -1.54 0.00
ARTHUR KILL_GT_1 23520	19.49 0.91 0.00	18.31 0.84 0.00	18.17 0.82 0.00	17.51 0.76 0.00	19.80 0.85 0.00	21.76 1.05 0.00	25.23 1.25 0.00	33.54 1.89 0.00	23.62 0.97 0.00	20.40 0.75 0.00	24.96 1.13 0.00	23.81 1.20 0.00	24.04 1.17 0.00	26.11 1.19 0.00	27.14 1.18 0.00	26.63 1.26 0.00	30.64 1.87 0.00	37.38 2.65 0.00	39.95 2.25 0.00	33.32 1.87 0.00	45.49 2.15 0.00	41.77 2.02 0.00	29.11 1.42 0.00	26.91 1.29 0.00
ARTHUR_KILL_2 23512	19.44 0.86 0.00	18.27 0.80 0.00	18.12 0.78 0.00	17.46 0.72 0.00	19.75 0.80 0.00	21.70 0.99 0.00	25.15 1.17 0.00	33.43 1.79 0.00	23.55 0.90 0.00	20.34 0.70 0.00	24.89 1.06 0.00	23.75 1.14 0.00	23.98 1.11 0.00	26.04 1.12 0.00	27.06 1.10 0.00	26.55 1.18 0.00	30.54 1.77 0.00	37.27 2.53 0.00	39.82 2.11 0.00	33.20 1.75 0.00	45.34 1.99 0.00	41.63 1.88 0.00	29.02 1.33 0.00	26.83 1.20 0.00
ARTHUR_KILL_3 23513	19.30 0.72 0.00	18.12 0.65 0.00	17.96 0.62 0.00	17.32 0.58 0.00	19.58 0.63 0.00	21.49 0.78 0.00	24.96 0.97 0.00	33.25 1.61 0.00	23.48 0.84 0.00	20.29 0.65 0.00	24.84 1.02 0.00	23.69 1.08 0.00	23.95 1.07 0.00	25.95 1.03 0.00	27.01 1.06 0.00	26.53 1.16 0.00	30.54 1.77 0.00	37.28 2.55 0.00	39.85 2.15 0.00	33.17 1.71 0.00	45.33 1.98 0.00	41.65 1.90 0.00	29.00 1.31 0.00	26.82 1.19 0.00

ARTHUR_KILL_COGEN 323718	19.49 0.91 0.00	18.31 0.84 0.00	18.17 0.82 0.00	17.51 0.76 0.00	19.80 0.85 0.00	21.76 1.05 0.00	25.23 1.25 0.00	33.54 1.89 0.00	23.62 0.97 0.00	20.40 0.75 0.00	24.96 1.13 0.00	23.81 1.20 0.00	24.04 1.17 0.00	26.11 1.19 0.00	27.14 1.18 0.00	26.63 1.26 0.00	30.64 1.87 0.00	37.38 2.65 0.00	39.95 2.25 0.00	33.32 1.87 0.00	45.49 2.15 0.00	41.77 2.02 0.00	29.11 1.42 0.00	26.91 1.29 0.00
ASHOKAN____ 23654	19.32 0.73 0.00	18.17 0.70 0.00	18.05 0.70 0.00	17.43 0.68 0.00	19.72 0.76 0.00	21.61 0.90 0.00	25.16 1.18 0.00	33.37 1.73 0.00	23.86 1.21 0.00	20.80 1.16 0.00	25.35 1.52 0.00	24.11 1.50 0.00	24.41 1.54 0.00	26.43 1.51 0.00	27.28 1.33 0.00	26.83 1.46 0.00	30.76 1.98 0.00	37.44 2.70 0.00	40.41 2.70 0.00	33.57 2.11 0.00	45.93 2.58 0.00	41.92 2.17 0.00	29.06 1.36 0.00	26.75 1.13 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.45 0.87 0.00	18.27 0.80 0.00	18.11 0.77 0.00	17.47 0.72 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.13 1.15 0.00	33.44 1.79 0.00	23.64 0.99 0.00	20.43 0.79 0.00	25.10 1.28 0.00	23.87 1.26 0.00	24.12 1.24 0.00	26.14 1.22 0.00	27.14 1.19 0.00	26.64 1.27 0.00	30.64 1.87 0.00	37.41 2.67 0.00	40.00 2.30 0.00	33.33 1.88 0.00	45.51 2.17 0.00	41.80 2.05 0.00	29.14 1.44 0.00	26.95 1.33 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.45 0.87 0.00	18.27 0.80 0.00	18.11 0.77 0.00	17.47 0.72 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.13 1.15 0.00	33.44 1.79 0.00	23.64 0.99 0.00	20.43 0.79 0.00	25.10 1.27 0.00	23.87 1.26 0.00	24.12 1.24 0.00	26.14 1.21 0.00	27.14 1.19 0.00	26.64 1.27 0.00	30.64 1.87 0.00	37.41 2.67 0.00	40.00 2.30 0.00	33.33 1.88 0.00	45.51 2.17 0.00	41.80 2.05 0.00	29.14 1.44 0.00	26.95 1.33 0.00
ASTORIA_GT2_1 24094	19.46 0.87 0.00	18.28 0.81 0.00	18.11 0.77 0.00	17.48 0.73 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.14 1.16 0.00	33.46 1.81 0.00	23.64 0.99 0.00	20.44 0.80 0.00	25.11 1.29 0.00	23.88 1.27 0.00	24.13 1.25 0.00	26.15 1.23 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.44 2.70 0.00	40.02 2.31 0.00	33.36 1.90 0.00	45.54 2.20 0.00	41.83 2.08 0.00	29.15 1.45 0.00	26.96 1.34 0.00
ASTORIA_GT2_2 24095	19.46 0.87 0.00	18.28 0.81 0.00	18.11 0.77 0.00	17.48 0.73 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.14 1.16 0.00	33.46 1.81 0.00	23.64 0.99 0.00	20.44 0.80 0.00	25.11 1.29 0.00	23.88 1.27 0.00	24.13 1.25 0.00	26.15 1.23 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.44 2.70 0.00	40.02 2.31 0.00	33.36 1.90 0.00	45.54 2.20 0.00	41.83 2.08 0.00	29.15 1.45 0.00	26.96 1.34 0.00
ASTORIA_GT2_3 24096	19.46 0.87 0.00	18.28 0.81 0.00	18.11 0.77 0.00	17.48 0.73 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.14 1.16 0.00	33.46 1.81 0.00	23.64 0.99 0.00	20.44 0.80 0.00	25.11 1.29 0.00	23.88 1.27 0.00	24.13 1.25 0.00	26.15 1.23 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.44 2.70 0.00	40.02 2.31 0.00	33.36 1.90 0.00	45.54 2.20 0.00	41.83 2.08 0.00	29.15 1.45 0.00	26.96 1.34 0.00
ASTORIA_GT2_4 24097	19.46 0.87 0.00	18.28 0.81 0.00	18.11 0.77 0.00	17.48 0.73 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.14 1.16 0.00	33.46 1.81 0.00	23.64 0.99 0.00	20.44 0.80 0.00	25.11 1.29 0.00	23.88 1.27 0.00	24.13 1.25 0.00	26.15 1.23 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.44 2.70 0.00	40.02 2.31 0.00	33.36 1.90 0.00	45.54 2.20 0.00	41.83 2.08 0.00	29.15 1.45 0.00	26.96 1.34 0.00
ASTORIA_GT3_1 24098	19.46 0.87 0.00	18.28 0.81 0.00	18.11 0.77 0.00	17.48 0.73 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.14 1.16 0.00	33.46 1.81 0.00	23.64 0.99 0.00	20.44 0.80 0.00	25.11 1.29 0.00	23.88 1.27 0.00	24.13 1.25 0.00	26.15 1.23 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.44 2.70 0.00	40.02 2.31 0.00	33.36 1.90 0.00	45.54 2.20 0.00	41.83 2.08 0.00	29.15 1.45 0.00	26.96 1.34 0.00
ASTORIA_GT3_2 24099	19.46 0.87 0.00	18.28 0.81 0.00	18.11 0.77 0.00	17.48 0.73 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.14 1.16 0.00	33.46 1.81 0.00	23.64 0.99 0.00	20.44 0.80 0.00	25.11 1.29 0.00	23.88 1.27 0.00	24.13 1.25 0.00	26.15 1.23 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.44 2.70 0.00	40.02 2.31 0.00	33.36 1.90 0.00	45.54 2.20 0.00	41.83 2.08 0.00	29.15 1.45 0.00	26.96 1.34 0.00
ASTORIA_GT3_3 24100	19.46 0.87 0.00	18.28 0.81 0.00	18.11 0.77 0.00	17.48 0.73 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.14 1.16 0.00	33.46 1.81 0.00	23.64 0.99 0.00	20.44 0.80 0.00	25.11 1.29 0.00	23.88 1.27 0.00	24.13 1.25 0.00	26.15 1.23 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.44 2.70 0.00	40.02 2.31 0.00	33.36 1.90 0.00	45.54 2.20 0.00	41.83 2.08 0.00	29.15 1.45 0.00	26.96 1.34 0.00
ASTORIA_GT3_4 24101	19.46 0.87 0.00	18.28 0.81 0.00	18.11 0.77 0.00	17.48 0.73 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.14 1.16 0.00	33.46 1.81 0.00	23.64 0.99 0.00	20.44 0.80 0.00	25.11 1.29 0.00	23.88 1.27 0.00	24.13 1.25 0.00	26.15 1.23 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.44 2.70 0.00	40.02 2.31 0.00	33.36 1.90 0.00	45.54 2.20 0.00	41.83 2.08 0.00	29.15 1.45 0.00	26.96 1.34 0.00
ASTORIA_GT4_1 24102	19.46 0.87 0.00	18.28 0.81 0.00	18.11 0.77 0.00	17.48 0.73 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.14 1.16 0.00	33.46 1.81 0.00	23.64 0.99 0.00	20.44 0.80 0.00	25.11 1.29 0.00	23.88 1.27 0.00	24.13 1.25 0.00	26.15 1.23 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.44 2.70 0.00	40.02 2.31 0.00	33.36 1.90 0.00	45.54 2.20 0.00	41.83 2.08 0.00	29.15 1.45 0.00	26.96 1.34 0.00
ASTORIA_GT4_2 24103	19.46 0.87 0.00	18.28 0.81 0.00	18.11 0.77 0.00	17.48 0.73 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.14 1.16 0.00	33.46 1.81 0.00	23.64 0.99 0.00	20.44 0.80 0.00	25.11 1.29 0.00	23.88 1.27 0.00	24.13 1.25 0.00	26.15 1.23 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.44 2.70 0.00	40.02 2.31 0.00	33.36 1.90 0.00	45.54 2.20 0.00	41.83 2.08 0.00	29.15 1.45 0.00	26.96 1.34 0.00
ASTORIA_GT4_3 24104	19.46 0.87 0.00	18.28 0.81 0.00	18.11 0.77 0.00	17.48 0.73 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.14 1.16 0.00	33.46 1.81 0.00	23.64 0.99 0.00	20.44 0.80 0.00	25.11 1.29 0.00	23.88 1.27 0.00	24.13 1.25 0.00	26.15 1.23 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.44 2.70 0.00	40.02 2.31 0.00	33.36 1.90 0.00	45.54 2.20 0.00	41.83 2.08 0.00	29.15 1.45 0.00	26.96 1.34 0.00

ASTORIA_GT4_4 24105	19.46 0.87 0.00	18.28 0.81 0.00	18.11 0.77 0.00	17.48 0.73 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.14 1.16 0.00	33.46 1.81 0.00	23.64 0.99 0.00	20.44 0.80 0.00	25.11 1.29 0.00	23.88 1.27 0.00	24.13 1.25 0.00	26.15 1.23 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.44 2.70 0.00	40.02 2.31 0.00	33.36 1.90 0.00	45.54 2.20 0.00	41.83 2.08 0.00	29.15 1.45 0.00	26.96 1.34 0.00
ASTORIA_GT_1 23523	19.49 0.90 0.00	18.30 0.83 0.00	18.14 0.80 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.69 0.99 0.00	25.18 1.20 0.00	33.51 1.87 0.00	23.69 1.05 0.00	20.48 0.84 0.00	25.16 1.33 0.00	23.93 1.32 0.00	24.17 1.30 0.00	26.20 1.28 0.00	27.21 1.25 0.00	26.71 1.34 0.00	30.72 1.95 0.00	37.51 2.77 0.00	40.11 2.40 0.00	33.42 1.96 0.00	45.63 2.29 0.00	41.91 2.16 0.00	29.20 1.51 0.00	27.01 1.39 0.00
ASTORIA_GT_10 24110	19.41 0.82 0.00	18.24 0.76 0.00	18.07 0.72 0.00	17.43 0.69 0.00	19.68 0.73 0.00	21.58 0.87 0.00	25.07 1.09 0.00	33.39 1.75 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.97 1.14 0.00	23.78 1.17 0.00	24.06 1.19 0.00	26.08 1.16 0.00	27.12 1.16 0.00	26.64 1.27 0.00	30.62 1.85 0.00	37.37 2.63 0.00	39.96 2.25 0.00	33.27 1.82 0.00	45.45 2.11 0.00	41.74 1.99 0.00	29.10 1.41 0.00	26.92 1.30 0.00
ASTORIA_GT_11 24225	19.41 0.82 0.00	18.24 0.76 0.00	18.07 0.72 0.00	17.43 0.69 0.00	19.68 0.73 0.00	21.58 0.87 0.00	25.07 1.09 0.00	33.39 1.75 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.97 1.14 0.00	23.78 1.17 0.00	24.06 1.19 0.00	26.08 1.16 0.00	27.12 1.16 0.00	26.64 1.27 0.00	30.62 1.85 0.00	37.37 2.63 0.00	39.96 2.25 0.00	33.27 1.82 0.00	45.45 2.11 0.00	41.74 1.99 0.00	29.10 1.41 0.00	26.92 1.30 0.00
ASTORIA_GT_12 24226	19.41 0.82 0.00	18.24 0.76 0.00	18.07 0.72 0.00	17.43 0.69 0.00	19.68 0.73 0.00	21.58 0.87 0.00	25.07 1.09 0.00	33.39 1.75 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.97 1.14 0.00	23.78 1.17 0.00	24.06 1.19 0.00	26.08 1.16 0.00	27.12 1.16 0.00	26.64 1.27 0.00	30.62 1.85 0.00	37.37 2.63 0.00	39.96 2.25 0.00	33.27 1.82 0.00	45.45 2.11 0.00	41.74 1.99 0.00	29.10 1.41 0.00	26.92 1.30 0.00
ASTORIA_GT_13 24227	19.41 0.82 0.00	18.24 0.76 0.00	18.07 0.72 0.00	17.43 0.69 0.00	19.68 0.73 0.00	21.58 0.87 0.00	25.07 1.09 0.00	33.39 1.75 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.97 1.14 0.00	23.78 1.17 0.00	24.06 1.19 0.00	26.08 1.16 0.00	27.12 1.16 0.00	26.64 1.27 0.00	30.62 1.85 0.00	37.37 2.63 0.00	39.96 2.25 0.00	33.27 1.82 0.00	45.45 2.11 0.00	41.74 1.99 0.00	29.10 1.41 0.00	26.92 1.30 0.00
ASTORIA_GT_5 24106	19.49 0.90 0.00	18.31 0.83 0.00	18.14 0.79 0.00	17.51 0.76 0.00	19.78 0.83 0.00	21.70 0.99 0.00	25.18 1.20 0.00	33.52 1.87 0.00	23.69 1.05 0.00	20.48 0.83 0.00	25.16 1.34 0.00	23.93 1.32 0.00	24.17 1.30 0.00	26.20 1.27 0.00	27.21 1.25 0.00	26.72 1.35 0.00	30.73 1.96 0.00	37.51 2.77 0.00	40.11 2.40 0.00	33.42 1.97 0.00	45.63 2.29 0.00	41.91 2.16 0.00	29.21 1.51 0.00	27.01 1.38 0.00
ASTORIA_GT_7 24107	19.49 0.90 0.00	18.31 0.83 0.00	18.14 0.79 0.00	17.51 0.76 0.00	19.78 0.83 0.00	21.70 0.99 0.00	25.18 1.20 0.00	33.52 1.87 0.00	23.69 1.05 0.00	20.48 0.83 0.00	25.16 1.34 0.00	23.93 1.32 0.00	24.17 1.30 0.00	26.20 1.27 0.00	27.21 1.25 0.00	26.72 1.35 0.00	30.73 1.96 0.00	37.51 2.77 0.00	40.11 2.40 0.00	33.42 1.97 0.00	45.63 2.29 0.00	41.91 2.16 0.00	29.21 1.51 0.00	27.01 1.38 0.00
ASTORIA_GT_8 24108	19.49 0.90 0.00	18.31 0.83 0.00	18.14 0.79 0.00	17.51 0.76 0.00	19.78 0.83 0.00	21.70 0.99 0.00	25.18 1.20 0.00	33.52 1.87 0.00	23.69 1.05 0.00	20.48 0.83 0.00	25.16 1.34 0.00	23.93 1.32 0.00	24.17 1.30 0.00	26.20 1.27 0.00	27.21 1.25 0.00	26.72 1.35 0.00	30.73 1.96 0.00	37.51 2.77 0.00	40.11 2.40 0.00	33.42 1.97 0.00	45.63 2.29 0.00	41.91 2.16 0.00	29.21 1.51 0.00	27.01 1.38 0.00
ASTORIA___2 24149	19.46 0.88 0.00	18.27 0.80 0.00	18.12 0.78 0.00	17.47 0.72 0.00	19.75 0.80 0.00	21.66 0.95 0.00	25.14 1.16 0.00	33.46 1.81 0.00	23.64 1.00 0.00	20.44 0.80 0.00	25.11 1.28 0.00	23.88 1.27 0.00	24.13 1.25 0.00	26.15 1.23 0.00	27.15 1.20 0.00	26.66 1.29 0.00	30.66 1.89 0.00	37.43 2.70 0.00	40.03 2.32 0.00	33.36 1.90 0.00	45.53 2.19 0.00	41.82 2.07 0.00	29.15 1.45 0.00	26.96 1.34 0.00
ASTORIA___3 23516	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.68 0.73 0.00	21.58 0.87 0.00	25.07 1.09 0.00	33.38 1.74 0.00	23.57 0.92 0.00	20.36 0.72 0.00	24.96 1.13 0.00	23.78 1.17 0.00	24.06 1.18 0.00	26.08 1.16 0.00	27.11 1.16 0.00	26.63 1.27 0.00	30.62 1.85 0.00	37.37 2.64 0.00	39.96 2.25 0.00	33.27 1.81 0.00	45.44 2.10 0.00	41.74 1.98 0.00	29.10 1.41 0.00	26.92 1.30 0.00
ASTORIA___4 23517	19.41 0.82 0.00	18.24 0.76 0.00	18.07 0.72 0.00	17.43 0.69 0.00	19.68 0.73 0.00	21.58 0.87 0.00	25.07 1.09 0.00	33.39 1.75 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.96 1.14 0.00	23.78 1.17 0.00	24.06 1.18 0.00	26.08 1.16 0.00	27.12 1.16 0.00	26.64 1.27 0.00	30.62 1.85 0.00	37.37 2.63 0.00	39.96 2.25 0.00	33.27 1.82 0.00	45.45 2.11 0.00	41.74 1.99 0.00	29.10 1.41 0.00	26.92 1.30 0.00
ASTORIA___5 23518	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.68 0.73 0.00	21.58 0.87 0.00	25.07 1.09 0.00	33.38 1.74 0.00	23.57 0.92 0.00	20.36 0.72 0.00	24.96 1.13 0.00	23.78 1.17 0.00	24.06 1.18 0.00	26.08 1.16 0.00	27.11 1.16 0.00	26.63 1.27 0.00	30.62 1.85 0.00	37.37 2.64 0.00	39.96 2.25 0.00	33.26 1.81 0.00	45.44 2.10 0.00	41.73 1.98 0.00	29.10 1.41 0.00	26.92 1.30 0.00
AST_ENERGY_2_CC3 323677	19.37 0.78 0.00	18.19 0.71 0.00	18.04 0.69 0.00	17.39 0.64 0.00	19.65 0.70 0.00	21.55 0.85 0.00	25.01 1.03 0.00	33.31 1.67 0.00	23.53 0.88 0.00	20.34 0.70 0.00	24.92 1.10 0.00	23.76 1.15 0.00	24.02 1.15 0.00	26.03 1.11 0.00	27.08 1.13 0.00	26.60 1.23 0.00	30.59 1.82 0.00	37.34 2.60 0.00	39.93 2.22 0.00	33.24 1.78 0.00	45.38 2.04 0.00	41.69 1.94 0.00	29.08 1.38 0.00	26.89 1.26 0.00
AST_ENERGY_2_CC4 323678	19.37 0.78 0.00	18.19 0.71 0.00	18.04 0.69 0.00	17.39 0.64 0.00	19.65 0.70 0.00	21.55 0.85 0.00	25.01 1.03 0.00	33.31 1.67 0.00	23.53 0.88 0.00	20.34 0.70 0.00	24.92 1.10 0.00	23.76 1.15 0.00	24.02 1.15 0.00	26.03 1.11 0.00	27.08 1.13 0.00	26.60 1.23 0.00	30.59 1.82 0.00	37.34 2.60 0.00	39.93 2.22 0.00	33.24 1.78 0.00	45.38 2.04 0.00	41.69 1.94 0.00	29.08 1.38 0.00	26.89 1.26 0.00

ATHENS_STG_1 23668	19.00 0.42 0.00	17.87 0.40 0.00	17.74 0.40 0.00	17.13 0.38 0.00	19.37 0.42 0.00	21.20 0.49 0.00	24.59 0.60 0.00	32.57 0.93 0.00	23.15 0.51 0.00	20.02 0.38 0.00	24.40 0.58 0.00	23.19 0.58 0.00	23.46 0.58 0.00	25.54 0.62 0.00	26.64 0.69 0.00	26.13 0.76 0.00	29.88 1.11 0.00	36.34 1.61 0.00	39.16 1.45 0.00	32.56 1.11 0.00	44.61 1.27 0.00	40.83 1.08 0.00	28.41 0.71 0.00	26.27 0.64 0.00
ATHENS_STG_2 23670	19.00 0.42 0.00	17.87 0.40 0.00	17.74 0.40 0.00	17.13 0.38 0.00	19.37 0.42 0.00	21.20 0.49 0.00	24.59 0.60 0.00	32.57 0.93 0.00	23.15 0.51 0.00	20.02 0.38 0.00	24.40 0.58 0.00	23.19 0.58 0.00	23.46 0.58 0.00	25.54 0.62 0.00	26.64 0.69 0.00	26.13 0.76 0.00	29.88 1.11 0.00	36.34 1.61 0.00	39.16 1.45 0.00	32.56 1.11 0.00	44.61 1.27 0.00	40.83 1.08 0.00	28.41 0.71 0.00	26.27 0.64 0.00
ATHENS_STG_3 23677	19.00 0.42 0.00	17.87 0.40 0.00	17.74 0.40 0.00	17.13 0.38 0.00	19.37 0.42 0.00	21.20 0.49 0.00	24.59 0.60 0.00	32.57 0.93 0.00	23.15 0.51 0.00	20.02 0.38 0.00	24.40 0.58 0.00	23.19 0.58 0.00	23.46 0.58 0.00	25.54 0.62 0.00	26.64 0.69 0.00	26.13 0.76 0.00	29.88 1.11 0.00	36.34 1.61 0.00	39.16 1.45 0.00	32.56 1.11 0.00	44.61 1.27 0.00	40.83 1.08 0.00	28.41 0.71 0.00	26.27 0.64 0.00
AUBURN___LFGE 323710	18.41 -0.18 0.00	17.28 -0.19 0.00	17.19 -0.16 0.00	16.61 -0.13 0.00	18.74 -0.21 0.00	20.54 -0.17 0.00	23.80 -0.18 0.00	31.48 -0.16 0.00	22.53 -0.12 0.00	19.65 0.00 0.00	23.93 0.11 0.00	22.69 0.08 0.00	22.93 0.06 0.00	24.97 0.05 0.00	25.97 0.01 0.00	25.38 0.01 0.00	28.93 0.16 0.00	35.11 0.37 0.00	37.88 0.17 0.00	31.60 0.14 0.00	43.08 -0.26 0.00	39.44 -0.31 0.00	27.54 -0.16 0.00	25.51 -0.12 0.00
BABYLON_RES_REC 323704	19.86 1.28 0.00	18.66 1.19 0.00	18.50 1.16 0.00	17.85 1.10 0.00	20.09 1.14 0.00	22.03 1.32 0.00	25.56 1.58 0.00	34.07 2.43 0.00	23.98 1.33 0.00	20.70 1.06 0.00	25.51 1.68 0.00	24.26 1.65 0.00	24.33 1.46 0.00	26.46 1.53 0.00	27.73 1.78 0.00	27.32 1.95 0.00	31.36 2.59 0.00	38.27 3.53 0.00	41.01 3.30 0.00	34.20 2.75 0.00	49.53 3.37 -2.82	61.99 3.12 -19.12	29.76 2.06 0.00	28.45 1.93 -0.90
BABYLON__69_KV_BK2 356345	20.05 1.46 0.00	18.84 1.37 0.00	18.67 1.33 0.00	18.02 1.27 0.00	20.28 1.33 0.00	22.25 1.54 0.00	25.81 1.83 0.00	34.39 2.75 0.00	24.19 1.55 0.00	20.87 1.23 0.00	25.72 1.90 0.00	24.51 1.90 0.00	24.55 1.68 0.00	26.72 1.80 0.00	28.02 2.07 0.00	27.62 2.26 0.00	31.70 2.93 0.00	38.66 3.92 0.00	41.42 3.71 0.00	34.61 3.15 0.00	50.08 3.91 -2.82	62.48 3.61 -19.12	30.07 2.37 0.00	28.74 2.21 -0.90
BALL_HILL_WT_PWR 323825	17.36 -1.22 0.00	16.25 -1.22 0.00	16.06 -1.28 0.00	15.51 -1.24 0.00	17.53 -1.42 0.00	19.10 -1.61 0.00	22.08 -1.90 0.00	29.35 -2.29 0.00	21.23 -1.41 0.00	18.50 -1.15 0.00	22.62 -1.20 0.00	21.29 -1.32 0.00	21.67 -1.21 0.00	23.72 -1.20 0.00	24.67 -1.29 0.00	23.95 -1.42 0.00	27.54 -1.23 0.00	33.36 -1.37 0.00	31.92 -1.90 3.89	29.41 -1.53 0.52	40.01 -2.73 0.61	36.49 -2.90 0.36	25.93 -1.77 0.00	24.08 -1.54 0.00
BARON_WINDS___WT_PWR 323822	17.20 -1.38 0.00	16.09 -1.38 0.00	15.95 -1.40 0.00	15.42 -1.33 0.00	17.50 -1.46 0.00	19.11 -1.61 0.00	22.13 -1.85 0.00	29.43 -2.20 0.01	21.11 -1.53 0.00	18.33 -1.31 0.00	22.49 -1.33 0.00	21.23 -1.38 0.00	21.53 -1.34 0.00	23.51 -1.42 0.00	24.45 -1.51 0.00	23.88 -1.49 0.00	27.49 -1.28 0.00	33.69 -1.05 0.00	38.09 -1.54 -1.92	30.47 -1.25 -0.26	41.38 -2.26 -0.30	37.69 -2.24 -0.17	26.27 -1.43 0.00	24.25 -1.37 0.00
BARRETT_IC_1 23704	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.59 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.38 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.48 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.81 -2.82	61.49 2.61 -19.12	29.45 1.75 0.00	28.14 1.61 -0.90
BARRETT_IC_10 23701	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.59 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.38 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.48 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.81 -2.82	61.49 2.61 -19.12	29.45 1.75 0.00	28.14 1.61 -0.90
BARRETT_IC_11 23702	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.59 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.38 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.48 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.81 -2.82	61.49 2.61 -19.12	29.45 1.75 0.00	28.14 1.61 -0.90
BARRETT_IC_12 23703	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.59 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.38 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.48 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.81 -2.82	61.49 2.61 -19.12	29.45 1.75 0.00	28.14 1.61 -0.90
BARRETT_IC_2 23705	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.59 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.38 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.48 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.81 -2.82	61.49 2.61 -19.12	29.45 1.75 0.00	28.14 1.61 -0.90
BARRETT_IC_3 23706	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.59 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.38 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.48 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.81 -2.82	61.49 2.61 -19.12	29.45 1.75 0.00	28.14 1.61 -0.90
BARRETT_IC_4 23707	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.59 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.38 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.48 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.81 -2.82	61.49 2.61 -19.12	29.45 1.75 0.00	28.14 1.61 -0.90

BARRETT_IC_5 23708	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.59 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.38 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.48 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.81 -2.82	61.49 2.61 -19.12	29.45 1.75 0.00	28.14 1.61 -0.90
BARRETT_IC_6 23709	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.59 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.38 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.48 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.81 -2.82	61.49 2.61 -19.12	29.45 1.75 0.00	28.14 1.61 -0.90
BARRETT_IC_7 23710	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.60 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.37 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.49 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.82 -2.82	61.49 2.61 -19.12	29.44 1.75 0.00	28.13 1.61 -0.90
BARRETT_IC_8 23711	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.59 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.38 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.48 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.81 -2.82	61.49 2.61 -19.12	29.45 1.75 0.00	28.14 1.61 -0.90
BARRETT_IC_9 23700	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.59 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.38 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.48 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.81 -2.82	61.49 2.61 -19.12	29.45 1.75 0.00	28.14 1.61 -0.90
BARRETT___1 23545	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.59 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.38 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.48 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.81 -2.82	61.49 2.61 -19.12	29.45 1.75 0.00	28.14 1.61 -0.90
BARRETT___2 23546	19.59 1.00 0.00	18.40 0.93 0.00	18.23 0.89 0.00	17.59 0.85 0.00	19.85 0.90 0.00	21.78 1.07 0.00	25.30 1.32 0.00	33.70 2.06 0.00	23.78 1.13 0.00	20.53 0.89 0.00	25.20 1.38 0.00	24.00 1.39 0.00	24.15 1.28 0.00	26.26 1.34 0.00	27.44 1.48 0.00	27.00 1.63 0.00	30.98 2.21 0.00	37.79 3.06 0.00	40.55 2.84 0.00	33.79 2.34 0.00	48.98 2.81 -2.82	61.49 2.61 -19.12	29.45 1.75 0.00	28.14 1.61 -0.90
BATAVIA___115KV_TB1 55881	17.70 -0.88 0.00	16.53 -0.94 0.00	16.37 -0.97 0.00	15.80 -0.94 0.00	17.89 -1.07 0.00	19.55 -1.16 0.00	22.63 -1.35 0.00	30.07 -1.58 0.00	21.85 -0.80 0.00	19.06 -0.58 0.00	23.13 -0.69 0.00	21.75 -0.86 0.00	22.07 -0.80 0.00	24.10 -0.82 0.00	25.11 -0.84 0.00	24.39 -0.97 0.00	27.90 -0.87 0.00	33.78 -0.96 0.00	36.37 -1.33 0.00	30.36 -1.09 0.00	41.33 -2.02 0.00	37.47 -2.29 0.00	26.36 -1.34 0.00	24.47 -1.16 0.00
BAYONEEC___CTG1 323682	19.38 0.79 0.00	18.20 0.72 0.00	18.05 0.70 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.58 0.87 0.00	25.05 1.06 0.00	33.37 1.72 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.04 1.17 0.00	26.06 1.13 0.00	27.11 1.16 0.00	26.63 1.26 0.00	30.63 1.86 0.00	37.40 2.66 0.00	39.99 2.28 0.00	33.28 1.83 0.00	45.46 2.12 0.00	41.76 2.01 0.00	29.11 1.41 0.00	26.91 1.29 0.00
BAYONEEC___CTG10 323750	19.38 0.79 0.00	18.20 0.72 0.00	18.05 0.70 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.58 0.87 0.00	25.05 1.06 0.00	33.37 1.72 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.04 1.17 0.00	26.06 1.13 0.00	27.11 1.16 0.00	26.63 1.26 0.00	30.63 1.86 0.00	37.40 2.66 0.00	39.99 2.28 0.00	33.28 1.83 0.00	45.46 2.12 0.00	41.76 2.01 0.00	29.11 1.41 0.00	26.91 1.29 0.00
BAYONEEC___CTG2 323683	19.38 0.79 0.00	18.20 0.72 0.00	18.05 0.70 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.58 0.87 0.00	25.05 1.06 0.00	33.37 1.72 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.04 1.17 0.00	26.06 1.13 0.00	27.11 1.16 0.00	26.63 1.26 0.00	30.63 1.86 0.00	37.40 2.66 0.00	39.99 2.28 0.00	33.28 1.83 0.00	45.46 2.12 0.00	41.76 2.01 0.00	29.11 1.41 0.00	26.91 1.29 0.00
BAYONEEC___CTG3 323684	19.38 0.79 0.00	18.20 0.72 0.00	18.05 0.70 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.58 0.87 0.00	25.05 1.06 0.00	33.37 1.72 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.04 1.17 0.00	26.06 1.13 0.00	27.11 1.16 0.00	26.63 1.26 0.00	30.63 1.86 0.00	37.40 2.66 0.00	39.99 2.28 0.00	33.28 1.83 0.00	45.46 2.12 0.00	41.76 2.01 0.00	29.11 1.41 0.00	26.91 1.29 0.00
BAYONEEC___CTG4 323685	19.38 0.79 0.00	18.20 0.72 0.00	18.05 0.70 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.58 0.87 0.00	25.05 1.06 0.00	33.37 1.72 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.04 1.17 0.00	26.06 1.13 0.00	27.11 1.16 0.00	26.63 1.26 0.00	30.63 1.86 0.00	37.40 2.66 0.00	39.99 2.28 0.00	33.28 1.83 0.00	45.46 2.12 0.00	41.76 2.01 0.00	29.11 1.41 0.00	26.91 1.29 0.00
BAYONEEC___CTG5 323686	19.38 0.79 0.00	18.20 0.72 0.00	18.05 0.70 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.58 0.87 0.00	25.05 1.06 0.00	33.37 1.72 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.04 1.17 0.00	26.06 1.13 0.00	27.11 1.16 0.00	26.63 1.26 0.00	30.63 1.86 0.00	37.40 2.66 0.00	39.99 2.28 0.00	33.28 1.83 0.00	45.46 2.12 0.00	41.76 2.01 0.00	29.11 1.41 0.00	26.91 1.29 0.00
BAYONEEC___CTG6 323687	19.38 0.79 0.00	18.20 0.72 0.00	18.05 0.70 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.58 0.87 0.00	25.05 1.06 0.00	33.37 1.72 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.04 1.17 0.00	26.06 1.13 0.00	27.11 1.16 0.00	26.63 1.26 0.00	30.63 1.86 0.00	37.40 2.66 0.00	39.99 2.28 0.00	33.28 1.83 0.00	45.46 2.12 0.00	41.76 2.01 0.00	29.11 1.41 0.00	26.91 1.29 0.00

BAYONEEC___CTG7 323688	19.38 0.79 0.00	18.20 0.72 0.00	18.05 0.70 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.58 0.87 0.00	25.05 1.06 0.00	33.37 1.72 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.04 1.17 0.00	26.06 1.13 0.00	27.11 1.16 0.00	26.63 1.26 0.00	30.63 1.86 0.00	37.40 2.66 0.00	39.99 2.28 0.00	33.28 1.83 0.00	45.46 2.12 0.00	41.76 2.01 0.00	29.11 1.41 0.00	26.91 1.29 0.00
BAYONEEC___CTG8 323689	19.38 0.79 0.00	18.20 0.72 0.00	18.05 0.70 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.58 0.87 0.00	25.05 1.06 0.00	33.37 1.72 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.04 1.17 0.00	26.06 1.13 0.00	27.11 1.16 0.00	26.63 1.26 0.00	30.63 1.86 0.00	37.40 2.66 0.00	39.99 2.28 0.00	33.28 1.83 0.00	45.46 2.12 0.00	41.76 2.01 0.00	29.11 1.41 0.00	26.91 1.29 0.00
BAYONEEC___CTG9 323749	19.38 0.79 0.00	18.20 0.72 0.00	18.05 0.70 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.58 0.87 0.00	25.05 1.06 0.00	33.37 1.72 0.00	23.57 0.92 0.00	20.37 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.04 1.17 0.00	26.06 1.13 0.00	27.11 1.16 0.00	26.63 1.26 0.00	30.63 1.86 0.00	37.40 2.66 0.00	39.99 2.28 0.00	33.28 1.83 0.00	45.46 2.12 0.00	41.76 2.01 0.00	29.11 1.41 0.00	26.91 1.29 0.00
BEACON___LESR 323632	18.93 0.35 0.00	17.84 0.37 0.00	17.74 0.39 0.00	17.11 0.36 0.00	19.36 0.41 0.00	21.15 0.44 0.00	24.59 0.61 0.00	32.54 0.90 0.00	23.13 0.48 0.00	19.97 0.33 0.00	24.36 0.53 0.00	23.12 0.51 0.00	23.43 0.56 0.00	25.59 0.66 0.00	26.72 0.76 0.00	26.19 0.82 0.00	29.92 1.15 0.00	36.25 1.52 0.00	39.28 1.57 0.00	32.60 1.14 0.00	44.63 1.29 0.00	40.72 0.96 0.00	28.31 0.62 0.00	26.10 0.48 0.00
BEAVER RIVER___HYD 24048	18.21 -0.37 0.00	17.01 -0.46 0.00	17.03 -0.31 0.00	16.32 -0.43 0.00	18.74 -0.21 0.00	20.15 -0.56 0.00	23.49 -0.49 0.00	31.14 -0.50 0.00	22.46 -0.18 0.00	19.49 -0.15 0.00	23.68 -0.14 0.00	22.55 -0.06 0.00	22.62 -0.25 0.00	24.70 -0.22 0.00	25.74 -0.22 0.00	24.99 -0.38 0.00	28.38 -0.39 0.00	34.18 -0.55 0.00	36.77 -0.94 0.00	31.04 -0.41 0.00	43.24 -0.10 0.00	39.91 0.15 0.00	27.66 -0.04 0.00	25.51 -0.12 0.00
BEEBEE_GT_13 23619	17.78 -0.80 0.00	16.64 -0.83 0.00	16.49 -0.85 0.00	15.92 -0.83 0.00	18.03 -0.92 0.00	19.68 -1.03 0.00	22.76 -1.22 0.00	30.15 -1.49 0.00	21.81 -0.84 0.00	19.01 -0.63 0.00	23.12 -0.71 0.00	21.81 -0.80 0.00	22.11 -0.77 0.00	24.12 -0.80 0.00	25.13 -0.83 0.00	24.47 -0.90 0.00	27.89 -0.88 0.00	33.75 -0.98 0.00	36.40 -1.31 0.00	30.35 -1.10 0.00	41.46 -1.89 0.00	37.72 -2.04 0.00	26.45 -1.25 0.00	24.54 -1.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.56 0.97 0.00	18.36 0.89 0.00	18.20 0.86 0.00	17.55 0.80 0.00	19.84 0.89 0.00	21.80 1.09 0.00	25.32 1.33 0.00	33.71 2.07 0.00	23.78 1.13 0.00	20.55 0.91 0.00	25.16 1.34 0.00	23.99 1.38 0.00	24.24 1.37 0.00	26.31 1.39 0.00	27.35 1.40 0.00	26.86 1.49 0.00	30.91 2.14 0.00	37.71 2.97 0.00	40.31 2.60 0.00	33.61 2.15 0.00	45.87 2.53 0.00	42.11 2.36 0.00	29.34 1.64 0.00	27.11 1.49 0.00
BETHLEHEM___GRP 23843	18.65 0.06 0.00	17.58 0.11 0.00	17.45 0.11 0.00	16.86 0.12 0.00	19.03 0.08 0.00	20.78 0.07 0.00	24.09 0.11 0.00	31.86 0.21 0.00	22.69 0.04 0.00	19.64 -0.01 0.00	23.89 0.06 0.00	22.70 0.09 0.00	22.97 0.09 0.00	25.06 0.13 0.00	26.16 0.21 0.00	25.66 0.30 0.00	29.26 0.50 0.00	35.58 0.84 0.00	38.40 0.69 0.00	31.88 0.42 0.00	43.73 0.39 0.00	39.97 0.22 0.00	27.79 0.09 0.00	25.67 0.05 0.00
BETHLEHEM___GS1 323560	18.65 0.06 0.00	17.58 0.11 0.00	17.47 0.12 0.00	16.86 0.12 0.00	19.03 0.08 0.00	20.78 0.07 0.00	24.09 0.11 0.00	31.86 0.21 0.00	22.69 0.04 0.00	19.64 -0.01 0.00	23.89 0.06 0.00	22.70 0.09 0.00	22.97 0.09 0.00	25.06 0.13 0.00	26.16 0.21 0.00	25.66 0.29 0.00	29.26 0.49 0.00	35.57 0.84 0.00	38.40 0.69 0.00	31.88 0.43 0.00	43.73 0.39 0.00	39.96 0.21 0.00	27.79 0.09 0.00	25.67 0.05 0.00
BETHLEHEM___GS2 323561	18.65 0.06 0.00	17.58 0.11 0.00	17.47 0.12 0.00	16.86 0.12 0.00	19.03 0.08 0.00	20.78 0.07 0.00	24.09 0.11 0.00	31.86 0.21 0.00	22.69 0.04 0.00	19.64 -0.01 0.00	23.89 0.06 0.00	22.70 0.09 0.00	22.97 0.09 0.00	25.06 0.13 0.00	26.16 0.21 0.00	25.66 0.29 0.00	29.26 0.49 0.00	35.57 0.84 0.00	38.40 0.69 0.00	31.88 0.43 0.00	43.73 0.39 0.00	39.96 0.21 0.00	27.79 0.09 0.00	25.67 0.05 0.00
BETHLEHEM___GS3 323562	18.65 0.06 0.00	17.58 0.11 0.00	17.47 0.12 0.00	16.86 0.12 0.00	19.03 0.08 0.00	20.78 0.07 0.00	24.09 0.11 0.00	31.86 0.21 0.00	22.69 0.04 0.00	19.64 -0.01 0.00	23.89 0.06 0.00	22.70 0.09 0.00	22.97 0.09 0.00	25.06 0.13 0.00	26.16 0.21 0.00	25.66 0.29 0.00	29.26 0.49 0.00	35.57 0.84 0.00	38.40 0.69 0.00	31.88 0.43 0.00	43.73 0.39 0.00	39.96 0.21 0.00	27.79 0.09 0.00	25.67 0.05 0.00
BETHLEHEM___STEEL 23779	17.41 -1.17 0.00	16.27 -1.20 0.00	16.11 -1.23 0.00	15.54 -1.21 0.00	17.58 -1.37 0.00	19.15 -1.56 0.00	22.10 -1.88 0.00	29.34 -2.30 0.00	21.28 -1.37 0.00	18.56 -1.08 0.00	22.63 -1.19 0.00	21.29 -1.32 0.00	21.65 -1.23 0.00	23.69 -1.24 0.00	24.67 -1.28 0.00	23.94 -1.42 0.00	27.43 -1.34 0.00	33.15 -1.59 0.00	35.63 -2.08 0.00	29.77 -1.69 0.00	40.50 -2.84 0.00	36.75 -3.01 0.00	25.90 -1.80 0.00	24.06 -1.56 0.00
BETHLHEM_115KV_TB1 79974	18.70 0.11 0.00	17.61 0.14 0.00	17.49 0.15 0.00	16.90 0.16 0.00	19.08 0.13 0.00	20.84 0.13 0.00	24.15 0.17 0.00	31.95 0.31 0.00	22.75 0.10 0.00	19.69 0.05 0.00	23.95 0.13 0.00	22.76 0.15 0.00	23.03 0.16 0.00	25.13 0.21 0.00	26.23 0.27 0.00	25.73 0.36 0.00	29.34 0.57 0.00	35.66 0.93 0.00	38.50 0.79 0.00	31.98 0.52 0.00	43.85 0.51 0.00	40.08 0.33 0.00	27.88 0.18 0.00	25.75 0.13 0.00
BETHPAGE_CC_5 323564	19.79 1.21 0.00	18.59 1.12 0.00	18.43 1.09 0.00	17.78 1.04 0.00	20.03 1.07 0.00	21.96 1.25 0.00	25.47 1.49 0.00	33.97 2.32 0.00	23.92 1.27 0.00	20.67 1.02 0.00	25.42 1.59 0.00	24.18 1.57 0.00	24.29 1.42 0.00	26.42 1.50 0.00	27.66 1.71 0.00	27.22 1.86 0.00	31.25 2.48 0.00	38.15 3.41 0.00	40.88 3.17 0.00	34.08 2.62 0.00	49.36 3.20 -2.82	61.84 2.96 -19.12	29.66 1.96 0.00	28.35 1.83 -0.90
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.52 -1.06 0.00	16.38 -1.09 0.00	16.21 -1.13 0.00	15.63 -1.11 0.00	17.70 -1.26 0.00	19.28 -1.43 0.00	22.25 -1.73 0.00	29.53 -2.11 0.00	21.41 -1.24 0.00	18.68 -0.97 0.00	22.78 -1.05 0.00	21.44 -1.17 0.00	21.80 -1.07 0.00	23.86 -1.06 0.00	24.85 -1.11 0.00	24.12 -1.25 0.00	27.64 -1.13 0.00	33.40 -1.34 0.00	35.86 -1.85 0.00	29.97 -1.48 0.00	40.79 -2.55 0.00	37.02 -2.73 0.00	26.08 -1.62 0.00	24.22 -1.40 0.00

BINGHAMTON___COGEN 23790	18.40 -0.19 0.00	17.28 -0.19 0.00	17.14 -0.21 0.00	16.53 -0.22 0.00	18.71 -0.24 0.00	20.43 -0.28 0.00	23.68 -0.30 0.00	31.51 -0.13 0.00	22.52 -0.13 0.00	19.52 -0.12 0.00	23.85 0.03 0.00	22.59 -0.02 0.00	22.81 -0.06 0.00	24.86 -0.07 0.00	25.84 -0.11 0.00	25.25 -0.12 0.00	28.89 0.12 0.00	35.08 0.35 0.00	37.76 0.05 0.00	31.50 0.05 0.00	43.07 -0.27 0.00	39.40 -0.35 0.00	27.48 -0.21 0.00	25.46 -0.17 0.00
BIXINCNT_115KV_LOAD 355685	17.54 -1.05 0.00	16.45 -1.02 0.00	16.23 -1.11 0.00	15.64 -1.11 0.00	17.68 -1.27 0.00	19.27 -1.44 0.00	22.25 -1.74 0.00	29.45 -2.19 0.00	21.14 -1.51 0.00	18.45 -1.19 0.00	22.62 -1.21 0.00	21.39 -1.22 0.00	21.90 -0.98 0.00	24.19 -0.73 0.00	24.99 -0.97 0.00	24.35 -1.02 0.00	28.24 -0.53 0.00	34.09 -0.65 0.00	36.17 -1.54 0.00	30.21 -1.25 0.00	41.43 -1.91 0.00	37.75 -2.00 0.00	26.35 -1.34 0.00	24.51 -1.11 0.00
BLACK RIVER___HYD 24047	18.12 -0.47 0.00	16.89 -0.58 0.00	16.92 -0.43 0.00	16.22 -0.53 0.00	18.67 -0.28 0.00	20.06 -0.66 0.00	23.42 -0.56 0.00	31.02 -0.62 0.00	22.42 -0.22 0.00	19.48 -0.16 0.00	23.68 -0.14 0.00	22.56 -0.05 0.00	22.56 -0.32 0.00	24.67 -0.25 0.00	25.69 -0.27 0.00	24.97 -0.40 0.00	28.35 -0.42 0.00	34.21 -0.52 0.00	36.87 -0.84 0.00	31.11 -0.34 0.00	43.27 -0.07 0.00	39.93 0.18 0.00	27.64 -0.06 0.00	25.53 -0.10 0.00
BLACKRVR_115KV_TB2 79977	18.12 -0.47 0.00	16.89 -0.58 0.00	16.92 -0.43 0.00	16.22 -0.53 0.00	18.67 -0.28 0.00	20.06 -0.66 0.00	23.42 -0.56 0.00	31.02 -0.62 0.00	22.42 -0.22 0.00	19.48 -0.16 0.00	23.68 -0.14 0.00	22.56 -0.05 0.00	22.56 -0.32 0.00	24.67 -0.25 0.00	25.69 -0.27 0.00	24.97 -0.40 0.00	28.35 -0.42 0.00	34.21 -0.52 0.00	36.87 -0.84 0.00	31.11 -0.34 0.00	43.27 -0.07 0.00	39.92 0.17 0.00	27.64 -0.06 0.00	25.53 -0.10 0.00
BLISS_WT_PWR 323608	17.40 -1.19 0.00	16.33 -1.14 0.00	16.08 -1.27 0.00	15.51 -1.23 0.00	17.52 -1.43 0.00	19.10 -1.60 0.00	22.07 -1.91 0.00	29.18 -2.46 0.00	20.92 -1.73 0.00	18.26 -1.38 0.00	22.39 -1.43 0.00	21.19 -1.42 0.00	21.74 -1.13 0.00	24.08 -0.84 0.00	24.83 -1.12 0.00	24.23 -1.13 0.00	28.21 -0.56 0.00	34.04 -0.69 0.00	31.54 -1.69 4.48	29.47 -1.39 0.60	40.63 -2.01 0.70	37.28 -2.06 0.41	26.23 -1.46 0.00	24.42 -1.21 0.00
BLUESTONE___WT_PWR 323821	18.76 0.18 0.00	17.68 0.21 0.00	17.63 0.29 0.00	16.95 0.20 0.00	18.78 -0.17 0.00	20.48 -0.23 0.00	24.02 0.04 0.00	32.16 0.52 0.00	22.90 0.25 0.00	19.69 0.05 0.00	24.48 0.65 0.00	23.44 0.82 0.00	23.13 0.25 0.00	24.99 0.06 0.00	26.24 0.28 0.00	25.68 0.32 0.00	29.67 0.90 0.00	35.84 1.10 0.00	39.13 0.75 -0.66	32.45 0.90 -0.09	44.66 1.21 -0.10	41.42 1.61 -0.06	28.76 1.07 0.00	26.49 0.87 0.00
BLUE_CIRC_CHEM_DRP 24182	18.87 0.28 0.00	17.78 0.31 0.00	17.66 0.32 0.00	17.06 0.32 0.00	19.28 0.33 0.00	21.07 0.36 0.00	24.42 0.44 0.00	32.28 0.63 0.00	23.00 0.35 0.00	19.88 0.23 0.00	24.15 0.33 0.00	22.94 0.33 0.00	23.23 0.35 0.00	25.36 0.44 0.00	26.50 0.54 0.00	25.98 0.61 0.00	29.62 0.85 0.00	35.96 1.23 0.00	38.87 1.16 0.00	32.26 0.81 0.00	44.28 0.94 0.00	40.49 0.74 0.00	28.18 0.48 0.00	26.03 0.41 0.00
BOC_GAS_DRP 24189	18.81 0.23 0.00	17.70 0.23 0.00	17.58 0.24 0.00	16.98 0.24 0.00	19.19 0.24 0.00	20.98 0.27 0.00	24.31 0.33 0.00	32.16 0.52 0.00	22.90 0.25 0.00	19.82 0.18 0.00	24.12 0.29 0.00	22.92 0.31 0.00	23.18 0.31 0.00	25.27 0.35 0.00	26.37 0.41 0.00	25.85 0.48 0.00	29.49 0.72 0.00	35.82 1.08 0.00	38.66 0.95 0.00	32.14 0.68 0.00	44.09 0.75 0.00	40.34 0.58 0.00	28.07 0.37 0.00	25.94 0.32 0.00
BOONVILLE_115KV_TB1 79983	18.75 0.16 0.00	17.56 0.09 0.00	17.50 0.16 0.00	16.83 0.08 0.00	19.19 0.24 0.00	20.83 0.11 0.00	24.25 0.27 0.00	32.14 0.50 0.00	23.09 0.44 0.00	20.03 0.38 0.00	24.36 0.54 0.00	23.15 0.54 0.00	23.34 0.46 0.00	25.44 0.52 0.00	26.51 0.55 0.00	25.84 0.47 0.00	29.50 0.73 0.00	35.62 0.89 0.00	38.33 0.62 0.00	32.12 0.66 0.00	44.40 1.06 0.00	40.77 1.02 0.00	28.29 0.59 0.00	26.12 0.49 0.00
BORALEX_4TH_BRANCH 23824	19.22 0.64 0.00	18.14 0.67 0.00	18.06 0.72 0.00	17.44 0.70 0.00	19.75 0.80 0.00	21.50 0.79 0.00	24.95 0.97 0.00	32.93 1.28 0.00	23.41 0.76 0.00	20.22 0.58 0.00	24.55 0.73 0.00	23.28 0.67 0.00	23.56 0.69 0.00	25.78 0.86 0.00	27.00 1.05 0.00	26.53 1.16 0.00	30.16 1.39 0.00	36.90 2.17 0.00	39.81 2.10 0.00	32.93 1.47 0.00	45.34 2.00 0.00	41.30 1.55 0.00	28.65 0.96 0.00	26.46 0.83 0.00
BOWLINE___1 23526	19.27 0.69 0.00	18.11 0.63 0.00	17.96 0.61 0.00	17.32 0.57 0.00	19.58 0.63 0.00	21.49 0.77 0.00	24.97 0.99 0.00	33.18 1.53 0.00	23.49 0.84 0.00	20.29 0.65 0.00	24.83 1.01 0.00	23.64 1.03 0.00	23.89 1.02 0.00	25.94 1.02 0.00	26.99 1.04 0.00	26.50 1.13 0.00	30.48 1.71 0.00	37.19 2.45 0.00	39.85 2.15 0.00	33.14 1.68 0.00	45.31 1.97 0.00	41.53 1.78 0.00	28.89 1.20 0.00	26.70 1.08 0.00
BOWLINE___2 23595	19.27 0.69 0.00	18.11 0.63 0.00	17.96 0.61 0.00	17.32 0.57 0.00	19.58 0.63 0.00	21.49 0.77 0.00	24.97 0.99 0.00	33.18 1.53 0.00	23.49 0.84 0.00	20.29 0.65 0.00	24.83 1.01 0.00	23.65 1.03 0.00	23.89 1.02 0.00	25.94 1.02 0.00	26.99 1.04 0.00	26.50 1.13 0.00	30.48 1.71 0.00	37.19 2.46 0.00	39.85 2.15 0.00	33.14 1.68 0.00	45.31 1.97 0.00	41.53 1.78 0.00	28.89 1.20 0.00	26.70 1.08 0.00
BRADY___115KV_TB2 356060	19.05 0.46 0.00	17.92 0.45 0.00	17.80 0.46 0.00	17.20 0.45 0.00	19.51 0.56 0.00	21.32 0.61 0.00	24.74 0.76 0.00	32.45 0.81 0.00	23.28 0.63 0.00	20.24 0.60 0.00	24.36 0.53 0.00	23.11 0.50 0.00	23.35 0.48 0.00	25.50 0.57 0.00	26.56 0.60 0.00	25.74 0.37 0.00	28.80 0.04 0.00	34.49 -0.25 0.00	38.01 0.30 0.00	31.98 0.52 0.00	44.39 1.05 0.00	40.87 1.12 0.00	28.56 0.86 0.00	26.33 0.71 0.00
BRANSCOMB___SOLAR 323811	19.29 0.71 0.00	18.17 0.70 0.00	18.08 0.74 0.00	17.48 0.73 0.00	19.80 0.85 0.00	21.69 0.98 0.00	25.23 1.25 0.00	33.37 1.73 0.00	23.75 1.10 0.00	20.50 0.85 0.00	24.85 1.03 0.00	23.62 1.01 0.00	23.93 1.05 0.00	26.15 1.23 0.00	27.36 1.40 0.00	26.84 1.48 0.00	30.66 1.89 0.00	37.34 2.61 0.00	40.30 2.59 0.00	33.42 1.96 0.00	45.77 2.42 0.00	41.70 1.95 0.00	28.96 1.27 0.00	26.73 1.11 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.98 1.40 0.00	18.79 1.32 0.00	18.62 1.28 0.00	17.98 1.23 0.00	20.23 1.28 0.00	22.17 1.46 0.00	25.71 1.73 0.00	34.18 2.54 0.00	24.04 1.39 0.00	20.76 1.12 0.00	25.62 1.79 0.00	24.47 1.86 0.00	24.48 1.61 0.00	26.62 1.70 0.00	27.93 1.97 0.00	27.53 2.16 0.00	31.52 2.76 0.00	38.32 3.58 0.00	41.05 3.34 0.00	34.37 2.91 0.00	49.79 3.63 -2.82	62.21 3.34 -19.12	29.90 2.21 0.00	28.60 2.09 -0.90



BRISTLHL_115KV_TB1 79998	18.08 -0.50 0.00	16.98 -0.49 0.00	16.84 -0.50 0.00	16.26 -0.49 0.00	18.42 -0.53 0.00	20.12 -0.59 0.00	23.24 -0.74 0.00	30.63 -1.01 0.00	22.01 -0.64 0.00	19.12 -0.53 0.00	23.20 -0.62 0.00	22.03 -0.58 0.00	22.28 -0.60 0.00	24.26 -0.66 0.00	25.21 -0.75 0.00	24.67 -0.70 0.00	28.11 -0.66 0.00	34.05 -0.68 0.00	36.81 -0.90 0.00	30.66 -0.79 0.00	42.06 -1.29 0.00	38.44 -1.31 0.00	26.79 -0.91 0.00	24.84 -0.78 0.00
BROOKHAVEN___DRP 24191	19.91 1.33 0.00	18.73 1.26 0.00	18.55 1.20 0.00	17.92 1.17 0.00	20.15 1.19 0.00	22.09 1.38 0.00	25.51 1.53 0.00	34.04 2.40 0.00	23.87 1.22 0.00	20.56 0.91 0.00	25.28 1.46 0.00	24.08 1.47 0.00	24.13 1.26 0.00	26.23 1.31 0.00	27.53 1.58 0.00	27.14 1.77 0.00	31.15 2.38 0.00	38.01 3.27 0.00	40.71 3.00 0.00	34.01 2.55 0.00	49.28 3.11 -2.82	61.79 2.91 -19.12	29.62 1.92 0.00	28.39 1.87 -0.90
BROOKLYN_NAVY_YARD 23515	19.39 0.81 0.00	18.20 0.72 0.00	18.04 0.70 0.00	17.41 0.66 0.00	19.67 0.72 0.00	21.58 0.87 0.00	25.03 1.05 0.00	33.36 1.72 0.00	23.58 0.94 0.00	20.37 0.73 0.00	24.95 1.12 0.00	23.80 1.19 0.00	24.07 1.19 0.00	26.08 1.16 0.00	27.12 1.16 0.00	26.64 1.27 0.00	30.65 1.89 0.00	37.42 2.68 0.00	40.00 2.29 0.00	33.28 1.82 0.00	45.49 2.15 0.00	41.76 2.01 0.00	29.11 1.41 0.00	26.91 1.29 0.00
BROOKLYN___ARMY_DRP 323595	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.71 0.75 0.00	21.66 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.11 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.22 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.81 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
BROOKVLE_69_KV_TB1 55790	19.76 1.17 0.00	18.56 1.09 0.00	18.39 1.05 0.00	17.75 1.01 0.00	20.02 1.06 0.00	21.97 1.26 0.00	25.52 1.54 0.00	34.02 2.38 0.00	24.00 1.36 0.00	20.73 1.09 0.00	25.45 1.63 0.00	24.24 1.63 0.00	24.39 1.51 0.00	26.54 1.62 0.00	27.73 1.77 0.00	27.28 1.91 0.00	31.28 2.51 0.00	38.18 3.45 0.00	40.92 3.21 0.00	34.10 2.64 0.00	49.37 3.21 -2.82	61.86 2.98 -19.12	29.72 2.02 0.00	28.38 1.86 -0.90
BROOME_2_LFGE 323671	18.40 -0.18 0.00	17.29 -0.18 0.00	17.13 -0.21 0.00	16.53 -0.22 0.00	18.71 -0.24 0.00	20.43 -0.28 0.00	23.68 -0.30 0.00	31.51 -0.13 0.00	22.52 -0.13 0.00	19.52 -0.12 0.00	23.85 0.03 0.00	22.59 -0.02 0.00	22.81 -0.06 0.00	24.86 -0.07 0.00	25.84 -0.11 0.00	25.25 -0.12 0.00	28.89 0.12 0.00	35.08 0.35 0.00	38.49 0.05 -0.73	31.60 0.04 -0.10	43.19 -0.27 -0.11	39.47 -0.35 -0.07	27.48 -0.21 0.00	25.45 -0.17 0.00
BROOME___LFGE 323600	18.40 -0.18 0.00	17.29 -0.18 0.00	17.13 -0.21 0.00	16.53 -0.22 0.00	18.71 -0.24 0.00	20.43 -0.28 0.00	23.68 -0.30 0.00	31.51 -0.13 0.00	22.52 -0.13 0.00	19.52 -0.12 0.00	23.85 0.03 0.00	22.59 -0.02 0.00	22.81 -0.06 0.00	24.86 -0.07 0.00	25.84 -0.11 0.00	25.25 -0.12 0.00	28.89 0.12 0.00	35.08 0.35 0.00	38.49 0.05 -0.73	31.60 0.04 -0.10	43.19 -0.27 -0.11	39.47 -0.35 -0.07	27.48 -0.21 0.00	25.45 -0.17 0.00
BROWNFLS_115KV_TB 3_5 80003	18.26 -0.33 0.00	17.11 -0.36 0.00	17.08 -0.27 0.00	16.43 -0.32 0.00	18.77 -0.19 0.00	20.29 -0.42 0.00	23.57 -0.41 0.00	31.08 -0.56 0.00	22.38 -0.27 0.00	19.43 -0.21 0.00	23.51 -0.32 0.00	22.38 -0.23 0.00	22.47 -0.41 0.00	24.53 -0.39 0.00	25.57 -0.39 0.00	24.79 -0.58 0.00	27.96 -0.81 0.00	33.60 -1.14 0.00	36.51 -1.20 0.00	30.78 -0.67 0.00	42.85 -0.49 0.00	39.53 -0.23 0.00	27.50 -0.20 0.00	25.35 -0.27 0.00
BROWNSV1_27_KV_LOAD 356125	19.56 0.98 0.00	18.36 0.89 0.00	18.20 0.86 0.00	17.55 0.81 0.00	19.84 0.89 0.00	21.77 1.06 0.00	25.29 1.31 0.00	33.72 2.08 0.00	23.82 1.18 0.00	20.58 0.94 0.00	25.21 1.39 0.00	24.03 1.42 0.00	24.30 1.42 0.00	26.35 1.43 0.00	27.42 1.46 0.00	26.93 1.56 0.00	30.97 2.20 0.00	37.83 3.09 0.00	40.48 2.77 0.00	33.69 2.23 0.00	46.00 2.66 0.00	42.24 2.48 0.00	29.43 1.74 0.00	27.20 1.58 0.00
BURROWS___LYONSDAL 23803	18.61 0.03 0.00	17.41 -0.06 0.00	17.39 0.04 0.00	16.69 -0.06 0.00	19.08 0.13 0.00	20.63 -0.08 0.00	24.03 0.05 0.00	31.89 0.25 0.00	22.93 0.28 0.00	19.88 0.24 0.00	24.20 0.37 0.00	23.00 0.39 0.00	23.17 0.30 0.00	25.27 0.34 0.00	26.32 0.36 0.00	25.63 0.26 0.00	29.24 0.47 0.00	35.29 0.55 0.00	37.92 0.21 0.00	31.84 0.38 0.00	44.12 0.78 0.00	40.58 0.83 0.00	28.15 0.45 0.00	25.97 0.35 0.00
CAITHNESS_CC_1 323624	19.87 1.29 0.00	18.69 1.22 0.00	18.51 1.17 0.00	17.88 1.13 0.00	20.11 1.16 0.00	22.05 1.34 0.00	25.48 1.50 0.00	33.99 2.35 0.00	23.84 1.19 0.00	20.54 0.90 0.00	25.27 1.45 0.00	24.08 1.46 0.00	24.13 1.26 0.00	26.22 1.30 0.00	27.52 1.57 0.00	27.11 1.75 0.00	31.13 2.36 0.00	37.97 3.23 0.00	40.67 2.96 0.00	33.97 2.52 0.00	49.24 3.07 -2.82	61.74 2.87 -19.12	29.59 1.90 0.00	28.36 1.84 -0.90
CALPINE BETH_PAGE_GT4 24209	19.75 1.17 0.00	18.56 1.09 0.00	18.38 1.04 0.00	17.75 1.01 0.00	19.99 1.04 0.00	21.92 1.21 0.00	25.41 1.43 0.00	33.88 2.24 0.00	23.87 1.22 0.00	20.62 0.98 0.00	25.35 1.53 0.00	24.12 1.51 0.00	24.24 1.37 0.00	26.36 1.44 0.00	27.59 1.64 0.00	27.16 1.79 0.00	31.17 2.40 0.00	38.05 3.32 0.00	40.78 3.07 0.00	34.01 2.55 0.00	49.25 3.09 -2.82	61.73 2.86 -19.12	29.60 1.90 0.00	28.29 1.77 -0.90
CALPINE_BETH_PAGE_GT_4 323586	19.75 1.17 0.00	18.56 1.09 0.00	18.39 1.05 0.00	17.75 1.00 0.00	19.99 1.03 0.00	21.92 1.21 0.00	25.41 1.43 0.00	33.88 2.24 0.00	23.87 1.22 0.00	20.62 0.98 0.00	25.35 1.52 0.00	24.12 1.51 0.00	24.24 1.37 0.00	26.36 1.44 0.00	27.59 1.64 0.00	27.16 1.79 0.00	31.17 2.40 0.00	38.05 3.32 0.00	40.78 3.07 0.00	34.00 2.55 0.00	49.25 3.09 -2.82	61.72 2.85 -19.12	29.60 1.90 0.00	28.29 1.77 -0.90
CALPINE_BP_GT1 23823	19.75 1.17 0.00	18.56 1.09 0.00	18.39 1.05 0.00	17.75 1.00 0.00	19.99 1.03 0.00	21.92 1.21 0.00	25.41 1.43 0.00	33.88 2.24 0.00	23.87 1.22 0.00	20.62 0.98 0.00	25.35 1.52 0.00	24.12 1.51 0.00	24.24 1.37 0.00	26.36 1.44 0.00	27.59 1.64 0.00	27.16 1.79 0.00	31.17 2.40 0.00	38.05 3.32 0.00	40.78 3.07 0.00	34.00 2.55 0.00	49.25 3.09 -2.82	61.72 2.85 -19.12	29.60 1.90 0.00	28.29 1.77 -0.90
CALSPAN___DRP 24200	17.41 -1.17 0.00	16.27 -1.20 0.00	16.11 -1.23 0.00	15.54 -1.21 0.00	17.58 -1.37 0.00	19.15 -1.56 0.00	22.10 -1.88 0.00	29.34 -2.30 0.00	21.28 -1.37 0.00	18.56 -1.08 0.00	22.63 -1.19 0.00	21.29 -1.32 0.00	21.65 -1.23 0.00	23.69 -1.24 0.00	24.67 -1.28 0.00	23.94 -1.42 0.00	27.43 -1.34 0.00	33.15 -1.59 0.00	35.63 -2.08 0.00	29.77 -1.69 0.00	40.50 -2.84 0.00	36.75 -3.01 0.00	25.90 -1.80 0.00	24.06 -1.56 0.00

CALVERTON___SOLAR 323806	19.96 1.38 0.00	18.77 1.30 0.00	18.59 1.25 0.00	17.96 1.21 0.00	20.20 1.24 0.00	22.15 1.44 0.00	25.56 1.58 0.00	34.13 2.49 0.00	23.92 1.27 0.00	20.59 0.95 0.00	25.32 1.49 0.00	24.10 1.49 0.00	24.16 1.28 0.00	26.26 1.34 0.00	27.57 1.62 0.00	27.18 1.81 0.00	31.21 2.44 0.00	38.08 3.35 0.00	40.79 3.08 0.00	34.07 2.62 0.00	49.37 3.21 -2.82	61.86 2.98 -19.12	29.67 1.97 0.00	28.45 1.93 -0.90
CANDIGU_WT_PWR 323617	17.20 -1.38 0.00	16.09 -1.38 0.00	15.95 -1.40 0.00	15.42 -1.33 0.00	17.50 -1.46 0.00	19.11 -1.61 0.00	22.13 -1.85 0.00	29.43 -2.20 0.01	21.11 -1.53 0.00	18.33 -1.31 0.00	22.49 -1.33 0.00	21.23 -1.38 0.00	21.53 -1.34 0.00	23.51 -1.42 0.00	24.45 -1.51 0.00	23.88 -1.49 0.00	27.49 -1.28 0.00	33.69 -1.05 0.00	38.09 -1.54 -1.92	30.47 -1.25 -0.26	41.38 -2.26 -0.30	37.69 -2.24 -0.17	26.27 -1.43 0.00	24.25 -1.37 0.00
CARR STREET_E_SYR 24060	18.25 -0.34 0.00	17.13 -0.34 0.00	16.99 -0.35 0.00	16.41 -0.34 0.00	18.59 -0.37 0.00	20.29 -0.42 0.00	23.41 -0.58 0.00	30.78 -0.86 0.00	22.10 -0.55 0.00	19.20 -0.44 0.00	23.33 -0.49 0.00	22.14 -0.48 0.00	22.39 -0.49 0.00	24.39 -0.53 0.00	25.35 -0.61 0.00	24.80 -0.57 0.00	28.27 -0.50 0.00	34.24 -0.50 0.00	36.98 -0.73 0.00	30.81 -0.65 0.00	42.24 -1.11 0.00	38.61 -1.14 0.00	26.92 -0.78 0.00	24.95 -0.67 0.00
CARTHAGE___PAPER 23857	18.32 -0.26 0.00	17.10 -0.37 0.00	17.13 -0.22 0.00	16.41 -0.33 0.00	18.87 -0.08 0.00	20.29 -0.42 0.00	23.68 -0.30 0.00	31.38 -0.26 0.00	22.66 0.01 0.00	19.67 0.02 0.00	23.88 0.06 0.00	22.75 0.14 0.00	22.79 -0.08 0.00	24.91 -0.01 0.00	25.95 -0.01 0.00	25.20 -0.17 0.00	28.61 -0.16 0.00	34.46 -0.28 0.00	37.12 -0.59 0.00	31.34 -0.12 0.00	43.63 0.29 0.00	40.25 0.50 0.00	27.88 0.18 0.00	25.71 0.09 0.00
CASSADAGA_WT_PWR 323784	17.47 -1.11 0.00	16.32 -1.15 0.00	16.23 -1.11 0.00	15.63 -1.12 0.00	17.54 -1.42 0.00	19.22 -1.49 0.00	22.43 -1.55 0.00	29.63 -2.01 0.00	21.56 -1.09 0.00	18.75 -0.89 0.00	22.99 -0.83 0.00	21.62 -0.99 0.00	22.12 -0.75 0.00	24.16 -0.76 0.00	25.22 -0.74 0.00	24.41 -0.95 0.00	28.33 -0.43 0.00	34.39 -0.34 4.36	32.59 -0.76 0.58	30.31 -0.57 0.00	40.84 -1.82 0.68	37.21 -2.15 0.40	26.29 -1.41 0.00	24.48 -1.15 0.00
CE_DUNWOOD___DRP 24194	19.35 0.77 0.00	18.18 0.71 0.00	18.03 0.68 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.56 0.86 0.00	25.04 1.06 0.00	33.31 1.66 0.00	23.56 0.91 0.00	20.36 0.72 0.00	24.92 1.10 0.00	23.73 1.12 0.00	23.99 1.12 0.00	26.05 1.13 0.00	27.11 1.15 0.00	26.63 1.26 0.00	30.60 1.83 0.00	37.34 2.60 0.00	40.01 2.30 0.00	33.28 1.82 0.00	45.48 2.14 0.00	41.71 1.96 0.00	29.03 1.34 0.00	26.83 1.21 0.00
CE_MILLWOOD___DRP 24193	19.32 0.74 0.00	18.16 0.69 0.00	18.00 0.66 0.00	17.37 0.62 0.00	19.64 0.69 0.00	21.54 0.83 0.00	25.01 1.03 0.00	33.25 1.61 0.00	23.53 0.88 0.00	20.34 0.69 0.00	24.88 1.06 0.00	23.70 1.09 0.00	23.95 1.08 0.00	26.01 1.08 0.00	27.07 1.12 0.00	26.59 1.22 0.00	30.55 1.78 0.00	37.27 2.54 0.00	39.96 2.25 0.00	33.23 1.77 0.00	45.42 2.08 0.00	41.64 1.88 0.00	28.98 1.28 0.00	26.78 1.16 0.00
CE_NYC2_DRP 24202	19.42 0.83 0.00	18.24 0.77 0.00	18.07 0.73 0.00	17.44 0.69 0.00	19.70 0.74 0.00	21.60 0.89 0.00	25.09 1.11 0.00	33.42 1.77 0.00	23.60 0.95 0.00	20.39 0.75 0.00	24.98 1.16 0.00	23.80 1.19 0.00	24.07 1.20 0.00	26.10 1.17 0.00	27.13 1.18 0.00	26.66 1.30 0.00	30.65 1.88 0.00	37.40 2.67 0.00	40.00 2.29 0.00	33.30 1.85 0.00	45.48 2.14 0.00	41.78 2.02 0.00	29.12 1.43 0.00	26.94 1.31 0.00
CE_NYC_DRP 24195	19.40 0.82 0.00	18.21 0.74 0.00	18.05 0.71 0.00	17.42 0.68 0.00	19.68 0.73 0.00	21.60 0.89 0.00	25.07 1.09 0.00	33.41 1.77 0.00	23.60 0.95 0.00	20.40 0.76 0.00	24.98 1.16 0.00	23.82 1.21 0.00	24.09 1.21 0.00	26.10 1.18 0.00	27.17 1.21 0.00	26.68 1.32 0.00	30.68 1.91 0.00	37.46 2.73 0.00	40.06 2.35 0.00	33.34 1.89 0.00	45.53 2.19 0.00	41.82 2.07 0.00	29.14 1.44 0.00	26.94 1.31 0.00
CHAFFEE___LFGE 323603	17.47 -1.11 0.00	16.34 -1.14 0.00	16.14 -1.20 0.00	15.61 -1.14 0.00	17.66 -1.29 0.00	19.23 -1.48 0.00	22.21 -1.77 0.00	29.49 -2.15 0.00	21.42 -1.22 0.00	18.65 -1.00 0.00	22.71 -1.11 0.00	21.38 -1.23 0.00	21.73 -1.15 0.00	23.77 -1.15 0.00	24.75 -1.20 0.00	24.03 -1.34 0.00	27.52 -1.25 0.00	33.26 -1.47 0.00	31.81 -1.96 3.94	29.34 -1.59 0.53	40.06 -2.67 0.62	36.55 -2.84 0.36	25.99 -1.70 0.00	24.14 -1.48 0.00
CHATEAUG_35_KV_LOAD 355732	18.63 0.04 0.00	17.63 0.16 0.00	17.61 0.26 0.00	17.09 0.34 0.00	19.41 0.45 0.00	21.26 0.55 0.00	24.69 0.71 0.00	32.27 0.63 0.00	22.96 0.32 0.00	19.74 0.09 0.00	23.68 -0.14 0.00	22.51 -0.10 0.00	22.82 -0.05 0.00	24.86 -0.06 0.00	26.06 0.10 0.00	25.44 0.07 0.00	28.36 -0.41 0.00	34.17 -0.57 0.00	37.62 -0.09 0.00	31.73 0.28 0.00	44.17 0.82 0.00	40.75 0.99 0.00	28.29 0.59 0.00	25.93 0.31 0.00
CHATEAUG_WT_PWR 323614	18.53 -0.06 0.00	17.55 0.08 0.00	17.57 0.23 0.00	17.06 0.31 0.00	19.37 0.42 0.00	21.23 0.52 0.00	24.65 0.66 0.00	32.17 0.53 0.00	22.86 0.21 0.00	19.63 -0.01 0.00	23.54 -0.28 0.00	22.41 -0.20 0.00	22.71 -0.16 0.00	24.75 -0.17 0.00	25.95 -0.01 0.00	25.34 -0.02 0.00	28.26 -0.50 0.00	34.09 -0.65 0.00	37.48 -0.23 0.00	31.62 0.17 0.00	44.01 0.67 0.00	40.60 0.85 0.00	28.17 0.48 0.00	25.82 0.19 0.00
CHAT_HIGH_FALL_HYD 323578	18.63 0.04 0.00	17.63 0.16 0.00	17.60 0.26 0.00	17.09 0.34 0.00	19.41 0.45 0.00	21.26 0.55 0.00	24.69 0.71 0.00	32.27 0.63 0.00	22.96 0.32 0.00	19.74 0.09 0.00	23.68 -0.14 0.00	22.51 -0.10 0.00	22.82 -0.05 0.00	24.86 -0.06 0.00	26.06 0.10 0.00	25.44 0.07 0.00	28.37 -0.41 0.00	34.17 -0.57 0.00	37.62 -0.09 0.00	31.73 0.28 0.00	44.17 0.82 0.00	40.74 0.99 0.00	28.28 0.59 0.00	25.93 0.31 0.00
CHAUTAUQUA___LFGE 323629	17.41 -1.17 0.00	16.29 -1.18 0.00	16.12 -1.22 0.00	15.55 -1.19 0.00	17.56 -1.39 0.00	19.16 -1.55 0.00	22.24 -1.74 0.00	29.55 -2.09 0.00	21.40 -1.25 0.00	18.62 -1.02 0.00	22.78 -1.04 0.00	21.43 -1.18 0.00	21.84 -1.03 0.00	23.90 -1.02 0.00	24.87 -1.09 0.00	24.12 -1.25 0.00	27.84 -0.93 0.00	33.78 -0.96 0.00	32.19 -1.44 4.08	29.78 -1.13 0.55	40.36 -2.35 0.64	36.80 -2.58 0.37	26.08 -1.61 0.00	24.22 -1.41 0.00
CHERRYST_13_KV_LD 356241	19.45 0.87 0.00	18.26 0.79 0.00	18.10 0.76 0.00	17.46 0.71 0.00	19.74 0.78 0.00	21.65 0.94 0.00	25.14 1.16 0.00	33.51 1.86 0.00	23.68 1.03 0.00	20.47 0.83 0.00	25.07 1.25 0.00	23.90 1.29 0.00	24.16 1.29 0.00	26.20 1.28 0.00	27.27 1.31 0.00	26.78 1.41 0.00	30.79 2.02 0.00	37.60 2.86 0.00	40.19 2.48 0.00	33.44 1.98 0.00	45.66 2.32 0.00	41.94 2.19 0.00	29.22 1.52 0.00	27.01 1.39 0.00

CHESTROR_138KV_BK263 355645	19.18 0.60 0.00	18.02 0.55 0.00	17.88 0.54 0.00	17.26 0.51 0.00	19.51 0.56 0.00	21.40 0.69 0.00	24.85 0.87 0.00	33.01 1.36 0.00	23.40 0.75 0.00	20.22 0.58 0.00	24.72 0.90 0.00	23.53 0.92 0.00	23.78 0.91 0.00	25.84 0.92 0.00	26.88 0.93 0.00	26.40 1.03 0.00	30.33 1.56 0.00	36.96 2.23 0.00	39.68 1.97 0.00	33.00 1.54 0.00	45.13 1.79 0.00	41.35 1.60 0.00	28.76 1.06 0.00	26.58 0.96 0.00
CH_MIDHUDSON___DRP 24192	19.32 0.73 0.00	18.16 0.69 0.00	18.02 0.68 0.00	17.39 0.64 0.00	19.67 0.72 0.00	21.56 0.85 0.00	25.04 1.06 0.00	33.25 1.61 0.00	23.59 0.95 0.00	20.45 0.81 0.00	25.02 1.20 0.00	23.78 1.17 0.00	24.06 1.19 0.00	26.12 1.20 0.00	27.13 1.17 0.00	26.65 1.28 0.00	30.59 1.82 0.00	37.30 2.56 0.00	40.06 2.35 0.00	33.30 1.84 0.00	45.52 2.17 0.00	41.66 1.91 0.00	28.97 1.27 0.00	26.77 1.14 0.00
CH_MISC_IPPS 23765	19.43 0.84 0.00	18.25 0.78 0.00	18.11 0.76 0.00	17.47 0.72 0.00	19.76 0.81 0.00	21.68 0.97 0.00	25.20 1.22 0.00	33.48 1.84 0.00	23.75 1.10 0.00	20.57 0.93 0.00	25.17 1.34 0.00	23.94 1.33 0.00	24.20 1.33 0.00	26.29 1.37 0.00	27.29 1.34 0.00	26.81 1.44 0.00	30.81 2.04 0.00	37.57 2.84 0.00	40.34 2.63 0.00	33.54 2.09 0.00	45.84 2.50 0.00	41.96 2.21 0.00	29.17 1.47 0.00	26.94 1.32 0.00
CH_RES_BVR_FALLS 23983	18.47 -0.12 0.00	17.40 -0.07 0.00	17.24 -0.10 0.00	16.68 -0.07 0.00	18.91 -0.04 0.00	20.65 -0.06 0.00	23.91 -0.07 0.00	31.57 -0.07 0.00	22.64 -0.01 0.00	19.65 0.01 0.00	23.74 -0.09 0.00	22.51 -0.10 0.00	22.75 -0.12 0.00	24.78 -0.14 0.00	25.80 -0.15 0.00	25.12 -0.25 0.00	28.33 -0.44 0.00	33.95 -0.78 0.00	37.03 -0.68 0.00	31.04 -0.42 0.00	43.24 -0.11 0.00	39.90 0.15 0.00	27.76 0.06 0.00	25.65 0.03 0.00
CH_RES_NIAGARA 23895	16.81 -1.78 0.00	15.70 -1.77 0.00	15.50 -1.85 0.00	15.01 -1.74 0.00	16.94 -2.01 0.00	18.44 -2.27 0.00	21.22 -2.77 0.00	28.00 -3.64 0.00	20.33 -2.32 0.00	17.76 -1.88 0.00	21.54 -2.28 0.00	20.24 -2.37 0.00	20.56 -2.32 0.00	22.48 -2.44 0.00	23.45 -2.50 0.00	22.77 -2.60 0.00	25.95 -2.82 0.00	31.29 -3.45 0.00	30.75 -3.96 3.00	27.77 -3.28 0.40	37.89 -4.99 0.47	34.55 -4.93 0.27	24.67 -3.03 0.00	23.07 -2.56 0.00
CH_RES_SYRACUSE 23985	18.35 -0.24 0.00	17.23 -0.24 0.00	17.10 -0.24 0.00	16.52 -0.23 0.00	18.70 -0.26 0.00	20.43 -0.28 0.00	23.64 -0.34 0.00	31.18 -0.46 0.00	22.36 -0.29 0.00	19.43 -0.21 0.00	23.61 -0.21 0.00	22.40 -0.21 0.00	22.66 -0.21 0.00	24.67 -0.25 0.00	25.65 -0.31 0.00	25.08 -0.29 0.00	28.60 -0.17 0.00	34.65 -0.09 0.00	37.45 -0.26 0.00	31.21 -0.24 0.00	42.77 -0.57 0.00	39.11 -0.64 0.00	27.26 -0.44 0.00	25.26 -0.36 0.00
CLINTON_WT_PWR 323605	18.53 -0.06 0.00	17.55 0.08 0.00	17.57 0.23 0.00	17.06 0.31 0.00	19.37 0.42 0.00	21.23 0.52 0.00	24.65 0.66 0.00	32.17 0.53 0.00	22.86 0.21 0.00	19.63 -0.01 0.00	23.54 -0.28 0.00	22.41 -0.20 0.00	22.71 -0.16 0.00	24.75 -0.17 0.00	25.95 -0.01 0.00	25.34 -0.02 0.00	28.26 -0.50 0.00	34.09 -0.65 0.00	37.48 -0.23 0.00	31.62 0.17 0.00	44.01 0.67 0.00	40.60 0.85 0.00	28.17 0.48 0.00	25.82 0.19 0.00
CLINTON___LFGE 323618	18.79 0.20 0.00	17.79 0.32 0.00	17.78 0.44 0.00	17.26 0.51 0.00	19.60 0.65 0.00	21.52 0.81 0.00	25.03 1.05 0.00	32.82 1.18 0.00	23.29 0.65 0.00	19.98 0.34 0.00	23.91 0.09 0.00	22.73 0.12 0.00	23.04 0.17 0.00	25.15 0.22 0.00	26.40 0.45 0.00	25.80 0.43 0.00	28.82 0.05 0.00	34.80 0.06 0.00	38.18 0.48 0.00	32.20 0.75 0.00	44.82 1.47 0.00	41.31 1.56 0.00	28.59 0.89 0.00	26.11 0.49 0.00
COBBLENY_34_KV_TB1 80064	17.47 -1.11 0.00	16.33 -1.14 0.00	16.17 -1.18 0.00	15.59 -1.15 0.00	17.66 -1.30 0.00	19.23 -1.48 0.00	22.21 -1.77 0.00	29.49 -2.15 0.00	21.43 -1.22 0.00	18.65 -1.00 0.00	22.71 -1.11 0.00	21.38 -1.23 0.00	21.73 -1.15 0.00	23.77 -1.15 0.00	24.75 -1.21 0.00	24.03 -1.34 0.00	27.51 -1.26 0.00	33.26 -1.47 0.00	35.75 -1.96 0.00	29.87 -1.58 0.00	40.67 -2.67 0.00	36.91 -2.85 0.00	25.99 -1.71 0.00	24.14 -1.48 0.00
COFFEEN___115KV_TB3 355620	18.20 -0.38 0.00	16.98 -0.49 0.00	16.99 -0.35 0.00	16.29 -0.45 0.00	18.75 -0.20 0.00	20.17 -0.54 0.00	23.58 -0.40 0.00	31.24 -0.40 0.00	22.58 -0.06 0.00	19.61 -0.03 0.00	23.87 0.05 0.00	22.71 0.10 0.00	22.72 -0.16 0.00	24.82 -0.10 0.00	25.84 -0.11 0.00	25.13 -0.24 0.00	28.56 -0.21 0.00	34.51 -0.22 0.00	37.19 -0.51 0.00	31.36 -0.10 0.00	43.58 0.23 0.00	40.17 0.41 0.00	27.79 0.09 0.00	25.66 0.04 0.00
COLDSPRG_115KV_BK1 355956	18.26 -0.32 0.00	17.09 -0.38 0.00	16.96 -0.39 0.00	16.33 -0.42 0.00	18.45 -0.50 0.00	20.13 -0.58 0.00	23.32 -0.66 0.00	30.97 -0.67 0.00	22.37 -0.28 0.00	19.49 -0.15 0.00	23.97 0.15 0.00	22.60 -0.01 0.00	23.03 0.16 0.00	25.13 0.21 0.00	26.17 0.21 0.00	25.34 -0.02 0.00	29.16 0.39 0.00	35.33 0.60 0.00	37.84 0.14 0.00	31.60 0.15 0.00	42.78 -0.56 0.00	38.82 -0.93 0.00	27.27 -0.42 0.00	25.34 -0.29 0.00
COLONIE_LFGE___ 323577	19.03 0.44 0.00	17.92 0.45 0.00	17.83 0.49 0.00	17.22 0.47 0.00	19.48 0.53 0.00	21.30 0.59 0.00	24.71 0.73 0.00	32.66 1.02 0.00	23.25 0.60 0.00	20.11 0.47 0.00	24.42 0.60 0.00	23.19 0.58 0.00	23.47 0.60 0.00	25.64 0.71 0.00	26.80 0.84 0.00	26.30 0.93 0.00	29.98 1.21 0.00	36.53 1.79 0.00	39.42 1.71 0.00	32.68 1.23 0.00	44.87 1.53 0.00	40.94 1.19 0.00	28.44 0.75 0.00	26.28 0.66 0.00
COOPERNY_115KV_TB1 80082	19.02 0.43 0.00	17.87 0.40 0.00	17.73 0.38 0.00	17.10 0.36 0.00	19.35 0.39 0.00	21.20 0.49 0.00	24.60 0.62 0.00	32.63 0.99 0.00	23.18 0.54 0.00	20.06 0.41 0.00	24.49 0.66 0.00	23.29 0.68 0.00	23.54 0.66 0.00	25.59 0.67 0.00	26.62 0.67 0.00	26.11 0.74 0.00	29.93 1.16 0.00	36.41 1.67 0.00	39.16 1.45 0.00	32.59 1.14 0.00	44.64 1.30 0.00	40.89 1.14 0.00	28.47 0.77 0.00	26.33 0.70 0.00
COPENHAGEN_WT_PWR 323753	17.99 -0.59 0.00	16.76 -0.71 0.00	16.81 -0.53 0.00	16.10 -0.65 0.00	18.57 -0.38 0.00	19.88 -0.83 0.00	23.21 -0.76 0.00	30.74 -0.90 0.00	22.24 -0.41 0.00	19.32 -0.32 0.00	23.49 -0.34 0.00	22.39 -0.22 0.00	22.37 -0.51 0.00	24.49 -0.43 0.00	25.51 -0.44 0.00	24.77 -0.60 0.00	28.10 -0.67 0.00	33.88 -0.85 0.00	36.53 -1.18 0.00	30.87 -0.59 0.00	43.00 -0.34 0.00	39.72 -0.03 0.00	27.48 -0.22 0.00	25.38 -0.24 0.00
CORNELL_____ 23752	18.70 0.11 0.00	17.56 0.08 0.00	17.42 0.08 0.00	16.80 0.06 0.00	19.02 0.07 0.00	20.81 0.09 0.00	24.16 0.17 0.00	32.03 0.38 0.00	22.94 0.29 0.00	19.90 0.26 0.00	24.28 0.45 0.00	23.01 0.41 0.00	23.28 0.40 0.00	25.36 0.44 0.00	26.38 0.42 0.00	25.81 0.44 0.00	29.52 0.75 0.00	35.84 1.11 0.00	38.65 0.94 0.00	32.22 0.76 0.00	44.07 0.73 0.00	40.28 0.52 0.00	28.05 0.35 0.00	25.94 0.32 0.00

CORONA__69_KV_TB1 355595	19.68 1.09 0.00	18.49 1.02 0.00	18.32 0.97 0.00	17.67 0.93 0.00	19.95 1.00 0.00	21.89 1.18 0.00	25.44 1.46 0.00	33.89 2.25 0.00	23.92 1.27 0.00	20.65 1.01 0.00	25.33 1.51 0.00	24.14 1.53 0.00	24.29 1.42 0.00	26.42 1.49 0.00	27.59 1.64 0.00	27.15 1.78 0.00	31.14 2.37 0.00	38.02 3.28 0.00	40.77 3.06 0.00	33.97 2.52 0.00	49.23 3.07 -2.82	61.77 2.89 -19.12	29.64 1.94 0.00	28.30 1.78 -0.90
CORTLAND__115KV_TB3 80093	18.59 0.00 0.00	17.46 -0.01 0.00	17.32 -0.02 0.00	16.70 -0.04 0.00	18.92 -0.03 0.00	20.69 -0.02 0.00	23.99 0.01 0.00	31.77 0.13 0.00	22.76 0.11 0.00	19.74 0.10 0.00	24.06 0.23 0.00	22.81 0.20 0.00	23.07 0.20 0.00	25.13 0.21 0.00	26.13 0.18 0.00	25.57 0.20 0.00	29.22 0.46 0.00	35.45 0.72 0.00	38.23 0.51 0.00	31.87 0.41 0.00	43.64 0.30 0.00	39.90 0.14 0.00	27.78 0.08 0.00	25.71 0.09 0.00
COXSACKIE__GT 23611	19.58 0.99 0.00	18.43 0.96 0.00	18.32 0.97 0.00	17.69 0.94 0.00	20.01 1.05 0.00	21.90 1.20 0.00	25.53 1.55 0.00	33.83 2.19 0.00	24.14 1.49 0.00	20.68 1.04 0.00	25.06 1.24 0.00	23.81 1.20 0.00	24.22 1.35 0.00	26.50 1.58 0.00	27.84 1.89 0.00	27.42 2.05 0.00	31.39 2.62 0.00	38.22 3.48 0.00	41.34 3.63 0.00	34.21 2.75 0.00	46.89 3.55 0.00	42.66 2.90 0.00	29.56 1.86 0.00	27.21 1.59 0.00
CPV_VALLEY__CC1 323721	19.05 0.47 0.00	17.90 0.43 0.00	17.76 0.42 0.00	17.14 0.39 0.00	19.38 0.42 0.00	21.24 0.53 0.00	24.65 0.67 0.00	32.72 1.08 0.00	23.21 0.57 0.00	20.08 0.44 0.00	24.54 0.71 0.00	23.35 0.74 0.00	23.60 0.73 0.00	25.64 0.72 0.00	26.67 0.71 0.00	26.17 0.80 0.00	30.04 1.27 0.00	36.60 1.86 0.00	39.29 1.59 0.00	32.69 1.23 0.00	44.73 1.39 0.00	40.99 1.24 0.00	28.52 0.83 0.00	26.38 0.75 0.00
CPV_VALLEY__CC2 323722	19.05 0.47 0.00	17.90 0.43 0.00	17.76 0.42 0.00	17.14 0.39 0.00	19.38 0.42 0.00	21.24 0.53 0.00	24.65 0.67 0.00	32.72 1.08 0.00	23.21 0.57 0.00	20.08 0.44 0.00	24.54 0.71 0.00	23.35 0.74 0.00	23.60 0.73 0.00	25.64 0.72 0.00	26.67 0.71 0.00	26.17 0.80 0.00	30.04 1.27 0.00	36.60 1.86 0.00	39.29 1.59 0.00	32.69 1.23 0.00	44.73 1.39 0.00	40.99 1.24 0.00	28.52 0.83 0.00	26.38 0.75 0.00
CRESCENT__HYD 24018	19.03 0.44 0.00	17.92 0.45 0.00	17.83 0.49 0.00	17.22 0.47 0.00	19.48 0.53 0.00	21.30 0.59 0.00	24.71 0.73 0.00	32.66 1.02 0.00	23.25 0.60 0.00	20.11 0.47 0.00	24.42 0.60 0.00	23.19 0.58 0.00	23.47 0.60 0.00	25.64 0.71 0.00	26.80 0.84 0.00	26.30 0.93 0.00	29.98 1.21 0.00	36.53 1.79 0.00	39.42 1.71 0.00	32.68 1.23 0.00	44.87 1.53 0.00	40.94 1.19 0.00	28.44 0.75 0.00	26.28 0.66 0.00
CRICKET__VALLEY_CC1 323756	19.14 0.56 0.00	17.99 0.52 0.00	17.89 0.55 0.00	17.28 0.53 0.00	19.53 0.58 0.00	21.39 0.68 0.00	24.79 0.81 0.00	32.87 1.23 0.00	23.30 0.65 0.00	20.17 0.52 0.00	24.69 0.86 0.00	23.47 0.86 0.00	23.74 0.86 0.00	25.80 0.88 0.00	26.88 0.93 0.00	26.41 1.05 0.00	30.29 1.52 0.00	36.95 2.21 0.00	39.71 2.00 0.00	32.97 1.51 0.00	45.02 1.68 0.00	41.16 1.41 0.00	28.61 0.91 0.00	26.44 0.82 0.00
CRICKET__VALLEY_CC2 323757	19.14 0.56 0.00	17.99 0.52 0.00	17.89 0.55 0.00	17.28 0.53 0.00	19.53 0.58 0.00	21.39 0.68 0.00	24.79 0.81 0.00	32.87 1.23 0.00	23.30 0.65 0.00	20.17 0.52 0.00	24.69 0.86 0.00	23.47 0.86 0.00	23.74 0.86 0.00	25.80 0.88 0.00	26.88 0.93 0.00	26.41 1.05 0.00	30.29 1.52 0.00	36.95 2.21 0.00	39.71 2.00 0.00	32.97 1.51 0.00	45.02 1.68 0.00	41.16 1.41 0.00	28.61 0.91 0.00	26.44 0.82 0.00
CRICKET__VALLEY_CC3 323758	19.14 0.56 0.00	17.99 0.52 0.00	17.89 0.55 0.00	17.28 0.53 0.00	19.53 0.58 0.00	21.39 0.68 0.00	24.79 0.81 0.00	32.87 1.23 0.00	23.30 0.65 0.00	20.17 0.52 0.00	24.69 0.86 0.00	23.47 0.86 0.00	23.74 0.86 0.00	25.80 0.88 0.00	26.88 0.93 0.00	26.41 1.05 0.00	30.29 1.52 0.00	36.95 2.21 0.00	39.71 2.00 0.00	32.97 1.51 0.00	45.02 1.68 0.00	41.16 1.41 0.00	28.61 0.91 0.00	26.44 0.82 0.00
CRUCIBLE__METL_DRP 24180	18.35 -0.23 0.00	17.22 -0.25 0.00	17.10 -0.24 0.00	16.52 -0.23 0.00	18.70 -0.25 0.00	20.43 -0.28 0.00	23.64 -0.34 0.00	31.18 -0.46 0.00	22.36 -0.29 0.00	19.43 -0.21 0.00	23.61 -0.21 0.00	22.40 -0.21 0.00	22.66 -0.21 0.00	24.67 -0.25 0.00	25.64 -0.31 0.00	25.08 -0.29 0.00	28.59 -0.17 0.00	34.65 -0.09 0.00	37.45 -0.26 0.00	31.21 -0.24 0.00	42.77 -0.57 0.00	39.11 -0.64 0.00	27.26 -0.44 0.00	25.26 -0.36 0.00
DAHOWA__HYDRO 323763	19.36 0.78 0.00	18.23 0.76 0.00	18.16 0.81 0.00	17.55 0.81 0.00	19.90 0.95 0.00	21.80 1.09 0.00	25.39 1.41 0.00	33.60 1.95 0.00	23.90 1.25 0.00	20.63 0.98 0.00	25.02 1.20 0.00	23.76 1.15 0.00	24.07 1.20 0.00	26.31 1.39 0.00	27.54 1.59 0.00	27.01 1.65 0.00	30.87 2.11 0.00	37.62 2.88 0.00	40.60 2.88 0.00	33.63 2.18 0.00	46.04 2.70 0.00	41.93 2.18 0.00	29.12 1.42 0.00	26.87 1.24 0.00
DANC__LFGE 323619	17.98 -0.60 0.00	16.81 -0.67 0.00	16.78 -0.56 0.00	16.12 -0.62 0.00	18.47 -0.48 0.00	19.93 -0.78 0.00	23.18 -0.80 0.00	30.64 -1.00 0.00	22.11 -0.54 0.00	19.21 -0.43 0.00	23.34 -0.48 0.00	22.21 -0.40 0.00	22.29 -0.58 0.00	24.36 -0.56 0.00	25.34 -0.61 0.00	24.68 -0.69 0.00	28.05 -0.72 0.00	33.90 -0.84 0.00	36.58 -1.13 0.00	30.74 -0.71 0.00	42.56 -0.78 0.00	39.17 -0.58 0.00	27.17 -0.52 0.00	25.14 -0.49 0.00
DANSKAMMER__1 23586	19.43 0.84 0.00	18.25 0.78 0.00	18.11 0.76 0.00	17.47 0.72 0.00	19.76 0.81 0.00	21.68 0.97 0.00	25.20 1.22 0.00	33.48 1.84 0.00	23.75 1.10 0.00	20.57 0.93 0.00	25.17 1.34 0.00	23.94 1.33 0.00	24.20 1.33 0.00	26.29 1.37 0.00	27.29 1.34 0.00	26.81 1.44 0.00	30.81 2.04 0.00	37.57 2.84 0.00	40.34 2.63 0.00	33.54 2.09 0.00	45.84 2.50 0.00	41.96 2.21 0.00	29.17 1.47 0.00	26.94 1.32 0.00
DANSKAMMER__2 23589	19.43 0.84 0.00	18.25 0.78 0.00	18.11 0.76 0.00	17.47 0.72 0.00	19.76 0.81 0.00	21.68 0.97 0.00	25.20 1.22 0.00	33.48 1.84 0.00	23.75 1.10 0.00	20.57 0.93 0.00	25.17 1.34 0.00	23.94 1.33 0.00	24.20 1.33 0.00	26.29 1.37 0.00	27.29 1.34 0.00	26.81 1.44 0.00	30.81 2.04 0.00	37.57 2.84 0.00	40.34 2.63 0.00	33.54 2.09 0.00	45.84 2.50 0.00	41.96 2.21 0.00	29.17 1.47 0.00	26.94 1.32 0.00
DANSKAMMER__3 23590	19.43 0.84 0.00	18.25 0.78 0.00	18.11 0.76 0.00	17.47 0.72 0.00	19.76 0.81 0.00	21.68 0.97 0.00	25.20 1.22 0.00	33.48 1.84 0.00	23.75 1.10 0.00	20.57 0.93 0.00	25.17 1.34 0.00	23.94 1.33 0.00	24.20 1.33 0.00	26.29 1.37 0.00	27.29 1.34 0.00	26.81 1.44 0.00	30.81 2.04 0.00	37.57 2.84 0.00	40.34 2.63 0.00	33.54 2.09 0.00	45.84 2.50 0.00	41.96 2.21 0.00	29.17 1.47 0.00	26.94 1.32 0.00

DANSKAMMER___4 23591	19.43 0.84 0.00	18.25 0.78 0.00	18.11 0.76 0.00	17.47 0.72 0.00	19.76 0.81 0.00	21.68 0.97 0.00	25.20 1.22 0.00	33.48 1.84 0.00	23.75 1.10 0.00	20.57 0.93 0.00	25.17 1.34 0.00	23.94 1.33 0.00	24.20 1.33 0.00	26.29 1.37 0.00	27.29 1.34 0.00	26.81 1.44 0.00	30.81 2.04 0.00	37.57 2.84 0.00	40.34 2.63 0.00	33.54 2.09 0.00	45.84 2.50 0.00	41.96 2.21 0.00	29.17 1.47 0.00	26.94 1.32 0.00
DANSKAMMER___DIESEL 23592	19.43 0.84 0.00	18.25 0.78 0.00	18.11 0.76 0.00	17.48 0.73 0.00	19.76 0.82 0.00	21.68 0.97 0.00	25.20 1.22 0.00	33.48 1.84 0.00	23.75 1.11 0.00	20.57 0.93 0.00	25.17 1.34 0.00	23.94 1.33 0.00	24.20 1.33 0.00	26.29 1.37 0.00	27.29 1.34 0.00	26.81 1.45 0.00	30.81 2.04 0.00	37.57 2.84 0.00	40.34 2.63 0.00	33.54 2.09 0.00	45.85 2.50 0.00	41.97 2.22 0.00	29.17 1.48 0.00	26.94 1.32 0.00
DARBY___SOLAR 323810	19.31 0.73 0.00	18.18 0.71 0.00	18.10 0.75 0.00	17.49 0.74 0.00	19.83 0.87 0.00	21.71 1.00 0.00	25.27 1.29 0.00	33.42 1.78 0.00	23.78 1.13 0.00	20.53 0.89 0.00	24.90 1.07 0.00	23.66 1.04 0.00	23.97 1.09 0.00	26.19 1.27 0.00	27.40 1.45 0.00	26.88 1.51 0.00	30.71 1.94 0.00	37.40 2.66 0.00	40.37 2.66 0.00	33.45 2.00 0.00	45.82 2.47 0.00	41.74 1.99 0.00	28.99 1.30 0.00	26.76 1.14 0.00
DASHVILLE___HYD 23610	19.20 0.62 0.00	18.04 0.57 0.00	17.89 0.55 0.00	17.27 0.52 0.00	19.54 0.59 0.00	21.42 0.71 0.00	24.88 0.90 0.00	33.02 1.38 0.00	23.62 0.97 0.00	20.81 1.17 0.00	25.51 1.69 0.00	24.25 1.64 0.00	24.52 1.65 0.00	26.40 1.48 0.00	26.92 0.96 0.00	26.44 1.07 0.00	30.36 1.59 0.00	36.98 2.24 0.00	39.74 2.03 0.00	33.07 1.61 0.00	45.20 1.86 0.00	41.41 1.65 0.00	28.80 1.10 0.00	26.60 0.98 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	20.22 1.63 0.00	19.02 1.55 0.00	18.83 1.49 0.00	18.20 1.45 0.00	20.47 1.52 0.00	22.47 1.76 0.00	25.95 1.97 0.00	34.63 2.99 0.00	24.26 1.62 0.00	20.87 1.23 0.00	25.63 1.80 0.00	24.39 1.78 0.00	24.44 1.57 0.00	26.58 1.66 0.00	27.90 1.95 0.00	27.55 2.18 0.00	31.68 2.91 0.00	38.67 3.94 0.00	41.42 3.71 0.00	34.59 3.13 0.00	50.05 3.89 -2.82	62.48 3.60 -19.12	30.08 2.38 0.00	28.82 2.31 -0.90
DELAWARE___LFGE 323621	18.95 0.36 0.00	17.81 0.34 0.00	17.67 0.33 0.00	17.05 0.30 0.00	19.27 0.31 0.00	21.09 0.38 0.00	24.47 0.49 0.00	32.45 0.81 0.00	23.16 0.52 0.00	20.07 0.42 0.00	24.46 0.63 0.00	23.23 0.62 0.00	23.46 0.58 0.00	25.53 0.61 0.00	26.59 0.64 0.00	26.03 0.67 0.00	29.78 1.01 0.00	36.12 1.38 0.00	38.95 1.25 0.00	32.47 1.01 0.00	44.52 1.18 0.00	40.80 1.05 0.00	28.41 0.71 0.00	26.27 0.64 0.00
DERFIELD_115KV_TB7 355931	18.60 0.01 0.00	17.49 0.02 0.00	17.36 0.02 0.00	16.77 0.02 0.00	18.97 0.02 0.00	20.73 0.02 0.00	24.02 0.03 0.00	31.75 0.10 0.00	22.70 0.05 0.00	19.67 0.02 0.00	23.89 0.06 0.00	22.68 0.07 0.00	22.94 0.07 0.00	24.99 0.07 0.00	26.03 0.08 0.00	25.47 0.10 0.00	29.01 0.24 0.00	35.11 0.38 0.00	37.99 0.28 0.00	31.64 0.18 0.00	43.55 0.21 0.00	39.90 0.15 0.00	27.77 0.08 0.00	25.69 0.07 0.00
DOGLEVILLE___HYD 23807	18.50 -0.08 0.00	17.42 -0.05 0.00	17.33 -0.01 0.00	16.70 -0.05 0.00	18.83 -0.12 0.00	20.65 -0.06 0.00	23.98 0.00 0.00	31.82 0.17 0.00	22.59 -0.06 0.00	19.38 -0.27 0.00	23.50 -0.33 0.00	22.42 -0.19 0.00	22.66 -0.21 0.00	24.78 -0.14 0.00	25.96 0.00 0.00	25.57 0.21 0.00	29.43 0.66 0.00	36.02 1.29 0.00	38.72 1.01 0.00	32.12 0.66 0.00	44.11 0.76 0.00	40.17 0.42 0.00	27.85 0.15 0.00	25.65 0.03 0.00
DUNKIRK___115KV_TB_200 55889	17.42 -1.17 0.00	16.29 -1.18 0.00	16.14 -1.20 0.00	15.54 -1.20 0.00	17.57 -1.38 0.00	19.16 -1.55 0.00	22.22 -1.76 0.00	29.53 -2.11 0.00	21.39 -1.26 0.00	18.61 -1.03 0.00	22.76 -1.06 0.00	21.41 -1.20 0.00	21.81 -1.06 0.00	23.88 -1.05 0.00	24.83 -1.12 0.00	24.09 -1.28 0.00	27.77 -1.00 0.00	33.70 -1.03 0.00	36.18 -1.53 0.00	30.25 -1.20 0.00	40.95 -2.39 0.00	37.13 -2.62 0.00	26.07 -1.63 0.00	24.20 -1.42 0.00
DUNKIRK___1 23563	17.42 -1.17 0.00	16.29 -1.18 0.00	16.14 -1.20 0.00	15.54 -1.20 0.00	17.57 -1.38 0.00	19.16 -1.55 0.00	22.22 -1.76 0.00	29.53 -2.11 0.00	21.39 -1.26 0.00	18.61 -1.03 0.00	22.76 -1.06 0.00	21.41 -1.20 0.00	21.81 -1.06 0.00	23.88 -1.05 0.00	24.83 -1.12 0.00	24.09 -1.28 0.00	27.77 -1.00 0.00	33.70 -1.03 0.00	36.18 -1.53 0.00	30.25 -1.20 0.00	40.95 -2.39 0.00	37.13 -2.62 0.00	26.07 -1.63 0.00	24.20 -1.42 0.00
DUNKIRK___2 23564	17.42 -1.17 0.00	16.29 -1.18 0.00	16.14 -1.20 0.00	15.54 -1.20 0.00	17.57 -1.38 0.00	19.16 -1.55 0.00	22.22 -1.76 0.00	29.53 -2.11 0.00	21.39 -1.26 0.00	18.61 -1.03 0.00	22.76 -1.06 0.00	21.41 -1.20 0.00	21.81 -1.06 0.00	23.88 -1.05 0.00	24.83 -1.12 0.00	24.09 -1.28 0.00	27.77 -1.00 0.00	33.70 -1.03 0.00	36.18 -1.53 0.00	30.25 -1.20 0.00	40.95 -2.39 0.00	37.13 -2.62 0.00	26.07 -1.63 0.00	24.20 -1.42 0.00
DUNKIRK___3 23565	17.43 -1.16 0.00	16.31 -1.16 0.00	16.15 -1.19 0.00	15.56 -1.19 0.00	17.60 -1.36 0.00	19.17 -1.54 0.00	22.19 -1.79 0.00	29.49 -2.15 0.00	21.31 -1.34 0.00	18.55 -1.09 0.00	22.72 -1.10 0.00	21.39 -1.22 0.00	21.78 -1.10 0.00	23.82 -1.10 0.00	24.76 -1.19 0.00	24.02 -1.34 0.00	27.65 -1.12 0.00	33.54 -1.19 0.00	35.98 -1.73 0.00	30.08 -1.38 0.00	40.77 -2.57 0.00	37.01 -2.74 0.00	26.03 -1.67 0.00	24.18 -1.45 0.00
DUNKIRK___4 23566	17.44 -1.15 0.00	16.30 -1.17 0.00	16.15 -1.19 0.00	15.56 -1.19 0.00	17.59 -1.36 0.00	19.18 -1.53 0.00	22.21 -1.78 0.00	29.50 -2.15 0.00	21.36 -1.29 0.00	18.61 -1.04 0.00	22.75 -1.08 0.00	21.40 -1.21 0.00	21.79 -1.09 0.00	23.84 -1.08 0.00	24.81 -1.15 0.00	24.06 -1.31 0.00	27.68 -1.09 0.00	33.55 -1.19 0.00	36.03 -1.68 0.00	30.11 -1.35 0.00	40.82 -2.52 0.00	37.02 -2.74 0.00	26.04 -1.66 0.00	24.18 -1.44 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.38 0.79 0.00	18.21 0.74 0.00	18.05 0.71 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.07 1.09 0.00	33.35 1.71 0.00	23.59 0.94 0.00	20.38 0.74 0.00	24.96 1.13 0.00	23.78 1.17 0.00	24.03 1.16 0.00	26.09 1.17 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.65 1.88 0.00	37.40 2.67 0.00	40.07 2.36 0.00	33.33 1.88 0.00	45.55 2.20 0.00	41.77 2.01 0.00	29.08 1.38 0.00	26.88 1.26 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.29 0.71 0.00	18.13 0.65 0.00	17.98 0.64 0.00	17.36 0.61 0.00	19.62 0.67 0.00	21.53 0.82 0.00	25.01 1.03 0.00	33.22 1.59 0.00	23.58 0.93 0.00	20.42 0.78 0.00	24.97 1.15 0.00	23.76 1.16 0.00	24.01 1.14 0.00	26.06 1.14 0.00	27.06 1.10 0.00	26.58 1.22 0.00	30.54 1.78 0.00	37.25 2.51 0.00	39.98 2.27 0.00	33.25 1.79 0.00	45.47 2.13 0.00	41.64 1.89 0.00	28.95 1.25 0.00	26.75 1.13 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	19.41 0.83 0.00	18.24 0.76 0.00	18.07 0.73 0.00	17.44 0.69 0.00	19.70 0.75 0.00	21.61 0.90 0.00	25.11 1.13 0.00	33.42 1.78 0.00	23.62 0.97 0.00	20.41 0.77 0.00	25.03 1.21 0.00	23.81 1.20 0.00	24.06 1.19 0.00	26.08 1.16 0.00	27.10 1.15 0.00	26.63 1.26 0.00	30.63 1.86 0.00	37.40 2.66 0.00	40.00 2.29 0.00	33.31 1.86 0.00	45.49 2.15 0.00	41.78 2.03 0.00	29.12 1.42 0.00	26.92 1.29 0.00
E179THST_13_KV_LOAD 356214	19.49 0.90 0.00	18.30 0.83 0.00	18.13 0.79 0.00	17.50 0.75 0.00	19.77 0.82 0.00	21.69 0.98 0.00	25.20 1.22 0.00	33.57 1.93 0.00	23.72 1.07 0.00	20.50 0.86 0.00	25.15 1.32 0.00	23.92 1.31 0.00	24.17 1.30 0.00	26.20 1.27 0.00	27.23 1.28 0.00	26.76 1.39 0.00	30.78 2.01 0.00	37.58 2.84 0.00	40.19 2.48 0.00	33.48 2.03 0.00	45.71 2.37 0.00	41.97 2.22 0.00	29.25 1.56 0.00	27.03 1.41 0.00
EAST HAMPTON___GT 23717	20.40 1.82 0.00	19.18 1.71 0.00	19.00 1.66 0.00	18.36 1.61 0.00	20.65 1.70 0.00	22.69 1.98 0.00	26.23 2.25 0.00	34.99 3.35 0.00	24.51 1.86 0.00	21.06 1.42 0.00	25.86 2.04 0.00	24.60 1.99 0.00	24.66 1.79 0.00	26.82 1.90 0.00	28.15 2.19 0.00	27.83 2.47 0.00	32.05 3.28 0.00	39.12 4.39 0.00	41.89 4.19 0.00	34.97 3.52 0.00	50.57 4.41 -2.82	62.93 4.06 -19.12	30.39 2.69 0.00	29.10 2.58 -0.90
EAST RIVER___6 23660	19.42 0.84 0.00	18.22 0.75 0.00	18.07 0.72 0.00	17.42 0.68 0.00	19.70 0.74 0.00	21.60 0.90 0.00	25.09 1.11 0.00	33.44 1.80 0.00	23.64 1.00 0.00	20.44 0.80 0.00	25.03 1.21 0.00	23.87 1.26 0.00	24.13 1.26 0.00	26.17 1.24 0.00	27.23 1.27 0.00	26.74 1.37 0.00	30.76 1.99 0.00	37.54 2.81 0.00	40.15 2.44 0.00	33.40 1.95 0.00	45.60 2.26 0.00	41.87 2.12 0.00	29.17 1.48 0.00	26.97 1.35 0.00
EAST RIVER___7 23524	19.42 0.84 0.00	18.22 0.75 0.00	18.07 0.72 0.00	17.42 0.68 0.00	19.70 0.74 0.00	21.60 0.90 0.00	25.09 1.11 0.00	33.44 1.80 0.00	23.64 1.00 0.00	20.44 0.80 0.00	25.03 1.21 0.00	23.87 1.26 0.00	24.13 1.26 0.00	26.17 1.24 0.00	27.23 1.27 0.00	26.74 1.37 0.00	30.76 1.99 0.00	37.54 2.81 0.00	40.15 2.44 0.00	33.40 1.95 0.00	45.60 2.26 0.00	41.87 2.12 0.00	29.17 1.48 0.00	26.97 1.35 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.35 0.77 0.00	18.18 0.71 0.00	18.03 0.68 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.56 0.86 0.00	25.04 1.06 0.00	33.31 1.66 0.00	23.56 0.91 0.00	20.36 0.72 0.00	24.92 1.10 0.00	23.73 1.12 0.00	23.99 1.12 0.00	26.05 1.13 0.00	27.11 1.15 0.00	26.63 1.26 0.00	30.60 1.83 0.00	37.34 2.60 0.00	40.01 2.30 0.00	33.28 1.82 0.00	45.48 2.14 0.00	41.71 1.96 0.00	29.03 1.34 0.00	26.83 1.21 0.00
EAST_HAMPTON___DIESEL 23722	20.40 1.82 0.00	19.18 1.71 0.00	19.01 1.66 0.00	18.36 1.61 0.00	20.65 1.70 0.00	22.69 1.98 0.00	26.23 2.25 0.00	34.99 3.35 0.00	24.50 1.85 0.00	21.06 1.42 0.00	25.86 2.03 0.00	24.60 1.99 0.00	24.66 1.79 0.00	26.82 1.89 0.00	28.15 2.19 0.00	27.83 2.46 0.00	32.05 3.28 0.00	39.11 4.38 0.00	41.89 4.18 0.00	34.97 3.51 0.00	50.57 4.40 -2.82	62.93 4.05 -19.12	30.38 2.69 0.00	29.10 2.58 -0.90
EAST_PULASKI___ESR 323781	18.04 -0.55 0.00	16.91 -0.56 0.00	16.82 -0.52 0.00	16.20 -0.54 0.00	18.44 -0.52 0.00	20.05 -0.66 0.00	23.23 -0.75 0.00	30.65 -0.99 0.00	22.06 -0.59 0.00	19.16 -0.48 0.00	23.27 -0.55 0.00	22.11 -0.50 0.00	22.29 -0.58 0.00	24.30 -0.62 0.00	25.27 -0.68 0.00	24.68 -0.68 0.00	28.11 -0.66 0.00	34.03 -0.71 0.00	36.77 -0.94 0.00	30.74 -0.72 0.00	42.32 -1.02 0.00	38.78 -0.98 0.00	26.97 -0.72 0.00	24.98 -0.65 0.00
EAST_RIVER___1 323558	19.40 0.82 0.00	18.21 0.74 0.00	18.06 0.72 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.60 0.89 0.00	25.07 1.09 0.00	33.41 1.77 0.00	23.60 0.95 0.00	20.40 0.76 0.00	24.98 1.15 0.00	23.82 1.21 0.00	24.08 1.21 0.00	26.11 1.18 0.00	27.17 1.21 0.00	26.68 1.31 0.00	30.68 1.91 0.00	37.46 2.73 0.00	40.06 2.35 0.00	33.34 1.88 0.00	45.53 2.19 0.00	41.82 2.07 0.00	29.14 1.44 0.00	26.94 1.32 0.00
EAST_RIVER___2 323559	19.42 0.84 0.00	18.22 0.75 0.00	18.07 0.72 0.00	17.42 0.68 0.00	19.70 0.74 0.00	21.60 0.90 0.00	25.09 1.11 0.00	33.44 1.80 0.00	23.64 1.00 0.00	20.44 0.80 0.00	25.03 1.21 0.00	23.87 1.26 0.00	24.13 1.26 0.00	26.17 1.24 0.00	27.23 1.27 0.00	26.74 1.37 0.00	30.76 1.99 0.00	37.54 2.81 0.00	40.15 2.44 0.00	33.40 1.95 0.00	45.60 2.26 0.00	41.87 2.12 0.00	29.17 1.48 0.00	26.97 1.35 0.00
EAST___DELAWARE_HYD 23607	19.61 1.02 0.00	18.40 0.93 0.00	18.25 0.91 0.00	17.62 0.87 0.00	19.94 0.99 0.00	21.90 1.19 0.00	25.46 1.48 0.00	33.85 2.21 0.00	24.06 1.41 0.00	20.88 1.23 0.00	25.49 1.66 0.00	24.22 1.61 0.00	24.48 1.61 0.00	26.54 1.62 0.00	27.51 1.56 0.00	27.04 1.67 0.00	31.14 2.37 0.00	37.96 3.23 0.00	40.80 3.09 0.00	33.94 2.48 0.00	46.41 3.07 0.00	42.45 2.70 0.00	29.50 1.80 0.00	27.24 1.62 0.00
EIGHT_POINT___WT_PWR 323820	16.63 -1.95 0.00	15.47 -2.01 0.00	15.33 -2.02 0.00	14.87 -1.88 0.00	16.97 -1.98 0.00	18.57 -2.14 0.00	21.49 -2.49 0.00	28.87 -2.78 -0.01	20.71 -1.94 0.00	17.96 -1.69 0.00	21.87 -1.95 0.00	20.62 -1.99 0.00	20.90 -1.97 0.00	22.81 -2.11 0.00	23.72 -2.23 0.00	23.21 -2.16 0.00	26.82 -1.95 0.00	33.11 -1.63 0.00	36.83 -2.11 -1.24	29.89 -1.74 -0.16	40.70 -2.84 -0.19	37.16 -2.71 -0.11	25.91 -1.78 0.00	23.77 -1.85 0.00
ELBRIDGE_115KV_TB2 80188	18.24 -0.34 0.00	17.13 -0.34 0.00	17.01 -0.33 0.00	16.43 -0.32 0.00	18.58 -0.37 0.00	20.32 -0.39 0.00	23.50 -0.48 0.00	31.01 -0.63 0.00	22.23 -0.42 0.00	19.33 -0.31 0.00	23.50 -0.32 0.00	22.29 -0.32 0.00	22.54 -0.33 0.00	24.55 -0.37 0.00	25.52 -0.44 0.00	24.95 -0.41 0.00	28.45 -0.32 0.00	34.48 -0.26 0.00	37.24 -0.47 0.00	31.05 -0.40 0.00	42.50 -0.84 0.00	38.88 -0.87 0.00	27.13 -0.57 0.00	25.14 -0.48 0.00
ELEC_TRO_TEK 24086	19.60 1.01 0.00	18.41 0.94 0.00	18.25 0.90 0.00	17.61 0.86 0.00	19.87 0.91 0.00	21.80 1.09 0.00	25.31 1.33 0.00	33.73 2.09 0.00	23.80 1.15 0.00	20.55 0.91 0.00	25.22 1.40 0.00	24.02 1.41 0.00	24.18 1.31 0.00	26.29 1.37 0.00	27.46 1.51 0.00	27.01 1.65 0.00	31.02 2.25 0.00	37.86 3.12 0.00	40.58 2.87 0.00	33.81 2.36 0.00	49.00 2.84 -2.82	61.48 2.61 -19.12	29.45 1.75 0.00	28.14 1.63 -0.90
ELLENBURG_WT_PWR 323604	18.53 -0.06 0.00	17.55 0.08 0.00	17.57 0.23 0.00	17.06 0.31 0.00	19.37 0.42 0.00	21.23 0.52 0.00	24.65 0.66 0.00	32.17 0.53 0.00	22.86 0.21 0.00	19.63 -0.01 0.00	23.54 -0.28 0.00	22.41 -0.20 0.00	22.71 -0.16 0.00	24.75 -0.17 0.00	25.95 -0.01 0.00	25.34 -0.02 0.00	28.26 -0.50 0.00	34.09 -0.65 0.00	37.48 -0.23 0.00	31.62 0.17 0.00	44.01 0.67 0.00	40.60 0.85 0.00	28.17 0.48 0.00	25.82 0.19 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.28 -1.30 0.00	16.15 -1.32 0.00	15.99 -1.35 0.00	15.42 -1.32 0.00	17.45 -1.51 0.00	19.00 -1.71 0.00	21.92 -2.06 0.00	29.08 -2.56 0.00	21.11 -1.54 0.00	18.42 -1.23 0.00	22.43 -1.40 0.00	21.09 -1.52 0.00	21.44 -1.44 0.00	23.45 -1.47 0.00	24.44 -1.52 0.00	23.71 -1.66 0.00	27.13 -1.64 0.00	32.78 -1.96 0.00	35.24 -2.47 0.00	29.44 -2.01 0.00	40.07 -3.27 0.00	36.36 -3.39 0.00	25.65 -2.05 0.00	23.85 -1.77 0.00
EMPIRE_CC_1 323656	18.85 0.26 0.00	17.76 0.28 0.00	17.66 0.32 0.00	17.06 0.31 0.00	19.28 0.33 0.00	21.05 0.34 0.00	24.32 0.34 0.00	32.14 0.49 0.00	22.88 0.23 0.00	19.85 0.20 0.00	24.11 0.28 0.00	22.91 0.30 0.00	23.18 0.31 0.00	25.32 0.40 0.00	26.42 0.46 0.00	25.92 0.55 0.00	29.50 0.73 0.00	35.92 1.19 0.00	38.78 1.07 0.00	32.15 0.69 0.00	44.11 0.77 0.00	40.29 0.54 0.00	28.08 0.38 0.00	25.96 0.34 0.00
EMPIRE_CC_2 323658	18.85 0.26 0.00	17.76 0.28 0.00	17.66 0.32 0.00	17.06 0.31 0.00	19.28 0.33 0.00	21.05 0.34 0.00	24.32 0.34 0.00	32.14 0.49 0.00	22.88 0.23 0.00	19.85 0.20 0.00	24.11 0.28 0.00	22.91 0.30 0.00	23.18 0.31 0.00	25.32 0.40 0.00	26.42 0.46 0.00	25.92 0.55 0.00	29.50 0.73 0.00	35.92 1.19 0.00	38.78 1.07 0.00	32.15 0.69 0.00	44.11 0.77 0.00	40.29 0.54 0.00	28.08 0.38 0.00	25.96 0.34 0.00
ENORWICH_115KV_TB1 80156	19.50 0.91 0.00	18.36 0.89 0.00	18.28 0.93 0.00	17.47 0.72 0.00	19.67 0.72 0.00	21.58 0.87 0.00	25.29 1.32 0.00	33.76 2.12 0.00	24.13 1.48 0.00	20.76 1.12 0.00	25.47 1.64 0.00	24.14 1.53 0.00	24.32 1.44 0.00	26.40 1.48 0.00	27.60 1.65 0.00	27.10 1.74 0.00	31.29 2.52 0.00	37.99 3.25 0.00	40.81 3.10 0.00	34.17 2.71 0.00	46.81 3.47 0.00	42.94 3.19 0.00	29.85 2.15 0.00	27.50 1.88 0.00
ERIE_ST__34_KV_TB1-2 80199	17.84 -0.74 0.00	16.68 -0.79 0.00	16.51 -0.83 0.00	15.92 -0.83 0.00	18.02 -0.93 0.00	19.63 -1.08 0.00	22.63 -1.35 0.00	30.07 -1.58 0.00	21.78 -0.87 0.00	19.01 -0.64 0.00	23.21 -0.62 0.00	21.85 -0.76 0.00	22.23 -0.65 0.00	24.29 -0.63 0.00	25.30 -0.66 0.00	24.55 -0.82 0.00	28.08 -0.69 0.00	33.87 -0.87 0.00	36.38 -1.33 0.00	30.40 -1.06 0.00	41.38 -1.96 0.00	37.52 -2.23 0.00	26.48 -1.22 0.00	24.60 -1.03 0.00
ERIE_WT_PWR 323693	17.41 -1.18 0.00	16.28 -1.19 0.00	16.08 -1.26 0.00	15.55 -1.20 0.00	17.58 -1.37 0.00	19.16 -1.56 0.00	22.11 -1.87 0.00	29.36 -2.28 0.00	21.28 -1.36 0.00	18.56 -1.08 0.00	22.65 -1.17 0.00	21.30 -1.31 0.00	21.66 -1.21 0.00	23.70 -1.22 0.00	24.69 -1.27 0.00	23.95 -1.42 0.00	27.44 -1.33 0.00	33.15 -1.59 0.00	32.22 -2.08 3.41	29.32 -1.68 0.46	39.95 -2.86 0.53	36.45 -2.99 0.31	25.90 -1.79 0.00	24.07 -1.56 0.00
ESPRGFLD_115KV_TB1 80157	19.37 0.79 0.00	18.17 0.70 0.00	18.03 0.68 0.00	17.36 0.61 0.00	19.62 0.67 0.00	21.52 0.81 0.00	24.96 0.98 0.00	33.05 1.41 0.00	23.78 1.13 0.00	20.64 1.00 0.00	24.96 1.13 0.00	23.65 1.04 0.00	23.94 1.07 0.00	26.08 1.16 0.00	27.14 1.18 0.00	26.48 1.11 0.00	30.24 1.47 0.00	36.47 1.74 0.00	39.51 1.80 0.00	33.06 1.60 0.00	45.48 2.13 0.00	41.78 2.03 0.00	29.13 1.44 0.00	26.92 1.30 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.68 0.09 0.00	17.54 0.07 0.00	17.41 0.07 0.00	16.79 0.04 0.00	19.00 0.05 0.00	20.79 0.08 0.00	24.13 0.15 0.00	31.99 0.35 0.00	22.91 0.26 0.00	19.87 0.23 0.00	24.24 0.42 0.00	22.98 0.37 0.00	23.24 0.36 0.00	25.32 0.39 0.00	26.34 0.38 0.00	25.77 0.40 0.00	29.47 0.70 0.00	35.77 1.04 0.00	38.57 0.87 0.00	32.16 0.70 0.00	43.99 0.64 0.00	40.22 0.47 0.00	28.01 0.31 0.00	25.91 0.29 0.00
ETNA____115KV_TB2 80207	18.68 0.09 0.00	17.54 0.07 0.00	17.41 0.07 0.00	16.79 0.04 0.00	19.00 0.05 0.00	20.79 0.08 0.00	24.13 0.15 0.00	31.99 0.35 0.00	22.91 0.26 0.00	19.87 0.23 0.00	24.24 0.42 0.00	22.98 0.37 0.00	23.24 0.36 0.00	25.32 0.39 0.00	26.34 0.38 0.00	25.77 0.40 0.00	29.47 0.70 0.00	35.77 1.04 0.00	38.57 0.87 0.00	32.16 0.70 0.00	43.99 0.64 0.00	40.22 0.47 0.00	28.01 0.31 0.00	25.91 0.29 0.00
EUCLID___115KV_TB2 356179	18.16 -0.43 0.00	17.05 -0.42 0.00	16.92 -0.42 0.00	16.33 -0.41 0.00	18.50 -0.46 0.00	20.20 -0.51 0.00	23.33 -0.65 0.00	30.74 -0.90 0.00	22.08 -0.57 0.00	19.18 -0.46 0.00	23.30 -0.53 0.00	22.10 -0.51 0.00	22.35 -0.52 0.00	24.34 -0.58 0.00	25.31 -0.64 0.00	24.75 -0.62 0.00	28.21 -0.56 0.00	34.15 -0.58 0.00	36.91 -0.80 0.00	30.76 -0.70 0.00	42.18 -1.16 0.00	38.57 -1.18 0.00	26.89 -0.80 0.00	24.94 -0.69 0.00
E_CANADA_CAP_HY 24051	19.54 0.96 0.00	18.32 0.85 0.00	18.18 0.84 0.00	17.53 0.78 0.00	19.82 0.87 0.00	21.74 1.03 0.00	25.21 1.23 0.00	33.28 1.64 0.00	24.00 1.35 0.00	20.80 1.16 0.00	24.95 1.13 0.00	23.62 1.01 0.00	24.01 1.14 0.00	26.21 1.28 0.00	27.29 1.33 0.00	26.63 1.27 0.00	30.33 1.56 0.00	36.52 1.79 0.00	39.68 1.97 0.00	33.19 1.74 0.00	45.73 2.39 0.00	42.01 2.26 0.00	29.31 1.61 0.00	27.06 1.44 0.00
E_CANADA_MHWK_HY 24050	18.50 -0.08 0.00	17.42 -0.05 0.00	17.33 -0.01 0.00	16.70 -0.05 0.00	18.83 -0.12 0.00	20.65 -0.06 0.00	23.98 0.00 0.00	31.82 0.17 0.00	22.59 -0.06 0.00	19.38 -0.27 0.00	23.50 -0.33 0.00	22.42 -0.19 0.00	22.66 -0.21 0.00	24.78 -0.14 0.00	25.96 0.00 0.00	25.57 0.21 0.00	29.43 0.66 0.00	36.02 1.29 0.00	38.72 1.01 0.00	32.12 0.66 0.00	44.11 0.76 0.00	40.17 0.42 0.00	27.85 0.15 0.00	25.65 0.03 0.00
E_FISHKILL___LBMP 23776	19.24 0.65 0.00	18.08 0.61 0.00	17.94 0.59 0.00	17.32 0.57 0.00	19.57 0.63 0.00	21.46 0.75 0.00	24.91 0.93 0.00	33.08 1.43 0.00	23.43 0.78 0.00	20.26 0.62 0.00	24.79 0.96 0.00	23.59 0.98 0.00	23.84 0.97 0.00	25.91 0.98 0.00	26.97 1.02 0.00	26.49 1.12 0.00	30.41 1.64 0.00	37.08 2.34 0.00	39.79 2.08 0.00	33.09 1.63 0.00	45.22 1.88 0.00	41.43 1.68 0.00	28.83 1.13 0.00	26.64 1.02 0.00
FALCON___SEABRD_CC1 323796	18.77 0.18 0.00	17.78 0.31 0.00	17.78 0.44 0.00	17.25 0.50 0.00	19.60 0.65 0.00	21.50 0.79 0.00	25.00 1.02 0.00	32.70 1.05 0.00	23.17 0.52 0.00	19.87 0.22 0.00	23.86 0.03 0.00	22.68 0.07 0.00	22.98 0.11 0.00	25.09 0.17 0.00	26.35 0.40 0.00	25.74 0.37 0.00	28.74 -0.03 0.00	34.68 -0.05 0.00	38.00 0.29 0.00	32.05 0.59 0.00	44.63 1.29 0.00	41.16 1.41 0.00	28.44 0.75 0.00	25.94 0.31 0.00
FALCON___SEABRD_CC2 323797	18.77 0.18 0.00	17.78 0.31 0.00	17.78 0.44 0.00	17.25 0.50 0.00	19.60 0.65 0.00	21.50 0.79 0.00	25.00 1.02 0.00	32.70 1.05 0.00	23.17 0.52 0.00	19.87 0.22 0.00	23.86 0.03 0.00	22.68 0.07 0.00	22.98 0.11 0.00	25.09 0.17 0.00	26.35 0.40 0.00	25.74 0.37 0.00	28.74 -0.03 0.00	34.68 -0.05 0.00	38.00 0.29 0.00	32.05 0.59 0.00	44.63 1.29 0.00	41.16 1.41 0.00	28.44 0.75 0.00	25.94 0.31 0.00

FAR ROCKAWAY___4 23548	19.80 1.21 0.00	18.60 1.13 0.00	18.42 1.08 0.00	17.78 1.04 0.00	20.06 1.11 0.00	22.03 1.32 0.00	25.61 1.63 0.00	34.13 2.48 0.00	24.09 1.45 0.00	20.79 1.15 0.00	25.51 1.68 0.00	24.30 1.69 0.00	24.45 1.58 0.00	26.59 1.67 0.00	27.79 1.84 0.00	27.34 1.98 0.00	31.19 2.43 0.00	38.10 3.37 0.00	40.87 3.16 0.00	34.05 2.59 0.00	49.37 3.21 -2.82	62.10 3.22 -19.12	29.85 2.15 0.00	28.48 1.96 -0.90
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.42 0.83 0.00	18.23 0.75 0.00	18.06 0.72 0.00	17.43 0.68 0.00	19.70 0.74 0.00	21.61 0.90 0.00	25.08 1.11 0.00	33.42 1.78 0.00	23.61 0.96 0.00	20.41 0.77 0.00	24.99 1.16 0.00	23.82 1.21 0.00	24.09 1.22 0.00	26.10 1.18 0.00	27.17 1.21 0.00	26.69 1.32 0.00	30.69 1.92 0.00	37.46 2.73 0.00	40.07 2.36 0.00	33.34 1.89 0.00	45.54 2.20 0.00	41.83 2.07 0.00	29.16 1.46 0.00	26.95 1.33 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.42 0.84 0.00	18.24 0.77 0.00	18.08 0.74 0.00	17.44 0.69 0.00	19.71 0.76 0.00	21.62 0.91 0.00	25.11 1.13 0.00	33.44 1.80 0.00	23.63 0.98 0.00	20.42 0.77 0.00	25.00 1.18 0.00	23.83 1.22 0.00	24.10 1.22 0.00	26.13 1.21 0.00	27.19 1.23 0.00	26.70 1.34 0.00	30.71 1.94 0.00	37.49 2.76 0.00	40.10 2.39 0.00	33.37 1.92 0.00	45.58 2.24 0.00	41.86 2.11 0.00	29.18 1.48 0.00	26.98 1.35 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.40 0.82 0.00	18.22 0.75 0.00	18.06 0.72 0.00	17.42 0.68 0.00	19.69 0.74 0.00	21.60 0.90 0.00	25.08 1.10 0.00	33.41 1.77 0.00	23.60 0.96 0.00	20.40 0.76 0.00	24.98 1.15 0.00	23.81 1.20 0.00	24.07 1.20 0.00	26.10 1.18 0.00	27.16 1.21 0.00	26.68 1.31 0.00	30.68 1.91 0.00	37.45 2.72 0.00	40.05 2.34 0.00	33.34 1.88 0.00	45.53 2.19 0.00	41.82 2.07 0.00	29.14 1.44 0.00	26.95 1.32 0.00
FARRAGUT___LBMP 323566	19.40 0.81 0.00	18.21 0.74 0.00	18.05 0.70 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.06 1.08 0.00	33.39 1.75 0.00	23.58 0.94 0.00	20.38 0.74 0.00	24.95 1.13 0.00	23.79 1.18 0.00	24.05 1.18 0.00	26.08 1.16 0.00	27.14 1.18 0.00	26.65 1.29 0.00	30.65 1.88 0.00	37.41 2.68 0.00	40.01 2.30 0.00	33.31 1.85 0.00	45.49 2.15 0.00	41.79 2.04 0.00	29.13 1.43 0.00	26.93 1.30 0.00
FENNER___WINDPWR 24204	18.75 0.16 0.00	17.61 0.14 0.00	17.47 0.13 0.00	16.82 0.07 0.00	19.07 0.12 0.00	20.85 0.14 0.00	24.26 0.27 0.00	32.10 0.46 0.00	23.01 0.36 0.00	19.98 0.33 0.00	24.28 0.45 0.00	23.04 0.43 0.00	23.29 0.41 0.00	25.36 0.44 0.00	26.41 0.46 0.00	25.86 0.48 0.00	29.54 0.77 0.00	35.73 0.99 0.00	38.55 0.84 0.00	32.17 0.72 0.00	44.21 0.87 0.00	40.47 0.72 0.00	28.14 0.44 0.00	26.00 0.38 0.00
FIBERTEK___ENERGY 23856	18.35 -0.23 0.00	17.22 -0.25 0.00	17.10 -0.24 0.00	16.52 -0.23 0.00	18.70 -0.25 0.00	20.43 -0.28 0.00	23.64 -0.34 0.00	31.18 -0.46 0.00	22.36 -0.29 0.00	19.43 -0.21 0.00	23.61 -0.21 0.00	22.40 -0.21 0.00	22.66 -0.21 0.00	24.67 -0.25 0.00	25.64 -0.31 0.00	25.08 -0.29 0.00	28.59 -0.17 0.00	34.65 -0.09 0.00	37.45 -0.26 0.00	31.21 -0.24 0.00	42.77 -0.57 0.00	39.11 -0.64 0.00	27.26 -0.44 0.00	25.26 -0.36 0.00
FITZPATRICK___ 23598	17.96 -0.63 0.00	16.86 -0.61 0.00	16.74 -0.60 0.00	16.16 -0.59 0.00	18.29 -0.66 0.00	19.97 -0.74 0.00	23.05 -0.93 0.00	30.34 -1.30 0.00	21.79 -0.85 0.00	18.94 -0.70 0.00	22.97 -0.85 0.00	21.80 -0.81 0.00	22.04 -0.83 0.00	24.01 -0.91 0.00	24.95 -1.01 0.00	24.40 -0.97 0.00	27.77 -1.00 0.00	33.59 -1.15 0.00	36.34 -1.37 0.00	30.30 -1.16 0.00	41.59 -1.76 0.00	38.06 -1.69 0.00	26.55 -1.14 0.00	24.65 -0.98 0.00
FLOWRFLD_69_KV_BK1 356044	19.95 1.37 0.00	18.75 1.28 0.00	18.56 1.22 0.00	17.93 1.18 0.00	20.16 1.21 0.00	22.10 1.39 0.00	25.58 1.60 0.00	34.14 2.50 0.00	23.92 1.27 0.00	20.66 1.01 0.00	25.42 1.60 0.00	24.22 1.61 0.00	24.32 1.45 0.00	26.46 1.54 0.00	27.76 1.80 0.00	27.35 1.98 0.00	31.39 2.62 0.00	38.24 3.51 0.00	40.98 3.27 0.00	34.26 2.81 0.00	49.62 3.45 -2.82	62.05 3.18 -19.12	29.80 2.10 0.00	28.51 1.99 -0.90
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.46 0.87 0.00	18.28 0.81 0.00	18.14 0.79 0.00	17.51 0.76 0.00	19.80 0.84 0.00	21.72 1.01 0.00	25.25 1.27 0.00	33.54 1.90 0.00	23.79 1.14 0.00	20.60 0.96 0.00	25.21 1.39 0.00	23.98 1.37 0.00	24.24 1.37 0.00	26.33 1.41 0.00	27.35 1.39 0.00	26.87 1.50 0.00	30.88 2.11 0.00	37.65 2.91 0.00	40.42 2.71 0.00	33.61 2.16 0.00	45.93 2.59 0.00	42.05 2.30 0.00	29.23 1.53 0.00	26.99 1.36 0.00
FORT ORANGE___ 23900	18.84 0.26 0.00	17.75 0.28 0.00	17.64 0.29 0.00	17.03 0.28 0.00	19.24 0.28 0.00	21.02 0.31 0.00	24.38 0.40 0.00	32.24 0.60 0.00	22.97 0.32 0.00	19.86 0.21 0.00	24.14 0.31 0.00	22.92 0.31 0.00	23.21 0.34 0.00	25.34 0.42 0.00	26.47 0.52 0.00	25.99 0.62 0.00	29.65 0.88 0.00	36.06 1.33 0.00	38.94 1.23 0.00	32.31 0.86 0.00	44.32 0.98 0.00	40.48 0.73 0.00	28.14 0.44 0.00	25.98 0.36 0.00
FORT_DRUM_COGEN 23780	18.12 -0.46 0.00	16.90 -0.57 0.00	16.93 -0.42 0.00	16.23 -0.52 0.00	18.67 -0.28 0.00	20.06 -0.65 0.00	23.43 -0.55 0.00	31.03 -0.61 0.00	22.43 -0.22 0.00	19.48 -0.16 0.00	23.68 -0.14 0.00	22.55 -0.06 0.00	22.56 -0.31 0.00	24.67 -0.25 0.00	25.69 -0.27 0.00	24.97 -0.40 0.00	28.35 -0.42 0.00	34.21 -0.52 0.00	36.86 -0.84 0.00	31.10 -0.35 0.00	43.27 -0.07 0.00	39.92 0.17 0.00	27.64 -0.06 0.00	25.53 -0.10 0.00
FOX_HILLS___ESR 323835	19.46 0.87 0.00	18.28 0.81 0.00	18.12 0.78 0.00	17.48 0.74 0.00	19.76 0.81 0.00	21.71 1.00 0.00	25.19 1.21 0.00	33.50 1.86 0.00	23.61 0.96 0.00	20.40 0.75 0.00	24.96 1.14 0.00	23.81 1.20 0.00	24.04 1.16 0.00	26.10 1.19 0.00	27.14 1.18 0.00	26.63 1.26 0.00	30.64 1.87 0.00	37.38 2.64 0.00	39.94 2.24 0.00	33.32 1.86 0.00	45.49 2.14 0.00	41.76 2.01 0.00	29.11 1.41 0.00	26.90 1.28 0.00
FPL_FAR_ROCK_GT1 24212	19.80 1.21 0.00	18.60 1.12 0.00	18.43 1.08 0.00	17.78 1.03 0.00	20.06 1.11 0.00	22.03 1.32 0.00	25.61 1.63 0.00	34.13 2.49 0.00	24.09 1.45 0.00	20.79 1.15 0.00	25.51 1.68 0.00	24.30 1.69 0.00	24.45 1.58 0.00	26.59 1.67 0.00	27.79 1.84 0.00	27.34 1.97 0.00	31.20 2.42 0.00	38.10 3.37 0.00	40.87 3.16 0.00	34.05 2.59 0.00	49.37 3.21 -2.82	62.09 3.21 -19.12	29.85 2.15 0.00	28.48 1.96 -0.90
FPL_FAR_ROCK_GT2 23815	19.80 1.21 0.00	18.60 1.12 0.00	18.43 1.08 0.00	17.78 1.03 0.00	20.06 1.11 0.00	22.03 1.32 0.00	25.61 1.63 0.00	34.13 2.49 0.00	24.09 1.45 0.00	20.79 1.15 0.00	25.51 1.68 0.00	24.30 1.69 0.00	24.45 1.58 0.00	26.59 1.67 0.00	27.79 1.84 0.00	27.34 1.97 0.00	31.20 2.42 0.00	38.10 3.37 0.00	40.87 3.16 0.00	34.05 2.59 0.00	49.37 3.21 -2.82	62.09 3.21 -19.12	29.85 2.15 0.00	28.48 1.96 -0.90



FRANKLIN_FALL_HYD 24054	18.77 0.18 0.00	17.74 0.27 0.00	17.69 0.35 0.00	17.16 0.42 0.00	19.49 0.53 0.00	21.34 0.63 0.00	24.76 0.78 0.00	32.41 0.77 0.00	23.14 0.49 0.00	19.95 0.30 0.00	23.95 0.13 0.00	22.78 0.17 0.00	23.05 0.18 0.00	25.13 0.20 0.00	26.28 0.32 0.00	25.63 0.26 0.00	28.62 -0.15 0.00	34.44 -0.29 0.00	37.92 0.22 0.00	31.98 0.53 0.00	44.48 1.14 0.00	40.98 1.23 0.00	28.48 0.78 0.00	26.12 0.50 0.00
FREEPORT_EQUS_GT1 23764	19.74 1.16 0.00	18.54 1.07 0.00	18.38 1.03 0.00	17.73 0.98 0.00	19.99 1.03 0.00	21.94 1.23 0.00	25.48 1.50 0.00	33.98 2.33 0.00	23.94 1.29 0.00	20.67 1.02 0.00	25.39 1.56 0.00	24.16 1.56 0.00	24.30 1.43 0.00	26.42 1.50 0.00	27.64 1.68 0.00	27.21 1.84 0.00	31.25 2.48 0.00	38.18 3.45 0.00	40.93 3.22 0.00	34.12 2.66 0.00	49.41 3.24 -2.82	61.86 2.98 -19.12	29.69 1.99 0.00	28.35 1.83 -0.90
FREEPORT___CT2 23818	19.74 1.16 0.00	18.54 1.07 0.00	18.38 1.03 0.00	17.73 0.98 0.00	19.99 1.03 0.00	21.94 1.23 0.00	25.48 1.50 0.00	33.98 2.33 0.00	23.94 1.29 0.00	20.67 1.02 0.00	25.39 1.56 0.00	24.16 1.56 0.00	24.30 1.43 0.00	26.42 1.50 0.00	27.64 1.68 0.00	27.21 1.84 0.00	31.25 2.48 0.00	38.18 3.45 0.00	40.93 3.22 0.00	34.12 2.66 0.00	49.41 3.24 -2.82	61.86 2.98 -19.12	29.69 1.99 0.00	28.35 1.83 -0.90
FRESHKLS_33_KV_LOAD 356253	19.49 0.91 0.00	18.32 0.85 0.00	18.16 0.82 0.00	17.52 0.77 0.00	19.80 0.85 0.00	21.76 1.05 0.00	25.23 1.25 0.00	33.54 1.90 0.00	23.62 0.97 0.00	20.40 0.75 0.00	24.96 1.13 0.00	23.81 1.20 0.00	24.04 1.17 0.00	26.11 1.19 0.00	27.14 1.18 0.00	26.63 1.26 0.00	30.64 1.87 0.00	37.38 2.65 0.00	39.95 2.24 0.00	33.32 1.87 0.00	45.49 2.15 0.00	41.77 2.02 0.00	29.11 1.42 0.00	26.90 1.28 0.00
FULTON COGEN____ 23766	18.08 -0.50 0.00	16.98 -0.49 0.00	16.84 -0.50 0.00	16.26 -0.49 0.00	18.42 -0.53 0.00	20.12 -0.59 0.00	23.24 -0.74 0.00	30.63 -1.01 0.00	22.01 -0.64 0.00	19.12 -0.53 0.00	23.20 -0.62 0.00	22.03 -0.58 0.00	22.28 -0.60 0.00	24.26 -0.66 0.00	25.21 -0.75 0.00	24.67 -0.70 0.00	28.11 -0.66 0.00	34.05 -0.68 0.00	36.81 -0.90 0.00	30.66 -0.79 0.00	42.06 -1.29 0.00	38.44 -1.31 0.00	26.79 -0.91 0.00	24.84 -0.78 0.00
FULTON___LFGE 323630	20.39 1.81 0.00	19.12 1.65 0.00	18.96 1.62 0.00	18.29 1.54 0.00	20.71 1.76 0.00	22.82 2.11 0.00	26.64 2.66 0.00	35.33 3.68 0.00	25.20 2.55 0.00	21.25 1.61 0.00	24.99 1.17 0.00	23.99 1.38 0.00	24.74 1.86 0.00	27.48 2.56 0.00	28.71 2.76 0.00	28.18 2.81 0.00	32.31 3.54 0.00	39.12 4.38 0.00	42.36 4.65 0.00	35.32 3.87 0.00	48.48 5.14 0.00	44.26 4.51 0.00	30.71 3.01 0.00	28.28 2.66 0.00
G.F.CEMENT___DRP 24184	19.51 0.93 0.00	18.36 0.89 0.00	18.31 0.96 0.00	17.71 0.97 0.00	20.11 1.15 0.00	22.06 1.35 0.00	25.76 1.78 0.00	34.07 2.42 0.00	24.24 1.59 0.00	20.93 1.29 0.00	25.42 1.60 0.00	24.10 1.49 0.00	24.40 1.53 0.00	26.68 1.76 0.00	27.95 1.99 0.00	27.40 2.04 0.00	31.35 2.58 0.00	38.21 3.47 0.00	41.20 3.50 0.00	34.11 2.66 0.00	46.60 3.26 0.00	42.40 2.65 0.00	29.43 1.73 0.00	27.15 1.53 0.00
GARDENVILLE___LBMP 24039	17.35 -1.24 0.00	16.21 -1.26 0.00	16.05 -1.30 0.00	15.48 -1.27 0.00	17.52 -1.44 0.00	19.07 -1.63 0.00	22.02 -1.96 0.00	29.23 -2.41 0.00	21.19 -1.45 0.00	18.49 -1.15 0.00	22.53 -1.29 0.00	21.20 -1.41 0.00	21.55 -1.32 0.00	23.58 -1.34 0.00	24.57 -1.39 0.00	23.84 -1.53 0.00	27.30 -1.47 0.00	33.01 -1.73 0.00	35.47 -2.24 0.00	29.64 -1.82 0.00	40.30 -3.04 0.00	36.58 -3.18 0.00	25.79 -1.91 0.00	23.97 -1.65 0.00
GARDNVLA_35_KV_LD 355827	17.43 -1.15 0.00	16.29 -1.18 0.00	16.12 -1.22 0.00	15.55 -1.20 0.00	17.60 -1.36 0.00	19.17 -1.55 0.00	22.13 -1.85 0.00	29.38 -2.26 0.00	21.31 -1.34 0.00	18.59 -1.05 0.00	22.67 -1.16 0.00	21.33 -1.29 0.00	21.68 -1.19 0.00	23.73 -1.19 0.00	24.71 -1.25 0.00	23.99 -1.38 0.00	27.48 -1.29 0.00	33.22 -1.52 0.00	35.69 -2.02 0.00	29.83 -1.63 0.00	40.58 -2.76 0.00	36.82 -2.94 0.00	25.94 -1.76 0.00	24.09 -1.53 0.00
GELCKHM___115KV_LOAD 80723	18.23 -0.36 0.00	17.12 -0.35 0.00	16.99 -0.35 0.00	16.40 -0.34 0.00	18.57 -0.38 0.00	20.29 -0.42 0.00	23.45 -0.53 0.00	30.91 -0.73 0.00	22.19 -0.45 0.00	19.29 -0.35 0.00	23.42 -0.40 0.00	22.22 -0.39 0.00	22.48 -0.39 0.00	24.48 -0.44 0.00	25.44 -0.51 0.00	24.88 -0.48 0.00	28.36 -0.41 0.00	34.35 -0.39 0.00	37.12 -0.59 0.00	30.93 -0.52 0.00	42.42 -0.92 0.00	38.79 -0.97 0.00	27.04 -0.66 0.00	25.07 -0.55 0.00
GENERAL___MILLS 23808	17.41 -1.17 0.00	16.27 -1.20 0.00	16.11 -1.23 0.00	15.54 -1.21 0.00	17.58 -1.37 0.00	19.15 -1.56 0.00	22.10 -1.88 0.00	29.34 -2.30 0.00	21.28 -1.37 0.00	18.56 -1.08 0.00	22.63 -1.19 0.00	21.29 -1.32 0.00	21.65 -1.23 0.00	23.69 -1.24 0.00	24.67 -1.28 0.00	23.94 -1.42 0.00	27.43 -1.34 0.00	33.15 -1.59 0.00	35.63 -2.08 0.00	29.77 -1.69 0.00	40.50 -2.84 0.00	36.75 -3.01 0.00	25.90 -1.80 0.00	24.06 -1.56 0.00
GE_PLASTICS___DRP 24183	18.81 0.23 0.00	17.72 0.24 0.00	17.59 0.25 0.00	16.99 0.24 0.00	19.20 0.24 0.00	20.98 0.27 0.00	24.31 0.33 0.00	32.17 0.52 0.00	22.91 0.26 0.00	19.82 0.18 0.00	24.11 0.28 0.00	22.90 0.29 0.00	23.18 0.31 0.00	25.28 0.36 0.00	26.38 0.43 0.00	25.88 0.51 0.00	29.52 0.75 0.00	35.87 1.13 0.00	38.73 1.02 0.00	32.17 0.71 0.00	44.13 0.79 0.00	40.35 0.60 0.00	28.07 0.37 0.00	25.94 0.31 0.00
GILBOA___1 23756	18.88 0.30 0.00	17.76 0.29 0.00	17.64 0.29 0.00	17.02 0.27 0.00	19.25 0.30 0.00	21.06 0.35 0.00	24.41 0.43 0.00	32.33 0.69 0.00	23.01 0.37 0.00	19.92 0.28 0.00	24.27 0.44 0.00	23.05 0.44 0.00	23.31 0.44 0.00	25.39 0.47 0.00	26.48 0.52 0.00	25.95 0.58 0.00	29.64 0.87 0.00	35.97 1.23 0.00	38.83 1.12 0.00	32.31 0.86 0.00	44.30 0.96 0.00	40.55 0.80 0.00	28.22 0.52 0.00	26.09 0.47 0.00
GILBOA___2 23757	18.88 0.30 0.00	17.76 0.29 0.00	17.64 0.29 0.00	17.02 0.27 0.00	19.25 0.30 0.00	21.06 0.35 0.00	24.41 0.43 0.00	32.33 0.69 0.00	23.01 0.37 0.00	19.92 0.28 0.00	24.27 0.44 0.00	23.05 0.44 0.00	23.31 0.44 0.00	25.39 0.47 0.00	26.48 0.52 0.00	25.95 0.58 0.00	29.64 0.87 0.00	35.97 1.23 0.00	38.83 1.12 0.00	32.31 0.86 0.00	44.30 0.96 0.00	40.55 0.80 0.00	28.22 0.52 0.00	26.09 0.47 0.00
GILBOA___3 23758	18.88 0.30 0.00	17.76 0.29 0.00	17.64 0.29 0.00	17.02 0.27 0.00	19.25 0.30 0.00	21.06 0.35 0.00	24.41 0.43 0.00	32.33 0.69 0.00	23.01 0.37 0.00	19.92 0.28 0.00	24.27 0.44 0.00	23.05 0.44 0.00	23.31 0.44 0.00	25.39 0.47 0.00	26.48 0.52 0.00	25.95 0.58 0.00	29.64 0.87 0.00	35.97 1.23 0.00	38.83 1.12 0.00	32.31 0.86 0.00	44.30 0.96 0.00	40.55 0.80 0.00	28.22 0.52 0.00	26.09 0.47 0.00

GILBOA___4 23759	18.88 0.30 0.00	17.76 0.29 0.00	17.64 0.29 0.00	17.02 0.27 0.00	19.25 0.30 0.00	21.06 0.35 0.00	24.41 0.43 0.00	32.33 0.69 0.00	23.01 0.37 0.00	19.92 0.28 0.00	24.27 0.44 0.00	23.05 0.44 0.00	23.31 0.44 0.00	25.39 0.47 0.00	26.48 0.52 0.00	25.95 0.58 0.00	29.64 0.87 0.00	35.97 1.23 0.00	38.83 1.12 0.00	32.31 0.86 0.00	44.30 0.96 0.00	40.55 0.80 0.00	28.22 0.52 0.00	26.09 0.47 0.00
GILBOA____ 23599	18.88 0.30 0.00	17.76 0.29 0.00	17.63 0.29 0.00	17.02 0.27 0.00	19.25 0.30 0.00	21.06 0.35 0.00	24.41 0.43 0.00	32.33 0.69 0.00	23.01 0.37 0.00	19.92 0.28 0.00	24.27 0.44 0.00	23.05 0.44 0.00	23.31 0.44 0.00	25.40 0.47 0.00	26.48 0.52 0.00	25.95 0.58 0.00	29.64 0.87 0.00	35.97 1.24 0.00	38.83 1.12 0.00	32.31 0.86 0.00	44.30 0.96 0.00	40.55 0.80 0.00	28.22 0.53 0.00	26.09 0.47 0.00
GINNA____ 23603	17.08 -1.50 0.00	16.00 -1.47 0.00	15.85 -1.49 0.00	15.33 -1.42 0.00	17.35 -1.60 0.00	18.97 -1.74 0.00	21.96 -2.02 0.00	29.05 -2.59 0.00	20.99 -1.66 0.00	18.29 -1.36 0.00	22.23 -1.60 0.00	20.99 -1.62 0.00	21.27 -1.61 0.00	23.19 -1.73 0.00	24.16 -1.80 0.00	23.54 -1.82 0.00	26.84 -1.93 0.00	32.47 -2.27 0.00	33.87 -2.69 1.15	29.04 -2.26 0.15	39.73 -3.44 0.18	36.23 -3.42 0.10	25.42 -2.28 0.00	23.57 -2.05 0.00
GLEN PARK____ 23778	18.16 -0.43 0.00	16.93 -0.54 0.00	16.95 -0.39 0.00	16.25 -0.50 0.00	18.70 -0.25 0.00	20.11 -0.60 0.00	23.50 -0.48 0.00	31.14 -0.50 0.00	22.49 -0.15 0.00	19.54 -0.10 0.00	23.77 -0.05 0.00	22.63 0.02 0.00	22.63 -0.24 0.00	24.72 -0.20 0.00	25.74 -0.22 0.00	25.03 -0.33 0.00	28.44 -0.33 0.00	34.36 -0.37 0.00	37.02 -0.69 0.00	31.22 -0.23 0.00	43.41 0.06 0.00	40.02 0.27 0.00	27.69 0.00 0.00	25.57 -0.05 0.00
GLENDALE_27_KV_LOAD 356172	19.49 0.90 0.00	18.30 0.82 0.00	18.13 0.79 0.00	17.50 0.75 0.00	19.76 0.81 0.00	21.68 0.97 0.00	25.19 1.21 0.00	33.56 1.92 0.00	23.70 1.06 0.00	20.48 0.84 0.00	25.10 1.27 0.00	23.91 1.30 0.00	24.18 1.30 0.00	26.21 1.29 0.00	27.26 1.30 0.00	26.78 1.41 0.00	30.79 2.02 0.00	37.58 2.84 0.00	40.19 2.48 0.00	33.46 2.01 0.00	45.71 2.36 0.00	41.97 2.22 0.00	29.25 1.55 0.00	27.05 1.42 0.00
GLENWOOD_IC_1_G5 23712	19.71 1.13 0.00	18.51 1.04 0.00	18.35 1.01 0.00	17.71 0.96 0.00	19.98 1.02 0.00	21.91 1.20 0.00	25.45 1.47 0.00	33.93 2.29 0.00	23.94 1.29 0.00	20.68 1.04 0.00	25.39 1.57 0.00	24.18 1.57 0.00	24.33 1.46 0.00	26.46 1.54 0.00	27.65 1.69 0.00	27.20 1.83 0.00	31.13 2.36 0.00	38.00 3.26 0.00	40.72 3.01 0.00	33.92 2.46 0.00	49.15 2.98 -2.82	61.69 2.81 -19.12	29.64 1.94 0.00	28.31 1.79 -0.90
GLENWOOD_IC_2_G1 23688	19.65 1.07 0.00	18.46 0.99 0.00	18.30 0.96 0.00	17.65 0.91 0.00	19.92 0.97 0.00	21.86 1.15 0.00	25.39 1.41 0.00	33.83 2.19 0.00	23.87 1.22 0.00	20.62 0.98 0.00	25.31 1.48 0.00	24.10 1.49 0.00	24.27 1.39 0.00	26.38 1.46 0.00	27.55 1.59 0.00	27.10 1.73 0.00	31.09 2.33 0.00	37.96 3.22 0.00	40.68 2.97 0.00	33.89 2.43 0.00	49.10 2.94 -2.82	61.60 2.73 -19.12	29.55 1.86 0.00	28.22 1.70 -0.90
GLENWOOD_IC_3_G1 23689	19.65 1.07 0.00	18.46 0.99 0.00	18.30 0.96 0.00	17.65 0.91 0.00	19.92 0.97 0.00	21.86 1.15 0.00	25.39 1.41 0.00	33.83 2.19 0.00	23.87 1.22 0.00	20.62 0.98 0.00	25.31 1.48 0.00	24.10 1.49 0.00	24.27 1.39 0.00	26.38 1.46 0.00	27.55 1.59 0.00	27.10 1.73 0.00	31.09 2.33 0.00	37.96 3.22 0.00	40.68 2.97 0.00	33.89 2.43 0.00	49.10 2.94 -2.82	61.60 2.73 -19.12	29.55 1.86 0.00	28.22 1.70 -0.90
GLENWOOD___4 23550	19.71 1.13 0.00	18.51 1.04 0.00	18.35 1.01 0.00	17.71 0.96 0.00	19.98 1.02 0.00	21.91 1.20 0.00	25.45 1.47 0.00	33.93 2.29 0.00	23.94 1.29 0.00	20.68 1.04 0.00	25.39 1.57 0.00	24.18 1.57 0.00	24.33 1.46 0.00	26.46 1.54 0.00	27.65 1.69 0.00	27.20 1.83 0.00	31.16 2.39 0.00	38.04 3.31 0.00	40.77 3.06 0.00	33.96 2.50 0.00	49.20 3.04 -2.82	61.71 2.84 -19.12	29.64 1.94 0.00	28.31 1.79 -0.90
GLENWOOD___5 23614	19.71 1.13 0.00	18.51 1.04 0.00	18.35 1.01 0.00	17.71 0.96 0.00	19.98 1.02 0.00	21.91 1.20 0.00	25.45 1.47 0.00	33.93 2.29 0.00	23.94 1.29 0.00	20.68 1.04 0.00	25.39 1.57 0.00	24.18 1.57 0.00	24.33 1.46 0.00	26.46 1.54 0.00	27.65 1.69 0.00	27.20 1.83 0.00	31.16 2.39 0.00	38.04 3.31 0.00	40.77 3.06 0.00	33.96 2.50 0.00	49.20 3.04 -2.82	61.71 2.84 -19.12	29.64 1.94 0.00	28.31 1.79 -0.90
GLOBAL GREEN_PORT_GT1 23814	20.37 1.79 0.00	19.16 1.69 0.00	18.98 1.64 0.00	18.34 1.59 0.00	20.63 1.68 0.00	22.66 1.95 0.00	26.19 2.21 0.00	34.96 3.32 0.00	24.50 1.85 0.00	21.05 1.41 0.00	25.84 2.01 0.00	24.58 1.97 0.00	24.64 1.76 0.00	26.80 1.88 0.00	28.14 2.18 0.00	27.81 2.45 0.00	32.02 3.25 0.00	39.10 4.37 0.00	41.87 4.16 0.00	34.96 3.50 0.00	50.54 4.37 -2.82	62.91 4.03 -19.12	30.37 2.67 0.00	29.07 2.55 -0.90
GLOBE___DSASP 323697	16.77 -1.81 0.00	15.65 -1.82 0.00	15.49 -1.85 0.00	14.96 -1.78 0.00	16.90 -2.05 0.00	18.40 -2.31 0.00	21.17 -2.81 0.00	27.94 -3.70 0.00	20.27 -2.37 0.00	17.72 -1.93 0.00	21.48 -2.35 0.00	20.19 -2.42 0.00	20.50 -2.38 0.00	22.41 -2.51 0.00	23.39 -2.56 0.00	22.70 -2.67 0.00	25.87 -2.90 0.00	31.19 -3.54 0.00	33.65 -4.06 0.00	28.09 -3.37 0.00	38.25 -5.10 0.00	34.72 -5.03 0.00	24.60 -3.10 0.00	23.01 -2.61 0.00
GOETHSLN___LBMP 323567	19.30 0.71 0.00	18.12 0.65 0.00	17.96 0.62 0.00	17.33 0.58 0.00	19.58 0.63 0.00	21.49 0.78 0.00	24.94 0.96 0.00	33.24 1.60 0.00	23.48 0.83 0.00	20.29 0.64 0.00	24.83 1.01 0.00	23.68 1.07 0.00	23.94 1.06 0.00	25.95 1.03 0.00	27.00 1.04 0.00	26.53 1.16 0.00	30.52 1.75 0.00	37.27 2.54 0.00	39.85 2.14 0.00	33.16 1.71 0.00	45.32 1.97 0.00	41.63 1.88 0.00	29.00 1.30 0.00	26.81 1.18 0.00
GOLAH___69_KV_TB 1_2 80279	17.85 -0.74 0.00	16.69 -0.78 0.00	16.53 -0.81 0.00	15.96 -0.79 0.00	18.08 -0.87 0.00	19.74 -0.97 0.00	22.86 -1.13 0.00	30.30 -1.34 0.00	21.94 -0.71 0.00	19.12 -0.52 0.00	23.24 -0.58 0.00	21.92 -0.69 0.00	22.21 -0.67 0.00	24.24 -0.68 0.00	25.24 -0.72 0.00	24.58 -0.79 0.00	28.04 -0.73 0.00	33.95 -0.79 0.00	36.60 -1.11 0.00	30.51 -0.94 0.00	41.65 -1.69 0.00	37.85 -1.90 0.00	26.55 -1.14 0.00	24.63 -1.00 0.00
GOODYEAR_LAKE_HYD 323669	19.14 0.55 0.00	17.97 0.49 0.00	17.83 0.49 0.00	17.19 0.44 0.00	19.43 0.48 0.00	21.28 0.57 0.00	24.71 0.73 0.00	32.79 1.14 0.00	23.46 0.81 0.00	20.34 0.69 0.00	24.75 0.93 0.00	23.50 0.89 0.00	23.73 0.86 0.00	25.83 0.91 0.00	26.89 0.94 0.00	26.31 0.94 0.00	30.11 1.34 0.00	36.46 1.72 0.00	39.34 1.63 0.00	32.84 1.39 0.00	45.05 1.71 0.00	41.31 1.56 0.00	28.77 1.07 0.00	26.59 0.96 0.00

GOUDEY___7 345031	18.40 -0.18 0.00	17.29 -0.18 0.00	17.14 -0.20 0.00	16.53 -0.22 0.00	18.71 -0.23 0.00	20.43 -0.28 0.00	23.67 -0.31 0.00	31.56 -0.08 0.00	22.56 -0.09 0.00	19.56 -0.08 0.00	23.90 0.08 0.00	22.61 0.00 0.00	22.82 -0.05 0.00	24.86 -0.07 0.00	25.84 -0.12 0.00	25.24 -0.13 0.00	28.88 0.11 0.00	35.07 0.34 0.00	37.74 0.03 0.00	31.50 0.04 0.00	43.06 -0.28 0.00	39.38 -0.37 0.00	27.48 -0.22 0.00	25.47 -0.16 0.00
GOUDEY___7 23579	18.42 -0.17 0.00	17.31 -0.16 0.00	17.15 -0.19 0.00	16.55 -0.20 0.00	18.72 -0.23 0.00	20.44 -0.27 0.00	23.69 -0.29 0.00	31.59 -0.05 0.00	22.58 -0.07 0.00	19.58 -0.06 0.00	23.92 0.10 0.00	22.63 0.02 0.00	22.84 -0.03 0.00	24.88 -0.04 0.00	25.86 -0.09 0.00	25.27 -0.10 0.00	28.91 0.14 0.00	35.11 0.38 0.00	37.79 0.08 0.00	31.53 0.08 0.00	43.11 -0.24 0.00	39.42 -0.33 0.00	27.51 -0.19 0.00	25.48 -0.14 0.00
GOUDEY___8 23580	18.40 -0.18 0.00	17.29 -0.18 0.00	17.14 -0.20 0.00	16.53 -0.22 0.00	18.71 -0.23 0.00	20.43 -0.28 0.00	23.67 -0.31 0.00	31.56 -0.08 0.00	22.56 -0.09 0.00	19.56 -0.08 0.00	23.90 0.08 0.00	22.61 0.00 0.00	22.82 -0.05 0.00	24.86 -0.07 0.00	25.84 -0.12 0.00	25.24 -0.13 0.00	28.88 0.11 0.00	35.07 0.34 0.00	37.74 0.03 0.00	31.50 0.04 0.00	43.06 -0.28 0.00	39.38 -0.37 0.00	27.48 -0.22 0.00	25.47 -0.16 0.00
GOWANUS_GT1_1 24077	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.51 0.76 0.00	19.78 0.83 0.00	21.72 1.02 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.84 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.77 1.40 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.48 2.02 0.00	45.70 2.35 0.00	41.96 2.21 0.00	29.24 1.54 0.00	27.03 1.40 0.00
GOWANUS_GT1_2 24078	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.51 0.76 0.00	19.78 0.83 0.00	21.72 1.02 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.84 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.77 1.40 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.48 2.02 0.00	45.70 2.35 0.00	41.96 2.21 0.00	29.24 1.54 0.00	27.03 1.40 0.00
GOWANUS_GT1_3 24079	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.51 0.76 0.00	19.78 0.83 0.00	21.72 1.02 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.84 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.77 1.40 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.48 2.02 0.00	45.70 2.35 0.00	41.96 2.21 0.00	29.24 1.54 0.00	27.03 1.40 0.00
GOWANUS_GT1_4 24080	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.51 0.76 0.00	19.78 0.83 0.00	21.72 1.02 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.84 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.77 1.40 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.48 2.02 0.00	45.70 2.35 0.00	41.96 2.21 0.00	29.24 1.54 0.00	27.03 1.40 0.00
GOWANUS_GT1_5 24084	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.51 0.76 0.00	19.78 0.83 0.00	21.72 1.02 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.84 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.77 1.40 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.48 2.02 0.00	45.70 2.35 0.00	41.96 2.21 0.00	29.24 1.54 0.00	27.03 1.40 0.00
GOWANUS_GT1_6 24111	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.51 0.76 0.00	19.78 0.83 0.00	21.72 1.02 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.84 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.77 1.40 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.48 2.02 0.00	45.70 2.35 0.00	41.96 2.21 0.00	29.24 1.54 0.00	27.03 1.40 0.00
GOWANUS_GT1_7 24112	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.51 0.76 0.00	19.78 0.83 0.00	21.72 1.02 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.84 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.77 1.40 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.48 2.02 0.00	45.70 2.35 0.00	41.96 2.21 0.00	29.24 1.54 0.00	27.03 1.40 0.00
GOWANUS_GT1_8 24113	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.51 0.76 0.00	19.78 0.83 0.00	21.72 1.02 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.84 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.77 1.40 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.48 2.02 0.00	45.70 2.35 0.00	41.96 2.21 0.00	29.24 1.54 0.00	27.03 1.40 0.00
GOWANUS_GT2_1 24114	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GOWANUS_GT2_2 24115	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GOWANUS_GT2_3 24116	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GOWANUS_GT2_4 24117	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00

GOWANUS_GT2_5 24118	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GOWANUS_GT2_6 24119	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GOWANUS_GT2_7 24120	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GOWANUS_GT2_8 24121	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GOWANUS_GT3_1 24122	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.30 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
GOWANUS_GT3_2 24123	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.30 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
GOWANUS_GT3_3 24124	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.30 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
GOWANUS_GT3_4 24125	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.30 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
GOWANUS_GT3_5 24126	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.30 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
GOWANUS_GT3_6 24127	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.30 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
GOWANUS_GT3_7 24128	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.30 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
GOWANUS_GT3_8 24129	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.25 0.00	23.91 1.30 0.00	24.18 1.30 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
GOWANUS_GT4_1 24130	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.71 0.75 0.00	21.66 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.11 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.22 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.81 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GOWANUS_GT4_2 24131	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.71 0.75 0.00	21.66 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.11 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.22 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.81 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GOWANUS_GT4_3 24132	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.71 0.75 0.00	21.66 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.11 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.22 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.81 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00

GOWANUS_GT4_4 24133	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.71 0.75 0.00	21.66 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.11 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.22 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.81 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GOWANUS_GT4_5 24134	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.71 0.75 0.00	21.66 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.11 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.22 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.81 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GOWANUS_GT4_6 24135	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.71 0.75 0.00	21.66 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.11 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.22 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.81 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GOWANUS_GT4_7 24136	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.71 0.75 0.00	21.66 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.11 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.22 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.81 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GOWANUS_GT4_8 24137	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.71 0.75 0.00	21.66 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.11 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.22 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.81 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GREENBSH_115KV_TB3 55895	18.74 0.15 0.00	17.66 0.19 0.00	17.53 0.19 0.00	16.94 0.20 0.00	19.12 0.17 0.00	20.89 0.18 0.00	24.21 0.23 0.00	32.02 0.37 0.00	22.80 0.15 0.00	19.73 0.09 0.00	24.00 0.17 0.00	22.80 0.19 0.00	23.08 0.20 0.00	25.18 0.26 0.00	26.29 0.34 0.00	25.80 0.43 0.00	29.42 0.65 0.00	35.76 1.02 0.00	38.61 0.90 0.00	32.04 0.59 0.00	43.96 0.62 0.00	40.17 0.42 0.00	27.93 0.24 0.00	25.80 0.18 0.00
GREENDGE_115KV_TB5 80291	18.18 -0.40 0.00	16.95 -0.52 0.00	16.81 -0.54 0.00	16.23 -0.52 0.00	18.42 -0.53 0.00	20.14 -0.57 0.00	23.39 -0.59 0.00	31.01 -0.64 0.00	22.30 -0.34 0.00	19.35 -0.30 0.00	23.64 -0.18 0.00	22.36 -0.25 0.00	22.66 -0.22 0.00	24.71 -0.22 0.00	25.68 -0.28 0.00	25.05 -0.32 0.00	28.50 -0.27 0.00	34.72 -0.02 0.00	37.36 -0.35 0.00	31.17 -0.28 0.00	42.56 -0.78 0.00	38.85 -0.90 0.00	27.25 -0.45 0.00	25.30 -0.32 0.00
GREENIDGE___3 23582	18.18 -0.40 0.00	16.95 -0.52 0.00	16.81 -0.54 0.00	16.23 -0.52 0.00	18.42 -0.53 0.00	20.14 -0.57 0.00	23.39 -0.59 0.00	31.01 -0.64 0.00	22.30 -0.34 0.00	19.35 -0.30 0.00	23.64 -0.18 0.00	22.36 -0.25 0.00	22.66 -0.22 0.00	24.71 -0.22 0.00	25.68 -0.28 0.00	25.05 -0.32 0.00	28.50 -0.27 0.00	34.72 -0.02 0.00	37.36 -0.35 0.00	31.17 -0.28 0.00	42.56 -0.78 0.00	38.85 -0.90 0.00	27.25 -0.45 0.00	25.30 -0.32 0.00
GREENIDGE___4 23583	18.18 -0.41 0.00	16.96 -0.52 0.00	16.80 -0.55 0.00	16.24 -0.51 0.00	18.42 -0.53 0.00	20.14 -0.58 0.00	23.39 -0.59 0.00	31.01 -0.64 0.00	22.30 -0.35 0.00	19.35 -0.30 0.00	23.64 -0.18 0.00	22.36 -0.25 0.00	22.66 -0.22 0.00	24.70 -0.22 0.00	25.68 -0.28 0.00	25.05 -0.32 0.00	28.50 -0.27 0.00	34.71 -0.02 0.00	38.46 -0.35 -1.10	31.32 -0.28 -0.15	42.73 -0.78 -0.17	38.95 -0.90 -0.10	27.25 -0.45 0.00	25.30 -0.32 0.00
GREENLWN_69_KV_BK 3 55738	19.78 1.19 0.00	18.58 1.11 0.00	18.41 1.06 0.00	17.77 1.02 0.00	19.98 1.03 0.00	21.85 1.14 0.00	25.28 1.30 0.00	33.71 2.07 0.00	23.71 1.06 0.00	20.57 0.93 0.00	25.37 1.54 0.00	24.14 1.53 0.00	24.19 1.32 0.00	26.29 1.37 0.00	27.55 1.60 0.00	27.05 1.69 0.00	30.92 2.15 0.00	37.73 2.99 0.00	40.41 2.70 0.00	33.71 2.26 0.00	48.88 2.72 -2.82	61.39 2.52 -19.12	29.42 1.72 0.00	28.17 1.65 -0.90
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.71 0.75 0.00	21.66 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.11 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.22 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.81 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
GRISSOM___SOLAR 323813	20.39 1.81 0.00	19.12 1.65 0.00	18.96 1.62 0.00	18.29 1.54 0.00	20.71 1.76 0.00	22.82 2.11 0.00	26.64 2.66 0.00	35.33 3.68 0.00	25.20 2.55 0.00	21.25 1.61 0.00	24.99 1.17 0.00	23.99 1.38 0.00	24.74 1.86 0.00	27.48 2.56 0.00	28.71 2.76 0.00	28.18 2.81 0.00	32.31 3.54 0.00	39.12 4.38 0.00	42.36 4.65 0.00	35.32 3.87 0.00	48.48 5.14 0.00	44.26 4.51 0.00	30.71 3.01 0.00	28.28 2.66 0.00
GROVEVILLE___HYD 323602	19.46 0.87 0.00	18.28 0.81 0.00	18.14 0.79 0.00	17.51 0.76 0.00	19.80 0.84 0.00	21.72 1.01 0.00	25.25 1.27 0.00	33.54 1.90 0.00	23.79 1.14 0.00	20.60 0.96 0.00	25.21 1.39 0.00	23.98 1.37 0.00	24.24 1.37 0.00	26.33 1.41 0.00	27.35 1.39 0.00	26.87 1.50 0.00	30.88 2.11 0.00	37.65 2.91 0.00	40.42 2.71 0.00	33.61 2.16 0.00	45.93 2.59 0.00	42.05 2.30 0.00	29.23 1.53 0.00	26.99 1.36 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.35 -0.23 0.00	17.22 -0.25 0.00	17.10 -0.24 0.00	16.52 -0.23 0.00	18.70 -0.25 0.00	20.43 -0.28 0.00	23.64 -0.34 0.00	31.18 -0.46 0.00	22.36 -0.29 0.00	19.43 -0.21 0.00	23.61 -0.21 0.00	22.40 -0.21 0.00	22.66 -0.21 0.00	24.67 -0.25 0.00	25.64 -0.31 0.00	25.08 -0.29 0.00	28.59 -0.17 0.00	34.65 -0.09 0.00	37.45 -0.26 0.00	31.21 -0.24 0.00	42.77 -0.57 0.00	39.11 -0.64 0.00	27.26 -0.44 0.00	25.26 -0.36 0.00
HAMLTNNY_34_KV_TB 80303	18.34 -0.24 0.00	17.22 -0.25 0.00	17.10 -0.24 0.00	16.52 -0.23 0.00	18.69 -0.27 0.00	20.44 -0.27 0.00	23.66 -0.31 0.00	31.23 -0.42 0.00	22.40 -0.25 0.00	19.48 -0.17 0.00	23.67 -0.15 0.00	22.45 -0.16 0.00	22.71 -0.17 0.00	24.74 -0.18 0.00	25.71 -0.24 0.00	25.14 -0.23 0.00	28.68 -0.09 0.00	34.76 0.02 0.00	37.56 -0.15 0.00	31.29 -0.16 0.00	42.82 -0.52 0.00	39.15 -0.60 0.00	27.31 -0.38 0.00	25.30 -0.32 0.00

HAMPSHIRE___PAPER_HYD 323593	18.26 -0.32 0.00	17.11 -0.36 0.00	17.08 -0.26 0.00	16.42 -0.33 0.00	18.77 -0.19 0.00	20.29 -0.42 0.00	23.57 -0.41 0.00	31.08 -0.56 0.00	22.38 -0.27 0.00	19.43 -0.21 0.00	23.51 -0.32 0.00	22.38 -0.23 0.00	22.47 -0.41 0.00	24.53 -0.39 0.00	25.57 -0.39 0.00	24.79 -0.58 0.00	27.96 -0.81 0.00	33.60 -1.14 0.00	36.51 -1.19 0.00	30.78 -0.67 0.00	42.86 -0.49 0.00	39.53 -0.22 0.00	27.50 -0.20 0.00	25.35 -0.27 0.00
HARDSCRABBLE_WT_PWR 323673	18.50 -0.09 0.00	17.41 -0.07 0.00	17.33 -0.01 0.00	16.69 -0.06 0.00	18.78 -0.17 0.00	20.60 -0.11 0.00	23.83 -0.15 0.00	31.51 -0.12 0.00	22.46 -0.19 0.00	19.33 -0.31 0.00	23.45 -0.38 0.00	22.33 -0.28 0.00	22.54 -0.33 0.00	24.60 -0.32 0.00	25.76 -0.19 0.00	25.35 -0.02 0.00	29.10 0.33 0.00	35.55 0.82 0.00	38.29 0.58 0.00	31.81 0.35 0.00	43.83 0.49 0.00	40.01 0.26 0.00	27.80 0.11 0.00	25.62 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.35 0.76 0.00	18.18 0.71 0.00	18.02 0.68 0.00	17.39 0.64 0.00	19.66 0.71 0.00	21.58 0.87 0.00	25.08 1.11 0.00	33.33 1.69 0.00	23.63 0.98 0.00	20.41 0.77 0.00	24.97 1.15 0.00	23.78 1.17 0.00	24.03 1.15 0.00	26.10 1.18 0.00	27.16 1.21 0.00	26.68 1.31 0.00	30.68 1.91 0.00	37.43 2.69 0.00	40.14 2.43 0.00	33.38 1.93 0.00	45.64 2.30 0.00	41.80 2.05 0.00	29.06 1.37 0.00	26.83 1.21 0.00
HARSNRAD_115KV_TB1 81005	17.09 -1.49 0.00	15.95 -1.52 0.00	15.79 -1.55 0.00	15.25 -1.50 0.00	17.23 -1.72 0.00	18.78 -1.93 0.00	21.65 -2.33 0.00	28.72 -2.93 0.00	20.90 -1.74 0.00	18.25 -1.39 0.00	22.14 -1.68 0.00	20.80 -1.81 0.00	21.13 -1.75 0.00	23.10 -1.82 0.00	24.09 -1.87 0.00	23.38 -1.99 0.00	26.69 -2.08 0.00	32.25 -2.48 0.00	34.70 -3.01 0.00	28.99 -2.46 0.00	39.47 -3.87 0.00	35.81 -3.94 0.00	25.31 -2.39 0.00	23.54 -2.09 0.00
HARZA MOOSE___RIVER 24016	18.61 0.03 0.00	17.41 -0.06 0.00	17.39 0.04 0.00	16.69 -0.06 0.00	19.08 0.13 0.00	20.63 -0.08 0.00	24.03 0.05 0.00	31.89 0.25 0.00	22.93 0.28 0.00	19.88 0.24 0.00	24.20 0.37 0.00	23.00 0.39 0.00	23.17 0.30 0.00	25.27 0.34 0.00	26.32 0.36 0.00	25.63 0.26 0.00	29.24 0.47 0.00	35.29 0.55 0.00	37.92 0.21 0.00	31.84 0.38 0.00	44.12 0.78 0.00	40.58 0.83 0.00	28.15 0.45 0.00	25.97 0.35 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.24 -0.35 0.00	17.12 -0.35 0.00	16.99 -0.35 0.00	16.40 -0.35 0.00	18.57 -0.38 0.00	20.29 -0.42 0.00	23.43 -0.55 0.00	30.87 -0.77 0.00	22.17 -0.48 0.00	19.26 -0.39 0.00	23.40 -0.42 0.00	22.20 -0.41 0.00	22.46 -0.42 0.00	24.46 -0.46 0.00	25.42 -0.54 0.00	24.87 -0.49 0.00	28.36 -0.42 0.00	34.34 -0.39 0.00	37.10 -0.61 0.00	30.90 -0.55 0.00	42.37 -0.97 0.00	38.72 -1.03 0.00	27.00 -0.70 0.00	25.03 -0.60 0.00
HELLGATE_13_KV_LD 55870	19.41 0.83 0.00	18.24 0.77 0.00	18.07 0.73 0.00	17.44 0.69 0.00	19.69 0.74 0.00	21.59 0.88 0.00	25.08 1.10 0.00	33.40 1.76 0.00	23.59 0.94 0.00	20.38 0.74 0.00	24.98 1.15 0.00	23.80 1.18 0.00	24.07 1.19 0.00	26.09 1.17 0.00	27.12 1.17 0.00	26.65 1.28 0.00	30.64 1.87 0.00	37.38 2.65 0.00	39.99 2.28 0.00	33.29 1.83 0.00	45.47 2.13 0.00	41.76 2.01 0.00	29.12 1.42 0.00	26.93 1.31 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.41 0.83 0.00	18.24 0.77 0.00	18.07 0.73 0.00	17.44 0.69 0.00	19.69 0.74 0.00	21.59 0.88 0.00	25.08 1.10 0.00	33.40 1.76 0.00	23.59 0.94 0.00	20.38 0.74 0.00	24.98 1.15 0.00	23.80 1.18 0.00	24.07 1.19 0.00	26.09 1.17 0.00	27.12 1.17 0.00	26.65 1.28 0.00	30.64 1.87 0.00	37.38 2.65 0.00	39.99 2.28 0.00	33.29 1.83 0.00	45.47 2.13 0.00	41.76 2.01 0.00	29.12 1.42 0.00	26.93 1.31 0.00
HEMPSTEAD___ 23647	19.63 1.05 0.00	18.44 0.97 0.00	18.28 0.93 0.00	17.64 0.90 0.00	19.88 0.93 0.00	21.82 1.11 0.00	25.33 1.35 0.00	33.77 2.12 0.00	23.81 1.16 0.00	20.57 0.92 0.00	25.25 1.43 0.00	24.05 1.44 0.00	24.19 1.32 0.00	26.31 1.39 0.00	27.50 1.54 0.00	27.06 1.69 0.00	31.06 2.29 0.00	37.91 3.18 0.00	40.63 2.92 0.00	33.86 2.40 0.00	49.06 2.89 -2.82	61.55 2.68 -19.12	29.51 1.81 0.00	28.19 1.67 -0.90
HEWLETT__69_KV_BK3 55828	19.72 1.14 0.00	18.52 1.05 0.00	18.35 1.01 0.00	17.71 0.97 0.00	19.99 1.04 0.00	21.94 1.23 0.00	25.50 1.52 0.00	33.97 2.33 0.00	23.98 1.33 0.00	20.70 1.06 0.00	25.39 1.57 0.00	24.19 1.58 0.00	24.36 1.48 0.00	26.47 1.55 0.00	27.67 1.71 0.00	27.22 1.85 0.00	31.15 2.38 0.00	38.03 3.30 0.00	40.80 3.10 0.00	33.99 2.54 0.00	49.27 3.11 -2.82	61.89 3.02 -19.12	29.71 2.01 0.00	28.36 1.84 -0.90
HICKLING___1 23621	17.94 -0.65 0.00	16.82 -0.65 0.00	16.66 -0.68 0.00	16.07 -0.67 0.00	18.24 -0.72 0.00	19.89 -0.82 0.00	23.06 -0.92 0.00	30.66 -0.98 0.00	21.91 -0.73 0.00	19.02 -0.63 0.00	23.39 -0.44 0.00	22.12 -0.49 0.00	22.42 -0.45 0.00	24.45 -0.47 0.00	25.39 -0.57 0.00	24.77 -0.60 0.00	28.46 -0.31 0.00	34.74 0.00 0.00	37.28 -0.43 0.00	31.13 -0.33 0.00	42.38 -0.97 0.00	38.69 -1.06 0.00	27.05 -0.65 0.00	25.03 -0.59 0.00
HICKLING___2 23622	17.94 -0.65 0.00	16.82 -0.65 0.00	16.66 -0.68 0.00	16.07 -0.67 0.00	18.24 -0.72 0.00	19.89 -0.82 0.00	23.06 -0.92 0.00	30.66 -0.98 0.00	21.91 -0.73 0.00	19.02 -0.63 0.00	23.39 -0.44 0.00	22.12 -0.49 0.00	22.42 -0.45 0.00	24.45 -0.47 0.00	25.39 -0.57 0.00	24.77 -0.60 0.00	28.46 -0.31 0.00	34.74 0.00 0.00	37.28 -0.43 0.00	31.13 -0.33 0.00	42.38 -0.97 0.00	38.69 -1.06 0.00	27.05 -0.65 0.00	25.03 -0.59 0.00
HIGH FALLS___HY 23754	19.57 0.98 0.00	18.36 0.89 0.00	18.21 0.87 0.00	17.57 0.82 0.00	19.89 0.93 0.00	21.84 1.14 0.00	25.41 1.42 0.00	33.79 2.15 0.00	24.07 1.42 0.00	20.96 1.32 0.00	25.63 1.81 0.00	24.37 1.76 0.00	24.61 1.74 0.00	26.60 1.67 0.00	27.44 1.48 0.00	26.98 1.62 0.00	31.10 2.33 0.00	37.92 3.19 0.00	40.73 3.02 0.00	33.91 2.45 0.00	46.31 2.96 0.00	42.42 2.66 0.00	29.47 1.77 0.00	27.21 1.59 0.00
HILLBURN___GT 23639	19.33 0.75 0.00	18.16 0.69 0.00	18.01 0.67 0.00	17.37 0.62 0.00	19.64 0.69 0.00	21.56 0.85 0.00	25.06 1.08 0.00	33.32 1.68 0.00	23.59 0.95 0.00	20.39 0.74 0.00	24.94 1.11 0.00	23.75 1.14 0.00	23.99 1.12 0.00	26.06 1.13 0.00	27.10 1.14 0.00	26.60 1.23 0.00	30.61 1.84 0.00	37.35 2.62 0.00	40.02 2.31 0.00	33.26 1.80 0.00	45.47 2.13 0.00	41.66 1.91 0.00	28.99 1.30 0.00	26.78 1.16 0.00
HILLSIDE_115KV_TB1 80332	17.89 -0.69 0.00	16.81 -0.66 0.00	16.64 -0.70 0.00	16.04 -0.70 0.00	18.19 -0.76 0.00	19.82 -0.89 0.00	22.95 -1.03 0.00	30.51 -1.14 0.00	21.75 -0.90 0.00	18.86 -0.79 0.00	23.23 -0.60 0.00	21.97 -0.64 0.00	22.29 -0.58 0.00	24.30 -0.62 0.00	25.21 -0.74 0.00	24.57 -0.79 0.00	28.21 -0.56 0.00	34.39 -0.35 0.00	36.87 -0.84 0.00	30.83 -0.63 0.00	41.96 -1.38 0.00	38.34 -1.41 0.00	26.81 -0.88 0.00	24.86 -0.76 0.00

HISHELDN_WT_PWR 323625	17.01 -1.58 0.00	15.90 -1.57 0.00	15.74 -1.60 0.00	15.24 -1.51 0.00	17.25 -1.70 0.00	18.79 -1.93 0.00	21.74 -2.24 0.00	28.85 -2.79 0.01	20.85 -1.80 0.00	18.16 -1.48 0.00	22.16 -1.66 0.00	20.89 -1.72 0.00	21.24 -1.64 0.00	23.27 -1.65 0.00	24.23 -1.72 0.00	23.54 -1.82 0.00	27.09 -1.68 0.00	32.94 -1.80 0.00	33.68 -2.39 1.65	29.24 -1.99 0.22	39.81 -3.28 0.26	36.31 -3.29 0.15	25.58 -2.12 0.00	23.69 -1.94 0.00
HOLTSVILLE_IC_1 23690	19.89 1.31 0.00	18.70 1.23 0.00	18.53 1.18 0.00	17.89 1.14 0.00	20.12 1.17 0.00	22.07 1.35 0.00	25.51 1.53 0.00	34.03 2.39 0.00	23.88 1.23 0.00	20.59 0.95 0.00	25.34 1.51 0.00	24.14 1.53 0.00	24.20 1.33 0.00	26.30 1.38 0.00	27.60 1.64 0.00	27.19 1.82 0.00	31.20 2.43 0.00	38.05 3.31 0.00	40.76 3.05 0.00	34.05 2.59 0.00	49.34 3.18 -2.82	61.83 2.96 -19.12	29.66 1.96 0.00	28.40 1.88 -0.90
HOLTSVILLE_IC_10 23699	19.98 1.39 0.00	18.78 1.31 0.00	18.60 1.26 0.00	17.96 1.22 0.00	20.20 1.25 0.00	22.17 1.45 0.00	25.64 1.65 0.00	34.22 2.57 0.00	23.99 1.34 0.00	20.68 1.04 0.00	25.45 1.62 0.00	24.25 1.64 0.00	24.32 1.45 0.00	26.44 1.52 0.00	27.75 1.80 0.00	27.35 1.98 0.00	31.41 2.64 0.00	38.29 3.55 0.00	41.01 3.30 0.00	34.26 2.81 0.00	49.63 3.46 -2.82	62.09 3.21 -19.12	29.82 2.12 0.00	28.54 2.02 -0.90
HOLTSVILLE_IC_2 23691	19.89 1.31 0.00	18.70 1.23 0.00	18.53 1.18 0.00	17.89 1.14 0.00	20.12 1.17 0.00	22.07 1.35 0.00	25.51 1.53 0.00	34.03 2.39 0.00	23.88 1.23 0.00	20.59 0.95 0.00	25.34 1.51 0.00	24.14 1.53 0.00	24.20 1.33 0.00	26.30 1.38 0.00	27.60 1.64 0.00	27.19 1.82 0.00	31.20 2.43 0.00	38.05 3.31 0.00	40.76 3.05 0.00	34.05 2.59 0.00	49.34 3.18 -2.82	61.83 2.96 -19.12	29.66 1.96 0.00	28.40 1.88 -0.90
HOLTSVILLE_IC_3 23692	19.89 1.31 0.00	18.70 1.23 0.00	18.53 1.18 0.00	17.89 1.14 0.00	20.12 1.17 0.00	22.07 1.35 0.00	25.51 1.53 0.00	34.03 2.39 0.00	23.88 1.23 0.00	20.59 0.95 0.00	25.34 1.51 0.00	24.14 1.53 0.00	24.20 1.33 0.00	26.30 1.38 0.00	27.60 1.64 0.00	27.19 1.82 0.00	31.20 2.43 0.00	38.05 3.31 0.00	40.76 3.05 0.00	34.05 2.59 0.00	49.34 3.18 -2.82	61.83 2.96 -19.12	29.66 1.96 0.00	28.40 1.88 -0.90
HOLTSVILLE_IC_4 23693	19.89 1.31 0.00	18.70 1.23 0.00	18.53 1.18 0.00	17.89 1.14 0.00	20.12 1.17 0.00	22.07 1.35 0.00	25.51 1.53 0.00	34.03 2.39 0.00	23.88 1.23 0.00	20.59 0.95 0.00	25.34 1.51 0.00	24.14 1.53 0.00	24.20 1.33 0.00	26.30 1.38 0.00	27.60 1.64 0.00	27.19 1.82 0.00	31.20 2.43 0.00	38.05 3.31 0.00	40.76 3.05 0.00	34.05 2.59 0.00	49.34 3.18 -2.82	61.83 2.96 -19.12	29.66 1.96 0.00	28.40 1.88 -0.90
HOLTSVILLE_IC_5 23694	19.89 1.31 0.00	18.70 1.23 0.00	18.53 1.18 0.00	17.89 1.14 0.00	20.12 1.17 0.00	22.07 1.35 0.00	25.51 1.53 0.00	34.03 2.39 0.00	23.88 1.23 0.00	20.59 0.95 0.00	25.34 1.51 0.00	24.14 1.53 0.00	24.20 1.33 0.00	26.30 1.38 0.00	27.60 1.64 0.00	27.19 1.82 0.00	31.20 2.43 0.00	38.05 3.31 0.00	40.76 3.05 0.00	34.05 2.59 0.00	49.34 3.18 -2.82	61.83 2.96 -19.12	29.66 1.96 0.00	28.40 1.88 -0.90
HOLTSVILLE_IC_6 23695	19.98 1.39 0.00	18.78 1.31 0.00	18.60 1.26 0.00	17.96 1.22 0.00	20.20 1.25 0.00	22.17 1.45 0.00	25.64 1.65 0.00	34.22 2.57 0.00	23.99 1.34 0.00	20.68 1.04 0.00	25.45 1.62 0.00	24.25 1.64 0.00	24.32 1.45 0.00	26.44 1.52 0.00	27.75 1.80 0.00	27.35 1.98 0.00	31.41 2.64 0.00	38.29 3.55 0.00	41.01 3.30 0.00	34.26 2.81 0.00	49.63 3.46 -2.82	62.09 3.21 -19.12	29.82 2.12 0.00	28.54 2.02 -0.90
HOLTSVILLE_IC_7 23696	19.98 1.39 0.00	18.78 1.31 0.00	18.60 1.26 0.00	17.96 1.22 0.00	20.20 1.25 0.00	22.17 1.45 0.00	25.64 1.65 0.00	34.22 2.57 0.00	23.99 1.34 0.00	20.68 1.04 0.00	25.45 1.62 0.00	24.25 1.64 0.00	24.32 1.45 0.00	26.44 1.52 0.00	27.75 1.80 0.00	27.35 1.98 0.00	31.41 2.64 0.00	38.29 3.55 0.00	41.01 3.30 0.00	34.26 2.81 0.00	49.63 3.46 -2.82	62.09 3.21 -19.12	29.82 2.12 0.00	28.54 2.02 -0.90
HOLTSVILLE_IC_8 23697	19.98 1.39 0.00	18.78 1.31 0.00	18.60 1.26 0.00	17.96 1.22 0.00	20.20 1.25 0.00	22.17 1.45 0.00	25.64 1.65 0.00	34.22 2.57 0.00	23.99 1.34 0.00	20.68 1.04 0.00	25.45 1.62 0.00	24.25 1.64 0.00	24.32 1.45 0.00	26.44 1.52 0.00	27.75 1.80 0.00	27.35 1.98 0.00	31.41 2.64 0.00	38.29 3.55 0.00	41.01 3.30 0.00	34.26 2.81 0.00	49.63 3.46 -2.82	62.09 3.21 -19.12	29.82 2.12 0.00	28.54 2.02 -0.90
HOLTSVILLE_IC_9 23698	19.98 1.39 0.00	18.78 1.31 0.00	18.60 1.26 0.00	17.96 1.22 0.00	20.20 1.25 0.00	22.17 1.45 0.00	25.64 1.65 0.00	34.22 2.57 0.00	23.99 1.34 0.00	20.68 1.04 0.00	25.45 1.62 0.00	24.25 1.64 0.00	24.32 1.45 0.00	26.44 1.52 0.00	27.75 1.80 0.00	27.35 1.98 0.00	31.41 2.64 0.00	38.29 3.55 0.00	41.01 3.30 0.00	34.26 2.81 0.00	49.63 3.46 -2.82	62.09 3.21 -19.12	29.82 2.12 0.00	28.54 2.02 -0.90
HOMER_HL_115KV_TB2 355744	18.36 -0.22 0.00	17.22 -0.25 0.00	17.04 -0.31 0.00	16.43 -0.31 0.00	18.61 -0.34 0.00	20.18 -0.53 0.00	23.16 -0.82 0.00	30.76 -0.88 0.00	22.06 -0.58 0.00	19.28 -0.36 0.00	23.80 -0.03 0.00	22.49 -0.12 0.00	22.86 -0.01 0.00	24.90 -0.02 0.00	25.92 -0.03 0.00	25.11 -0.26 0.00	28.66 -0.11 0.00	34.56 -0.17 0.00	36.94 -0.77 0.00	30.81 -0.64 0.00	42.00 -1.34 0.00	38.24 -1.51 0.00	27.06 -0.64 0.00	25.19 -0.44 0.00
HOWARD_WT_PWR 323690	16.64 -1.94 0.00	15.47 -2.00 0.00	15.34 -2.01 0.00	14.87 -1.88 0.00	16.99 -1.96 0.00	18.60 -2.12 0.00	21.52 -2.46 0.00	28.89 -2.76 -0.01	20.76 -1.89 0.00	18.00 -1.64 0.00	21.90 -1.92 0.00	20.64 -1.97 0.00	20.91 -1.96 0.00	22.82 -2.10 0.00	23.74 -2.22 0.00	23.22 -2.15 0.00	26.85 -1.92 0.00	33.20 -1.53 0.00	37.02 -2.01 -1.32	29.96 -1.67 -0.18	40.81 -2.74 -0.21	37.27 -2.60 -0.12	25.99 -1.71 0.00	23.84 -1.78 0.00
HQ_GEN_CEDARS 23644	18.92 0.33 0.00	17.79 0.32 0.00	17.67 0.33 0.00	17.07 0.32 0.00	19.34 0.39 0.00	21.11 0.40 0.00	24.46 0.48 0.00	32.00 0.36 0.00	22.98 0.33 0.00	20.04 0.39 0.00	24.12 0.29 0.00	22.87 0.26 0.00	23.11 0.24 0.00	25.22 0.30 0.00	26.30 0.34 0.00	25.44 0.07 0.00	28.46 -0.31 0.00	34.05 -0.69 0.00	37.45 -0.25 0.00	31.48 0.03 0.00	43.73 0.39 0.00	40.30 0.55 0.00	28.25 0.55 0.00	26.07 0.44 0.00
HQ_GEN_CEDARS_PROXY 323590	18.92 0.33 0.00	17.79 0.32 0.00	17.67 0.33 0.00	17.07 0.32 0.00	19.34 0.39 0.00	21.11 0.40 0.00	24.46 0.48 0.00	32.00 0.36 0.00	22.98 0.33 0.00	20.24 0.39 -0.20	24.12 0.29 0.00	22.87 0.26 0.00	23.11 0.24 0.00	25.22 0.30 0.00	26.30 0.34 0.00	26.23 0.07 -0.79	28.39 -0.31 0.07	34.05 -0.69 0.00	37.45 -0.25 0.00	31.48 0.03 0.00	43.73 0.39 0.00	40.30 0.55 0.00	28.25 0.55 0.00	26.07 0.44 0.00

HQ_GEN_IMPORT 323601	18.71 0.12 0.00	17.59 0.12 0.00	17.46 0.12 0.00	16.87 0.12 0.00	19.09 0.14 0.00	20.86 0.15 0.00	24.16 0.18 0.00	31.81 0.16 0.00	22.82 0.17 0.00	19.80 0.16 0.00	23.91 0.09 0.00	22.67 0.06 0.00	22.95 0.07 0.00	25.02 0.09 0.00	26.07 0.12 0.00	25.63 0.03 -0.22	28.28 -0.25 0.24	34.18 -0.56 0.00	37.46 -0.25 0.00	31.36 -0.10 0.00	43.50 0.16 0.00	40.04 0.29 0.00	27.92 0.22 0.00	25.79 0.17 0.00
HQ_GEN_WHEEL 23651	18.71 0.12 0.00	17.59 0.12 0.00	17.46 0.12 0.00	16.87 0.12 0.00	19.09 0.14 0.00	20.86 0.15 0.00	24.16 0.18 0.00	31.81 0.16 0.00	22.82 0.17 0.00	19.80 0.16 0.00	23.91 0.09 0.00	22.67 0.06 0.00	22.95 0.07 0.00	25.02 0.09 0.00	26.07 0.12 0.00	25.63 0.03 -0.22	28.28 -0.25 0.24	34.18 -0.56 0.00	37.46 -0.25 0.00	31.36 -0.10 0.00	43.50 0.16 0.00	40.04 0.29 0.00	27.92 0.22 0.00	25.79 0.17 0.00
HUDSON AVE_GT_3 23810	19.44 0.85 0.00	18.25 0.77 0.00	18.08 0.74 0.00	17.45 0.70 0.00	19.72 0.76 0.00	21.63 0.92 0.00	25.11 1.13 0.00	33.46 1.82 0.00	23.64 0.99 0.00	20.43 0.79 0.00	25.02 1.19 0.00	23.85 1.24 0.00	24.11 1.24 0.00	26.14 1.22 0.00	27.20 1.24 0.00	26.72 1.35 0.00	30.73 1.96 0.00	37.51 2.77 0.00	40.12 2.41 0.00	33.39 1.94 0.00	45.62 2.27 0.00	41.89 2.13 0.00	29.19 1.49 0.00	26.98 1.36 0.00
HUDSON AVE_GT_4 23540	19.44 0.85 0.00	18.25 0.77 0.00	18.08 0.74 0.00	17.45 0.70 0.00	19.72 0.76 0.00	21.63 0.92 0.00	25.11 1.13 0.00	33.46 1.82 0.00	23.64 0.99 0.00	20.43 0.79 0.00	25.02 1.19 0.00	23.85 1.24 0.00	24.11 1.24 0.00	26.14 1.22 0.00	27.20 1.24 0.00	26.72 1.35 0.00	30.73 1.96 0.00	37.51 2.77 0.00	40.12 2.41 0.00	33.39 1.94 0.00	45.62 2.27 0.00	41.89 2.13 0.00	29.19 1.49 0.00	26.98 1.36 0.00
HUDSON AVE_GT_5 23657	19.44 0.85 0.00	18.25 0.77 0.00	18.08 0.74 0.00	17.45 0.70 0.00	19.72 0.76 0.00	21.63 0.92 0.00	25.11 1.13 0.00	33.46 1.82 0.00	23.64 0.99 0.00	20.43 0.79 0.00	25.02 1.19 0.00	23.85 1.24 0.00	24.11 1.24 0.00	26.14 1.22 0.00	27.20 1.24 0.00	26.72 1.35 0.00	30.73 1.96 0.00	37.51 2.77 0.00	40.12 2.41 0.00	33.39 1.94 0.00	45.62 2.27 0.00	41.89 2.13 0.00	29.19 1.49 0.00	26.98 1.36 0.00
HUDSON_AVE_10 24168	19.39 0.81 0.00	18.20 0.73 0.00	18.04 0.69 0.00	17.41 0.66 0.00	19.67 0.72 0.00	21.58 0.87 0.00	25.03 1.05 0.00	33.36 1.72 0.00	23.58 0.93 0.00	20.38 0.73 0.00	24.95 1.12 0.00	23.80 1.19 0.00	24.07 1.19 0.00	26.08 1.16 0.00	27.12 1.16 0.00	26.65 1.28 0.00	30.66 1.89 0.00	37.42 2.68 0.00	40.00 2.29 0.00	33.28 1.83 0.00	45.49 2.15 0.00	41.76 2.01 0.00	29.11 1.41 0.00	26.91 1.29 0.00
HUDSON___115KV_TB 4 355613	19.11 0.53 0.00	18.00 0.52 0.00	17.87 0.52 0.00	17.27 0.52 0.00	19.51 0.56 0.00	21.33 0.62 0.00	24.79 0.81 0.00	32.80 1.16 0.00	23.40 0.75 0.00	20.19 0.54 0.00	24.49 0.66 0.00	23.24 0.63 0.00	23.57 0.70 0.00	25.77 0.85 0.00	26.96 1.00 0.00	26.49 1.12 0.00	30.26 1.49 0.00	36.80 2.07 0.00	39.76 2.06 0.00	32.98 1.53 0.00	45.24 1.90 0.00	41.28 1.53 0.00	28.66 0.96 0.00	26.43 0.81 0.00
HUNTER MOUNT___DRP 323613	19.20 0.61 0.00	18.08 0.61 0.00	17.96 0.62 0.00	17.36 0.61 0.00	19.61 0.66 0.00	21.45 0.74 0.00	24.94 0.96 0.00	33.01 1.37 0.00	23.55 0.90 0.00	20.30 0.66 0.00	24.61 0.78 0.00	23.36 0.75 0.00	23.71 0.84 0.00	25.94 1.02 0.00	27.17 1.22 0.00	26.71 1.34 0.00	30.50 1.73 0.00	37.09 2.36 0.00	40.13 2.42 0.00	33.26 1.81 0.00	45.64 2.30 0.00	41.59 1.84 0.00	28.85 1.16 0.00	26.59 0.97 0.00
HUNTINGTON_RES_REC 323705	19.85 1.27 0.00	18.65 1.18 0.00	18.48 1.13 0.00	17.83 1.08 0.00	20.04 1.09 0.00	21.95 1.24 0.00	25.41 1.42 0.00	33.89 2.25 0.00	23.80 1.16 0.00	20.60 0.95 0.00	25.37 1.54 0.00	24.15 1.54 0.00	24.21 1.34 0.00	26.32 1.40 0.00	27.61 1.65 0.00	27.16 1.79 0.00	31.12 2.35 0.00	37.96 3.22 0.00	40.67 2.96 0.00	33.95 2.49 0.00	49.21 3.05 -2.82	61.69 2.81 -19.12	29.59 1.89 0.00	28.32 1.80 -0.90
HUNTLEY___63 23557	17.27 -1.31 0.00	16.13 -1.34 0.00	15.96 -1.38 0.00	15.40 -1.34 0.00	17.42 -1.54 0.00	18.97 -1.74 0.00	21.90 -2.08 0.00	28.99 -2.65 0.00	21.06 -1.58 0.00	18.40 -1.24 0.00	22.35 -1.47 0.00	21.01 -1.60 0.00	21.33 -1.54 0.00	23.33 -1.59 0.00	24.32 -1.64 0.00	23.60 -1.77 0.00	26.97 -1.80 0.00	32.59 -2.15 0.00	35.10 -2.61 0.00	29.30 -2.15 0.00	39.89 -3.46 0.00	36.18 -3.57 0.00	25.54 -2.15 0.00	23.77 -1.86 0.00
HUNTLEY___64 23558	17.27 -1.31 0.00	16.13 -1.34 0.00	15.96 -1.38 0.00	15.40 -1.34 0.00	17.42 -1.54 0.00	18.97 -1.74 0.00	21.90 -2.08 0.00	28.99 -2.65 0.00	21.06 -1.58 0.00	18.40 -1.24 0.00	22.35 -1.47 0.00	21.01 -1.60 0.00	21.33 -1.54 0.00	23.33 -1.59 0.00	24.32 -1.64 0.00	23.60 -1.77 0.00	26.97 -1.80 0.00	32.59 -2.15 0.00	35.10 -2.61 0.00	29.30 -2.15 0.00	39.89 -3.46 0.00	36.18 -3.57 0.00	25.54 -2.15 0.00	23.77 -1.86 0.00
HUNTLEY___65 23559	17.27 -1.31 0.00	16.13 -1.34 0.00	15.96 -1.38 0.00	15.40 -1.34 0.00	17.42 -1.54 0.00	18.97 -1.74 0.00	21.90 -2.08 0.00	28.99 -2.65 0.00	21.06 -1.58 0.00	18.40 -1.24 0.00	22.35 -1.47 0.00	21.01 -1.60 0.00	21.33 -1.54 0.00	23.33 -1.59 0.00	24.32 -1.64 0.00	23.60 -1.77 0.00	26.97 -1.80 0.00	32.59 -2.15 0.00	35.10 -2.61 0.00	29.30 -2.15 0.00	39.89 -3.46 0.00	36.18 -3.57 0.00	25.54 -2.15 0.00	23.77 -1.86 0.00
HUNTLEY___66 23560	17.27 -1.31 0.00	16.13 -1.34 0.00	15.96 -1.38 0.00	15.40 -1.34 0.00	17.42 -1.54 0.00	18.97 -1.74 0.00	21.90 -2.08 0.00	28.99 -2.65 0.00	21.06 -1.58 0.00	18.40 -1.24 0.00	22.35 -1.47 0.00	21.01 -1.60 0.00	21.33 -1.54 0.00	23.33 -1.59 0.00	24.32 -1.64 0.00	23.60 -1.77 0.00	26.97 -1.80 0.00	32.59 -2.15 0.00	35.10 -2.61 0.00	29.30 -2.15 0.00	39.89 -3.46 0.00	36.18 -3.57 0.00	25.54 -2.15 0.00	23.77 -1.86 0.00
HUNTLEY___67 23561	17.15 -1.43 0.00	16.02 -1.45 0.00	15.86 -1.48 0.00	15.30 -1.45 0.00	17.30 -1.65 0.00	18.84 -1.87 0.00	21.71 -2.27 0.00	28.79 -2.85 0.00	20.91 -1.74 0.00	18.26 -1.39 0.00	22.21 -1.62 0.00	20.88 -1.73 0.00	21.21 -1.66 0.00	23.20 -1.72 0.00	24.19 -1.76 0.00	23.48 -1.89 0.00	26.82 -1.96 0.00	32.38 -2.35 0.00	34.83 -2.88 0.00	29.11 -2.35 0.00	39.64 -3.71 0.00	35.96 -3.79 0.00	25.40 -2.30 0.00	23.64 -1.99 0.00
HUNTLEY___68 23562	17.15 -1.43 0.00	16.02 -1.45 0.00	15.86 -1.48 0.00	15.30 -1.45 0.00	17.30 -1.65 0.00	18.84 -1.87 0.00	21.71 -2.27 0.00	28.79 -2.85 0.00	20.91 -1.74 0.00	18.26 -1.39 0.00	22.21 -1.62 0.00	20.88 -1.73 0.00	21.21 -1.66 0.00	23.20 -1.72 0.00	24.19 -1.76 0.00	23.48 -1.89 0.00	26.82 -1.96 0.00	32.38 -2.35 0.00	34.83 -2.88 0.00	29.11 -2.35 0.00	39.64 -3.71 0.00	35.96 -3.79 0.00	25.40 -2.30 0.00	23.64 -1.99 0.00



HYLAND___LFGE 323620	18.14 -0.44 0.00	17.01 -0.46 0.00	16.78 -0.56 0.00	16.24 -0.51 0.00	18.43 -0.53 0.00	20.21 -0.50 0.00	23.51 -0.47 0.00	31.42 -0.23 -0.01	22.67 0.02 0.00	19.71 0.06 0.00	23.88 0.05 0.00	22.43 -0.18 0.00	22.66 -0.21 0.00	24.76 -0.16 0.00	25.84 -0.12 0.00	25.23 -0.14 0.00	29.15 0.38 0.00	35.71 0.98 0.00	38.49 0.78 0.00	32.04 0.59 0.00	43.62 0.28 0.00	39.58 -0.17 0.00	27.64 -0.06 0.00	25.48 -0.15 0.00
INDECK___CORINTH 23802	19.44 0.85 0.00	18.30 0.83 0.00	18.25 0.91 0.00	17.66 0.92 0.00	20.05 1.10 0.00	21.99 1.28 0.00	25.67 1.69 0.00	33.98 2.34 0.00	24.18 1.53 0.00	20.90 1.26 0.00	25.38 1.56 0.00	24.05 1.44 0.00	24.36 1.49 0.00	26.61 1.69 0.00	27.85 1.89 0.00	27.28 1.91 0.00	31.22 2.45 0.00	38.05 3.31 0.00	41.04 3.33 0.00	34.01 2.56 0.00	46.48 3.13 0.00	42.31 2.56 0.00	29.36 1.66 0.00	27.08 1.46 0.00
INDECK___ILION 23567	18.61 0.03 0.00	17.51 0.04 0.00	17.39 0.05 0.00	16.77 0.03 0.00	18.96 0.01 0.00	20.76 0.05 0.00	24.08 0.10 0.00	31.87 0.23 0.00	22.73 0.08 0.00	19.62 -0.03 0.00	23.80 -0.02 0.00	22.63 0.03 0.00	22.91 0.03 0.00	25.00 0.07 0.00	26.09 0.14 0.00	25.60 0.23 0.00	29.28 0.51 0.00	35.59 0.86 0.00	38.41 0.70 0.00	31.95 0.49 0.00	43.92 0.58 0.00	40.14 0.39 0.00	27.89 0.20 0.00	25.75 0.13 0.00
INDECK___OLEAN 23982	18.36 -0.22 0.00	17.23 -0.24 0.00	17.01 -0.33 0.00	16.45 -0.30 0.00	18.61 -0.34 0.00	20.18 -0.53 0.00	23.17 -0.82 0.00	30.76 -0.88 0.00	22.06 -0.59 0.00	19.28 -0.37 0.00	23.80 -0.03 0.00	22.49 -0.12 0.00	22.86 -0.01 0.00	24.91 -0.02 0.00	25.92 -0.03 0.00	25.11 -0.26 0.00	28.66 -0.11 0.00	34.56 -0.18 0.00	31.76 -0.76 5.18	30.10 -0.66 0.69	41.20 -1.34 0.81	37.77 -1.51 0.47	27.06 -0.64 0.00	25.19 -0.44 0.00
INDECK___OSWEGO 23783	18.01 -0.57 0.00	16.91 -0.56 0.00	16.79 -0.56 0.00	16.20 -0.54 0.00	18.36 -0.59 0.00	20.03 -0.68 0.00	23.14 -0.84 0.00	30.49 -1.15 0.00	21.91 -0.74 0.00	19.03 -0.61 0.00	23.09 -0.73 0.00	21.93 -0.68 0.00	22.16 -0.71 0.00	24.14 -0.78 0.00	25.08 -0.87 0.00	24.53 -0.83 0.00	27.95 -0.82 0.00	33.84 -0.90 0.00	36.57 -1.14 0.00	30.50 -0.96 0.00	41.87 -1.47 0.00	38.32 -1.43 0.00	26.70 -0.99 0.00	24.77 -0.85 0.00
INDECK___YERKES 23781	17.30 -1.29 0.00	16.15 -1.32 0.00	15.96 -1.39 0.00	15.43 -1.32 0.00	17.44 -1.52 0.00	18.99 -1.71 0.00	21.93 -2.05 0.00	29.02 -2.63 0.00	21.08 -1.56 0.00	18.42 -1.22 0.00	22.38 -1.44 0.00	21.04 -1.57 0.00	21.35 -1.52 0.00	23.36 -1.56 0.00	24.34 -1.61 0.00	23.63 -1.74 0.00	27.00 -1.77 0.00	32.62 -2.12 0.00	32.12 -2.56 3.03	28.93 -2.12 0.40	39.46 -3.41 0.47	35.95 -3.52 0.28	25.57 -2.12 0.00	23.79 -1.83 0.00
INDIAN POINT_GT_1 24139	19.31 0.73 0.00	18.14 0.67 0.00	17.99 0.65 0.00	17.36 0.61 0.00	19.62 0.67 0.00	21.52 0.81 0.00	25.00 1.02 0.00	33.24 1.60 0.00	23.53 0.88 0.00	20.33 0.68 0.00	24.87 1.05 0.00	23.68 1.07 0.00	23.94 1.06 0.00	25.99 1.07 0.00	27.05 1.10 0.00	26.57 1.20 0.00	30.54 1.77 0.00	37.27 2.53 0.00	39.94 2.23 0.00	33.22 1.76 0.00	45.40 2.05 0.00	41.62 1.87 0.00	28.97 1.27 0.00	26.77 1.15 0.00
INDIAN POINT_GT_2 23659	19.31 0.73 0.00	18.14 0.67 0.00	17.99 0.65 0.00	17.36 0.61 0.00	19.62 0.67 0.00	21.52 0.81 0.00	25.00 1.02 0.00	33.24 1.60 0.00	23.53 0.88 0.00	20.33 0.68 0.00	24.87 1.05 0.00	23.68 1.07 0.00	23.94 1.06 0.00	25.99 1.07 0.00	27.05 1.10 0.00	26.57 1.20 0.00	30.54 1.77 0.00	37.27 2.53 0.00	39.94 2.23 0.00	33.22 1.76 0.00	45.40 2.05 0.00	41.62 1.87 0.00	28.97 1.27 0.00	26.77 1.15 0.00
INDIAN POINT_GT_3 24019	19.31 0.73 0.00	18.14 0.67 0.00	17.99 0.65 0.00	17.36 0.61 0.00	19.62 0.67 0.00	21.52 0.81 0.00	25.00 1.02 0.00	33.24 1.60 0.00	23.53 0.88 0.00	20.33 0.68 0.00	24.87 1.05 0.00	23.68 1.07 0.00	23.94 1.06 0.00	25.99 1.07 0.00	27.05 1.10 0.00	26.57 1.20 0.00	30.54 1.77 0.00	37.27 2.53 0.00	39.94 2.23 0.00	33.22 1.76 0.00	45.40 2.05 0.00	41.62 1.87 0.00	28.97 1.27 0.00	26.77 1.15 0.00
INDIAN POINT___2 23530	19.29 0.70 0.00	18.12 0.65 0.00	17.97 0.63 0.00	17.34 0.59 0.00	19.60 0.65 0.00	21.51 0.79 0.00	24.99 1.00 0.00	33.21 1.57 0.00	23.51 0.86 0.00	20.31 0.67 0.00	24.85 1.03 0.00	23.66 1.05 0.00	23.92 1.04 0.00	25.97 1.05 0.00	27.02 1.06 0.00	26.53 1.16 0.00	30.51 1.74 0.00	37.23 2.49 0.00	39.89 2.18 0.00	33.17 1.72 0.00	45.35 2.01 0.00	41.58 1.83 0.00	28.94 1.24 0.00	26.74 1.12 0.00
INDIAN POINT___3 23531	19.29 0.71 0.00	18.12 0.65 0.00	17.98 0.63 0.00	17.35 0.60 0.00	19.60 0.65 0.00	21.51 0.80 0.00	24.98 1.00 0.00	33.21 1.56 0.00	23.51 0.86 0.00	20.31 0.67 0.00	24.86 1.03 0.00	23.66 1.05 0.00	23.92 1.04 0.00	25.97 1.05 0.00	27.02 1.07 0.00	26.54 1.17 0.00	30.51 1.74 0.00	37.22 2.49 0.00	39.90 2.19 0.00	33.18 1.73 0.00	45.35 2.01 0.00	41.58 1.83 0.00	28.94 1.24 0.00	26.75 1.12 0.00
INGHAM_C_115KV_TB7 356103	18.50 -0.08 0.00	17.42 -0.05 0.00	17.33 -0.02 0.00	16.70 -0.05 0.00	18.83 -0.12 0.00	20.65 -0.06 0.00	23.98 0.00 0.00	31.81 0.17 0.00	22.59 -0.06 0.00	19.38 -0.27 0.00	23.50 -0.33 0.00	22.42 -0.19 0.00	22.66 -0.21 0.00	24.78 -0.14 0.00	25.96 0.00 0.00	25.57 0.20 0.00	29.43 0.66 0.00	36.02 1.29 0.00	38.72 1.01 0.00	32.12 0.66 0.00	44.11 0.76 0.00	40.17 0.42 0.00	27.85 0.15 0.00	25.65 0.03 0.00
IP CORINTH___1 23988	19.44 0.85 0.00	18.30 0.83 0.00	18.25 0.91 0.00	17.67 0.92 0.00	20.05 1.10 0.00	21.99 1.28 0.00	25.67 1.69 0.00	33.99 2.34 0.00	24.18 1.53 0.00	20.91 1.26 0.00	25.38 1.56 0.00	24.05 1.44 0.00	24.36 1.49 0.00	26.61 1.69 0.00	27.85 1.89 0.00	27.28 1.91 0.00	31.22 2.45 0.00	38.04 3.31 0.00	41.04 3.33 0.00	34.01 2.56 0.00	46.48 3.14 0.00	42.31 2.56 0.00	29.36 1.66 0.00	27.08 1.46 0.00
IP___TICONDEROGA 23804	20.01 1.42 0.00	18.86 1.39 0.00	18.82 1.48 0.00	18.18 1.44 0.00	20.75 1.79 0.00	22.85 2.14 0.00	26.88 2.90 0.00	35.36 3.72 0.00	25.12 2.47 0.00	21.65 2.00 0.00	26.37 2.55 0.00	24.99 2.38 0.00	25.20 2.33 0.00	27.69 2.77 0.00	29.21 3.25 0.00	28.69 3.32 0.00	32.89 4.12 0.00	40.18 5.45 0.00	43.14 5.43 0.00	35.49 4.03 0.00	48.02 4.67 0.00	43.52 3.77 0.00	30.21 2.51 0.00	27.92 2.30 0.00
ISLIP_RES_REC 323679	20.05 1.47 0.00	18.85 1.38 0.00	18.67 1.33 0.00	18.03 1.28 0.00	20.28 1.33 0.00	22.26 1.55 0.00	25.76 1.78 0.00	34.38 2.74 0.00	24.11 1.46 0.00	20.78 1.14 0.00	25.57 1.74 0.00	24.37 1.76 0.00	24.44 1.56 0.00	26.58 1.66 0.00	27.89 1.94 0.00	27.49 2.12 0.00	31.59 2.82 0.00	38.50 3.77 0.00	41.22 3.51 0.00	34.45 3.00 0.00	49.87 3.71 -2.82	62.30 3.43 -19.12	29.96 2.26 0.00	28.66 2.14 -0.90

JAMAICA__27_KV_LOAD 355505	19.58 1.00 0.00	18.35 0.88 0.00	18.18 0.84 0.00	17.53 0.79 0.00	19.84 0.89 0.00	21.76 1.05 0.00	25.17 1.19 0.00	33.57 1.93 0.00	23.76 1.11 0.00	20.52 0.88 0.00	25.14 1.32 0.00	24.01 1.40 0.00	24.28 1.40 0.00	26.26 1.34 0.00	27.29 1.33 0.00	26.85 1.48 0.00	30.91 2.14 0.00	37.70 2.97 0.00	40.26 2.55 0.00	33.49 2.04 0.00	45.89 2.54 0.00	42.06 2.31 0.00	29.31 1.61 0.00	27.10 1.47 0.00
JANIS__SOLAR 323808	19.09 0.51 0.00	17.95 0.48 0.00	17.83 0.49 0.00	17.13 0.39 0.00	19.35 0.40 0.00	21.21 0.50 0.00	24.74 0.76 0.00	32.91 1.27 0.00	23.56 0.91 0.00	20.35 0.71 0.00	24.87 1.05 0.00	23.57 0.96 0.00	23.79 0.92 0.00	25.88 0.96 0.00	27.01 1.06 0.00	26.48 1.11 0.00	30.42 1.65 0.00	36.95 2.21 0.00	40.56 2.07 -0.78	33.33 1.77 -0.10	45.60 2.13 -0.12	41.68 1.85 -0.07	28.94 1.24 0.00	26.71 1.09 0.00
JARVIS____ 23743	18.60 0.01 0.00	17.49 0.02 0.00	17.36 0.02 0.00	16.77 0.02 0.00	18.97 0.02 0.00	20.73 0.02 0.00	24.02 0.03 0.00	31.75 0.10 0.00	22.70 0.05 0.00	19.67 0.02 0.00	23.89 0.06 0.00	22.68 0.07 0.00	22.94 0.07 0.00	24.99 0.07 0.00	26.03 0.08 0.00	25.47 0.10 0.00	29.01 0.23 0.00	35.11 0.38 0.00	37.99 0.28 0.00	31.64 0.19 0.00	43.55 0.21 0.00	39.90 0.15 0.00	27.77 0.07 0.00	25.69 0.07 0.00
JENNISON____1 23625	18.96 0.37 0.00	17.84 0.37 0.00	17.76 0.42 0.00	17.07 0.32 0.00	19.10 0.15 0.00	20.88 0.17 0.00	24.42 0.44 0.00	32.60 0.95 0.00	23.25 0.60 0.00	20.04 0.40 0.00	24.71 0.89 0.00	23.53 0.91 0.00	23.50 0.62 0.00	25.47 0.55 0.00	26.65 0.70 0.00	26.10 0.73 0.00	30.06 1.29 0.00	36.41 1.67 0.00	39.13 1.42 0.00	32.80 1.34 0.00	45.02 1.68 0.00	41.48 1.73 0.00	28.86 1.16 0.00	26.61 0.99 0.00
JENNISON____2 23626	18.96 0.37 0.00	17.84 0.37 0.00	17.76 0.42 0.00	17.07 0.32 0.00	19.10 0.15 0.00	20.88 0.17 0.00	24.42 0.44 0.00	32.60 0.95 0.00	23.25 0.60 0.00	20.04 0.40 0.00	24.71 0.89 0.00	23.53 0.91 0.00	23.50 0.62 0.00	25.47 0.55 0.00	26.65 0.70 0.00	26.10 0.73 0.00	30.06 1.29 0.00	36.41 1.67 0.00	39.13 1.42 0.00	32.80 1.34 0.00	45.02 1.68 0.00	41.48 1.73 0.00	28.86 1.16 0.00	26.61 0.99 0.00
JERICOHO_RISE_WT_PWR 323719	18.54 -0.04 0.00	17.55 0.08 0.00	17.54 0.20 0.00	17.03 0.29 0.00	19.34 0.39 0.00	21.18 0.47 0.00	24.58 0.60 0.00	32.11 0.47 0.00	22.86 0.21 0.00	19.65 0.01 0.00	23.56 -0.26 0.00	22.42 -0.19 0.00	22.72 -0.15 0.00	24.76 -0.16 0.00	25.94 -0.02 0.00	25.31 -0.05 0.00	28.22 -0.54 0.00	33.98 -0.75 0.00	37.42 -0.29 0.00	31.56 0.11 0.00	43.96 0.61 0.00	40.55 0.80 0.00	28.17 0.47 0.00	25.83 0.20 0.00
KATONAH__115KV_46KV_TB4 355592	19.42 0.83 0.00	18.25 0.78 0.00	18.09 0.75 0.00	17.47 0.72 0.00	19.75 0.80 0.00	21.67 0.96 0.00	25.17 1.19 0.00	33.48 1.84 0.00	23.69 1.05 0.00	20.48 0.84 0.00	25.05 1.23 0.00	23.85 1.24 0.00	24.11 1.24 0.00	26.19 1.26 0.00	27.27 1.31 0.00	26.78 1.41 0.00	30.78 2.01 0.00	37.58 2.85 0.00	40.30 2.59 0.00	33.51 2.05 0.00	45.78 2.43 0.00	41.94 2.19 0.00	29.16 1.47 0.00	26.94 1.32 0.00
KCE_NY_1 323755	19.33 0.74 0.00	18.20 0.72 0.00	18.11 0.77 0.00	17.49 0.74 0.00	19.83 0.88 0.00	21.71 1.00 0.00	25.25 1.26 0.00	33.42 1.78 0.00	23.78 1.13 0.00	20.55 0.91 0.00	24.94 1.12 0.00	23.66 1.05 0.00	23.98 1.10 0.00	26.21 1.29 0.00	27.38 1.43 0.00	26.85 1.48 0.00	30.70 1.92 0.00	37.31 2.58 0.00	40.33 2.62 0.00	33.45 2.00 0.00	45.83 2.49 0.00	41.73 1.98 0.00	29.01 1.31 0.00	26.76 1.14 0.00
KCE_NY_6_ESR 323823	17.41 -1.18 0.00	16.28 -1.19 0.00	16.08 -1.26 0.00	15.55 -1.20 0.00	17.58 -1.37 0.00	19.16 -1.56 0.00	22.11 -1.87 0.00	29.36 -2.28 0.00	21.28 -1.36 0.00	18.56 -1.08 0.00	22.65 -1.17 0.00	21.30 -1.31 0.00	21.66 -1.21 0.00	23.70 -1.22 0.00	24.69 -1.27 0.00	23.95 -1.42 0.00	27.44 -1.33 0.00	33.15 -1.59 0.00	32.22 -2.08 3.41	29.32 -1.68 0.46	39.95 -2.86 0.53	36.45 -2.99 0.31	25.90 -1.79 0.00	24.07 -1.56 0.00
KEDC_PORT_JEFF_GT2 24210	19.96 1.38 0.00	18.76 1.29 0.00	18.58 1.24 0.00	17.94 1.20 0.00	20.18 1.23 0.00	22.14 1.42 0.00	25.60 1.62 0.00	34.15 2.51 0.00	23.89 1.25 0.00	20.60 0.96 0.00	25.34 1.52 0.00	24.16 1.56 0.00	24.30 1.43 0.00	26.42 1.50 0.00	27.73 1.77 0.00	27.32 1.96 0.00	31.37 2.60 0.00	38.15 3.42 0.00	40.87 3.16 0.00	34.23 2.78 0.00	49.58 3.42 -2.82	62.04 3.16 -19.12	29.79 2.09 0.00	28.51 1.99 -0.90
KEDC_PORT_JEFF_GT3 24211	19.96 1.38 0.00	18.76 1.29 0.00	18.58 1.24 0.00	17.94 1.20 0.00	20.18 1.23 0.00	22.14 1.42 0.00	25.60 1.62 0.00	34.15 2.51 0.00	23.89 1.25 0.00	20.60 0.96 0.00	25.34 1.52 0.00	24.16 1.56 0.00	24.30 1.43 0.00	26.42 1.50 0.00	27.73 1.77 0.00	27.32 1.96 0.00	31.37 2.60 0.00	38.15 3.42 0.00	40.87 3.16 0.00	34.23 2.78 0.00	49.58 3.42 -2.82	62.04 3.16 -19.12	29.79 2.09 0.00	28.51 1.99 -0.90
KEDC_GLWD_GT4 24219	19.71 1.13 0.00	18.51 1.04 0.00	18.35 1.01 0.00	17.70 0.96 0.00	19.97 1.02 0.00	21.91 1.20 0.00	25.45 1.47 0.00	33.93 2.29 0.00	23.94 1.29 0.00	20.68 1.03 0.00	25.39 1.57 0.00	24.18 1.57 0.00	24.34 1.46 0.00	26.46 1.54 0.00	27.65 1.69 0.00	27.19 1.82 0.00	31.12 2.35 0.00	38.00 3.26 0.00	40.71 3.00 0.00	33.92 2.47 0.00	49.15 2.98 -2.82	61.69 2.81 -19.12	29.64 1.94 0.00	28.31 1.79 -0.90
KEDC_GLWD_GT5 24220	19.71 1.13 0.00	18.51 1.04 0.00	18.35 1.01 0.00	17.70 0.96 0.00	19.97 1.02 0.00	21.91 1.20 0.00	25.45 1.47 0.00	33.93 2.29 0.00	23.94 1.29 0.00	20.68 1.03 0.00	25.39 1.57 0.00	24.18 1.57 0.00	24.34 1.46 0.00	26.46 1.54 0.00	27.65 1.69 0.00	27.19 1.82 0.00	31.12 2.35 0.00	38.00 3.26 0.00	40.71 3.00 0.00	33.92 2.47 0.00	49.15 2.98 -2.82	61.69 2.81 -19.12	29.64 1.94 0.00	28.31 1.79 -0.90
KENSICO____ 23655	19.35 0.77 0.00	18.18 0.71 0.00	18.03 0.68 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.56 0.86 0.00	25.04 1.06 0.00	33.31 1.66 0.00	23.56 0.91 0.00	20.36 0.72 0.00	24.92 1.10 0.00	23.73 1.12 0.00	23.99 1.12 0.00	26.05 1.13 0.00	27.11 1.15 0.00	26.63 1.26 0.00	30.60 1.83 0.00	37.34 2.60 0.00	40.01 2.30 0.00	33.28 1.82 0.00	45.48 2.14 0.00	41.71 1.96 0.00	29.03 1.34 0.00	26.83 1.21 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.59 1.00 0.00	18.39 0.92 0.00	18.23 0.89 0.00	17.60 0.85 0.00	19.92 0.97 0.00	21.87 1.16 0.00	25.44 1.46 0.00	33.83 2.19 0.00	24.07 1.42 0.00	20.91 1.26 0.00	25.54 1.72 0.00	24.27 1.66 0.00	24.54 1.67 0.00	26.57 1.65 0.00	27.49 1.53 0.00	27.04 1.67 0.00	31.15 2.38 0.00	37.99 3.25 0.00	40.80 3.09 0.00	33.95 2.49 0.00	46.38 3.04 0.00	42.46 2.71 0.00	29.50 1.80 0.00	27.22 1.60 0.00

KIAC_JFK_GT1 23816	19.52 0.93 0.00	18.29 0.82 0.00	18.13 0.78 0.00	17.49 0.74 0.00	19.78 0.83 0.00	21.69 0.98 0.00	25.09 1.11 0.00	33.46 1.82 0.00	23.67 1.03 0.00	20.45 0.80 0.00	25.06 1.24 0.00	23.92 1.31 0.00	24.19 1.32 0.00	26.18 1.26 0.00	27.20 1.25 0.00	26.74 1.38 0.00	30.79 2.02 0.00	37.56 2.82 0.00	40.11 2.40 0.00	33.37 1.92 0.00	45.70 2.35 0.00	41.90 2.15 0.00	29.20 1.50 0.00	27.00 1.38 0.00
KIAC_JFK_GT2 23817	19.52 0.93 0.00	18.29 0.82 0.00	18.13 0.78 0.00	17.49 0.74 0.00	19.78 0.83 0.00	21.69 0.98 0.00	25.09 1.11 0.00	33.46 1.82 0.00	23.67 1.03 0.00	20.45 0.80 0.00	25.06 1.24 0.00	23.92 1.31 0.00	24.19 1.32 0.00	26.18 1.26 0.00	27.20 1.25 0.00	26.74 1.38 0.00	30.79 2.02 0.00	37.56 2.82 0.00	40.11 2.40 0.00	33.37 1.92 0.00	45.70 2.35 0.00	41.90 2.15 0.00	29.20 1.50 0.00	27.00 1.38 0.00
KIAC_JFK____ 323774	19.52 0.93 0.00	18.29 0.82 0.00	18.13 0.79 0.00	17.48 0.73 0.00	19.78 0.83 0.00	21.69 0.98 0.00	25.09 1.11 0.00	33.46 1.82 0.00	23.67 1.03 0.00	20.45 0.80 0.00	25.06 1.24 0.00	23.92 1.31 0.00	24.19 1.32 0.00	26.18 1.26 0.00	27.20 1.25 0.00	26.74 1.37 0.00	30.78 2.02 0.00	37.56 2.83 0.00	40.11 2.41 0.00	33.37 1.92 0.00	45.69 2.35 0.00	41.90 2.15 0.00	29.20 1.50 0.00	27.00 1.38 0.00
KINTIGH____ 23543	17.19 -1.40 0.00	16.08 -1.40 0.00	15.91 -1.43 0.00	15.36 -1.39 0.00	17.37 -1.58 0.00	18.91 -1.80 0.00	21.80 -2.18 0.00	28.87 -2.77 0.00	20.93 -1.72 0.00	18.27 -1.37 0.00	22.22 -1.60 0.00	20.92 -1.69 0.00	21.22 -1.65 0.00	23.18 -1.74 0.00	24.17 -1.79 0.00	23.48 -1.89 0.00	26.75 -2.02 0.00	32.32 -2.41 0.00	34.81 -2.90 0.00	29.06 -2.39 0.00	39.66 -3.69 0.00	36.05 -3.71 0.00	25.43 -2.27 0.00	23.66 -1.96 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.79 0.20 0.00	17.79 0.32 0.00	17.78 0.44 0.00	17.26 0.51 0.00	19.60 0.65 0.00	21.52 0.81 0.00	25.03 1.05 0.00	32.83 1.18 0.00	23.29 0.65 0.00	19.98 0.34 0.00	23.91 0.09 0.00	22.73 0.12 0.00	23.04 0.17 0.00	25.15 0.22 0.00	26.40 0.45 0.00	25.80 0.43 0.00	28.82 0.05 0.00	34.80 0.06 0.00	38.19 0.48 0.00	32.20 0.75 0.00	44.82 1.48 0.00	41.31 1.56 0.00	28.59 0.89 0.00	26.11 0.49 0.00
LACHUTE____HYDRO 323717	20.01 1.42 0.00	18.86 1.39 0.00	18.82 1.48 0.00	18.18 1.44 0.00	20.75 1.79 0.00	22.85 2.14 0.00	26.88 2.90 0.00	35.36 3.71 0.00	25.12 2.47 0.00	21.64 2.00 0.00	26.37 2.55 0.00	24.99 2.38 0.00	25.20 2.33 0.00	27.69 2.77 0.00	29.21 3.25 0.00	28.68 3.32 0.00	32.89 4.12 0.00	40.18 5.44 0.00	43.14 5.44 0.00	35.48 4.03 0.00	48.01 4.67 0.00	43.51 3.76 0.00	30.21 2.51 0.00	27.92 2.30 0.00
LAWRNCV_115KV_TB1 80681	18.69 0.10 0.00	17.58 0.11 0.00	17.48 0.13 0.00	16.88 0.13 0.00	19.16 0.21 0.00	20.86 0.15 0.00	24.15 0.17 0.00	31.63 -0.01 0.00	22.73 0.09 0.00	19.77 0.13 0.00	23.80 -0.03 0.00	22.63 0.02 0.00	22.78 -0.10 0.00	24.86 -0.07 0.00	25.92 -0.04 0.00	25.08 -0.29 0.00	28.05 -0.72 0.00	33.57 -1.17 0.00	36.94 -0.77 0.00	31.11 -0.34 0.00	43.26 -0.08 0.00	39.89 0.14 0.00	27.89 0.20 0.00	25.70 0.08 0.00
LEDERLE____ 23769	19.37 0.78 0.00	18.20 0.72 0.00	18.04 0.70 0.00	17.40 0.66 0.00	19.68 0.73 0.00	21.60 0.89 0.00	25.12 1.14 0.00	33.39 1.75 0.00	23.65 1.00 0.00	20.43 0.79 0.00	24.99 1.17 0.00	23.80 1.19 0.00	24.04 1.17 0.00	26.11 1.19 0.00	27.16 1.21 0.00	26.67 1.30 0.00	30.68 1.91 0.00	37.44 2.71 0.00	40.13 2.42 0.00	33.36 1.91 0.00	45.60 2.26 0.00	41.78 2.03 0.00	29.07 1.38 0.00	26.85 1.23 0.00
LIGHTHSE_115KV_TB6 355974	18.01 -0.57 0.00	16.87 -0.60 0.00	16.79 -0.55 0.00	16.17 -0.57 0.00	18.42 -0.53 0.00	20.01 -0.70 0.00	23.20 -0.78 0.00	30.62 -1.02 0.00	22.05 -0.60 0.00	19.15 -0.49 0.00	23.27 -0.56 0.00	22.11 -0.50 0.00	22.27 -0.60 0.00	24.29 -0.63 0.00	25.26 -0.70 0.00	24.66 -0.71 0.00	28.07 -0.70 0.00	33.98 -0.76 0.00	36.69 -1.02 0.00	30.70 -0.75 0.00	42.30 -1.04 0.00	38.79 -0.96 0.00	26.97 -0.72 0.00	24.97 -0.65 0.00
LINDEN COGEN____ 23786	19.29 0.70 0.00	18.11 0.64 0.00	17.95 0.61 0.00	17.31 0.57 0.00	19.57 0.62 0.00	21.48 0.77 0.00	24.93 0.95 0.00	33.22 1.58 0.00	23.47 0.82 0.00	20.28 0.63 0.00	24.82 1.00 0.00	23.67 1.06 0.00	23.93 1.06 0.00	25.93 1.01 0.00	26.99 1.03 0.00	26.51 1.14 0.00	30.51 1.74 0.00	37.25 2.52 0.00	39.82 2.11 0.00	33.15 1.69 0.00	45.29 1.95 0.00	41.61 1.86 0.00	28.98 1.29 0.00	26.80 1.17 0.00
LINDHRST_69_KV_BK1 356055	19.95 1.37 0.00	18.74 1.27 0.00	18.57 1.23 0.00	17.92 1.17 0.00	20.18 1.23 0.00	22.14 1.42 0.00	25.68 1.70 0.00	34.24 2.60 0.00	24.11 1.46 0.00	20.80 1.16 0.00	25.62 1.79 0.00	24.38 1.77 0.00	24.45 1.58 0.00	26.60 1.68 0.00	27.88 1.93 0.00	27.47 2.10 0.00	31.54 2.77 0.00	38.49 3.76 0.00	41.25 3.54 0.00	34.44 2.99 0.00	49.83 3.67 -2.82	62.27 3.39 -19.12	29.94 2.24 0.00	28.61 2.09 -0.90
LIPA_MISC_IPP 23656	19.91 1.33 0.00	18.73 1.26 0.00	18.55 1.20 0.00	17.92 1.17 0.00	20.15 1.19 0.00	22.09 1.38 0.00	25.51 1.53 0.00	34.04 2.40 0.00	23.87 1.22 0.00	20.56 0.91 0.00	25.28 1.46 0.00	24.08 1.47 0.00	24.13 1.26 0.00	26.23 1.31 0.00	27.53 1.58 0.00	27.14 1.77 0.00	31.15 2.38 0.00	38.01 3.27 0.00	40.71 3.00 0.00	34.01 2.55 0.00	49.28 3.11 -2.82	61.79 2.91 -19.12	29.62 1.92 0.00	28.39 1.87 -0.90
LISF__SOLAR 323691	19.94 1.36 0.00	18.76 1.29 0.00	18.58 1.23 0.00	17.94 1.20 0.00	20.18 1.22 0.00	22.13 1.42 0.00	25.55 1.57 0.00	34.10 2.46 0.00	23.91 1.26 0.00	20.58 0.93 0.00	25.30 1.47 0.00	24.09 1.48 0.00	24.14 1.27 0.00	26.24 1.32 0.00	27.56 1.60 0.00	27.17 1.81 0.00	31.21 2.44 0.00	38.08 3.34 0.00	40.79 3.08 0.00	34.07 2.61 0.00	49.36 3.20 -2.82	61.86 2.98 -19.12	29.66 1.96 0.00	28.43 1.91 -0.90
LITTLE FALLS____HYD 24013	18.50 -0.08 0.00	17.42 -0.05 0.00	17.33 -0.02 0.00	16.70 -0.05 0.00	18.83 -0.12 0.00	20.65 -0.06 0.00	23.98 0.00 0.00	31.81 0.17 0.00	22.59 -0.06 0.00	19.38 -0.27 0.00	23.50 -0.33 0.00	22.42 -0.19 0.00	22.66 -0.21 0.00	24.78 -0.14 0.00	25.96 0.00 0.00	25.57 0.20 0.00	29.43 0.66 0.00	36.02 1.29 0.00	38.72 1.01 0.00	32.12 0.66 0.00	44.11 0.76 0.00	40.17 0.42 0.00	27.85 0.15 0.00	25.65 0.03 0.00
LITTLRIV_115KV_TB1 356100	18.94 0.36 0.00	17.82 0.35 0.00	17.72 0.38 0.00	17.13 0.38 0.00	19.46 0.51 0.00	21.24 0.53 0.00	24.65 0.67 0.00	32.34 0.70 0.00	23.20 0.55 0.00	20.17 0.53 0.00	24.27 0.45 0.00	23.07 0.46 0.00	23.24 0.37 0.00	25.40 0.48 0.00	26.43 0.48 0.00	25.59 0.22 0.00	28.61 -0.16 0.00	34.25 -0.48 0.00	37.81 0.10 0.00	31.88 0.42 0.00	44.28 0.94 0.00	40.77 1.02 0.00	28.45 0.76 0.00	26.20 0.58 0.00

LI_NEWBRDGE___DRP 323616	19.54 0.95 0.00	18.36 0.89 0.00	18.19 0.85 0.00	17.56 0.82 0.00	19.81 0.86 0.00	21.72 1.02 0.00	25.22 1.24 0.00	33.60 1.96 0.00	23.69 1.05 0.00	20.47 0.82 0.00	25.13 1.30 0.00	23.93 1.32 0.00	24.08 1.21 0.00	26.18 1.26 0.00	27.35 1.39 0.00	26.90 1.54 0.00	30.89 2.12 0.00	37.69 2.95 0.00	40.39 2.68 0.00	33.67 2.21 0.00	48.82 2.66 -2.82	61.34 2.46 -19.12	29.35 1.65 0.00	28.06 1.54 -0.90
LOCKPORT_115KV_TB60_63_64 80432	17.11 -1.47 0.00	15.97 -1.51 0.00	15.81 -1.54 0.00	15.26 -1.48 0.00	17.25 -1.70 0.00	18.80 -1.91 0.00	21.69 -2.30 0.00	28.77 -2.88 0.00	20.95 -1.70 0.00	18.29 -1.35 0.00	22.18 -1.64 0.00	20.84 -1.78 0.00	21.16 -1.72 0.00	23.13 -1.79 0.00	24.12 -1.83 0.00	23.41 -1.96 0.00	26.73 -2.04 0.00	32.30 -2.43 0.00	34.75 -2.96 0.00	29.04 -2.42 0.00	39.54 -3.80 0.00	35.85 -3.90 0.00	25.34 -2.36 0.00	23.57 -2.06 0.00
LOCKPORT___CC1 323769	17.09 -1.49 0.00	15.96 -1.51 0.00	15.76 -1.59 0.00	15.26 -1.49 0.00	17.24 -1.71 0.00	18.78 -1.93 0.00	21.65 -2.33 0.00	28.71 -2.93 0.00	20.90 -1.75 0.00	18.25 -1.39 0.00	22.14 -1.68 0.00	20.80 -1.81 0.00	21.13 -1.75 0.00	23.10 -1.82 0.00	24.08 -1.87 0.00	23.38 -1.99 0.00	26.70 -2.07 0.00	32.25 -2.48 0.00	32.01 -3.00 2.70	28.63 -2.47 0.36	39.05 -3.87 0.42	35.56 -3.94 0.25	25.31 -2.39 0.00	23.54 -2.09 0.00
LOCKPORT___CC2 323770	17.09 -1.49 0.00	15.96 -1.51 0.00	15.76 -1.59 0.00	15.26 -1.49 0.00	17.24 -1.71 0.00	18.78 -1.93 0.00	21.65 -2.33 0.00	28.71 -2.93 0.00	20.90 -1.75 0.00	18.25 -1.39 0.00	22.14 -1.68 0.00	20.80 -1.81 0.00	21.13 -1.75 0.00	23.10 -1.82 0.00	24.08 -1.87 0.00	23.38 -1.99 0.00	26.70 -2.07 0.00	32.25 -2.48 0.00	32.01 -3.00 2.70	28.63 -2.47 0.36	39.05 -3.87 0.42	35.56 -3.94 0.25	25.31 -2.39 0.00	23.54 -2.09 0.00
LOCKPORT___CC3 323771	17.09 -1.49 0.00	15.96 -1.51 0.00	15.76 -1.59 0.00	15.26 -1.49 0.00	17.24 -1.71 0.00	18.78 -1.93 0.00	21.65 -2.33 0.00	28.71 -2.93 0.00	20.90 -1.75 0.00	18.25 -1.39 0.00	22.14 -1.68 0.00	20.80 -1.81 0.00	21.13 -1.75 0.00	23.10 -1.82 0.00	24.08 -1.87 0.00	23.38 -1.99 0.00	26.70 -2.07 0.00	32.25 -2.48 0.00	32.01 -3.00 2.70	28.63 -2.47 0.36	39.05 -3.87 0.42	35.56 -3.94 0.25	25.31 -2.39 0.00	23.54 -2.09 0.00
LONG_LAKE_PHOENIX 24014	18.08 -0.50 0.00	16.98 -0.49 0.00	16.84 -0.50 0.00	16.26 -0.49 0.00	18.42 -0.53 0.00	20.12 -0.59 0.00	23.24 -0.74 0.00	30.63 -1.01 0.00	22.01 -0.64 0.00	19.12 -0.53 0.00	23.20 -0.62 0.00	22.03 -0.58 0.00	22.28 -0.60 0.00	24.26 -0.66 0.00	25.21 -0.75 0.00	24.67 -0.70 0.00	28.11 -0.66 0.00	34.05 -0.68 0.00	36.81 -0.90 0.00	30.66 -0.79 0.00	42.06 -1.29 0.00	38.44 -1.31 0.00	26.79 -0.91 0.00	24.84 -0.78 0.00
LOVETT___3 23632	19.28 0.69 0.00	18.11 0.64 0.00	17.96 0.62 0.00	17.33 0.59 0.00	19.59 0.64 0.00	21.50 0.79 0.00	24.98 1.00 0.00	33.20 1.56 0.00	23.50 0.85 0.00	20.31 0.67 0.00	24.84 1.02 0.00	23.66 1.05 0.00	23.91 1.03 0.00	25.96 1.04 0.00	27.01 1.05 0.00	26.51 1.15 0.00	30.50 1.73 0.00	37.22 2.48 0.00	39.87 2.16 0.00	33.16 1.70 0.00	45.34 1.99 0.00	41.55 1.80 0.00	28.92 1.22 0.00	26.72 1.10 0.00
LOVETT___4 23642	19.28 0.69 0.00	18.11 0.64 0.00	17.96 0.62 0.00	17.33 0.59 0.00	19.59 0.64 0.00	21.50 0.79 0.00	24.98 1.00 0.00	33.20 1.56 0.00	23.50 0.85 0.00	20.31 0.67 0.00	24.84 1.02 0.00	23.66 1.05 0.00	23.91 1.03 0.00	25.96 1.04 0.00	27.01 1.05 0.00	26.51 1.15 0.00	30.50 1.73 0.00	37.22 2.48 0.00	39.87 2.16 0.00	33.16 1.70 0.00	45.34 1.99 0.00	41.55 1.80 0.00	28.92 1.22 0.00	26.72 1.10 0.00
LOVETT___5 23593	19.28 0.69 0.00	18.11 0.64 0.00	17.96 0.62 0.00	17.33 0.59 0.00	19.59 0.64 0.00	21.50 0.79 0.00	24.98 1.00 0.00	33.20 1.56 0.00	23.50 0.85 0.00	20.31 0.67 0.00	24.84 1.02 0.00	23.66 1.05 0.00	23.91 1.03 0.00	25.96 1.04 0.00	27.01 1.05 0.00	26.51 1.15 0.00	30.50 1.73 0.00	37.22 2.48 0.00	39.87 2.16 0.00	33.16 1.70 0.00	45.34 1.99 0.00	41.55 1.80 0.00	28.92 1.22 0.00	26.72 1.10 0.00
LOWER RAQUET___HYD 24057	18.61 0.03 0.00	17.51 0.04 0.00	17.41 0.07 0.00	16.82 0.07 0.00	19.10 0.15 0.00	20.77 0.06 0.00	24.05 0.07 0.00	31.51 -0.13 0.00	22.66 0.01 0.00	19.69 0.04 0.00	23.69 -0.13 0.00	22.55 -0.06 0.00	22.66 -0.21 0.00	24.73 -0.18 0.00	25.80 -0.16 0.00	24.96 -0.40 0.00	27.92 -0.85 0.00	33.42 -1.32 0.00	36.77 -0.94 0.00	30.98 -0.47 0.00	43.12 -0.22 0.00	39.75 0.00 0.00	27.77 0.08 0.00	25.59 -0.04 0.00
LOWER___HUDSON 24059	19.03 0.44 0.00	17.92 0.45 0.00	17.83 0.49 0.00	17.22 0.47 0.00	19.48 0.53 0.00	21.30 0.59 0.00	24.71 0.73 0.00	32.66 1.02 0.00	23.25 0.60 0.00	20.11 0.47 0.00	24.42 0.60 0.00	23.19 0.58 0.00	23.47 0.60 0.00	25.64 0.71 0.00	26.80 0.84 0.00	26.30 0.93 0.00	29.98 1.21 0.00	36.53 1.79 0.00	39.42 1.71 0.00	32.68 1.23 0.00	44.87 1.53 0.00	40.94 1.19 0.00	28.44 0.75 0.00	26.28 0.66 0.00
LOWVILLE_115KV_TB2 356335	18.39 -0.19 0.00	17.16 -0.31 0.00	17.20 -0.14 0.00	16.46 -0.29 0.00	18.91 -0.04 0.00	20.30 -0.40 0.00	23.67 -0.31 0.00	31.47 -0.17 0.00	22.68 0.03 0.00	19.66 0.02 0.00	23.94 0.12 0.00	22.77 0.16 0.00	22.90 0.03 0.00	24.98 0.06 0.00	26.04 0.08 0.00	25.27 -0.10 0.00	28.79 0.02 0.00	34.70 -0.04 0.00	37.17 -0.54 0.00	31.38 -0.08 0.00	43.73 0.39 0.00	40.35 0.60 0.00	27.94 0.25 0.00	25.78 0.15 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.33 0.75 0.00	18.19 0.72 0.00	18.10 0.76 0.00	17.49 0.74 0.00	19.82 0.86 0.00	21.69 0.98 0.00	25.23 1.25 0.00	33.39 1.74 0.00	23.76 1.12 0.00	20.53 0.89 0.00	24.92 1.10 0.00	23.65 1.04 0.00	23.97 1.10 0.00	26.19 1.27 0.00	27.37 1.41 0.00	26.84 1.47 0.00	30.66 1.89 0.00	37.31 2.57 0.00	40.29 2.58 0.00	33.42 1.97 0.00	45.79 2.45 0.00	41.74 1.99 0.00	29.00 1.30 0.00	26.76 1.14 0.00
LUTHERNY_35_KV_BK2 355980	19.33 0.74 0.00	18.20 0.72 0.00	18.11 0.77 0.00	17.49 0.74 0.00	19.83 0.88 0.00	21.71 1.00 0.00	25.25 1.27 0.00	33.42 1.78 0.00	23.78 1.13 0.00	20.55 0.91 0.00	24.94 1.12 0.00	23.66 1.05 0.00	23.98 1.10 0.00	26.22 1.29 0.00	27.39 1.43 0.00	26.85 1.48 0.00	30.69 1.93 0.00	37.31 2.58 0.00	40.33 2.62 0.00	33.45 2.00 0.00	45.83 2.49 0.00	41.73 1.98 0.00	29.01 1.31 0.00	26.76 1.14 0.00
LWR___OSWEGATCHIE_HYD 23850	18.26 -0.33 0.00	17.11 -0.36 0.00	17.08 -0.27 0.00	16.43 -0.32 0.00	18.77 -0.19 0.00	20.29 -0.42 0.00	23.57 -0.41 0.00	31.08 -0.56 0.00	22.38 -0.27 0.00	19.43 -0.21 0.00	23.51 -0.32 0.00	22.38 -0.23 0.00	22.47 -0.41 0.00	24.53 -0.39 0.00	25.57 -0.39 0.00	24.79 -0.58 0.00	27.96 -0.81 0.00	33.60 -1.14 0.00	36.51 -1.20 0.00	30.78 -0.67 0.00	42.85 -0.49 0.00	39.53 -0.23 0.00	27.50 -0.20 0.00	25.35 -0.27 0.00

LYONS_FALL_HYD 23570	18.61 0.03 0.00	17.41 -0.06 0.00	17.39 0.04 0.00	16.69 -0.06 0.00	19.08 0.13 0.00	20.63 -0.08 0.00	24.04 0.05 0.00	31.89 0.25 0.00	22.93 0.28 0.00	19.88 0.24 0.00	24.20 0.37 0.00	23.00 0.39 0.00	23.17 0.29 0.00	25.27 0.34 0.00	26.32 0.36 0.00	25.63 0.26 0.00	29.24 0.47 0.00	35.29 0.55 0.00	37.92 0.21 0.00	31.84 0.38 0.00	44.12 0.78 0.00	40.58 0.83 0.00	28.15 0.45 0.00	25.97 0.35 0.00
MADISON___COUNTY_LFGE 323628	18.93 0.34 0.00	17.78 0.31 0.00	17.65 0.31 0.00	17.01 0.26 0.00	19.31 0.35 0.00	21.10 0.38 0.00	24.55 0.56 0.00	32.49 0.85 0.00	23.30 0.65 0.00	20.22 0.58 0.00	24.59 0.77 0.00	23.34 0.73 0.00	23.57 0.70 0.00	25.69 0.76 0.00	26.75 0.80 0.00	26.16 0.79 0.00	29.89 1.12 0.00	36.14 1.40 0.00	38.97 1.26 0.00	32.50 1.05 0.00	44.68 1.34 0.00	40.88 1.13 0.00	28.39 0.70 0.00	26.24 0.61 0.00
MALONE___115KV_TB1 356076	18.77 0.18 0.00	17.74 0.27 0.00	17.69 0.35 0.00	17.16 0.42 0.00	19.49 0.53 0.00	21.34 0.63 0.00	24.76 0.78 0.00	32.41 0.77 0.00	23.14 0.49 0.00	19.95 0.30 0.00	23.95 0.13 0.00	22.78 0.17 0.00	23.05 0.18 0.00	25.13 0.20 0.00	26.28 0.32 0.00	25.63 0.26 0.00	28.62 -0.15 0.00	34.44 -0.29 0.00	37.92 0.22 0.00	31.98 0.53 0.00	44.48 1.14 0.00	40.98 1.23 0.00	28.48 0.78 0.00	26.12 0.50 0.00
MAPLEWOD_115KV_TB3 80458	18.95 0.37 0.00	17.85 0.38 0.00	17.73 0.39 0.00	17.14 0.39 0.00	19.36 0.41 0.00	21.16 0.44 0.00	24.53 0.55 0.00	32.46 0.81 0.00	23.12 0.47 0.00	20.00 0.36 0.00	24.31 0.49 0.00	23.09 0.48 0.00	23.37 0.50 0.00	25.53 0.61 0.00	26.66 0.71 0.00	26.16 0.79 0.00	29.83 1.06 0.00	36.30 1.56 0.00	39.19 1.48 0.00	32.51 1.05 0.00	44.59 1.25 0.00	40.73 0.98 0.00	28.31 0.61 0.00	26.14 0.52 0.00
MAPLE_RIDGE_WT_1 323574	18.39 -0.20 0.00	17.34 -0.14 0.00	17.16 -0.19 0.00	16.60 -0.15 0.00	18.84 -0.11 0.00	20.57 -0.14 0.00	23.81 -0.17 0.00	31.49 -0.15 0.00	22.58 -0.07 0.00	19.59 -0.05 0.00	23.70 -0.12 0.00	22.49 -0.12 0.00	22.71 -0.16 0.00	24.73 -0.19 0.00	25.72 -0.23 0.00	25.05 -0.32 0.00	28.33 -0.44 0.00	33.97 -0.76 0.00	36.94 -0.77 0.00	30.96 -0.49 0.00	43.16 -0.19 0.00	39.85 0.10 0.00	27.69 0.00 0.00	25.61 -0.02 0.00
MAPLE_RIDGE_WT_2 323611	18.39 -0.20 0.00	17.34 -0.14 0.00	17.16 -0.19 0.00	16.60 -0.15 0.00	18.84 -0.11 0.00	20.57 -0.14 0.00	23.81 -0.17 0.00	31.49 -0.15 0.00	22.58 -0.07 0.00	19.59 -0.05 0.00	23.70 -0.12 0.00	22.49 -0.12 0.00	22.71 -0.16 0.00	24.73 -0.19 0.00	25.72 -0.23 0.00	25.05 -0.32 0.00	28.33 -0.44 0.00	33.97 -0.76 0.00	36.94 -0.77 0.00	30.96 -0.49 0.00	43.16 -0.19 0.00	39.85 0.10 0.00	27.69 0.00 0.00	25.61 -0.02 0.00
MARBLE_RIVER_WT_PWR 323696	18.52 -0.06 0.00	17.56 0.09 0.00	17.55 0.21 0.00	17.05 0.30 0.00	19.35 0.40 0.00	21.23 0.52 0.00	24.64 0.66 0.00	32.16 0.52 0.00	22.84 0.19 0.00	19.61 -0.03 0.00	23.53 -0.30 0.00	22.38 -0.23 0.00	22.69 -0.18 0.00	24.73 -0.19 0.00	25.93 -0.02 0.00	25.32 -0.05 0.00	28.24 -0.53 0.00	34.05 -0.68 0.00	37.42 -0.29 0.00	31.58 0.13 0.00	43.99 0.65 0.00	40.57 0.82 0.00	28.17 0.47 0.00	25.80 0.17 0.00
MARSHVLE_115KV_TB1 80742	19.60 1.02 0.00	18.38 0.90 0.00	18.24 0.89 0.00	17.58 0.83 0.00	19.88 0.93 0.00	21.81 1.10 0.00	25.31 1.33 0.00	33.44 1.80 0.00	24.11 1.46 0.00	20.86 1.22 0.00	25.00 1.17 0.00	23.68 1.07 0.00	24.08 1.21 0.00	26.31 1.38 0.00	27.40 1.45 0.00	26.75 1.39 0.00	30.49 1.71 0.00	36.75 2.01 0.00	39.92 2.21 0.00	33.37 1.91 0.00	45.95 2.61 0.00	42.19 2.44 0.00	29.40 1.71 0.00	27.15 1.53 0.00
MARSH_HILL_WT_PWR 323713	16.63 -1.95 0.00	15.47 -2.01 0.00	15.33 -2.02 0.00	14.87 -1.88 0.00	16.97 -1.98 0.00	18.57 -2.14 0.00	21.49 -2.49 0.00	28.87 -2.78 -0.01	20.71 -1.94 0.00	17.96 -1.69 0.00	21.87 -1.95 0.00	20.62 -1.99 0.00	20.90 -1.97 0.00	22.81 -2.11 0.00	23.72 -2.23 0.00	23.21 -2.16 0.00	26.82 -1.95 0.00	33.11 -1.63 0.00	36.83 -2.11 -1.24	29.89 -1.74 -0.16	40.70 -2.84 -0.19	37.16 -2.71 -0.11	25.91 -1.78 0.00	23.77 -1.85 0.00
MCINTYRE_115KV_TB2 80467	19.17 0.58 0.00	18.04 0.57 0.00	17.92 0.58 0.00	17.32 0.58 0.00	19.68 0.73 0.00	21.52 0.81 0.00	25.01 1.03 0.00	32.80 1.15 0.00	23.51 0.86 0.00	20.45 0.81 0.00	24.60 0.77 0.00	23.34 0.73 0.00	23.58 0.70 0.00	25.77 0.84 0.00	26.81 0.85 0.00	25.95 0.59 0.00	29.01 0.24 0.00	34.71 -0.03 0.00	38.37 0.66 0.00	32.35 0.90 0.00	44.91 1.56 0.00	41.33 1.58 0.00	28.85 1.15 0.00	26.58 0.96 0.00
MECO_____69_KV_BK1 80468	20.39 1.81 0.00	19.12 1.65 0.00	18.96 1.61 0.00	18.29 1.54 0.00	20.71 1.76 0.00	22.82 2.11 0.00	26.64 2.66 0.00	35.33 3.69 0.00	25.20 2.55 0.00	21.25 1.61 0.00	24.99 1.17 0.00	23.99 1.38 0.00	24.74 1.86 0.00	27.48 2.56 0.00	28.71 2.76 0.00	28.18 2.81 0.00	32.31 3.54 0.00	39.12 4.38 0.00	42.36 4.65 0.00	35.33 3.87 0.00	48.48 5.14 0.00	44.26 4.51 0.00	30.71 3.01 0.00	28.28 2.66 0.00
MENANDS___115KV_TB5 355628	18.85 0.26 0.00	17.76 0.29 0.00	17.64 0.30 0.00	17.05 0.30 0.00	19.26 0.30 0.00	21.03 0.32 0.00	24.38 0.40 0.00	32.24 0.60 0.00	22.96 0.31 0.00	19.88 0.23 0.00	24.16 0.34 0.00	22.96 0.35 0.00	23.23 0.36 0.00	25.36 0.44 0.00	26.49 0.53 0.00	25.98 0.62 0.00	29.63 0.86 0.00	36.04 1.31 0.00	38.90 1.19 0.00	32.27 0.81 0.00	44.28 0.93 0.00	40.43 0.68 0.00	28.12 0.43 0.00	25.97 0.35 0.00
MG INDUSTRY___DRP 24185	18.87 0.28 0.00	17.78 0.31 0.00	17.66 0.32 0.00	17.06 0.32 0.00	19.28 0.33 0.00	21.07 0.36 0.00	24.42 0.44 0.00	32.28 0.63 0.00	23.00 0.35 0.00	19.88 0.23 0.00	24.15 0.33 0.00	22.94 0.33 0.00	23.23 0.35 0.00	25.36 0.44 0.00	26.50 0.54 0.00	25.98 0.61 0.00	29.62 0.85 0.00	35.96 1.23 0.00	38.87 1.16 0.00	32.26 0.81 0.00	44.28 0.94 0.00	40.49 0.74 0.00	28.18 0.48 0.00	26.03 0.41 0.00
MID___OSWEGATCHIE_HYD 23849	18.26 -0.33 0.00	17.11 -0.36 0.00	17.08 -0.27 0.00	16.43 -0.32 0.00	18.77 -0.19 0.00	20.29 -0.42 0.00	23.57 -0.41 0.00	31.08 -0.56 0.00	22.38 -0.27 0.00	19.43 -0.21 0.00	23.51 -0.32 0.00	22.38 -0.23 0.00	22.47 -0.41 0.00	24.53 -0.39 0.00	25.57 -0.39 0.00	24.79 -0.58 0.00	27.96 -0.81 0.00	33.60 -1.14 0.00	36.51 -1.20 0.00	30.78 -0.67 0.00	42.85 -0.49 0.00	39.53 -0.23 0.00	27.50 -0.20 0.00	25.35 -0.27 0.00
MID___RAQUETTE_HYD 23851	18.61 0.03 0.00	17.51 0.04 0.00	17.41 0.07 0.00	16.82 0.07 0.00	19.10 0.14 0.00	20.77 0.06 0.00	24.05 0.07 0.00	31.51 -0.13 0.00	22.66 0.01 0.00	19.69 0.04 0.00	23.69 -0.13 0.00	22.55 -0.06 0.00	22.67 -0.21 0.00	24.73 -0.18 0.00	25.79 -0.16 0.00	24.97 -0.40 0.00	27.92 -0.85 0.00	33.42 -1.32 0.00	36.77 -0.94 0.00	30.98 -0.47 0.00	43.12 -0.22 0.00	39.75 0.00 0.00	27.77 0.07 0.00	25.59 -0.04 0.00

MILLIKEN___1 23584	18.68 0.09 0.00	17.54 0.07 0.00	17.42 0.07 0.00	16.80 0.06 0.00	19.01 0.05 0.00	20.80 0.09 0.00	24.15 0.17 0.00	32.00 0.35 0.00	22.91 0.26 0.00	19.89 0.25 0.00	24.25 0.43 0.00	22.99 0.38 0.00	23.25 0.38 0.00	25.33 0.41 0.00	26.35 0.39 0.00	25.77 0.40 0.00	29.48 0.71 0.00	35.77 1.04 0.00	38.57 0.87 0.00	32.16 0.70 0.00	43.96 0.61 0.00	40.19 0.44 0.00	28.01 0.31 0.00	25.91 0.29 0.00
MILLIKEN___2 23585	18.68 0.09 0.00	17.54 0.07 0.00	17.42 0.07 0.00	16.80 0.06 0.00	19.01 0.05 0.00	20.80 0.09 0.00	24.15 0.17 0.00	32.00 0.35 0.00	22.91 0.26 0.00	19.89 0.25 0.00	24.25 0.43 0.00	22.99 0.38 0.00	23.25 0.38 0.00	25.33 0.41 0.00	26.35 0.39 0.00	25.77 0.40 0.00	29.48 0.71 0.00	35.77 1.04 0.00	38.57 0.87 0.00	32.16 0.70 0.00	43.96 0.61 0.00	40.19 0.44 0.00	28.01 0.31 0.00	25.91 0.29 0.00
MILLIKEN___DIESEL 23629	18.68 0.09 0.00	17.54 0.07 0.00	17.42 0.07 0.00	16.80 0.06 0.00	19.01 0.05 0.00	20.80 0.09 0.00	24.15 0.17 0.00	32.00 0.35 0.00	22.91 0.26 0.00	19.89 0.25 0.00	24.25 0.43 0.00	22.99 0.38 0.00	23.25 0.38 0.00	25.33 0.41 0.00	26.35 0.39 0.00	25.77 0.40 0.00	29.48 0.71 0.00	35.77 1.04 0.00	38.57 0.87 0.00	32.16 0.70 0.00	43.96 0.61 0.00	40.19 0.44 0.00	28.01 0.31 0.00	25.91 0.29 0.00
MILLSEAT___LFGE 323607	17.51 -1.08 0.00	16.35 -1.12 0.00	16.16 -1.19 0.00	15.64 -1.11 0.00	17.69 -1.27 0.00	19.30 -1.41 0.00	22.33 -1.65 0.00	29.65 -1.99 0.00	21.56 -1.09 0.00	18.82 -0.82 0.00	22.83 -0.99 0.00	21.46 -1.15 0.00	21.78 -1.10 0.00	23.79 -1.13 0.00	24.80 -1.16 0.00	24.08 -1.29 0.00	27.52 -1.25 0.00	33.30 -1.44 0.00	33.38 -1.86 2.47	29.61 -1.52 0.33	40.37 -2.59 0.39	36.72 -2.81 0.22	26.03 -1.67 0.00	24.18 -1.45 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.32 0.74 0.00	18.16 0.69 0.00	18.00 0.66 0.00	17.37 0.62 0.00	19.64 0.69 0.00	21.54 0.83 0.00	25.01 1.03 0.00	33.25 1.61 0.00	23.53 0.88 0.00	20.34 0.69 0.00	24.88 1.06 0.00	23.70 1.09 0.00	23.95 1.08 0.00	26.01 1.08 0.00	27.07 1.12 0.00	26.59 1.22 0.00	30.55 1.78 0.00	37.27 2.54 0.00	39.96 2.25 0.00	33.23 1.77 0.00	45.42 2.08 0.00	41.64 1.88 0.00	28.98 1.28 0.00	26.78 1.16 0.00
MILLWOOD_13_KV_LOAD 356217	19.36 0.78 0.00	18.19 0.72 0.00	18.04 0.70 0.00	17.40 0.66 0.00	19.68 0.73 0.00	21.58 0.88 0.00	25.07 1.09 0.00	33.34 1.70 0.00	23.59 0.95 0.00	20.39 0.74 0.00	24.95 1.12 0.00	23.75 1.15 0.00	24.01 1.14 0.00	26.07 1.15 0.00	27.14 1.18 0.00	26.66 1.29 0.00	30.63 1.86 0.00	37.39 2.65 0.00	40.07 2.36 0.00	33.32 1.87 0.00	45.55 2.21 0.00	41.75 2.00 0.00	29.06 1.36 0.00	26.85 1.23 0.00
MODEL_CITY_ENERGY 24167	16.89 -1.69 0.00	15.77 -1.70 0.00	15.57 -1.77 0.00	15.08 -1.67 0.00	17.03 -1.92 0.00	18.56 -2.16 0.00	21.38 -2.60 0.00	28.35 -3.29 0.00	20.67 -1.98 0.00	18.05 -1.59 0.00	21.86 -1.96 0.00	20.53 -2.09 0.00	20.84 -2.03 0.00	22.79 -2.14 0.00	23.77 -2.18 0.00	23.07 -2.30 0.00	26.33 -2.44 0.00	31.78 -2.95 0.00	31.35 -3.50 2.86	28.21 -2.86 0.38	38.50 -4.40 0.45	35.07 -4.42 0.26	24.99 -2.70 0.00	23.26 -2.36 0.00
MODERN_LFGE___ 323580	16.89 -1.69 0.00	15.77 -1.70 0.00	15.57 -1.77 0.00	15.08 -1.67 0.00	17.03 -1.92 0.00	18.56 -2.16 0.00	21.38 -2.60 0.00	28.35 -3.29 0.00	20.67 -1.98 0.00	18.05 -1.59 0.00	21.86 -1.96 0.00	20.53 -2.09 0.00	20.84 -2.03 0.00	22.79 -2.14 0.00	23.77 -2.18 0.00	23.07 -2.30 0.00	26.33 -2.44 0.00	31.78 -2.95 0.00	31.35 -3.50 2.86	28.21 -2.86 0.38	38.50 -4.40 0.45	35.07 -4.42 0.26	24.99 -2.70 0.00	23.26 -2.36 0.00
MOHAWK_PAPER___DRP 24187	18.95 0.37 0.00	17.85 0.38 0.00	17.73 0.39 0.00	17.14 0.39 0.00	19.36 0.41 0.00	21.16 0.44 0.00	24.53 0.55 0.00	32.46 0.81 0.00	23.12 0.47 0.00	20.00 0.36 0.00	24.31 0.49 0.00	23.09 0.48 0.00	23.37 0.50 0.00	25.53 0.61 0.00	26.66 0.71 0.00	26.16 0.79 0.00	29.83 1.06 0.00	36.30 1.56 0.00	39.19 1.48 0.00	32.51 1.05 0.00	44.59 1.25 0.00	40.73 0.98 0.00	28.31 0.61 0.00	26.14 0.52 0.00
MOHICAN___35_KV_115KV_LD 80490	19.51 0.93 0.00	18.36 0.89 0.00	18.31 0.96 0.00	17.71 0.97 0.00	20.11 1.15 0.00	22.06 1.35 0.00	25.76 1.78 0.00	34.07 2.42 0.00	24.24 1.59 0.00	20.93 1.29 0.00	25.42 1.60 0.00	24.10 1.49 0.00	24.40 1.53 0.00	26.68 1.76 0.00	27.95 1.99 0.00	27.40 2.04 0.00	31.35 2.58 0.00	38.21 3.47 0.00	41.20 3.50 0.00	34.11 2.66 0.00	46.60 3.26 0.00	42.40 2.65 0.00	29.43 1.73 0.00	27.15 1.53 0.00
MONGAUP___HYD 23641	18.98 0.39 0.00	17.83 0.36 0.00	17.67 0.33 0.00	17.05 0.30 0.00	19.28 0.32 0.00	21.15 0.44 0.00	24.60 0.62 0.00	32.68 1.04 0.00	23.25 0.60 0.00	19.97 0.33 0.00	24.39 0.57 0.00	23.26 0.65 0.00	23.45 0.58 0.00	25.55 0.63 0.00	26.57 0.61 0.00	26.24 0.87 0.00	30.09 1.32 0.00	36.70 1.96 0.00	39.58 1.88 0.00	32.99 1.53 0.00	44.91 1.56 0.00	41.18 1.43 0.00	28.53 0.83 0.00	26.34 0.72 0.00
MONTAUK___DIESEL 23721	20.40 1.81 0.00	19.18 1.71 0.00	19.00 1.66 0.00	18.36 1.62 0.00	20.66 1.71 0.00	22.69 1.98 0.00	26.23 2.25 0.00	34.99 3.35 0.00	24.51 1.86 0.00	21.06 1.42 0.00	25.86 2.03 0.00	24.60 1.99 0.00	24.66 1.78 0.00	26.82 1.90 0.00	28.15 2.19 0.00	27.84 2.47 0.00	32.05 3.28 0.00	39.12 4.39 0.00	41.90 4.19 0.00	34.98 3.52 0.00	50.57 4.41 -2.82	62.94 4.07 -19.12	30.39 2.69 0.00	29.10 2.58 -0.90
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.47 -1.11 0.00	16.31 -1.16 0.00	16.26 -1.09 0.00	15.62 -1.13 0.00	17.54 -1.42 0.00	19.22 -1.49 0.00	22.43 -1.56 0.00	29.63 -2.01 0.00	21.56 -1.09 0.00	18.75 -0.89 0.00	22.99 -0.83 0.00	21.62 -0.99 0.00	22.12 -0.75 0.00	24.16 -0.76 0.00	25.21 -0.74 0.00	24.41 -0.96 0.00	28.33 -0.44 0.00	34.39 -0.34 0.00	36.95 -0.76 0.00	30.90 -0.56 0.00	41.53 -1.82 0.00	37.60 -2.15 0.00	26.29 -1.41 0.00	24.48 -1.15 0.00
MORTIMER_115KV_TB3 55949	17.76 -0.82 0.00	16.62 -0.85 0.00	16.47 -0.87 0.00	15.90 -0.85 0.00	18.01 -0.94 0.00	19.65 -1.06 0.00	22.73 -1.25 0.00	30.11 -1.53 0.00	21.78 -0.87 0.00	18.99 -0.65 0.00	23.08 -0.74 0.00	21.78 -0.83 0.00	22.07 -0.81 0.00	24.08 -0.84 0.00	25.08 -0.87 0.00	24.43 -0.94 0.00	27.85 -0.92 0.00	33.70 -1.03 0.00	36.33 -1.37 0.00	30.30 -1.16 0.00	41.39 -1.95 0.00	37.65 -2.10 0.00	26.41 -1.29 0.00	24.50 -1.12 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.40 0.81 0.00	18.21 0.74 0.00	18.06 0.71 0.00	17.42 0.68 0.00	19.69 0.74 0.00	21.59 0.89 0.00	25.08 1.10 0.00	33.38 1.74 0.00	23.59 0.94 0.00	20.37 0.73 0.00	24.95 1.13 0.00	23.77 1.16 0.00	24.03 1.16 0.00	26.07 1.15 0.00	27.13 1.17 0.00	26.64 1.28 0.00	30.63 1.86 0.00	37.38 2.64 0.00	40.01 2.30 0.00	33.30 1.84 0.00	45.49 2.15 0.00	41.78 2.02 0.00	29.11 1.42 0.00	26.93 1.30 0.00

MUNSVILLE_WIND_PWR 323609	19.60 1.01 0.00	18.46 0.99 0.00	18.39 1.04 0.00	17.55 0.80 0.00	19.75 0.80 0.00	21.69 0.98 0.00	25.46 1.48 0.00	33.98 2.34 0.00	24.29 1.64 0.00	20.87 1.23 0.00	25.61 1.79 0.00	24.26 1.65 0.00	24.47 1.60 0.00	26.55 1.62 0.00	27.77 1.81 0.00	27.29 1.92 0.00	31.53 2.76 0.00	38.29 3.55 0.00	41.84 3.41 -0.72	34.53 2.97 -0.10	47.30 3.84 -0.11	43.35 3.54 -0.07	30.07 2.37 0.00	27.70 2.08 0.00
N SALMON___HYD 24042	18.77 0.18 0.00	17.74 0.27 0.00	17.69 0.35 0.00	17.16 0.42 0.00	19.49 0.53 0.00	21.34 0.63 0.00	24.76 0.78 0.00	32.41 0.77 0.00	23.14 0.50 0.00	19.95 0.30 0.00	23.95 0.13 0.00	22.78 0.17 0.00	23.05 0.18 0.00	25.13 0.20 0.00	26.28 0.32 0.00	25.63 0.26 0.00	28.62 -0.15 0.00	34.44 -0.30 0.00	37.92 0.22 0.00	31.98 0.52 0.00	44.48 1.14 0.00	40.98 1.23 0.00	28.48 0.78 0.00	26.13 0.50 0.00
N.AKRON___115KV_KNAPP 355671	17.50 -1.09 0.00	16.33 -1.14 0.00	16.18 -1.17 0.00	15.62 -1.13 0.00	17.67 -1.29 0.00	19.29 -1.42 0.00	22.30 -1.68 0.00	29.63 -2.01 0.00	21.54 -1.10 0.00	18.80 -0.84 0.00	22.81 -1.01 0.00	21.43 -1.18 0.00	21.75 -1.12 0.00	23.77 -1.16 0.00	24.77 -1.18 0.00	24.05 -1.32 0.00	27.49 -1.28 0.00	33.26 -1.48 0.00	35.80 -1.91 0.00	29.90 -1.56 0.00	40.71 -2.64 0.00	36.89 -2.86 0.00	26.00 -1.70 0.00	24.15 -1.47 0.00
N.BELMOR_69_KV_BK1 55787	19.72 1.13 0.00	18.52 1.05 0.00	18.35 1.01 0.00	17.71 0.97 0.00	19.97 1.01 0.00	21.91 1.20 0.00	25.44 1.45 0.00	33.92 2.27 0.00	23.91 1.26 0.00	20.64 1.00 0.00	25.35 1.52 0.00	24.13 1.52 0.00	24.27 1.39 0.00	26.39 1.47 0.00	27.60 1.64 0.00	27.16 1.80 0.00	31.21 2.44 0.00	38.11 3.38 0.00	40.86 3.15 0.00	34.06 2.61 0.00	49.33 3.17 -2.82	61.78 2.91 -19.12	29.65 1.96 0.00	28.32 1.80 -0.90
N.E_GEN_SANDY PD 24062	19.08 0.50 0.00	17.96 0.49 0.00	17.87 0.52 0.00	17.26 0.51 0.00	19.51 0.56 0.00	21.33 0.62 0.00	24.73 0.75 0.00	32.70 1.06 0.00	23.24 0.60 0.00	20.11 0.47 0.00	24.51 0.69 0.00	23.27 0.66 0.00	23.55 0.67 0.00	25.67 0.75 0.00	26.80 0.85 0.00	26.54 0.95 -0.22	28.41 1.30 1.66	42.93 1.97 -6.23	39.71 1.81 -0.19	32.77 1.31 0.00	44.90 1.56 0.00	41.19 1.23 -0.21	28.65 0.80 -0.16	26.14 0.69 0.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.31 0.72 0.00	18.14 0.67 0.00	17.99 0.64 0.00	17.36 0.61 0.00	19.62 0.67 0.00	21.54 0.83 0.00	25.02 1.04 0.00	33.26 1.62 0.00	23.55 0.90 0.00	20.34 0.70 0.00	24.89 1.07 0.00	23.70 1.09 0.00	23.95 1.08 0.00	26.01 1.09 0.00	27.06 1.10 0.00	26.57 1.20 0.00	30.57 1.80 0.00	37.30 2.57 0.00	39.97 2.26 0.00	33.24 1.78 0.00	45.44 2.10 0.00	41.64 1.89 0.00	28.98 1.28 0.00	26.77 1.14 0.00
N.QUEENS_27_KV_LOAD 356247	19.49 0.90 0.00	18.31 0.83 0.00	18.14 0.79 0.00	17.51 0.76 0.00	19.78 0.83 0.00	21.70 0.99 0.00	25.18 1.20 0.00	33.52 1.87 0.00	23.69 1.05 0.00	20.48 0.83 0.00	25.16 1.34 0.00	23.93 1.32 0.00	24.17 1.30 0.00	26.20 1.27 0.00	27.21 1.25 0.00	26.72 1.35 0.00	30.73 1.96 0.00	37.51 2.77 0.00	40.11 2.40 0.00	33.42 1.97 0.00	45.63 2.29 0.00	41.91 2.16 0.00	29.21 1.51 0.00	27.01 1.38 0.00
N.TROY___115KV_TB1 355778	19.03 0.44 0.00	17.93 0.45 0.00	17.82 0.48 0.00	17.22 0.48 0.00	19.49 0.54 0.00	21.30 0.58 0.00	24.71 0.73 0.00	32.66 1.02 0.00	23.25 0.60 0.00	20.12 0.47 0.00	24.42 0.60 0.00	23.19 0.58 0.00	23.47 0.60 0.00	25.64 0.72 0.00	26.80 0.84 0.00	26.30 0.94 0.00	29.98 1.21 0.00	36.53 1.79 0.00	39.42 1.71 0.00	32.68 1.23 0.00	44.87 1.53 0.00	40.94 1.19 0.00	28.44 0.75 0.00	26.28 0.66 0.00
NARROWS_GT1_1 24228	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
NARROWS_GT1_2 24229	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
NARROWS_GT1_3 24230	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
NARROWS_GT1_4 24231	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
NARROWS_GT1_5 24232	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
NARROWS_GT1_6 24233	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
NARROWS_GT1_7 24234	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00

NARROWS_GT1_8 24235	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
NARROWS_GT2_1 24236	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.26 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
NARROWS_GT2_2 24237	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.26 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
NARROWS_GT2_3 24238	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.26 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
NARROWS_GT2_4 24239	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.26 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
NARROWS_GT2_5 24240	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.26 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
NARROWS_GT2_6 24241	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.26 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
NARROWS_GT2_7 24242	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.26 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
NARROWS_GT2_8 24243	19.50 0.91 0.00	18.31 0.84 0.00	18.15 0.81 0.00	17.50 0.75 0.00	19.78 0.83 0.00	21.72 1.01 0.00	25.23 1.25 0.00	33.60 1.96 0.00	23.70 1.05 0.00	20.48 0.83 0.00	25.08 1.26 0.00	23.91 1.30 0.00	24.18 1.31 0.00	26.22 1.30 0.00	27.26 1.30 0.00	26.76 1.39 0.00	30.79 2.02 0.00	37.57 2.84 0.00	40.16 2.46 0.00	33.47 2.02 0.00	45.69 2.35 0.00	41.95 2.20 0.00	29.24 1.54 0.00	27.02 1.40 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.20 0.61 0.00	18.08 0.61 0.00	17.96 0.62 0.00	17.36 0.61 0.00	19.61 0.66 0.00	21.45 0.74 0.00	24.94 0.96 0.00	33.01 1.37 0.00	23.55 0.90 0.00	20.30 0.66 0.00	24.61 0.78 0.00	23.36 0.75 0.00	23.71 0.84 0.00	25.94 1.02 0.00	27.17 1.22 0.00	26.71 1.34 0.00	30.50 1.73 0.00	37.09 2.36 0.00	40.13 2.42 0.00	33.26 1.81 0.00	45.64 2.30 0.00	41.59 1.84 0.00	28.85 1.16 0.00	26.59 0.97 0.00
NCHELSEA_115KV_TR2 355582	19.43 0.85 0.00	18.26 0.79 0.00	18.11 0.77 0.00	17.49 0.74 0.00	19.77 0.82 0.00	21.69 0.98 0.00	25.20 1.22 0.00	33.49 1.85 0.00	23.76 1.12 0.00	20.58 0.94 0.00	25.17 1.35 0.00	23.95 1.34 0.00	24.21 1.34 0.00	26.29 1.37 0.00	27.31 1.36 0.00	26.82 1.45 0.00	30.82 2.06 0.00	37.59 2.86 0.00	40.37 2.66 0.00	33.56 2.10 0.00	45.86 2.52 0.00	41.98 2.23 0.00	29.18 1.48 0.00	26.95 1.33 0.00
NEG CAPITAL___MECHNVIL 23645	19.33 0.74 0.00	18.19 0.71 0.00	18.09 0.74 0.00	17.47 0.73 0.00	19.80 0.85 0.00	21.67 0.95 0.00	25.20 1.22 0.00	33.34 1.70 0.00	23.75 1.10 0.00	20.53 0.89 0.00	24.93 1.10 0.00	23.65 1.04 0.00	23.97 1.10 0.00	26.21 1.29 0.00	27.37 1.41 0.00	26.84 1.47 0.00	30.66 1.89 0.00	37.34 2.61 0.00	40.30 2.59 0.00	33.42 1.97 0.00	45.81 2.47 0.00	41.75 1.99 0.00	28.98 1.29 0.00	26.75 1.13 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.57 -1.01 0.00	16.47 -1.00 0.00	16.31 -1.04 0.00	15.76 -0.98 0.00	17.85 -1.10 0.00	19.51 -1.21 0.00	22.58 -1.40 0.00	29.90 -1.74 0.00	21.60 -1.05 0.00	18.82 -0.83 0.00	22.86 -0.96 0.00	21.60 -1.02 0.00	21.87 -1.00 0.00	23.86 -1.07 0.00	24.83 -1.13 0.00	24.21 -1.16 0.00	27.59 -1.17 0.00	33.41 -1.33 0.00	35.01 -1.66 1.05	29.91 -1.41 0.14	40.89 -2.29 0.16	37.30 -2.36 0.09	26.17 -1.53 0.00	24.27 -1.36 0.00
NEG CENTRAL___DRP 24199	18.21 -0.38 0.00	17.06 -0.41 0.00	16.93 -0.41 0.00	16.35 -0.40 0.00	18.52 -0.43 0.00	20.26 -0.45 0.00	23.51 -0.48 0.00	31.12 -0.53 0.00	22.35 -0.30 0.00	19.42 -0.22 0.00	23.67 -0.15 0.00	22.41 -0.20 0.00	22.68 -0.19 0.00	24.72 -0.21 0.00	25.69 -0.26 0.00	25.10 -0.27 0.00	28.63 -0.14 0.00	34.81 0.08 0.00	37.54 -0.17 0.00	31.29 -0.17 0.00	42.74 -0.60 0.00	39.02 -0.73 0.00	27.26 -0.44 0.00	25.25 -0.37 0.00
NEG CENTRAL___INDECK 23768	17.93 -0.65 0.00	16.80 -0.67 0.00	16.58 -0.76 0.00	16.06 -0.69 0.00	18.21 -0.74 0.00	19.94 -0.78 0.00	23.15 -0.83 0.00	30.90 -0.75 -0.01	22.30 -0.35 0.00	19.40 -0.25 0.00	23.57 -0.25 0.00	22.18 -0.43 0.00	22.45 -0.42 0.00	24.52 -0.40 0.00	25.54 -0.42 0.00	24.95 -0.42 0.00	28.68 -0.09 0.00	35.05 0.32 0.00	37.77 0.06 0.00	31.46 0.00 0.00	42.84 -0.50 0.00	38.93 -0.82 0.00	27.21 -0.49 0.00	25.10 -0.52 0.00



NEG CENTRAL___SENECA 23627	18.17 -0.42 0.00	16.99 -0.48 0.00	16.85 -0.49 0.00	16.27 -0.47 0.00	18.46 -0.49 0.00	20.19 -0.52 0.00	23.44 -0.54 0.00	31.09 -0.55 0.00	22.35 -0.29 0.00	19.41 -0.24 0.00	23.70 -0.13 0.00	22.40 -0.21 0.00	22.69 -0.18 0.00	24.74 -0.18 0.00	25.72 -0.23 0.00	25.10 -0.27 0.00	28.64 -0.13 0.00	34.89 0.15 0.00	37.57 -0.14 0.00	31.33 -0.12 0.00	42.76 -0.58 0.00	39.00 -0.74 0.00	27.27 -0.43 0.00	25.26 -0.37 0.00
NEG CENTRAL___STATE_STREET 24147	18.41 -0.18 0.00	17.28 -0.19 0.00	17.19 -0.16 0.00	16.61 -0.13 0.00	18.74 -0.21 0.00	20.54 -0.17 0.00	23.80 -0.18 0.00	31.48 -0.16 0.00	22.53 -0.12 0.00	19.65 0.00 0.00	23.93 0.11 0.00	22.69 0.08 0.00	22.93 0.06 0.00	24.97 0.05 0.00	25.97 0.01 0.00	25.38 0.01 0.00	28.93 0.16 0.00	35.11 0.37 0.00	37.88 0.17 0.00	31.60 0.14 0.00	43.08 -0.26 0.00	39.44 -0.31 0.00	27.54 -0.16 0.00	25.51 -0.12 0.00
NEG MILLWOOD___DRP 24198	19.50 0.91 0.00	18.32 0.85 0.00	18.17 0.83 0.00	17.54 0.79 0.00	19.83 0.88 0.00	21.77 1.06 0.00	25.30 1.32 0.00	33.65 2.00 0.00	23.84 1.19 0.00	20.62 0.98 0.00	25.22 1.39 0.00	23.98 1.38 0.00	24.27 1.39 0.00	26.35 1.43 0.00	27.41 1.46 0.00	26.93 1.56 0.00	30.96 2.19 0.00	37.78 3.05 0.00	40.56 2.85 0.00	33.72 2.26 0.00	46.06 2.72 0.00	42.17 2.42 0.00	29.31 1.61 0.00	27.07 1.45 0.00
NEG NORTH_FLCN_SEA 23793	18.77 0.18 0.00	17.78 0.31 0.00	17.78 0.44 0.00	17.25 0.50 0.00	19.60 0.65 0.00	21.50 0.79 0.00	25.00 1.02 0.00	32.70 1.05 0.00	23.17 0.52 0.00	19.87 0.22 0.00	23.86 0.03 0.00	22.68 0.07 0.00	22.98 0.11 0.00	25.09 0.17 0.00	26.35 0.40 0.00	25.74 0.37 0.00	28.74 -0.03 0.00	34.68 -0.05 0.00	38.00 0.29 0.00	32.05 0.59 0.00	44.63 1.29 0.00	41.16 1.41 0.00	28.44 0.75 0.00	25.94 0.31 0.00
NEG NORTH_KES_CHATEGAY 23792	18.63 0.04 0.00	17.63 0.16 0.00	17.61 0.26 0.00	17.09 0.34 0.00	19.41 0.45 0.00	21.26 0.55 0.00	24.69 0.71 0.00	32.27 0.63 0.00	22.96 0.32 0.00	19.74 0.09 0.00	23.68 -0.14 0.00	22.51 -0.10 0.00	22.82 -0.05 0.00	24.86 -0.06 0.00	26.06 0.10 0.00	25.44 0.07 0.00	28.36 -0.41 0.00	34.17 -0.57 0.00	37.62 -0.09 0.00	31.73 0.28 0.00	44.17 0.82 0.00	40.75 0.99 0.00	28.29 0.59 0.00	25.93 0.31 0.00
NEG NORTH___ALICE_FALLS 23915	18.79 0.20 0.00	17.79 0.32 0.00	17.78 0.44 0.00	17.26 0.51 0.00	19.60 0.65 0.00	21.52 0.81 0.00	25.03 1.05 0.00	32.83 1.18 0.00	23.29 0.65 0.00	19.98 0.34 0.00	23.91 0.09 0.00	22.73 0.12 0.00	23.04 0.17 0.00	25.15 0.22 0.00	26.40 0.45 0.00	25.80 0.43 0.00	28.82 0.05 0.00	34.80 0.06 0.00	38.19 0.48 0.00	32.20 0.75 0.00	44.82 1.48 0.00	41.31 1.56 0.00	28.59 0.89 0.00	26.11 0.49 0.00
NEG NORTH___LWR_SARANAC 23913	18.79 0.20 0.00	17.79 0.32 0.00	17.78 0.44 0.00	17.26 0.51 0.00	19.60 0.65 0.00	21.52 0.81 0.00	25.03 1.05 0.00	32.83 1.18 0.00	23.29 0.65 0.00	19.98 0.34 0.00	23.91 0.09 0.00	22.73 0.12 0.00	23.04 0.17 0.00	25.15 0.22 0.00	26.40 0.45 0.00	25.80 0.43 0.00	28.82 0.05 0.00	34.80 0.06 0.00	38.19 0.48 0.00	32.20 0.75 0.00	44.82 1.48 0.00	41.31 1.56 0.00	28.59 0.89 0.00	26.11 0.49 0.00
NEG NORTH___PLATTSBURG 23628	18.79 0.20 0.00	17.79 0.32 0.00	17.78 0.44 0.00	17.26 0.51 0.00	19.60 0.65 0.00	21.52 0.81 0.00	25.03 1.05 0.00	32.82 1.18 0.00	23.29 0.65 0.00	19.98 0.34 0.00	23.91 0.09 0.00	22.73 0.12 0.00	23.04 0.17 0.00	25.15 0.22 0.00	26.40 0.45 0.00	25.80 0.43 0.00	28.82 0.05 0.00	34.80 0.06 0.00	38.18 0.48 0.00	32.20 0.75 0.00	44.82 1.47 0.00	41.31 1.56 0.00	28.59 0.89 0.00	26.11 0.49 0.00
NEG WEST_LEA_LOCKPORT 23791	17.09 -1.49 0.00	15.95 -1.52 0.00	15.79 -1.55 0.00	15.25 -1.50 0.00	17.23 -1.72 0.00	18.78 -1.93 0.00	21.65 -2.33 0.00	28.72 -2.93 0.00	20.90 -1.74 0.00	18.25 -1.39 0.00	22.14 -1.68 0.00	20.80 -1.81 0.00	21.13 -1.75 0.00	23.10 -1.82 0.00	24.09 -1.87 0.00	23.38 -1.99 0.00	26.69 -2.08 0.00	32.25 -2.48 0.00	34.70 -3.01 0.00	28.99 -2.46 0.00	39.47 -3.87 0.00	35.81 -3.94 0.00	25.31 -2.39 0.00	23.54 -2.09 0.00
NEG WEST___LANCASTR 23811	18.02 -0.57 0.00	16.86 -0.61 0.00	16.68 -0.66 0.00	16.09 -0.66 0.00	18.22 -0.73 0.00	19.82 -0.89 0.00	22.82 -1.16 0.00	30.28 -1.36 0.00	21.89 -0.76 0.00	19.10 -0.54 0.00	23.36 -0.46 0.00	22.01 -0.59 0.00	22.40 -0.48 0.00	24.46 -0.46 0.00	25.48 -0.47 0.00	24.74 -0.63 0.00	28.28 -0.49 0.00	34.01 -0.72 0.00	36.51 -1.20 0.00	30.52 -0.93 0.00	41.59 -1.76 0.00	37.74 -2.01 0.00	26.65 -1.05 0.00	24.78 -0.85 0.00
NEG_PENN_ALLEGHNY 23528	18.41 -0.18 0.00	17.29 -0.18 0.00	17.13 -0.21 0.00	16.53 -0.22 0.00	18.72 -0.23 0.00	20.44 -0.27 0.00	23.69 -0.29 0.00	31.55 -0.09 0.00	22.55 -0.10 0.00	19.54 -0.10 0.00	23.88 0.05 0.00	22.61 0.00 0.00	22.84 -0.03 0.00	24.88 -0.04 0.00	25.87 -0.09 0.00	25.28 -0.09 0.00	28.93 0.16 0.00	35.14 0.41 0.00	38.50 0.10 -0.69	31.64 0.09 -0.09	43.22 -0.23 -0.11	39.50 -0.32 -0.06	27.50 -0.19 0.00	25.47 -0.16 0.00
NEG___GEN_MONROE 24207	17.85 -0.74 0.00	16.69 -0.78 0.00	16.53 -0.81 0.00	15.96 -0.79 0.00	18.08 -0.87 0.00	19.74 -0.97 0.00	22.86 -1.13 0.00	30.30 -1.34 0.00	21.94 -0.71 0.00	19.12 -0.52 0.00	23.24 -0.58 0.00	21.92 -0.69 0.00	22.21 -0.67 0.00	24.24 -0.68 0.00	25.24 -0.72 0.00	24.58 -0.79 0.00	28.04 -0.73 0.00	33.95 -0.79 0.00	36.60 -1.11 0.00	30.51 -0.94 0.00	41.65 -1.69 0.00	37.85 -1.90 0.00	26.55 -1.14 0.00	24.63 -1.00 0.00
NEPA___ENERGY 23901	17.49 -1.10 0.00	16.41 -1.06 0.00	16.23 -1.12 0.00	15.62 -1.13 0.00	17.69 -1.27 0.00	19.25 -1.46 0.00	22.27 -1.71 0.00	29.63 -2.01 0.00	21.29 -1.36 0.00	18.50 -1.15 0.00	22.78 -1.04 0.00	21.45 -1.16 0.00	21.83 -1.04 0.00	23.87 -1.06 0.00	24.75 -1.21 0.00	24.01 -1.36 0.00	27.66 -1.11 0.00	33.60 -1.13 0.00	35.95 -1.76 0.00	30.09 -1.36 0.00	40.78 -2.56 0.00	37.08 -2.68 0.00	26.06 -1.64 0.00	24.23 -1.40 0.00
NEVERSINK___HYD 23608	19.61 1.02 0.00	18.41 0.94 0.00	18.26 0.92 0.00	17.62 0.87 0.00	19.94 0.99 0.00	21.90 1.19 0.00	25.47 1.49 0.00	33.86 2.21 0.00	24.07 1.42 0.00	20.87 1.23 0.00	25.48 1.66 0.00	24.22 1.61 0.00	24.48 1.60 0.00	26.54 1.62 0.00	27.52 1.56 0.00	27.04 1.67 0.00	31.14 2.37 0.00	37.96 3.23 0.00	40.80 3.09 0.00	33.94 2.48 0.00	46.41 3.07 0.00	42.45 2.70 0.00	29.50 1.81 0.00	27.24 1.62 0.00
NEWKRMKL_115KV_TB1 55635	18.78 0.19 0.00	17.70 0.23 0.00	17.57 0.22 0.00	16.98 0.23 0.00	19.16 0.21 0.00	20.94 0.22 0.00	24.27 0.29 0.00	32.11 0.47 0.00	22.86 0.22 0.00	19.79 0.15 0.00	24.07 0.25 0.00	22.87 0.26 0.00	23.15 0.27 0.00	25.26 0.34 0.00	26.38 0.43 0.00	25.88 0.51 0.00	29.51 0.74 0.00	35.88 1.14 0.00	38.73 1.02 0.00	32.14 0.68 0.00	44.09 0.75 0.00	40.27 0.52 0.00	28.00 0.31 0.00	25.86 0.24 0.00

NEWTON___FALLS_HYD 23847	18.26 -0.33 0.00	17.11 -0.36 0.00	17.08 -0.27 0.00	16.43 -0.32 0.00	18.77 -0.19 0.00	20.29 -0.42 0.00	23.57 -0.41 0.00	31.08 -0.56 0.00	22.38 -0.27 0.00	19.43 -0.21 0.00	23.51 -0.32 0.00	22.38 -0.23 0.00	22.47 -0.41 0.00	24.53 -0.39 0.00	25.57 -0.39 0.00	24.79 -0.58 0.00	27.96 -0.81 0.00	33.60 -1.14 0.00	36.51 -1.20 0.00	30.78 -0.67 0.00	42.85 -0.49 0.00	39.53 -0.23 0.00	27.50 -0.20 0.00	25.35 -0.27 0.00
NGRID_A1_DSASP 323792	16.81 -1.78 0.00	15.70 -1.77 0.00	15.50 -1.85 0.00	15.01 -1.74 0.00	16.94 -2.01 0.00	18.44 -2.27 0.00	21.22 -2.77 0.00	28.00 -3.64 0.00	20.33 -2.32 0.00	17.76 -1.88 0.00	21.54 -2.28 0.00	20.24 -2.37 0.00	20.56 -2.32 0.00	22.48 -2.44 0.00	23.45 -2.50 0.00	22.77 -2.60 0.00	25.95 -2.82 0.00	31.29 -3.45 0.00	30.75 -3.96 3.00	27.77 -3.28 0.40	37.89 -4.99 0.47	34.55 -4.93 0.27	24.67 -3.03 0.00	23.07 -2.56 0.00
NGRID_A2_DSASP 323793	16.81 -1.78 0.00	15.70 -1.77 0.00	15.50 -1.85 0.00	15.01 -1.74 0.00	16.94 -2.01 0.00	18.44 -2.27 0.00	21.22 -2.77 0.00	28.00 -3.64 0.00	20.33 -2.32 0.00	17.76 -1.88 0.00	21.54 -2.28 0.00	20.24 -2.37 0.00	20.56 -2.32 0.00	22.48 -2.44 0.00	23.45 -2.50 0.00	22.77 -2.60 0.00	25.95 -2.82 0.00	31.29 -3.45 0.00	30.75 -3.96 3.00	27.77 -3.28 0.40	37.89 -4.99 0.47	34.55 -4.93 0.27	24.67 -3.03 0.00	23.07 -2.56 0.00
NGRID_A4_DSASP 323807	16.81 -1.78 0.00	15.70 -1.77 0.00	15.50 -1.85 0.00	15.01 -1.74 0.00	16.94 -2.01 0.00	18.44 -2.27 0.00	21.22 -2.77 0.00	28.00 -3.64 0.00	20.33 -2.32 0.00	17.76 -1.88 0.00	21.54 -2.28 0.00	20.24 -2.37 0.00	20.56 -2.32 0.00	22.48 -2.44 0.00	23.45 -2.50 0.00	22.77 -2.60 0.00	25.95 -2.82 0.00	31.29 -3.45 0.00	30.75 -3.96 3.00	27.77 -3.28 0.40	37.89 -4.99 0.47	34.55 -4.93 0.27	24.67 -3.03 0.00	23.07 -2.56 0.00
NIAGARA_115E_LBMP 323715	16.77 -1.81 0.00	15.65 -1.82 0.00	15.46 -1.88 0.00	14.98 -1.77 0.00	16.90 -2.05 0.00	18.42 -2.29 0.00	21.21 -2.77 0.00	28.11 -3.53 0.00	20.52 -2.13 0.00	17.91 -1.73 0.00	21.68 -2.14 0.00	20.35 -2.26 0.00	20.67 -2.21 0.00	22.59 -2.33 0.00	23.57 -2.38 0.00	22.88 -2.48 0.00	26.11 -2.66 0.00	31.50 -3.24 0.00	30.94 -3.81 2.95	27.95 -3.11 0.39	38.14 -4.74 0.46	34.76 -4.72 0.27	24.80 -2.90 0.00	23.09 -2.54 0.00
NIAGARA_115W_LBMP 323714	16.77 -1.81 0.00	15.66 -1.81 0.00	15.46 -1.88 0.00	14.98 -1.77 0.00	16.91 -2.05 0.00	18.40 -2.31 0.00	21.17 -2.81 0.00	27.94 -3.70 0.00	20.27 -2.38 0.00	17.72 -1.93 0.00	21.48 -2.34 0.00	20.19 -2.42 0.00	20.50 -2.37 0.00	22.41 -2.51 0.00	23.39 -2.57 0.00	22.71 -2.66 0.00	25.87 -2.90 0.00	31.19 -3.54 0.00	30.65 -4.06 3.00	27.68 -3.37 0.40	37.78 -5.09 0.47	34.45 -5.03 0.27	24.61 -3.09 0.00	23.01 -2.61 0.00
NIAGARA_230_LBMP 323716	16.94 -1.64 0.00	15.84 -1.63 0.00	15.63 -1.71 0.00	15.13 -1.62 0.00	17.09 -1.86 0.00	18.58 -2.13 0.00	21.39 -2.59 0.00	28.33 -3.31 0.00	20.59 -2.05 0.00	17.99 -1.65 0.00	21.85 -1.98 0.00	20.53 -2.08 0.00	20.84 -2.03 0.00	22.79 -2.13 0.00	23.79 -2.17 0.00	23.09 -2.28 0.00	26.31 -2.47 0.00	31.72 -3.02 0.00	31.19 -3.55 2.97	28.15 -2.91 0.40	38.44 -4.44 0.46	35.04 -4.44 0.27	24.98 -2.71 0.00	23.28 -2.34 0.00
NIAGARA___115KV_198_GIBSON 55903	16.77 -1.81 0.00	15.65 -1.82 0.00	15.49 -1.85 0.00	14.96 -1.78 0.00	16.90 -2.05 0.00	18.40 -2.31 0.00	21.17 -2.81 0.00	27.94 -3.70 0.00	20.27 -2.37 0.00	17.72 -1.93 0.00	21.48 -2.35 0.00	20.19 -2.42 0.00	20.50 -2.38 0.00	22.41 -2.51 0.00	23.39 -2.56 0.00	22.70 -2.67 0.00	25.87 -2.90 0.00	31.19 -3.54 0.00	33.65 -4.06 0.00	28.09 -3.37 0.00	38.25 -5.10 0.00	34.72 -5.03 0.00	24.60 -3.10 0.00	23.01 -2.61 0.00
NIAGARA____ 23760	16.94 -1.64 0.00	15.84 -1.63 0.00	15.63 -1.71 0.00	15.13 -1.62 0.00	17.09 -1.86 0.00	18.58 -2.13 0.00	21.39 -2.59 0.00	28.33 -3.31 0.00	20.59 -2.05 0.00	17.99 -1.65 0.00	21.85 -1.98 0.00	20.53 -2.08 0.00	20.84 -2.03 0.00	22.79 -2.13 0.00	23.79 -2.17 0.00	23.09 -2.28 0.00	26.31 -2.47 0.00	31.72 -3.02 0.00	31.19 -3.55 2.97	28.15 -2.91 0.40	38.44 -4.44 0.46	35.04 -4.44 0.27	24.98 -2.71 0.00	23.28 -2.34 0.00
NINE_MILE_1 23575	17.96 -0.63 0.00	16.86 -0.61 0.00	16.74 -0.61 0.00	16.16 -0.59 0.00	18.29 -0.66 0.00	19.97 -0.74 0.00	23.05 -0.93 0.00	30.34 -1.30 0.00	21.79 -0.86 0.00	18.94 -0.70 0.00	22.97 -0.86 0.00	21.80 -0.81 0.00	22.04 -0.83 0.00	24.01 -0.91 0.00	24.95 -1.01 0.00	24.40 -0.97 0.00	27.77 -1.00 0.00	33.58 -1.15 0.00	36.33 -1.38 0.00	30.29 -1.17 0.00	41.59 -1.76 0.00	38.06 -1.69 0.00	26.54 -1.15 0.00	24.64 -0.98 0.00
NINE_MILE_2 23744	17.96 -0.63 0.00	16.86 -0.61 0.00	16.74 -0.60 0.00	16.16 -0.59 0.00	18.29 -0.66 0.00	19.97 -0.74 0.00	23.05 -0.93 0.00	30.34 -1.30 0.00	21.79 -0.85 0.00	18.94 -0.70 0.00	22.97 -0.85 0.00	21.80 -0.81 0.00	22.04 -0.83 0.00	24.01 -0.91 0.00	24.95 -1.01 0.00	24.40 -0.97 0.00	27.77 -1.00 0.00	33.58 -1.15 0.00	36.33 -1.38 0.00	30.30 -1.16 0.00	41.59 -1.76 0.00	38.06 -1.69 0.00	26.55 -1.15 0.00	24.64 -0.98 0.00
NM_CAPITAL___DRP 24208	18.81 0.23 0.00	17.73 0.26 0.00	17.60 0.26 0.00	17.01 0.26 0.00	19.21 0.26 0.00	20.99 0.28 0.00	24.31 0.33 0.00	32.17 0.52 0.00	22.90 0.26 0.00	19.83 0.18 0.00	24.10 0.28 0.00	22.90 0.29 0.00	23.18 0.31 0.00	25.30 0.38 0.00	26.42 0.47 0.00	25.92 0.55 0.00	29.56 0.78 0.00	35.96 1.22 0.00	38.80 1.09 0.00	32.19 0.74 0.00	44.17 0.82 0.00	40.34 0.59 0.00	28.05 0.36 0.00	25.91 0.29 0.00
NM_CENTRAL___DRP 24181	18.25 -0.33 0.00	17.14 -0.34 0.00	17.01 -0.34 0.00	16.42 -0.33 0.00	18.59 -0.36 0.00	20.31 -0.40 0.00	23.46 -0.52 0.00	30.91 -0.73 0.00	22.19 -0.45 0.00	19.28 -0.36 0.00	23.43 -0.39 0.00	22.23 -0.38 0.00	22.48 -0.39 0.00	24.49 -0.43 0.00	25.46 -0.50 0.00	24.90 -0.46 0.00	28.39 -0.38 0.00	34.38 -0.35 0.00	37.14 -0.57 0.00	30.94 -0.51 0.00	42.41 -0.93 0.00	38.77 -0.98 0.00	27.03 -0.67 0.00	25.05 -0.57 0.00
NM_FRONTIER___DRP 24179	16.77 -1.81 0.00	15.65 -1.82 0.00	15.49 -1.85 0.00	14.96 -1.78 0.00	16.90 -2.05 0.00	18.40 -2.31 0.00	21.17 -2.81 0.00	27.94 -3.70 0.00	20.27 -2.37 0.00	17.72 -1.93 0.00	21.48 -2.35 0.00	20.19 -2.42 0.00	20.50 -2.38 0.00	22.41 -2.51 0.00	23.39 -2.56 0.00	22.70 -2.67 0.00	25.87 -2.90 0.00	31.19 -3.54 0.00	33.65 -4.06 0.00	28.09 -3.37 0.00	38.25 -5.10 0.00	34.72 -5.03 0.00	24.60 -3.10 0.00	23.01 -2.61 0.00
NM_ST_REGIS___HYD 24053	18.66 0.07 0.00	17.57 0.10 0.00	17.49 0.15 0.00	16.91 0.17 0.00	19.21 0.25 0.00	20.93 0.22 0.00	24.25 0.27 0.00	31.76 0.12 0.00	22.79 0.14 0.00	19.75 0.11 0.00	23.76 -0.07 0.00	22.61 0.00 0.00	22.77 -0.11 0.00	24.83 -0.09 0.00	25.93 -0.03 0.00	25.14 -0.23 0.00	28.09 -0.68 0.00	33.67 -1.07 0.00	37.06 -0.65 0.00	31.25 -0.21 0.00	43.48 0.14 0.00	40.09 0.33 0.00	27.96 0.27 0.00	25.73 0.11 0.00

NORTHPORT___1 23551	19.80 1.22 0.00	18.64 1.17 0.00	18.49 1.15 0.00	17.83 1.09 0.00	20.05 1.09 0.00	21.95 1.24 0.00	25.42 1.44 0.00	33.86 2.22 0.00	23.80 1.15 0.00	20.59 0.95 0.00	25.42 1.60 0.00	24.21 1.60 0.00	24.21 1.33 0.00	26.31 1.39 0.00	27.60 1.65 0.00	27.18 1.82 0.00	31.07 2.30 0.00	37.84 3.11 0.00	40.53 2.82 0.00	33.87 2.41 0.00	49.12 2.96 -2.82	61.66 2.79 -19.12	29.54 1.84 0.00	28.31 1.79 -0.90
NORTHPORT___2 23552	19.80 1.22 0.00	18.64 1.17 0.00	18.49 1.15 0.00	17.83 1.09 0.00	20.05 1.09 0.00	21.95 1.24 0.00	25.42 1.44 0.00	33.86 2.22 0.00	23.80 1.15 0.00	20.59 0.95 0.00	25.42 1.60 0.00	24.21 1.60 0.00	24.21 1.33 0.00	26.31 1.39 0.00	27.60 1.65 0.00	27.18 1.82 0.00	31.07 2.30 0.00	37.84 3.11 0.00	40.53 2.82 0.00	33.87 2.41 0.00	49.12 2.96 -2.82	61.66 2.79 -19.12	29.54 1.84 0.00	28.31 1.79 -0.90
NORTHPORT___3 23553	19.73 1.14 0.00	18.53 1.06 0.00	18.37 1.03 0.00	17.72 0.98 0.00	19.92 0.97 0.00	21.77 1.06 0.00	25.18 1.20 0.00	33.58 1.94 0.00	23.61 0.97 0.00	20.50 0.86 0.00	25.28 1.46 0.00	24.06 1.46 0.00	24.10 1.23 0.00	26.19 1.27 0.00	27.45 1.50 0.00	26.93 1.57 0.00	30.77 2.00 0.00	37.53 2.80 0.00	40.21 2.50 0.00	33.54 2.08 0.00	48.66 2.50 -2.82	61.21 2.33 -19.12	29.31 1.61 0.00	28.09 1.57 -0.90
NORTHPORT___4 23650	19.73 1.14 0.00	18.53 1.06 0.00	18.37 1.03 0.00	17.72 0.98 0.00	19.92 0.97 0.00	21.77 1.06 0.00	25.18 1.20 0.00	33.58 1.94 0.00	23.61 0.97 0.00	20.50 0.86 0.00	25.28 1.46 0.00	24.06 1.46 0.00	24.10 1.23 0.00	26.19 1.27 0.00	27.45 1.50 0.00	26.93 1.57 0.00	30.77 2.00 0.00	37.53 2.80 0.00	40.21 2.50 0.00	33.54 2.08 0.00	48.66 2.50 -2.82	61.21 2.33 -19.12	29.31 1.61 0.00	28.09 1.57 -0.90
NORTHPORT___IC 23718	19.80 1.22 0.00	18.64 1.17 0.00	18.49 1.15 0.00	17.83 1.09 0.00	20.05 1.09 0.00	21.95 1.24 0.00	25.42 1.44 0.00	33.86 2.22 0.00	23.80 1.15 0.00	20.59 0.95 0.00	25.42 1.60 0.00	24.21 1.60 0.00	24.21 1.33 0.00	26.31 1.39 0.00	27.60 1.65 0.00	27.18 1.82 0.00	31.07 2.30 0.00	37.84 3.11 0.00	40.53 2.82 0.00	33.87 2.41 0.00	49.12 2.96 -2.82	61.66 2.79 -19.12	29.54 1.84 0.00	28.31 1.79 -0.90
NORTH___COUNTRY_ESR 323785	18.54 -0.04 0.00	17.55 0.08 0.00	17.54 0.20 0.00	17.03 0.29 0.00	19.34 0.39 0.00	21.18 0.47 0.00	24.58 0.60 0.00	32.11 0.47 0.00	22.86 0.21 0.00	19.65 0.01 0.00	23.56 -0.26 0.00	22.42 -0.19 0.00	22.72 -0.15 0.00	24.76 -0.16 0.00	25.94 -0.02 0.00	25.31 -0.05 0.00	28.22 -0.54 0.00	33.98 -0.75 0.00	37.42 -0.29 0.00	31.56 0.11 0.00	43.96 0.61 0.00	40.55 0.80 0.00	28.17 0.47 0.00	25.83 0.20 0.00
NPX_GEN_1385_PROXY 323591	19.53 0.94 0.00	18.52 1.05 0.00	18.45 1.11 0.00	17.76 1.01 0.00	19.78 0.83 0.00	21.62 0.91 0.00	25.14 1.16 0.00	33.44 1.79 0.00	23.37 0.73 0.00	20.56 0.71 -0.20	25.32 1.50 0.00	24.13 1.52 0.00	23.58 0.71 0.00	25.60 0.68 0.00	27.02 1.06 0.00	27.68 1.52 -0.79	30.39 1.69 0.07	37.04 2.30 0.00	39.50 1.80 0.00	33.20 1.75 0.00	48.50 2.34 -2.82	61.30 2.42 -19.12	29.19 1.49 0.00	28.13 1.61 -0.90
NPX_GEN_CSC 323557	19.94 1.35 0.00	18.76 1.29 0.00	18.58 1.23 0.00	17.94 1.20 0.00	20.17 1.22 0.00	22.13 1.41 0.00	25.48 1.50 0.00	34.03 2.39 0.00	23.85 1.20 0.00	20.73 0.88 -0.20	25.24 1.42 0.00	24.03 1.42 0.00	24.07 1.20 0.00	26.17 1.25 0.00	27.47 1.52 0.00	27.86 1.70 -0.79	30.99 2.29 0.07	37.90 3.17 0.00	40.60 2.89 0.00	33.92 2.46 0.00	49.15 2.99 -2.82	61.66 2.78 -19.12	29.54 1.85 0.00	28.36 1.84 -0.90
NSINS_S_GLNS_FALLS 23858	19.50 0.91 0.00	18.35 0.88 0.00	18.30 0.96 0.00	17.71 0.96 0.00	20.11 1.15 0.00	22.05 1.34 0.00	25.75 1.77 0.00	34.06 2.42 0.00	24.24 1.59 0.00	20.94 1.29 0.00	25.42 1.60 0.00	24.10 1.49 0.00	24.41 1.54 0.00	26.68 1.75 0.00	27.94 1.98 0.00	27.38 2.01 0.00	31.33 2.56 0.00	38.18 3.44 0.00	41.18 3.47 0.00	34.11 2.65 0.00	46.60 3.26 0.00	42.40 2.65 0.00	29.43 1.73 0.00	27.15 1.53 0.00
NUCOR_STEEL___DRP 24197	18.40 -0.18 0.00	17.27 -0.20 0.00	17.19 -0.15 0.00	16.62 -0.13 0.00	18.74 -0.21 0.00	20.54 -0.17 0.00	23.79 -0.19 0.00	31.47 -0.18 0.00	22.49 -0.16 0.00	19.61 -0.03 0.00	23.87 0.05 0.00	22.63 0.02 0.00	22.87 0.00 0.00	24.91 -0.02 0.00	25.90 -0.05 0.00	25.33 -0.04 0.00	28.91 0.14 0.00	35.04 0.31 0.00	37.81 0.10 0.00	31.56 0.11 0.00	43.02 -0.32 0.00	39.40 -0.35 0.00	27.52 -0.18 0.00	25.50 -0.13 0.00
NUMBER_THREE_WT_PWR 323818	18.35 -0.23 0.00	17.12 -0.35 0.00	17.17 -0.18 0.00	16.42 -0.32 0.00	18.88 -0.07 0.00	20.25 -0.46 0.00	23.60 -0.38 0.00	31.39 -0.25 0.00	22.63 -0.02 0.00	19.62 -0.03 0.00	23.88 0.06 0.00	22.73 0.12 0.00	22.84 -0.03 0.00	24.93 0.00 0.00	25.98 0.02 0.00	25.21 -0.16 0.00	28.72 -0.05 0.00	34.60 -0.14 0.00	37.05 -0.66 0.00	31.29 -0.17 0.00	43.63 0.28 0.00	40.28 0.52 0.00	27.89 0.20 0.00	25.73 0.11 0.00
NYISO_LBMP_REFERENCE 24008	18.58 0.00 0.00	17.47 0.00 0.00	17.34 0.00 0.00	16.75 0.00 0.00	18.95 0.00 0.00	20.71 0.00 0.00	23.98 0.00 0.00	31.64 0.00 0.00	22.65 0.00 0.00	19.64 0.00 0.00	23.83 0.00 0.00	22.61 0.00 0.00	22.87 0.00 0.00	24.92 0.00 0.00	25.96 0.00 0.00	25.37 0.00 0.00	28.77 0.00 0.00	34.73 0.00 0.00	37.71 0.00 0.00	31.46 0.00 0.00	43.34 0.00 0.00	39.75 0.00 0.00	27.70 0.00 0.00	25.62 0.00 0.00
NYPA_BRENTWD___GT 24164	19.98 1.40 0.00	18.79 1.32 0.00	18.62 1.28 0.00	17.97 1.23 0.00	20.23 1.27 0.00	22.17 1.46 0.00	25.71 1.73 0.00	34.18 2.54 0.00	24.04 1.39 0.00	20.76 1.12 0.00	25.62 1.79 0.00	24.47 1.86 0.00	24.49 1.61 0.00	26.62 1.70 0.00	27.93 1.97 0.00	27.53 2.16 0.00	31.53 2.75 0.00	38.32 3.58 0.00	41.05 3.34 0.00	34.37 2.91 0.00	49.79 3.63 -2.82	62.20 3.33 -19.12	29.90 2.21 0.00	28.60 2.08 -0.90
NYPA_GOWANUS___GT5 24156	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00
NYPA_GOWANUS___GT6 24157	19.41 0.83 0.00	18.23 0.76 0.00	18.08 0.73 0.00	17.42 0.68 0.00	19.71 0.75 0.00	21.65 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.21 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.80 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00

NYPA_HARLEM__RVR__GT1 24160	19.44 0.86 0.00	18.26 0.79 0.00	18.10 0.76 0.00	17.46 0.71 0.00	19.74 0.79 0.00	21.64 0.93 0.00	25.13 1.15 0.00	33.44 1.80 0.00	23.64 0.99 0.00	20.43 0.79 0.00	25.08 1.26 0.00	23.86 1.25 0.00	24.11 1.23 0.00	26.13 1.20 0.00	27.13 1.18 0.00	26.64 1.27 0.00	30.66 1.89 0.00	37.43 2.70 0.00	40.03 2.32 0.00	33.35 1.90 0.00	45.53 2.19 0.00	41.81 2.06 0.00	29.14 1.44 0.00	26.95 1.33 0.00
NYPA_HARLEM__RVR__GT2 24161	19.44 0.86 0.00	18.26 0.79 0.00	18.10 0.76 0.00	17.46 0.71 0.00	19.74 0.79 0.00	21.64 0.93 0.00	25.13 1.15 0.00	33.44 1.80 0.00	23.64 0.99 0.00	20.43 0.79 0.00	25.08 1.26 0.00	23.86 1.25 0.00	24.11 1.23 0.00	26.13 1.20 0.00	27.13 1.18 0.00	26.64 1.27 0.00	30.66 1.89 0.00	37.43 2.70 0.00	40.03 2.32 0.00	33.35 1.90 0.00	45.53 2.19 0.00	41.81 2.06 0.00	29.14 1.44 0.00	26.95 1.33 0.00
NYPA_KENT____GT 24152	19.46 0.88 0.00	18.27 0.80 0.00	18.12 0.77 0.00	17.47 0.72 0.00	19.74 0.79 0.00	21.66 0.95 0.00	25.17 1.18 0.00	33.51 1.87 0.00	23.65 1.00 0.00	20.43 0.79 0.00	25.03 1.20 0.00	23.86 1.25 0.00	24.13 1.25 0.00	26.16 1.24 0.00	27.20 1.25 0.00	26.71 1.34 0.00	30.72 1.95 0.00	37.48 2.75 0.00	40.08 2.37 0.00	33.39 1.93 0.00	45.59 2.25 0.00	41.86 2.11 0.00	29.18 1.48 0.00	26.98 1.36 0.00
NYPA_POUCH1____GT 24155	19.44 0.86 0.00	18.26 0.79 0.00	18.11 0.77 0.00	17.46 0.71 0.00	19.74 0.79 0.00	21.70 0.99 0.00	25.16 1.18 0.00	33.47 1.83 0.00	23.58 0.93 0.00	20.37 0.73 0.00	24.93 1.10 0.00	23.78 1.17 0.00	23.98 1.11 0.00	26.06 1.14 0.00	27.10 1.14 0.00	26.59 1.22 0.00	30.58 1.82 0.00	37.31 2.58 0.00	39.88 2.17 0.00	33.27 1.81 0.00	45.41 2.07 0.00	41.70 1.95 0.00	29.06 1.37 0.00	26.87 1.25 0.00
NYPA_VERNON____GT2 24162	19.42 0.84 0.00	18.24 0.77 0.00	18.08 0.74 0.00	17.44 0.69 0.00	19.70 0.74 0.00	21.60 0.89 0.00	25.10 1.12 0.00	33.43 1.78 0.00	23.60 0.95 0.00	20.39 0.75 0.00	24.98 1.16 0.00	23.80 1.19 0.00	24.07 1.20 0.00	26.10 1.18 0.00	27.15 1.19 0.00	26.66 1.29 0.00	30.65 1.88 0.00	37.40 2.67 0.00	40.01 2.30 0.00	33.30 1.85 0.00	45.49 2.15 0.00	41.77 2.02 0.00	29.12 1.43 0.00	26.94 1.32 0.00
NYPA_VERNON____GT3 24163	19.42 0.84 0.00	18.24 0.77 0.00	18.08 0.74 0.00	17.44 0.69 0.00	19.70 0.74 0.00	21.60 0.89 0.00	25.10 1.12 0.00	33.43 1.78 0.00	23.60 0.95 0.00	20.39 0.75 0.00	24.98 1.16 0.00	23.80 1.19 0.00	24.07 1.20 0.00	26.10 1.18 0.00	27.15 1.19 0.00	26.66 1.29 0.00	30.65 1.88 0.00	37.40 2.67 0.00	40.01 2.30 0.00	33.30 1.85 0.00	45.49 2.15 0.00	41.77 2.02 0.00	29.12 1.43 0.00	26.94 1.32 0.00
NYPA__ASTORIA_CC1 323568	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.68 0.73 0.00	21.58 0.87 0.00	25.07 1.09 0.00	33.38 1.74 0.00	23.57 0.92 0.00	20.36 0.72 0.00	24.96 1.13 0.00	23.78 1.17 0.00	24.06 1.18 0.00	26.08 1.16 0.00	27.12 1.16 0.00	26.63 1.27 0.00	30.62 1.85 0.00	37.37 2.64 0.00	39.96 2.25 0.00	33.27 1.81 0.00	45.44 2.10 0.00	41.74 1.98 0.00	29.10 1.41 0.00	26.92 1.30 0.00
NYPA__ASTORIA_CC2 323569	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.68 0.73 0.00	21.58 0.87 0.00	25.07 1.09 0.00	33.38 1.74 0.00	23.57 0.92 0.00	20.36 0.72 0.00	24.96 1.13 0.00	23.78 1.17 0.00	24.06 1.18 0.00	26.08 1.16 0.00	27.12 1.16 0.00	26.63 1.27 0.00	30.62 1.85 0.00	37.37 2.64 0.00	39.96 2.25 0.00	33.27 1.81 0.00	45.44 2.10 0.00	41.74 1.98 0.00	29.10 1.41 0.00	26.92 1.30 0.00
NYPA__HOLTSVILL 23794	19.89 1.31 0.00	18.70 1.23 0.00	18.53 1.18 0.00	17.89 1.14 0.00	20.12 1.17 0.00	22.07 1.35 0.00	25.51 1.53 0.00	34.03 2.39 0.00	23.88 1.23 0.00	20.59 0.95 0.00	25.34 1.51 0.00	24.14 1.53 0.00	24.20 1.33 0.00	26.30 1.38 0.00	27.60 1.64 0.00	27.19 1.82 0.00	31.20 2.43 0.00	38.05 3.31 0.00	40.76 3.05 0.00	34.05 2.59 0.00	49.34 3.18 -2.82	61.83 2.96 -19.12	29.66 1.96 0.00	28.40 1.88 -0.90
NYPA__HELLGATE_GT1 24158	19.44 0.86 0.00	18.26 0.79 0.00	18.10 0.76 0.00	17.46 0.71 0.00	19.74 0.79 0.00	21.64 0.93 0.00	25.13 1.15 0.00	33.44 1.80 0.00	23.64 0.99 0.00	20.43 0.79 0.00	25.08 1.26 0.00	23.86 1.25 0.00	24.11 1.23 0.00	26.13 1.20 0.00	27.13 1.18 0.00	26.64 1.27 0.00	30.63 1.86 0.00	37.40 2.67 0.00	40.00 2.29 0.00	33.32 1.87 0.00	45.50 2.16 0.00	41.80 2.05 0.00	29.14 1.44 0.00	26.95 1.33 0.00
NYPA__HELLGATE_GT2 24159	19.44 0.86 0.00	18.26 0.79 0.00	18.10 0.76 0.00	17.46 0.71 0.00	19.74 0.79 0.00	21.64 0.93 0.00	25.13 1.15 0.00	33.44 1.80 0.00	23.64 0.99 0.00	20.43 0.79 0.00	25.08 1.26 0.00	23.86 1.25 0.00	24.11 1.23 0.00	26.13 1.20 0.00	27.13 1.18 0.00	26.64 1.27 0.00	30.63 1.86 0.00	37.40 2.67 0.00	40.00 2.29 0.00	33.32 1.87 0.00	45.50 2.16 0.00	41.80 2.05 0.00	29.14 1.44 0.00	26.95 1.33 0.00
NYS_BARGE__HYD 23848	17.11 -1.48 0.00	15.98 -1.50 0.00	15.77 -1.57 0.00	15.28 -1.47 0.00	17.25 -1.70 0.00	18.81 -1.91 0.00	21.69 -2.30 0.00	28.77 -2.87 0.00	20.95 -1.70 0.00	18.29 -1.35 0.00	22.18 -1.64 0.00	20.83 -1.78 0.00	21.16 -1.71 0.00	23.13 -1.79 0.00	24.12 -1.84 0.00	23.41 -1.96 0.00	26.73 -2.03 0.00	32.30 -2.44 0.00	32.07 -2.96 2.68	28.68 -2.42 0.36	39.12 -3.80 0.42	35.61 -3.89 0.24	25.34 -2.36 0.00	23.57 -2.06 0.00
OAK ORCHARD__HYD 24046	17.76 -0.82 0.00	16.63 -0.84 0.00	16.45 -0.89 0.00	15.91 -0.84 0.00	18.01 -0.94 0.00	19.65 -1.06 0.00	22.73 -1.25 0.00	30.11 -1.53 0.00	21.78 -0.87 0.00	18.99 -0.65 0.00	23.08 -0.74 0.00	21.78 -0.83 0.00	22.07 -0.81 0.00	24.08 -0.84 0.00	25.08 -0.87 0.00	24.44 -0.93 0.00	27.85 -0.92 0.00	33.70 -1.03 0.00	34.89 -1.37 1.45	30.11 -1.15 0.19	41.17 -1.94 0.23	37.52 -2.10 0.13	26.41 -1.29 0.00	24.50 -1.12 0.00
OAKDALE__35_KV_LOAD 356122	18.40 -0.19 0.00	17.28 -0.19 0.00	17.14 -0.21 0.00	16.53 -0.22 0.00	18.71 -0.24 0.00	20.43 -0.28 0.00	23.67 -0.31 0.00	31.50 -0.14 0.00	22.51 -0.14 0.00	19.52 -0.12 0.00	23.85 0.02 0.00	22.57 -0.03 0.00	22.80 -0.07 0.00	24.84 -0.09 0.00	25.82 -0.14 0.00	25.23 -0.14 0.00	28.86 0.09 0.00	35.04 0.31 0.00	37.71 0.00 0.00	31.47 0.01 0.00	43.03 -0.31 0.00	39.36 -0.39 0.00	27.47 -0.23 0.00	25.44 -0.18 0.00
OCC_CHEM__DRP 24175	16.81 -1.78 0.00	15.69 -1.78 0.00	15.53 -1.82 0.00	15.00 -1.75 0.00	16.94 -2.01 0.00	18.44 -2.27 0.00	21.21 -2.77 0.00	28.00 -3.63 0.00	20.33 -2.32 0.00	17.76 -1.88 0.00	21.54 -2.28 0.00	20.24 -2.37 0.00	20.56 -2.32 0.00	22.48 -2.44 0.00	23.45 -2.50 0.00	22.76 -2.60 0.00	25.94 -2.82 0.00	31.29 -3.45 0.00	33.75 -3.96 0.00	28.17 -3.28 0.00	38.36 -4.98 0.00	34.82 -4.93 0.00	24.67 -3.03 0.00	23.06 -2.56 0.00

OH_GEN_PROXY 24063	31.68 -1.59 -14.69	15.88 -1.59 0.00	15.68 -1.66 0.00	15.17 -1.58 0.00	17.15 -1.80 0.00	18.65 -2.07 0.00	21.47 -2.51 0.00	28.45 -3.19 0.00	31.92 -1.98 -11.25	27.34 -1.60 -9.29	27.84 -1.89 -5.90	20.62 -1.99 0.00	20.94 -1.93 0.00	22.89 -2.03 0.00	45.17 -2.07 -21.28	23.98 -2.18 -0.79	48.23 -2.36 -21.82	31.85 -2.89 0.00	31.14 -3.41 3.17	28.23 -2.80 0.42	65.01 -4.28 -25.94	35.18 -4.28 0.29	42.29 -2.62 -17.21	23.36 -2.26 0.00
OLIN_CORP_DRP 24177	16.81 -1.77 0.00	15.68 -1.79 0.00	15.52 -1.82 0.00	15.00 -1.75 0.00	16.94 -2.01 0.00	18.46 -2.25 0.00	21.25 -2.73 0.00	28.17 -3.47 0.00	20.55 -2.09 0.00	17.94 -1.70 0.00	21.73 -2.10 0.00	20.39 -2.22 0.00	20.71 -2.16 0.00	22.65 -2.27 0.00	23.63 -2.32 0.00	22.93 -2.44 0.00	26.16 -2.61 0.00	31.57 -3.17 0.00	33.98 -3.73 0.00	28.42 -3.04 0.00	38.70 -4.64 0.00	35.11 -4.64 0.00	24.86 -2.84 0.00	23.14 -2.48 0.00
OLIN_CORP_DSASP 323712	16.81 -1.78 0.00	15.70 -1.77 0.00	15.50 -1.85 0.00	15.01 -1.74 0.00	16.94 -2.01 0.00	18.44 -2.27 0.00	21.22 -2.77 0.00	28.00 -3.64 0.00	20.33 -2.32 0.00	17.76 -1.88 0.00	21.54 -2.28 0.00	20.24 -2.37 0.00	20.56 -2.32 0.00	22.48 -2.44 0.00	23.45 -2.50 0.00	22.77 -2.60 0.00	25.95 -2.82 0.00	31.29 -3.45 0.00	30.75 -3.96 3.00	27.77 -3.28 0.40	37.89 -4.99 0.47	34.55 -4.93 0.27	24.67 -3.03 0.00	23.07 -2.56 0.00
ONEIDA_HERK_LFGE 323681	18.76 0.17 0.00	17.56 0.09 0.00	17.51 0.16 0.00	16.84 0.09 0.00	19.19 0.24 0.00	20.84 0.13 0.00	24.25 0.27 0.00	32.15 0.50 0.00	23.09 0.44 0.00	20.02 0.38 0.00	24.36 0.53 0.00	23.14 0.53 0.00	23.33 0.46 0.00	25.43 0.51 0.00	26.50 0.55 0.00	25.84 0.47 0.00	29.49 0.73 0.00	35.62 0.89 0.00	38.35 0.64 0.00	32.12 0.66 0.00	44.38 1.04 0.00	40.74 0.99 0.00	28.28 0.58 0.00	26.10 0.48 0.00
ONEIDA___115KV_TB4 55905	18.93 0.34 0.00	17.78 0.31 0.00	17.65 0.31 0.00	17.01 0.26 0.00	19.31 0.35 0.00	21.10 0.38 0.00	24.55 0.56 0.00	32.49 0.85 0.00	23.30 0.65 0.00	20.22 0.58 0.00	24.59 0.77 0.00	23.34 0.73 0.00	23.57 0.70 0.00	25.69 0.76 0.00	26.75 0.80 0.00	26.16 0.79 0.00	29.89 1.12 0.00	36.14 1.40 0.00	38.97 1.26 0.00	32.50 1.05 0.00	44.68 1.34 0.00	40.88 1.13 0.00	28.39 0.70 0.00	26.24 0.61 0.00
ONONDAGA_REF_OCCRA 23987	18.38 -0.20 0.00	17.26 -0.21 0.00	17.12 -0.22 0.00	16.53 -0.22 0.00	18.72 -0.23 0.00	20.46 -0.25 0.00	23.65 -0.33 0.00	31.20 -0.44 0.00	22.40 -0.25 0.00	19.45 -0.20 0.00	23.64 -0.18 0.00	22.43 -0.18 0.00	22.69 -0.18 0.00	24.71 -0.21 0.00	25.69 -0.26 0.00	25.13 -0.24 0.00	28.67 -0.10 0.00	34.74 0.00 0.00	37.52 -0.18 0.00	31.26 -0.20 0.00	42.84 -0.50 0.00	39.16 -0.59 0.00	27.28 -0.41 0.00	25.28 -0.35 0.00
ONONDAGA___COGEN 23986	18.35 -0.23 0.00	17.22 -0.25 0.00	17.10 -0.24 0.00	16.52 -0.23 0.00	18.70 -0.25 0.00	20.43 -0.28 0.00	23.64 -0.34 0.00	31.18 -0.46 0.00	22.36 -0.29 0.00	19.43 -0.21 0.00	23.61 -0.21 0.00	22.40 -0.21 0.00	22.66 -0.21 0.00	24.67 -0.25 0.00	25.64 -0.31 0.00	25.08 -0.29 0.00	28.59 -0.17 0.00	34.65 -0.09 0.00	37.45 -0.26 0.00	31.21 -0.24 0.00	42.77 -0.57 0.00	39.11 -0.64 0.00	27.26 -0.44 0.00	25.26 -0.36 0.00
ONTARIO___LFGE 23819	18.17 -0.42 0.00	16.99 -0.48 0.00	16.84 -0.50 0.00	16.28 -0.47 0.00	18.46 -0.49 0.00	20.19 -0.52 0.00	23.44 -0.54 0.00	31.10 -0.55 0.00	22.35 -0.29 0.00	19.41 -0.24 0.00	23.70 -0.13 0.00	22.40 -0.21 0.00	22.69 -0.18 0.00	24.75 -0.17 0.00	25.73 -0.23 0.00	25.10 -0.27 0.00	28.64 -0.13 0.00	34.89 0.15 0.00	37.57 -0.14 0.00	31.33 -0.13 0.00	42.76 -0.59 0.00	39.01 -0.74 0.00	27.27 -0.43 0.00	25.26 -0.36 0.00
ORANGEVILLE_WT_PWR 323706	16.95 -1.63 0.00	15.86 -1.62 0.00	15.70 -1.64 0.00	15.20 -1.55 0.00	17.21 -1.74 0.00	18.75 -1.96 0.00	21.72 -2.26 0.00	28.82 -2.81 0.01	20.80 -1.84 0.00	18.10 -1.54 0.00	22.11 -1.72 0.00	20.85 -1.76 0.00	21.20 -1.67 0.00	23.24 -1.69 0.00	24.19 -1.77 0.00	23.52 -1.84 0.00	27.10 -1.67 0.00	33.02 -1.72 0.00	34.30 -2.31 1.11	29.38 -1.93 0.15	39.96 -3.21 0.17	36.45 -3.20 0.10	25.60 -2.09 0.00	23.68 -1.94 0.00
ORANGEVILLE___ESR 323794	16.95 -1.63 0.00	15.86 -1.62 0.00	15.70 -1.64 0.00	15.20 -1.55 0.00	17.21 -1.74 0.00	18.75 -1.96 0.00	21.72 -2.26 0.00	28.82 -2.81 0.01	20.80 -1.84 0.00	18.10 -1.54 0.00	22.11 -1.72 0.00	20.85 -1.76 0.00	21.20 -1.67 0.00	23.24 -1.69 0.00	24.19 -1.77 0.00	23.52 -1.84 0.00	27.10 -1.67 0.00	33.02 -1.72 0.00	34.30 -2.31 1.11	29.38 -1.93 0.15	39.96 -3.21 0.17	36.45 -3.20 0.10	25.60 -2.09 0.00	23.68 -1.94 0.00
OSWEGATCHIE___HYD 24044	18.26 -0.32 0.00	17.11 -0.36 0.00	17.08 -0.26 0.00	16.42 -0.33 0.00	18.77 -0.19 0.00	20.29 -0.42 0.00	23.57 -0.41 0.00	31.08 -0.56 0.00	22.38 -0.27 0.00	19.43 -0.21 0.00	23.51 -0.32 0.00	22.38 -0.23 0.00	22.47 -0.41 0.00	24.53 -0.39 0.00	25.57 -0.39 0.00	24.79 -0.58 0.00	27.96 -0.81 0.00	33.60 -1.14 0.00	36.51 -1.19 0.00	30.78 -0.67 0.00	42.86 -0.49 0.00	39.53 -0.22 0.00	27.50 -0.20 0.00	25.35 -0.27 0.00
OSWEGO___5 23606	18.07 -0.52 0.00	16.97 -0.50 0.00	16.84 -0.51 0.00	16.26 -0.49 0.00	18.40 -0.55 0.00	20.10 -0.61 0.00	23.21 -0.77 0.00	30.58 -1.06 0.00	21.96 -0.69 0.00	19.08 -0.56 0.00	23.15 -0.67 0.00	21.96 -0.65 0.00	22.22 -0.66 0.00	24.19 -0.73 0.00	25.15 -0.80 0.00	24.60 -0.77 0.00	28.00 -0.77 0.00	33.88 -0.85 0.00	36.65 -1.06 0.00	30.56 -0.90 0.00	41.93 -1.41 0.00	38.38 -1.38 0.00	26.77 -0.93 0.00	24.82 -0.80 0.00
OSWEGO___6 23613	18.07 -0.52 0.00	16.97 -0.50 0.00	16.84 -0.51 0.00	16.26 -0.49 0.00	18.40 -0.55 0.00	20.10 -0.61 0.00	23.21 -0.77 0.00	30.58 -1.06 0.00	21.96 -0.69 0.00	19.08 -0.56 0.00	23.15 -0.67 0.00	21.96 -0.65 0.00	22.22 -0.66 0.00	24.19 -0.73 0.00	25.15 -0.80 0.00	24.60 -0.77 0.00	28.00 -0.77 0.00	33.88 -0.85 0.00	36.65 -1.06 0.00	30.56 -0.90 0.00	41.93 -1.41 0.00	38.38 -1.38 0.00	26.77 -0.93 0.00	24.82 -0.80 0.00
OUTOKUMPU-AB___DRP 24206	17.27 -1.31 0.00	16.13 -1.34 0.00	15.96 -1.38 0.00	15.40 -1.34 0.00	17.42 -1.54 0.00	18.97 -1.74 0.00	21.90 -2.08 0.00	28.99 -2.65 0.00	21.06 -1.58 0.00	18.40 -1.24 0.00	22.35 -1.47 0.00	21.01 -1.60 0.00	21.33 -1.54 0.00	23.33 -1.59 0.00	24.32 -1.64 0.00	23.60 -1.77 0.00	26.97 -1.80 0.00	32.59 -2.15 0.00	35.10 -2.61 0.00	29.30 -2.15 0.00	39.89 -3.46 0.00	36.18 -3.57 0.00	25.54 -2.15 0.00	23.77 -1.86 0.00
OXBOW___BTM 323836	17.10 -1.49 0.00	15.95 -1.52 0.00	15.79 -1.55 0.00	15.24 -1.50 0.00	17.23 -1.72 0.00	18.76 -1.95 0.00	21.64 -2.34 0.00	28.59 -3.05 0.00	20.77 -1.88 0.00	18.15 -1.49 0.00	22.03 -1.80 0.00	20.70 -1.91 0.00	21.02 -1.86 0.00	22.99 -1.94 0.00	23.97 -1.98 0.00	23.26 -2.10 0.00	26.55 -2.22 0.00	32.06 -2.67 0.00	34.55 -3.16 0.00	28.85 -2.60 0.00	39.26 -4.08 0.00	35.62 -4.13 0.00	25.20 -2.50 0.00	23.49 -2.13 0.00

OXBOW____ 24026	17.09 -1.49 0.00	15.96 -1.51 0.00	15.76 -1.58 0.00	15.25 -1.49 0.00	17.23 -1.72 0.00	18.76 -1.95 0.00	21.64 -2.34 0.00	28.59 -3.05 0.00	20.76 -1.88 0.00	18.15 -1.50 0.00	22.03 -1.79 0.00	20.70 -1.91 0.00	21.02 -1.86 0.00	22.98 -1.94 0.00	23.97 -1.98 0.00	23.27 -2.10 0.00	26.55 -2.22 0.00	32.06 -2.67 0.00	31.54 -3.15 3.01	28.44 -2.61 0.40	38.79 -4.08 0.47	35.35 -4.12 0.27	25.20 -2.50 0.00	23.49 -2.13 0.00
OXY_CHEM_DSASP 323612	16.81 -1.78 0.00	15.69 -1.78 0.00	15.53 -1.82 0.00	15.00 -1.75 0.00	16.94 -2.01 0.00	18.44 -2.27 0.00	21.21 -2.77 0.00	28.00 -3.63 0.00	20.33 -2.32 0.00	17.76 -1.88 0.00	21.54 -2.28 0.00	20.24 -2.37 0.00	20.56 -2.32 0.00	22.48 -2.44 0.00	23.45 -2.50 0.00	22.76 -2.60 0.00	25.94 -2.82 0.00	31.29 -3.45 0.00	33.75 -3.96 0.00	28.17 -3.28 0.00	38.36 -4.98 0.00	34.82 -4.93 0.00	24.67 -3.03 0.00	23.06 -2.56 0.00
OZONE_PARK_ESR 323760	19.56 0.98 0.00	18.36 0.89 0.00	18.20 0.86 0.00	17.56 0.81 0.00	19.84 0.89 0.00	21.77 1.06 0.00	25.30 1.32 0.00	33.73 2.09 0.00	23.82 1.18 0.00	20.58 0.93 0.00	25.21 1.38 0.00	24.03 1.42 0.00	24.30 1.42 0.00	26.34 1.42 0.00	27.41 1.45 0.00	26.93 1.56 0.00	30.97 2.20 0.00	37.84 3.10 0.00	40.48 2.77 0.00	33.69 2.23 0.00	46.00 2.66 0.00	42.25 2.50 0.00	29.44 1.74 0.00	27.20 1.58 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.81 -1.78 0.00	15.69 -1.78 0.00	15.53 -1.82 0.00	15.00 -1.75 0.00	16.94 -2.01 0.00	18.44 -2.27 0.00	21.21 -2.77 0.00	28.00 -3.63 0.00	20.33 -2.32 0.00	17.76 -1.88 0.00	21.54 -2.28 0.00	20.24 -2.37 0.00	20.56 -2.32 0.00	22.48 -2.44 0.00	23.45 -2.50 0.00	22.76 -2.60 0.00	25.94 -2.82 0.00	31.29 -3.45 0.00	33.75 -3.96 0.00	28.17 -3.28 0.00	38.36 -4.98 0.00	34.82 -4.93 0.00	24.67 -3.03 0.00	23.06 -2.56 0.00
PACKARD__115KV_DUPONT_184 80571	16.81 -1.78 0.00	15.69 -1.78 0.00	15.53 -1.82 0.00	15.00 -1.75 0.00	16.94 -2.01 0.00	18.44 -2.27 0.00	21.21 -2.77 0.00	28.00 -3.63 0.00	20.33 -2.32 0.00	17.76 -1.88 0.00	21.54 -2.28 0.00	20.24 -2.37 0.00	20.56 -2.32 0.00	22.48 -2.44 0.00	23.45 -2.50 0.00	22.76 -2.60 0.00	25.94 -2.82 0.00	31.29 -3.45 0.00	33.75 -3.96 0.00	28.17 -3.28 0.00	38.36 -4.98 0.00	34.82 -4.93 0.00	24.67 -3.03 0.00	23.06 -2.56 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.41 0.82 0.00	18.23 0.76 0.00	18.06 0.72 0.00	17.44 0.69 0.00	19.70 0.74 0.00	21.61 0.90 0.00	25.10 1.12 0.00	33.41 1.77 0.00	23.62 0.97 0.00	20.41 0.77 0.00	25.03 1.21 0.00	23.81 1.19 0.00	24.06 1.19 0.00	26.07 1.15 0.00	27.10 1.15 0.00	26.63 1.26 0.00	30.63 1.86 0.00	37.39 2.66 0.00	39.99 2.28 0.00	33.31 1.86 0.00	45.49 2.15 0.00	41.78 2.03 0.00	29.12 1.42 0.00	26.91 1.29 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.50 0.92 0.00	18.34 0.87 0.00	18.18 0.83 0.00	17.54 0.79 0.00	19.82 0.87 0.00	21.76 1.05 0.00	25.30 1.32 0.00	33.67 2.03 0.00	23.78 1.13 0.00	20.54 0.90 0.00	25.18 1.35 0.00	23.95 1.33 0.00	24.20 1.33 0.00	26.21 1.29 0.00	27.25 1.29 0.00	26.80 1.44 0.00	30.87 2.10 0.00	37.68 2.95 0.00	40.28 2.57 0.00	33.58 2.12 0.00	45.83 2.49 0.00	42.08 2.32 0.00	29.34 1.64 0.00	27.12 1.49 0.00
PATROON__115KV_TB1 80586	18.83 0.25 0.00	17.75 0.27 0.00	17.61 0.27 0.00	17.02 0.27 0.00	19.22 0.26 0.00	21.00 0.29 0.00	24.35 0.37 0.00	32.21 0.57 0.00	22.94 0.29 0.00	19.86 0.21 0.00	24.15 0.33 0.00	22.95 0.34 0.00	23.23 0.36 0.00	25.34 0.42 0.00	26.47 0.51 0.00	25.97 0.60 0.00	29.62 0.85 0.00	36.00 1.26 0.00	38.86 1.15 0.00	32.26 0.80 0.00	44.23 0.89 0.00	40.41 0.65 0.00	28.09 0.40 0.00	25.94 0.32 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.85 -0.74 0.00	16.69 -0.78 0.00	16.52 -0.83 0.00	15.93 -0.82 0.00	18.03 -0.92 0.00	19.63 -1.08 0.00	22.63 -1.35 0.00	30.04 -1.60 0.00	21.76 -0.89 0.00	18.98 -0.66 0.00	23.18 -0.64 0.00	21.84 -0.78 0.00	22.21 -0.66 0.00	24.26 -0.66 0.00	25.27 -0.68 0.00	24.53 -0.84 0.00	28.06 -0.71 0.00	33.82 -0.91 0.00	36.32 -1.38 0.00	30.36 -1.10 0.00	41.33 -2.01 0.00	37.49 -2.26 0.00	26.46 -1.24 0.00	24.58 -1.04 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.50 0.91 0.00	18.32 0.85 0.00	18.17 0.83 0.00	17.54 0.79 0.00	19.83 0.88 0.00	21.77 1.06 0.00	25.30 1.32 0.00	33.65 2.00 0.00	23.84 1.19 0.00	20.62 0.98 0.00	25.22 1.39 0.00	23.98 1.38 0.00	24.27 1.39 0.00	26.35 1.43 0.00	27.41 1.46 0.00	26.93 1.56 0.00	30.96 2.19 0.00	37.78 3.05 0.00	40.56 2.85 0.00	33.72 2.26 0.00	46.06 2.72 0.00	42.17 2.42 0.00	29.31 1.61 0.00	27.07 1.45 0.00
PEEKSKILL____ 23653	19.31 0.73 0.00	18.14 0.67 0.00	18.00 0.66 0.00	17.36 0.61 0.00	19.62 0.67 0.00	21.52 0.81 0.00	25.00 1.02 0.00	33.24 1.60 0.00	23.53 0.88 0.00	20.32 0.68 0.00	24.87 1.05 0.00	23.68 1.07 0.00	23.94 1.06 0.00	25.99 1.07 0.00	27.05 1.09 0.00	26.56 1.20 0.00	30.54 1.77 0.00	37.27 2.53 0.00	39.94 2.23 0.00	33.21 1.76 0.00	45.40 2.05 0.00	41.62 1.87 0.00	28.97 1.27 0.00	26.77 1.15 0.00
PGE MADISON__WINDPWR 24146	19.60 1.01 0.00	18.46 0.99 0.00	18.39 1.04 0.00	17.55 0.80 0.00	19.75 0.80 0.00	21.69 0.98 0.00	25.46 1.48 0.00	33.98 2.34 0.00	24.29 1.64 0.00	20.87 1.23 0.00	25.61 1.79 0.00	24.26 1.65 0.00	24.47 1.60 0.00	26.55 1.62 0.00	27.77 1.81 0.00	27.29 1.92 0.00	31.53 2.76 0.00	38.29 3.55 0.00	41.84 3.41 -0.72	34.53 2.97 -0.10	47.30 3.84 -0.11	43.35 3.54 -0.07	30.07 2.37 0.00	27.70 2.08 0.00
PIERCEFIELD__HYD 23852	18.61 0.03 0.00	17.51 0.04 0.00	17.41 0.07 0.00	16.82 0.07 0.00	19.10 0.14 0.00	20.77 0.06 0.00	24.05 0.07 0.00	31.51 -0.13 0.00	22.66 0.01 0.00	19.69 0.04 0.00	23.69 -0.13 0.00	22.55 -0.06 0.00	22.67 -0.21 0.00	24.73 -0.18 0.00	25.79 -0.16 0.00	24.97 -0.40 0.00	27.92 -0.85 0.00	33.42 -1.32 0.00	36.77 -0.94 0.00	30.98 -0.47 0.00	43.12 -0.22 0.00	39.75 0.00 0.00	27.77 0.07 0.00	25.59 -0.04 0.00
PINELAWN_CC_1 323563	19.86 1.28 0.00	18.66 1.19 0.00	18.50 1.16 0.00	17.85 1.10 0.00	20.09 1.14 0.00	22.03 1.32 0.00	25.56 1.58 0.00	34.07 2.43 0.00	23.98 1.33 0.00	20.70 1.06 0.00	25.51 1.68 0.00	24.26 1.65 0.00	24.33 1.46 0.00	26.46 1.53 0.00	27.73 1.78 0.00	27.32 1.95 0.00	31.36 2.59 0.00	38.27 3.53 0.00	41.01 3.30 0.00	34.20 2.75 0.00	49.53 3.37 -2.82	61.99 3.12 -19.12	29.76 2.06 0.00	28.45 1.93 -0.90
PJM_GEN_HTP_PROXY 323702	19.38 0.80 0.00	18.21 0.73 0.00	18.05 0.71 0.00	17.41 0.66 0.00	19.68 0.73 0.00	21.58 0.87 0.00	25.06 1.08 0.00	33.39 1.75 0.00	23.58 0.93 0.00	20.38 0.73 0.00	24.95 1.13 0.00	23.78 1.17 0.00	24.05 1.17 0.00	26.07 1.15 0.00	27.14 1.18 0.00	26.87 1.28 -0.22	30.40 1.87 0.24	37.41 2.68 0.00	40.02 2.31 0.00	33.30 1.84 0.00	45.49 2.14 0.00	41.78 2.03 0.00	29.11 1.41 0.00	26.91 1.29 0.00

PJM_GEN_KEystone 24065	18.45 -0.13 0.00	17.33 -0.14 0.00	17.16 -0.19 0.00	16.55 -0.19 0.00	18.72 -0.23 0.00	20.45 -0.26 0.00	23.67 -0.31 0.00	31.44 -0.20 0.00	22.39 -0.26 0.00	19.42 -0.22 0.00	23.80 -0.02 0.00	22.58 -0.03 0.00	22.87 0.00 0.00	24.88 -0.04 0.00	25.88 -0.08 0.00	25.49 -0.10 -0.22	28.75 0.23 0.24	37.39 0.53 -2.13	33.61 0.07 4.17	31.00 0.02 0.48	42.41 -0.37 0.56	38.96 -0.47 0.33	27.51 -0.19 0.00	25.50 -0.13 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.53 0.94 0.00	18.35 0.88 0.00	18.19 0.84 0.00	17.55 0.80 0.00	19.79 0.84 0.00	21.71 1.00 0.00	25.20 1.22 0.00	33.57 1.93 0.00	23.68 1.03 0.00	20.46 0.81 0.00	25.11 1.29 0.00	23.92 1.31 0.00	24.07 1.20 0.00	26.16 1.24 0.00	27.33 1.38 0.00	27.10 1.52 -0.22	30.62 2.09 0.24	37.66 2.93 0.00	40.37 2.66 0.00	33.64 2.18 0.00	48.78 2.62 -2.82	61.31 2.43 -19.12	29.33 1.63 0.00	28.04 1.51 -0.90
PJM_GEN_VFT_PROXY 323633	19.29 0.70 0.00	18.11 0.64 0.00	17.95 0.61 0.00	17.31 0.57 0.00	19.57 0.62 0.00	21.48 0.77 0.00	24.93 0.95 0.00	33.22 1.58 0.00	23.47 0.82 0.00	20.28 0.63 0.00	24.82 1.00 0.00	23.67 1.06 0.00	23.93 1.06 0.00	25.93 1.01 0.00	26.99 1.03 0.00	26.73 1.14 -0.22	30.27 1.74 0.24	37.25 2.52 0.00	39.82 2.11 0.00	33.15 1.69 0.00	45.29 1.95 0.00	41.61 1.86 0.00	28.98 1.29 0.00	26.80 1.17 0.00
PLATSBRG_115KV_PMLD1 355749	18.75 0.17 0.00	17.76 0.29 0.00	17.77 0.43 0.00	17.24 0.49 0.00	19.59 0.64 0.00	21.49 0.78 0.00	24.98 0.99 0.00	32.67 1.02 0.00	23.15 0.50 0.00	19.85 0.21 0.00	23.83 0.01 0.00	22.65 0.04 0.00	22.96 0.08 0.00	25.07 0.14 0.00	26.32 0.37 0.00	25.71 0.34 0.00	28.70 -0.07 0.00	34.64 -0.10 0.00	37.95 0.25 0.00	32.01 0.55 0.00	44.58 1.24 0.00	41.12 1.37 0.00	28.46 0.76 0.00	26.00 0.37 0.00
PLEASANTVLY___LBMP 24000	19.22 0.63 0.00	18.07 0.60 0.00	17.93 0.59 0.00	17.31 0.56 0.00	19.57 0.61 0.00	21.44 0.73 0.00	24.89 0.91 0.00	33.04 1.40 0.00	23.41 0.76 0.00	20.25 0.60 0.00	24.76 0.94 0.00	23.55 0.94 0.00	23.82 0.95 0.00	25.89 0.97 0.00	26.95 1.00 0.00	26.47 1.11 0.00	30.38 1.61 0.00	37.05 2.31 0.00	39.77 2.06 0.00	33.06 1.60 0.00	45.19 1.85 0.00	41.39 1.64 0.00	28.79 1.09 0.00	26.61 0.99 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.35 0.76 0.00	18.18 0.71 0.00	18.03 0.69 0.00	17.40 0.66 0.00	19.67 0.72 0.00	21.57 0.86 0.00	25.04 1.06 0.00	33.31 1.67 0.00	23.58 0.93 0.00	20.38 0.74 0.00	24.94 1.11 0.00	23.75 1.14 0.00	24.00 1.13 0.00	26.06 1.14 0.00	27.13 1.18 0.00	26.66 1.29 0.00	30.62 1.85 0.00	37.36 2.62 0.00	40.05 2.35 0.00	33.32 1.86 0.00	45.53 2.19 0.00	41.72 1.97 0.00	29.03 1.33 0.00	26.83 1.21 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.35 0.76 0.00	18.18 0.71 0.00	18.03 0.69 0.00	17.40 0.66 0.00	19.67 0.72 0.00	21.57 0.86 0.00	25.04 1.06 0.00	33.31 1.67 0.00	23.58 0.93 0.00	20.38 0.74 0.00	24.94 1.11 0.00	23.75 1.14 0.00	24.00 1.13 0.00	26.06 1.14 0.00	27.13 1.18 0.00	26.66 1.29 0.00	30.62 1.85 0.00	37.36 2.62 0.00	40.05 2.35 0.00	33.32 1.86 0.00	45.53 2.19 0.00	41.72 1.97 0.00	29.03 1.33 0.00	26.83 1.21 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.36 0.77 0.00	18.19 0.72 0.00	18.05 0.71 0.00	17.43 0.69 0.00	19.72 0.76 0.00	21.62 0.91 0.00	25.11 1.13 0.00	33.34 1.70 0.00	23.66 1.02 0.00	20.51 0.86 0.00	25.08 1.26 0.00	23.80 1.19 0.00	24.12 1.25 0.00	26.19 1.27 0.00	27.21 1.25 0.00	26.73 1.37 0.00	30.70 1.93 0.00	37.43 2.70 0.00	40.22 2.51 0.00	33.43 1.98 0.00	45.68 2.34 0.00	41.80 2.05 0.00	29.06 1.36 0.00	26.84 1.22 0.00
POLETTI_____ 23519	19.37 0.78 0.00	18.19 0.72 0.00	18.03 0.69 0.00	17.40 0.65 0.00	19.66 0.71 0.00	21.56 0.85 0.00	25.01 1.03 0.00	33.31 1.67 0.00	23.53 0.88 0.00	20.35 0.70 0.00	24.92 1.10 0.00	23.77 1.16 0.00	24.03 1.15 0.00	26.03 1.11 0.00	27.08 1.13 0.00	26.60 1.23 0.00	30.59 1.82 0.00	37.34 2.60 0.00	39.93 2.23 0.00	33.24 1.78 0.00	45.40 2.06 0.00	41.70 1.95 0.00	29.08 1.38 0.00	26.88 1.26 0.00
POMONA___ESR 323819	19.31 0.72 0.00	18.14 0.67 0.00	17.99 0.65 0.00	17.35 0.61 0.00	19.62 0.67 0.00	21.54 0.83 0.00	25.02 1.04 0.00	33.26 1.62 0.00	23.55 0.90 0.00	20.34 0.70 0.00	24.89 1.06 0.00	23.70 1.09 0.00	23.95 1.08 0.00	26.01 1.09 0.00	27.06 1.10 0.00	26.56 1.20 0.00	30.57 1.80 0.00	37.30 2.57 0.00	39.97 2.26 0.00	33.23 1.78 0.00	45.44 2.10 0.00	41.63 1.88 0.00	28.98 1.28 0.00	26.77 1.14 0.00
PORT_JEFF_3 23555	19.96 1.37 0.00	18.76 1.29 0.00	18.58 1.24 0.00	17.94 1.20 0.00	20.18 1.23 0.00	22.14 1.42 0.00	25.60 1.62 0.00	34.15 2.51 0.00	23.92 1.27 0.00	20.62 0.98 0.00	25.37 1.55 0.00	24.19 1.58 0.00	24.29 1.41 0.00	26.41 1.49 0.00	27.71 1.75 0.00	27.31 1.95 0.00	31.36 2.59 0.00	38.18 3.44 0.00	40.90 3.19 0.00	34.21 2.75 0.00	49.56 3.39 -2.82	62.02 3.14 -19.12	29.77 2.07 0.00	28.50 1.98 -0.90
PORT_JEFF_4 23616	19.96 1.37 0.00	18.76 1.29 0.00	18.58 1.24 0.00	17.94 1.20 0.00	20.18 1.23 0.00	22.14 1.42 0.00	25.60 1.62 0.00	34.15 2.51 0.00	23.92 1.27 0.00	20.62 0.98 0.00	25.37 1.55 0.00	24.19 1.58 0.00	24.29 1.41 0.00	26.41 1.49 0.00	27.71 1.75 0.00	27.31 1.95 0.00	31.36 2.59 0.00	38.18 3.44 0.00	40.90 3.19 0.00	34.21 2.75 0.00	49.56 3.39 -2.82	62.02 3.14 -19.12	29.77 2.07 0.00	28.50 1.98 -0.90
PORT_JEFF_IC 23713	19.96 1.38 0.00	18.76 1.29 0.00	18.58 1.24 0.00	17.94 1.20 0.00	20.18 1.23 0.00	22.14 1.42 0.00	25.60 1.62 0.00	34.15 2.51 0.00	23.89 1.25 0.00	20.60 0.96 0.00	25.34 1.52 0.00	24.16 1.56 0.00	24.30 1.43 0.00	26.42 1.50 0.00	27.73 1.77 0.00	27.32 1.96 0.00	31.37 2.60 0.00	38.15 3.42 0.00	40.87 3.16 0.00	34.23 2.78 0.00	49.58 3.42 -2.82	62.04 3.16 -19.12	29.79 2.09 0.00	28.51 1.99 -0.90
PPL PILGRIM_ST_GT1 24216	19.98 1.40 0.00	18.79 1.32 0.00	18.62 1.28 0.00	17.97 1.23 0.00	20.23 1.27 0.00	22.17 1.46 0.00	25.71 1.73 0.00	34.18 2.54 0.00	24.04 1.39 0.00	20.76 1.12 0.00	25.62 1.79 0.00	24.47 1.86 0.00	24.49 1.61 0.00	26.62 1.70 0.00	27.93 1.97 0.00	27.53 2.16 0.00	31.53 2.75 0.00	38.32 3.58 0.00	41.05 3.34 0.00	34.37 2.91 0.00	49.79 3.63 -2.82	62.20 3.33 -19.12	29.90 2.21 0.00	28.60 2.08 -0.90
PPL PILGRIM_ST_GT2 24217	19.98 1.40 0.00	18.79 1.32 0.00	18.62 1.28 0.00	17.97 1.23 0.00	20.23 1.27 0.00	22.17 1.46 0.00	25.71 1.73 0.00	34.18 2.54 0.00	24.04 1.39 0.00	20.76 1.12 0.00	25.62 1.79 0.00	24.47 1.86 0.00	24.49 1.61 0.00	26.62 1.70 0.00	27.93 1.97 0.00	27.53 2.16 0.00	31.53 2.75 0.00	38.32 3.58 0.00	41.05 3.34 0.00	34.37 2.91 0.00	49.79 3.63 -2.82	62.20 3.33 -19.12	29.90 2.21 0.00	28.60 2.08 -0.90

PPL_SHRM_GT3 24213	19.96 1.38 0.00	18.78 1.31 0.00	18.59 1.25 0.00	17.96 1.22 0.00	20.19 1.24 0.00	22.15 1.44 0.00	25.50 1.52 0.00	34.05 2.41 0.00	23.86 1.21 0.00	20.53 0.89 0.00	25.24 1.41 0.00	24.02 1.41 0.00	24.07 1.19 0.00	26.16 1.24 0.00	27.46 1.50 0.00	27.06 1.69 0.00	31.06 2.29 0.00	37.91 3.17 0.00	40.61 2.90 0.00	33.92 2.46 0.00	49.16 2.99 -2.82	61.67 2.79 -19.12	29.55 1.85 0.00	28.37 1.85 -0.90
PPL_SHRM_GT4 24214	19.96 1.38 0.00	18.78 1.31 0.00	18.59 1.25 0.00	17.96 1.22 0.00	20.19 1.24 0.00	22.15 1.44 0.00	25.50 1.52 0.00	34.05 2.41 0.00	23.86 1.21 0.00	20.53 0.89 0.00	25.24 1.41 0.00	24.02 1.41 0.00	24.07 1.19 0.00	26.16 1.24 0.00	27.46 1.50 0.00	27.06 1.69 0.00	31.06 2.29 0.00	37.91 3.17 0.00	40.61 2.90 0.00	33.92 2.46 0.00	49.16 2.99 -2.82	61.67 2.79 -19.12	29.55 1.85 0.00	28.37 1.85 -0.90
PROJECT___ORANGE 1 24174	18.26 -0.32 0.00	17.15 -0.32 0.00	17.01 -0.33 0.00	16.42 -0.32 0.00	18.61 -0.34 0.00	20.32 -0.39 0.00	23.47 -0.51 0.00	30.93 -0.72 0.00	22.21 -0.44 0.00	19.29 -0.35 0.00	23.45 -0.38 0.00	22.25 -0.36 0.00	22.50 -0.37 0.00	24.51 -0.41 0.00	25.47 -0.48 0.00	24.92 -0.44 0.00	28.41 -0.36 0.00	34.41 -0.33 0.00	37.16 -0.54 0.00	30.96 -0.49 0.00	42.44 -0.90 0.00	38.80 -0.96 0.00	27.03 -0.66 0.00	25.06 -0.56 0.00
PROJECT___ORANGE 2 24166	18.26 -0.32 0.00	17.15 -0.32 0.00	17.01 -0.33 0.00	16.42 -0.32 0.00	18.61 -0.34 0.00	20.32 -0.39 0.00	23.47 -0.51 0.00	30.93 -0.72 0.00	22.21 -0.44 0.00	19.29 -0.35 0.00	23.45 -0.38 0.00	22.25 -0.36 0.00	22.50 -0.37 0.00	24.51 -0.41 0.00	25.47 -0.48 0.00	24.92 -0.44 0.00	28.41 -0.36 0.00	34.41 -0.33 0.00	37.16 -0.54 0.00	30.96 -0.49 0.00	42.44 -0.90 0.00	38.80 -0.96 0.00	27.03 -0.66 0.00	25.06 -0.56 0.00
PUCKETT___SOLAR 323809	18.65 0.07 0.00	17.53 0.06 0.00	17.40 0.06 0.00	16.76 0.02 0.00	18.91 -0.04 0.00	20.67 -0.04 0.00	24.03 0.05 0.00	32.02 0.37 0.00	22.86 0.22 0.00	19.78 0.14 0.00	24.23 0.40 0.00	22.97 0.36 0.00	23.14 0.26 0.00	25.18 0.26 0.00	26.23 0.27 0.00	25.65 0.29 0.00	29.42 0.65 0.00	35.70 0.97 0.00	39.14 0.70 -0.72	32.19 0.64 -0.10	44.06 0.60 -0.11	40.33 0.51 -0.07	28.06 0.36 0.00	25.95 0.32 0.00
PYRITES___HYD 24023	19.07 0.48 0.00	17.96 0.49 0.00	17.85 0.50 0.00	17.26 0.51 0.00	19.63 0.68 0.00	21.45 0.74 0.00	24.93 0.95 0.00	32.71 1.06 0.00	23.43 0.78 0.00	20.37 0.73 0.00	24.51 0.69 0.00	23.29 0.68 0.00	23.50 0.62 0.00	25.69 0.77 0.00	26.70 0.75 0.00	25.85 0.48 0.00	28.89 0.12 0.00	34.62 -0.11 0.00	38.27 0.56 0.00	32.30 0.84 0.00	44.81 1.47 0.00	41.23 1.48 0.00	28.76 1.06 0.00	26.47 0.85 0.00
QUAKERRD_115KV_BK1 80622	17.48 -1.10 0.00	16.38 -1.10 0.00	16.24 -1.11 0.00	15.68 -1.07 0.00	17.75 -1.20 0.00	19.39 -1.32 0.00	22.43 -1.55 0.00	29.67 -1.97 0.00	21.43 -1.22 0.00	18.67 -0.98 0.00	22.68 -1.14 0.00	21.43 -1.18 0.00	21.71 -1.17 0.00	23.67 -1.25 0.00	24.65 -1.30 0.00	24.03 -1.34 0.00	27.38 -1.39 0.00	33.13 -1.60 0.00	35.74 -1.96 0.00	29.81 -1.65 0.00	40.75 -2.60 0.00	37.12 -2.63 0.00	25.99 -1.71 0.00	24.12 -1.51 0.00
QUENSBRY_115KV_TB8 356137	19.54 0.95 0.00	18.39 0.92 0.00	18.34 1.00 0.00	17.75 1.01 0.00	20.16 1.21 0.00	22.13 1.42 0.00	25.86 1.88 0.00	34.21 2.57 0.00	24.33 1.69 0.00	21.02 1.38 0.00	25.54 1.72 0.00	24.20 1.59 0.00	24.50 1.62 0.00	26.77 1.85 0.00	28.05 2.10 0.00	27.49 2.12 0.00	31.47 2.70 0.00	38.37 3.64 0.00	41.38 3.67 0.00	34.25 2.79 0.00	46.76 3.42 0.00	42.53 2.78 0.00	29.51 1.81 0.00	27.23 1.61 0.00
RAMAPO___LBMP 323565	19.24 0.66 0.00	18.09 0.62 0.00	17.93 0.59 0.00	17.30 0.55 0.00	19.56 0.61 0.00	21.46 0.75 0.00	24.94 0.96 0.00	33.14 1.50 0.00	23.47 0.82 0.00	20.27 0.63 0.00	24.80 0.98 0.00	23.62 1.00 0.00	23.86 0.99 0.00	25.92 0.99 0.00	26.95 1.00 0.00	26.46 1.10 0.00	30.44 1.67 0.00	37.15 2.41 0.00	39.79 2.09 0.00	33.10 1.64 0.00	45.26 1.92 0.00	41.47 1.72 0.00	28.86 1.17 0.00	26.67 1.04 0.00
RANKINE____ 23646	17.41 -1.17 0.00	16.27 -1.20 0.00	16.11 -1.23 0.00	15.54 -1.21 0.00	17.58 -1.37 0.00	19.15 -1.56 0.00	22.10 -1.88 0.00	29.34 -2.30 0.00	21.28 -1.37 0.00	18.56 -1.08 0.00	22.63 -1.19 0.00	21.29 -1.32 0.00	21.65 -1.23 0.00	23.69 -1.24 0.00	24.67 -1.28 0.00	23.94 -1.42 0.00	27.43 -1.34 0.00	33.15 -1.59 0.00	35.63 -2.08 0.00	29.77 -1.69 0.00	40.50 -2.84 0.00	36.75 -3.01 0.00	25.90 -1.80 0.00	24.06 -1.56 0.00
RAVENSWOOD_GT2_1 24244	19.40 0.81 0.00	18.21 0.74 0.00	18.05 0.71 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.07 1.09 0.00	33.38 1.74 0.00	23.57 0.93 0.00	20.36 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.02 1.15 0.00	26.06 1.13 0.00	27.11 1.15 0.00	26.63 1.26 0.00	30.61 1.84 0.00	37.36 2.62 0.00	39.97 2.26 0.00	33.28 1.82 0.00	45.45 2.11 0.00	41.76 2.00 0.00	29.11 1.42 0.00	26.93 1.31 0.00
RAVENSWOOD_GT2_2 24245	19.40 0.81 0.00	18.21 0.74 0.00	18.05 0.71 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.07 1.09 0.00	33.38 1.74 0.00	23.57 0.93 0.00	20.36 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.02 1.15 0.00	26.06 1.13 0.00	27.11 1.15 0.00	26.63 1.26 0.00	30.61 1.84 0.00	37.36 2.62 0.00	39.97 2.26 0.00	33.28 1.82 0.00	45.45 2.11 0.00	41.76 2.00 0.00	29.11 1.42 0.00	26.93 1.31 0.00
RAVENSWOOD_GT2_3 24246	19.40 0.81 0.00	18.22 0.75 0.00	18.06 0.72 0.00	17.43 0.68 0.00	19.69 0.74 0.00	21.60 0.89 0.00	25.08 1.10 0.00	33.39 1.75 0.00	23.59 0.94 0.00	20.37 0.73 0.00	24.95 1.13 0.00	23.78 1.17 0.00	24.04 1.16 0.00	26.06 1.14 0.00	27.12 1.16 0.00	26.64 1.27 0.00	30.63 1.86 0.00	37.38 2.64 0.00	40.00 2.29 0.00	33.28 1.83 0.00	45.48 2.14 0.00	41.79 2.03 0.00	29.13 1.43 0.00	26.94 1.32 0.00
RAVENSWOOD_GT2_4 24247	19.40 0.81 0.00	18.22 0.75 0.00	18.06 0.72 0.00	17.43 0.68 0.00	19.69 0.74 0.00	21.60 0.89 0.00	25.08 1.10 0.00	33.39 1.75 0.00	23.59 0.94 0.00	20.37 0.73 0.00	24.95 1.13 0.00	23.78 1.17 0.00	24.04 1.16 0.00	26.06 1.14 0.00	27.12 1.16 0.00	26.64 1.27 0.00	30.63 1.86 0.00	37.38 2.64 0.00	40.00 2.29 0.00	33.28 1.83 0.00	45.48 2.14 0.00	41.79 2.03 0.00	29.13 1.43 0.00	26.94 1.32 0.00
RAVENSWOOD_GT3_1 24248	19.40 0.81 0.00	18.21 0.74 0.00	18.05 0.71 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.07 1.09 0.00	33.38 1.74 0.00	23.58 0.93 0.00	20.36 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.03 1.15 0.00	26.06 1.13 0.00	27.11 1.15 0.00	26.63 1.26 0.00	30.61 1.84 0.00	37.36 2.62 0.00	39.97 2.26 0.00	33.28 1.82 0.00	45.45 2.11 0.00	41.76 2.01 0.00	29.11 1.42 0.00	26.93 1.31 0.00



RAVENSWOOD_GT3_2 24249	19.40 0.81 0.00	18.21 0.74 0.00	18.05 0.71 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.07 1.09 0.00	33.38 1.74 0.00	23.58 0.93 0.00	20.36 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.03 1.15 0.00	26.06 1.13 0.00	27.11 1.15 0.00	26.63 1.26 0.00	30.61 1.84 0.00	37.36 2.62 0.00	39.97 2.26 0.00	33.28 1.82 0.00	45.45 2.11 0.00	41.76 2.01 0.00	29.11 1.42 0.00	26.93 1.31 0.00
RAVENSWOOD_GT3_3 24250	19.42 0.83 0.00	18.24 0.76 0.00	18.08 0.73 0.00	17.44 0.69 0.00	19.71 0.75 0.00	21.62 0.91 0.00	25.10 1.12 0.00	33.43 1.78 0.00	23.61 0.96 0.00	20.39 0.75 0.00	24.98 1.15 0.00	23.80 1.19 0.00	24.07 1.19 0.00	26.10 1.17 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.42 2.69 0.00	40.05 2.34 0.00	33.33 1.87 0.00	45.53 2.19 0.00	41.83 2.07 0.00	29.17 1.47 0.00	26.97 1.35 0.00
RAVENSWOOD_GT3_4 24251	19.42 0.83 0.00	18.24 0.76 0.00	18.08 0.73 0.00	17.44 0.69 0.00	19.71 0.75 0.00	21.62 0.91 0.00	25.10 1.12 0.00	33.43 1.78 0.00	23.61 0.96 0.00	20.39 0.75 0.00	24.98 1.15 0.00	23.80 1.19 0.00	24.07 1.19 0.00	26.10 1.17 0.00	27.15 1.20 0.00	26.67 1.30 0.00	30.66 1.89 0.00	37.42 2.69 0.00	40.05 2.34 0.00	33.33 1.87 0.00	45.53 2.19 0.00	41.83 2.07 0.00	29.17 1.47 0.00	26.97 1.35 0.00
RAVENSWOOD_GT_1 23729	19.42 0.83 0.00	18.24 0.77 0.00	18.08 0.73 0.00	17.44 0.69 0.00	19.70 0.74 0.00	21.60 0.90 0.00	25.10 1.12 0.00	33.43 1.79 0.00	23.60 0.95 0.00	20.39 0.75 0.00	24.98 1.16 0.00	23.80 1.19 0.00	24.07 1.20 0.00	26.10 1.18 0.00	27.15 1.19 0.00	26.67 1.30 0.00	30.65 1.88 0.00	37.40 2.67 0.00	40.00 2.29 0.00	33.31 1.85 0.00	45.49 2.15 0.00	41.78 2.03 0.00	29.12 1.43 0.00	26.94 1.32 0.00
RAVENSWOOD_GT_10 24258	19.40 0.81 0.00	18.21 0.74 0.00	18.05 0.71 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.07 1.09 0.00	33.38 1.74 0.00	23.57 0.92 0.00	20.36 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.02 1.15 0.00	26.05 1.13 0.00	27.11 1.15 0.00	26.63 1.26 0.00	30.61 1.84 0.00	37.36 2.62 0.00	39.98 2.27 0.00	33.28 1.82 0.00	45.45 2.11 0.00	41.76 2.01 0.00	29.11 1.42 0.00	26.93 1.31 0.00
RAVENSWOOD_GT_11 24259	19.40 0.81 0.00	18.21 0.74 0.00	18.05 0.71 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.07 1.09 0.00	33.38 1.74 0.00	23.57 0.92 0.00	20.36 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.02 1.15 0.00	26.05 1.13 0.00	27.11 1.15 0.00	26.63 1.26 0.00	30.61 1.84 0.00	37.36 2.62 0.00	39.98 2.27 0.00	33.28 1.82 0.00	45.45 2.11 0.00	41.76 2.01 0.00	29.11 1.42 0.00	26.93 1.31 0.00
RAVENSWOOD_GT_4 24252	19.39 0.81 0.00	18.21 0.74 0.00	18.05 0.70 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.06 1.08 0.00	33.37 1.73 0.00	23.57 0.92 0.00	20.36 0.71 0.00	24.92 1.10 0.00	23.76 1.15 0.00	24.01 1.14 0.00	26.04 1.12 0.00	27.09 1.14 0.00	26.62 1.25 0.00	30.60 1.83 0.00	37.35 2.62 0.00	39.97 2.26 0.00	33.27 1.82 0.00	45.44 2.10 0.00	41.76 2.00 0.00	29.11 1.42 0.00	26.93 1.31 0.00
RAVENSWOOD_GT_5 24254	19.39 0.81 0.00	18.21 0.74 0.00	18.05 0.70 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.06 1.08 0.00	33.37 1.73 0.00	23.57 0.92 0.00	20.36 0.71 0.00	24.92 1.10 0.00	23.76 1.15 0.00	24.01 1.14 0.00	26.04 1.12 0.00	27.09 1.14 0.00	26.62 1.25 0.00	30.60 1.83 0.00	37.35 2.62 0.00	39.97 2.26 0.00	33.27 1.82 0.00	45.44 2.10 0.00	41.76 2.00 0.00	29.11 1.42 0.00	26.93 1.31 0.00
RAVENSWOOD_GT_6 24253	19.39 0.81 0.00	18.21 0.74 0.00	18.05 0.70 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.06 1.08 0.00	33.37 1.73 0.00	23.57 0.92 0.00	20.36 0.71 0.00	24.92 1.10 0.00	23.76 1.15 0.00	24.01 1.14 0.00	26.04 1.12 0.00	27.09 1.14 0.00	26.62 1.25 0.00	30.60 1.83 0.00	37.35 2.62 0.00	39.97 2.26 0.00	33.27 1.82 0.00	45.44 2.10 0.00	41.76 2.00 0.00	29.11 1.42 0.00	26.93 1.31 0.00
RAVENSWOOD_GT_7 24255	19.39 0.81 0.00	18.21 0.74 0.00	18.05 0.70 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.06 1.08 0.00	33.37 1.73 0.00	23.57 0.92 0.00	20.36 0.71 0.00	24.92 1.10 0.00	23.76 1.15 0.00	24.01 1.14 0.00	26.04 1.12 0.00	27.09 1.14 0.00	26.62 1.25 0.00	30.60 1.83 0.00	37.35 2.62 0.00	39.97 2.26 0.00	33.27 1.82 0.00	45.44 2.10 0.00	41.76 2.00 0.00	29.11 1.42 0.00	26.93 1.31 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.40 0.81 0.00	18.21 0.74 0.00	18.05 0.71 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.07 1.09 0.00	33.38 1.74 0.00	23.57 0.92 0.00	20.36 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.02 1.15 0.00	26.05 1.13 0.00	27.11 1.15 0.00	26.63 1.26 0.00	30.61 1.84 0.00	37.36 2.62 0.00	39.98 2.27 0.00	33.28 1.82 0.00	45.45 2.11 0.00	41.76 2.01 0.00	29.11 1.42 0.00	26.93 1.31 0.00
RAVENSWOOD_GT_9 24257	19.40 0.81 0.00	18.21 0.74 0.00	18.05 0.71 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.07 1.09 0.00	33.38 1.74 0.00	23.57 0.92 0.00	20.36 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.02 1.15 0.00	26.05 1.13 0.00	27.11 1.15 0.00	26.63 1.26 0.00	30.61 1.84 0.00	37.36 2.62 0.00	39.98 2.27 0.00	33.28 1.82 0.00	45.45 2.11 0.00	41.76 2.01 0.00	29.11 1.42 0.00	26.93 1.31 0.00
RAVENSWOOD___1 23533	19.42 0.84 0.00	18.24 0.77 0.00	18.08 0.74 0.00	17.44 0.69 0.00	19.70 0.74 0.00	21.60 0.89 0.00	25.10 1.12 0.00	33.43 1.78 0.00	23.60 0.95 0.00	20.39 0.75 0.00	24.98 1.16 0.00	23.80 1.19 0.00	24.07 1.20 0.00	26.10 1.18 0.00	27.15 1.19 0.00	26.66 1.29 0.00	30.65 1.88 0.00	37.40 2.67 0.00	40.01 2.30 0.00	33.30 1.85 0.00	45.49 2.15 0.00	41.77 2.02 0.00	29.12 1.43 0.00	26.94 1.32 0.00
RAVENSWOOD___2 23534	19.42 0.84 0.00	18.24 0.77 0.00	18.08 0.74 0.00	17.44 0.69 0.00	19.70 0.74 0.00	21.60 0.89 0.00	25.10 1.12 0.00	33.43 1.78 0.00	23.60 0.95 0.00	20.39 0.75 0.00	24.98 1.16 0.00	23.80 1.19 0.00	24.07 1.20 0.00	26.10 1.18 0.00	27.15 1.19 0.00	26.66 1.29 0.00	30.65 1.88 0.00	37.40 2.67 0.00	40.01 2.30 0.00	33.30 1.85 0.00	45.49 2.15 0.00	41.77 2.02 0.00	29.12 1.43 0.00	26.94 1.32 0.00
RAVENSWOOD___3 23535	19.40 0.81 0.00	18.21 0.74 0.00	18.06 0.71 0.00	17.42 0.67 0.00	19.68 0.73 0.00	21.59 0.88 0.00	25.07 1.09 0.00	33.38 1.73 0.00	23.58 0.93 0.00	20.36 0.72 0.00	24.93 1.11 0.00	23.77 1.16 0.00	24.03 1.15 0.00	26.06 1.13 0.00	27.11 1.15 0.00	26.63 1.26 0.00	30.61 1.84 0.00	37.36 2.63 0.00	39.98 2.27 0.00	33.27 1.82 0.00	45.45 2.11 0.00	41.76 2.01 0.00	29.11 1.42 0.00	26.93 1.31 0.00

RAVENSWOOD___4 23820	19.42 0.84 0.00	18.24 0.77 0.00	18.08 0.74 0.00	17.44 0.69 0.00	19.70 0.74 0.00	21.60 0.89 0.00	25.10 1.12 0.00	33.43 1.78 0.00	23.60 0.95 0.00	20.39 0.75 0.00	24.98 1.16 0.00	23.80 1.19 0.00	24.07 1.20 0.00	26.10 1.18 0.00	27.15 1.19 0.00	26.66 1.29 0.00	30.65 1.88 0.00	37.40 2.67 0.00	40.01 2.30 0.00	33.30 1.85 0.00	45.49 2.15 0.00	41.77 2.02 0.00	29.12 1.43 0.00	26.94 1.32 0.00
RCPI_TRUST___DRP 24196	19.41 0.83 0.00	18.23 0.75 0.00	18.06 0.72 0.00	17.43 0.69 0.00	19.70 0.74 0.00	21.60 0.90 0.00	25.08 1.11 0.00	33.44 1.80 0.00	23.62 0.97 0.00	20.41 0.77 0.00	25.00 1.18 0.00	23.84 1.23 0.00	24.11 1.24 0.00	26.14 1.22 0.00	27.20 1.25 0.00	26.72 1.36 0.00	30.72 1.95 0.00	37.51 2.78 0.00	40.12 2.41 0.00	33.37 1.92 0.00	45.59 2.25 0.00	41.86 2.11 0.00	29.16 1.47 0.00	26.96 1.34 0.00
RED___ROCHESTER 323720	17.86 -0.72 0.00	16.72 -0.75 0.00	16.54 -0.80 0.00	15.99 -0.76 0.00	18.11 -0.85 0.00	19.77 -0.94 0.00	22.88 -1.10 0.00	30.33 -1.32 0.00	21.94 -0.71 0.00	19.12 -0.52 0.00	23.26 -0.57 0.00	21.94 -0.67 0.00	22.23 -0.64 0.00	24.27 -0.66 0.00	25.27 -0.68 0.00	24.62 -0.75 0.00	28.07 -0.70 0.00	33.98 -0.75 0.00	35.20 -1.06 1.46	30.36 -0.90 0.19	41.49 -1.62 0.23	37.81 -1.80 0.13	26.60 -1.10 0.00	24.67 -0.96 0.00
REGAN___SOLAR 323812	20.39 1.81 0.00	19.12 1.65 0.00	18.96 1.62 0.00	18.29 1.54 0.00	20.71 1.76 0.00	22.82 2.11 0.00	26.64 2.66 0.00	35.33 3.68 0.00	25.20 2.55 0.00	21.25 1.61 0.00	24.99 1.17 0.00	23.99 1.38 0.00	24.74 1.86 0.00	27.48 2.56 0.00	28.71 2.76 0.00	28.18 2.81 0.00	32.31 3.54 0.00	39.12 4.38 0.00	42.36 4.65 0.00	35.32 3.87 0.00	48.48 5.14 0.00	44.26 4.51 0.00	30.71 3.01 0.00	28.28 2.66 0.00
RENSSELAER___COGEN 23796	18.73 0.15 0.00	17.66 0.18 0.00	17.54 0.20 0.00	16.94 0.20 0.00	19.12 0.17 0.00	20.89 0.18 0.00	24.21 0.23 0.00	32.02 0.37 0.00	22.80 0.15 0.00	19.73 0.09 0.00	24.00 0.17 0.00	22.80 0.19 0.00	23.08 0.20 0.00	25.18 0.26 0.00	26.29 0.33 0.00	25.79 0.42 0.00	29.41 0.64 0.00	35.76 1.02 0.00	38.61 0.90 0.00	32.04 0.59 0.00	43.96 0.62 0.00	40.17 0.41 0.00	27.93 0.23 0.00	25.80 0.18 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.09 1.51 0.00	18.94 1.47 0.00	18.88 1.54 0.00	18.24 1.49 0.00	20.82 1.87 0.00	22.94 2.23 0.00	27.03 3.05 0.00	35.51 3.86 0.00	25.24 2.59 0.00	21.75 2.11 0.00	26.50 2.67 0.00	25.12 2.51 0.00	25.34 2.46 0.00	27.84 2.92 0.00	29.36 3.40 0.00	28.85 3.48 0.00	33.08 4.31 0.00	40.43 5.69 0.00	43.40 5.70 0.00	35.69 4.23 0.00	48.29 4.94 0.00	43.75 4.00 0.00	30.37 2.67 0.00	28.05 2.42 0.00
REVERE_CPPR_DRP 24186	19.08 0.49 0.00	17.89 0.42 0.00	17.79 0.45 0.00	17.14 0.39 0.00	19.48 0.53 0.00	21.25 0.54 0.00	24.75 0.77 0.00	32.78 1.14 0.00	23.55 0.90 0.00	20.44 0.80 0.00	24.87 1.04 0.00	23.62 1.01 0.00	23.83 0.96 0.00	25.98 1.05 0.00	27.06 1.10 0.00	26.44 1.07 0.00	30.20 1.43 0.00	36.51 1.78 0.00	39.33 1.62 0.00	32.86 1.41 0.00	45.23 1.89 0.00	41.42 1.67 0.00	28.73 1.04 0.00	26.52 0.89 0.00
REYNOLDS_115KV_TB3 80639	18.86 0.28 0.00	17.77 0.30 0.00	17.66 0.31 0.00	17.06 0.31 0.00	19.27 0.32 0.00	21.05 0.34 0.00	24.39 0.40 0.00	32.24 0.60 0.00	22.95 0.30 0.00	19.87 0.23 0.00	24.16 0.33 0.00	22.95 0.34 0.00	23.23 0.35 0.00	25.36 0.43 0.00	26.48 0.52 0.00	25.98 0.61 0.00	29.61 0.84 0.00	36.04 1.30 0.00	38.89 1.19 0.00	32.26 0.80 0.00	44.27 0.92 0.00	40.43 0.67 0.00	28.13 0.43 0.00	25.98 0.36 0.00
RIVERBAY____ 323610	19.50 0.92 0.00	18.34 0.87 0.00	18.18 0.83 0.00	17.54 0.79 0.00	19.82 0.87 0.00	21.76 1.05 0.00	25.30 1.32 0.00	33.67 2.03 0.00	23.78 1.13 0.00	20.54 0.90 0.00	25.18 1.35 0.00	23.95 1.33 0.00	24.20 1.33 0.00	26.21 1.29 0.00	27.25 1.29 0.00	26.80 1.44 0.00	30.87 2.10 0.00	37.68 2.95 0.00	40.28 2.57 0.00	33.58 2.12 0.00	45.83 2.49 0.00	42.08 2.32 0.00	29.34 1.64 0.00	27.12 1.49 0.00
RIVERSDE_115KV_TB3 55908	18.81 0.23 0.00	17.73 0.26 0.00	17.60 0.26 0.00	17.01 0.26 0.00	19.21 0.26 0.00	20.99 0.28 0.00	24.31 0.33 0.00	32.17 0.52 0.00	22.90 0.26 0.00	19.83 0.18 0.00	24.10 0.28 0.00	22.90 0.29 0.00	23.18 0.31 0.00	25.30 0.38 0.00	26.42 0.47 0.00	25.92 0.55 0.00	29.56 0.78 0.00	35.96 1.22 0.00	38.80 1.09 0.00	32.19 0.74 0.00	44.17 0.82 0.00	40.34 0.59 0.00	28.05 0.36 0.00	25.91 0.29 0.00
ROARING___BROOK_WT_PWR 323790	18.39 -0.20 0.00	17.34 -0.14 0.00	17.16 -0.19 0.00	16.60 -0.15 0.00	18.84 -0.11 0.00	20.57 -0.14 0.00	23.81 -0.17 0.00	31.49 -0.15 0.00	22.58 -0.07 0.00	19.59 -0.05 0.00	23.70 -0.12 0.00	22.49 -0.12 0.00	22.71 -0.16 0.00	24.73 -0.19 0.00	25.72 -0.23 0.00	25.05 -0.32 0.00	28.33 -0.44 0.00	33.97 -0.76 0.00	36.94 -0.77 0.00	30.96 -0.49 0.00	43.16 -0.19 0.00	39.85 0.10 0.00	27.69 0.00 0.00	25.61 -0.02 0.00
ROCHESRG_115KV_T4 355643	17.69 -0.90 0.00	16.55 -0.92 0.00	16.40 -0.94 0.00	15.83 -0.92 0.00	17.93 -1.03 0.00	19.56 -1.15 0.00	22.61 -1.37 0.00	29.94 -1.70 0.00	21.65 -1.00 0.00	18.88 -0.77 0.00	22.94 -0.88 0.00	21.65 -0.96 0.00	21.93 -0.94 0.00	23.94 -0.98 0.00	24.93 -1.03 0.00	24.28 -1.08 0.00	27.67 -1.10 0.00	33.49 -1.25 0.00	36.10 -1.60 0.00	30.11 -1.35 0.00	41.14 -2.21 0.00	37.44 -2.31 0.00	26.27 -1.43 0.00	24.39 -1.24 0.00
ROCHESTER_9_IC 23652	17.78 -0.80 0.00	16.64 -0.83 0.00	16.49 -0.85 0.00	15.92 -0.83 0.00	18.03 -0.92 0.00	19.68 -1.03 0.00	22.76 -1.22 0.00	30.15 -1.49 0.00	21.81 -0.84 0.00	19.01 -0.63 0.00	23.12 -0.71 0.00	21.81 -0.80 0.00	22.11 -0.77 0.00	24.12 -0.80 0.00	25.13 -0.83 0.00	24.47 -0.90 0.00	27.89 -0.88 0.00	33.75 -0.98 0.00	36.40 -1.31 0.00	30.35 -1.10 0.00	41.46 -1.89 0.00	37.72 -2.04 0.00	26.45 -1.25 0.00	24.54 -1.09 0.00
ROCKVIEW_13_KV_LD 356306	19.42 0.83 0.00	18.24 0.77 0.00	18.08 0.74 0.00	17.45 0.70 0.00	19.72 0.77 0.00	21.63 0.92 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.65 1.00 0.00	20.43 0.79 0.00	25.02 1.19 0.00	23.82 1.21 0.00	24.09 1.22 0.00	26.15 1.23 0.00	27.22 1.27 0.00	26.74 1.37 0.00	30.74 1.97 0.00	37.51 2.78 0.00	40.18 2.47 0.00	33.43 1.98 0.00	45.67 2.33 0.00	41.88 2.13 0.00	29.15 1.45 0.00	26.94 1.32 0.00
ROME____115KV_TB2 80656	19.08 0.49 0.00	17.89 0.42 0.00	17.79 0.45 0.00	17.14 0.39 0.00	19.48 0.53 0.00	21.25 0.54 0.00	24.75 0.77 0.00	32.78 1.14 0.00	23.55 0.90 0.00	20.44 0.80 0.00	24.87 1.04 0.00	23.62 1.01 0.00	23.83 0.96 0.00	25.98 1.05 0.00	27.06 1.10 0.00	26.44 1.07 0.00	30.20 1.43 0.00	36.51 1.78 0.00	39.33 1.62 0.00	32.86 1.41 0.00	45.23 1.89 0.00	41.42 1.67 0.00	28.73 1.04 0.00	26.52 0.89 0.00

ROSETON___1 23587	19.22 0.63 0.00	18.06 0.58 0.00	17.92 0.58 0.00	17.29 0.54 0.00	19.55 0.60 0.00	21.44 0.73 0.00	24.88 0.90 0.00	33.04 1.40 0.00	23.41 0.76 0.00	20.24 0.60 0.00	24.76 0.94 0.00	23.56 0.95 0.00	23.82 0.94 0.00	25.88 0.96 0.00	26.94 0.98 0.00	26.45 1.08 0.00	30.36 1.60 0.00	37.02 2.29 0.00	39.73 2.02 0.00	33.04 1.58 0.00	45.17 1.83 0.00	41.38 1.63 0.00	28.79 1.10 0.00	26.61 0.99 0.00
ROSETON___2 23588	19.22 0.63 0.00	18.06 0.58 0.00	17.92 0.58 0.00	17.29 0.54 0.00	19.55 0.60 0.00	21.44 0.73 0.00	24.88 0.90 0.00	33.04 1.40 0.00	23.41 0.76 0.00	20.24 0.60 0.00	24.76 0.94 0.00	23.56 0.95 0.00	23.82 0.94 0.00	25.88 0.96 0.00	26.94 0.98 0.00	26.45 1.08 0.00	30.36 1.60 0.00	37.02 2.29 0.00	39.73 2.02 0.00	33.04 1.58 0.00	45.17 1.83 0.00	41.38 1.63 0.00	28.79 1.10 0.00	26.61 0.99 0.00
ROTTTRDAM_115KV_TB3 80664	19.03 0.44 0.00	17.89 0.42 0.00	17.78 0.43 0.00	17.18 0.43 0.00	19.44 0.49 0.00	21.27 0.56 0.00	24.68 0.70 0.00	32.64 1.01 0.00	23.27 0.62 0.00	20.13 0.49 0.00	24.46 0.63 0.00	23.21 0.60 0.00	23.50 0.63 0.00	25.64 0.72 0.00	26.76 0.80 0.00	26.23 0.86 0.00	29.92 1.15 0.00	36.35 1.61 0.00	39.26 1.55 0.00	32.64 1.19 0.00	44.78 1.44 0.00	40.93 1.18 0.00	28.47 0.77 0.00	26.31 0.68 0.00
RUSSELL___1 23602	17.86 -0.72 0.00	16.71 -0.76 0.00	16.56 -0.78 0.00	15.98 -0.77 0.00	18.10 -0.85 0.00	19.77 -0.94 0.00	22.88 -1.10 0.00	30.32 -1.32 0.00	21.94 -0.71 0.00	19.12 -0.52 0.00	23.26 -0.57 0.00	21.94 -0.67 0.00	22.23 -0.64 0.00	24.27 -0.66 0.00	25.27 -0.68 0.00	24.61 -0.76 0.00	28.06 -0.70 0.00	33.98 -0.75 0.00	36.65 -1.06 0.00	30.56 -0.90 0.00	41.72 -1.62 0.00	37.94 -1.81 0.00	26.60 -1.10 0.00	24.67 -0.96 0.00
RUSSELL___2 23532	17.86 -0.72 0.00	16.71 -0.76 0.00	16.56 -0.78 0.00	15.98 -0.77 0.00	18.10 -0.85 0.00	19.77 -0.94 0.00	22.88 -1.10 0.00	30.32 -1.32 0.00	21.94 -0.71 0.00	19.12 -0.52 0.00	23.26 -0.57 0.00	21.94 -0.67 0.00	22.23 -0.64 0.00	24.27 -0.66 0.00	25.27 -0.68 0.00	24.61 -0.76 0.00	28.06 -0.70 0.00	33.98 -0.75 0.00	36.65 -1.06 0.00	30.56 -0.90 0.00	41.72 -1.62 0.00	37.94 -1.81 0.00	26.60 -1.10 0.00	24.67 -0.96 0.00
RUSSELL___3 23549	17.86 -0.72 0.00	16.71 -0.76 0.00	16.56 -0.78 0.00	15.98 -0.77 0.00	18.10 -0.85 0.00	19.77 -0.94 0.00	22.88 -1.10 0.00	30.32 -1.32 0.00	21.94 -0.71 0.00	19.12 -0.52 0.00	23.26 -0.57 0.00	21.94 -0.67 0.00	22.23 -0.64 0.00	24.27 -0.66 0.00	25.27 -0.68 0.00	24.61 -0.76 0.00	28.06 -0.70 0.00	33.98 -0.75 0.00	36.65 -1.06 0.00	30.56 -0.90 0.00	41.72 -1.62 0.00	37.94 -1.81 0.00	26.60 -1.10 0.00	24.67 -0.96 0.00
RUSSELL___4 23556	17.86 -0.72 0.00	16.71 -0.76 0.00	16.56 -0.78 0.00	15.98 -0.77 0.00	18.10 -0.85 0.00	19.77 -0.94 0.00	22.88 -1.10 0.00	30.32 -1.32 0.00	21.94 -0.71 0.00	19.12 -0.52 0.00	23.26 -0.57 0.00	21.94 -0.67 0.00	22.23 -0.64 0.00	24.27 -0.66 0.00	25.27 -0.68 0.00	24.61 -0.76 0.00	28.06 -0.70 0.00	33.98 -0.75 0.00	36.65 -1.06 0.00	30.56 -0.90 0.00	41.72 -1.62 0.00	37.94 -1.81 0.00	26.60 -1.10 0.00	24.67 -0.96 0.00
RUSSELL___STATION 23914	17.86 -0.72 0.00	16.71 -0.76 0.00	16.56 -0.78 0.00	15.98 -0.77 0.00	18.10 -0.85 0.00	19.77 -0.94 0.00	22.88 -1.10 0.00	30.32 -1.32 0.00	21.94 -0.71 0.00	19.12 -0.52 0.00	23.26 -0.57 0.00	21.94 -0.67 0.00	22.23 -0.64 0.00	24.27 -0.66 0.00	25.27 -0.68 0.00	24.61 -0.76 0.00	28.06 -0.70 0.00	33.98 -0.75 0.00	36.65 -1.06 0.00	30.56 -0.90 0.00	41.72 -1.62 0.00	37.94 -1.81 0.00	26.60 -1.10 0.00	24.67 -0.96 0.00
S SALMON___HYD 24043	18.01 -0.57 0.00	16.87 -0.60 0.00	16.79 -0.55 0.00	16.17 -0.58 0.00	18.42 -0.53 0.00	20.01 -0.70 0.00	23.20 -0.78 0.00	30.62 -1.02 0.00	22.05 -0.60 0.00	19.15 -0.49 0.00	23.26 -0.56 0.00	22.11 -0.50 0.00	22.27 -0.60 0.00	24.29 -0.63 0.00	25.26 -0.70 0.00	24.66 -0.71 0.00	28.07 -0.70 0.00	33.98 -0.76 0.00	36.69 -1.02 0.00	30.70 -0.75 0.00	42.30 -1.04 0.00	38.80 -0.95 0.00	26.97 -0.73 0.00	24.97 -0.65 0.00
S.PERRY___115KV_TB1 80734	17.93 -0.65 0.00	16.80 -0.67 0.00	16.60 -0.74 0.00	16.05 -0.70 0.00	18.21 -0.74 0.00	19.94 -0.78 0.00	23.15 -0.83 0.00	30.90 -0.75 -0.01	22.31 -0.34 0.00	19.40 -0.25 0.00	23.57 -0.25 0.00	22.18 -0.43 0.00	22.45 -0.42 0.00	24.52 -0.40 0.00	25.54 -0.42 0.00	24.95 -0.42 0.00	28.67 -0.09 0.00	35.05 0.31 0.00	37.76 0.05 0.00	31.46 0.00 0.00	42.84 -0.50 0.00	38.93 -0.82 0.00	27.21 -0.48 0.00	25.10 -0.52 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.21 -1.38 0.00	16.07 -1.40 0.00	15.91 -1.44 0.00	15.34 -1.41 0.00	17.35 -1.60 0.00	18.89 -1.82 0.00	21.78 -2.20 0.00	28.88 -2.76 0.00	20.98 -1.67 0.00	18.31 -1.33 0.00	22.28 -1.55 0.00	20.95 -1.66 0.00	21.28 -1.59 0.00	23.27 -1.64 0.00	24.27 -1.68 0.00	23.56 -1.81 0.00	26.91 -1.86 0.00	32.49 -2.24 0.00	34.96 -2.75 0.00	29.22 -2.24 0.00	39.77 -3.57 0.00	36.08 -3.67 0.00	25.48 -2.22 0.00	23.71 -1.92 0.00
SAWYER___23_KV_LOAD 55526	17.21 -1.38 0.00	16.07 -1.40 0.00	15.91 -1.44 0.00	15.34 -1.41 0.00	17.35 -1.60 0.00	18.89 -1.82 0.00	21.78 -2.20 0.00	28.88 -2.76 0.00	20.98 -1.67 0.00	18.31 -1.33 0.00	22.28 -1.55 0.00	20.95 -1.66 0.00	21.28 -1.59 0.00	23.27 -1.64 0.00	24.27 -1.68 0.00	23.56 -1.81 0.00	26.91 -1.86 0.00	32.49 -2.24 0.00	34.96 -2.75 0.00	29.22 -2.24 0.00	39.77 -3.57 0.00	36.08 -3.67 0.00	25.48 -2.22 0.00	23.71 -1.92 0.00
SELKIRK___I 23801	18.86 0.28 0.00	17.78 0.31 0.00	17.66 0.32 0.00	17.06 0.31 0.00	19.28 0.33 0.00	21.06 0.35 0.00	24.42 0.44 0.00	32.28 0.63 0.00	23.00 0.35 0.00	19.88 0.23 0.00	24.15 0.33 0.00	22.94 0.33 0.00	23.22 0.35 0.00	25.36 0.44 0.00	26.50 0.54 0.00	25.98 0.61 0.00	29.62 0.85 0.00	35.96 1.23 0.00	38.87 1.16 0.00	32.26 0.81 0.00	44.28 0.94 0.00	40.49 0.74 0.00	28.18 0.48 0.00	26.03 0.41 0.00
SELKIRK___II 23799	18.81 0.22 0.00	17.71 0.24 0.00	17.59 0.25 0.00	16.99 0.24 0.00	19.20 0.24 0.00	20.98 0.27 0.00	24.32 0.33 0.00	32.17 0.52 0.00	22.91 0.26 0.00	19.82 0.18 0.00	24.11 0.28 0.00	22.90 0.29 0.00	23.18 0.31 0.00	25.28 0.36 0.00	26.38 0.43 0.00	25.88 0.51 0.00	29.52 0.75 0.00	35.86 1.13 0.00	38.73 1.02 0.00	32.16 0.71 0.00	44.13 0.79 0.00	40.34 0.59 0.00	28.07 0.37 0.00	25.94 0.31 0.00
SENECA OSWGO___HYD 24041	18.09 -0.50 0.00	16.98 -0.49 0.00	16.84 -0.50 0.00	16.26 -0.49 0.00	18.42 -0.53 0.00	20.12 -0.59 0.00	23.24 -0.74 0.00	30.63 -1.02 0.00	22.01 -0.64 0.00	19.12 -0.52 0.00	23.20 -0.62 0.00	22.03 -0.58 0.00	22.28 -0.60 0.00	24.26 -0.66 0.00	25.21 -0.75 0.00	24.67 -0.70 0.00	28.11 -0.66 0.00	34.05 -0.69 0.00	36.81 -0.90 0.00	30.66 -0.79 0.00	42.06 -1.29 0.00	38.44 -1.31 0.00	26.78 -0.91 0.00	24.84 -0.78 0.00

SENECA___115KV_TB3 355854	17.44 -1.14 0.00	16.30 -1.17 0.00	16.14 -1.21 0.00	15.56 -1.18 0.00	17.61 -1.34 0.00	19.18 -1.53 0.00	22.15 -1.83 0.00	29.40 -2.24 0.00	21.32 -1.33 0.00	18.60 -1.04 0.00	22.68 -1.15 0.00	21.34 -1.27 0.00	21.69 -1.18 0.00	23.73 -1.19 0.00	24.73 -1.23 0.00	23.99 -1.38 0.00	27.49 -1.28 0.00	33.22 -1.52 0.00	35.70 -2.01 0.00	29.83 -1.63 0.00	40.58 -2.76 0.00	36.82 -2.93 0.00	25.95 -1.75 0.00	24.11 -1.52 0.00
SENECA___ENERGY 23797	18.08 -0.51 0.00	16.95 -0.53 0.00	16.82 -0.52 0.00	16.26 -0.49 0.00	18.39 -0.57 0.00	20.12 -0.59 0.00	23.33 -0.65 0.00	30.91 -0.74 0.00	22.20 -0.45 0.00	19.32 -0.33 0.00	23.54 -0.29 0.00	22.27 -0.34 0.00	22.52 -0.35 0.00	24.55 -0.38 0.00	25.53 -0.43 0.00	24.93 -0.44 0.00	28.44 -0.33 0.00	34.56 -0.17 0.00	37.28 -0.43 0.00	31.08 -0.37 0.00	42.44 -0.90 0.00	38.76 -1.00 0.00	27.08 -0.62 0.00	25.08 -0.55 0.00
SHOEMAKER___GT 23640	19.12 0.54 0.00	17.97 0.49 0.00	17.83 0.49 0.00	17.20 0.46 0.00	19.45 0.50 0.00	21.33 0.62 0.00	24.76 0.78 0.00	32.87 1.23 0.00	23.32 0.68 0.00	20.15 0.51 0.00	24.63 0.80 0.00	23.44 0.83 0.00	23.68 0.81 0.00	25.75 0.83 0.00	26.79 0.84 0.00	26.31 0.94 0.00	30.20 1.43 0.00	36.79 2.05 0.00	39.53 1.82 0.00	32.90 1.45 0.00	45.01 1.67 0.00	41.22 1.47 0.00	28.67 0.97 0.00	26.50 0.87 0.00
SHOEMAKR_138KV_BK 111 55601	19.13 0.54 0.00	17.97 0.50 0.00	17.83 0.49 0.00	17.21 0.46 0.00	19.45 0.50 0.00	21.33 0.62 0.00	24.76 0.78 0.00	32.88 1.23 0.00	23.32 0.68 0.00	20.16 0.52 0.00	24.63 0.81 0.00	23.45 0.84 0.00	23.69 0.82 0.00	25.76 0.84 0.00	26.80 0.84 0.00	26.31 0.94 0.00	30.20 1.43 0.00	36.79 2.06 0.00	39.52 1.82 0.00	32.89 1.43 0.00	44.99 1.65 0.00	41.21 1.45 0.00	28.67 0.97 0.00	26.50 0.87 0.00
SHOREHAM_IC_1 23715	19.96 1.38 0.00	18.78 1.31 0.00	18.59 1.25 0.00	17.96 1.22 0.00	20.19 1.24 0.00	22.15 1.44 0.00	25.50 1.52 0.00	34.05 2.41 0.00	23.86 1.21 0.00	20.53 0.89 0.00	25.24 1.41 0.00	24.02 1.41 0.00	24.07 1.19 0.00	26.16 1.24 0.00	27.46 1.50 0.00	27.06 1.69 0.00	31.06 2.29 0.00	37.91 3.17 0.00	40.61 2.90 0.00	33.92 2.46 0.00	49.16 2.99 -2.82	61.67 2.79 -19.12	29.55 1.85 0.00	28.37 1.85 -0.90
SHOREHAM_IC_2 23716	19.96 1.38 0.00	18.78 1.31 0.00	18.59 1.25 0.00	17.96 1.22 0.00	20.19 1.24 0.00	22.15 1.44 0.00	25.50 1.52 0.00	34.05 2.41 0.00	23.86 1.21 0.00	20.53 0.89 0.00	25.24 1.41 0.00	24.02 1.41 0.00	24.07 1.19 0.00	26.16 1.24 0.00	27.46 1.50 0.00	27.06 1.69 0.00	31.06 2.29 0.00	37.91 3.17 0.00	40.61 2.90 0.00	33.92 2.46 0.00	49.16 2.99 -2.82	61.67 2.79 -19.12	29.55 1.85 0.00	28.37 1.85 -0.90
SISSONVILLE____ 23735	18.61 0.03 0.00	17.51 0.04 0.00	17.41 0.07 0.00	16.82 0.07 0.00	19.10 0.14 0.00	20.77 0.06 0.00	24.05 0.07 0.00	31.51 -0.13 0.00	22.66 0.01 0.00	19.69 0.04 0.00	23.69 -0.13 0.00	22.55 -0.06 0.00	22.67 -0.21 0.00	24.73 -0.18 0.00	25.79 -0.16 0.00	24.97 -0.40 0.00	27.92 -0.85 0.00	33.42 -1.32 0.00	36.77 -0.94 0.00	30.98 -0.47 0.00	43.12 -0.22 0.00	39.75 0.00 0.00	27.77 0.07 0.00	25.59 -0.04 0.00
SITHE_IND_GS1 24169	17.96 -0.62 0.00	16.88 -0.59 0.00	16.74 -0.60 0.00	16.17 -0.58 0.00	18.31 -0.65 0.00	19.98 -0.73 0.00	23.05 -0.94 0.00	30.31 -1.33 0.00	21.78 -0.86 0.00	18.94 -0.70 0.00	22.96 -0.86 0.00	21.79 -0.82 0.00	22.04 -0.84 0.00	23.99 -0.93 0.00	24.92 -1.04 0.00	24.37 -0.99 0.00	27.74 -1.03 0.00	33.55 -1.18 0.00	36.30 -1.40 0.00	30.27 -1.18 0.00	41.55 -1.80 0.00	38.02 -1.73 0.00	26.53 -1.17 0.00	24.63 -0.99 0.00
SITHE_IND_GS2 24170	17.96 -0.62 0.00	16.88 -0.59 0.00	16.74 -0.60 0.00	16.17 -0.58 0.00	18.31 -0.65 0.00	19.98 -0.73 0.00	23.05 -0.94 0.00	30.31 -1.33 0.00	21.78 -0.86 0.00	18.94 -0.70 0.00	22.96 -0.86 0.00	21.79 -0.82 0.00	22.04 -0.84 0.00	23.99 -0.93 0.00	24.92 -1.04 0.00	24.37 -0.99 0.00	27.74 -1.03 0.00	33.55 -1.18 0.00	36.30 -1.40 0.00	30.27 -1.18 0.00	41.55 -1.80 0.00	38.02 -1.73 0.00	26.53 -1.17 0.00	24.63 -0.99 0.00
SITHE_IND_GS3 24171	17.96 -0.62 0.00	16.88 -0.59 0.00	16.74 -0.60 0.00	16.17 -0.58 0.00	18.31 -0.65 0.00	19.98 -0.73 0.00	23.05 -0.94 0.00	30.31 -1.33 0.00	21.78 -0.86 0.00	18.94 -0.70 0.00	22.96 -0.86 0.00	21.79 -0.82 0.00	22.04 -0.84 0.00	23.99 -0.93 0.00	24.92 -1.04 0.00	24.37 -0.99 0.00	27.74 -1.03 0.00	33.55 -1.18 0.00	36.30 -1.40 0.00	30.27 -1.18 0.00	41.55 -1.80 0.00	38.02 -1.73 0.00	26.53 -1.17 0.00	24.63 -0.99 0.00
SITHE_IND_GS4 24172	17.96 -0.62 0.00	16.88 -0.59 0.00	16.74 -0.60 0.00	16.17 -0.58 0.00	18.31 -0.65 0.00	19.98 -0.73 0.00	23.05 -0.94 0.00	30.31 -1.33 0.00	21.78 -0.86 0.00	18.94 -0.70 0.00	22.96 -0.86 0.00	21.79 -0.82 0.00	22.04 -0.84 0.00	23.99 -0.93 0.00	24.92 -1.04 0.00	24.37 -0.99 0.00	27.74 -1.03 0.00	33.55 -1.18 0.00	36.30 -1.40 0.00	30.27 -1.18 0.00	41.55 -1.80 0.00	38.02 -1.73 0.00	26.53 -1.17 0.00	24.63 -0.99 0.00
SITHE___BATAVIA 24024	17.74 -0.84 0.00	16.57 -0.90 0.00	16.38 -0.97 0.00	15.85 -0.90 0.00	17.93 -1.02 0.00	19.59 -1.12 0.00	22.69 -1.29 0.00	30.15 -1.50 0.00	21.89 -0.75 0.00	19.11 -0.53 0.00	23.19 -0.63 0.00	21.81 -0.80 0.00	22.12 -0.75 0.00	24.15 -0.77 0.00	25.17 -0.78 0.00	24.45 -0.92 0.00	27.96 -0.81 0.00	33.85 -0.88 0.00	34.17 -1.24 2.30	30.13 -1.02 0.31	41.08 -1.91 0.36	37.35 -2.20 0.21	26.42 -1.28 0.00	24.52 -1.10 0.00
SITHE___INDEPEND 23800	17.96 -0.62 0.00	16.88 -0.59 0.00	16.74 -0.59 0.00	16.17 -0.58 0.00	18.31 -0.65 0.00	19.98 -0.73 0.00	23.05 -0.94 0.00	30.31 -1.33 0.00	21.78 -0.87 0.00	18.94 -0.70 0.00	22.96 -0.86 0.00	21.79 -0.82 0.00	22.03 -0.84 0.00	23.99 -0.93 0.00	24.92 -1.04 0.00	24.37 -1.00 0.00	27.74 -1.03 0.00	33.55 -1.18 0.00	36.30 -1.40 0.00	30.27 -1.19 0.00	41.55 -1.80 0.00	38.02 -1.73 0.00	26.53 -1.17 0.00	24.63 -0.99 0.00
SITHE___MASSENA 23902	18.91 0.32 0.00	17.78 0.31 0.00	17.66 0.32 0.00	17.06 0.32 0.00	19.33 0.38 0.00	21.10 0.39 0.00	24.46 0.48 0.00	32.05 0.41 0.00	23.01 0.37 0.00	20.03 0.39 0.00	24.11 0.28 0.00	22.87 0.26 0.00	23.12 0.24 0.00	25.22 0.30 0.00	26.30 0.35 0.00	25.50 0.13 0.00	28.53 -0.24 0.00	34.13 -0.60 0.00	37.55 -0.17 0.00	31.54 0.09 0.00	43.80 0.46 0.00	40.37 0.61 0.00	28.25 0.55 0.00	26.07 0.44 0.00
SITHE___OGDNSBRG 24021	19.13 0.54 0.00	18.01 0.54 0.00	17.88 0.54 0.00	17.29 0.54 0.00	19.63 0.68 0.00	21.46 0.75 0.00	24.93 0.94 0.00	32.69 1.05 0.00	23.44 0.79 0.00	20.38 0.74 0.00	24.52 0.70 0.00	23.27 0.66 0.00	23.51 0.64 0.00	25.69 0.77 0.00	26.73 0.78 0.00	25.89 0.52 0.00	28.94 0.17 0.00	34.64 -0.09 0.00	38.26 0.55 0.00	32.25 0.79 0.00	44.76 1.42 0.00	41.20 1.44 0.00	28.77 1.07 0.00	26.50 0.88 0.00

SITHE___STERLING 23777	18.93 0.34 0.00	17.78 0.31 0.00	17.65 0.30 0.00	17.01 0.26 0.00	19.31 0.35 0.00	21.10 0.39 0.00	24.55 0.56 0.00	32.49 0.85 0.00	23.30 0.65 0.00	20.22 0.58 0.00	24.59 0.77 0.00	23.34 0.73 0.00	23.57 0.70 0.00	25.69 0.76 0.00	26.75 0.80 0.00	26.16 0.80 0.00	29.89 1.12 0.00	36.14 1.40 0.00	38.96 1.25 0.00	32.50 1.05 0.00	44.68 1.34 0.00	40.88 1.13 0.00	28.39 0.70 0.00	26.23 0.61 0.00
SLEIGHT__34_KV_TB1 80719	17.90 -0.69 0.00	16.77 -0.70 0.00	16.64 -0.70 0.00	16.07 -0.67 0.00	18.19 -0.76 0.00	19.90 -0.81 0.00	23.08 -0.90 0.00	30.55 -1.10 0.00	22.02 -0.63 0.00	19.17 -0.47 0.00	23.32 -0.50 0.00	22.05 -0.56 0.00	22.32 -0.56 0.00	24.35 -0.57 0.00	25.33 -0.62 0.00	24.72 -0.65 0.00	28.19 -0.58 0.00	34.14 -0.59 0.00	36.83 -0.88 0.00	30.71 -0.74 0.00	41.94 -1.40 0.00	38.22 -1.53 0.00	26.72 -0.98 0.00	24.76 -0.86 0.00
SOUTH CAIRO___GT 23612	19.42 0.83 0.00	18.29 0.81 0.00	18.18 0.83 0.00	17.55 0.80 0.00	19.84 0.89 0.00	21.72 1.01 0.00	25.28 1.30 0.00	33.49 1.84 0.00	23.89 1.24 0.00	20.53 0.88 0.00	24.89 1.06 0.00	23.61 1.00 0.00	23.99 1.12 0.00	26.28 1.35 0.00	27.58 1.63 0.00	27.14 1.78 0.00	31.05 2.28 0.00	37.79 3.06 0.00	40.88 3.17 0.00	33.86 2.41 0.00	46.45 3.10 0.00	42.27 2.52 0.00	29.31 1.61 0.00	27.00 1.37 0.00
SOUTH HAMPTN___IC 23720	20.13 1.54 0.00	18.93 1.46 0.00	18.75 1.41 0.00	18.12 1.37 0.00	20.37 1.42 0.00	22.36 1.65 0.00	25.80 1.82 0.00	34.45 2.81 0.00	24.13 1.49 0.00	20.77 1.12 0.00	25.52 1.69 0.00	24.28 1.67 0.00	24.34 1.47 0.00	26.46 1.54 0.00	27.78 1.82 0.00	27.41 2.04 0.00	31.50 2.73 0.00	38.45 3.72 0.00	41.17 3.46 0.00	34.39 2.93 0.00	49.77 3.61 -2.82	62.23 3.35 -19.12	29.92 2.23 0.00	28.68 2.16 -0.90
SOUTHDOW_115KV_TB1 355954	18.09 -0.50 0.00	16.92 -0.55 0.00	16.80 -0.54 0.00	16.17 -0.58 0.00	18.25 -0.71 0.00	19.94 -0.77 0.00	23.20 -0.78 0.00	30.81 -0.82 0.00	22.32 -0.33 0.00	19.42 -0.22 0.00	23.84 0.01 0.00	22.45 -0.16 0.00	22.89 0.02 0.00	24.99 0.07 0.00	26.04 0.09 0.00	25.23 -0.14 0.00	29.11 0.34 0.00	35.33 0.60 0.00	37.88 0.17 0.00	31.65 0.19 0.00	42.74 -0.61 0.00	38.73 -1.02 0.00	27.14 -0.56 0.00	25.21 -0.41 0.00
SOUTHOLD_69_KV_BK 2 55809	20.37 1.79 0.00	19.16 1.69 0.00	18.98 1.64 0.00	18.34 1.60 0.00	20.63 1.68 0.00	22.66 1.95 0.00	26.19 2.21 0.00	34.96 3.31 0.00	24.50 1.85 0.00	21.05 1.41 0.00	25.84 2.01 0.00	24.58 1.97 0.00	24.63 1.76 0.00	26.80 1.88 0.00	28.14 2.18 0.00	27.81 2.45 0.00	32.02 3.25 0.00	39.10 4.37 0.00	41.87 4.16 0.00	34.96 3.51 0.00	50.54 4.38 -2.82	62.92 4.04 -19.12	30.37 2.67 0.00	29.08 2.56 -0.90
SOUTHOLD___IC 23719	20.37 1.79 0.00	19.16 1.69 0.00	18.98 1.64 0.00	18.34 1.59 0.00	20.63 1.68 0.00	22.66 1.95 0.00	26.19 2.21 0.00	34.96 3.32 0.00	24.50 1.85 0.00	21.05 1.41 0.00	25.84 2.01 0.00	24.58 1.97 0.00	24.64 1.76 0.00	26.80 1.88 0.00	28.14 2.18 0.00	27.81 2.45 0.00	32.02 3.25 0.00	39.10 4.37 0.00	41.87 4.16 0.00	34.96 3.50 0.00	50.54 4.37 -2.82	62.91 4.03 -19.12	30.37 2.67 0.00	29.07 2.55 -0.90
SOUTH_FORK_WT_PWR 323839	20.40 1.82 0.00	19.18 1.71 0.00	19.01 1.66 0.00	18.36 1.61 0.00	20.65 1.70 0.00	22.69 1.98 0.00	26.23 2.25 0.00	34.99 3.35 0.00	24.50 1.85 0.00	21.06 1.42 0.00	25.86 2.03 0.00	24.60 1.99 0.00	24.66 1.79 0.00	26.82 1.89 0.00	28.15 2.19 0.00	27.83 2.46 0.00	32.05 3.28 0.00	39.11 4.38 0.00	41.89 4.18 0.00	34.97 3.51 0.00	50.57 4.40 -2.82	62.93 4.05 -19.12	30.38 2.69 0.00	29.10 2.58 -0.90
SPIERFLS_115KV_TB 1 80737	19.44 0.85 0.00	18.30 0.83 0.00	18.25 0.91 0.00	17.67 0.92 0.00	20.05 1.10 0.00	21.99 1.28 0.00	25.67 1.69 0.00	33.99 2.34 0.00	24.18 1.53 0.00	20.91 1.26 0.00	25.38 1.56 0.00	24.05 1.44 0.00	24.36 1.49 0.00	26.61 1.69 0.00	27.85 1.89 0.00	27.28 1.91 0.00	31.22 2.45 0.00	38.04 3.31 0.00	41.04 3.33 0.00	34.01 2.56 0.00	46.48 3.14 0.00	42.31 2.56 0.00	29.36 1.66 0.00	27.08 1.46 0.00
ST LAWRENCE___ 23600	18.68 0.10 0.00	17.57 0.10 0.00	17.44 0.10 0.00	16.86 0.11 0.00	19.08 0.13 0.00	20.83 0.12 0.00	24.15 0.17 0.00	31.75 0.10 0.00	22.79 0.14 0.00	19.79 0.15 0.00	23.82 -0.01 0.00	22.58 -0.03 0.00	22.85 -0.02 0.00	24.92 0.00 0.00	25.99 0.04 0.00	25.28 -0.09 0.00	28.29 -0.48 0.00	33.85 -0.89 0.00	37.21 -0.49 0.00	31.24 -0.22 0.00	43.39 0.05 0.00	39.99 0.24 0.00	27.90 0.20 0.00	25.74 0.12 0.00
STATE_CA_115KV_115_LB 55624	18.83 0.25 0.00	17.75 0.28 0.00	17.61 0.27 0.00	17.02 0.27 0.00	19.22 0.26 0.00	21.00 0.29 0.00	24.35 0.37 0.00	32.21 0.57 0.00	22.94 0.30 0.00	19.86 0.21 0.00	24.15 0.33 0.00	22.95 0.34 0.00	23.23 0.36 0.00	25.35 0.43 0.00	26.47 0.52 0.00	25.97 0.60 0.00	29.62 0.85 0.00	36.00 1.27 0.00	38.87 1.16 0.00	32.26 0.80 0.00	44.24 0.89 0.00	40.41 0.65 0.00	28.10 0.40 0.00	25.94 0.32 0.00
STATE_ST_34_KV_LOAD 55959	18.41 -0.18 0.00	17.28 -0.19 0.00	17.19 -0.16 0.00	16.61 -0.13 0.00	18.74 -0.21 0.00	20.54 -0.17 0.00	23.80 -0.18 0.00	31.48 -0.16 0.00	22.53 -0.12 0.00	19.65 0.00 0.00	23.93 0.11 0.00	22.69 0.08 0.00	22.93 0.06 0.00	24.97 0.05 0.00	25.97 0.01 0.00	25.38 0.01 0.00	28.93 0.16 0.00	35.11 0.37 0.00	37.88 0.17 0.00	31.60 0.14 0.00	43.08 -0.26 0.00	39.44 -0.31 0.00	27.54 -0.16 0.00	25.51 -0.12 0.00
STATION 5_MISC_HYD 23604	17.78 -0.80 0.00	16.65 -0.82 0.00	16.47 -0.87 0.00	15.93 -0.82 0.00	18.03 -0.92 0.00	19.68 -1.03 0.00	22.76 -1.22 0.00	30.15 -1.49 0.00	21.81 -0.84 0.00	19.01 -0.63 0.00	23.12 -0.71 0.00	21.82 -0.79 0.00	22.11 -0.76 0.00	24.12 -0.80 0.00	25.13 -0.83 0.00	24.47 -0.90 0.00	27.89 -0.88 0.00	33.75 -0.98 0.00	34.95 -1.31 1.46	30.16 -1.10 0.19	41.22 -1.89 0.23	37.58 -2.04 0.13	26.44 -1.25 0.00	24.54 -1.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.09 -0.50 0.00	16.94 -0.53 0.00	16.80 -0.54 0.00	16.23 -0.51 0.00	18.40 -0.55 0.00	20.12 -0.59 0.00	23.34 -0.64 0.00	30.89 -0.75 0.00	22.28 -0.37 0.00	19.39 -0.25 0.00	23.60 -0.22 0.00	22.30 -0.31 0.00	22.59 -0.28 0.00	24.63 -0.29 0.00	25.63 -0.33 0.00	25.00 -0.37 0.00	28.52 -0.25 0.00	34.57 -0.16 0.00	37.28 -0.43 0.00	31.08 -0.38 0.00	42.45 -0.90 0.00	38.67 -1.08 0.00	27.03 -0.67 0.00	25.05 -0.58 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.74 -0.85 0.00	16.60 -0.87 0.00	16.45 -0.90 0.00	15.88 -0.87 0.00	17.99 -0.97 0.00	19.63 -1.07 0.00	22.72 -1.26 0.00	30.10 -1.54 0.00	21.76 -0.88 0.00	18.97 -0.67 0.00	23.07 -0.76 0.00	21.78 -0.84 0.00	22.07 -0.81 0.00	24.07 -0.86 0.00	25.07 -0.89 0.00	24.42 -0.95 0.00	27.84 -0.93 0.00	33.69 -1.05 0.00	36.33 -1.38 0.00	30.29 -1.16 0.00	41.38 -1.97 0.00	37.65 -2.10 0.00	26.38 -1.32 0.00	24.47 -1.15 0.00

STA_56___34_KV_BUS2 355983	17.74 -0.85 0.00	16.60 -0.87 0.00	16.45 -0.90 0.00	15.88 -0.87 0.00	17.99 -0.97 0.00	19.63 -1.07 0.00	22.72 -1.26 0.00	30.10 -1.54 0.00	21.76 -0.88 0.00	18.97 -0.67 0.00	23.07 -0.76 0.00	21.78 -0.84 0.00	22.07 -0.81 0.00	24.07 -0.86 0.00	25.07 -0.89 0.00	24.42 -0.95 0.00	27.84 -0.93 0.00	33.69 -1.05 0.00	36.33 -1.38 0.00	30.29 -1.16 0.00	41.38 -1.97 0.00	37.65 -2.10 0.00	26.38 -1.32 0.00	24.47 -1.15 0.00
STA_67___115KV_BK2 355882	17.75 -0.84 0.00	16.61 -0.86 0.00	16.46 -0.89 0.00	15.88 -0.86 0.00	17.99 -0.96 0.00	19.63 -1.08 0.00	22.71 -1.27 0.00	30.07 -1.57 0.00	21.75 -0.90 0.00	18.96 -0.68 0.00	23.06 -0.77 0.00	21.75 -0.86 0.00	22.04 -0.83 0.00	24.06 -0.87 0.00	25.05 -0.90 0.00	24.40 -0.97 0.00	27.81 -0.96 0.00	33.66 -1.08 0.00	36.29 -1.42 0.00	30.26 -1.19 0.00	41.34 -2.01 0.00	37.61 -2.14 0.00	26.38 -1.32 0.00	24.48 -1.15 0.00
STA_7___115KV_9TRANS 80674	17.86 -0.72 0.00	16.71 -0.76 0.00	16.56 -0.78 0.00	15.98 -0.77 0.00	18.10 -0.85 0.00	19.77 -0.94 0.00	22.88 -1.10 0.00	30.32 -1.32 0.00	21.94 -0.71 0.00	19.12 -0.52 0.00	23.26 -0.57 0.00	21.94 -0.67 0.00	22.23 -0.64 0.00	24.27 -0.66 0.00	25.27 -0.68 0.00	24.61 -0.76 0.00	28.06 -0.70 0.00	33.98 -0.75 0.00	36.65 -1.06 0.00	30.56 -0.90 0.00	41.72 -1.62 0.00	37.94 -1.81 0.00	26.60 -1.10 0.00	24.67 -0.96 0.00
STA_82___115KV_TB1 80780	17.76 -0.83 0.00	16.62 -0.85 0.00	16.47 -0.88 0.00	15.90 -0.85 0.00	18.00 -0.95 0.00	19.65 -1.06 0.00	22.72 -1.26 0.00	30.10 -1.54 0.00	21.77 -0.88 0.00	18.98 -0.66 0.00	23.07 -0.75 0.00	21.78 -0.84 0.00	22.06 -0.81 0.00	24.07 -0.85 0.00	25.08 -0.88 0.00	24.42 -0.95 0.00	27.84 -0.93 0.00	33.68 -1.05 0.00	36.32 -1.39 0.00	30.29 -1.17 0.00	41.37 -1.97 0.00	37.64 -2.11 0.00	26.40 -1.30 0.00	24.49 -1.13 0.00
STEEL___WIND 323596	17.41 -1.18 0.00	16.28 -1.19 0.00	16.08 -1.26 0.00	15.55 -1.20 0.00	17.58 -1.37 0.00	19.16 -1.56 0.00	22.11 -1.87 0.00	29.36 -2.28 0.00	21.28 -1.36 0.00	18.56 -1.08 0.00	22.65 -1.17 0.00	21.30 -1.31 0.00	21.66 -1.21 0.00	23.70 -1.22 0.00	24.69 -1.27 0.00	23.95 -1.42 0.00	27.44 -1.33 0.00	33.15 -1.59 0.00	32.22 -2.08 3.41	29.32 -1.68 0.46	39.95 -2.86 0.53	36.45 -2.99 0.31	25.90 -1.79 0.00	24.07 -1.56 0.00
STEPHTWN_115KV_BK_2 55603	18.93 0.35 0.00	17.84 0.37 0.00	17.73 0.38 0.00	17.11 0.36 0.00	19.36 0.41 0.00	21.15 0.44 0.00	24.59 0.61 0.00	32.54 0.90 0.00	23.13 0.48 0.00	19.97 0.33 0.00	24.36 0.53 0.00	23.12 0.51 0.00	23.43 0.56 0.00	25.59 0.66 0.00	26.72 0.76 0.00	26.19 0.82 0.00	29.92 1.16 0.00	36.25 1.52 0.00	39.28 1.57 0.00	32.60 1.15 0.00	44.63 1.29 0.00	40.72 0.96 0.00	28.31 0.62 0.00	26.10 0.48 0.00
STEUBEN_REC_LFGE 323667	16.93 -1.66 0.00	15.75 -1.72 0.00	15.62 -1.72 0.00	15.12 -1.63 0.00	17.27 -1.68 0.00	18.91 -1.80 0.00	21.90 -2.08 0.00	29.37 -2.28 -0.01	21.10 -1.54 0.00	18.32 -1.33 0.00	22.29 -1.54 0.00	21.00 -1.60 0.00	21.28 -1.59 0.00	23.22 -1.71 0.00	24.15 -1.80 0.00	23.61 -1.75 0.00	27.26 -1.51 0.00	33.64 -1.10 0.00	36.18 -1.53 0.00	30.18 -1.27 0.00	41.16 -2.18 0.00	37.62 -2.13 0.00	26.31 -1.39 0.00	24.15 -1.48 0.00
STILLWATER___SOLAR 323814	19.30 0.72 0.00	18.18 0.70 0.00	18.08 0.73 0.00	17.47 0.72 0.00	19.80 0.85 0.00	21.67 0.96 0.00	25.21 1.22 0.00	33.33 1.69 0.00	23.73 1.08 0.00	20.50 0.86 0.00	24.87 1.05 0.00	23.61 1.00 0.00	23.93 1.05 0.00	26.15 1.23 0.00	27.34 1.38 0.00	26.81 1.44 0.00	30.62 1.85 0.00	37.27 2.54 0.00	40.24 2.53 0.00	33.38 1.92 0.00	45.73 2.39 0.00	41.69 1.94 0.00	28.95 1.26 0.00	26.73 1.11 0.00
STONY___BROOK 24151	19.94 1.36 0.00	18.74 1.27 0.00	18.56 1.22 0.00	17.92 1.17 0.00	20.15 1.20 0.00	22.09 1.38 0.00	25.58 1.60 0.00	34.13 2.48 0.00	23.90 1.25 0.00	20.63 0.99 0.00	25.39 1.56 0.00	24.20 1.59 0.00	24.31 1.43 0.00	26.44 1.51 0.00	27.74 1.79 0.00	27.34 1.97 0.00	31.37 2.60 0.00	38.21 3.47 0.00	40.93 3.22 0.00	34.23 2.77 0.00	49.58 3.42 -2.82	62.02 3.15 -19.12	29.77 2.08 0.00	28.49 1.97 -0.90
STURGEON_POOL_HYD 23609	19.26 0.67 0.00	18.09 0.62 0.00	17.94 0.59 0.00	17.32 0.57 0.00	19.58 0.64 0.00	21.48 0.77 0.00	24.94 0.96 0.00	33.13 1.48 0.00	23.69 1.04 0.00	20.85 1.21 0.00	25.56 1.73 0.00	24.30 1.69 0.00	24.57 1.69 0.00	26.46 1.54 0.00	26.99 1.04 0.00	26.51 1.15 0.00	30.45 1.68 0.00	37.10 2.36 0.00	39.85 2.14 0.00	33.16 1.71 0.00	45.32 1.97 0.00	41.52 1.77 0.00	28.88 1.18 0.00	26.68 1.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.21 0.63 0.00	18.05 0.58 0.00	17.90 0.56 0.00	17.28 0.53 0.00	19.53 0.58 0.00	21.43 0.72 0.00	24.89 0.91 0.00	33.06 1.42 0.00	23.43 0.79 0.00	20.25 0.61 0.00	24.76 0.94 0.00	23.57 0.96 0.00	23.82 0.95 0.00	25.88 0.96 0.00	26.92 0.97 0.00	26.44 1.07 0.00	30.38 1.61 0.00	37.05 2.31 0.00	39.74 2.03 0.00	33.07 1.61 0.00	45.22 1.88 0.00	41.43 1.68 0.00	28.82 1.13 0.00	26.63 1.01 0.00
SWANROAD_115KV_TB1 355699	16.82 -1.76 0.00	15.69 -1.78 0.00	15.54 -1.80 0.00	15.01 -1.74 0.00	16.95 -2.00 0.00	18.48 -2.23 0.00	21.28 -2.70 0.00	28.21 -3.43 0.00	20.59 -2.06 0.00	17.97 -1.67 0.00	21.76 -2.07 0.00	20.42 -2.19 0.00	20.74 -2.13 0.00	22.68 -2.25 0.00	23.66 -2.30 0.00	22.95 -2.41 0.00	26.19 -2.58 0.00	31.61 -3.12 0.00	34.03 -3.68 0.00	28.45 -3.00 0.00	38.75 -4.60 0.00	35.14 -4.61 0.00	24.88 -2.81 0.00	23.16 -2.46 0.00
SYNERGY___BIOGAS 323694	17.74 -0.84 0.00	16.57 -0.90 0.00	16.38 -0.97 0.00	15.85 -0.90 0.00	17.93 -1.02 0.00	19.59 -1.12 0.00	22.69 -1.29 0.00	30.15 -1.50 0.00	21.89 -0.75 0.00	19.11 -0.53 0.00	23.19 -0.63 0.00	21.81 -0.80 0.00	22.12 -0.75 0.00	24.15 -0.77 0.00	25.17 -0.78 0.00	24.45 -0.92 0.00	27.96 -0.81 0.00	33.85 -0.88 2.30	34.17 -1.24 0.31	30.13 -1.02 0.31	41.08 -1.91 0.36	37.35 -2.20 0.21	26.42 -1.28 0.00	24.52 -1.10 0.00
SYRACUSE___ENERGY_ST1 323597	18.35 -0.23 0.00	17.22 -0.25 0.00	17.10 -0.24 0.00	16.52 -0.23 0.00	18.70 -0.25 0.00	20.43 -0.28 0.00	23.64 -0.34 0.00	31.18 -0.46 0.00	22.36 -0.29 0.00	19.43 -0.21 0.00	23.61 -0.21 0.00	22.40 -0.21 0.00	22.66 -0.21 0.00	24.67 -0.25 0.00	25.64 -0.31 0.00	25.08 -0.29 0.00	28.59 -0.17 0.00	34.65 -0.09 0.00	37.45 -0.26 0.00	31.21 -0.24 0.00	42.77 -0.57 0.00	39.11 -0.64 0.00	27.26 -0.44 0.00	25.26 -0.36 0.00
SYRACUSE___ENERGY_ST2 323598	18.35 -0.23 0.00	17.22 -0.25 0.00	17.10 -0.24 0.00	16.52 -0.23 0.00	18.70 -0.25 0.00	20.43 -0.28 0.00	23.64 -0.34 0.00	31.18 -0.46 0.00	22.36 -0.29 0.00	19.43 -0.21 0.00	23.61 -0.21 0.00	22.40 -0.21 0.00	22.66 -0.21 0.00	24.67 -0.25 0.00	25.64 -0.31 0.00	25.08 -0.29 0.00	28.59 -0.17 0.00	34.65 -0.09 0.00	37.45 -0.26 0.00	31.21 -0.24 0.00	42.77 -0.57 0.00	39.11 -0.64 0.00	27.26 -0.44 0.00	25.26 -0.36 0.00

SYRACUSE___POWER 24017	18.36 -0.22 0.00	17.24 -0.23 0.00	17.11 -0.24 0.00	16.51 -0.24 0.00	18.70 -0.25 0.00	20.43 -0.28 0.00	23.63 -0.35 0.00	31.15 -0.49 0.00	22.36 -0.29 0.00	19.42 -0.22 0.00	23.61 -0.22 0.00	22.39 -0.22 0.00	22.66 -0.22 0.00	24.68 -0.24 0.00	25.65 -0.30 0.00	25.09 -0.28 0.00	28.62 -0.15 0.00	34.68 -0.06 0.00	37.45 -0.26 0.00	31.20 -0.25 0.00	42.77 -0.57 0.00	39.10 -0.65 0.00	27.25 -0.45 0.00	25.24 -0.38 0.00
TALLMAN___138KV_BK151 55660	19.29 0.70 0.00	18.12 0.65 0.00	17.97 0.63 0.00	17.34 0.59 0.00	19.60 0.65 0.00	21.52 0.81 0.00	25.00 1.02 0.00	33.23 1.59 0.00	23.53 0.88 0.00	20.33 0.68 0.00	24.87 1.04 0.00	23.68 1.07 0.00	23.93 1.06 0.00	25.98 1.06 0.00	27.03 1.07 0.00	26.54 1.17 0.00	30.53 1.77 0.00	37.26 2.52 0.00	39.91 2.20 0.00	33.19 1.73 0.00	45.38 2.04 0.00	41.59 1.84 0.00	28.95 1.25 0.00	26.74 1.12 0.00
TEALLAVE_115KV_TB7 355573	18.25 -0.33 0.00	17.14 -0.34 0.00	17.01 -0.34 0.00	16.42 -0.33 0.00	18.59 -0.36 0.00	20.31 -0.40 0.00	23.46 -0.52 0.00	30.91 -0.73 0.00	22.19 -0.45 0.00	19.28 -0.36 0.00	23.43 -0.39 0.00	22.23 -0.38 0.00	22.48 -0.39 0.00	24.49 -0.43 0.00	25.46 -0.50 0.00	24.90 -0.46 0.00	28.39 -0.38 0.00	34.38 -0.35 0.00	37.14 -0.57 0.00	30.94 -0.51 0.00	42.41 -0.93 0.00	38.77 -0.98 0.00	27.03 -0.67 0.00	25.05 -0.57 0.00
TELGRAPH_34_KV_EAST 80808	17.38 -1.21 0.00	16.23 -1.25 0.00	16.06 -1.28 0.00	15.51 -1.24 0.00	17.54 -1.41 0.00	19.14 -1.57 0.00	22.11 -1.87 0.00	29.35 -2.29 0.00	21.35 -1.30 0.00	18.63 -1.01 0.00	22.60 -1.22 0.00	21.25 -1.37 0.00	21.57 -1.30 0.00	23.57 -1.35 0.00	24.57 -1.39 0.00	23.85 -1.51 0.00	27.25 -1.52 0.00	32.95 -1.78 0.00	35.46 -2.25 0.00	29.61 -1.84 0.00	40.33 -3.02 0.00	36.57 -3.19 0.00	25.79 -1.91 0.00	23.96 -1.66 0.00
TEMPLE___115KV_TB 2 55572	18.26 -0.32 0.00	17.15 -0.32 0.00	17.01 -0.33 0.00	16.42 -0.32 0.00	18.61 -0.34 0.00	20.32 -0.39 0.00	23.47 -0.51 0.00	30.93 -0.72 0.00	22.21 -0.44 0.00	19.29 -0.35 0.00	23.45 -0.38 0.00	22.25 -0.36 0.00	22.50 -0.37 0.00	24.51 -0.41 0.00	25.47 -0.48 0.00	24.92 -0.44 0.00	28.41 -0.36 0.00	34.41 -0.33 0.00	37.16 -0.54 0.00	30.96 -0.49 0.00	42.44 -0.90 0.00	38.80 -0.96 0.00	27.03 -0.66 0.00	25.06 -0.56 0.00
TIANA____69_KV_BK 1 55817	20.08 1.50 0.00	18.88 1.41 0.00	18.70 1.36 0.00	18.08 1.33 0.00	20.33 1.37 0.00	22.30 1.59 0.00	25.74 1.76 0.00	34.36 2.72 0.00	24.08 1.43 0.00	20.72 1.07 0.00	25.46 1.63 0.00	24.23 1.62 0.00	24.27 1.40 0.00	26.39 1.47 0.00	27.72 1.76 0.00	27.34 1.97 0.00	31.42 2.65 0.00	38.35 3.62 0.00	41.07 3.36 0.00	34.29 2.84 0.00	49.67 3.51 -2.82	62.13 3.26 -19.12	29.85 2.16 0.00	28.62 2.10 -0.90
TILDEN___115KV_TB1 80814	18.36 -0.22 0.00	17.24 -0.23 0.00	17.11 -0.24 0.00	16.51 -0.24 0.00	18.70 -0.25 0.00	20.43 -0.28 0.00	23.63 -0.35 0.00	31.15 -0.49 0.00	22.36 -0.29 0.00	19.42 -0.22 0.00	23.61 -0.22 0.00	22.39 -0.22 0.00	22.66 -0.22 0.00	24.68 -0.24 0.00	25.65 -0.30 0.00	25.09 -0.28 0.00	28.62 -0.15 0.00	34.68 -0.06 0.00	37.45 -0.26 0.00	31.20 -0.25 0.00	42.77 -0.57 0.00	39.10 -0.65 0.00	27.25 -0.45 0.00	25.24 -0.38 0.00
TRIGEN___CC 323695	19.60 1.01 0.00	18.41 0.94 0.00	18.25 0.90 0.00	17.61 0.86 0.00	19.87 0.91 0.00	21.80 1.09 0.00	25.31 1.33 0.00	33.73 2.09 0.00	23.80 1.15 0.00	20.55 0.91 0.00	25.22 1.40 0.00	24.02 1.41 0.00	24.18 1.31 0.00	26.29 1.37 0.00	27.46 1.51 0.00	27.01 1.65 0.00	31.02 2.25 0.00	37.86 3.12 0.00	40.58 3.36 0.00	33.81 2.36 0.00	49.00 2.84 -2.82	61.48 2.61 -19.12	29.45 1.75 0.00	28.14 1.63 -0.90
TRINITY___115KV___ 4 BK 55933	18.76 0.17 0.00	17.68 0.21 0.00	17.56 0.21 0.00	16.97 0.22 0.00	19.16 0.20 0.00	20.92 0.21 0.00	24.25 0.27 0.00	32.08 0.43 0.00	22.84 0.19 0.00	19.77 0.13 0.00	24.04 0.21 0.00	22.84 0.23 0.00	23.12 0.24 0.00	25.23 0.31 0.00	26.35 0.39 0.00	25.84 0.47 0.00	29.47 0.70 0.00	35.83 1.10 0.00	38.69 0.98 0.00	32.10 0.65 0.00	44.03 0.69 0.00	40.23 0.48 0.00	27.98 0.28 0.00	25.84 0.21 0.00
UNION___PROCESSING_DRP 323587	17.76 -0.82 0.00	16.62 -0.85 0.00	16.47 -0.87 0.00	15.90 -0.85 0.00	18.01 -0.94 0.00	19.65 -1.06 0.00	22.73 -1.25 0.00	30.11 -1.53 0.00	21.78 -0.87 0.00	18.99 -0.65 0.00	23.08 -0.74 0.00	21.78 -0.83 0.00	22.07 -0.81 0.00	24.08 -0.84 0.00	25.08 -0.87 0.00	24.43 -0.94 0.00	27.85 -0.92 0.00	33.70 -1.03 0.00	36.33 -1.37 0.00	30.30 -1.16 0.00	41.39 -1.95 0.00	37.65 -2.10 0.00	26.41 -1.29 0.00	24.50 -1.12 0.00
UPPER HUDSON___HYD 24058	19.44 0.85 0.00	18.30 0.83 0.00	18.25 0.91 0.00	17.66 0.92 0.00	20.05 1.10 0.00	21.99 1.28 0.00	25.67 1.69 0.00	33.98 2.34 0.00	24.18 1.53 0.00	20.90 1.26 0.00	25.38 1.56 0.00	24.05 1.44 0.00	24.36 1.49 0.00	26.61 1.69 0.00	27.85 1.89 0.00	27.28 1.91 0.00	31.22 2.45 0.00	38.05 3.31 0.00	41.04 3.33 0.00	34.01 2.56 0.00	46.48 3.13 0.00	42.31 2.56 0.00	29.36 1.66 0.00	27.08 1.46 0.00
UPPER RAQUET___HYD 24056	18.61 0.03 0.00	17.51 0.04 0.00	17.41 0.07 0.00	16.82 0.07 0.00	19.10 0.15 0.00	20.77 0.06 0.00	24.05 0.07 0.00	31.51 -0.13 0.00	22.66 0.01 0.00	19.69 0.04 0.00	23.69 -0.13 0.00	22.55 -0.06 0.00	22.66 -0.21 0.00	24.73 -0.18 0.00	25.80 -0.16 0.00	24.96 -0.40 0.00	27.92 -0.85 0.00	33.42 -1.32 0.00	36.77 -0.94 0.00	30.98 -0.47 0.00	43.12 -0.22 0.00	39.75 0.00 0.00	27.77 0.08 0.00	25.59 -0.04 0.00
VALLEY44_115KV_TB2 355964	18.26 -0.32 0.00	17.13 -0.34 0.00	16.95 -0.39 0.00	16.35 -0.40 0.00	18.51 -0.44 0.00	20.08 -0.63 0.00	23.05 -0.93 0.00	30.59 -1.05 0.00	21.96 -0.68 0.00	19.20 -0.45 0.00	23.67 -0.16 0.00	22.35 -0.25 0.00	22.74 -0.13 0.00	24.77 -0.15 0.00	25.78 -0.17 0.00	24.98 -0.39 0.00	28.50 -0.27 0.00	34.36 -0.37 0.00	36.74 -0.97 0.00	30.66 -0.80 0.00	41.80 -1.55 0.00	38.06 -1.69 0.00	26.93 -0.76 0.00	25.07 -0.56 0.00
VALLEY___115KV_TB 1-4 80826	18.57 -0.01 0.00	17.47 0.00 0.00	17.38 0.04 0.00	16.75 0.00 0.00	18.87 -0.08 0.00	20.69 -0.02 0.00	23.95 -0.03 0.00	31.69 0.05 0.00	22.60 -0.05 0.00	19.49 -0.15 0.00	23.65 -0.17 0.00	22.50 -0.11 0.00	22.73 -0.15 0.00	24.79 -0.13 0.00	25.92 -0.03 0.00	25.47 0.10 0.00	29.19 0.42 0.00	35.58 0.84 0.00	38.34 0.63 0.00	31.89 0.43 0.00	43.91 0.57 0.00	40.11 0.35 0.00	27.87 0.17 0.00	25.71 0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.00 0.41 0.00	17.86 0.39 0.00	17.72 0.38 0.00	17.09 0.34 0.00	19.33 0.38 0.00	21.16 0.45 0.00	24.56 0.57 0.00	32.56 0.92 0.00	23.24 0.59 0.00	20.13 0.49 0.00	24.53 0.71 0.00	23.30 0.69 0.00	23.54 0.67 0.00	25.62 0.70 0.00	26.68 0.72 0.00	26.13 0.76 0.00	29.89 1.12 0.00	36.24 1.50 0.00	39.09 1.38 0.00	32.58 1.13 0.00	44.66 1.32 0.00	40.92 1.17 0.00	28.50 0.80 0.00	26.34 0.72 0.00

VISCHER___FERRY HYD 24020	19.03 0.44 0.00	17.92 0.45 0.00	17.83 0.49 0.00	17.22 0.47 0.00	19.48 0.53 0.00	21.30 0.59 0.00	24.71 0.73 0.00	32.66 1.02 0.00	23.25 0.60 0.00	20.11 0.47 0.00	24.42 0.60 0.00	23.19 0.58 0.00	23.47 0.60 0.00	25.64 0.71 0.00	26.80 0.84 0.00	26.30 0.93 0.00	29.98 1.21 0.00	36.53 1.79 0.00	39.42 1.71 0.00	32.68 1.23 0.00	44.87 1.53 0.00	40.94 1.19 0.00	28.44 0.75 0.00	26.28 0.66 0.00
V_A_10_SYNC_DSASP 323832	17.19 -1.40 0.00	16.08 -1.39 0.00	15.89 -1.45 0.00	15.37 -1.38 0.00	17.38 -1.58 0.00	18.91 -1.80 0.00	21.80 -2.19 0.00	28.87 -2.77 0.00	20.93 -1.72 0.00	18.27 -1.37 0.00	22.22 -1.60 0.00	20.92 -1.69 0.00	21.22 -1.65 0.00	23.18 -1.75 0.00	24.17 -1.79 0.00	23.48 -1.89 0.00	26.76 -2.01 0.00	32.32 -2.41 0.00	32.41 -2.89 2.41	28.75 -2.39 0.32	39.28 -3.69 0.38	35.83 -3.70 0.22	25.43 -2.27 0.00	23.66 -1.96 0.00
V_CMM_10_SYNC_DSASP 323787	18.76 0.18 0.00	17.65 0.18 0.00	17.52 0.18 0.00	16.93 0.18 0.00	19.17 0.22 0.00	20.93 0.22 0.00	24.27 0.28 0.00	31.90 0.25 0.00	22.90 0.25 0.00	19.89 0.24 0.00	23.93 0.11 0.00	22.68 0.07 0.00	22.96 0.09 0.00	25.04 0.11 0.00	26.12 0.16 0.00	25.40 0.03 0.00	28.43 -0.34 0.00	34.01 -0.72 0.00	37.39 -0.32 0.00	31.39 -0.06 0.00	43.60 0.25 0.00	40.17 0.41 0.00	28.03 0.33 0.00	25.87 0.25 0.00
V_CMP_10_SYNC_DSASP 323788	18.75 0.17 0.00	17.76 0.29 0.00	17.77 0.43 0.00	17.24 0.49 0.00	19.59 0.64 0.00	21.49 0.78 0.00	24.98 0.99 0.00	32.66 1.02 0.00	23.15 0.50 0.00	19.85 0.21 0.00	23.83 0.01 0.00	22.65 0.04 0.00	22.96 0.08 0.00	25.07 0.14 0.00	26.32 0.37 0.00	25.71 0.34 0.00	28.70 -0.07 0.00	34.64 -0.10 0.00	37.95 0.25 0.00	32.01 0.55 0.00	44.58 1.24 0.00	41.12 1.37 0.00	28.46 0.76 0.00	25.99 0.37 0.00
V_D_10_SYNC_DSASP 323841	18.91 0.32 0.00	17.78 0.31 0.00	17.66 0.32 0.00	17.06 0.32 0.00	19.32 0.37 0.00	21.10 0.39 0.00	24.45 0.47 0.00	32.06 0.41 0.00	23.01 0.37 0.00	20.03 0.39 0.00	24.11 0.28 0.00	22.85 0.24 0.00	23.12 0.24 0.00	25.22 0.30 0.00	26.30 0.34 0.00	25.50 0.13 0.00	28.54 -0.23 0.00	34.14 -0.59 0.00	37.55 -0.16 0.00	31.55 0.09 0.00	43.80 0.46 0.00	40.37 0.62 0.00	28.24 0.54 0.00	26.06 0.44 0.00
V_E_10_SYNC_DSASP 323830	19.60 1.01 0.00	18.46 0.99 0.00	18.39 1.04 0.00	17.55 0.80 0.00	19.75 0.80 0.00	21.69 0.98 0.00	25.46 1.48 0.00	33.98 2.34 0.00	24.29 1.64 0.00	20.87 1.23 0.00	25.61 1.79 0.00	24.26 1.65 0.00	24.47 1.60 0.00	26.55 1.62 0.00	27.77 1.81 0.00	27.29 1.92 0.00	31.53 2.76 0.00	38.29 3.55 0.00	41.84 3.41 -0.72	34.53 2.97 -0.10	47.30 3.84 -0.11	43.35 3.54 -0.07	30.07 2.37 0.00	27.70 2.08 0.00
V_F_30_NSYNC___DSASP 323816	19.33 0.75 0.00	18.20 0.72 0.00	18.10 0.76 0.00	17.49 0.74 0.00	19.82 0.87 0.00	21.69 0.98 0.00	25.23 1.25 0.00	33.39 1.74 0.00	23.76 1.12 0.00	20.53 0.89 0.00	24.92 1.10 0.00	23.65 1.04 0.00	23.97 1.10 0.00	26.19 1.27 0.00	27.37 1.41 0.00	26.84 1.47 0.00	30.66 1.89 0.00	37.31 2.57 0.00	40.29 2.58 0.00	33.42 1.97 0.00	45.79 2.45 0.00	41.74 1.99 0.00	29.00 1.30 0.00	26.76 1.14 0.00
V_F_30_SYNC_DSASP 323786	18.83 0.25 0.00	17.75 0.27 0.00	17.61 0.27 0.00	17.02 0.27 0.00	19.22 0.26 0.00	21.00 0.29 0.00	24.35 0.37 0.00	32.21 0.57 0.00	22.94 0.29 0.00	19.86 0.21 0.00	24.15 0.33 0.00	22.95 0.34 0.00	23.23 0.36 0.00	25.34 0.42 0.00	26.47 0.51 0.00	25.97 0.60 0.00	29.62 0.85 0.00	36.00 1.26 0.00	38.86 1.15 0.00	32.26 0.80 0.00	44.23 0.89 0.00	40.41 0.65 0.00	28.09 0.40 0.00	25.94 0.32 0.00
V_XM_10_SYNC_DSASP 323789	18.75 0.17 0.00	17.76 0.29 0.00	17.77 0.43 0.00	17.24 0.49 0.00	19.59 0.64 0.00	21.49 0.78 0.00	24.98 0.99 0.00	32.66 1.02 0.00	23.15 0.50 0.00	19.85 0.21 0.00	23.83 0.01 0.00	22.65 0.04 0.00	22.96 0.08 0.00	25.07 0.14 0.00	26.32 0.37 0.00	25.71 0.34 0.00	28.70 -0.07 0.00	34.64 -0.10 0.00	37.95 0.25 0.00	32.01 0.55 0.00	44.58 1.24 0.00	41.12 1.37 0.00	28.46 0.76 0.00	25.99 0.37 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.35 0.77 0.00	18.18 0.71 0.00	18.03 0.69 0.00	17.39 0.65 0.00	19.66 0.71 0.00	21.58 0.87 0.00	25.08 1.11 0.00	33.36 1.71 0.00	23.61 0.96 0.00	20.40 0.75 0.00	24.96 1.14 0.00	23.77 1.16 0.00	24.01 1.14 0.00	26.08 1.16 0.00	27.13 1.18 0.00	26.64 1.27 0.00	30.65 1.88 0.00	37.40 2.67 0.00	40.08 2.37 0.00	33.32 1.87 0.00	45.55 2.21 0.00	41.74 1.99 0.00	29.04 1.35 0.00	26.83 1.21 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.39 0.80 0.00	18.21 0.73 0.00	18.05 0.70 0.00	17.41 0.67 0.00	19.68 0.73 0.00	21.58 0.87 0.00	25.06 1.07 0.00	33.39 1.75 0.00	23.58 0.93 0.00	20.38 0.74 0.00	24.95 1.13 0.00	23.78 1.17 0.00	24.05 1.17 0.00	26.07 1.15 0.00	27.14 1.18 0.00	26.66 1.29 0.00	30.64 1.87 0.00	37.41 2.68 0.00	40.02 2.31 0.00	33.31 1.85 0.00	45.49 2.15 0.00	41.78 2.03 0.00	29.11 1.41 0.00	26.91 1.29 0.00
W50THST__13_KV_LOAD 356117	19.48 0.90 0.00	18.29 0.81 0.00	18.12 0.78 0.00	17.49 0.74 0.00	19.76 0.81 0.00	21.68 0.97 0.00	25.18 1.20 0.00	33.59 1.95 0.00	23.74 1.09 0.00	20.52 0.88 0.00	25.16 1.34 0.00	24.00 1.39 0.00	24.28 1.41 0.00	26.33 1.41 0.00	27.40 1.44 0.00	26.91 1.54 0.00	30.94 2.17 0.00	37.78 3.05 0.00	40.39 2.68 0.00	33.59 2.14 0.00	45.87 2.53 0.00	42.11 2.36 0.00	29.33 1.63 0.00	27.11 1.49 0.00
WADING RIVER_IC_1 23522	19.94 1.36 0.00	18.76 1.29 0.00	18.58 1.23 0.00	17.94 1.20 0.00	20.17 1.22 0.00	22.13 1.41 0.00	25.48 1.50 0.00	34.03 2.39 0.00	23.85 1.20 0.00	20.52 0.88 0.00	25.24 1.42 0.00	24.03 1.42 0.00	24.07 1.20 0.00	26.17 1.25 0.00	27.48 1.52 0.00	27.08 1.71 0.00	31.07 2.30 0.00	37.90 3.17 0.00	40.60 2.89 0.00	33.92 2.46 0.00	49.15 2.99 -2.82	61.66 2.78 -19.12	29.55 1.85 0.00	28.36 1.84 -0.90
WADING RIVER_IC_2 23547	19.94 1.36 0.00	18.76 1.29 0.00	18.58 1.23 0.00	17.94 1.20 0.00	20.17 1.22 0.00	22.13 1.41 0.00	25.48 1.50 0.00	34.03 2.39 0.00	23.85 1.20 0.00	20.52 0.88 0.00	25.24 1.42 0.00	24.03 1.42 0.00	24.07 1.20 0.00	26.17 1.25 0.00	27.48 1.52 0.00	27.08 1.71 0.00	31.07 2.30 0.00	37.90 3.17 0.00	40.60 2.89 0.00	33.92 2.46 0.00	49.15 2.99 -2.82	61.66 2.78 -19.12	29.55 1.85 0.00	28.36 1.84 -0.90
WADING RIVER_IC_3 23601	19.94 1.36 0.00	18.76 1.29 0.00	18.58 1.23 0.00	17.94 1.20 0.00	20.17 1.22 0.00	22.13 1.41 0.00	25.48 1.50 0.00	34.03 2.39 0.00	23.85 1.20 0.00	20.52 0.88 0.00	25.24 1.42 0.00	24.03 1.42 0.00	24.07 1.20 0.00	26.17 1.25 0.00	27.48 1.52 0.00	27.08 1.71 0.00	31.07 2.30 0.00	37.90 3.17 0.00	40.60 2.89 0.00	33.92 2.46 0.00	49.15 2.99 -2.82	61.66 2.78 -19.12	29.55 1.85 0.00	28.36 1.84 -0.90



WALDENNY_12_KV_BK2 80841	17.42 -1.16 0.00	16.28 -1.19 0.00	16.12 -1.23 0.00	15.55 -1.20 0.00	17.59 -1.37 0.00	19.16 -1.55 0.00	22.13 -1.86 0.00	29.38 -2.25 0.00	21.33 -1.32 0.00	18.61 -1.04 0.00	22.66 -1.16 0.00	21.33 -1.29 0.00	21.68 -1.20 0.00	23.71 -1.21 0.00	24.70 -1.25 0.00	23.98 -1.39 0.00	27.45 -1.32 0.00	33.18 -1.55 0.00	35.66 -2.04 0.00	29.80 -1.66 0.00	40.54 -2.81 0.00	36.76 -3.00 0.00	25.92 -1.77 0.00	24.08 -1.54 0.00
WALDEN___HYDRO 24148	19.38 0.80 0.00	18.21 0.74 0.00	18.06 0.72 0.00	17.43 0.68 0.00	19.71 0.76 0.00	21.63 0.92 0.00	25.15 1.17 0.00	33.42 1.78 0.00	23.72 1.07 0.00	20.48 0.84 0.00	25.07 1.24 0.00	23.87 1.26 0.00	24.07 1.20 0.00	26.15 1.23 0.00	27.18 1.23 0.00	26.73 1.36 0.00	30.76 1.99 0.00	37.54 2.80 0.00	40.30 2.59 0.00	33.51 2.05 0.00	45.80 2.46 0.00	41.93 2.18 0.00	29.14 1.45 0.00	26.91 1.28 0.00
WARRENSBURG___ 23737	19.44 0.85 0.00	18.30 0.83 0.00	18.25 0.91 0.00	17.66 0.92 0.00	20.05 1.10 0.00	21.99 1.28 0.00	25.67 1.69 0.00	33.98 2.34 0.00	24.18 1.53 0.00	20.90 1.26 0.00	25.38 1.56 0.00	24.05 1.44 0.00	24.36 1.49 0.00	26.61 1.69 0.00	27.85 1.89 0.00	27.28 1.91 0.00	31.22 2.45 0.00	38.05 3.31 0.00	41.04 3.33 0.00	34.01 2.56 0.00	46.48 3.13 0.00	42.31 2.56 0.00	29.36 1.66 0.00	27.08 1.46 0.00
WATERSIDE___6 8 9 23538	19.42 0.83 0.00	18.24 0.77 0.00	18.08 0.73 0.00	17.44 0.69 0.00	19.70 0.74 0.00	21.60 0.90 0.00	25.10 1.12 0.00	33.43 1.79 0.00	23.60 0.95 0.00	20.39 0.75 0.00	24.98 1.16 0.00	23.80 1.19 0.00	24.07 1.20 0.00	26.10 1.18 0.00	27.15 1.19 0.00	26.67 1.30 0.00	30.65 1.88 0.00	37.40 2.67 0.00	40.00 2.29 0.00	33.31 1.85 0.00	45.49 2.15 0.00	41.78 2.03 0.00	29.12 1.43 0.00	26.94 1.32 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.61 0.03 0.00	17.51 0.04 0.00	17.39 0.05 0.00	16.77 0.03 0.00	18.96 0.01 0.00	20.76 0.05 0.00	24.08 0.10 0.00	31.87 0.23 0.00	22.73 0.08 0.00	19.62 -0.03 0.00	23.80 -0.02 0.00	22.63 0.03 0.00	22.91 0.03 0.00	25.00 0.07 0.00	26.09 0.14 0.00	25.60 0.23 0.00	29.28 0.51 0.00	35.59 0.86 0.00	38.41 0.70 0.00	31.95 0.49 0.00	43.92 0.58 0.00	40.14 0.39 0.00	27.89 0.20 0.00	25.75 0.13 0.00
WATSON___69_KV_BK 1 55734	20.08 1.49 0.00	18.87 1.40 0.00	18.70 1.36 0.00	18.06 1.31 0.00	20.32 1.37 0.00	22.29 1.58 0.00	25.85 1.87 0.00	34.45 2.81 0.00	24.22 1.57 0.00	20.90 1.26 0.00	25.76 1.94 0.00	24.58 1.97 0.00	24.60 1.72 0.00	26.77 1.85 0.00	28.07 2.12 0.00	27.69 2.32 0.00	31.75 2.98 0.00	38.69 3.95 0.00	41.44 3.73 0.00	34.64 3.18 0.00	50.12 3.96 -2.82	62.52 3.64 -19.12	30.10 2.40 0.00	28.77 2.25 -0.90
WDELAWARE___HYD 323627	19.61 1.02 0.00	18.40 0.93 0.00	18.25 0.91 0.00	17.62 0.87 0.00	19.94 0.99 0.00	21.90 1.19 0.00	25.46 1.48 0.00	33.85 2.21 0.00	24.06 1.41 0.00	20.88 1.23 0.00	25.49 1.66 0.00	24.22 1.61 0.00	24.48 1.60 0.00	26.54 1.62 0.00	27.51 1.56 0.00	27.04 1.67 0.00	31.14 2.37 0.00	37.96 3.23 0.00	40.80 3.09 0.00	33.94 2.48 0.00	46.41 3.07 0.00	42.45 2.70 0.00	29.50 1.80 0.00	27.24 1.62 0.00
WEST BABYLON___IC 23714	20.01 1.43 0.00	18.81 1.33 0.00	18.63 1.29 0.00	17.98 1.24 0.00	20.25 1.29 0.00	22.21 1.50 0.00	25.76 1.78 0.00	34.35 2.71 0.00	24.17 1.52 0.00	20.85 1.21 0.00	25.68 1.86 0.00	24.46 1.85 0.00	24.51 1.64 0.00	26.67 1.75 0.00	27.97 2.01 0.00	27.57 2.20 0.00	31.64 2.87 0.00	38.61 3.88 0.00	41.37 3.66 0.00	34.55 3.09 0.00	49.99 3.83 -2.82	62.41 3.53 -19.12	30.02 2.33 0.00	28.69 2.17 -0.90
WEST CANADA___HYD 24049	18.60 0.01 0.00	17.49 0.02 0.00	17.36 0.02 0.00	16.77 0.02 0.00	18.97 0.02 0.00	20.73 0.02 0.00	24.02 0.03 0.00	31.75 0.10 0.00	22.70 0.05 0.00	19.67 0.02 0.00	23.89 0.06 0.00	22.68 0.07 0.00	22.94 0.07 0.00	24.99 0.07 0.00	26.03 0.08 0.00	25.47 0.10 0.00	29.01 0.23 0.00	35.11 0.38 0.00	37.99 0.28 0.00	31.64 0.19 0.00	43.55 0.21 0.00	39.90 0.15 0.00	27.77 0.07 0.00	25.69 0.07 0.00
WESTERN_NY_WIND 24143	17.70 -0.88 0.00	16.53 -0.94 0.00	16.37 -0.97 0.00	15.80 -0.94 0.00	17.89 -1.07 0.00	19.55 -1.16 0.00	22.63 -1.35 0.00	30.07 -1.58 0.00	21.85 -0.80 0.00	19.06 -0.58 0.00	23.13 -0.69 0.00	21.75 -0.86 0.00	22.07 -0.80 0.00	24.10 -0.82 0.00	25.11 -0.84 0.00	24.39 -0.97 0.00	27.90 -0.87 0.00	33.78 -0.96 0.00	36.37 -1.33 0.00	30.36 -1.09 0.00	41.33 -2.02 0.00	37.47 -2.29 0.00	26.36 -1.34 0.00	24.47 -1.16 0.00
WESTOVER___LESR 323668	18.42 -0.17 0.00	17.31 -0.16 0.00	17.15 -0.19 0.00	16.55 -0.20 0.00	18.72 -0.23 0.00	20.44 -0.27 0.00	23.69 -0.29 0.00	31.59 -0.05 0.00	22.58 -0.07 0.00	19.58 -0.06 0.00	23.92 0.10 0.00	22.63 0.02 0.00	22.84 -0.03 0.00	24.88 -0.04 0.00	25.86 -0.09 0.00	25.27 -0.10 0.00	28.91 0.14 0.00	35.11 0.38 0.00	37.79 0.08 0.00	31.53 0.08 0.00	43.11 -0.24 0.00	39.42 -0.33 0.00	27.51 -0.19 0.00	25.48 -0.14 0.00
WETHRSFD_WT_PWR 323626	16.95 -1.63 0.00	15.85 -1.62 0.00	15.70 -1.64 0.00	15.20 -1.55 0.00	17.21 -1.74 0.00	18.75 -1.96 0.00	21.73 -2.26 0.00	28.84 -2.80 0.01	20.81 -1.84 0.00	18.10 -1.54 0.00	22.11 -1.72 0.00	20.86 -1.75 0.00	21.21 -1.66 0.00	23.24 -1.68 0.00	24.19 -1.77 0.00	23.53 -1.84 0.00	27.12 -1.65 0.00	33.06 -1.68 0.00	34.48 -2.27 0.96	29.42 -1.90 0.13	40.03 -3.16 0.15	36.51 -3.16 0.09	25.63 -2.07 0.00	23.70 -1.93 0.00
WHAVSTOR_138KV_BK127 55557	19.28 0.69 0.00	18.11 0.64 0.00	17.96 0.62 0.00	17.33 0.59 0.00	19.59 0.64 0.00	21.50 0.79 0.00	24.98 1.00 0.00	33.20 1.56 0.00	23.50 0.85 0.00	20.31 0.66 0.00	24.84 1.02 0.00	23.66 1.05 0.00	23.91 1.03 0.00	25.96 1.04 0.00	27.01 1.05 0.00	26.51 1.15 0.00	30.50 1.73 0.00	37.22 2.48 0.00	39.87 2.16 0.00	33.16 1.70 0.00	45.33 1.99 0.00	41.55 1.80 0.00	28.92 1.22 0.00	26.72 1.10 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.28 0.69 0.00	18.11 0.64 0.00	17.96 0.62 0.00	17.33 0.59 0.00	19.59 0.64 0.00	21.50 0.79 0.00	24.98 1.00 0.00	33.20 1.56 0.00	23.50 0.85 0.00	20.31 0.66 0.00	24.84 1.02 0.00	23.66 1.05 0.00	23.91 1.03 0.00	25.96 1.04 0.00	27.01 1.05 0.00	26.51 1.15 0.00	30.50 1.73 0.00	37.22 2.48 0.00	39.87 2.16 0.00	33.16 1.70 0.00	45.33 1.99 0.00	41.55 1.80 0.00	28.92 1.22 0.00	26.72 1.10 0.00
WHITEHAL_115KV_TB1 80871	19.72 1.13 0.00	18.57 1.10 0.00	18.57 1.23 0.00	17.95 1.20 0.00	20.45 1.50 0.00	22.52 1.81 0.00	26.40 2.42 0.00	34.79 3.15 0.00	24.73 2.08 0.00	21.32 1.68 0.00	25.98 2.15 0.00	24.57 1.96 0.00	24.78 1.91 0.00	27.20 2.28 0.00	28.71 2.76 0.00	28.19 2.83 0.00	32.30 3.53 0.00	39.44 4.70 0.00	42.38 4.67 0.00	34.87 3.41 0.00	47.18 3.83 0.00	42.78 3.03 0.00	29.74 2.04 0.00	27.48 1.86 0.00

WHITEPLN_13_KV_LOAD 356215	19.51 0.92 0.00	18.32 0.85 0.00	18.16 0.82 0.00	17.53 0.78 0.00	19.81 0.86 0.00	21.74 1.03 0.00	25.27 1.29 0.00	33.63 1.99 0.00	23.80 1.15 0.00	20.56 0.92 0.00	25.16 1.34 0.00	23.96 1.35 0.00	24.23 1.35 0.00	26.31 1.39 0.00	27.39 1.43 0.00	26.91 1.54 0.00	30.94 2.17 0.00	37.78 3.05 0.00	40.48 2.77 0.00	33.65 2.20 0.00	45.96 2.61 0.00	42.13 2.38 0.00	29.31 1.61 0.00	27.07 1.45 0.00
WM_FLOYD_69_KV_BK2 356380	19.98 1.39 0.00	18.79 1.32 0.00	18.61 1.27 0.00	17.98 1.23 0.00	20.21 1.26 0.00	22.17 1.46 0.00	25.60 1.62 0.00	34.18 2.54 0.00	23.96 1.32 0.00	20.62 0.98 0.00	25.34 1.52 0.00	24.14 1.53 0.00	24.18 1.31 0.00	26.30 1.38 0.00	27.62 1.67 0.00	27.24 1.87 0.00	31.29 2.53 0.00	38.18 3.44 0.00	40.90 3.19 0.00	34.16 2.70 0.00	49.48 3.31 -2.82	61.96 3.09 -19.12	29.73 2.03 0.00	28.49 1.98 -0.90
WOODARD__115KV_TB2 355635	18.22 -0.37 0.00	17.10 -0.37 0.00	16.98 -0.37 0.00	16.39 -0.36 0.00	18.56 -0.39 0.00	20.27 -0.44 0.00	23.42 -0.56 0.00	30.86 -0.78 0.00	22.15 -0.49 0.00	19.25 -0.39 0.00	23.38 -0.45 0.00	22.19 -0.42 0.00	22.43 -0.44 0.00	24.44 -0.48 0.00	25.40 -0.55 0.00	24.85 -0.52 0.00	28.32 -0.45 0.00	34.29 -0.44 0.00	37.05 -0.65 0.00	30.88 -0.58 0.00	42.34 -1.00 0.00	38.72 -1.03 0.00	26.99 -0.71 0.00	25.02 -0.60 0.00
YORK___WARBASSE 23770	19.41 0.82 0.00	18.23 0.76 0.00	18.07 0.73 0.00	17.43 0.68 0.00	19.71 0.75 0.00	21.66 0.95 0.00	25.13 1.15 0.00	33.43 1.79 0.00	23.57 0.92 0.00	20.37 0.73 0.00	24.93 1.11 0.00	23.77 1.16 0.00	23.95 1.07 0.00	26.04 1.12 0.00	27.09 1.13 0.00	26.58 1.22 0.00	30.58 1.81 0.00	37.29 2.55 0.00	39.86 2.15 0.00	33.26 1.81 0.00	45.40 2.06 0.00	41.69 1.94 0.00	29.06 1.36 0.00	26.85 1.23 0.00