

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

08/25/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	23.35	20.77	18.03	17.18	21.12	24.08	28.23	25.32	30.65	35.97	36.23	37.73	32.74	36.33	34.84	36.01	33.09	33.47	32.36	34.62	50.60	41.97	27.51	32.61
24138	1.49	1.24	0.96	0.96	1.11	1.19	1.64	1.79	2.11	2.51	2.66	2.92	2.72	3.17	3.16	3.24	2.93	2.91	2.64	2.68	3.61	3.05	1.95	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	1.84	2.80	3.28	3.53	2.80	2.70	2.60	2.08	0.00	0.00	0.00	0.00
74TH STREET_GT_1	23.41	20.83	18.09	17.22	21.18	24.15	28.30	25.34	30.65	35.98	36.26	37.74	32.74	36.31	34.83	35.99	33.12	33.52	32.42	34.71	50.73	42.07	27.58	32.70
24260	1.55	1.29	1.02	1.00	1.17	1.26	1.71	1.82	2.11	2.52	2.68	2.93	2.72	3.16	3.15	3.22	2.96	2.96	2.70	2.76	3.74	3.15	2.02	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	1.84	2.80	3.28	3.53	2.80	2.70	2.60	2.08	0.00	0.00	0.00	0.00
74TH STREET_GT_2	23.41	20.83	18.09	17.22	21.18	24.15	28.30	25.34	30.65	35.98	36.26	37.74	32.74	36.31	34.83	35.99	33.12	33.52	32.42	34.71	50.73	42.07	27.58	32.70
24261	1.55	1.29	1.02	1.00	1.17	1.26	1.71	1.82	2.11	2.52	2.68	2.93	2.72	3.16	3.15	3.22	2.96	2.96	2.70	2.76	3.74	3.15	2.02	2.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	1.84	2.80	3.28	3.53	2.80	2.70	2.60	2.08	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	23.31	20.84	18.18	17.21	21.19	24.02	28.11	24.95	30.37	35.79	35.80	37.16	31.90	35.28	33.79	34.91	32.17	32.54	31.62	34.08	50.20	41.52	27.23	32.42
24011	1.44	1.30	1.10	0.99	1.18	1.13	1.52	1.42	1.84	2.33	2.23	2.42	2.09	2.44	2.46	2.53	2.32	2.28	2.19	2.36	3.21	2.60	1.67	1.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	2.04	3.11	3.64	3.92	3.11	3.00	2.89	2.30	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23.48	21.02	18.31	17.32	21.34	24.16	28.35	25.18	30.70	36.21	36.11	37.45	32.11	35.56	34.07	35.26	32.48	32.82	31.88	34.35	50.56	41.81	27.41	32.68
23798	1.62	1.49	1.24	1.11	1.33	1.27	1.76	1.65	2.17	2.75	2.54	2.71	2.30	2.71	2.75	2.88	2.63	2.56	2.45	2.63	3.57	2.89	1.85	2.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	2.04	3.11	3.64	3.92	3.11	3.00	2.89	2.30	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	23.31	20.84	18.18	17.21	21.19	24.02	28.11	24.95	30.37	35.79	35.80	37.16	31.90	35.28	33.79	34.91	32.17	32.54	31.62	34.08	50.20	41.52	27.23	32.42
24028	1.44	1.30	1.10	0.99	1.18	1.13	1.52	1.42	1.84	2.33	2.23	2.42	2.09	2.44	2.46	2.53	2.32	2.28	2.19	2.36	3.21	2.60	1.67	1.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	2.04	3.11	3.64	3.92	3.11	3.00	2.89	2.30	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23.16	20.72	18.16	17.25	21.24	24.06	27.93	24.57	29.87	35.25	35.40	36.78	31.60	34.95	33.37	34.07	31.32	31.69	30.79	33.41	49.26	40.61	26.66	31.75
23527	1.29	1.18	1.09	1.03	1.23	1.17	1.34	1.04	1.33	1.79	1.83	2.03	1.74	2.04	1.96	1.60	1.40	1.36	1.29	1.64	2.27	1.69	1.10	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	2.00	3.04	3.55	3.83	3.04	2.93	2.82	2.25	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	22.28	19.89	17.39	16.52	20.35	23.11	26.94	23.89	28.99	34.07	34.27	35.59	30.66	33.90	32.41	33.37	30.72	31.14	30.23	32.55	48.02	39.65	25.99	30.90
24190	0.41	0.35	0.32	0.31	0.34	0.22	0.35	0.36	0.46	0.61	0.69	0.84	0.78	0.95	0.96	0.86	0.77	0.79	0.70	0.76	1.03	0.73	0.42	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	1.98	3.00	3.52	3.79	3.00	2.90	2.79	2.23	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	21.54	19.29	16.90	16.02	19.78	22.70	26.31	23.27	28.24	33.09	33.10	34.68	30.69	34.33	33.24	34.51	31.45	31.77	30.94	32.90	46.62	38.49	25.28	30.13
355683	-0.33	-0.24	-0.17	-0.20	-0.23	-0.19	-0.27	-0.26	-0.29	-0.37	-0.47	-0.57	-0.46	-0.55	-0.46	-0.44	-0.44	-0.45	-0.38	-0.33	-0.37	-0.43	-0.28	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.71	1.07	1.26	1.35	1.07	1.04	1.00	0.80	0.00	0.00	0.00	0.00
ALBANY___1	22.28	19.89	17.39	16.52	20.35	23.11	26.94	23.89	28.99	34.07	34.27	35.59	30.66	33.90	32.41	33.37	30.72	31.14	30.23	32.55	48.02	39.65	25.99	30.90
23571	0.41	0.35	0.32	0.31	0.34	0.22	0.35	0.36	0.46	0.61	0.69	0.84	0.78	0.95	0.96	0.86	0.77	0.79	0.70	0.76	1.03	0.73	0.42	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	1.98	3.00	3.52	3.79	3.00	2.90	2.79	2.23	0.00	0.00	0.00	0.00
ALBANY___2	22.28	19.89	17.39	16.52	20.35	23.11	26.94	23.89	28.99	34.07	34.27	35.59	30.66	33.90	32.41	33.37	30.72	31.14	30.23	32.55	48.02	39.65	25.99	30.90
23572	0.41	0.35	0.32	0.31	0.34	0.22	0.35	0.36	0.46	0.61	0.69	0.84	0.78	0.95	0.96	0.86	0.77	0.79	0.70	0.76	1.03	0.73	0.42	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	1.98	3.00	3.52	3.79	3.00	2.90	2.79	2.23	0.00	0.00	0.00	0.00
ALBANY___3	22.28	19.89	17.39	16.52	20.35	23.11	26.94	23.89	28.99	34.07	34.27	35.59	30.66	33.90	32.41	33.37	30.72	31.14	30.23	32.55	48.02	39.65	25.99	30.90
23573	0.41	0.35	0.32	0.31	0.34	0.22	0.35	0.36	0.46	0.61	0.69	0.84	0.78	0.95	0.96	0.86	0.77	0.79	0.70	0.76	1.03	0.73	0.42	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	1.98	3.00	3.52	3.79	3.00	2.90	2.79	2.23	0.00	0.00	0.00	0.00

ALBANY___4 23574	22.28 0.41 0.00	19.89 0.35 0.00	17.39 0.32 0.00	16.52 0.31 0.00	20.35 0.34 0.00	23.11 0.22 0.00	26.94 0.35 0.00	23.89 0.36 0.00	28.99 0.46 0.00	34.07 0.61 0.00	34.27 0.69 0.00	35.59 0.84 0.76	30.66 0.78 1.98	33.90 0.95 3.00	32.41 0.96 3.52	33.37 0.86 3.79	30.72 0.77 3.00	31.14 0.79 2.90	30.23 0.70 2.79	32.55 0.76 2.23	48.02 1.03 0.00	39.65 0.73 0.00	25.99 0.42 0.00	30.90 0.46 0.00
ALBANY___LFGE 323615	22.50 0.64 0.00	20.09 0.56 0.00	17.57 0.50 0.00	16.69 0.48 0.00	20.56 0.55 0.00	23.36 0.47 0.00	27.23 0.64 0.00	24.15 0.62 0.00	29.32 0.79 0.00	34.48 1.02 0.00	34.67 1.10 0.00	36.03 1.28 0.77	31.04 1.18 2.00	34.33 1.41 3.04	32.83 1.42 3.55	33.79 1.32 3.82	31.10 1.18 3.03	31.53 1.20 2.93	30.59 1.09 2.82	32.94 1.16 2.25	48.57 1.58 0.00	40.08 1.16 0.00	26.28 0.72 0.00	31.24 0.80 0.00
ALCOA_PA_115KV_PL-6C 55860	21.56 -0.30 0.00	19.31 -0.22 0.00	16.92 -0.16 0.00	16.04 -0.18 0.00	19.81 -0.20 0.00	22.75 -0.14 0.00	26.37 -0.22 0.00	23.32 -0.21 0.00	28.31 -0.22 0.00	33.16 -0.30 0.00	33.17 -0.40 0.00	34.75 -0.48 0.29	30.72 -0.38 0.76	34.35 -0.46 1.15	33.25 -0.37 1.34	34.51 -0.34 1.45	31.44 -0.37 1.15	31.76 -0.39 1.11	30.94 -0.31 1.07	32.93 -0.24 0.85	46.75 -0.24 0.00	38.56 -0.35 0.00	25.32 -0.24 0.00	30.17 -0.27 0.00
ALCOA_RYNLDS___DRP 24188	21.56 -0.30 0.00	19.31 -0.22 0.00	16.92 -0.16 0.00	16.04 -0.18 0.00	19.81 -0.20 0.00	22.75 -0.14 0.00	26.37 -0.22 0.00	23.32 -0.21 0.00	28.31 -0.22 0.00	33.16 -0.30 0.00	33.17 -0.40 0.00	34.75 -0.48 0.29	30.72 -0.38 0.76	34.35 -0.46 1.15	33.25 -0.37 1.34	34.51 -0.34 1.45	31.44 -0.37 1.15	31.76 -0.39 1.11	30.94 -0.31 1.07	32.93 -0.24 0.85	46.75 -0.24 0.00	38.56 -0.35 0.00	25.32 -0.24 0.00	30.17 -0.27 0.00
ALCOA___DSASP 323711	21.56 -0.31 0.00	19.31 -0.23 0.00	16.92 -0.16 0.00	16.04 -0.18 0.00	19.81 -0.20 0.00	22.75 -0.14 0.00	26.37 -0.22 0.00	23.32 -0.21 0.00	28.31 -0.22 0.00	33.16 -0.30 0.00	33.18 -0.40 0.00	34.75 -0.49 0.29	30.72 -0.38 0.76	34.35 -0.46 1.15	33.25 -0.37 1.34	34.51 -0.34 1.45	31.44 -0.37 1.15	31.75 -0.39 1.11	30.94 -0.31 1.07	32.93 -0.24 0.85	46.75 -0.24 0.00	38.57 -0.35 0.00	25.32 -0.24 0.00	30.17 -0.27 0.00
ALLEGHENY___COGEN 23514	22.76 0.90 0.00	20.44 0.91 0.00	17.85 0.78 0.00	16.89 0.67 0.00	21.14 1.13 0.00	24.06 1.18 0.00	28.17 1.58 0.00	24.85 1.32 0.00	30.05 1.51 0.00	35.32 1.86 0.00	35.18 1.61 0.00	35.83 1.34 1.03	30.00 0.80 2.66	32.59 0.67 4.04	30.31 0.07 4.72	31.61 0.40 5.09	29.48 0.56 4.04	29.95 0.60 3.90	29.59 1.04 3.76	32.31 1.27 2.98	48.91 1.92 0.00	40.91 1.99 0.00	27.08 1.52 0.00	32.20 1.76 0.00
ALTAMONT_115KV_TB 2 55880	22.57 0.71 0.00	20.16 0.62 0.00	17.61 0.54 0.00	16.73 0.51 0.00	20.62 0.60 0.00	23.45 0.56 0.00	27.32 0.74 0.00	24.25 0.73 0.00	29.42 0.88 0.00	34.54 1.08 0.00	34.73 1.15 0.00	36.08 1.32 0.76	31.09 1.19 1.97	34.37 1.40 2.99	32.86 1.39 3.50	33.88 1.35 3.76	31.20 1.23 2.99	31.63 1.25 2.88	30.71 1.16 2.77	33.02 1.22 2.21	48.63 1.64 0.00	40.20 1.29 0.00	26.37 0.81 0.00	31.35 0.91 0.00
ALTONA_WT_PWR 323606	21.80 -0.06 0.00	19.60 0.06 0.00	17.23 0.16 0.00	16.41 0.20 0.00	20.30 0.29 0.00	23.26 0.37 0.00	27.26 0.67 0.00	24.27 0.74 0.00	29.56 1.02 0.00	34.49 1.03 0.00	34.32 0.74 0.00	35.86 0.63 0.28	31.62 0.49 0.72	35.48 0.63 1.10	34.48 0.81 1.29	35.91 1.01 1.39	32.66 0.81 1.10	33.01 0.82 1.06	32.08 0.78 1.02	34.13 0.93 0.82	48.28 1.29 0.00	39.59 0.68 0.00	26.00 0.44 0.00	31.03 0.60 0.00
AMERICAN_REF_FUEL 24010	21.37 -0.49 0.00	19.38 -0.16 0.00	16.99 -0.09 0.00	16.05 -0.16 0.00	20.06 0.05 0.00	22.83 -0.06 0.00	26.43 -0.16 0.00	23.03 -0.50 0.00	27.93 -0.60 0.00	32.81 -0.65 0.00	32.65 -0.93 0.00	33.19 -1.25 1.08	27.41 -1.65 2.80	29.66 -2.04 4.25	27.31 -2.68 4.98	28.44 -2.50 5.36	26.61 -2.10 4.25	27.13 -2.02 4.10	26.40 -1.97 3.95	28.72 -2.17 3.12	43.82 -3.17 0.00	37.03 -1.88 0.00	24.87 -0.69 0.00	29.80 -0.64 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.12 0.25 0.00	19.90 0.37 0.00	17.09 0.02 0.00	16.30 0.08 0.00	20.47 0.46 0.00	23.31 0.42 0.00	27.36 0.77 0.00	23.99 0.47 0.00	29.25 0.72 0.00	34.52 1.05 0.00	34.62 1.04 0.00	35.32 0.84 1.05	29.41 0.28 2.72	32.26 0.45 4.14	29.93 -0.19 4.84	31.21 0.13 5.21	29.02 0.20 4.13	29.47 0.20 3.99	28.61 0.11 3.83	31.01 0.03 3.04	46.73 -0.26 0.00	39.25 0.33 0.00	26.13 0.57 0.00	31.18 0.74 0.00
ARTHUR_KILL_GT_1 23520	23.34 1.48 0.00	20.77 1.23 0.00	18.04 0.97 0.00	17.17 0.96 0.00	21.11 1.10 0.00	24.08 1.19 0.00	28.17 1.58 0.00	25.21 1.68 0.00	30.35 1.82 0.00	35.53 2.08 0.00	35.77 2.19 0.00	37.27 2.46 0.71	30.16 2.27 3.97	31.17 2.63 7.41	33.82 2.68 3.83	35.51 2.74 3.53	32.71 2.55 2.80	33.13 2.58 2.70	32.10 2.39 2.60	34.45 2.50 2.08	50.38 3.39 0.00	41.74 2.82 0.00	27.44 1.88 0.00	32.41 1.98 0.00
ARTHUR_KILL_2 23512	23.27 1.41 0.00	20.71 1.17 0.00	17.98 0.91 0.00	17.12 0.91 0.00	21.04 1.03 0.00	24.01 1.12 0.00	28.09 1.50 0.00	25.13 1.60 0.00	30.26 1.73 0.00	35.42 1.96 0.00	35.66 2.09 0.00	37.14 2.33 0.71	30.05 2.16 3.97	31.04 2.50 7.41	33.68 2.55 3.83	35.37 2.61 3.53	32.59 2.44 2.80	33.01 2.46 2.70	31.98 2.26 2.60	34.32 2.37 2.08	50.19 3.20 0.00	41.60 2.68 0.00	27.34 1.78 0.00	32.31 1.88 0.00
ARTHUR_KILL_3 23513	23.13 1.27 0.00	20.58 1.04 0.00	17.87 0.80 0.00	17.03 0.81 0.00	20.93 0.92 0.00	23.85 0.96 0.00	27.90 1.31 0.00	24.99 1.46 0.00	30.19 1.65 0.00	35.41 1.95 0.00	35.67 2.10 0.00	37.16 2.35 0.71	29.90 2.19 4.15	31.10 2.56 7.41	33.73 2.59 3.82	35.41 2.65 3.53	32.60 2.45 2.80	33.01 2.46 2.70	31.95 2.23 2.60	34.21 2.26 2.08	50.05 3.06 0.00	41.56 2.64 0.00	27.25 1.68 0.00	32.29 1.86 0.00
ARTHUR_KILL_COGEN 323718	23.34 1.48 0.00	20.77 1.23 0.00	18.04 0.97 0.00	17.17 0.96 0.00	21.11 1.10 0.00	24.08 1.19 0.00	28.17 1.58 0.00	25.21 1.68 0.00	30.35 1.82 0.00	35.53 2.08 0.00	35.77 2.19 0.00	37.27 2.46 0.71	30.16 2.27 3.97	31.17 2.63 7.41	33.82 2.68 3.83	35.51 2.74 3.53	32.71 2.55 2.80	33.13 2.58 2.70	32.10 2.39 2.60	34.45 2.50 2.08	50.38 3.39 0.00	41.74 2.82 0.00	27.44 1.88 0.00	32.41 1.98 0.00
ASHOKAN____ 23654	22.96 1.10 0.00	20.50 0.97 0.00	17.91 0.84 0.00	17.02 0.80 0.00	20.99 0.97 0.00	23.86 0.97 0.00	27.86 1.27 0.00	24.80 1.27 0.00	30.14 1.61 0.00	35.41 1.95 0.00	35.61 2.04 0.00	36.91 2.12 0.73	31.78 1.82 1.90	35.18 2.12 2.89	33.59 2.02 3.38	34.68 2.03 3.64	31.66 1.60 2.89	32.29 1.83 2.79	31.45 1.82 2.69	33.76 1.89 2.14	49.55 2.56 0.00	40.89 1.97 0.00	26.74 1.17 0.00	31.70 1.27 0.00

ASTORIA_EAST_ENERGY_CC1 323581	23.24 1.38 0.00	20.69 1.16 0.00	17.97 0.89 0.00	17.10 0.88 0.00	20.98 0.97 0.00	23.95 1.06 0.00	28.06 1.48 0.00	25.13 1.60 0.00	30.34 1.81 0.00	35.59 2.12 0.00	35.84 2.26 0.00	37.33 2.52 0.71	32.35 2.34 1.84	35.80 2.65 2.80	34.36 2.68 3.28	35.53 2.76 3.53	32.74 2.58 2.80	33.14 2.59 2.70	32.03 2.31 2.60	34.35 2.40 2.08	50.15 3.16 0.00	41.60 2.68 0.00	27.31 1.75 0.00	32.37 1.93 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.24 1.38 0.00	20.69 1.16 0.00	17.97 0.89 0.00	17.10 0.88 0.00	20.98 0.97 0.00	23.95 1.06 0.00	28.06 1.48 0.00	25.13 1.60 0.00	30.34 1.81 0.00	35.59 2.12 0.00	35.84 2.26 0.00	37.33 2.52 0.71	32.35 2.34 1.84	35.79 2.64 2.80	34.36 2.68 3.28	35.53 2.76 3.53	32.74 2.58 2.80	33.14 2.59 2.70	32.03 2.31 2.60	34.35 2.40 2.08	50.15 3.16 0.00	41.60 2.68 0.00	27.31 1.75 0.00	32.37 1.93 0.00
ASTORIA_GT2_1 24094	23.26 1.39 0.00	20.69 1.16 0.00	17.97 0.90 0.00	17.10 0.88 0.00	20.99 0.98 0.00	23.96 1.07 0.00	28.09 1.50 0.00	25.15 1.62 0.00	30.35 1.82 0.00	35.61 2.15 0.00	35.85 2.28 0.00	37.35 2.54 0.71	32.37 2.36 1.84	35.82 2.67 2.80	34.39 2.70 3.28	35.56 2.80 3.53	32.75 2.60 2.80	33.16 2.61 2.70	32.04 2.33 2.60	34.36 2.41 2.08	50.18 3.19 0.00	41.64 2.72 0.00	27.33 1.76 0.00	32.39 1.95 0.00
ASTORIA_GT2_2 24095	23.26 1.39 0.00	20.69 1.16 0.00	17.97 0.90 0.00	17.10 0.88 0.00	20.99 0.98 0.00	23.96 1.07 0.00	28.09 1.50 0.00	25.15 1.62 0.00	30.35 1.82 0.00	35.61 2.15 0.00	35.85 2.28 0.00	37.35 2.54 0.71	32.37 2.36 1.84	35.82 2.67 2.80	34.39 2.70 3.28	35.56 2.80 3.53	32.75 2.60 2.80	33.16 2.61 2.70	32.04 2.33 2.60	34.36 2.41 2.08	50.18 3.19 0.00	41.64 2.72 0.00	27.33 1.76 0.00	32.39 1.95 0.00
ASTORIA_GT2_3 24096	23.26 1.39 0.00	20.69 1.16 0.00	17.97 0.90 0.00	17.10 0.88 0.00	20.99 0.98 0.00	23.96 1.07 0.00	28.09 1.50 0.00	25.15 1.62 0.00	30.35 1.82 0.00	35.61 2.15 0.00	35.85 2.28 0.00	37.35 2.54 0.71	32.37 2.36 1.84	35.82 2.67 2.80	34.39 2.70 3.28	35.56 2.80 3.53	32.75 2.60 2.80	33.16 2.61 2.70	32.04 2.33 2.60	34.36 2.41 2.08	50.18 3.19 0.00	41.64 2.72 0.00	27.33 1.76 0.00	32.39 1.95 0.00
ASTORIA_GT2_4 24097	23.26 1.39 0.00	20.69 1.16 0.00	17.97 0.90 0.00	17.10 0.88 0.00	20.99 0.98 0.00	23.96 1.07 0.00	28.09 1.50 0.00	25.15 1.62 0.00	30.35 1.82 0.00	35.61 2.15 0.00	35.85 2.28 0.00	37.35 2.54 0.71	32.37 2.36 1.84	35.82 2.67 2.80	34.39 2.70 3.28	35.56 2.80 3.53	32.75 2.60 2.80	33.16 2.61 2.70	32.04 2.33 2.60	34.36 2.41 2.08	50.18 3.19 0.00	41.64 2.72 0.00	27.33 1.76 0.00	32.39 1.95 0.00
ASTORIA_GT3_1 24098	23.26 1.39 0.00	20.69 1.16 0.00	17.97 0.90 0.00	17.10 0.88 0.00	20.99 0.98 0.00	23.96 1.07 0.00	28.09 1.50 0.00	25.15 1.62 0.00	30.35 1.82 0.00	35.61 2.15 0.00	35.85 2.28 0.00	37.35 2.54 0.71	32.37 2.36 1.84	35.82 2.67 2.80	34.39 2.70 3.28	35.56 2.80 3.53	32.75 2.60 2.80	33.16 2.61 2.70	32.04 2.33 2.60	34.36 2.41 2.08	50.18 3.19 0.00	41.64 2.72 0.00	27.33 1.76 0.00	32.39 1.95 0.00
ASTORIA_GT3_2 24099	23.26 1.39 0.00	20.69 1.16 0.00	17.97 0.90 0.00	17.10 0.88 0.00	20.99 0.98 0.00	23.96 1.07 0.00	28.09 1.50 0.00	25.15 1.62 0.00	30.35 1.82 0.00	35.61 2.15 0.00	35.85 2.28 0.00	37.35 2.54 0.71	32.37 2.36 1.84	35.82 2.67 2.80	34.39 2.70 3.28	35.56 2.80 3.53	32.75 2.60 2.80	33.16 2.61 2.70	32.04 2.33 2.60	34.36 2.41 2.08	50.18 3.19 0.00	41.64 2.72 0.00	27.33 1.76 0.00	32.39 1.95 0.00
ASTORIA_GT3_3 24100	23.26 1.39 0.00	20.69 1.16 0.00	17.97 0.90 0.00	17.10 0.88 0.00	20.99 0.98 0.00	23.96 1.07 0.00	28.09 1.50 0.00	25.15 1.62 0.00	30.35 1.82 0.00	35.61 2.15 0.00	35.85 2.28 0.00	37.35 2.54 0.71	32.37 2.36 1.84	35.82 2.67 2.80	34.39 2.70 3.28	35.56 2.80 3.53	32.75 2.60 2.80	33.16 2.61 2.70	32.04 2.33 2.60	34.36 2.41 2.08	50.18 3.19 0.00	41.64 2.72 0.00	27.33 1.76 0.00	32.39 1.95 0.00
ASTORIA_GT3_4 24101	23.26 1.39 0.00	20.69 1.16 0.00	17.97 0.90 0.00	17.10 0.88 0.00	20.99 0.98 0.00	23.96 1.07 0.00	28.09 1.50 0.00	25.15 1.62 0.00	30.35 1.82 0.00	35.61 2.15 0.00	35.85 2.28 0.00	37.35 2.54 0.71	32.37 2.36 1.84	35.82 2.67 2.80	34.39 2.70 3.28	35.56 2.80 3.53	32.75 2.60 2.80	33.16 2.61 2.70	32.04 2.33 2.60	34.36 2.41 2.08	50.18 3.19 0.00	41.64 2.72 0.00	27.33 1.76 0.00	32.39 1.95 0.00
ASTORIA_GT4_1 24102	23.26 1.39 0.00	20.69 1.16 0.00	17.97 0.90 0.00	17.10 0.88 0.00	20.99 0.98 0.00	23.96 1.07 0.00	28.09 1.50 0.00	25.15 1.62 0.00	30.35 1.82 0.00	35.61 2.15 0.00	35.85 2.28 0.00	37.35 2.54 0.71	32.37 2.36 1.84	35.82 2.67 2.80	34.39 2.70 3.28	35.56 2.80 3.53	32.75 2.60 2.80	33.16 2.61 2.70	32.04 2.33 2.60	34.36 2.41 2.08	50.18 3.19 0.00	41.64 2.72 0.00	27.33 1.76 0.00	32.39 1.95 0.00
ASTORIA_GT4_2 24103	23.26 1.39 0.00	20.69 1.16 0.00	17.97 0.90 0.00	17.10 0.88 0.00	20.99 0.98 0.00	23.96 1.07 0.00	28.09 1.50 0.00	25.15 1.62 0.00	30.35 1.82 0.00	35.61 2.15 0.00	35.85 2.28 0.00	37.35 2.54 0.71	32.37 2.36 1.84	35.82 2.67 2.80	34.39 2.70 3.28	35.56 2.80 3.53	32.75 2.60 2.80	33.16 2.61 2.70	32.04 2.33 2.60	34.36 2.41 2.08	50.18 3.19 0.00	41.64 2.72 0.00	27.33 1.76 0.00	32.39 1.95 0.00
ASTORIA_GT4_3 24104	23.26 1.39 0.00	20.69 1.16 0.00	17.97 0.90 0.00	17.10 0.88 0.00	20.99 0.98 0.00	23.96 1.07 0.00	28.09 1.50 0.00	25.15 1.62 0.00	30.35 1.82 0.00	35.61 2.15 0.00	35.85 2.28 0.00	37.35 2.54 0.71	32.37 2.36 1.84	35.82 2.67 2.80	34.39 2.70 3.28	35.56 2.80 3.53	32.75 2.60 2.80	33.16 2.61 2.70	32.04 2.33 2.60	34.36 2.41 2.08	50.18 3.19 0.00	41.64 2.72 0.00	27.33 1.76 0.00	32.39 1.95 0.00
ASTORIA_GT4_4 24105	23.26 1.39 0.00	20.69 1.16 0.00	17.97 0.90 0.00	17.10 0.88 0.00	20.99 0.98 0.00	23.96 1.07 0.00	28.09 1.50 0.00	25.15 1.62 0.00	30.35 1.82 0.00	35.61 2.15 0.00	35.85 2.28 0.00	37.35 2.54 0.71	32.37 2.36 1.84	35.82 2.67 2.80	34.39 2.70 3.28	35.56 2.80 3.53	32.75 2.60 2.80	33.16 2.61 2.70	32.04 2.33 2.60	34.36 2.41 2.08	50.18 3.19 0.00	41.64 2.72 0.00	27.33 1.76 0.00	32.39 1.95 0.00
ASTORIA_GT_1 23523	23.30 1.44 0.00	20.74 1.21 0.00	18.00 0.93 0.00	17.13 0.92 0.00	21.03 1.02 0.00	24.00 1.11 0.00	28.14 1.55 0.00	25.20 1.67 0.00	30.43 1.89 0.00	35.69 2.22 0.00	35.94 2.36 0.00	37.43 2.62 0.71	32.45 2.44 1.84	35.91 2.75 2.80	34.47 2.79 3.28	35.64 2.87 3.53	32.84 2.68 2.80	33.24 2.69 2.70	32.12 2.41 2.60	34.45 2.50 2.08	50.29 3.30 0.00	41.72 2.80 0.00	27.38 1.82 0.00	32.45 2.02 0.00

ASTORIA_GT_10 24110	23.26 1.40 0.00	20.69 1.15 0.00	17.97 0.90 0.00	17.11 0.90 0.00	21.03 1.01 0.00	23.98 1.09 0.00	28.11 1.52 0.00	25.18 1.66 0.00	30.44 1.90 0.00	35.70 2.24 0.00	35.95 2.37 0.00	37.44 2.63 0.71	32.46 2.45 1.84	35.97 2.81 2.80	34.51 2.83 3.28	35.66 2.89 3.53	32.82 2.66 2.80	33.21 2.66 2.70	32.10 2.38 2.60	34.40 2.46 2.08	50.27 3.28 0.00	41.71 2.80 0.00	27.36 1.80 0.00	32.42 1.98 0.00
ASTORIA_GT_11 24225	23.26 1.40 0.00	20.69 1.15 0.00	17.97 0.90 0.00	17.11 0.90 0.00	21.03 1.01 0.00	23.98 1.09 0.00	28.11 1.52 0.00	25.18 1.66 0.00	30.44 1.90 0.00	35.70 2.24 0.00	35.95 2.37 0.00	37.44 2.63 0.71	32.46 2.45 1.84	35.97 2.81 2.80	34.51 2.83 3.28	35.66 2.89 3.53	32.82 2.66 2.80	33.21 2.66 2.70	32.10 2.38 2.60	34.40 2.46 2.08	50.27 3.28 0.00	41.71 2.80 0.00	27.36 1.80 0.00	32.42 1.98 0.00
ASTORIA_GT_12 24226	23.26 1.40 0.00	20.69 1.15 0.00	17.97 0.90 0.00	17.11 0.90 0.00	21.03 1.01 0.00	23.98 1.09 0.00	28.11 1.52 0.00	25.18 1.66 0.00	30.44 1.90 0.00	35.70 2.24 0.00	35.95 2.37 0.00	37.44 2.63 0.71	32.46 2.45 1.84	35.97 2.81 2.80	34.51 2.83 3.28	35.66 2.89 3.53	32.82 2.66 2.80	33.21 2.66 2.70	32.10 2.38 2.60	34.40 2.46 2.08	50.27 3.28 0.00	41.71 2.80 0.00	27.36 1.80 0.00	32.42 1.98 0.00
ASTORIA_GT_13 24227	23.26 1.40 0.00	20.69 1.15 0.00	17.97 0.90 0.00	17.11 0.90 0.00	21.03 1.01 0.00	23.98 1.09 0.00	28.11 1.52 0.00	25.18 1.66 0.00	30.44 1.90 0.00	35.70 2.24 0.00	35.95 2.37 0.00	37.44 2.63 0.71	32.46 2.45 1.84	35.97 2.81 2.80	34.51 2.83 3.28	35.66 2.89 3.53	32.82 2.66 2.80	33.21 2.66 2.70	32.10 2.38 2.60	34.40 2.46 2.08	50.27 3.28 0.00	41.71 2.80 0.00	27.36 1.80 0.00	32.42 1.98 0.00
ASTORIA_GT_5 24106	23.30 1.44 0.00	20.74 1.21 0.00	18.00 0.93 0.00	17.13 0.92 0.00	21.03 1.02 0.00	24.00 1.11 0.00	28.14 1.55 0.00	25.20 1.67 0.00	30.43 1.89 0.00	35.69 2.22 0.00	35.94 2.36 0.00	37.43 2.62 0.71	32.45 2.44 1.84	35.91 2.75 2.80	34.47 2.79 3.28	35.64 2.87 3.53	32.84 2.68 2.80	33.24 2.69 2.70	32.12 2.41 2.60	34.45 2.50 2.08	50.29 3.30 0.00	41.72 2.80 0.00	27.38 1.82 0.00	32.45 2.02 0.00
ASTORIA_GT_7 24107	23.30 1.44 0.00	20.74 1.21 0.00	18.00 0.93 0.00	17.13 0.92 0.00	21.03 1.02 0.00	24.00 1.11 0.00	28.14 1.55 0.00	25.20 1.67 0.00	30.43 1.89 0.00	35.69 2.22 0.00	35.94 2.36 0.00	37.43 2.62 0.71	32.45 2.44 1.84	35.91 2.75 2.80	34.47 2.79 3.28	35.64 2.87 3.53	32.84 2.68 2.80	33.24 2.69 2.70	32.12 2.41 2.60	34.45 2.50 2.08	50.29 3.30 0.00	41.72 2.80 0.00	27.38 1.82 0.00	32.45 2.02 0.00
ASTORIA_GT_8 24108	23.30 1.43 0.00	20.73 1.20 0.00	18.00 0.92 0.00	17.13 0.91 0.00	21.02 1.01 0.00	24.00 1.12 0.00	28.14 1.55 0.00	25.20 1.67 0.00	30.42 1.89 0.00	35.68 2.22 0.00	35.94 2.36 0.00	37.43 2.62 0.71	32.45 2.43 1.84	35.90 2.76 2.80	34.47 2.79 3.28	35.65 2.88 3.53	32.84 2.68 2.80	33.24 2.69 2.70	32.12 2.41 2.60	34.45 2.51 2.08	50.29 3.30 0.00	41.72 2.80 0.00	27.38 1.82 0.00	32.45 2.02 0.00
ASTORIA___2 24149	23.25 1.39 0.00	20.70 1.16 0.00	17.98 0.91 0.00	17.11 0.89 0.00	20.99 0.98 0.00	23.96 1.08 0.00	28.09 1.50 0.00	25.15 1.62 0.00	30.36 1.83 0.00	35.61 2.16 0.00	35.85 2.28 0.00	37.34 2.53 0.71	32.37 2.35 1.84	35.82 2.67 2.80	34.38 2.70 3.28	35.56 2.79 3.53	32.75 2.59 2.80	33.16 2.61 2.70	32.04 2.33 2.60	34.35 2.41 2.08	50.18 3.19 0.00	41.64 2.72 0.00	27.32 1.76 0.00	32.39 1.95 0.00
ASTORIA___3 23516	23.25 1.39 0.00	20.69 1.16 0.00	17.98 0.90 0.00	17.12 0.90 0.00	21.03 1.02 0.00	23.98 1.09 0.00	28.10 1.52 0.00	25.18 1.65 0.00	30.44 1.91 0.00	35.70 2.24 0.00	35.95 2.37 0.00	37.43 2.62 0.71	32.46 2.45 1.84	35.96 2.81 2.80	34.51 2.83 3.28	35.65 2.89 3.53	32.81 2.66 2.80	33.21 2.65 2.70	32.10 2.38 2.60	34.40 2.45 2.08	50.27 3.28 0.00	41.71 2.79 0.00	27.36 1.80 0.00	32.42 1.98 0.00
ASTORIA___4 23517	23.26 1.40 0.00	20.69 1.15 0.00	17.97 0.90 0.00	17.11 0.90 0.00	21.03 1.01 0.00	23.98 1.09 0.00	28.11 1.52 0.00	25.18 1.66 0.00	30.44 1.90 0.00	35.70 2.24 0.00	35.95 2.37 0.00	37.44 2.63 0.71	32.46 2.45 1.84	35.97 2.81 2.80	34.51 2.83 3.28	35.66 2.89 3.53	32.82 2.66 2.80	33.21 2.66 2.70	32.10 2.38 2.60	34.40 2.46 2.08	50.27 3.28 0.00	41.71 2.80 0.00	27.36 1.80 0.00	32.42 1.98 0.00
ASTORIA___5 23518	23.25 1.39 0.00	20.69 1.16 0.00	17.98 0.90 0.00	17.12 0.90 0.00	21.03 1.02 0.00	23.98 1.10 0.00	28.11 1.52 0.00	25.18 1.65 0.00	30.44 1.91 0.00	35.71 2.24 0.00	35.95 2.37 0.00	37.43 2.62 0.71	32.46 2.45 1.84	35.96 2.81 2.80	34.51 2.83 3.28	35.65 2.89 3.53	32.82 2.66 2.80	33.21 2.65 2.70	32.10 2.38 2.60	34.40 2.45 2.08	50.27 3.28 0.00	41.71 2.79 0.00	27.36 1.80 0.00	32.42 1.98 0.00
AST_ENERGY_2_CC3 323677	23.20 1.33 0.00	20.63 1.10 0.00	17.93 0.85 0.00	17.07 0.85 0.00	20.99 0.97 0.00	23.90 1.02 0.00	27.99 1.40 0.00	25.07 1.54 0.00	30.30 1.77 0.00	35.56 2.10 0.00	35.82 2.25 0.00	37.30 2.49 0.71	32.34 2.33 1.84	35.86 2.71 2.80	34.40 2.72 3.28	35.56 2.79 3.53	32.72 2.56 2.80	33.12 2.57 2.70	32.03 2.32 2.60	34.30 2.36 2.08	50.19 3.20 0.00	41.65 2.74 0.00	27.30 1.74 0.00	32.38 1.94 0.00
AST_ENERGY_2_CC4 323678	23.20 1.33 0.00	20.63 1.10 0.00	17.93 0.85 0.00	17.07 0.85 0.00	20.99 0.97 0.00	23.90 1.02 0.00	27.99 1.40 0.00	25.07 1.54 0.00	30.30 1.77 0.00	35.56 2.10 0.00	35.82 2.25 0.00	37.30 2.49 0.71	32.34 2.33 1.84	35.86 2.71 2.80	34.40 2.72 3.28	35.56 2.79 3.53	32.72 2.56 2.80	33.12 2.57 2.70	32.03 2.32 2.60	34.30 2.36 2.08	50.19 3.20 0.00	41.65 2.74 0.00	27.30 1.74 0.00	32.38 1.94 0.00
ATHENS_STG_1 23668	22.74 0.87 0.00	20.29 0.75 0.00	17.68 0.61 0.00	16.81 0.60 0.00	20.71 0.70 0.00	23.56 0.67 0.00	27.50 0.91 0.00	24.47 0.94 0.00	29.65 1.12 0.00	34.80 1.34 0.00	35.01 1.43 0.00	36.40 1.62 0.74	31.42 1.48 1.91	34.75 1.70 2.91	33.25 1.69 3.40	34.32 1.69 3.67	31.60 1.56 2.91	32.03 1.58 2.81	31.06 1.45 2.70	33.36 1.49 2.16	48.99 2.00 0.00	40.55 1.63 0.00	26.60 1.04 0.00	31.61 1.18 0.00
ATHENS_STG_2 23670	22.74 0.87 0.00	20.29 0.75 0.00	17.68 0.61 0.00	16.81 0.60 0.00	20.71 0.70 0.00	23.56 0.67 0.00	27.50 0.91 0.00	24.47 0.94 0.00	29.65 1.12 0.00	34.80 1.34 0.00	35.01 1.43 0.00	36.40 1.62 0.74	31.42 1.48 1.91	34.75 1.70 2.91	33.25 1.69 3.40	34.32 1.69 3.67	31.60 1.56 2.91	32.03 1.58 2.81	31.06 1.45 2.70	33.36 1.49 2.16	48.99 2.00 0.00	40.55 1.63 0.00	26.60 1.04 0.00	31.61 1.18 0.00

ATHENS_STG_3 23677	22.74 0.87 0.00	20.29 0.75 0.00	17.68 0.61 0.00	16.81 0.60 0.00	20.71 0.70 0.00	23.56 0.67 0.00	27.50 0.91 0.00	24.47 0.94 0.00	29.65 1.12 0.00	34.80 1.34 0.00	35.01 1.43 0.00	36.40 1.62 0.74	31.42 1.48 1.91	34.75 1.70 2.91	33.25 1.69 3.40	34.32 1.69 3.67	31.60 1.56 2.91	32.03 1.58 2.81	31.06 1.45 2.70	33.36 1.49 2.16	48.99 2.00 0.00	40.55 1.63 0.00	26.60 1.04 0.00	31.61 1.18 0.00
AUBURN____LFGE 323710	22.38 0.52 0.00	19.88 0.34 0.00	17.39 0.32 0.00	16.52 0.30 0.00	20.52 0.51 0.00	23.37 0.48 0.00	27.37 0.79 0.00	24.16 0.63 0.00	29.31 0.77 0.00	34.39 0.93 0.00	34.62 1.05 0.00	35.91 1.05 0.66	30.97 0.82 1.71	34.24 0.89 2.60	32.60 0.69 3.04	33.83 0.81 3.28	31.22 0.86 2.60	31.64 0.90 2.51	30.76 0.86 2.42	32.89 0.82 1.95	47.72 0.73 0.00	39.57 0.65 0.00	26.12 0.56 0.00	31.07 0.63 0.00
BABYLON_RES_REC 323704	23.80 1.94 0.00	21.21 1.67 0.00	18.39 1.32 0.00	17.49 1.27 0.00	21.54 1.53 0.00	24.57 1.68 0.00	28.83 2.24 0.00	25.86 2.34 0.00	31.36 2.82 0.00	36.54 3.08 0.00	36.91 3.33 0.00	38.07 3.26 0.71	33.04 2.97 1.79	36.30 3.14 2.80	34.54 2.86 3.28	35.80 3.04 3.53	33.06 2.90 2.80	33.27 2.72 2.70	32.17 2.46 2.60	34.48 2.54 2.08	50.67 3.68 0.00	42.52 3.60 0.00	28.02 2.45 0.00	33.26 2.82 0.00
BABYLON__69_KV_BK2 356345	24.08 2.22 0.00	21.43 1.90 0.00	18.59 1.52 0.00	17.68 1.46 0.00	21.77 1.76 0.00	24.86 1.97 0.00	29.17 2.58 0.00	26.18 2.65 0.00	31.77 3.24 0.00	36.99 3.53 0.00	37.40 3.83 0.00	38.80 3.99 0.71	33.91 3.74 1.69	37.17 4.02 2.80	35.47 3.79 3.28	36.75 3.98 3.53	33.90 3.74 2.80	34.06 3.51 2.70	32.90 3.18 2.60	35.20 3.26 2.08	51.51 4.52 0.00	43.06 4.15 0.00	28.40 2.84 0.00	33.70 3.27 0.00
BARON_WINDS____WT_PWR 323822	21.77 -0.09 0.00	19.57 0.04 0.00	16.97 -0.10 0.00	16.15 -0.07 0.00	20.28 0.27 0.00	22.99 0.10 0.00	26.90 0.31 0.00	23.83 0.30 0.00	28.91 0.37 0.00	33.92 0.46 0.00	34.01 0.44 0.00	34.84 0.28 0.96	29.34 -0.03 2.48	32.20 0.02 3.77	30.21 -0.34 4.41	31.48 -0.07 4.75	29.24 0.04 3.76	29.72 0.11 3.64	28.87 0.06 3.51	31.27 0.04 2.79	46.80 -0.19 0.00	39.17 0.25 0.00	25.92 0.35 0.00	30.86 0.42 0.00
BARRETT_IC_1 23704	23.48 1.62 0.00	20.92 1.39 0.00	18.14 1.06 0.00	17.28 1.06 0.00	21.26 1.25 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.72 2.18 0.00	35.80 2.34 0.00	36.11 2.53 0.00	37.51 2.71 0.71	32.58 2.56 1.84	35.91 2.76 2.80	34.40 2.72 3.28	35.62 2.85 3.53	32.82 2.66 2.80	33.05 2.50 2.70	32.06 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00
BARRETT_IC_10 23701	23.48 1.62 0.00	20.92 1.39 0.00	18.14 1.06 0.00	17.28 1.06 0.00	21.26 1.25 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.72 2.18 0.00	35.80 2.34 0.00	36.11 2.53 0.00	37.51 2.71 0.71	32.58 2.56 1.84	35.91 2.76 2.80	34.40 2.72 3.28	35.62 2.85 3.53	32.82 2.66 2.80	33.05 2.50 2.70	32.06 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00
BARRETT_IC_11 23702	23.48 1.62 0.00	20.92 1.39 0.00	18.14 1.06 0.00	17.28 1.06 0.00	21.26 1.25 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.72 2.18 0.00	35.80 2.34 0.00	36.11 2.53 0.00	37.51 2.71 0.71	32.58 2.56 1.84	35.91 2.76 2.80	34.40 2.72 3.28	35.62 2.85 3.53	32.82 2.66 2.80	33.05 2.50 2.70	32.06 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00
BARRETT_IC_12 23703	23.48 1.62 0.00	20.92 1.39 0.00	18.14 1.06 0.00	17.28 1.06 0.00	21.26 1.25 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.72 2.18 0.00	35.80 2.34 0.00	36.11 2.53 0.00	37.51 2.71 0.71	32.58 2.56 1.84	35.91 2.76 2.80	34.40 2.72 3.28	35.62 2.85 3.53	32.82 2.66 2.80	33.05 2.50 2.70	32.06 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00
BARRETT_IC_2 23705	23.48 1.62 0.00	20.92 1.39 0.00	18.14 1.06 0.00	17.28 1.06 0.00	21.26 1.25 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.72 2.18 0.00	35.80 2.34 0.00	36.11 2.53 0.00	37.51 2.71 0.71	32.58 2.56 1.84	35.91 2.76 2.80	34.40 2.72 3.28	35.62 2.85 3.53	32.82 2.66 2.80	33.05 2.50 2.70	32.06 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00
BARRETT_IC_3 23706	23.48 1.62 0.00	20.92 1.39 0.00	18.14 1.06 0.00	17.28 1.06 0.00	21.26 1.25 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.72 2.18 0.00	35.80 2.34 0.00	36.11 2.53 0.00	37.51 2.71 0.71	32.58 2.56 1.84	35.91 2.76 2.80	34.40 2.72 3.28	35.62 2.85 3.53	32.82 2.66 2.80	33.05 2.50 2.70	32.06 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00
BARRETT_IC_4 23707	23.48 1.62 0.00	20.92 1.39 0.00	18.14 1.06 0.00	17.28 1.06 0.00	21.26 1.25 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.72 2.18 0.00	35.80 2.34 0.00	36.11 2.53 0.00	37.51 2.71 0.71	32.58 2.56 1.84	35.91 2.76 2.80	34.40 2.72 3.28	35.62 2.85 3.53	32.82 2.66 2.80	33.05 2.50 2.70	32.06 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00
BARRETT_IC_5 23708	23.48 1.62 0.00	20.92 1.39 0.00	18.14 1.06 0.00	17.28 1.06 0.00	21.26 1.25 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.72 2.18 0.00	35.80 2.34 0.00	36.11 2.53 0.00	37.51 2.71 0.71	32.58 2.56 1.84	35.91 2.76 2.80	34.40 2.72 3.28	35.62 2.85 3.53	32.82 2.66 2.80	33.05 2.50 2.70	32.06 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00
BARRETT_IC_6 23709	23.48 1.62 0.00	20.92 1.39 0.00	18.14 1.06 0.00	17.28 1.06 0.00	21.26 1.25 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.72 2.18 0.00	35.80 2.34 0.00	36.11 2.53 0.00	37.51 2.71 0.71	32.58 2.56 1.84	35.91 2.76 2.80	34.40 2.72 3.28	35.62 2.85 3.53	32.82 2.66 2.80	33.05 2.50 2.70	32.06 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00
BARRETT_IC_7 23710	23.48 1.62 0.00	20.92 1.38 0.00	18.13 1.06 0.00	17.27 1.05 0.00	21.26 1.24 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.71 2.18 0.00	35.79 2.33 0.00	36.11 2.54 0.00	37.51 2.70 0.71	32.58 2.57 1.84	35.92 2.77 2.80	34.41 2.73 3.28	35.62 2.85 3.53	32.83 2.67 2.80	33.05 2.50 2.70	32.05 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00

BARRETT_IC_8 23711	23.48 1.62 0.00	20.92 1.39 0.00	18.14 1.06 0.00	17.28 1.06 0.00	21.26 1.25 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.72 2.18 0.00	35.80 2.34 0.00	36.11 2.53 0.00	37.51 2.71 0.71	32.58 2.56 1.84	35.91 2.76 2.80	34.40 2.72 3.28	35.62 2.85 3.53	32.82 2.66 2.80	33.05 2.50 2.70	32.06 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00
BARRETT_IC_9 23700	23.48 1.62 0.00	20.92 1.39 0.00	18.14 1.06 0.00	17.28 1.06 0.00	21.26 1.25 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.72 2.18 0.00	35.80 2.34 0.00	36.11 2.53 0.00	37.51 2.71 0.71	32.58 2.56 1.84	35.91 2.76 2.80	34.40 2.72 3.28	35.62 2.85 3.53	32.82 2.66 2.80	33.05 2.50 2.70	32.06 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00
BARRETT___1 23545	23.48 1.62 0.00	20.92 1.39 0.00	18.14 1.06 0.00	17.28 1.06 0.00	21.26 1.25 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.72 2.18 0.00	35.80 2.34 0.00	36.11 2.53 0.00	37.51 2.71 0.71	32.58 2.56 1.84	35.91 2.76 2.80	34.40 2.72 3.28	35.62 2.85 3.53	32.82 2.66 2.80	33.05 2.50 2.70	32.06 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00
BARRETT___2 23546	23.48 1.62 0.00	20.92 1.39 0.00	18.14 1.06 0.00	17.28 1.06 0.00	21.26 1.25 0.00	24.28 1.39 0.00	28.42 1.83 0.00	25.40 1.87 0.00	30.72 2.18 0.00	35.80 2.34 0.00	36.11 2.53 0.00	37.51 2.71 0.71	32.58 2.56 1.84	35.91 2.76 2.80	34.40 2.72 3.28	35.62 2.85 3.53	32.82 2.66 2.80	33.05 2.50 2.70	32.06 2.34 2.60	34.30 2.36 2.08	50.22 3.23 0.00	41.74 2.82 0.00	27.45 1.88 0.00	32.57 2.13 0.00
BATAVIA___115KV_TB1 55881	22.37 0.50 0.00	20.22 0.68 0.00	17.69 0.62 0.00	16.74 0.53 0.00	20.87 0.86 0.00	23.81 0.91 0.00	27.68 1.10 0.00	24.28 0.75 0.00	29.55 1.01 0.00	34.72 1.26 0.00	34.56 0.98 0.00	35.28 0.86 1.09	29.23 0.22 2.84	31.75 0.11 4.32	29.35 -0.57 5.05	30.50 -0.36 5.43	28.44 -0.21 4.31	29.01 -0.08 4.16	28.21 -0.10 4.00	30.66 -0.20 3.16	46.52 -0.47 0.00	39.08 0.17 0.00	26.08 0.52 0.00	31.10 0.66 0.00
BAYONEEC___CTG1 323682	23.22 1.36 0.00	20.65 1.12 0.00	17.94 0.86 0.00	17.08 0.87 0.00	21.01 1.00 0.00	23.93 1.05 0.00	28.02 1.44 0.00	25.10 1.57 0.00	30.31 1.78 0.00	35.58 2.12 0.00	35.84 2.26 0.00	37.32 2.50 0.71	32.36 2.34 1.84	35.88 2.73 2.80	34.42 2.74 3.28	35.58 2.82 3.53	32.73 2.58 2.80	33.14 2.59 2.70	32.06 2.35 2.60	34.33 2.39 2.08	50.22 3.23 0.00	41.69 2.77 0.00	27.34 1.78 0.00	32.41 1.98 0.00
BAYONEEC___CTG10 323750	23.22 1.36 0.00	20.65 1.12 0.00	17.94 0.86 0.00	17.08 0.87 0.00	21.01 1.00 0.00	23.93 1.05 0.00	28.02 1.44 0.00	25.10 1.57 0.00	30.31 1.78 0.00	35.58 2.12 0.00	35.84 2.26 0.00	37.32 2.50 0.71	32.36 2.34 1.84	35.88 2.73 2.80	34.42 2.74 3.28	35.58 2.82 3.53	32.73 2.58 2.80	33.14 2.59 2.70	32.06 2.35 2.60	34.33 2.39 2.08	50.22 3.23 0.00	41.69 2.77 0.00	27.34 1.78 0.00	32.41 1.98 0.00
BAYONEEC___CTG2 323683	23.22 1.36 0.00	20.65 1.12 0.00	17.94 0.86 0.00	17.08 0.87 0.00	21.01 1.00 0.00	23.93 1.05 0.00	28.02 1.44 0.00	25.10 1.57 0.00	30.31 1.78 0.00	35.58 2.12 0.00	35.84 2.26 0.00	37.32 2.50 0.71	32.36 2.34 1.84	35.88 2.73 2.80	34.42 2.74 3.28	35.58 2.82 3.53	32.73 2.58 2.80	33.14 2.59 2.70	32.06 2.35 2.60	34.33 2.39 2.08	50.22 3.23 0.00	41.69 2.77 0.00	27.34 1.78 0.00	32.41 1.98 0.00
BAYONEEC___CTG3 323684	23.22 1.36 0.00	20.65 1.12 0.00	17.94 0.86 0.00	17.08 0.87 0.00	21.01 1.00 0.00	23.93 1.05 0.00	28.02 1.44 0.00	25.10 1.57 0.00	30.31 1.78 0.00	35.58 2.12 0.00	35.84 2.26 0.00	37.32 2.50 0.71	32.36 2.34 1.84	35.88 2.73 2.80	34.42 2.74 3.28	35.58 2.82 3.53	32.73 2.58 2.80	33.14 2.59 2.70	32.06 2.35 2.60	34.33 2.39 2.08	50.22 3.23 0.00	41.69 2.77 0.00	27.34 1.78 0.00	32.41 1.98 0.00
BAYONEEC___CTG4 323685	23.22 1.36 0.00	20.65 1.12 0.00	17.94 0.86 0.00	17.08 0.87 0.00	21.01 1.00 0.00	23.93 1.05 0.00	28.02 1.44 0.00	25.10 1.57 0.00	30.31 1.78 0.00	35.58 2.12 0.00	35.84 2.26 0.00	37.32 2.50 0.71	32.36 2.34 1.84	35.88 2.73 2.80	34.42 2.74 3.28	35.58 2.82 3.53	32.73 2.58 2.80	33.14 2.59 2.70	32.06 2.35 2.60	34.33 2.39 2.08	50.22 3.23 0.00	41.69 2.77 0.00	27.34 1.78 0.00	32.41 1.98 0.00
BAYONEEC___CTG5 323686	23.22 1.36 0.00	20.65 1.12 0.00	17.94 0.86 0.00	17.08 0.87 0.00	21.01 1.00 0.00	23.93 1.05 0.00	28.02 1.44 0.00	25.10 1.57 0.00	30.31 1.78 0.00	35.58 2.12 0.00	35.84 2.26 0.00	37.32 2.50 0.71	32.36 2.34 1.84	35.88 2.73 2.80	34.42 2.74 3.28	35.58 2.82 3.53	32.73 2.58 2.80	33.14 2.59 2.70	32.06 2.35 2.60	34.33 2.39 2.08	50.22 3.23 0.00	41.69 2.77 0.00	27.34 1.78 0.00	32.41 1.98 0.00
BAYONEEC___CTG6 323687	23.22 1.36 0.00	20.65 1.12 0.00	17.94 0.86 0.00	17.08 0.87 0.00	21.01 1.00 0.00	23.93 1.05 0.00	28.02 1.44 0.00	25.10 1.57 0.00	30.31 1.78 0.00	35.58 2.12 0.00	35.84 2.26 0.00	37.32 2.50 0.71	32.36 2.34 1.84	35.88 2.73 2.80	34.42 2.74 3.28	35.58 2.82 3.53	32.73 2.58 2.80	33.14 2.59 2.70	32.06 2.35 2.60	34.33 2.39 2.08	50.22 3.23 0.00	41.69 2.77 0.00	27.34 1.78 0.00	32.41 1.98 0.00
BAYONEEC___CTG7 323688	23.22 1.36 0.00	20.65 1.12 0.00	17.94 0.86 0.00	17.08 0.87 0.00	21.01 1.00 0.00	23.93 1.05 0.00	28.02 1.44 0.00	25.10 1.57 0.00	30.31 1.78 0.00	35.58 2.12 0.00	35.84 2.26 0.00	37.32 2.50 0.71	32.36 2.34 1.84	35.88 2.73 2.80	34.42 2.74 3.28	35.58 2.82 3.53	32.73 2.58 2.80	33.14 2.59 2.70	32.06 2.35 2.60	34.33 2.39 2.08	50.22 3.23 0.00	41.69 2.77 0.00	27.34 1.78 0.00	32.41 1.98 0.00
BAYONEEC___CTG8 323689	23.22 1.36 0.00	20.65 1.12 0.00	17.94 0.86 0.00	17.08 0.87 0.00	21.01 1.00 0.00	23.93 1.05 0.00	28.02 1.44 0.00	25.10 1.57 0.00	30.31 1.78 0.00	35.58 2.12 0.00	35.84 2.26 0.00	37.32 2.50 0.71	32.36 2.34 1.84	35.88 2.73 2.80	34.42 2.74 3.28	35.58 2.82 3.53	32.73 2.58 2.80	33.14 2.59 2.70	32.06 2.35 2.60	34.33 2.39 2.08	50.22 3.23 0.00	41.69 2.77 0.00	27.34 1.78 0.00	32.41 1.98 0.00
BAYONEEC___CTG9 323749	23.22 1.36 0.00	20.65 1.12 0.00	17.94 0.86 0.00	17.08 0.87 0.00	21.01 1.00 0.00	23.93 1.05 0.00	28.02 1.44 0.00	25.10 1.57 0.00	30.31 1.78 0.00	35.58 2.12 0.00	35.84 2.26 0.00	37.32 2.50 0.71	32.36 2.34 1.84	35.88 2.73 2.80	34.42 2.74 3.28	35.58 2.82 3.53	32.73 2.58 2.80	33.14 2.59 2.70	32.06 2.35 2.60	34.33 2.39 2.08	50.22 3.23 0.00	41.69 2.77 0.00	27.34 1.78 0.00	32.41 1.98 0.00

BEACON___LESR 323632	22.63 0.77 0.00	20.19 0.65 0.00	17.60 0.52 0.00	16.74 0.52 0.00	20.66 0.65 0.00	23.49 0.61 0.00	27.39 0.81 0.00	24.31 0.78 0.00	29.51 0.98 0.00	34.70 1.23 0.00	34.85 1.27 0.00	36.13 1.37 0.76	31.16 1.28 1.98	34.61 1.66 3.01	33.07 1.63 3.52	34.06 1.55 3.79	31.35 1.41 3.00	31.85 1.50 2.90	30.89 1.37 2.79	33.25 1.46 2.23	48.91 1.92 0.00	40.33 1.41 0.00	26.42 0.86 0.00	31.40 0.96 0.00
BEAVER RIVER___HYD 24048	21.51 -0.35 0.00	19.14 -0.39 0.00	16.68 -0.39 0.00	15.90 -0.32 0.00	19.72 -0.29 0.00	22.69 -0.20 0.00	26.58 0.00 0.00	23.62 0.09 0.00	28.69 0.15 0.00	33.63 0.17 0.00	33.90 0.33 0.00	35.17 0.34 0.69	30.40 0.33 1.79	33.52 0.29 2.71	31.90 0.11 3.17	32.97 0.09 3.42	30.27 0.03 2.71	30.86 0.22 2.62	30.15 0.35 2.52	32.41 0.41 2.01	47.55 0.56 0.00	39.19 0.28 0.00	25.54 -0.03 0.00	30.18 -0.26 0.00
BEEBEE_GT_13 23619	22.10 0.23 0.00	19.86 0.33 0.00	17.36 0.29 0.00	16.44 0.23 0.00	20.42 0.41 0.00	23.28 0.39 0.00	27.13 0.55 0.00	23.89 0.36 0.00	29.02 0.49 0.00	34.08 0.62 0.00	34.04 0.46 0.00	34.72 0.32 1.12	28.86 -0.09 2.91	31.36 -0.16 4.43	29.16 -0.63 5.18	30.23 -0.48 5.58	28.21 -0.33 4.42	28.78 -0.21 4.27	27.99 -0.22 4.11	30.47 -0.31 3.24	46.39 -0.60 0.00	38.76 -0.16 0.00	25.72 0.16 0.00	30.64 0.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.51 1.65 0.00	20.91 1.38 0.00	18.16 1.09 0.00	17.28 1.06 0.00	21.24 1.23 0.00	24.24 1.35 0.00	28.40 1.81 0.00	25.43 1.90 0.00	30.70 2.16 0.00	35.99 2.53 0.00	36.23 2.65 0.00	37.77 2.96 0.71	32.75 2.74 1.84	36.32 3.17 2.80	34.89 3.21 3.28	36.04 3.27 3.53	33.18 3.02 2.80	33.58 3.03 2.70	32.50 2.79 2.60	34.86 2.92 2.08	50.93 3.94 0.00	42.23 3.31 0.00	27.71 2.14 0.00	32.79 2.35 0.00
BETHLEHEM___GRP 23843	22.28 0.41 0.00	19.89 0.35 0.00	17.39 0.32 0.00	16.52 0.31 0.00	20.35 0.34 0.00	23.11 0.22 0.00	26.94 0.35 0.00	23.89 0.36 0.00	28.99 0.46 0.00	34.07 0.61 0.00	34.27 0.69 0.00	35.59 0.84 0.76	30.66 0.78 1.98	33.90 0.95 3.00	32.41 0.96 3.52	33.37 0.86 3.79	30.72 0.77 3.00	31.14 0.79 2.90	30.23 0.70 2.79	32.55 0.76 2.23	48.02 1.03 0.00	39.65 0.73 0.00	25.99 0.42 0.00	30.90 0.46 0.00
BETHLEHEM___GS1 323560	22.28 0.41 0.00	19.89 0.36 0.00	17.39 0.32 0.00	16.52 0.30 0.00	20.35 0.34 0.00	23.11 0.22 0.00	26.94 0.35 0.00	23.89 0.36 0.00	28.99 0.46 0.00	34.08 0.62 0.00	34.27 0.69 0.00	35.59 0.83 0.76	30.66 0.77 1.98	33.89 0.95 3.00	32.41 0.96 3.52	33.37 0.86 3.79	30.72 0.77 3.00	31.14 0.79 2.90	30.23 0.70 2.79	32.55 0.76 2.23	48.02 1.03 0.00	39.64 0.72 0.00	25.99 0.42 0.00	30.90 0.46 0.00
BETHLEHEM___GS2 323561	22.28 0.41 0.00	19.89 0.36 0.00	17.39 0.32 0.00	16.52 0.30 0.00	20.35 0.34 0.00	23.11 0.22 0.00	26.94 0.35 0.00	23.89 0.36 0.00	28.99 0.46 0.00	34.08 0.62 0.00	34.27 0.69 0.00	35.59 0.83 0.76	30.66 0.77 1.98	33.89 0.95 3.00	32.41 0.96 3.52	33.37 0.86 3.79	30.72 0.77 3.00	31.14 0.79 2.90	30.23 0.70 2.79	32.55 0.76 2.23	48.02 1.03 0.00	39.64 0.72 0.00	25.99 0.42 0.00	30.90 0.46 0.00
BETHLEHEM___GS3 323562	22.28 0.41 0.00	19.89 0.36 0.00	17.39 0.32 0.00	16.52 0.30 0.00	20.35 0.34 0.00	23.11 0.22 0.00	26.94 0.35 0.00	23.89 0.36 0.00	28.99 0.46 0.00	34.08 0.62 0.00	34.27 0.69 0.00	35.59 0.83 0.76	30.66 0.77 1.98	33.89 0.95 3.00	32.41 0.96 3.52	33.37 0.86 3.79	30.72 0.77 3.00	31.14 0.79 2.90	30.23 0.70 2.79	32.55 0.76 2.23	48.02 1.03 0.00	39.64 0.72 0.00	25.99 0.42 0.00	30.90 0.46 0.00
BETHLEHEM___STEEL 23779	21.92 0.06 0.00	19.89 0.36 0.00	17.40 0.33 0.00	16.45 0.23 0.00	20.56 0.55 0.00	23.36 0.48 0.00	27.18 0.59 0.00	23.82 0.29 0.00	28.95 0.42 0.00	34.02 0.56 0.00	33.95 0.38 0.00	34.60 0.14 1.06	28.69 -0.42 2.75	31.24 -0.54 4.18	28.91 -1.16 4.89	30.11 -0.92 5.27	28.07 -0.71 4.18	28.58 -0.65 4.03	27.78 -0.67 3.87	30.14 -0.80 3.07	45.68 -1.31 0.00	38.47 -0.45 0.00	25.71 0.15 0.00	30.72 0.29 0.00
BETHLHEM_115KV_TB1 79974	22.34 0.47 0.00	19.95 0.41 0.00	17.44 0.36 0.00	16.57 0.35 0.00	20.41 0.40 0.00	23.18 0.29 0.00	27.02 0.43 0.00	23.97 0.44 0.00	29.08 0.55 0.00	34.17 0.71 0.00	34.37 0.79 0.00	35.69 0.93 0.76	30.75 0.87 1.97	34.00 1.05 3.00	32.51 1.05 3.51	33.48 0.97 3.78	30.83 0.87 3.00	31.24 0.89 2.90	30.33 0.80 2.79	32.65 0.85 2.22	48.15 1.16 0.00	39.76 0.84 0.00	26.07 0.50 0.00	30.99 0.56 0.00
BETHPAGE_CC_5 323564	23.67 1.81 0.00	21.10 1.56 0.00	18.29 1.22 0.00	17.41 1.19 0.00	21.43 1.42 0.00	24.46 1.57 0.00	28.66 2.08 0.00	25.69 2.16 0.00	31.06 2.53 0.00	36.21 2.75 0.00	36.50 2.92 0.00	37.88 3.07 0.71	32.91 2.87 1.82	36.23 3.08 2.80	34.62 2.94 3.28	35.85 3.09 3.53	33.04 2.89 2.80	33.30 2.75 2.70	32.21 2.50 2.60	34.47 2.53 2.08	50.51 3.51 0.00	42.13 3.22 0.00	27.77 2.20 0.00	33.04 2.60 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.96 0.10 0.00	19.95 0.41 0.00	17.45 0.38 0.00	16.49 0.27 0.00	20.61 0.60 0.00	23.43 0.54 0.00	27.25 0.67 0.00	23.90 0.38 0.00	29.07 0.53 0.00	34.15 0.69 0.00	34.09 0.52 0.00	34.76 0.30 1.06	28.84 -0.28 2.74	31.40 -0.38 4.17	29.08 -1.01 4.87	30.29 -0.76 5.25	28.22 -0.57 4.16	28.73 -0.51 4.01	27.91 -0.54 3.86	30.30 -0.66 3.06	45.88 -1.11 0.00	38.62 -0.30 0.00	25.80 0.23 0.00	30.84 0.40 0.00
BINGHAMTON___COGEN 23790	22.21 0.35 0.00	19.84 0.30 0.00	17.30 0.22 0.00	16.47 0.25 0.00	20.41 0.40 0.00	23.26 0.37 0.00	27.15 0.57 0.00	24.09 0.56 0.00	29.25 0.71 0.00	34.27 0.81 0.00	34.45 0.88 0.00	35.51 0.83 0.84	30.29 0.60 2.17	33.36 0.71 3.30	31.56 0.47 3.87	32.70 0.56 4.16	30.18 0.53 3.30	30.63 0.56 3.19	29.76 0.51 3.07	32.06 0.48 2.45	47.43 0.44 0.00	39.43 0.51 0.00	25.95 0.39 0.00	30.89 0.45 0.00
BIXINCNT_115KV_LOAD 355685	21.30 -0.57 0.00	19.87 0.33 0.00	17.45 0.38 0.00	16.45 0.24 0.00	20.58 0.57 0.00	23.38 0.49 0.00	27.17 0.58 0.00	24.01 0.49 0.00	29.23 0.70 0.00	34.23 0.77 0.00	34.41 0.83 0.00	35.16 0.68 1.04	29.23 0.07 2.70	31.93 0.08 4.11	29.74 -0.42 4.80	30.89 -0.24 5.17	28.72 -0.13 4.10	29.19 -0.11 3.95	28.31 -0.22 3.79	30.74 -0.27 3.01	46.46 -0.53 0.00	39.09 0.17 0.00	26.03 0.46 0.00	31.15 0.71 0.00
BLACK RIVER___HYD 24047	21.74 -0.12 0.00	19.35 -0.19 0.00	16.88 -0.19 0.00	16.07 -0.15 0.00	19.95 -0.06 0.00	22.95 0.06 0.00	26.92 0.33 0.00	23.93 0.40 0.00	29.08 0.55 0.00	34.13 0.67 0.00	34.47 0.90 0.00	35.83 0.90 0.59	31.13 0.81 1.54	34.37 0.76 2.34	32.69 0.46 2.74	33.79 0.44 2.95	30.98 0.36 2.34	31.70 0.70 2.26	31.00 0.86 2.17	33.22 0.93 1.74	48.28 1.29 0.00	39.81 0.89 0.00	25.89 0.33 0.00	30.56 0.13 0.00

BLACKRVR_115KV_TB2 79977	21.74 -0.12 0.00	19.35 -0.18 0.00	16.88 -0.19 0.00	16.07 -0.14 0.00	19.95 -0.06 0.00	22.95 0.06 0.00	26.92 0.33 0.00	23.93 0.41 0.00	29.08 0.55 0.00	34.14 0.68 0.00	34.47 0.90 0.00	35.83 0.90 0.59	31.13 0.81 1.54	34.37 0.75 2.34	32.69 0.47 2.74	33.79 0.44 2.95	30.98 0.36 2.34	31.70 0.70 2.26	31.00 0.86 2.17	33.22 0.93 1.74	48.28 1.29 0.00	39.81 0.89 0.00	25.89 0.33 0.00	30.56 0.13 0.00
BLISS_WT_PWR 323608	21.04 -0.82 0.00	19.77 0.23 0.00	17.40 0.32 0.00	16.37 0.15 0.00	20.50 0.49 0.00	23.28 0.40 0.00	27.05 0.47 0.00	23.95 0.42 0.00	29.15 0.62 0.00	34.10 0.64 0.00	34.37 0.79 0.00	35.11 0.63 1.04	29.21 0.05 2.70	31.92 0.07 4.11	29.75 -0.40 4.80	30.90 -0.22 5.17	28.77 -0.08 4.10	29.22 -0.07 3.95	28.33 -0.19 3.79	30.77 -0.24 3.01	46.51 -0.48 0.00	39.12 0.21 0.00	26.04 0.48 0.00	31.17 0.74 0.00
BLUESTONE___WT_PWR 323821	22.95 1.09 0.00	20.53 0.99 0.00	17.90 0.83 0.00	17.06 0.84 0.00	21.11 1.10 0.00	24.12 1.24 0.00	28.20 1.61 0.00	25.10 1.58 0.00	30.56 2.02 0.00	35.86 2.40 0.00	36.10 2.53 0.00	37.43 2.75 0.84	32.08 2.39 2.17	35.35 2.70 3.30	33.52 2.41 3.86	34.67 2.52 4.15	31.88 2.22 3.29	32.36 2.28 3.18	31.52 2.26 3.06	33.92 2.35 2.44	50.08 3.09 0.00	41.51 2.59 0.00	27.25 1.69 0.00	32.32 1.89 0.00
BLUE_CIRC_CHEM_DRP 24182	22.62 0.76 0.00	20.22 0.68 0.00	17.68 0.60 0.00	16.79 0.57 0.00	20.70 0.69 0.00	23.52 0.63 0.00	27.40 0.81 0.00	24.27 0.75 0.00	29.47 0.93 0.00	34.60 1.14 0.00	34.77 1.19 0.00	36.07 1.31 0.75	31.11 1.21 1.95	34.41 1.43 2.97	32.91 1.42 3.48	33.91 1.36 3.74	31.20 1.21 2.97	31.63 1.24 2.87	30.75 1.19 2.76	33.09 1.27 2.20	48.71 1.71 0.00	40.25 1.33 0.00	26.40 0.83 0.00	31.38 0.94 0.00
BOC_GAS_DRP 24189	22.50 0.64 0.00	20.09 0.55 0.00	17.54 0.47 0.00	16.67 0.46 0.00	20.55 0.53 0.00	23.36 0.47 0.00	27.23 0.64 0.00	24.16 0.64 0.00	29.31 0.77 0.00	34.40 0.94 0.00	34.60 1.03 0.00	35.94 1.17 0.76	30.97 1.07 1.96	34.24 1.26 2.97	32.74 1.25 3.48	33.75 1.20 3.75	31.08 1.10 2.97	31.49 1.11 2.87	30.57 1.01 2.76	32.89 1.07 2.20	48.42 1.43 0.00	40.03 1.11 0.00	26.26 0.70 0.00	31.23 0.79 0.00
BOONVILLE_115KV_TB1 79983	22.05 0.19 0.00	19.66 0.12 0.00	17.12 0.04 0.00	16.33 0.11 0.00	20.19 0.18 0.00	23.17 0.28 0.00	27.07 0.48 0.00	24.04 0.51 0.00	29.23 0.69 0.00	34.31 0.85 0.00	34.51 0.94 0.00	35.62 1.10 1.00	30.25 0.99 2.59	33.12 1.11 3.94	31.30 0.95 4.61	32.26 0.93 4.97	29.81 0.79 3.94	30.32 0.87 3.80	29.53 0.87 3.66	32.00 0.90 2.92	48.16 1.17 0.00	39.78 0.86 0.00	26.02 0.46 0.00	30.80 0.37 0.00
BORALEX_4TH_BRANCH 23824	23.16 1.29 0.00	20.72 1.18 0.00	18.16 1.09 0.00	17.25 1.03 0.00	21.24 1.23 0.00	24.06 1.17 0.00	27.93 1.34 0.00	24.57 1.04 0.00	29.87 1.33 0.00	35.25 1.79 0.00	35.40 1.83 0.00	36.78 2.03 0.77	31.60 1.74 2.00	34.95 2.04 3.04	33.37 1.96 3.55	34.07 1.60 3.83	31.32 1.40 3.04	31.69 1.36 2.93	30.79 1.29 2.82	33.41 1.64 2.25	49.26 2.27 0.00	40.61 1.69 0.00	26.66 1.10 0.00	31.75 1.31 0.00
BOWLINE___1 23526	23.00 1.14 0.00	20.47 0.94 0.00	17.80 0.72 0.00	16.94 0.72 0.00	20.85 0.84 0.00	23.75 0.86 0.00	27.78 1.19 0.00	24.83 1.30 0.00	30.05 1.51 0.00	35.28 1.82 0.00	35.54 1.96 0.00	36.99 2.18 0.70	32.03 1.99 1.83	35.49 2.31 2.77	34.03 2.31 3.24	35.17 2.37 3.50	32.40 2.22 2.77	32.82 2.24 2.68	31.81 2.07 2.57	34.08 2.11 2.06	49.86 2.87 0.00	41.25 2.34 0.00	27.03 1.47 0.00	32.09 1.65 0.00
BOWLINE___2 23595	23.00 1.14 0.00	20.48 0.94 0.00	17.80 0.73 0.00	16.94 0.72 0.00	20.85 0.84 0.00	23.75 0.86 0.00	27.78 1.20 0.00	24.83 1.30 0.00	30.05 1.51 0.00	35.28 1.82 0.00	35.54 1.96 0.00	36.99 2.18 0.70	32.03 1.99 1.83	35.49 2.31 2.77	34.03 2.31 3.24	35.17 2.37 3.50	32.40 2.22 2.77	32.82 2.24 2.68	31.81 2.07 2.57	34.08 2.11 2.06	49.86 2.87 0.00	41.25 2.34 0.00	27.04 1.47 0.00	32.09 1.65 0.00
BRADY___115KV_TB2 356060	21.59 -0.28 0.00	19.33 -0.20 0.00	16.93 -0.15 0.00	16.05 -0.16 0.00	19.84 -0.17 0.00	22.80 -0.08 0.00	26.45 -0.14 0.00	23.42 -0.11 0.00	28.44 -0.09 0.00	33.30 -0.16 0.00	33.32 -0.25 0.00	34.83 -0.37 0.32	30.73 -0.28 0.84	34.36 -0.32 1.28	33.23 -0.23 1.50	34.48 -0.21 1.61	31.41 -0.27 1.28	31.73 -0.29 1.23	30.93 -0.20 1.19	33.00 -0.08 0.95	47.02 0.03 0.00	38.78 -0.14 0.00	25.43 -0.13 0.00	30.27 -0.17 0.00
BRANSCOMB___SOLAR 323811	23.04 1.17 0.00	20.59 1.06 0.00	17.98 0.90 0.00	17.05 0.83 0.00	21.01 1.00 0.00	23.84 0.95 0.00	27.84 1.25 0.00	24.69 1.16 0.00	29.99 1.46 0.00	35.31 1.85 0.00	35.40 1.82 0.00	36.77 2.03 0.79	31.60 1.78 2.04	34.93 2.07 3.10	33.39 2.05 3.62	34.43 2.04 3.90	31.73 1.87 3.10	32.12 1.86 2.99	31.21 1.77 2.88	33.64 1.92 2.29	49.64 2.65 0.00	41.10 2.19 0.00	26.97 1.40 0.00	32.07 1.63 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.96 2.10 0.00	21.33 1.79 0.00	18.52 1.45 0.00	17.60 1.38 0.00	21.68 1.67 0.00	24.74 1.86 0.00	29.05 2.47 0.00	26.06 2.53 0.00	31.62 3.08 0.00	36.72 3.25 0.00	37.12 3.54 0.00	38.58 3.77 0.71	33.75 3.56 1.67	36.95 3.80 2.80	35.22 3.53 3.28	36.50 3.73 3.53	33.68 3.52 2.80	33.84 3.29 2.70	32.60 2.88 2.60	34.88 2.94 2.08	51.06 4.06 0.00	42.74 3.82 0.00	28.23 2.66 0.00	33.51 3.08 0.00
BRISTLHL_115KV_TB1 79998	21.64 -0.22 0.00	19.34 -0.20 0.00	16.89 -0.19 0.00	16.06 -0.15 0.00	19.85 -0.16 0.00	22.67 -0.22 0.00	26.39 -0.19 0.00	23.34 -0.18 0.00	28.30 -0.23 0.00	33.18 -0.28 0.00	33.34 -0.23 0.00	35.00 -0.25 0.27	30.85 -0.31 0.69	34.55 -0.35 1.06	33.23 -0.49 1.23	34.48 -0.48 1.33	31.49 -0.42 1.06	31.83 -0.41 1.02	30.95 -0.39 0.98	32.78 -0.45 0.79	46.21 -0.78 0.00	38.32 -0.60 0.00	25.20 -0.36 0.00	29.96 -0.48 0.00
BROOKHAVEN___DRP 24191	24.03 2.17 0.00	21.38 1.85 0.00	18.58 1.51 0.00	17.63 1.42 0.00	21.73 1.72 0.00	24.76 1.87 0.00	29.12 2.53 0.00	26.15 2.62 0.00	31.77 3.23 0.00	37.02 3.56 -0.01	37.50 3.90 -0.02	38.73 3.92 0.71	34.47 3.71 1.09	37.04 3.89 2.80	35.37 3.69 3.28	36.79 4.02 3.53	34.01 3.86 2.80	34.07 3.52 2.70	32.93 3.22 2.60	35.26 3.32 2.08	51.51 4.52 0.00	43.04 4.13 0.00	28.43 2.87 0.00	33.75 3.32 0.00
BROOKLYN_NAVY_YARD 23515	23.19 1.33 0.00	20.62 1.09 0.00	17.93 0.86 0.00	17.08 0.86 0.00	20.99 0.97 0.00	23.91 1.02 0.00	28.02 1.43 0.00	25.09 1.56 0.00	30.32 1.78 0.00	35.59 2.13 0.00	35.83 2.25 0.00	37.32 2.50 0.71	32.36 2.35 1.84	35.88 2.73 2.80	34.40 2.72 3.28	35.56 2.79 3.53	32.71 2.56 2.80	33.13 2.58 2.70	32.05 2.33 2.60	34.32 2.38 2.08	50.20 3.20 0.00	41.68 2.76 0.00	27.32 1.75 0.00	32.38 1.95 0.00

BROOKLYN___ARMY_DRP 323595	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
BROOKVLE_69_KV_TB1 55790	23.57 1.71 0.00	20.98 1.44 0.00	18.21 1.13 0.00	17.33 1.11 0.00	21.33 1.32 0.00	24.35 1.46 0.00	28.51 1.93 0.00	25.53 2.00 0.00	30.81 2.27 0.00	36.07 2.61 0.00	36.41 2.84 0.00	37.90 3.09 0.71	32.89 2.88 1.84	36.35 3.20 2.80	34.83 3.15 3.28	36.02 3.26 3.53	33.15 3.00 2.80	33.47 2.92 2.70	32.40 2.68 2.60	34.68 2.73 2.08	50.73 3.74 0.00	42.10 3.18 0.00	27.65 2.09 0.00	32.89 2.46 0.00
BROOME_2_LFGE 323671	22.21 0.35 0.00	19.83 0.30 0.00	17.29 0.22 0.00	16.46 0.24 0.00	20.40 0.39 0.00	23.26 0.37 0.00	27.15 0.57 0.00	24.09 0.56 0.00	29.24 0.71 0.00	34.26 0.80 0.00	34.45 0.88 0.00	35.51 0.82 0.84	30.29 0.61 2.17	33.36 0.71 3.30	31.57 0.47 3.87	32.70 0.56 4.16	30.18 0.53 3.30	30.63 0.56 3.19	29.76 0.51 3.07	32.06 0.48 2.45	47.42 0.43 0.00	39.43 0.51 0.00	25.95 0.39 0.00	30.89 0.45 0.00
BROOME___LFGE 323600	22.21 0.35 0.00	19.83 0.30 0.00	17.29 0.22 0.00	16.46 0.24 0.00	20.40 0.39 0.00	23.26 0.37 0.00	27.15 0.57 0.00	24.09 0.56 0.00	29.24 0.71 0.00	34.26 0.80 0.00	34.45 0.88 0.00	35.51 0.82 0.84	30.29 0.61 2.17	33.36 0.71 3.30	31.57 0.47 3.87	32.70 0.56 4.16	30.18 0.53 3.30	30.63 0.56 3.19	29.76 0.51 3.07	32.06 0.48 2.45	47.42 0.43 0.00	39.43 0.51 0.00	25.95 0.39 0.00	30.89 0.45 0.00
BROWNFLS_115KV_TB_3_5 80003	21.11 -0.75 0.00	18.83 -0.71 0.00	16.45 -0.62 0.00	15.64 -0.58 0.00	19.37 -0.64 0.00	22.27 -0.62 0.00	26.02 -0.57 0.00	23.09 -0.44 0.00	28.06 -0.48 0.00	32.87 -0.59 0.00	33.04 -0.54 0.00	34.34 -0.64 0.55	29.91 -0.54 1.41	33.15 -0.66 2.14	31.76 -0.69 2.51	32.89 -0.71 2.70	30.14 -0.68 2.14	30.61 -0.58 2.07	29.88 -0.45 1.99	32.03 -0.39 1.59	46.49 -0.50 0.00	38.29 -0.62 0.00	25.01 -0.56 0.00	29.65 -0.78 0.00
BROWNSV1_27_KV_LOAD 356125	23.48 1.62 0.00	20.88 1.34 0.00	18.13 1.06 0.00	17.26 1.04 0.00	21.23 1.21 0.00	24.20 1.31 0.00	28.35 1.76 0.00	25.40 1.87 0.00	30.69 2.15 0.00	36.04 2.58 0.00	36.32 2.74 0.00	37.82 3.01 0.71	32.80 2.79 1.84	36.39 3.24 2.80	34.92 3.24 3.28	36.10 3.33 3.53	33.20 3.05 2.80	33.61 3.06 2.70	32.51 2.80 2.60	34.81 2.86 2.08	50.88 3.89 0.00	42.23 3.31 0.00	27.69 2.12 0.00	32.81 2.37 0.00
BURROWS___LYONSDAL 23803	21.92 0.06 0.00	19.53 -0.01 0.00	16.99 -0.08 0.00	16.22 0.00 0.00	20.08 0.07 0.00	23.06 0.17 0.00	26.96 0.37 0.00	23.95 0.42 0.00	29.11 0.57 0.00	34.15 0.69 0.00	34.38 0.80 0.00	35.52 0.94 0.94	30.27 0.85 2.43	33.19 0.94 3.70	31.41 0.78 4.33	32.38 0.75 4.66	29.88 0.62 3.70	30.41 0.72 3.57	29.65 0.77 3.44	32.08 0.80 2.75	48.02 1.03 0.00	39.66 0.74 0.00	25.91 0.34 0.00	30.65 0.21 0.00
CAITHNESS_CC_1 323624	23.93 2.06 0.00	21.34 1.80 0.00	18.51 1.44 0.00	17.59 1.37 0.00	21.66 1.65 0.00	24.67 1.78 0.00	28.99 2.41 0.00	26.03 2.50 0.00	31.63 3.10 0.00	36.86 3.39 -0.01	37.30 3.70 -0.02	38.53 3.72 0.71	34.30 3.53 1.09	36.86 3.71 2.80	35.21 3.53 3.28	36.59 3.83 3.53	33.81 3.65 2.80	33.89 3.34 2.70	32.76 3.04 2.60	35.07 3.12 2.08	51.26 4.27 0.00	42.82 3.90 0.00	28.29 2.72 0.00	33.59 3.15 0.00
CALPINE BETH_PAGE_GT4 24209	23.64 1.77 0.00	21.05 1.51 0.00	18.26 1.18 0.00	17.37 1.15 0.00	21.39 1.38 0.00	24.42 1.53 0.00	28.59 2.01 0.00	25.61 2.08 0.00	30.98 2.44 0.00	36.13 2.67 0.00	36.39 2.81 0.00	37.79 2.98 0.71	32.84 2.81 1.82	36.16 3.01 2.80	34.59 2.90 3.28	35.80 3.03 3.53	33.00 2.84 2.80	33.26 2.71 2.70	32.18 2.46 2.60	34.44 2.49 2.08	50.43 3.44 0.00	42.06 3.14 0.00	27.73 2.16 0.00	32.95 2.52 0.00
CALPINE_BETH_PAGE_GT_4 323586	23.64 1.77 0.00	21.06 1.53 0.00	18.26 1.19 0.00	17.38 1.16 0.00	21.40 1.38 0.00	24.42 1.53 0.00	28.60 2.01 0.00	25.61 2.08 0.00	30.99 2.45 0.00	36.14 2.68 0.00	36.39 2.81 0.00	37.79 2.98 0.71	32.83 2.80 1.82	36.16 3.01 2.80	34.59 2.90 3.28	35.79 3.03 3.53	32.99 2.83 2.80	33.26 2.70 2.70	32.18 2.46 2.60	34.43 2.49 2.08	50.43 3.44 0.00	42.06 3.14 0.00	27.72 2.16 0.00	32.95 2.52 0.00
CALPINE_BP_GT1 23823	23.64 1.77 0.00	21.06 1.53 0.00	18.26 1.19 0.00	17.38 1.16 0.00	21.40 1.38 0.00	24.42 1.53 0.00	28.60 2.01 0.00	25.61 2.08 0.00	30.99 2.45 0.00	36.14 2.68 0.00	36.39 2.81 0.00	37.79 2.98 0.71	32.83 2.80 1.82	36.16 3.01 2.80	34.59 2.90 3.28	35.79 3.03 3.53	32.99 2.83 2.80	33.26 2.70 2.70	32.18 2.46 2.60	34.43 2.49 2.08	50.43 3.44 0.00	42.06 3.14 0.00	27.72 2.16 0.00	32.95 2.52 0.00
CALSPAN___DRP 24200	21.92 0.06 0.00	19.89 0.36 0.00	17.40 0.33 0.00	16.45 0.23 0.00	20.56 0.55 0.00	23.36 0.48 0.00	27.18 0.59 0.00	23.82 0.29 0.00	28.95 0.42 0.00	34.02 0.56 0.00	33.95 0.38 0.00	34.60 0.14 1.06	28.69 -0.42 2.75	31.24 -0.54 4.18	28.91 -1.16 4.89	30.11 -0.92 5.27	28.07 -0.71 4.18	28.58 -0.65 4.03	27.78 -0.67 3.87	30.14 -0.80 3.07	45.68 -1.31 0.00	38.47 -0.45 0.00	25.71 0.15 0.00	30.72 0.29 0.00
CALVERTON___SOLAR 323806	24.16 2.29 0.00	21.53 1.99 0.00	18.68 1.61 0.00	17.73 1.52 0.00	21.85 1.84 0.00	24.88 1.99 0.00	29.27 2.68 0.00	26.28 2.75 0.00	31.97 3.43 0.00	37.30 3.83 -0.01	37.76 4.16 -0.02	38.98 4.17 0.71	34.68 3.92 1.09	37.27 4.12 2.80	35.57 3.89 3.28	37.03 4.27 3.53	34.24 4.08 2.80	34.30 3.75 2.70	33.17 3.45 2.60	35.52 3.58 2.08	51.87 4.88 0.00	43.32 4.40 0.00	28.62 3.06 0.00	33.97 3.53 0.00
CANDIGU_WT_PWR 323617	21.77 -0.09 0.00	19.57 0.04 0.00	16.97 -0.10 0.00	16.15 -0.07 0.00	20.28 0.27 0.00	22.99 0.10 0.00	26.90 0.31 0.00	23.83 0.30 0.00	28.91 0.37 0.00	33.92 0.46 0.00	34.01 0.44 0.00	34.84 0.28 0.96	29.34 -0.03 2.48	32.20 0.02 3.77	30.21 -0.34 4.41	31.48 -0.07 4.75	29.24 0.04 3.76	29.72 0.11 3.64	28.87 0.06 3.51	31.27 0.04 2.79	46.80 -0.19 0.00	39.17 0.25 0.00	25.92 0.35 0.00	30.86 0.42 0.00
CARR STREET_E_SYR 24060	21.79 -0.07 0.00	19.47 -0.07 0.00	17.00 -0.08 0.00	16.17 -0.05 0.00	19.99 -0.03 0.00	22.82 -0.06 0.00	26.59 0.00 0.00	23.53 0.00 0.00	28.54 0.00 0.00	33.37 -0.09 0.00	33.49 -0.09 0.00	34.57 -0.11 0.84	29.49 -0.18 2.19	32.43 -0.20 3.32	30.72 -0.35 3.89	31.77 -0.34 4.18	29.36 -0.27 3.32	29.80 -0.25 3.21	28.96 -0.27 3.09	31.19 -0.36 2.47	46.32 -0.67 0.00	38.43 -0.49 0.00	25.28 -0.29 0.00	30.08 -0.36 0.00

CARTHAGE___PAPER 23857	21.72 -0.14 0.00	19.33 -0.21 0.00	16.85 -0.22 0.00	16.06 -0.16 0.00	19.92 -0.09 0.00	22.93 0.04 0.00	26.89 0.30 0.00	23.89 0.37 0.00	29.02 0.49 0.00	34.03 0.57 0.00	34.33 0.76 0.00	35.66 0.77 0.63	30.95 0.73 1.63	34.17 0.70 2.48	32.55 0.49 2.91	33.63 0.47 3.13	30.83 0.36 2.48	31.47 0.61 2.40	30.77 0.76 2.31	33.02 0.84 1.84	48.16 1.17 0.00	39.70 0.79 0.00	25.84 0.27 0.00	30.52 0.09 0.00
CASSADAGA_WT_PWR 323784	22.21 0.34 0.00	19.98 0.44 0.00	17.11 0.04 0.00	16.36 0.14 0.00	20.54 0.53 0.00	23.39 0.50 0.00	27.50 0.92 0.00	24.14 0.61 0.00	29.42 0.88 0.00	34.71 1.25 0.00	34.85 1.28 0.00	35.62 1.14 1.05	29.72 0.58 2.72	32.63 0.81 4.13	30.19 0.07 4.84	31.46 0.37 5.21	29.22 0.40 4.13	29.67 0.40 3.98	28.77 0.28 3.82	31.19 0.20 3.03	46.98 -0.02 0.00	39.45 0.53 0.00	26.26 0.70 0.00	31.34 0.90 0.00
CE_DUNWOOD___DRP 24194	23.15 1.28 0.00	20.60 1.07 0.00	17.91 0.83 0.00	17.04 0.82 0.00	20.97 0.96 0.00	23.89 1.00 0.00	27.96 1.37 0.00	25.00 1.47 0.00	30.25 1.71 0.00	35.51 2.05 0.00	35.77 2.20 0.00	37.24 2.43 0.71	32.26 2.24 1.84	35.75 2.59 2.80	34.27 2.59 3.27	35.42 2.65 3.53	32.61 2.45 2.80	33.00 2.45 2.70	31.97 2.25 2.60	34.24 2.30 2.07	50.10 3.11 0.00	41.50 2.58 0.00	27.21 1.65 0.00	32.28 1.85 0.00
CE_MILLWOOD___DRP 24193	23.10 1.24 0.00	20.56 1.03 0.00	17.88 0.80 0.00	17.01 0.79 0.00	20.94 0.93 0.00	23.84 0.95 0.00	27.90 1.31 0.00	24.94 1.41 0.00	30.19 1.65 0.00	35.44 1.97 0.00	35.70 2.12 0.00	37.16 2.35 0.71	32.18 2.16 1.84	35.66 2.50 2.80	34.19 2.50 3.27	35.33 2.55 3.52	32.53 2.37 2.79	32.93 2.37 2.70	31.90 2.18 2.60	34.18 2.23 2.07	50.02 3.03 0.00	41.43 2.51 0.00	27.15 1.59 0.00	32.22 1.78 0.00
CE_NYC2_DRP 24202	23.28 1.42 0.00	20.71 1.17 0.00	17.98 0.91 0.00	17.12 0.91 0.00	21.05 1.03 0.00	24.00 1.12 0.00	28.13 1.54 0.00	25.20 1.68 0.00	30.46 1.93 0.00	35.74 2.28 0.00	35.99 2.41 0.00	37.48 2.67 0.71	32.50 2.48 1.84	36.00 2.85 2.80	34.56 2.87 3.28	35.70 2.93 3.53	32.86 2.71 2.80	33.24 2.69 2.70	32.14 2.42 2.60	34.44 2.50 2.08	50.32 3.33 0.00	41.76 2.85 0.00	27.39 1.82 0.00	32.45 2.01 0.00
CE_NYC_DRP 24195	23.26 1.40 0.00	20.68 1.15 0.00	17.96 0.89 0.00	17.10 0.88 0.00	21.03 1.02 0.00	23.96 1.07 0.00	28.06 1.47 0.00	25.13 1.60 0.00	30.38 1.84 0.00	35.66 2.20 0.00	35.93 2.35 0.00	37.41 2.60 0.71	32.45 2.43 1.84	35.99 2.83 2.80	34.51 2.83 3.28	35.67 2.90 3.53	32.82 2.66 2.80	33.22 2.66 2.70	32.13 2.42 2.60	34.41 2.46 2.08	50.32 3.33 0.00	41.76 2.84 0.00	27.38 1.81 0.00	32.46 2.02 0.00
CHAFFEE___LFGE 323603	22.00 0.13 0.00	19.91 0.37 0.00	17.42 0.34 0.00	16.44 0.22 0.00	20.55 0.54 0.00	23.37 0.48 0.00	27.19 0.61 0.00	23.86 0.33 0.00	29.02 0.49 0.00	34.10 0.64 0.00	34.05 0.47 0.00	34.73 0.26 1.05	28.86 -0.27 2.72	31.45 -0.36 4.14	29.13 -0.99 4.85	30.36 -0.72 5.22	28.30 -0.51 4.14	28.81 -0.46 3.99	27.98 -0.51 3.83	30.35 -0.63 3.04	45.92 -1.07 0.00	38.63 -0.29 0.00	25.79 0.22 0.00	30.78 0.34 0.00
CHATEAUG_35_KV_LOAD 355732	21.73 -0.14 0.00	19.54 0.01 0.00	17.17 0.10 0.00	16.35 0.13 0.00	20.22 0.21 0.00	23.18 0.30 0.00	27.11 0.52 0.00	24.11 0.58 0.00	29.35 0.81 0.00	34.26 0.80 0.00	34.13 0.56 0.00	35.66 0.43 0.29	31.45 0.34 0.75	35.25 0.43 1.14	34.23 0.60 1.34	35.63 0.77 1.44	32.42 0.60 1.14	32.77 0.62 1.10	31.87 0.62 1.06	33.92 0.75 0.84	48.10 1.11 0.00	39.46 0.55 0.00	25.89 0.33 0.00	30.90 0.46 0.00
CHATEAUG_WT_PWR 323614	21.72 -0.15 0.00	19.54 0.00 0.00	17.15 0.08 0.00	16.34 0.12 0.00	20.21 0.20 0.00	23.17 0.28 0.00	27.12 0.53 0.00	24.13 0.60 0.00	29.37 0.83 0.00	34.28 0.82 0.00	34.14 0.57 0.00	35.69 0.45 0.28	31.48 0.35 0.72	35.31 0.45 1.10	34.30 0.63 1.29	35.70 0.79 1.39	32.48 0.62 1.10	32.83 0.64 1.06	31.91 0.61 1.02	33.95 0.74 0.81	48.04 1.05 0.00	39.42 0.50 0.00	25.88 0.32 0.00	30.88 0.44 0.00
CHAT_HIGH_FALL_HYD 323578	21.73 -0.14 0.00	19.56 0.02 0.00	17.18 0.10 0.00	16.36 0.14 0.00	20.22 0.21 0.00	23.18 0.30 0.00	27.11 0.52 0.00	24.11 0.59 0.00	29.35 0.82 0.00	34.26 0.81 0.00	34.13 0.56 0.00	35.66 0.43 0.29	31.45 0.34 0.75	35.24 0.43 1.14	34.23 0.60 1.34	35.63 0.77 1.44	32.42 0.60 1.14	32.77 0.61 1.10	31.87 0.62 1.06	33.92 0.75 0.84	48.10 1.11 0.00	39.46 0.55 0.00	25.89 0.33 0.00	30.90 0.46 0.00
CHAUTAUQUA___LFGE 323629	22.17 0.31 0.00	19.98 0.44 0.00	17.30 0.23 0.00	16.44 0.22 0.00	20.62 0.61 0.00	23.46 0.57 0.00	27.44 0.85 0.00	24.09 0.57 0.00	29.34 0.80 0.00	34.52 1.06 0.00	34.59 1.02 0.00	35.26 0.79 1.05	29.35 0.22 2.73	32.13 0.32 4.15	29.79 -0.32 4.85	31.04 -0.03 5.22	28.87 0.06 4.14	29.34 0.07 4.00	28.47 -0.01 3.84	30.89 -0.08 3.04	46.57 -0.42 0.00	39.13 0.21 0.00	26.06 0.49 0.00	31.12 0.68 0.00
CHERRYST_13_KV_LD 356241	23.32 1.46 0.00	20.74 1.21 0.00	18.01 0.94 0.00	17.15 0.93 0.00	21.10 1.09 0.00	24.04 1.15 0.00	28.16 1.57 0.00	25.23 1.71 0.00	30.50 1.97 0.00	35.82 2.36 0.00	36.09 2.52 0.00	37.59 2.77 0.71	32.60 2.58 1.84	36.16 3.01 2.80	34.69 3.00 3.28	35.84 3.08 3.53	32.97 2.81 2.80	33.37 2.82 2.70	32.28 2.56 2.60	34.54 2.60 2.08	50.50 3.51 0.00	41.89 2.97 0.00	27.46 1.90 0.00	32.56 2.12 0.00
CHESTROR_138KV_BK263 355645	22.88 1.02 0.00	20.39 0.85 0.00	17.74 0.67 0.00	16.87 0.65 0.00	20.78 0.77 0.00	23.66 0.78 0.00	27.66 1.07 0.00	24.69 1.16 0.00	29.90 1.37 0.00	35.09 1.63 0.00	35.34 1.76 0.00	36.79 1.96 0.69	31.84 1.78 1.80	35.28 2.06 2.74	33.82 2.05 3.20	34.95 2.10 3.45	32.19 1.97 2.73	32.62 2.01 2.64	31.64 1.87 2.54	33.90 1.91 2.03	49.57 2.58 0.00	41.02 2.10 0.00	26.89 1.33 0.00	31.96 1.52 0.00
CH_MIDHUDSON___DRP 24192	23.10 1.24 0.00	20.58 1.04 0.00	17.91 0.84 0.00	17.03 0.81 0.00	20.97 0.96 0.00	23.86 0.98 0.00	27.90 1.31 0.00	24.91 1.38 0.00	30.15 1.62 0.00	35.42 1.96 0.00	35.69 2.11 0.00	37.17 2.36 0.72	32.17 2.17 1.85	35.63 2.49 2.82	34.14 2.48 3.30	35.26 2.52 3.55	32.48 2.34 2.82	32.89 2.36 2.72	31.89 2.19 2.62	34.18 2.25 2.09	50.03 3.03 0.00	41.41 2.49 0.00	27.13 1.56 0.00	32.21 1.77 0.00
CH_MISC_IPPS 23765	23.21 1.35 0.00	20.68 1.14 0.00	17.99 0.91 0.00	17.11 0.89 0.00	21.07 1.06 0.00	23.99 1.10 0.00	28.07 1.48 0.00	25.07 1.55 0.00	30.42 1.88 0.00	35.72 2.26 0.00	36.00 2.43 0.00	37.46 2.65 0.71	32.41 2.40 1.84	35.89 2.74 2.80	34.41 2.73 3.28	35.56 2.79 3.53	32.75 2.59 2.80	33.18 2.63 2.70	32.19 2.47 2.60	34.49 2.54 2.08	50.41 3.42 0.00	41.71 2.80 0.00	27.33 1.77 0.00	32.44 2.00 0.00

CH_RES_BVR_FALLS 23983	21.64 -0.22 0.00	19.35 -0.18 0.00	16.94 -0.14 0.00	16.07 -0.15 0.00	19.84 -0.17 0.00	22.73 -0.16 0.00	26.40 -0.18 0.00	23.36 -0.16 0.00	28.35 -0.18 0.00	33.23 -0.23 0.00	33.31 -0.27 0.00	34.52 -0.34 0.66	29.84 -0.29 1.72	32.99 -0.35 2.61	31.59 -0.31 3.06	32.71 -0.29 3.29	30.07 -0.28 2.61	30.46 -0.27 2.52	29.66 -0.24 2.43	31.86 -0.22 1.94	46.72 -0.27 0.00	38.60 -0.32 0.00	25.35 -0.21 0.00	30.20 -0.24 0.00
CH_RES_NIAGARA 23895	21.29 -0.57 0.00	19.46 -0.08 0.00	17.09 0.02 0.00	16.11 -0.10 0.00	20.14 0.12 0.00	22.90 0.02 0.00	26.57 -0.02 0.00	23.05 -0.47 0.00	27.78 -0.76 0.00	32.62 -0.84 0.00	32.46 -1.12 0.00	32.97 -1.47 1.08	27.20 -1.85 2.81	29.44 -2.24 4.27	27.12 -2.85 5.00	28.21 -2.71 5.38	26.44 -2.25 4.27	26.94 -2.20 4.12	26.23 -2.13 3.96	28.50 -2.38 3.14	43.52 -3.47 0.00	36.80 -2.12 0.00	24.82 -0.74 0.00	29.78 -0.65 0.00
CH_RES_SYRACUSE 23985	21.92 0.06 0.00	19.57 0.03 0.00	17.08 0.01 0.00	16.26 0.04 0.00	20.11 0.10 0.00	22.98 0.09 0.00	26.75 0.16 0.00	23.67 0.14 0.00	28.70 0.16 0.00	33.65 0.19 0.00	33.82 0.25 0.00	35.22 0.32 0.62	30.47 0.22 1.61	33.74 0.23 2.44	32.18 0.08 2.86	33.32 0.10 3.08	30.60 0.08 2.44	31.00 0.11 2.36	30.14 0.09 2.27	32.21 0.02 1.83	46.82 -0.17 0.00	38.82 -0.10 0.00	25.54 -0.02 0.00	30.36 -0.08 0.00
CLINTON_WT_PWR 323605	21.72 -0.15 0.00	19.54 0.00 0.00	17.15 0.08 0.00	16.34 0.12 0.00	20.21 0.20 0.00	23.17 0.28 0.00	27.12 0.53 0.00	24.13 0.60 0.00	29.37 0.83 0.00	34.28 0.82 0.00	34.14 0.57 0.00	35.69 0.45 0.28	31.48 0.35 0.72	35.31 0.45 1.10	34.30 0.63 1.29	35.70 0.79 1.39	32.48 0.62 1.10	32.83 0.64 1.06	31.91 0.61 1.02	33.95 0.74 0.81	48.04 1.05 0.00	39.42 0.50 0.00	25.88 0.32 0.00	30.88 0.44 0.00
CLINTON___LFGE 323618	21.95 0.08 0.00	19.71 0.17 0.00	17.31 0.23 0.00	16.48 0.26 0.00	20.38 0.37 0.00	23.36 0.47 0.00	27.39 0.81 0.00	24.41 0.89 0.00	29.73 1.20 0.00	34.69 1.23 0.00	34.50 0.92 0.00	36.07 0.82 0.28	31.77 0.64 0.73	35.67 0.83 1.11	34.68 1.02 1.30	36.14 1.24 1.40	32.84 0.99 1.11	33.21 1.03 1.07	32.26 0.97 1.03	34.33 1.14 0.82	48.56 1.57 0.00	39.79 0.88 0.00	26.13 0.57 0.00	31.18 0.75 0.00
COBBLENY_34_KV_TB1 80064	22.00 0.14 0.00	19.93 0.40 0.00	17.43 0.36 0.00	16.46 0.25 0.00	20.57 0.55 0.00	23.37 0.48 0.00	27.20 0.61 0.00	23.86 0.33 0.00	29.03 0.50 0.00	34.11 0.65 0.00	34.05 0.47 0.00	34.73 0.26 1.05	28.85 -0.28 2.72	31.44 -0.37 4.14	29.12 -0.99 4.85	30.35 -0.73 5.22	28.30 -0.51 4.14	28.80 -0.46 3.99	27.98 -0.50 3.83	30.35 -0.63 3.04	45.92 -1.07 0.00	38.63 -0.29 0.00	25.79 0.22 0.00	30.78 0.35 0.00
COFFEEN___115KV_TB3 355620	21.90 0.04 0.00	19.50 -0.04 0.00	17.00 -0.07 0.00	16.19 -0.02 0.00	20.10 0.08 0.00	23.12 0.23 0.00	27.12 0.53 0.00	24.13 0.60 0.00	29.33 0.79 0.00	34.43 0.97 0.00	34.79 1.21 0.00	36.15 1.22 0.59	31.43 1.10 1.52	34.68 1.04 2.31	32.96 0.71 2.71	34.07 0.69 2.92	31.21 0.57 2.31	31.99 0.97 2.23	31.32 1.15 2.15	33.54 1.24 1.72	48.71 1.72 0.00	40.17 1.25 0.00	26.12 0.55 0.00	30.82 0.38 0.00
COLDSPRG_115KV_BK1 355956	22.52 0.66 0.00	20.26 0.72 0.00	17.53 0.46 0.00	16.69 0.47 0.00	20.90 0.88 0.00	23.77 0.88 0.00	27.87 1.29 0.00	24.54 1.02 0.00	29.91 1.38 0.00	35.26 1.80 0.00	35.34 1.76 0.00	36.06 1.58 1.04	30.05 0.88 2.70	32.97 1.12 4.10	30.52 0.36 4.80	31.69 0.56 5.17	29.40 0.54 4.10	29.85 0.54 3.94	28.94 0.40 3.78	31.35 0.33 3.00	47.23 0.24 0.00	39.66 0.74 0.00	26.38 0.81 0.00	31.50 1.06 0.00
COLONIE_LFGE___ 323577	22.83 0.96 0.00	20.40 0.87 0.00	17.84 0.77 0.00	16.94 0.72 0.00	20.86 0.85 0.00	23.67 0.79 0.00	27.57 0.99 0.00	24.41 0.89 0.00	29.65 1.12 0.00	34.89 1.43 0.00	35.05 1.47 0.00	36.41 1.67 0.78	31.31 1.48 2.02	34.62 1.73 3.07	33.07 1.70 3.59	34.00 1.57 3.87	31.32 1.43 3.07	31.70 1.41 2.96	30.80 1.33 2.85	33.23 1.48 2.27	49.00 2.01 0.00	40.47 1.55 0.00	26.55 0.98 0.00	31.57 1.14 0.00
COOPERNY_115KV_TB1 80082	22.62 0.76 0.00	20.16 0.63 0.00	17.57 0.49 0.00	16.70 0.48 0.00	20.58 0.57 0.00	23.46 0.57 0.00	27.39 0.80 0.00	24.41 0.88 0.00	29.57 1.03 0.00	34.70 1.24 0.00	34.92 1.35 0.00	36.37 1.50 0.65	31.53 1.37 1.69	34.95 1.57 2.57	33.49 1.54 3.01	34.66 1.60 3.24	31.91 1.52 2.57	32.33 1.55 2.48	31.36 1.43 2.39	33.58 1.46 1.90	48.93 1.94 0.00	40.51 1.59 0.00	26.57 1.00 0.00	31.61 1.18 0.00
COPENHAGEN_WT_PWR 323753	21.64 -0.22 0.00	19.26 -0.28 0.00	16.82 -0.26 0.00	16.00 -0.21 0.00	19.87 -0.14 0.00	22.84 -0.05 0.00	26.82 0.23 0.00	23.83 0.31 0.00	28.96 0.43 0.00	33.99 0.53 0.00	34.36 0.79 0.00	35.73 0.78 0.58	31.07 0.70 1.49	34.32 0.64 2.27	32.66 0.35 2.66	33.75 0.31 2.86	30.94 0.25 2.27	31.64 0.58 2.19	30.94 0.73 2.11	33.12 0.79 1.69	48.06 1.07 0.00	39.65 0.73 0.00	25.77 0.20 0.00	30.43 -0.01 0.00
CORNELL_____ 23752	22.37 0.50 0.00	19.97 0.43 0.00	17.43 0.35 0.00	16.59 0.38 0.00	20.56 0.54 0.00	23.47 0.58 0.00	27.37 0.79 0.00	24.28 0.75 0.00	29.49 0.95 0.00	34.59 1.13 0.00	34.82 1.24 0.00	36.07 1.34 0.80	30.87 1.08 2.06	34.02 1.20 3.13	32.29 1.00 3.67	33.37 1.02 3.95	30.74 0.92 3.13	31.22 0.99 3.03	30.41 1.00 2.91	32.69 1.00 2.33	48.16 1.17 0.00	39.95 1.03 0.00	26.27 0.71 0.00	31.19 0.75 0.00
CORONAAV_69_KV_TB1 355595	23.55 1.69 0.00	20.97 1.44 0.00	18.19 1.12 0.00	17.32 1.10 0.00	21.32 1.31 0.00	24.36 1.47 0.00	28.51 1.92 0.00	25.51 1.98 0.00	30.87 2.34 0.00	36.02 2.56 0.00	36.38 2.81 0.00	37.84 3.03 0.71	32.86 2.85 1.84	36.26 3.11 2.80	34.77 3.09 3.28	35.99 3.22 3.53	33.13 2.97 2.80	33.49 2.93 2.70	32.44 2.73 2.60	34.72 2.77 2.08	50.79 3.80 0.00	42.15 3.24 0.00	27.68 2.12 0.00	32.84 2.41 0.00
CORTLAND_115KV_TB3 80093	22.19 0.33 0.00	19.81 0.28 0.00	17.29 0.21 0.00	16.45 0.24 0.00	20.37 0.36 0.00	23.25 0.36 0.00	27.12 0.53 0.00	24.05 0.52 0.00	29.20 0.67 0.00	34.24 0.78 0.00	34.45 0.87 0.00	35.62 0.91 0.81	30.49 0.73 2.09	33.60 0.82 3.18	31.89 0.64 3.71	32.99 0.69 4.00	30.40 0.62 3.17	30.86 0.67 3.07	30.00 0.63 2.95	32.28 0.61 2.36	47.66 0.67 0.00	39.52 0.60 0.00	25.98 0.42 0.00	30.87 0.43 0.00
COXSACKIE___GT 23611	23.34 1.48 0.00	20.86 1.32 0.00	18.25 1.18 0.00	17.32 1.10 0.00	21.38 1.37 0.00	24.28 1.39 0.00	28.39 1.80 0.00	25.18 1.65 0.00	30.70 2.17 0.00	35.89 2.43 0.00	36.03 2.46 0.00	37.15 2.37 0.75	32.10 2.18 1.93	35.65 2.64 2.94	34.21 2.69 3.44	35.20 2.61 3.70	32.28 2.61 2.94	32.94 2.66 2.84	32.24 2.66 2.73	34.70 2.86 2.18	50.94 3.95 0.00	42.00 3.08 0.00	27.48 1.92 0.00	32.61 2.18 0.00

CPV_VALLEY___CC1 323721	22.69 0.83 0.00	20.23 0.69 0.00	17.61 0.53 0.00	16.75 0.54 0.00	20.62 0.61 0.00	23.49 0.60 0.00	27.45 0.86 0.00	24.49 0.96 0.00	29.65 1.12 0.00	34.80 1.35 0.00	35.04 1.47 0.00	36.49 1.65 0.68	31.60 1.51 1.76	35.02 1.74 2.68	33.57 1.74 3.13	34.70 1.78 3.37	31.95 1.67 2.67	32.36 1.69 2.58	31.39 1.56 2.49	33.62 1.59 1.98	49.13 2.14 0.00	40.66 1.74 0.00	26.66 1.09 0.00	31.73 1.30 0.00
CPV_VALLEY___CC2 323722	22.69 0.83 0.00	20.23 0.69 0.00	17.61 0.53 0.00	16.75 0.54 0.00	20.62 0.61 0.00	23.49 0.60 0.00	27.45 0.86 0.00	24.49 0.96 0.00	29.65 1.12 0.00	34.80 1.35 0.00	35.04 1.47 0.00	36.49 1.65 0.68	31.60 1.51 1.76	35.02 1.74 2.68	33.57 1.74 3.13	34.70 1.78 3.37	31.95 1.67 2.67	32.36 1.69 2.58	31.39 1.56 2.49	33.62 1.59 1.98	49.13 2.14 0.00	40.66 1.74 0.00	26.66 1.09 0.00	31.73 1.30 0.00
CRESCENT___HYD 24018	22.83 0.96 0.00	20.40 0.87 0.00	17.84 0.77 0.00	16.94 0.72 0.00	20.86 0.85 0.00	23.67 0.79 0.00	27.57 0.99 0.00	24.41 0.89 0.00	29.65 1.12 0.00	34.89 1.43 0.00	35.05 1.47 0.00	36.41 1.67 0.78	31.31 1.48 2.02	34.62 1.73 3.07	33.07 1.70 3.59	34.00 1.57 3.87	31.32 1.43 3.07	31.70 1.41 2.96	30.80 1.33 2.85	33.23 1.48 2.27	49.00 2.01 0.00	40.47 1.55 0.00	26.55 0.98 0.00	31.57 1.14 0.00
CRICKET___VALLEY_CC1 323756	22.86 1.00 0.00	20.40 0.86 0.00	17.77 0.70 0.00	16.89 0.67 0.00	20.79 0.78 0.00	23.59 0.70 0.00	27.54 0.95 0.00	24.55 1.02 0.00	29.73 1.19 0.00	34.98 1.52 0.00	35.24 1.67 0.00	36.64 1.84 0.72	31.68 1.69 1.87	35.04 1.94 2.85	33.58 1.95 3.33	34.66 1.95 3.59	31.90 1.79 2.84	32.30 1.79 2.75	31.31 1.64 2.64	33.61 1.70 2.11	49.27 2.27 0.00	40.75 1.83 0.00	26.70 1.14 0.00	31.72 1.29 0.00
CRICKET___VALLEY_CC2 323757	22.86 1.00 0.00	20.40 0.86 0.00	17.77 0.70 0.00	16.89 0.67 0.00	20.79 0.78 0.00	23.59 0.70 0.00	27.54 0.95 0.00	24.55 1.02 0.00	29.73 1.19 0.00	34.98 1.52 0.00	35.24 1.67 0.00	36.64 1.84 0.72	31.68 1.69 1.87	35.04 1.94 2.85	33.58 1.95 3.33	34.66 1.95 3.59	31.90 1.79 2.84	32.30 1.79 2.75	31.31 1.64 2.64	33.61 1.70 2.11	49.27 2.27 0.00	40.75 1.83 0.00	26.70 1.14 0.00	31.72 1.29 0.00
CRICKET___VALLEY_CC3 323758	22.86 1.00 0.00	20.40 0.86 0.00	17.77 0.70 0.00	16.89 0.67 0.00	20.79 0.78 0.00	23.59 0.70 0.00	27.54 0.95 0.00	24.55 1.02 0.00	29.73 1.19 0.00	34.98 1.52 0.00	35.24 1.67 0.00	36.64 1.84 0.72	31.68 1.69 1.87	35.04 1.94 2.85	33.58 1.95 3.33	34.66 1.95 3.59	31.90 1.79 2.84	32.30 1.79 2.75	31.31 1.64 2.64	33.61 1.70 2.11	49.27 2.27 0.00	40.75 1.83 0.00	26.70 1.14 0.00	31.72 1.29 0.00
CRUCIBLE_METL_DRP 24180	21.92 0.06 0.00	19.58 0.04 0.00	17.08 0.01 0.00	16.26 0.05 0.00	20.11 0.10 0.00	22.97 0.09 0.00	26.75 0.17 0.00	23.67 0.14 0.00	28.71 0.17 0.00	33.65 0.19 0.00	33.82 0.25 0.00	35.22 0.32 0.62	30.46 0.22 1.61	33.74 0.23 2.44	32.18 0.08 2.86	33.32 0.10 3.08	30.60 0.08 2.44	31.00 0.11 2.36	30.14 0.09 2.27	32.21 0.02 1.83	46.82 -0.17 0.00	38.82 -0.10 0.00	25.54 -0.02 0.00	30.36 -0.08 0.00
DAHOWA___HYDRO 323763	23.12 1.26 0.00	20.67 1.14 0.00	18.04 0.97 0.00	17.10 0.88 0.00	21.06 1.05 0.00	23.90 1.02 0.00	27.93 1.34 0.00	24.77 1.25 0.00	30.13 1.60 0.00	35.47 2.01 0.00	35.53 1.96 0.00	36.91 2.18 0.79	31.71 1.89 2.04	35.06 2.21 3.10	33.53 2.20 3.63	34.59 2.21 3.91	31.88 2.02 3.10	32.26 2.00 3.00	31.35 1.92 2.88	33.79 2.07 2.30	49.86 2.87 0.00	41.25 2.33 0.00	27.06 1.49 0.00	32.19 1.75 0.00
DANC___LFGE 323619	21.62 -0.25 0.00	19.27 -0.27 0.00	16.82 -0.25 0.00	15.99 -0.22 0.00	19.84 -0.18 0.00	22.72 -0.17 0.00	26.60 0.01 0.00	23.60 0.07 0.00	28.65 0.11 0.00	33.63 0.17 0.00	33.94 0.37 0.00	35.35 0.34 0.51	30.80 0.27 1.33	34.15 0.22 2.02	32.58 -0.01 2.37	33.71 -0.04 2.55	30.91 -0.02 2.02	31.48 0.17 1.95	30.71 0.27 1.88	32.79 0.28 1.50	47.34 0.35 0.00	39.14 0.22 0.00	25.56 -0.01 0.00	30.25 -0.18 0.00
DANSKAMMER___1 23586	23.21 1.35 0.00	20.68 1.14 0.00	17.99 0.91 0.00	17.11 0.89 0.00	21.07 1.06 0.00	23.99 1.10 0.00	28.07 1.48 0.00	25.07 1.55 0.00	30.42 1.88 0.00	35.72 2.26 0.00	36.00 2.43 0.00	37.46 2.65 0.71	32.41 2.40 1.84	35.89 2.74 2.80	34.41 2.73 3.28	35.56 2.79 3.53	32.75 2.59 2.80	33.18 2.63 2.70	32.19 2.47 2.60	34.49 2.54 2.08	50.41 3.42 0.00	41.71 2.80 0.00	27.33 1.77 0.00	32.44 2.00 0.00
DANSKAMMER___2 23589	23.21 1.35 0.00	20.68 1.14 0.00	17.99 0.91 0.00	17.11 0.89 0.00	21.07 1.06 0.00	23.99 1.10 0.00	28.07 1.48 0.00	25.07 1.55 0.00	30.42 1.88 0.00	35.72 2.26 0.00	36.00 2.43 0.00	37.46 2.65 0.71	32.41 2.40 1.84	35.89 2.74 2.80	34.41 2.73 3.28	35.56 2.79 3.53	32.75 2.59 2.80	33.18 2.63 2.70	32.19 2.47 2.60	34.49 2.54 2.08	50.41 3.42 0.00	41.71 2.80 0.00	27.33 1.77 0.00	32.44 2.00 0.00
DANSKAMMER___3 23590	23.21 1.35 0.00	20.68 1.14 0.00	17.99 0.91 0.00	17.11 0.89 0.00	21.07 1.06 0.00	23.99 1.10 0.00	28.07 1.48 0.00	25.07 1.55 0.00	30.42 1.88 0.00	35.72 2.26 0.00	36.00 2.43 0.00	37.46 2.65 0.71	32.41 2.40 1.84	35.89 2.74 2.80	34.41 2.73 3.28	35.56 2.79 3.53	32.75 2.59 2.80	33.18 2.63 2.70	32.19 2.47 2.60	34.49 2.54 2.08	50.41 3.42 0.00	41.71 2.80 0.00	27.33 1.77 0.00	32.44 2.00 0.00
DANSKAMMER___4 23591	23.21 1.35 0.00	20.68 1.14 0.00	17.99 0.91 0.00	17.11 0.89 0.00	21.07 1.06 0.00	23.99 1.10 0.00	28.07 1.48 0.00	25.07 1.55 0.00	30.42 1.88 0.00	35.72 2.26 0.00	36.00 2.43 0.00	37.46 2.65 0.71	32.41 2.40 1.84	35.89 2.74 2.80	34.41 2.73 3.28	35.56 2.79 3.53	32.75 2.59 2.80	33.18 2.63 2.70	32.19 2.47 2.60	34.49 2.54 2.08	50.41 3.42 0.00	41.71 2.80 0.00	27.33 1.77 0.00	32.44 2.00 0.00
DANSKAMMER___DIESEL 23592	23.21 1.35 0.00	20.67 1.14 0.00	17.98 0.91 0.00	17.10 0.89 0.00	21.07 1.06 0.00	23.99 1.10 0.00	28.07 1.48 0.00	25.07 1.55 0.00	30.41 1.88 0.00	35.72 2.26 0.00	36.00 2.43 0.00	37.46 2.65 0.71	32.41 2.40 1.84	35.89 2.74 2.80	34.41 2.73 3.28	35.56 2.80 3.53	32.76 2.60 2.80	33.18 2.63 2.70	32.19 2.47 2.60	34.49 2.54 2.08	50.41 3.42 0.00	41.71 2.80 0.00	27.33 1.77 0.00	32.43 2.00 0.00
DARBY___SOLAR 323810	23.09 1.23 0.00	20.64 1.10 0.00	18.02 0.95 0.00	17.08 0.87 0.00	21.05 1.04 0.00	23.89 1.00 0.00	27.89 1.31 0.00	24.74 1.21 0.00	30.06 1.53 0.00	35.38 1.92 0.00	35.45 1.88 0.00	36.82 2.09 0.79	31.64 1.82 2.04	34.97 2.12 3.10	33.44 2.10 3.62	34.50 2.11 3.90	31.81 1.95 3.10	32.20 1.93 2.99	31.29 1.85 2.88	33.73 2.00 2.30	49.73 2.74 0.00	41.13 2.21 0.00	26.98 1.42 0.00	32.09 1.65 0.00

DASHVILLE___HYD 23610	22.98 1.12 0.00	20.47 0.94 0.00	17.79 0.72 0.00	16.94 0.72 0.00	20.85 0.83 0.00	23.76 0.87 0.00	27.77 1.18 0.00	24.84 1.31 0.00	30.06 1.52 0.00	35.29 1.83 0.00	35.57 2.00 0.00	37.07 2.27 0.72	32.01 2.01 1.86	35.39 2.27 2.83	33.92 2.26 3.31	35.05 2.32 3.56	32.28 2.15 2.82	32.70 2.17 2.73	31.69 2.00 2.63	33.95 2.02 2.10	49.70 2.71 0.00	41.14 2.22 0.00	26.95 1.38 0.00	31.98 1.54 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	24.80 2.93 0.00	22.03 2.49 0.00	19.16 2.09 0.00	18.14 1.92 0.00	22.38 2.37 0.00	25.47 2.58 0.00	30.05 3.46 0.00	27.02 3.49 0.00	32.92 4.38 0.00	38.55 5.08 -0.01	39.08 5.49 -0.02	40.30 5.48 0.71	35.83 5.07 1.10	38.57 5.41 2.80	36.81 5.12 3.28	38.34 5.58 3.53	35.53 5.37 2.80	35.56 5.01 2.70	34.40 4.68 2.60	36.85 4.91 2.08	53.65 6.66 0.00	44.77 5.85 0.00	29.57 4.01 0.00	35.03 4.60 0.00
DELAWARE___LFGE 323621	22.56 0.70 0.00	20.14 0.60 0.00	17.56 0.48 0.00	16.71 0.49 0.00	20.62 0.61 0.00	23.53 0.64 0.00	27.49 0.90 0.00	24.44 0.91 0.00	29.65 1.11 0.00	34.73 1.27 0.00	34.95 1.37 0.00	36.13 1.46 0.86	30.93 1.30 2.22	34.03 1.46 3.38	32.36 1.36 3.96	33.46 1.43 4.26	30.90 1.33 3.38	31.36 1.37 3.26	30.46 1.29 3.14	32.79 1.28 2.51	48.66 1.67 0.00	40.33 1.41 0.00	26.48 0.91 0.00	31.49 1.06 0.00
DERFIELD_115KV_TB7 355931	21.92 0.05 0.00	19.56 0.02 0.00	17.07 -0.01 0.00	16.24 0.03 0.00	20.05 0.04 0.00	22.88 -0.01 0.00	26.70 0.11 0.00	23.66 0.14 0.00	28.70 0.17 0.00	33.68 0.21 0.00	33.86 0.29 0.00	34.61 0.33 1.24	28.89 0.26 3.22	31.36 0.31 4.90	29.47 0.25 5.74	30.35 0.23 6.18	28.29 0.24 4.90	28.79 0.27 4.73	27.99 0.22 4.55	30.57 0.19 3.63	47.17 0.18 0.00	39.07 0.15 0.00	25.64 0.08 0.00	30.50 0.06 0.00
DOGLEVILLE___HYD 23807	22.04 0.17 0.00	19.62 0.08 0.00	17.11 0.04 0.00	16.33 0.11 0.00	20.07 0.06 0.00	22.88 -0.01 0.00	26.62 0.03 0.00	23.68 0.16 0.00	28.77 0.23 0.00	33.86 0.40 0.00	33.98 0.41 0.00	34.96 0.69 1.24	29.29 0.66 3.22	31.85 0.80 4.90	30.27 1.05 5.74	30.90 0.78 6.18	28.67 0.61 4.90	29.20 0.68 4.73	28.30 0.54 4.55	31.00 0.61 3.63	47.66 0.67 0.00	39.41 0.49 0.00	25.82 0.26 0.00	30.66 0.22 0.00
DUNKIRK___115KV_TB_200 55889	22.16 0.30 0.00	19.99 0.45 0.00	17.33 0.25 0.00	16.46 0.25 0.00	20.63 0.61 0.00	23.45 0.56 0.00	27.43 0.84 0.00	24.09 0.56 0.00	29.32 0.78 0.00	34.49 1.03 0.00	34.53 0.96 0.00	35.19 0.73 1.05	29.28 0.15 2.73	32.04 0.23 4.15	29.70 -0.41 4.85	30.96 -0.11 5.23	28.79 -0.02 4.14	29.26 0.01 4.00	28.41 -0.07 3.84	30.82 -0.15 3.05	46.48 -0.51 0.00	39.05 0.13 0.00	26.02 0.45 0.00	31.06 0.63 0.00
DUNKIRK___1 23563	22.16 0.30 0.00	19.99 0.45 0.00	17.33 0.25 0.00	16.46 0.25 0.00	20.63 0.61 0.00	23.45 0.56 0.00	27.43 0.84 0.00	24.09 0.56 0.00	29.32 0.78 0.00	34.49 1.03 0.00	34.53 0.96 0.00	35.19 0.73 1.05	29.28 0.15 2.73	32.04 0.23 4.15	29.70 -0.41 4.85	30.96 -0.11 5.23	28.79 -0.02 4.14	29.26 0.01 4.00	28.41 -0.07 3.84	30.82 -0.15 3.05	46.48 -0.51 0.00	39.05 0.13 0.00	26.02 0.45 0.00	31.06 0.63 0.00
DUNKIRK___2 23564	22.16 0.30 0.00	19.99 0.45 0.00	17.33 0.25 0.00	16.46 0.25 0.00	20.63 0.61 0.00	23.45 0.56 0.00	27.43 0.84 0.00	24.09 0.56 0.00	29.32 0.78 0.00	34.49 1.03 0.00	34.53 0.96 0.00	35.19 0.73 1.05	29.28 0.15 2.73	32.04 0.23 4.15	29.70 -0.41 4.85	30.96 -0.11 5.23	28.79 -0.02 4.14	29.26 0.01 4.00	28.41 -0.07 3.84	30.82 -0.15 3.05	46.48 -0.51 0.00	39.05 0.13 0.00	26.02 0.45 0.00	31.06 0.63 0.00
DUNKIRK___3 23565	22.08 0.22 0.00	19.94 0.40 0.00	17.34 0.27 0.00	16.46 0.24 0.00	20.60 0.59 0.00	23.41 0.52 0.00	27.33 0.74 0.00	23.99 0.47 0.00	29.20 0.66 0.00	34.32 0.86 0.00	34.32 0.75 0.00	34.96 0.49 1.05	29.05 -0.07 2.73	31.73 -0.07 4.15	29.41 -0.70 4.86	30.65 -0.42 5.23	28.52 -0.29 4.15	29.01 -0.24 4.00	28.17 -0.30 3.85	30.58 -0.39 3.05	46.18 -0.82 0.00	38.81 -0.11 0.00	25.87 0.31 0.00	30.91 0.47 0.00
DUNKIRK___4 23566	22.08 0.22 0.00	19.94 0.40 0.00	17.34 0.27 0.00	16.46 0.24 0.00	20.60 0.59 0.00	23.41 0.52 0.00	27.33 0.74 0.00	23.99 0.47 0.00	29.20 0.66 0.00	34.32 0.86 0.00	34.32 0.75 0.00	34.96 0.49 1.05	29.05 -0.07 2.73	31.73 -0.07 4.15	29.41 -0.70 4.86	30.65 -0.42 5.23	28.52 -0.29 4.15	29.01 -0.24 4.00	28.17 -0.30 3.85	30.58 -0.39 3.05	46.18 -0.82 0.00	38.81 -0.11 0.00	25.87 0.31 0.00	30.91 0.47 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.20 1.33 0.00	20.65 1.11 0.00	17.95 0.87 0.00	17.07 0.86 0.00	21.01 1.00 0.00	23.93 1.05 0.00	28.02 1.43 0.00	25.06 1.54 0.00	30.32 1.79 0.00	35.58 2.12 0.00	35.85 2.28 0.00	37.31 2.50 0.71	32.33 2.32 1.84	35.84 2.69 2.80	34.37 2.68 3.28	35.52 2.75 3.53	32.70 2.54 2.80	33.09 2.54 2.70	32.05 2.33 2.60	34.33 2.38 2.08	50.22 3.23 0.00	41.61 2.70 0.00	27.29 1.72 0.00	32.37 1.94 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.01 1.15 0.00	20.50 0.96 0.00	17.83 0.76 0.00	16.96 0.75 0.00	20.89 0.88 0.00	23.80 0.91 0.00	27.83 1.24 0.00	24.86 1.33 0.00	30.11 1.58 0.00	35.34 1.89 0.00	35.62 2.04 0.00	37.07 2.26 0.70	32.08 2.05 1.83	35.53 2.35 2.77	34.06 2.34 3.25	35.19 2.39 3.50	32.43 2.25 2.77	32.86 2.28 2.68	31.88 2.14 2.58	34.15 2.19 2.06	49.95 2.96 0.00	41.33 2.41 0.00	27.08 1.51 0.00	32.16 1.73 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.26 1.39 0.00	20.70 1.16 0.00	17.98 0.91 0.00	17.12 0.90 0.00	21.02 1.01 0.00	24.00 1.11 0.00	28.11 1.52 0.00	25.16 1.63 0.00	30.38 1.85 0.00	35.65 2.20 0.00	35.91 2.33 0.00	37.40 2.59 0.71	32.41 2.39 1.84	35.85 2.70 2.80	34.40 2.72 3.28	35.56 2.79 3.53	32.75 2.59 2.80	33.14 2.59 2.70	32.04 2.33 2.60	34.36 2.41 2.08	50.20 3.21 0.00	41.64 2.72 0.00	27.31 1.75 0.00	32.37 1.94 0.00
E179THST_13_KV_LOAD 356214	23.37 1.51 0.00	20.80 1.27 0.00	18.07 0.99 0.00	17.20 0.98 0.00	21.12 1.11 0.00	24.12 1.23 0.00	28.26 1.67 0.00	25.29 1.76 0.00	30.55 2.01 0.00	35.85 2.39 0.00	36.11 2.53 0.00	37.61 2.80 0.71	32.59 2.58 1.84	36.08 2.92 2.80	34.61 2.93 3.28	35.78 3.01 3.53	32.95 2.79 2.80	33.35 2.80 2.70	32.24 2.53 2.60	34.57 2.63 2.08	50.49 3.50 0.00	41.88 2.96 0.00	27.46 1.90 0.00	32.55 2.12 0.00
EAST HAMPTON___GT 23717	25.18 3.32 0.00	22.44 2.90 0.00	19.47 2.39 0.00	18.43 2.22 0.00	22.76 2.75 0.00	25.85 2.96 0.00	30.54 3.95 0.00	27.48 3.95 0.00	33.56 5.03 0.00	39.37 5.91 -0.01	39.90 6.30 -0.02	41.13 6.32 0.71	36.54 5.78 1.10	39.39 6.24 2.80	37.59 5.91 3.28	39.14 6.37 3.53	36.29 6.13 2.80	36.31 5.76 2.70	35.14 5.43 2.60	37.65 5.71 2.08	54.73 7.73 0.00	45.66 6.74 0.00	30.15 4.59 0.00	35.68 5.25 0.00

EAST RIVER___6 23660	23.30 1.44 0.00	20.72 1.18 0.00	17.99 0.92 0.00	17.13 0.91 0.00	21.06 1.05 0.00	23.97 1.08 0.00	28.07 1.48 0.00	25.16 1.63 0.00	30.42 1.89 0.00	35.74 2.28 0.00	36.01 2.44 0.00	37.47 2.66 0.71	32.50 2.49 1.84	36.06 2.90 2.80	34.59 2.90 3.28	35.75 2.98 3.53	32.91 2.75 2.80	33.31 2.76 2.70	32.25 2.53 2.60	34.49 2.54 2.08	50.42 3.43 0.00	41.83 2.91 0.00	27.42 1.86 0.00	32.51 2.08 0.00
EAST RIVER___7 23524	23.30 1.44 0.00	20.72 1.18 0.00	17.99 0.92 0.00	17.13 0.91 0.00	21.06 1.05 0.00	23.97 1.08 0.00	28.07 1.48 0.00	25.16 1.63 0.00	30.42 1.89 0.00	35.74 2.28 0.00	36.01 2.44 0.00	37.47 2.66 0.71	32.50 2.49 1.84	36.06 2.90 2.80	34.59 2.90 3.28	35.75 2.98 3.53	32.91 2.75 2.80	33.31 2.76 2.70	32.25 2.53 2.60	34.49 2.54 2.08	50.42 3.43 0.00	41.83 2.91 0.00	27.42 1.86 0.00	32.51 2.08 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.15 1.28 0.00	20.60 1.07 0.00	17.91 0.83 0.00	17.04 0.82 0.00	20.97 0.96 0.00	23.89 1.00 0.00	27.96 1.37 0.00	25.00 1.47 0.00	30.25 1.71 0.00	35.51 2.05 0.00	35.77 2.20 0.00	37.24 2.43 0.71	32.26 2.24 1.84	35.75 2.59 2.80	34.27 2.59 3.27	35.42 2.65 3.53	32.61 2.45 2.80	33.00 2.45 2.70	31.97 2.25 2.60	34.24 2.30 2.07	50.10 3.11 0.00	41.50 2.58 0.00	27.21 1.65 0.00	32.28 1.85 0.00
EAST_HAMPTON___DIESEL 23722	25.19 3.32 0.00	22.44 2.90 0.00	19.47 2.40 0.00	18.43 2.22 0.00	22.76 2.75 0.00	25.85 2.96 0.00	30.55 3.96 0.00	27.49 3.96 0.00	33.57 5.03 0.00	39.38 5.92 -0.01	39.91 6.32 -0.02	41.14 6.33 0.71	36.55 5.79 1.10	39.39 6.24 2.80	37.59 5.91 3.28	39.15 6.38 3.53	36.30 6.14 2.80	36.32 5.77 2.70	35.16 5.44 2.60	37.66 5.72 2.08	54.73 7.74 0.00	45.67 6.75 0.00	30.16 4.59 0.00	35.69 5.26 0.00
EAST_PULASKI___ESR 323781	21.62 -0.24 0.00	19.30 -0.23 0.00	16.86 -0.22 0.00	16.03 -0.19 0.00	19.83 -0.18 0.00	22.66 -0.23 0.00	26.45 -0.14 0.00	23.42 -0.11 0.00	28.41 -0.13 0.00	33.35 -0.11 0.00	33.59 0.02 0.00	35.17 -0.01 0.33	30.92 -0.06 0.87	34.51 -0.11 1.33	33.12 -0.28 1.56	34.33 -0.29 1.67	31.38 -0.25 1.33	31.80 -0.17 1.28	30.96 -0.12 1.23	32.87 -0.16 0.99	46.70 -0.29 0.00	38.70 -0.22 0.00	25.38 -0.19 0.00	30.11 -0.33 0.00
EAST_RIVER___1 323558	23.26 1.40 0.00	20.69 1.15 0.00	17.96 0.89 0.00	17.11 0.89 0.00	21.03 1.02 0.00	23.96 1.07 0.00	28.06 1.47 0.00	25.13 1.60 0.00	30.38 1.85 0.00	35.66 2.20 0.00	35.92 2.35 0.00	37.41 2.60 0.71	32.44 2.43 1.84	35.98 2.83 2.80	34.51 2.83 3.28	35.67 2.90 3.53	32.82 2.66 2.80	33.21 2.66 2.70	32.13 2.41 2.60	34.40 2.46 2.08	50.32 3.33 0.00	41.76 2.84 0.00	27.38 1.81 0.00	32.46 2.02 0.00
EAST_RIVER___2 323559	23.30 1.44 0.00	20.72 1.18 0.00	17.99 0.92 0.00	17.13 0.91 0.00	21.06 1.05 0.00	23.97 1.08 0.00	28.07 1.48 0.00	25.16 1.63 0.00	30.42 1.89 0.00	35.74 2.28 0.00	36.01 2.44 0.00	37.47 2.66 0.71	32.50 2.49 1.84	36.06 2.90 2.80	34.59 2.90 3.28	35.75 2.98 3.53	32.91 2.75 2.80	33.31 2.76 2.70	32.25 2.53 2.60	34.49 2.54 2.08	50.42 3.43 0.00	41.83 2.91 0.00	27.42 1.86 0.00	32.51 2.08 0.00
EAST___DELAWARE_HYD 23607	22.97 1.11 0.00	20.45 0.92 0.00	17.78 0.70 0.00	16.91 0.69 0.00	20.82 0.82 0.00	23.73 0.85 0.00	27.78 1.19 0.00	24.83 1.30 0.00	30.09 1.56 0.00	35.31 1.85 0.00	35.55 1.98 0.00	37.15 2.32 0.69	32.20 2.12 1.78	35.53 2.29 2.71	34.05 2.26 3.17	35.18 2.29 3.41	32.61 2.36 2.70	33.12 2.48 2.61	32.14 2.34 2.51	34.43 2.42 2.01	50.17 3.18 0.00	41.46 2.54 0.00	27.16 1.59 0.00	32.23 1.80 0.00
EIGHT_POINT___WT_PWR 323820	21.38 -0.48 0.00	19.20 -0.34 0.00	16.81 -0.26 0.00	15.86 -0.35 0.00	20.06 0.05 0.00	22.82 -0.07 0.00	26.68 0.10 0.00	23.63 0.10 0.00	28.80 0.27 0.00	33.99 0.53 0.00	34.15 0.57 0.00	34.96 0.39 0.95	29.43 0.03 2.45	32.29 0.07 3.73	30.28 -0.31 4.36	31.64 0.05 4.70	29.50 0.27 3.73	30.04 0.41 3.63	29.28 0.48 3.52	31.58 0.37 2.80	47.19 0.20 0.00	39.69 0.77 0.00	26.27 0.70 0.00	31.23 0.80 0.00
ELBRIDGE_115KV_TB2 80188	21.90 0.03 0.00	19.53 -0.01 0.00	17.06 -0.02 0.00	16.23 0.01 0.00	20.08 0.07 0.00	22.92 0.04 0.00	26.72 0.13 0.00	23.62 0.09 0.00	28.64 0.11 0.00	33.58 0.12 0.00	33.75 0.18 0.00	35.14 0.20 0.59	30.44 0.10 1.52	33.74 0.10 2.31	32.21 -0.05 2.70	33.36 -0.03 2.90	30.66 0.01 2.31	31.07 0.04 2.23	30.20 0.03 2.14	32.23 -0.05 1.73	46.68 -0.31 0.00	38.71 -0.21 0.00	25.50 -0.06 0.00	30.33 -0.11 0.00
ELEC_TRO_TEK 24086	23.49 1.62 0.00	20.91 1.38 0.00	18.16 1.08 0.00	17.26 1.05 0.00	21.26 1.25 0.00	24.26 1.37 0.00	28.42 1.84 0.00	25.44 1.92 0.00	30.78 2.24 0.00	35.94 2.48 0.00	36.30 2.72 0.00	37.71 2.91 0.71	32.74 2.73 1.84	36.13 2.98 2.80	34.63 2.94 3.28	35.84 3.07 3.53	33.02 2.87 2.80	33.31 2.75 2.70	32.25 2.53 2.60	34.53 2.59 2.08	50.53 3.54 0.00	41.98 3.06 0.00	27.59 2.03 0.00	32.75 2.31 0.00
ELLENBURG_WT_PWR 323604	21.72 -0.15 0.00	19.54 0.00 0.00	17.15 0.08 0.00	16.34 0.12 0.00	20.21 0.20 0.00	23.17 0.28 0.00	27.12 0.53 0.00	24.13 0.60 0.00	29.37 0.83 0.00	34.28 0.82 0.00	34.14 0.57 0.00	35.69 0.45 0.28	31.48 0.35 0.72	35.31 0.45 1.10	34.30 0.63 1.29	35.70 0.79 1.39	32.48 0.62 1.10	32.83 0.64 1.06	31.91 0.61 1.02	33.95 0.74 0.81	48.04 1.05 0.00	39.42 0.50 0.00	25.88 0.32 0.00	30.88 0.44 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.82 -0.04 0.00	19.80 0.26 0.00	17.33 0.26 0.00	16.38 0.16 0.00	20.48 0.47 0.00	23.28 0.39 0.00	27.06 0.47 0.00	23.69 0.16 0.00	28.77 0.24 0.00	33.81 0.35 0.00	33.72 0.14 0.00	34.34 -0.11 1.07	28.43 -0.66 2.77	30.93 -0.82 4.21	28.60 -1.44 4.92	29.77 -1.23 5.30	27.78 -0.97 4.20	28.30 -0.91 4.06	27.51 -0.90 3.90	29.86 -1.06 3.09	45.31 -1.68 0.00	38.18 -0.74 0.00	25.54 -0.02 0.00	30.55 0.12 0.00
EMPIRE_CC_1 323656	22.48 0.62 0.00	20.10 0.57 0.00	17.64 0.56 0.00	16.75 0.53 0.00	20.61 0.59 0.00	23.31 0.43 0.00	27.14 0.55 0.00	24.03 0.50 0.00	29.16 0.62 0.00	34.29 0.82 0.00	34.46 0.89 0.00	35.85 1.07 0.75	30.87 0.94 1.93	34.16 1.14 2.94	32.67 1.15 3.44	33.57 0.97 3.70	30.89 0.87 2.94	31.28 0.86 2.84	30.36 0.77 2.73	32.72 0.88 2.18	48.22 1.23 0.00	39.78 0.86 0.00	26.10 0.54 0.00	31.08 0.64 0.00
EMPIRE_CC_2 323658	22.48 0.62 0.00	20.10 0.57 0.00	17.64 0.56 0.00	16.75 0.53 0.00	20.61 0.59 0.00	23.31 0.43 0.00	27.14 0.55 0.00	24.03 0.50 0.00	29.16 0.62 0.00	34.29 0.82 0.00	34.46 0.89 0.00	35.85 1.07 0.75	30.87 0.94 1.93	34.16 1.14 2.94	32.67 1.15 3.44	33.57 0.97 3.70	30.89 0.87 2.94	31.28 0.86 2.84	30.36 0.77 2.73	32.72 0.88 2.18	48.22 1.23 0.00	39.78 0.86 0.00	26.10 0.54 0.00	31.08 0.64 0.00

ENORWICH_115KV_TB1 80156	23.02 1.16 0.00	20.63 1.09 0.00	18.02 0.95 0.00	17.22 1.00 0.00	21.24 1.23 0.00	24.33 1.44 0.00	28.40 1.82 0.00	25.35 1.82 0.00	30.90 2.37 0.00	36.37 2.90 0.00	36.66 3.09 0.00	38.15 3.45 0.82	32.73 3.00 2.13	36.06 3.34 3.24	34.22 3.04 3.79	35.34 3.12 4.08	32.36 2.64 3.23	32.87 2.74 3.12	32.14 2.83 3.01	34.56 2.94 2.40	50.91 3.92 0.00	42.20 3.28 0.00	27.67 2.11 0.00	32.79 2.36 0.00
ERIE_ST__34_KV_TB1-2 80199	22.14 0.28 0.00	20.05 0.51 0.00	17.53 0.46 0.00	16.58 0.36 0.00	20.72 0.71 0.00	23.55 0.66 0.00	27.41 0.82 0.00	24.05 0.53 0.00	29.26 0.73 0.00	34.41 0.95 0.00	34.34 0.76 0.00	34.98 0.51 1.06	29.01 -0.10 2.74	31.58 -0.21 4.17	29.27 -0.82 4.87	30.49 -0.56 5.25	28.38 -0.42 4.16	28.90 -0.34 4.02	28.07 -0.40 3.86	30.46 -0.50 3.06	46.13 -0.86 0.00	38.81 -0.11 0.00	25.89 0.32 0.00	30.93 0.50 0.00
ERIE_WT_PWR 323693	21.93 0.07 0.00	19.88 0.34 0.00	17.40 0.32 0.00	16.43 0.21 0.00	20.55 0.54 0.00	23.37 0.48 0.00	27.19 0.60 0.00	23.84 0.31 0.00	28.98 0.44 0.00	34.03 0.58 0.00	33.99 0.42 0.00	34.65 0.19 1.06	28.75 -0.36 2.75	31.29 -0.49 4.18	28.96 -1.11 4.89	30.16 -0.88 5.26	28.11 -0.67 4.18	28.61 -0.62 4.03	27.81 -0.64 3.87	30.18 -0.77 3.07	45.73 -1.26 0.00	38.51 -0.41 0.00	25.74 0.17 0.00	30.75 0.32 0.00
ESPRGFLD_115KV_TB1 80157	23.03 1.16 0.00	20.54 1.01 0.00	17.95 0.88 0.00	17.08 0.86 0.00	21.08 1.07 0.00	24.17 1.28 0.00	28.37 1.79 0.00	25.22 1.69 0.00	30.57 2.04 0.00	35.75 2.29 0.00	35.92 2.35 0.00	37.03 2.33 0.82	31.73 2.01 2.13	34.85 2.15 3.25	33.12 1.96 3.79	34.42 2.21 4.09	31.76 2.04 3.24	32.27 2.14 3.13	31.39 2.08 3.01	33.68 2.06 2.40	49.77 2.78 0.00	41.39 2.47 0.00	27.18 1.61 0.00	32.32 1.89 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.35 0.48 0.00	19.95 0.41 0.00	17.41 0.33 0.00	16.58 0.36 0.00	20.53 0.52 0.00	23.44 0.55 0.00	27.35 0.76 0.00	24.25 0.72 0.00	29.45 0.91 0.00	34.53 1.07 0.00	34.77 1.19 0.00	36.01 1.27 0.79	30.85 1.03 2.04	34.00 1.14 3.10	32.28 0.94 3.62	33.36 0.97 3.90	30.72 0.87 3.10	31.21 0.94 2.99	30.38 0.94 2.88	32.66 0.94 2.30	48.09 1.10 0.00	39.89 0.97 0.00	26.23 0.67 0.00	31.15 0.72 0.00
ETNA____115KV_TB2 80207	22.35 0.48 0.00	19.95 0.41 0.00	17.41 0.33 0.00	16.58 0.36 0.00	20.53 0.52 0.00	23.44 0.55 0.00	27.35 0.76 0.00	24.25 0.72 0.00	29.45 0.91 0.00	34.53 1.07 0.00	34.77 1.19 0.00	36.01 1.27 0.79	30.85 1.03 2.04	34.00 1.14 3.10	32.28 0.94 3.62	33.36 0.97 3.90	30.72 0.87 3.10	31.21 0.94 2.99	30.38 0.94 2.88	32.66 0.94 2.30	48.09 1.10 0.00	39.89 0.97 0.00	26.23 0.67 0.00	31.15 0.72 0.00
EUCLID__115KV_TB2 356179	21.66 -0.20 0.00	19.37 -0.17 0.00	16.91 -0.17 0.00	16.08 -0.13 0.00	19.88 -0.14 0.00	22.70 -0.19 0.00	26.43 -0.16 0.00	23.37 -0.15 0.00	28.35 -0.19 0.00	33.22 -0.24 0.00	33.36 -0.21 0.00	34.42 -0.23 0.88	29.30 -0.28 2.27	32.18 -0.33 3.45	30.46 -0.47 4.04	31.49 -0.46 4.35	29.12 -0.38 3.45	29.56 -0.37 3.33	28.74 -0.38 3.21	30.99 -0.47 2.56	46.19 -0.80 0.00	38.32 -0.60 0.00	25.20 -0.36 0.00	29.98 -0.46 0.00
E_CANADA_CAP_HY 24051	23.35 1.49 0.00	20.86 1.32 0.00	18.24 1.17 0.00	17.33 1.11 0.00	21.38 1.37 0.00	24.54 1.65 0.00	28.82 2.23 0.00	25.55 2.02 0.00	30.95 2.41 0.00	36.15 2.69 0.00	36.24 2.66 0.00	37.28 2.57 0.81	31.98 2.22 2.10	35.09 2.33 3.19	33.43 2.20 3.74	34.79 2.52 4.02	32.09 2.33 3.19	32.61 2.43 3.08	31.76 2.40 2.96	34.04 2.38 2.36	50.34 3.34 0.00	41.89 2.97 0.00	27.48 1.92 0.00	32.70 2.26 0.00
E_CANADA_MHWK_HY 24050	22.04 0.17 0.00	19.62 0.08 0.00	17.11 0.04 0.00	16.33 0.11 0.00	20.07 0.06 0.00	22.88 -0.01 0.00	26.62 0.03 0.00	23.68 0.16 0.00	28.77 0.23 0.00	33.86 0.40 0.00	33.98 0.41 0.00	34.96 0.69 1.24	29.29 0.66 3.22	31.85 0.80 4.90	30.27 1.05 5.74	30.90 0.78 6.18	28.67 0.61 4.90	29.20 0.68 4.73	28.30 0.54 4.55	31.00 0.61 3.63	47.66 0.67 0.00	39.41 0.49 0.00	25.82 0.26 0.00	30.66 0.22 0.00
E_FISHKILL__LBMP 23776	23.00 1.14 0.00	20.49 0.95 0.00	17.83 0.75 0.00	16.95 0.74 0.00	20.87 0.86 0.00	23.75 0.86 0.00	27.77 1.18 0.00	24.79 1.26 0.00	30.01 1.48 0.00	35.24 1.78 0.00	35.50 1.92 0.00	36.94 2.13 0.72	31.96 1.96 1.85	35.40 2.27 2.82	33.92 2.26 3.30	35.04 2.29 3.55	32.26 2.12 2.82	32.66 2.12 2.72	31.66 1.96 2.62	33.94 2.00 2.09	49.70 2.71 0.00	41.14 2.22 0.00	26.97 1.41 0.00	32.03 1.60 0.00
FALCON__SEABRD_CC1 323796	21.97 0.10 0.00	19.73 0.20 0.00	17.33 0.25 0.00	16.50 0.28 0.00	20.41 0.40 0.00	23.39 0.50 0.00	27.44 0.85 0.00	24.45 0.92 0.00	29.78 1.25 0.00	34.73 1.27 0.00	34.52 0.94 0.00	36.08 0.83 0.28	31.79 0.66 0.73	35.69 0.84 1.10	34.70 1.03 1.29	36.15 1.25 1.39	32.86 1.01 1.10	33.22 1.03 1.07	32.26 0.97 1.03	34.33 1.13 0.82	48.55 1.56 0.00	39.80 0.88 0.00	26.14 0.58 0.00	31.21 0.77 0.00
FALCON__SEABRD_CC2 323797	21.97 0.10 0.00	19.73 0.20 0.00	17.33 0.25 0.00	16.50 0.28 0.00	20.41 0.40 0.00	23.39 0.50 0.00	27.44 0.85 0.00	24.45 0.92 0.00	29.78 1.25 0.00	34.73 1.27 0.00	34.52 0.94 0.00	36.08 0.83 0.28	31.79 0.66 0.73	35.69 0.84 1.10	34.70 1.03 1.29	36.15 1.25 1.39	32.86 1.01 1.10	33.22 1.03 1.07	32.26 0.97 1.03	34.33 1.13 0.82	48.55 1.56 0.00	39.80 0.88 0.00	26.14 0.58 0.00	31.21 0.77 0.00
FAR ROCKAWAY__4 23548	23.78 1.92 0.00	21.18 1.64 0.00	18.36 1.29 0.00	17.49 1.27 0.00	21.52 1.51 0.00	24.60 1.71 0.00	28.80 2.22 0.00	25.77 2.24 0.00	31.20 2.66 0.00	36.31 2.85 0.00	36.69 3.11 0.00	38.20 3.39 0.71	33.19 3.18 1.84	36.62 3.46 2.80	35.14 3.46 3.28	36.37 3.61 3.53	33.45 3.29 2.80	33.75 3.20 2.70	32.73 3.01 2.60	35.02 3.07 2.08	51.17 4.18 0.00	42.47 3.55 0.00	27.88 2.31 0.00	33.05 2.61 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.26 1.40 0.00	20.69 1.16 0.00	17.97 0.90 0.00	17.11 0.89 0.00	21.05 1.03 0.00	23.98 1.09 0.00	28.09 1.50 0.00	25.16 1.63 0.00	30.41 1.87 0.00	35.68 2.22 0.00	35.96 2.38 0.00	37.44 2.63 0.71	32.47 2.45 1.84	36.00 2.85 2.80	34.54 2.85 3.28	35.70 2.93 3.53	32.84 2.68 2.80	33.24 2.69 2.70	32.16 2.44 2.60	34.43 2.49 2.08	50.36 3.37 0.00	41.78 2.86 0.00	27.40 1.83 0.00	32.47 2.04 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.28 1.42 0.00	20.70 1.17 0.00	17.99 0.91 0.00	17.12 0.90 0.00	21.06 1.05 0.00	24.00 1.11 0.00	28.10 1.52 0.00	25.17 1.64 0.00	30.41 1.88 0.00	35.70 2.24 0.00	35.97 2.39 0.00	37.45 2.64 0.71	32.48 2.47 1.84	36.02 2.87 2.80	34.55 2.87 3.28	35.71 2.94 3.53	32.86 2.70 2.80	33.25 2.70 2.70	32.17 2.45 2.60	34.45 2.50 2.08	50.38 3.39 0.00	41.81 2.89 0.00	27.42 1.86 0.00	32.50 2.06 0.00

FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.26 1.40 0.00	20.68 1.15 0.00	17.96 0.89 0.00	17.10 0.89 0.00	21.04 1.03 0.00	23.97 1.09 0.00	28.07 1.49 0.00	25.15 1.62 0.00	30.39 1.86 0.00	35.68 2.22 0.00	35.94 2.36 0.00	37.42 2.61 0.71	32.45 2.43 1.84	35.99 2.83 2.80	34.52 2.84 3.28	35.67 2.91 3.53	32.83 2.67 2.80	33.22 2.67 2.70	32.14 2.42 2.60	34.41 2.46 2.08	50.32 3.33 0.00	41.76 2.84 0.00	27.38 1.81 0.00	32.46 2.03 0.00
FARRAGUT___LBMP 323566	23.23 1.37 0.00	20.67 1.13 0.00	17.96 0.88 0.00	17.09 0.87 0.00	21.02 1.01 0.00	23.95 1.06 0.00	28.05 1.46 0.00	25.12 1.59 0.00	30.35 1.82 0.00	35.62 2.16 0.00	35.89 2.31 0.00	37.37 2.56 0.71	32.40 2.39 1.84	35.93 2.78 2.80	34.47 2.79 3.28	35.63 2.86 3.53	32.78 2.62 2.80	33.18 2.63 2.70	32.10 2.38 2.60	34.37 2.42 2.08	50.27 3.28 0.00	41.72 2.80 0.00	27.35 1.79 0.00	32.43 2.00 0.00
FENNER___WINDPWR 24204	22.13 0.26 0.00	19.75 0.21 0.00	17.26 0.18 0.00	16.42 0.21 0.00	20.30 0.29 0.00	23.23 0.34 0.00	27.08 0.49 0.00	24.04 0.51 0.00	29.23 0.70 0.00	34.34 0.88 0.00	34.54 0.96 0.00	35.72 1.10 0.90	30.46 0.94 2.34	33.49 1.09 3.55	31.76 0.95 4.15	32.77 0.95 4.48	30.24 0.83 3.55	30.69 0.87 3.43	29.83 0.81 3.30	32.19 0.80 2.64	47.98 0.99 0.00	39.74 0.82 0.00	26.08 0.51 0.00	30.94 0.51 0.00
FIBERTEK___ENERGY 23856	21.92 0.06 0.00	19.58 0.04 0.00	17.08 0.01 0.00	16.26 0.05 0.00	20.11 0.10 0.00	22.97 0.09 0.00	26.75 0.17 0.00	23.67 0.14 0.00	28.71 0.17 0.00	33.65 0.19 0.00	33.82 0.25 0.00	35.22 0.32 0.62	30.46 0.22 1.61	33.74 0.23 2.44	32.18 0.08 2.86	33.32 0.10 3.08	30.60 0.08 2.44	31.00 0.11 2.36	30.14 0.09 2.27	32.21 0.02 1.83	46.82 -0.17 0.00	38.82 -0.10 0.00	25.54 -0.02 0.00	30.36 -0.08 0.00
FITZPATRICK____ 23598	21.33 -0.54 0.00	19.06 -0.47 0.00	16.65 -0.43 0.00	15.84 -0.38 0.00	19.56 -0.46 0.00	22.34 -0.55 0.00	25.98 -0.61 0.00	22.96 -0.57 0.00	27.83 -0.71 0.00	32.63 -0.83 0.00	32.76 -0.82 0.00	31.05 -0.88 3.60	21.69 -0.84 9.33	20.81 -0.95 14.19	17.34 -1.03 16.59	17.39 -1.04 17.87	17.86 -0.93 14.17	18.65 -0.91 13.69	18.24 -0.90 13.17	22.49 -1.02 10.51	45.45 -1.54 0.00	37.68 -1.24 0.00	24.79 -0.77 0.00	29.49 -0.95 0.00
FLOWRFLD_69_KV_BK1 356044	24.03 2.17 0.00	21.37 1.83 0.00	18.58 1.50 0.00	17.61 1.40 0.00	21.72 1.71 0.00	24.75 1.86 0.00	29.14 2.55 0.00	26.15 2.63 0.00	31.75 3.22 0.00	36.99 3.53 0.00	37.47 3.88 -0.01	38.68 3.86 0.71	34.47 3.65 1.04	37.03 3.88 2.80	35.42 3.74 3.28	36.73 3.97 3.53	34.00 3.85 2.80	33.98 3.43 2.70	32.83 3.12 2.60	35.15 3.20 2.08	51.37 4.38 0.00	42.94 4.03 0.00	28.38 2.82 0.00	33.70 3.27 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.25 1.39 0.00	20.71 1.18 0.00	18.02 0.95 0.00	17.14 0.92 0.00	21.11 1.10 0.00	24.03 1.14 0.00	28.12 1.54 0.00	25.13 1.60 0.00	30.48 1.95 0.00	35.81 2.35 0.00	36.09 2.51 0.00	37.55 2.74 0.71	32.49 2.48 1.84	35.99 2.84 2.80	34.50 2.82 3.28	35.66 2.90 3.53	32.84 2.68 2.80	33.27 2.72 2.71	32.26 2.55 2.61	34.56 2.62 2.08	50.53 3.54 0.00	41.80 2.88 0.00	27.39 1.82 0.00	32.51 2.07 0.00
FORT ORANGE____ 23900	22.51 0.65 0.00	20.11 0.57 0.00	17.58 0.51 0.00	16.70 0.48 0.00	20.57 0.56 0.00	23.37 0.48 0.00	27.24 0.66 0.00	24.17 0.64 0.00	29.33 0.79 0.00	34.46 1.00 0.00	34.64 1.06 0.00	35.94 1.18 0.76	30.97 1.08 1.97	34.29 1.33 3.00	32.80 1.35 3.51	33.76 1.24 3.78	31.06 1.10 3.00	31.50 1.14 2.90	30.60 1.06 2.79	32.96 1.16 2.22	48.59 1.60 0.00	40.12 1.20 0.00	26.29 0.73 0.00	31.25 0.82 0.00
FORT_DRUM_COGEN 23780	21.72 -0.14 0.00	19.34 -0.20 0.00	16.86 -0.21 0.00	16.06 -0.16 0.00	19.93 -0.08 0.00	22.92 0.04 0.00	26.89 0.30 0.00	23.91 0.38 0.00	29.05 0.52 0.00	34.10 0.64 0.00	34.44 0.86 0.00	35.78 0.86 0.60	31.08 0.78 1.56	34.30 0.72 2.37	32.63 0.44 2.77	33.72 0.41 2.98	30.92 0.34 2.37	31.64 0.67 2.28	30.94 0.82 2.20	33.16 0.90 1.76	48.22 1.23 0.00	39.77 0.85 0.00	25.86 0.30 0.00	30.54 0.10 0.00
FPL_FAR_ROCK_GT1 24212	23.78 1.92 0.00	21.19 1.65 0.00	18.36 1.29 0.00	17.50 1.28 0.00	21.52 1.51 0.00	24.60 1.71 0.00	28.80 2.22 0.00	25.77 2.24 0.00	31.20 2.67 0.00	36.31 2.85 0.00	36.68 3.11 0.00	38.20 3.39 0.71	33.19 3.17 1.84	36.61 3.46 2.80	35.14 3.45 3.28	36.37 3.60 3.53	33.44 3.28 2.80	33.75 3.20 2.70	32.73 3.01 2.60	35.01 3.07 2.08	51.18 4.18 0.00	42.47 3.55 0.00	27.88 2.31 0.00	33.05 2.61 0.00
FPL_FAR_ROCK_GT2 23815	23.78 1.92 0.00	21.19 1.65 0.00	18.36 1.29 0.00	17.50 1.28 0.00	21.52 1.51 0.00	24.60 1.71 0.00	28.80 2.22 0.00	25.77 2.24 0.00	31.20 2.67 0.00	36.31 2.85 0.00	36.68 3.11 0.00	38.20 3.39 0.71	33.19 3.17 1.84	36.61 3.46 2.80	35.14 3.45 3.28	36.37 3.60 3.53	33.44 3.28 2.80	33.75 3.20 2.70	32.73 3.01 2.60	35.01 3.07 2.08	51.18 4.18 0.00	42.47 3.55 0.00	27.88 2.31 0.00	33.05 2.61 0.00
FRANKLIN_FALL_HYD 24054	21.65 -0.22 0.00	19.46 -0.07 0.00	17.07 -0.01 0.00	16.26 0.04 0.00	20.08 0.07 0.00	23.08 0.19 0.00	26.93 0.34 0.00	23.96 0.44 0.00	29.18 0.65 0.00	34.10 0.64 0.00	34.04 0.47 0.00	35.55 0.34 0.31	32.83 0.31 -0.66	38.04 0.37 -1.72	34.38 0.53 1.11	35.37 0.64 1.56	32.19 0.48 1.24	32.55 0.49 1.20	31.65 0.49 1.15	33.73 0.63 0.92	47.93 0.94 0.00	39.36 0.44 0.00	25.78 0.22 0.00	30.75 0.31 0.00
FREEPORT_EQUS_GT1 23764	23.68 1.82 0.00	21.10 1.56 0.00	18.29 1.21 0.00	17.40 1.18 0.00	21.42 1.41 0.00	24.46 1.57 0.00	28.66 2.07 0.00	25.66 2.14 0.00	31.07 2.53 0.00	36.27 2.81 0.00	36.59 3.01 0.00	38.02 3.21 0.71	33.03 3.02 1.84	36.41 3.25 2.80	34.76 3.08 3.28	35.98 3.22 3.53	33.23 3.07 2.80	33.54 2.99 2.70	32.47 2.75 2.60	34.64 2.69 2.08	50.73 3.74 0.00	42.33 3.41 0.00	27.84 2.27 0.00	33.03 2.60 0.00
FREEPORT___CT2 23818	23.68 1.82 0.00	21.10 1.56 0.00	18.29 1.21 0.00	17.40 1.18 0.00	21.42 1.41 0.00	24.46 1.57 0.00	28.66 2.07 0.00	25.66 2.14 0.00	31.07 2.53 0.00	36.27 2.81 0.00	36.59 3.01 0.00	38.02 3.21 0.71	33.03 3.02 1.84	36.41 3.25 2.80	34.76 3.08 3.28	35.98 3.22 3.53	33.23 3.07 2.80	33.54 2.99 2.70	32.47 2.75 2.60	34.64 2.69 2.08	50.73 3.74 0.00	42.33 3.41 0.00	27.84 2.27 0.00	33.03 2.60 0.00
FRESHKLS_33_KV_LOAD 356253	23.34 1.48 0.00	20.77 1.23 0.00	18.03 0.96 0.00	17.17 0.95 0.00	21.11 1.10 0.00	24.08 1.19 0.00	28.17 1.58 0.00	25.21 1.68 0.00	30.34 1.81 0.00	35.53 2.07 0.00	35.77 2.19 0.00	37.27 2.46 0.71	30.16 2.27 3.97	31.17 2.63 7.41	33.83 2.69 3.82	35.52 2.75 3.53	32.72 2.56 2.80	33.13 2.58 2.70	32.10 2.38 2.60	34.45 2.50 2.08	50.38 3.39 0.00	41.75 2.83 0.00	27.44 1.88 0.00	32.41 1.98 0.00

FULTON COGEN____ 23766	21.64 -0.22 0.00	19.34 -0.20 0.00	16.89 -0.19 0.00	16.06 -0.15 0.00	19.85 -0.16 0.00	22.67 -0.22 0.00	26.39 -0.19 0.00	23.34 -0.18 0.00	28.30 -0.23 0.00	33.18 -0.28 0.00	33.34 -0.23 0.00	35.00 -0.25 0.27	30.85 -0.31 0.69	34.55 -0.35 1.06	33.23 -0.49 1.23	34.48 -0.48 1.33	31.49 -0.42 1.06	31.83 -0.41 1.02	30.95 -0.39 0.98	32.78 -0.45 0.79	46.21 -0.78 0.00	38.32 -0.60 0.00	25.20 -0.36 0.00	29.96 -0.48 0.00
FULTON____LFGE 323630	23.95 2.08 0.00	21.38 1.85 0.00	18.64 1.57 0.00	17.81 1.60 0.00	21.90 1.89 0.00	25.32 2.43 0.00	29.48 2.89 0.00	25.98 2.46 0.00	31.20 2.67 0.00	36.68 3.22 0.00	36.85 3.28 0.00	37.36 2.65 0.80	32.76 2.99 2.08	35.55 2.77 3.17	35.22 3.97 3.71	36.17 3.87 3.99	32.67 2.88 3.17	33.42 3.22 3.06	32.59 3.22 2.94	34.98 3.31 2.35	51.57 4.58 0.00	42.70 3.78 0.00	27.96 2.39 0.00	33.37 2.94 0.00
G.F.CEMENT____DRP 24184	23.31 1.44 0.00	20.84 1.30 0.00	18.18 1.10 0.00	17.21 0.99 0.00	21.19 1.18 0.00	24.02 1.13 0.00	28.11 1.52 0.00	24.95 1.42 0.00	30.37 1.84 0.00	35.79 2.33 0.00	35.80 2.23 0.00	37.16 2.42 0.79	31.90 2.09 2.04	35.28 2.44 3.11	33.79 2.46 3.64	34.91 2.53 3.92	32.17 2.32 3.11	32.54 2.28 3.00	31.62 2.19 2.89	34.08 2.36 2.30	50.20 3.21 0.00	41.52 2.60 0.00	27.23 1.67 0.00	32.42 1.98 0.00
GARDENVILLE____LBMP 24039	21.87 0.01 0.00	19.84 0.31 0.00	17.35 0.28 0.00	16.41 0.19 0.00	20.52 0.51 0.00	23.32 0.43 0.00	27.13 0.54 0.00	23.77 0.24 0.00	28.87 0.33 0.00	33.93 0.47 0.00	33.86 0.29 0.00	34.49 0.03 1.06	28.60 -0.51 2.75	31.13 -0.65 4.18	28.81 -1.26 4.89	29.99 -1.04 5.27	27.97 -0.81 4.18	28.48 -0.75 4.03	27.69 -0.76 3.88	30.05 -0.89 3.07	45.54 -1.45 0.00	38.36 -0.56 0.00	25.64 0.08 0.00	30.66 0.22 0.00
GARDNVLA_35_KV_LD 355827	21.96 0.09 0.00	19.93 0.39 0.00	17.44 0.36 0.00	16.47 0.26 0.00	20.59 0.58 0.00	23.40 0.51 0.00	27.22 0.64 0.00	23.87 0.34 0.00	29.01 0.48 0.00	34.09 0.63 0.00	34.02 0.45 0.00	34.69 0.23 1.06	28.77 -0.33 2.75	31.33 -0.45 4.18	28.99 -1.08 4.89	30.20 -0.83 5.26	28.15 -0.63 4.17	28.66 -0.56 4.03	27.85 -0.59 3.87	30.23 -0.72 3.07	45.78 -1.21 0.00	38.54 -0.38 0.00	25.77 0.20 0.00	30.78 0.35 0.00
GELCKHM__115KV_LOAD 80723	21.76 -0.10 0.00	19.44 -0.09 0.00	16.97 -0.10 0.00	16.15 -0.06 0.00	19.97 -0.05 0.00	22.80 -0.09 0.00	26.55 -0.03 0.00	23.49 -0.04 0.00	28.49 -0.05 0.00	33.39 -0.07 0.00	33.55 -0.03 0.00	34.73 -0.01 0.78	29.73 -0.10 2.03	32.76 -0.12 3.08	31.09 -0.27 3.60	32.18 -0.24 3.88	29.67 -0.21 3.08	30.10 -0.18 2.97	29.27 -0.19 2.86	31.45 -0.28 2.29	46.43 -0.56 0.00	38.51 -0.41 0.00	25.33 -0.23 0.00	30.13 -0.31 0.00
GENERAL____MILLS 23808	21.92 0.06 0.00	19.89 0.36 0.00	17.40 0.33 0.00	16.45 0.23 0.00	20.56 0.55 0.00	23.36 0.48 0.00	27.18 0.59 0.00	23.82 0.29 0.00	28.95 0.42 0.00	34.02 0.56 0.00	33.95 0.38 0.00	34.60 0.14 1.06	28.69 -0.42 2.75	31.24 -0.54 4.18	28.91 -1.16 4.89	30.11 -0.92 5.27	28.07 -0.71 4.18	28.58 -0.65 4.03	27.78 -0.67 3.87	30.14 -0.80 3.07	45.68 -1.31 0.00	38.47 -0.45 0.00	25.71 0.15 0.00	30.72 0.29 0.00
GE_PLASTICS____DRP 24183	22.50 0.63 0.00	20.09 0.55 0.00	17.56 0.48 0.00	16.68 0.46 0.00	20.55 0.54 0.00	23.36 0.47 0.00	27.22 0.63 0.00	24.15 0.62 0.00	29.30 0.76 0.00	34.40 0.94 0.00	34.60 1.02 0.00	35.93 1.16 0.76	30.96 1.07 1.96	34.24 1.27 2.98	32.74 1.27 3.49	33.73 1.20 3.76	31.06 1.09 2.98	31.48 1.10 2.88	30.57 1.02 2.77	32.89 1.09 2.21	48.46 1.47 0.00	40.03 1.12 0.00	26.26 0.69 0.00	31.22 0.78 0.00
GILBOA____1 23756	22.58 0.71 0.00	20.15 0.61 0.00	17.58 0.50 0.00	16.71 0.49 0.00	20.60 0.59 0.00	23.45 0.56 0.00	27.35 0.76 0.00	24.31 0.78 0.00	29.46 0.92 0.00	34.48 1.02 0.00	34.70 1.12 0.00	36.02 1.29 0.79	31.02 1.20 2.04	34.19 1.34 3.10	32.67 1.34 3.63	33.76 1.37 3.91	31.12 1.26 3.10	31.54 1.28 2.99	30.60 1.16 2.88	32.87 1.15 2.30	48.52 1.53 0.00	40.22 1.30 0.00	26.40 0.83 0.00	31.38 0.95 0.00
GILBOA____2 23757	22.58 0.71 0.00	20.15 0.61 0.00	17.58 0.50 0.00	16.71 0.49 0.00	20.60 0.59 0.00	23.45 0.56 0.00	27.35 0.76 0.00	24.31 0.78 0.00	29.46 0.92 0.00	34.48 1.02 0.00	34.70 1.12 0.00	36.02 1.29 0.79	31.02 1.20 2.04	34.19 1.34 3.10	32.67 1.34 3.63	33.76 1.37 3.91	31.12 1.26 3.10	31.54 1.28 2.99	30.60 1.16 2.88	32.87 1.15 2.30	48.52 1.53 0.00	40.22 1.30 0.00	26.40 0.83 0.00	31.38 0.95 0.00
GILBOA____3 23758	22.58 0.71 0.00	20.15 0.61 0.00	17.58 0.50 0.00	16.71 0.49 0.00	20.60 0.59 0.00	23.45 0.56 0.00	27.35 0.76 0.00	24.31 0.78 0.00	29.46 0.92 0.00	34.48 1.02 0.00	34.70 1.12 0.00	36.02 1.29 0.79	31.02 1.20 2.04	34.19 1.34 3.10	32.67 1.34 3.63	33.76 1.37 3.91	31.12 1.26 3.10	31.54 1.28 2.99	30.60 1.16 2.88	32.87 1.15 2.30	48.52 1.53 0.00	40.22 1.30 0.00	26.40 0.83 0.00	31.38 0.95 0.00
GILBOA____4 23759	22.58 0.71 0.00	20.15 0.61 0.00	17.58 0.50 0.00	16.71 0.49 0.00	20.60 0.59 0.00	23.45 0.56 0.00	27.35 0.76 0.00	24.31 0.78 0.00	29.46 0.92 0.00	34.48 1.02 0.00	34.70 1.12 0.00	36.02 1.29 0.79	31.02 1.20 2.04	34.19 1.34 3.10	32.67 1.34 3.63	33.76 1.37 3.91	31.12 1.26 3.10	31.54 1.28 2.99	30.60 1.16 2.88	32.87 1.15 2.30	48.52 1.53 0.00	40.22 1.30 0.00	26.40 0.83 0.00	31.38 0.95 0.00
GILBOA____ 23599	22.58 0.71 0.00	20.15 0.61 0.00	17.58 0.50 0.00	16.71 0.49 0.00	20.60 0.59 0.00	23.45 0.56 0.00	27.35 0.76 0.00	24.31 0.78 0.00	29.46 0.92 0.00	34.48 1.02 0.00	34.70 1.12 0.00	36.02 1.29 0.79	31.02 1.20 2.04	34.19 1.34 3.10	32.67 1.34 3.63	33.76 1.37 3.91	31.12 1.26 3.10	31.54 1.28 2.99	30.60 1.16 2.88	32.87 1.15 2.30	48.52 1.53 0.00	40.22 1.31 0.00	26.40 0.83 0.00	31.38 0.95 0.00
GINNA____ 23603	21.01 -0.85 0.00	18.85 -0.69 0.00	16.48 -0.59 0.00	15.63 -0.59 0.00	19.40 -0.62 0.00	22.18 -0.71 0.00	25.84 -0.75 0.00	22.85 -0.67 0.00	27.74 -0.80 0.00	32.55 -0.91 0.00	32.47 -1.10 0.00	33.13 -1.28 1.11	27.54 -1.42 2.89	29.92 -1.64 4.40	27.85 -1.97 5.14	28.82 -1.94 5.54	26.89 -1.67 4.39	27.42 -1.60 4.24	26.67 -1.56 4.08	29.02 -1.76 3.24	44.39 -2.61 0.00	36.98 -1.94 0.00	24.49 -1.07 0.00	29.15 -1.29 0.00
GLEN PARK____ 23778	21.86 0.00 0.00	19.46 -0.08 0.00	16.97 -0.11 0.00	16.16 -0.06 0.00	20.06 0.05 0.00	23.07 0.19 0.00	27.06 0.48 0.00	24.07 0.55 0.00	29.26 0.72 0.00	34.34 0.88 0.00	34.71 1.13 0.00	36.07 1.14 0.59	31.36 1.03 1.53	34.59 0.96 2.32	32.88 0.64 2.72	33.99 0.62 2.93	31.15 0.52 2.32	31.92 0.91 2.24	31.23 1.07 2.16	33.46 1.17 1.73	48.60 1.61 0.00	40.09 1.17 0.00	26.06 0.49 0.00	30.75 0.31 0.00

GLENDALE_27_KV_LOAD 356172	23.39 1.52 0.00	20.80 1.26 0.00	18.07 0.99 0.00	17.20 0.98 0.00	21.14 1.13 0.00	24.11 1.22 0.00	28.27 1.68 0.00	25.33 1.81 0.00	30.63 2.09 0.00	35.93 2.47 0.00	36.19 2.61 0.00	37.69 2.88 0.71	32.68 2.67 1.84	36.23 3.07 2.80	34.78 3.09 3.28	35.93 3.16 3.53	33.06 2.91 2.80	33.45 2.90 2.70	32.34 2.62 2.60	34.65 2.70 2.08	50.62 3.63 0.00	42.01 3.09 0.00	27.54 1.98 0.00	32.63 2.20 0.00
GLENWOOD_IC_1_G5 23712	23.45 1.59 0.00	20.88 1.35 0.00	18.13 1.06 0.00	17.25 1.03 0.00	21.24 1.22 0.00	24.23 1.34 0.00	28.38 1.79 0.00	25.39 1.86 0.00	30.53 1.99 0.00	35.74 2.28 0.00	36.11 2.53 0.00	37.57 2.76 0.71	32.59 2.58 1.84	36.04 2.88 2.80	34.55 2.86 3.28	35.71 2.95 3.53	32.88 2.73 2.80	33.21 2.66 2.70	32.15 2.43 2.60	34.42 2.48 2.08	50.38 3.39 0.00	41.78 2.86 0.00	27.43 1.87 0.00	32.74 2.31 0.00
GLENWOOD_IC_2_G1 23688	23.34 1.48 0.00	20.78 1.25 0.00	18.05 0.97 0.00	17.18 0.96 0.00	21.14 1.13 0.00	24.09 1.20 0.00	28.21 1.62 0.00	25.24 1.71 0.00	30.53 1.99 0.00	35.76 2.30 0.00	36.09 2.51 0.00	37.54 2.73 0.71	32.56 2.54 1.84	36.02 2.87 2.80	34.53 2.84 3.28	35.70 2.94 3.53	32.88 2.72 2.80	33.22 2.67 2.70	32.17 2.46 2.60	34.45 2.51 2.08	50.41 3.42 0.00	41.81 2.89 0.00	27.43 1.86 0.00	32.55 2.12 0.00
GLENWOOD_IC_3_G1 23689	23.34 1.48 0.00	20.78 1.25 0.00	18.05 0.97 0.00	17.18 0.96 0.00	21.14 1.13 0.00	24.09 1.20 0.00	28.21 1.62 0.00	25.24 1.71 0.00	30.53 1.99 0.00	35.76 2.30 0.00	36.09 2.51 0.00	37.54 2.73 0.71	32.56 2.54 1.84	36.02 2.87 2.80	34.53 2.84 3.28	35.70 2.94 3.53	32.88 2.72 2.80	33.22 2.67 2.70	32.17 2.46 2.60	34.45 2.51 2.08	50.41 3.42 0.00	41.81 2.89 0.00	27.43 1.86 0.00	32.55 2.12 0.00
GLENWOOD___4 23550	23.45 1.59 0.00	20.88 1.35 0.00	18.13 1.06 0.00	17.25 1.03 0.00	21.24 1.22 0.00	24.23 1.34 0.00	28.38 1.79 0.00	25.39 1.87 0.00	30.61 2.07 0.00	35.84 2.37 0.00	36.20 2.62 0.00	37.65 2.84 0.71	32.67 2.66 1.84	36.13 2.98 2.80	34.63 2.95 3.28	35.80 3.03 3.53	32.96 2.80 2.80	33.29 2.74 2.70	32.22 2.51 2.60	34.51 2.57 2.08	50.49 3.50 0.00	41.88 2.96 0.00	27.49 1.93 0.00	32.74 2.31 0.00
GLENWOOD___5 23614	23.45 1.59 0.00	20.88 1.35 0.00	18.13 1.06 0.00	17.25 1.03 0.00	21.24 1.22 0.00	24.23 1.34 0.00	28.38 1.79 0.00	25.39 1.87 0.00	30.61 2.07 0.00	35.84 2.37 0.00	36.20 2.62 0.00	37.65 2.84 0.71	32.67 2.66 1.84	36.13 2.98 2.80	34.63 2.95 3.28	35.80 3.03 3.53	32.96 2.80 2.80	33.29 2.74 2.70	32.22 2.51 2.60	34.51 2.57 2.08	50.49 3.50 0.00	41.88 2.96 0.00	27.49 1.93 0.00	32.74 2.31 0.00
GLOBAL GREEN_PORT_GT1 23814	25.05 3.19 0.00	22.32 2.79 0.00	19.36 2.28 0.00	18.35 2.13 0.00	22.64 2.63 0.00	25.74 2.86 0.00	30.38 3.80 0.00	27.34 3.82 0.00	33.39 4.85 0.00	39.14 5.67 -0.01	39.66 6.06 -0.02	40.91 6.10 0.71	36.35 5.59 1.10	39.17 6.02 2.80	37.38 5.70 3.28	38.91 6.15 3.53	36.05 5.90 2.80	36.09 5.54 2.70	34.93 5.22 2.60	37.42 5.47 2.08	54.40 7.41 0.00	45.38 6.46 0.00	29.96 4.40 0.00	35.46 5.02 0.00
GLOBE___DSASP 323697	21.25 -0.62 0.00	19.45 -0.09 0.00	17.08 0.00 0.00	16.12 -0.10 0.00	20.11 0.10 0.00	22.87 -0.02 0.00	26.53 -0.06 0.00	23.00 -0.53 0.00	27.70 -0.83 0.00	32.55 -0.91 0.00	32.36 -1.22 0.00	32.89 -1.55 1.08	27.10 -1.95 2.81	29.33 -2.36 4.27	27.02 -2.94 5.00	28.10 -2.82 5.38	26.33 -2.36 4.27	26.85 -2.28 4.12	26.14 -2.22 3.96	28.41 -2.47 3.14	43.39 -3.60 0.00	36.71 -2.22 0.00	24.76 -0.80 0.00	29.72 -0.72 0.00
GOETHSLN___LBMP 323567	23.12 1.26 0.00	20.57 1.04 0.00	17.86 0.79 0.00	17.02 0.80 0.00	20.92 0.91 0.00	23.85 0.96 0.00	27.89 1.31 0.00	24.98 1.45 0.00	30.18 1.64 0.00	35.41 1.95 0.00	35.66 2.09 0.00	37.15 2.35 0.71	29.88 2.18 4.16	31.07 2.55 7.44	33.72 2.58 3.82	35.41 2.64 3.53	32.60 2.44 2.80	33.00 2.45 2.70	31.94 2.23 2.60	34.20 2.26 2.08	50.04 3.05 0.00	41.55 2.63 0.00	27.25 1.68 0.00	32.29 1.86 0.00
GOLAH___69_KV_TB 1_2 80279	22.26 0.39 0.00	20.03 0.49 0.00	17.58 0.51 0.00	16.63 0.41 0.00	20.62 0.61 0.00	23.47 0.58 0.00	27.37 0.78 0.00	24.06 0.53 0.00	29.22 0.68 0.00	34.28 0.82 0.00	34.23 0.65 0.00	34.95 0.55 1.12	29.03 0.07 2.89	31.56 0.01 4.40	29.32 -0.50 5.15	30.41 -0.34 5.54	28.39 -0.17 4.40	28.94 -0.07 4.25	28.17 -0.06 4.08	30.67 -0.13 3.22	46.64 -0.35 0.00	39.04 0.12 0.00	25.93 0.36 0.00	30.83 0.39 0.00
GOODYEAR_LAKE_HYD 323669	22.75 0.89 0.00	20.29 0.76 0.00	17.70 0.63 0.00	16.85 0.63 0.00	20.80 0.79 0.00	23.78 0.89 0.00	27.83 1.25 0.00	24.76 1.23 0.00	30.04 1.51 0.00	35.18 1.72 0.00	35.41 1.83 0.00	36.59 1.92 0.85	31.34 1.68 2.20	34.46 1.85 3.34	32.76 1.71 3.91	33.93 1.84 4.21	31.31 1.70 3.34	31.78 1.76 3.23	30.89 1.67 3.11	33.21 1.67 2.48	49.18 2.19 0.00	40.81 1.90 0.00	26.79 1.22 0.00	31.85 1.42 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.22 0.36 0.00	19.85 0.31 0.00	17.30 0.22 0.00	16.48 0.26 0.00	20.43 0.42 0.00	23.28 0.39 0.00	27.17 0.58 0.00	24.11 0.58 0.00	29.27 0.74 0.00	34.29 0.83 0.00	34.46 0.88 0.00	35.52 0.84 0.84	30.30 0.62 2.18	33.35 0.71 3.31	31.54 0.46 3.88	32.69 0.57 4.18	30.17 0.53 3.31	30.61 0.55 3.20	29.73 0.49 3.08	32.04 0.48 2.45	47.42 0.43 0.00	39.42 0.50 0.00	25.95 0.39 0.00	30.89 0.46 0.00
GOUDEY___7 23579	22.24 0.38 0.00	19.87 0.33 0.00	17.32 0.24 0.00	16.49 0.27 0.00	20.44 0.44 0.00	23.29 0.41 0.00	27.19 0.61 0.00	24.12 0.60 0.00	29.30 0.76 0.00	34.33 0.87 0.00	34.49 0.92 0.00	35.57 0.89 0.84	30.33 0.65 2.18	33.39 0.75 3.31	31.59 0.51 3.88	32.74 0.62 4.18	30.21 0.57 3.31	30.66 0.60 3.20	29.77 0.53 3.08	32.08 0.52 2.45	47.46 0.47 0.00	39.47 0.55 0.00	25.98 0.42 0.00	30.92 0.49 0.00
GOUDEY___8 23580	22.22 0.36 0.00	19.85 0.31 0.00	17.30 0.22 0.00	16.48 0.26 0.00	20.43 0.42 0.00	23.28 0.39 0.00	27.17 0.58 0.00	24.11 0.58 0.00	29.27 0.74 0.00	34.29 0.83 0.00	34.46 0.88 0.00	35.52 0.84 0.84	30.30 0.62 2.18	33.35 0.71 3.31	31.54 0.46 3.88	32.69 0.57 4.18	30.17 0.53 3.31	30.61 0.55 3.20	29.73 0.49 3.08	32.04 0.48 2.45	47.42 0.43 0.00	39.42 0.50 0.00	25.95 0.39 0.00	30.89 0.46 0.00
GOWANUS_GT1_1 24077	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00

GOWANUS_GT1_2 24078	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT1_3 24079	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT1_4 24080	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT1_5 24084	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT1_6 24111	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT1_7 24112	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT1_8 24113	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT2_1 24114	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT2_2 24115	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT2_3 24116	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT2_4 24117	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT2_5 24118	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT2_6 24119	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT2_7 24120	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT2_8 24121	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00

GOWANUS_GT3_1 24122	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT3_2 24123	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT3_3 24124	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT3_4 24125	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT3_5 24126	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT3_6 24127	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT3_7 24128	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT3_8 24129	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT4_1 24130	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT4_2 24131	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT4_3 24132	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT4_4 24133	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT4_5 24134	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT4_6 24135	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GOWANUS_GT4_7 24136	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00

GOWANUS_GT4_8 24137	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GREENBSH_115KV_TB3 55895	22.39 0.53 0.00	20.00 0.46 0.00	17.48 0.41 0.00	16.60 0.39 0.00	20.46 0.45 0.00	23.23 0.34 0.00	27.08 0.49 0.00	24.01 0.48 0.00	29.14 0.61 0.00	34.25 0.79 0.00	34.44 0.87 0.00	35.77 1.01 0.76	30.81 0.93 1.98	34.07 1.13 3.01	32.58 1.14 3.52	33.54 1.03 3.79	30.89 0.93 3.00	31.29 0.94 2.90	30.38 0.86 2.79	32.72 0.93 2.23	48.25 1.26 0.00	39.84 0.92 0.00	26.12 0.55 0.00	31.05 0.62 0.00
GREENDGE_115KV_TB5 80291	22.10 0.24 0.00	19.80 0.27 0.00	17.25 0.18 0.00	16.41 0.19 0.00	20.46 0.44 0.00	23.34 0.45 0.00	27.16 0.58 0.00	24.18 0.66 0.00	29.24 0.71 0.00	34.29 0.83 0.00	34.43 0.86 0.00	35.40 0.79 0.91	29.97 0.47 2.36	32.88 0.52 3.59	30.94 0.18 4.20	32.11 0.34 4.52	29.74 0.37 3.59	30.22 0.43 3.47	29.40 0.43 3.34	31.70 0.35 2.67	47.22 0.23 0.00	39.42 0.51 0.00	26.06 0.50 0.00	30.78 0.35 0.00
GREENIDGE___3 23582	22.10 0.24 0.00	19.80 0.27 0.00	17.25 0.18 0.00	16.41 0.19 0.00	20.46 0.44 0.00	23.34 0.45 0.00	27.16 0.58 0.00	24.18 0.66 0.00	29.24 0.71 0.00	34.29 0.83 0.00	34.43 0.86 0.00	35.40 0.79 0.91	29.97 0.47 2.36	32.88 0.52 3.59	30.94 0.18 4.20	32.11 0.34 4.52	29.74 0.37 3.59	30.22 0.43 3.47	29.40 0.43 3.34	31.70 0.35 2.67	47.22 0.23 0.00	39.42 0.51 0.00	26.06 0.50 0.00	30.78 0.35 0.00
GREENIDGE___4 23583	22.10 0.24 0.00	19.79 0.25 0.00	17.24 0.17 0.00	16.40 0.18 0.00	20.45 0.44 0.00	23.34 0.45 0.00	27.16 0.57 0.00	24.18 0.66 0.00	29.23 0.70 0.00	34.28 0.82 0.00	34.43 0.86 0.00	35.40 0.79 0.91	29.96 0.46 2.36	32.89 0.53 3.59	30.95 0.19 4.20	32.11 0.34 4.52	29.74 0.37 3.59	30.22 0.44 3.47	29.40 0.43 3.34	31.71 0.35 2.67	47.22 0.23 0.00	39.42 0.51 0.00	26.07 0.50 0.00	30.78 0.34 0.00
GREENLWN_69_KV_BK 3 55738	23.54 1.68 0.00	20.98 1.44 0.00	18.20 1.12 0.00	17.32 1.10 0.00	21.33 1.32 0.00	24.35 1.46 0.00	28.53 1.94 0.00	25.57 2.04 0.00	30.99 2.46 0.00	36.11 2.64 0.00	36.48 2.90 0.00	37.89 3.08 0.71	32.92 2.93 1.87	36.29 3.14 2.80	34.72 3.04 3.28	35.95 3.18 3.53	33.13 2.98 2.80	33.36 2.81 2.70	32.26 2.55 2.60	34.53 2.59 2.08	50.54 3.55 0.00	42.04 3.12 0.00	27.68 2.12 0.00	32.87 2.44 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
GRISSOM___SOLAR 323813	23.95 2.08 0.00	21.38 1.85 0.00	18.64 1.57 0.00	17.81 1.60 0.00	21.90 1.89 0.00	25.32 2.43 0.00	29.48 2.89 0.00	25.98 2.46 0.00	31.20 2.67 0.00	36.68 3.22 0.00	36.85 3.28 0.00	37.36 2.65 0.80	32.76 2.99 2.08	35.55 2.77 3.17	35.22 3.97 3.71	36.17 3.87 3.99	32.67 2.88 3.17	33.42 3.22 3.06	32.59 3.22 2.94	34.98 3.31 2.35	51.57 4.58 0.00	42.70 3.78 0.00	27.96 2.39 0.00	33.37 2.94 0.00
GROVEVILLE___HYD 323602	23.25 1.39 0.00	20.71 1.18 0.00	18.02 0.95 0.00	17.14 0.92 0.00	21.11 1.10 0.00	24.03 1.14 0.00	28.12 1.54 0.00	25.13 1.60 0.00	30.48 1.95 0.00	35.81 2.35 0.00	36.09 2.51 0.00	37.55 2.74 0.71	32.49 2.48 1.84	35.99 2.84 2.80	34.50 2.82 3.28	35.66 2.90 3.53	32.84 2.68 2.80	33.27 2.72 2.71	32.26 2.55 2.61	34.56 2.62 2.08	50.53 3.54 0.00	41.80 2.88 0.00	27.39 1.82 0.00	32.51 2.07 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.92 0.06 0.00	19.58 0.04 0.00	17.08 0.01 0.00	16.26 0.05 0.00	20.11 0.10 0.00	22.97 0.09 0.00	26.75 0.17 0.00	23.67 0.14 0.00	28.71 0.17 0.00	33.65 0.19 0.00	33.82 0.25 0.00	35.22 0.32 0.62	30.46 0.22 1.61	33.74 0.23 2.44	32.18 0.08 2.86	33.32 0.10 3.08	30.60 0.08 2.44	31.00 0.11 2.36	30.14 0.09 2.27	32.21 0.02 1.83	46.82 -0.17 0.00	38.82 -0.10 0.00	25.54 -0.02 0.00	30.36 -0.08 0.00
HAMLTNNY_34_KV_TB 80303	22.04 0.18 0.00	19.66 0.13 0.00	17.17 0.10 0.00	16.34 0.12 0.00	20.23 0.22 0.00	23.09 0.20 0.00	26.94 0.35 0.00	23.83 0.30 0.00	28.92 0.38 0.00	33.91 0.45 0.00	34.13 0.55 0.00	35.55 0.62 0.59	30.76 0.43 1.54	34.08 0.47 2.34	32.52 0.29 2.73	33.67 0.32 2.94	30.94 0.32 2.33	31.35 0.34 2.25	30.47 0.32 2.17	32.45 0.20 1.77	47.05 0.06 0.00	39.01 0.09 0.00	25.69 0.13 0.00	30.54 0.10 0.00
HAMPSHIRE___PAPER_HYD 323593	21.11 -0.75 0.00	18.83 -0.70 0.00	16.45 -0.62 0.00	15.64 -0.57 0.00	19.37 -0.64 0.00	22.27 -0.62 0.00	26.02 -0.57 0.00	23.09 -0.43 0.00	28.06 -0.48 0.00	32.87 -0.59 0.00	33.03 -0.54 0.00	34.34 -0.64 0.55	29.91 -0.54 1.41	33.15 -0.66 2.14	31.76 -0.69 2.51	32.89 -0.70 2.70	30.14 -0.68 2.14	30.61 -0.58 2.07	29.88 -0.45 1.99	32.04 -0.39 1.59	46.49 -0.50 0.00	38.29 -0.62 0.00	25.01 -0.56 0.00	29.65 -0.78 0.00
HARDSCRABBLE_WT_PWR 323673	22.00 0.13 0.00	19.59 0.05 0.00	17.12 0.04 0.00	16.33 0.11 0.00	20.05 0.04 0.00	22.90 0.01 0.00	26.66 0.08 0.00	23.70 0.18 0.00	28.78 0.25 0.00	33.87 0.41 0.00	34.01 0.44 0.00	34.99 0.71 1.24	29.29 0.66 3.22	31.84 0.79 4.90	30.19 0.97 5.74	30.87 0.76 6.18	28.65 0.59 4.90	29.16 0.64 4.73	28.25 0.49 4.55	30.93 0.54 3.63	47.57 0.58 0.00	39.35 0.43 0.00	25.80 0.24 0.00	30.66 0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.04 1.18 0.00	20.53 0.99 0.00	17.84 0.76 0.00	16.98 0.77 0.00	20.91 0.90 0.00	23.84 0.95 0.00	27.85 1.26 0.00	24.88 1.35 0.00	30.15 1.61 0.00	35.41 1.95 0.00	35.69 2.11 0.00	37.25 2.42 0.70	32.26 2.21 1.80	35.77 2.57 2.75	34.32 2.57 3.21	35.47 2.63 3.46	32.61 2.40 2.74	33.04 2.44 2.65	32.04 2.28 2.55	34.32 2.33 2.03	50.16 3.17 0.00	41.47 2.56 0.00	27.17 1.60 0.00	32.25 1.81 0.00
HARSNRAD_115KV_TB1 81005	21.68 -0.18 0.00	19.69 0.15 0.00	17.24 0.17 0.00	16.30 0.09 0.00	20.36 0.35 0.00	23.15 0.26 0.00	26.85 0.27 0.00	23.44 -0.09 0.00	28.45 -0.08 0.00	33.44 -0.02 0.00	33.27 -0.31 0.00	33.87 -0.57 1.09	27.97 -1.08 2.81	30.30 -1.38 4.27	27.95 -2.01 5.00	29.10 -1.82 5.38	27.19 -1.50 4.27	27.74 -1.39 4.12	26.98 -1.37 3.96	29.33 -1.55 3.14	44.66 -2.33 0.00	37.71 -1.21 0.00	25.28 -0.28 0.00	30.26 -0.17 0.00

HARZA MOOSE___RIVER 24016	21.92 0.06 0.00	19.53 -0.01 0.00	16.99 -0.08 0.00	16.22 0.00 0.00	20.08 0.07 0.00	23.06 0.17 0.00	26.96 0.37 0.00	23.95 0.42 0.00	29.11 0.57 0.00	34.15 0.69 0.00	34.38 0.80 0.00	35.52 0.94 0.94	30.27 0.85 2.43	33.19 0.94 3.70	31.41 0.78 4.33	32.38 0.75 4.66	29.88 0.62 3.70	30.41 0.72 3.57	29.65 0.77 3.44	32.08 0.80 2.75	48.02 1.03 0.00	39.66 0.74 0.00	25.91 0.34 0.00	30.65 0.21 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.79 -0.08 0.00	19.47 -0.07 0.00	17.00 -0.08 0.00	16.17 -0.05 0.00	19.99 -0.03 0.00	22.82 -0.07 0.00	26.58 -0.01 0.00	23.51 -0.02 0.00	28.53 0.00 0.00	33.41 -0.05 0.00	33.55 -0.02 0.00	34.66 -0.02 0.84	29.57 -0.11 2.18	32.51 -0.12 3.32	30.80 -0.28 3.88	31.87 -0.25 4.18	29.44 -0.19 3.32	29.87 -0.18 3.21	29.03 -0.20 3.09	31.27 -0.29 2.47	46.43 -0.56 0.00	38.51 -0.41 0.00	25.33 -0.24 0.00	30.13 -0.30 0.00
HELLGATE_13_KV_LD 55870	23.26 1.40 0.00	20.70 1.16 0.00	17.98 0.91 0.00	17.12 0.90 0.00	21.04 1.02 0.00	24.00 1.11 0.00	28.11 1.52 0.00	25.20 1.67 0.00	30.45 1.92 0.00	35.71 2.25 0.00	35.96 2.39 0.00	37.45 2.64 0.71	32.49 2.47 1.84	35.98 2.82 2.80	34.54 2.85 3.28	35.67 2.90 3.53	32.83 2.68 2.80	33.22 2.66 2.70	32.12 2.40 2.60	34.43 2.48 2.08	50.29 3.30 0.00	41.74 2.82 0.00	27.37 1.81 0.00	32.43 1.99 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.26 1.40 0.00	20.70 1.16 0.00	17.98 0.91 0.00	17.12 0.90 0.00	21.04 1.02 0.00	24.00 1.11 0.00	28.11 1.52 0.00	25.20 1.67 0.00	30.45 1.92 0.00	35.71 2.25 0.00	35.96 2.39 0.00	37.45 2.64 0.71	32.49 2.47 1.84	35.98 2.82 2.80	34.54 2.85 3.28	35.67 2.90 3.53	32.83 2.68 2.80	33.22 2.66 2.70	32.12 2.40 2.60	34.43 2.48 2.08	50.29 3.30 0.00	41.74 2.82 0.00	27.37 1.81 0.00	32.43 1.99 0.00
HEMPSTEAD___ 23647	23.47 1.61 0.00	20.91 1.38 0.00	18.14 1.07 0.00	17.26 1.04 0.00	21.25 1.24 0.00	24.24 1.35 0.00	28.41 1.82 0.00	25.44 1.91 0.00	30.75 2.21 0.00	35.93 2.48 0.00	36.27 2.69 0.00	37.68 2.87 0.71	32.71 2.69 1.84	36.10 2.95 2.80	34.56 2.88 3.28	35.76 3.00 3.53	32.98 2.82 2.80	33.26 2.71 2.70	32.20 2.48 2.60	34.45 2.51 2.08	50.44 3.45 0.00	41.95 3.03 0.00	27.57 2.00 0.00	32.77 2.33 0.00
HEWLETT__69_KV_BK3 55828	23.67 1.80 0.00	21.08 1.54 0.00	18.28 1.20 0.00	17.41 1.19 0.00	21.42 1.41 0.00	24.48 1.59 0.00	28.66 2.07 0.00	25.64 2.11 0.00	31.04 2.51 0.00	36.19 2.72 0.00	36.55 2.98 0.00	38.04 3.23 0.71	33.05 3.04 1.84	36.45 3.30 2.80	34.97 3.29 3.28	36.20 3.43 3.53	33.30 3.15 2.80	33.60 3.05 2.70	32.57 2.85 2.60	34.85 2.91 2.08	50.96 3.97 0.00	42.29 3.37 0.00	27.78 2.21 0.00	32.94 2.50 0.00
HICKLING___1 23621	22.26 0.40 0.00	19.92 0.38 0.00	17.33 0.25 0.00	16.50 0.28 0.00	20.61 0.60 0.00	23.41 0.52 0.00	27.42 0.83 0.00	24.34 0.81 0.00	29.59 1.06 0.00	35.24 1.78 0.00	35.44 1.86 0.00	36.23 1.59 0.89	30.25 0.72 2.32	33.17 0.76 3.54	31.21 0.39 4.14	32.52 0.68 4.46	30.12 0.70 3.53	30.60 0.76 3.42	29.70 0.67 3.29	32.09 0.69 2.62	47.63 0.64 0.00	39.73 0.81 0.00	26.21 0.64 0.00	31.18 0.74 0.00
HICKLING___2 23622	22.26 0.40 0.00	19.92 0.38 0.00	17.33 0.25 0.00	16.50 0.28 0.00	20.61 0.60 0.00	23.41 0.52 0.00	27.42 0.83 0.00	24.34 0.81 0.00	29.59 1.06 0.00	35.24 1.78 0.00	35.44 1.86 0.00	36.23 1.59 0.89	30.25 0.72 2.32	33.17 0.76 3.54	31.21 0.39 4.14	32.52 0.68 4.46	30.12 0.70 3.53	30.60 0.76 3.42	29.70 0.67 3.29	32.09 0.69 2.62	47.63 0.64 0.00	39.73 0.81 0.00	26.21 0.64 0.00	31.18 0.74 0.00
HIGH FALLS___HY 23754	23.15 1.29 0.00	20.62 1.08 0.00	17.90 0.83 0.00	17.05 0.83 0.00	20.99 0.97 0.00	23.96 1.07 0.00	27.98 1.40 0.00	25.05 1.52 0.00	30.32 1.79 0.00	35.60 2.14 0.00	35.85 2.27 0.00	37.50 2.68 0.71	32.48 2.46 1.84	35.81 2.65 2.79	34.36 2.67 3.27	35.46 2.68 3.52	32.78 2.62 2.79	33.28 2.72 2.69	32.27 2.55 2.59	34.57 2.62 2.07	50.49 3.50 0.00	41.75 2.84 0.00	27.33 1.77 0.00	32.42 1.99 0.00
HILLBURN___GT 23639	22.97 1.10 0.00	20.46 0.92 0.00	17.76 0.69 0.00	16.93 0.72 0.00	20.82 0.82 0.00	23.78 0.89 0.00	27.74 1.15 0.00	24.79 1.26 0.00	30.01 1.48 0.00	35.24 1.78 0.00	35.50 1.93 0.00	37.10 2.28 0.70	32.15 2.11 1.81	35.63 2.44 2.76	34.18 2.45 3.23	35.29 2.47 3.47	32.42 2.21 2.75	32.81 2.22 2.66	31.81 2.06 2.56	34.08 2.10 2.04	49.85 2.86 0.00	41.24 2.32 0.00	27.02 1.45 0.00	32.06 1.63 0.00
HILLSIDE_115KV_TB1 80332	22.00 0.14 0.00	19.66 0.13 0.00	17.09 0.02 0.00	16.32 0.10 0.00	20.32 0.32 0.00	23.11 0.22 0.00	27.02 0.43 0.00	23.99 0.47 0.00	29.15 0.61 0.00	34.20 0.74 0.00	34.38 0.80 0.00	35.22 0.58 0.89	29.80 0.24 2.30	32.75 0.30 3.51	30.81 -0.05 4.10	32.04 0.16 4.42	29.60 0.15 3.50	30.04 0.18 3.39	29.15 0.09 3.26	31.51 0.09 2.60	46.75 -0.24 0.00	39.01 0.09 0.00	25.73 0.16 0.00	30.64 0.20 0.00
HISHELDN_WT_PWR 323625	21.62 -0.25 0.00	19.52 -0.02 0.00	17.13 0.06 0.00	16.17 -0.04 0.00	20.35 0.34 0.00	23.08 0.19 0.00	26.88 0.29 0.00	23.62 0.09 0.00	28.67 0.13 0.00	33.67 0.21 0.00	33.70 0.12 0.00	34.41 -0.07 1.04	28.65 -0.52 2.68	31.26 -0.62 4.07	29.03 -1.16 4.77	30.24 -0.92 5.13	28.21 -0.68 4.07	28.69 -0.63 3.93	27.90 -0.63 3.79	30.26 -0.76 3.00	45.73 -1.26 0.00	38.46 -0.46 0.00	25.66 0.10 0.00	30.64 0.20 0.00
HOLTSVILLE_IC_1 23690	23.86 1.99 0.00	21.27 1.73 0.00	18.46 1.38 0.00	17.54 1.32 0.00	21.60 1.59 0.00	24.62 1.73 0.00	28.92 2.33 0.00	25.95 2.43 0.00	31.51 2.98 0.00	36.68 3.22 -0.01	37.12 3.52 -0.02	38.39 3.57 0.71	34.17 3.40 1.09	36.75 3.59 2.80	35.11 3.42 3.28	36.45 3.68 3.53	33.66 3.51 2.80	33.75 3.20 2.70	32.61 2.90 2.60	34.91 2.97 2.08	51.05 4.05 0.00	42.64 3.73 0.00	28.16 2.59 0.00	33.45 3.01 0.00
HOLTSVILLE_IC_10 23699	24.03 2.17 0.00	21.42 1.88 0.00	18.59 1.51 0.00	17.65 1.43 0.00	21.75 1.74 0.00	24.77 1.88 0.00	29.14 2.55 0.00	26.16 2.64 0.00	31.80 3.26 0.00	37.04 3.58 -0.01	37.48 3.89 -0.02	38.71 3.90 0.71	34.41 3.69 1.13	37.06 3.91 2.80	35.42 3.74 3.28	36.78 4.01 3.53	34.00 3.85 2.80	34.05 3.50 2.70	32.91 3.19 2.60	35.22 3.28 2.08	51.46 4.47 0.00	43.00 4.08 0.00	28.41 2.84 0.00	33.73 3.29 0.00
HOLTSVILLE_IC_2 23691	23.86 1.99 0.00	21.27 1.73 0.00	18.46 1.38 0.00	17.54 1.32 0.00	21.60 1.59 0.00	24.62 1.73 0.00	28.92 2.33 0.00	25.95 2.43 0.00	31.51 2.98 0.00	36.68 3.22 -0.01	37.12 3.52 -0.02	38.39 3.57 0.71	34.17 3.40 1.09	36.75 3.59 2.80	35.11 3.42 3.28	36.45 3.68 3.53	33.66 3.51 2.80	33.75 3.20 2.70	32.61 2.90 2.60	34.91 2.97 2.08	51.05 4.05 0.00	42.64 3.73 0.00	28.16 2.59 0.00	33.45 3.01 0.00

HOLTSVILLE_IC_3 23692	23.86 1.99 0.00	21.27 1.73 0.00	18.46 1.38 0.00	17.54 1.32 0.00	21.60 1.59 0.00	24.62 1.73 0.00	28.92 2.33 0.00	25.95 2.43 0.00	31.51 2.98 0.00	36.68 3.22 -0.01	37.12 3.52 -0.02	38.39 3.57 0.71	34.17 3.40 1.09	36.75 3.59 2.80	35.11 3.42 3.28	36.45 3.68 3.53	33.66 3.51 2.80	33.75 3.20 2.70	32.61 2.90 2.60	34.91 2.97 2.08	51.05 4.05 0.00	42.64 3.73 0.00	28.16 2.59 0.00	33.45 3.01 0.00
HOLTSVILLE_IC_4 23693	23.86 1.99 0.00	21.27 1.73 0.00	18.46 1.38 0.00	17.54 1.32 0.00	21.60 1.59 0.00	24.62 1.73 0.00	28.92 2.33 0.00	25.95 2.43 0.00	31.51 2.98 0.00	36.68 3.22 -0.01	37.12 3.52 -0.02	38.39 3.57 0.71	34.17 3.40 1.09	36.75 3.59 2.80	35.11 3.42 3.28	36.45 3.68 3.53	33.66 3.51 2.80	33.75 3.20 2.70	32.61 2.90 2.60	34.91 2.97 2.08	51.05 4.05 0.00	42.64 3.73 0.00	28.16 2.59 0.00	33.45 3.01 0.00
HOLTSVILLE_IC_5 23694	23.86 1.99 0.00	21.27 1.73 0.00	18.46 1.38 0.00	17.54 1.32 0.00	21.60 1.59 0.00	24.62 1.73 0.00	28.92 2.33 0.00	25.95 2.43 0.00	31.51 2.98 0.00	36.68 3.22 -0.01	37.12 3.52 -0.02	38.39 3.57 0.71	34.17 3.40 1.09	36.75 3.59 2.80	35.11 3.42 3.28	36.45 3.68 3.53	33.66 3.51 2.80	33.75 3.20 2.70	32.61 2.90 2.60	34.91 2.97 2.08	51.05 4.05 0.00	42.64 3.73 0.00	28.16 2.59 0.00	33.45 3.01 0.00
HOLTSVILLE_IC_6 23695	24.03 2.17 0.00	21.42 1.88 0.00	18.59 1.51 0.00	17.65 1.43 0.00	21.75 1.74 0.00	24.77 1.88 0.00	29.14 2.55 0.00	26.16 2.64 0.00	31.80 3.26 0.00	37.04 3.58 -0.01	37.48 3.89 -0.02	38.71 3.90 0.71	34.41 3.69 1.13	37.06 3.91 2.80	35.42 3.74 3.28	36.78 4.01 3.53	34.00 3.85 2.80	34.05 3.50 2.70	32.91 3.19 2.60	35.22 3.28 2.08	51.46 4.47 0.00	43.00 4.08 0.00	28.41 2.84 0.00	33.73 3.29 0.00
HOLTSVILLE_IC_7 23696	24.03 2.17 0.00	21.42 1.88 0.00	18.59 1.51 0.00	17.65 1.43 0.00	21.75 1.74 0.00	24.77 1.88 0.00	29.14 2.55 0.00	26.16 2.64 0.00	31.80 3.26 0.00	37.04 3.58 -0.01	37.48 3.89 -0.02	38.71 3.90 0.71	34.41 3.69 1.13	37.06 3.91 2.80	35.42 3.74 3.28	36.78 4.01 3.53	34.00 3.85 2.80	34.05 3.50 2.70	32.91 3.19 2.60	35.22 3.28 2.08	51.46 4.47 0.00	43.00 4.08 0.00	28.41 2.84 0.00	33.73 3.29 0.00
HOLTSVILLE_IC_8 23697	24.03 2.17 0.00	21.42 1.88 0.00	18.59 1.51 0.00	17.65 1.43 0.00	21.75 1.74 0.00	24.77 1.88 0.00	29.14 2.55 0.00	26.16 2.64 0.00	31.80 3.26 0.00	37.04 3.58 -0.01	37.48 3.89 -0.02	38.71 3.90 0.71	34.41 3.69 1.13	37.06 3.91 2.80	35.42 3.74 3.28	36.78 4.01 3.53	34.00 3.85 2.80	34.05 3.50 2.70	32.91 3.19 2.60	35.22 3.28 2.08	51.46 4.47 0.00	43.00 4.08 0.00	28.41 2.84 0.00	33.73 3.29 0.00
HOLTSVILLE_IC_9 23698	24.03 2.17 0.00	21.42 1.88 0.00	18.59 1.51 0.00	17.65 1.43 0.00	21.75 1.74 0.00	24.77 1.88 0.00	29.14 2.55 0.00	26.16 2.64 0.00	31.80 3.26 0.00	37.04 3.58 -0.01	37.48 3.89 -0.02	38.71 3.90 0.71	34.41 3.69 1.13	37.06 3.91 2.80	35.42 3.74 3.28	36.78 4.01 3.53	34.00 3.85 2.80	34.05 3.50 2.70	32.91 3.19 2.60	35.22 3.28 2.08	51.46 4.47 0.00	43.00 4.08 0.00	28.41 2.84 0.00	33.73 3.29 0.00
HOMER_HL_115KV_TB2 355744	22.32 0.45 0.00	20.11 0.58 0.00	17.53 0.46 0.00	16.66 0.45 0.00	20.82 0.81 0.00	23.66 0.77 0.00	27.61 1.02 0.00	24.38 0.85 0.00	29.68 1.15 0.00	34.86 1.40 0.00	34.83 1.26 0.00	35.35 0.86 1.03	29.33 0.14 2.67	32.07 0.18 4.06	29.87 -0.34 4.75	30.91 -0.27 5.11	28.72 -0.18 4.05	29.16 -0.19 3.90	28.27 -0.31 3.73	30.70 -0.36 2.96	46.39 -0.60 0.00	39.01 0.09 0.00	25.91 0.35 0.00	31.01 0.57 0.00
HOWARD_WT_PWR 323690	21.40 -0.47 0.00	19.23 -0.31 0.00	16.80 -0.28 0.00	15.87 -0.35 0.00	20.06 0.05 0.00	22.84 -0.05 0.00	26.70 0.11 0.00	23.64 0.12 0.00	28.85 0.32 0.00	34.06 0.60 0.00	34.21 0.63 0.00	35.04 0.46 0.94	29.51 0.09 2.44	32.39 0.14 3.70	30.37 -0.26 4.33	31.74 0.11 4.67	29.59 0.33 3.70	30.13 0.47 3.60	29.36 0.53 3.49	31.65 0.40 2.78	47.25 0.26 0.00	39.73 0.82 0.00	26.29 0.73 0.00	31.27 0.83 0.00
HQ_GEN_CEDARS 23644	21.48 -0.38 0.00	19.25 -0.29 0.00	16.85 -0.22 0.00	15.98 -0.24 0.00	19.73 -0.28 0.00	22.67 -0.22 0.00	26.28 -0.31 0.00	23.25 -0.28 0.00	28.23 -0.30 0.00	33.07 -0.39 0.00	33.08 -0.50 0.00	34.62 -0.59 0.30	30.59 -0.48 0.79	34.19 -0.56 1.20	33.09 -0.47 1.41	34.34 -0.45 1.51	31.28 -0.47 1.20	31.61 -0.48 1.16	30.81 -0.40 1.12	32.80 -0.33 0.89	46.62 -0.37 0.00	38.46 -0.46 0.00	25.25 -0.32 0.00	30.08 -0.36 0.00
HQ_GEN_CEDARS_PROXY 323590	21.48 -0.38 0.00	19.24 -0.30 0.00	16.85 -0.22 0.00	15.98 -0.23 0.00	19.73 -0.28 0.00	22.67 -0.22 0.00	26.28 -0.30 0.00	23.25 -0.28 0.00	28.23 -0.31 0.00	33.07 -0.39 0.00	33.08 -0.50 0.00	34.62 -0.59 0.30	30.59 -0.48 0.79	34.19 -0.56 1.20	33.09 -0.47 1.41	34.34 -0.44 1.51	31.28 -0.47 1.20	31.62 -0.48 1.16	30.81 -0.40 1.12	32.80 -0.33 0.89	46.63 -0.37 0.00	38.46 -0.45 0.00	25.25 -0.32 0.00	30.08 -0.36 0.00
HQ_GEN_IMPORT 323601	21.66 -0.20 0.00	19.37 -0.16 0.00	16.95 -0.13 0.00	16.08 -0.14 0.00	19.85 -0.15 0.00	22.78 -0.11 0.00	26.39 -0.19 0.00	23.31 -0.21 0.00	28.28 -0.25 0.00	33.16 -0.30 0.00	33.21 -0.36 0.00	35.05 -0.42 0.05	31.10 -0.36 0.39	34.93 -0.42 0.60	32.63 -0.37 1.96	35.19 -0.36 0.76	32.01 -0.34 0.60	32.31 -0.36 0.58	31.46 -0.30 0.56	33.28 -0.29 0.45	46.66 -0.33 0.00	38.56 -0.36 0.00	25.33 -0.23 0.00	33.35 -0.22 -3.13
HQ_GEN_WHEEL 23651	21.66 -0.20 0.00	19.37 -0.16 0.00	16.95 -0.13 0.00	16.08 -0.14 0.00	19.85 -0.15 0.00	22.78 -0.11 0.00	26.39 -0.19 0.00	23.31 -0.21 0.00	28.28 -0.25 0.00	33.16 -0.30 0.00	33.21 -0.36 0.00	35.05 -0.42 0.05	31.10 -0.36 0.39	34.93 -0.42 0.60	32.63 -0.37 1.96	35.19 -0.36 0.76	32.01 -0.34 0.60	32.31 -0.36 0.58	31.46 -0.30 0.56	33.28 -0.29 0.45	46.66 -0.33 0.00	38.56 -0.36 0.00	25.33 -0.23 0.00	33.35 -0.22 -3.13
HUDSON_AVE_GT_3 23810	23.26 1.40 0.00	20.69 1.16 0.00	17.98 0.90 0.00	17.11 0.90 0.00	21.05 1.04 0.00	23.98 1.09 0.00	28.09 1.50 0.00	25.15 1.63 0.00	30.40 1.87 0.00	35.68 2.22 0.00	35.95 2.38 0.00	37.43 2.62 0.71	32.46 2.45 1.84	36.00 2.84 2.80	34.54 2.85 3.28	35.69 2.93 3.53	32.83 2.68 2.80	33.24 2.69 2.70	32.16 2.44 2.60	34.43 2.49 2.08	50.36 3.37 0.00	41.78 2.86 0.00	27.40 1.83 0.00	32.48 2.04 0.00
HUDSON_AVE_GT_4 23540	23.26 1.40 0.00	20.69 1.16 0.00	17.98 0.90 0.00	17.11 0.90 0.00	21.05 1.04 0.00	23.98 1.09 0.00	28.09 1.50 0.00	25.15 1.63 0.00	30.40 1.87 0.00	35.68 2.22 0.00	35.95 2.38 0.00	37.43 2.62 0.71	32.46 2.45 1.84	36.00 2.84 2.80	34.54 2.85 3.28	35.69 2.93 3.53	32.83 2.68 2.80	33.24 2.69 2.70	32.16 2.44 2.60	34.43 2.49 2.08	50.36 3.37 0.00	41.78 2.86 0.00	27.40 1.83 0.00	32.48 2.04 0.00

HUDSON AVE_GT_5 23657	23.26 1.40 0.00	20.69 1.16 0.00	17.98 0.90 0.00	17.11 0.90 0.00	21.05 1.04 0.00	23.98 1.09 0.00	28.09 1.50 0.00	25.15 1.63 0.00	30.40 1.87 0.00	35.68 2.22 0.00	35.95 2.38 0.00	37.43 2.62 0.71	32.46 2.45 1.84	36.00 2.84 2.80	34.54 2.85 3.28	35.69 2.93 3.53	32.83 2.68 2.80	33.24 2.69 2.70	32.16 2.44 2.60	34.43 2.49 2.08	50.36 3.37 0.00	41.78 2.86 0.00	27.40 1.83 0.00	32.48 2.04 0.00
HUDSON_AVE_10 24168	23.19 1.33 0.00	20.62 1.08 0.00	17.93 0.85 0.00	17.06 0.85 0.00	20.98 0.97 0.00	23.91 1.02 0.00	28.02 1.43 0.00	25.09 1.56 0.00	30.31 1.78 0.00	35.58 2.12 0.00	35.83 2.26 0.00	37.32 2.50 0.71	32.37 2.36 1.84	35.88 2.73 2.80	34.41 2.73 3.28	35.56 2.80 3.53	32.72 2.56 2.80	33.13 2.58 2.70	32.05 2.33 2.60	34.32 2.38 2.08	50.20 3.21 0.00	41.68 2.76 0.00	27.32 1.76 0.00	32.38 1.95 0.00
HUDSON___115KV_TB 4 355613	22.84 0.98 0.00	20.40 0.86 0.00	17.84 0.77 0.00	16.94 0.72 0.00	20.88 0.88 0.00	23.73 0.85 0.00	27.69 1.10 0.00	24.56 1.03 0.00	29.85 1.31 0.00	35.03 1.57 0.00	35.22 1.64 0.00	36.45 1.68 0.75	31.45 1.55 1.96	34.86 1.88 2.97	33.39 1.90 3.48	34.36 1.81 3.74	31.57 1.59 2.97	32.09 1.70 2.87	31.24 1.68 2.76	33.63 1.81 2.20	49.50 2.51 0.00	40.86 1.94 0.00	26.76 1.19 0.00	31.78 1.34 0.00
HUNTER MOUNT___DRP 323613	22.96 1.09 0.00	20.51 0.97 0.00	17.95 0.88 0.00	17.03 0.82 0.00	21.02 1.01 0.00	23.87 0.98 0.00	27.86 1.27 0.00	24.70 1.17 0.00	30.07 1.54 0.00	35.27 1.81 0.00	35.43 1.85 0.00	36.60 1.83 0.75	31.57 1.65 1.93	35.04 2.03 2.94	33.55 2.03 3.44	34.54 1.95 3.70	31.74 1.72 2.94	32.30 1.88 2.84	31.51 1.92 2.73	33.92 2.08 2.18	49.84 2.85 0.00	41.12 2.20 0.00	26.93 1.36 0.00	31.97 1.53 0.00
HUNTINGTON_RES_REC 323705	23.80 1.94 0.00	21.21 1.68 0.00	18.39 1.32 0.00	17.48 1.26 0.00	21.54 1.53 0.00	24.54 1.65 0.00	28.84 2.25 0.00	25.87 2.35 0.00	31.41 2.87 0.00	36.60 3.14 0.00	37.00 3.42 -0.01	38.31 3.50 0.71	34.38 3.30 0.78	36.68 3.53 2.80	35.08 3.40 3.28	36.37 3.60 3.53	33.60 3.44 2.80	33.73 3.18 2.70	32.60 2.88 2.60	34.90 2.95 2.08	51.04 4.05 0.00	42.55 3.63 0.00	28.06 2.50 0.00	33.32 2.88 0.00
HUNTLEY___63 23557	21.85 -0.01 0.00	19.89 0.36 0.00	17.42 0.35 0.00	16.47 0.25 0.00	20.57 0.56 0.00	23.40 0.51 0.00	27.17 0.59 0.00	23.69 0.16 0.00	28.71 0.18 0.00	33.75 0.29 0.00	33.59 0.02 0.00	34.23 -0.22 1.08	28.31 -0.76 2.79	30.71 -0.99 4.24	28.37 -1.63 4.96	29.51 -1.44 5.34	27.57 -1.15 4.24	28.09 -1.07 4.09	27.33 -1.05 3.94	29.66 -1.24 3.12	45.08 -1.91 0.00	38.03 -0.88 0.00	25.52 -0.04 0.00	30.53 0.09 0.00
HUNTLEY___64 23558	21.85 -0.01 0.00	19.89 0.36 0.00	17.42 0.35 0.00	16.47 0.25 0.00	20.57 0.56 0.00	23.40 0.51 0.00	27.17 0.59 0.00	23.69 0.16 0.00	28.71 0.18 0.00	33.75 0.29 0.00	33.59 0.02 0.00	34.23 -0.22 1.08	28.31 -0.76 2.79	30.71 -0.99 4.24	28.37 -1.63 4.96	29.51 -1.44 5.34	27.57 -1.15 4.24	28.09 -1.07 4.09	27.33 -1.05 3.94	29.66 -1.24 3.12	45.08 -1.91 0.00	38.03 -0.88 0.00	25.52 -0.04 0.00	30.53 0.09 0.00
HUNTLEY___65 23559	21.85 -0.01 0.00	19.89 0.36 0.00	17.42 0.35 0.00	16.47 0.25 0.00	20.57 0.56 0.00	23.40 0.51 0.00	27.17 0.59 0.00	23.69 0.16 0.00	28.71 0.18 0.00	33.75 0.29 0.00	33.59 0.02 0.00	34.23 -0.22 1.08	28.31 -0.76 2.79	30.71 -0.99 4.24	28.37 -1.63 4.96	29.51 -1.44 5.34	27.57 -1.15 4.24	28.09 -1.07 4.09	27.33 -1.05 3.94	29.66 -1.24 3.12	45.08 -1.91 0.00	38.03 -0.88 0.00	25.52 -0.04 0.00	30.53 0.09 0.00
HUNTLEY___66 23560	21.85 -0.01 0.00	19.89 0.36 0.00	17.42 0.35 0.00	16.47 0.25 0.00	20.57 0.56 0.00	23.40 0.51 0.00	27.17 0.59 0.00	23.69 0.16 0.00	28.71 0.18 0.00	33.75 0.29 0.00	33.59 0.02 0.00	34.23 -0.22 1.08	28.31 -0.76 2.79	30.71 -0.99 4.24	28.37 -1.63 4.96	29.51 -1.44 5.34	27.57 -1.15 4.24	28.09 -1.07 4.09	27.33 -1.05 3.94	29.66 -1.24 3.12	45.08 -1.91 0.00	38.03 -0.88 0.00	25.52 -0.04 0.00	30.53 0.09 0.00
HUNTLEY___67 23561	21.67 -0.19 0.00	19.68 0.15 0.00	17.24 0.16 0.00	16.28 0.07 0.00	20.34 0.33 0.00	23.12 0.23 0.00	26.86 0.28 0.00	23.48 -0.05 0.00	28.50 -0.04 0.00	33.49 0.03 0.00	33.36 -0.21 0.00	33.96 -0.49 1.07	28.09 -0.99 2.78	30.53 -1.20 4.23	28.20 -1.82 4.95	29.34 -1.62 5.33	27.40 -1.33 4.22	27.93 -1.25 4.08	27.15 -1.24 3.92	29.50 -1.42 3.11	44.83 -2.16 0.00	37.81 -1.11 0.00	25.33 -0.24 0.00	30.30 -0.13 0.00
HUNTLEY___68 23562	21.67 -0.19 0.00	19.68 0.15 0.00	17.24 0.16 0.00	16.28 0.07 0.00	20.34 0.33 0.00	23.12 0.23 0.00	26.86 0.28 0.00	23.48 -0.05 0.00	28.50 -0.04 0.00	33.49 0.03 0.00	33.36 -0.21 0.00	33.96 -0.49 1.07	28.09 -0.99 2.78	30.53 -1.20 4.23	28.20 -1.82 4.95	29.34 -1.62 5.33	27.40 -1.33 4.22	27.93 -1.25 4.08	27.15 -1.24 3.92	29.50 -1.42 3.11	44.83 -2.16 0.00	37.81 -1.11 0.00	25.33 -0.24 0.00	30.30 -0.13 0.00
HYLAND___LFGE 323620	22.88 1.02 0.00	20.54 1.01 0.00	17.94 0.87 0.00	16.96 0.75 0.00	21.24 1.23 0.00	24.17 1.28 0.00	28.33 1.74 0.00	24.98 1.45 0.00	30.17 1.63 0.00	35.45 1.99 0.00	35.29 1.71 0.00	35.87 1.37 1.03	30.00 0.80 2.66	32.54 0.63 4.04	30.26 0.03 4.72	31.57 0.36 5.09	29.48 0.56 4.04	29.96 0.61 3.90	29.68 1.13 3.76	32.47 1.43 2.98	49.22 2.22 0.00	41.17 2.25 0.00	27.24 1.68 0.00	32.38 1.95 0.00
INDECK___CORINTH 23802	23.21 1.34 0.00	20.76 1.22 0.00	18.10 1.02 0.00	17.12 0.91 0.00	21.08 1.07 0.00	23.90 1.01 0.00	27.94 1.36 0.00	24.80 1.27 0.00	30.18 1.65 0.00	35.55 2.09 0.00	35.59 2.01 0.00	36.92 2.19 0.79	31.70 1.89 2.05	35.07 2.22 3.11	33.56 2.25 3.64	34.68 2.31 3.92	31.99 2.14 3.11	32.37 2.11 3.01	31.45 2.02 2.89	33.89 2.17 2.31	49.94 2.96 0.00	41.30 2.38 0.00	27.11 1.54 0.00	32.25 1.82 0.00
INDECK___ILION 23567	22.02 0.15 0.00	19.64 0.10 0.00	17.12 0.05 0.00	16.32 0.10 0.00	20.10 0.09 0.00	22.94 0.06 0.00	26.73 0.14 0.00	23.73 0.21 0.00	28.81 0.27 0.00	33.85 0.39 0.00	34.01 0.43 0.00	34.86 0.58 1.24	29.16 0.52 3.22	31.67 0.62 4.90	29.90 0.67 5.74	30.66 0.54 6.18	28.52 0.46 4.90	29.02 0.50 4.73	28.18 0.42 4.55	30.82 0.44 3.63	47.47 0.48 0.00	39.28 0.36 0.00	25.78 0.21 0.00	30.62 0.19 0.00
INDECK___OLEAN 23982	22.32 0.46 0.00	20.09 0.55 0.00	17.52 0.45 0.00	16.64 0.42 0.00	20.81 0.80 0.00	23.66 0.77 0.00	27.60 1.01 0.00	24.38 0.85 0.00	29.67 1.13 0.00	34.84 1.38 0.00	34.84 1.26 0.00	35.35 0.86 1.03	29.33 0.15 2.67	32.09 0.19 4.06	29.87 -0.34 4.75	30.92 -0.26 5.11	28.73 -0.17 4.05	29.16 -0.20 3.90	28.27 -0.31 3.73	30.71 -0.35 2.96	46.39 -0.60 0.00	39.01 0.09 0.00	25.91 0.35 0.00	31.00 0.57 0.00

INDECK___OSWEGO 23783	21.51 -0.35 0.00	19.22 -0.32 0.00	16.79 -0.28 0.00	15.96 -0.25 0.00	19.73 -0.28 0.00	22.53 -0.35 0.00	26.23 -0.36 0.00	23.19 -0.34 0.00	28.11 -0.43 0.00	32.97 -0.50 0.00	33.16 -0.42 0.00	35.06 -0.46 0.00	31.38 -0.47 0.00	35.41 -0.54 0.00	34.30 -0.66 0.00	35.62 -0.67 0.00	32.37 -0.58 0.00	32.71 -0.55 0.00	31.78 -0.54 0.00	33.39 -0.62 0.00	45.98 -1.01 0.00	38.13 -0.79 0.00	25.07 -0.50 0.00	29.79 -0.64 0.00
INDECK___YERKES 23781	21.88 0.01 0.00	19.88 0.35 0.00	17.43 0.36 0.00	16.45 0.24 0.00	20.57 0.56 0.00	23.43 0.54 0.00	27.20 0.61 0.00	23.72 0.19 0.00	28.74 0.20 0.00	33.76 0.30 0.00	33.63 0.06 1.08	34.26 -0.18 2.79	28.36 -0.71 4.24	30.78 -0.94 4.96	28.42 -1.57 5.34	29.57 -1.39 4.24	27.61 -1.10 4.09	28.12 -1.04 3.94	27.37 -1.02 3.12	29.70 -1.20 3.12	45.13 -1.86 0.00	38.08 -0.84 0.00	25.55 -0.02 0.00	30.55 0.12 0.00
INDIAN POINT_GT_1 24139	23.07 1.21 0.00	20.54 1.00 0.00	17.85 0.78 0.00	16.99 0.77 0.00	20.91 0.90 0.00	23.82 0.93 0.00	27.87 1.28 0.00	24.92 1.39 0.00	30.15 1.62 0.00	35.40 1.94 0.00	35.66 2.09 0.71	37.13 2.31 1.84	32.15 2.13 2.79	35.62 2.46 2.79	34.15 2.46 3.27	35.30 2.52 3.52	32.50 2.34 2.79	32.91 2.35 2.69	31.89 2.16 2.59	34.17 2.21 2.07	49.98 2.99 0.00	41.39 2.47 0.00	27.12 1.56 0.00	32.19 1.75 0.00
INDIAN POINT_GT_2 23659	23.07 1.21 0.00	20.54 1.00 0.00	17.85 0.78 0.00	16.99 0.77 0.00	20.91 0.90 0.00	23.82 0.93 0.00	27.87 1.28 0.00	24.92 1.39 0.00	30.15 1.62 0.00	35.40 1.94 0.00	35.66 2.09 0.71	37.13 2.31 1.84	32.15 2.13 2.79	35.62 2.46 2.79	34.15 2.46 3.27	35.30 2.52 3.52	32.50 2.34 2.79	32.91 2.35 2.69	31.89 2.16 2.59	34.17 2.21 2.07	49.98 2.99 0.00	41.39 2.47 0.00	27.12 1.56 0.00	32.19 1.75 0.00
INDIAN POINT_GT_3 24019	23.07 1.21 0.00	20.54 1.00 0.00	17.85 0.78 0.00	16.99 0.77 0.00	20.91 0.90 0.00	23.82 0.93 0.00	27.87 1.28 0.00	24.92 1.39 0.00	30.15 1.62 0.00	35.40 1.94 0.00	35.66 2.09 0.00	37.13 2.31 0.71	32.15 2.13 1.84	35.62 2.46 2.79	34.15 2.46 3.27	35.30 2.52 3.52	32.50 2.34 2.79	32.91 2.35 2.69	31.89 2.16 2.59	34.17 2.21 2.07	49.98 2.99 0.00	41.39 2.47 0.00	27.12 1.56 0.00	32.19 1.75 0.00
INDIAN POINT___2 23530	23.04 1.18 0.00	20.51 0.98 0.00	17.83 0.76 0.00	16.97 0.75 0.00	20.88 0.87 0.00	23.79 0.90 0.00	27.83 1.25 0.00	24.88 1.35 0.00	30.11 1.57 0.00	35.34 1.88 0.00	35.60 2.03 0.71	37.06 2.25 1.83	32.09 2.06 2.78	35.57 2.39 2.78	34.10 2.39 3.25	35.24 2.45 3.50	32.46 2.28 2.78	32.87 2.29 2.68	31.85 2.12 2.58	34.12 2.16 2.06	49.93 2.94 0.00	41.32 2.40 0.00	27.09 1.52 0.00	32.15 1.71 0.00
INDIAN POINT___3 23531	23.05 1.19 0.00	20.52 0.98 0.00	17.84 0.77 0.00	16.97 0.76 0.00	20.90 0.88 0.00	23.80 0.91 0.00	27.84 1.26 0.00	24.88 1.36 0.00	30.11 1.57 0.00	35.34 1.88 0.00	35.62 2.04 0.71	37.07 2.26 1.84	32.10 2.07 2.79	35.57 2.40 2.79	34.10 2.40 3.27	35.24 2.46 3.52	32.45 2.29 2.79	32.85 2.29 2.69	31.83 2.11 2.59	34.11 2.16 2.07	49.92 2.93 0.00	41.32 2.40 0.00	27.09 1.53 0.00	32.14 1.71 0.00
INGHAM_C_115KV_TB7 356103	22.04 0.17 0.00	19.64 0.10 0.00	17.12 0.04 0.00	16.34 0.12 0.00	20.08 0.07 0.00	22.88 -0.01 0.00	26.62 0.03 0.00	23.68 0.16 0.00	28.78 0.24 0.00	33.87 0.41 0.00	33.98 0.41 0.00	34.96 0.68 1.24	29.29 0.66 3.22	31.85 0.80 4.90	30.27 1.05 5.74	30.90 0.78 6.18	28.67 0.61 4.90	29.20 0.68 4.73	28.30 0.53 4.55	31.00 0.61 3.63	47.66 0.67 0.00	39.41 0.49 0.00	25.82 0.26 0.00	30.66 0.22 0.00
IP CORINTH___1 23988	23.21 1.34 0.00	20.74 1.21 0.00	18.10 1.03 0.00	17.12 0.90 0.00	21.07 1.06 0.00	23.89 1.01 0.00	27.94 1.36 0.00	24.80 1.28 0.00	30.18 1.64 0.00	35.54 2.08 0.00	35.59 2.01 0.00	36.92 2.19 0.79	31.71 1.90 2.05	35.07 2.22 3.11	33.57 2.25 3.64	34.69 2.31 3.92	31.99 2.14 3.11	32.37 2.11 3.01	31.44 2.02 2.89	33.88 2.17 2.31	49.94 2.95 0.00	41.30 2.38 0.00	27.11 1.54 0.00	32.26 1.82 0.00
IP___TICONDEROGA 23804	23.99 2.13 0.00	21.52 1.98 0.00	18.66 1.59 0.00	17.69 1.47 0.00	21.83 1.82 0.00	24.69 1.80 0.00	29.08 2.49 0.00	25.89 2.36 0.00	31.74 3.21 0.00	37.64 4.18 0.00	37.13 3.55 0.00	38.53 3.80 0.79	32.91 3.10 2.04	36.54 3.70 3.11	35.12 3.80 3.64	36.40 4.02 3.92	33.39 3.54 3.11	33.67 3.41 3.00	32.70 3.26 2.89	35.25 3.53 2.30	51.78 4.79 0.00	42.76 3.84 0.00	28.00 2.44 0.00	33.50 3.06 0.00
ISLIP_RES_REC 323679	24.15 2.28 0.00	21.52 1.98 0.00	18.67 1.60 0.00	17.72 1.51 0.00	21.85 1.84 0.00	24.89 2.00 0.00	29.29 2.70 0.00	26.31 2.78 0.00	32.01 3.48 0.00	37.31 3.84 0.00	37.77 4.18 -0.01	38.98 4.17 0.71	34.61 3.95 1.19	37.34 4.19 2.80	35.70 4.01 3.28	37.05 4.28 3.53	34.27 4.11 2.80	34.30 3.75 2.70	33.15 3.43 2.60	35.48 3.53 2.08	51.79 4.80 0.00	43.29 4.37 0.00	28.59 3.03 0.00	33.91 3.48 0.00
JAMAICA___27_KV_LOAD 355505	23.29 1.43 0.00	20.69 1.16 0.00	18.03 0.95 0.00	17.17 0.95 0.00	21.10 1.09 0.00	24.03 1.14 0.00	28.19 1.60 0.00	25.23 1.70 0.00	30.48 1.95 0.00	35.79 2.33 0.00	35.97 2.39 0.00	37.48 2.67 0.71	32.52 2.51 1.84	36.00 2.84 2.80	34.51 2.83 3.28	35.68 2.91 3.53	32.83 2.67 2.80	33.27 2.72 2.70	32.21 2.50 2.60	34.52 2.57 2.08	50.46 3.47 0.00	41.93 3.01 0.00	27.46 1.90 0.00	32.55 2.11 0.00
JANIS___SOLAR 323808	22.70 0.83 0.00	20.29 0.75 0.00	17.73 0.65 0.00	16.89 0.67 0.00	20.90 0.89 0.00	23.90 1.01 0.00	27.91 1.32 0.00	24.82 1.29 0.00	30.15 1.62 0.00	35.42 1.96 0.00	35.71 2.13 0.00	37.03 2.31 0.81	31.70 1.93 2.09	34.89 2.12 3.18	33.08 1.83 3.71	34.20 1.90 4.00	31.37 1.58 3.17	31.92 1.73 3.06	31.18 1.82 2.95	33.59 1.93 2.35	49.49 2.50 0.00	41.05 2.14 0.00	26.96 1.39 0.00	31.97 1.53 0.00
JARVIS____ 23743	21.92 0.05 0.00	19.56 0.02 0.00	17.07 -0.01 0.00	16.24 0.03 0.00	20.05 0.04 0.00	22.88 -0.01 0.00	26.70 0.11 0.00	23.66 0.14 0.00	28.70 0.17 0.00	33.67 0.21 0.00	33.86 0.29 0.00	34.61 0.33 1.24	28.89 0.26 3.22	31.36 0.31 4.90	29.47 0.25 5.74	30.35 0.23 6.18	28.29 0.24 4.90	28.79 0.26 4.73	27.99 0.22 4.55	30.58 0.19 3.63	47.17 0.18 0.00	39.07 0.16 0.00	25.64 0.08 0.00	30.50 0.06 0.00
JENNISON___1 23625	22.86 1.00 0.00	20.44 0.91 0.00	17.83 0.75 0.00	16.99 0.77 0.00	21.02 1.01 0.00	24.01 1.13 0.00	28.06 1.47 0.00	24.98 1.45 0.00	30.40 1.87 0.00	35.66 2.21 0.00	35.91 2.34 0.00	37.21 2.53 0.84	31.88 2.19 2.17	35.13 2.48 3.30	33.30 2.20 3.86	34.44 2.30 4.15	31.69 2.03 3.29	32.17 2.10 3.18	31.33 2.07 3.06	33.72 2.14 2.44	49.80 2.81 0.00	41.29 2.38 0.00	27.11 1.54 0.00	32.16 1.72 0.00

JENNISON____2 23626	22.86 1.00 0.00	20.44 0.91 0.00	17.83 0.75 0.00	16.99 0.77 0.00	21.02 1.01 0.00	24.01 1.13 0.00	28.06 1.47 0.00	24.98 1.45 0.00	30.40 1.87 0.00	35.66 2.21 0.00	35.91 2.34 0.00	37.21 2.53 0.84	31.88 2.19 2.17	35.13 2.48 3.30	33.30 2.20 3.86	34.44 2.30 4.15	31.69 2.03 3.29	32.17 2.10 3.18	31.33 2.07 3.06	33.72 2.14 2.44	49.80 2.81 0.00	41.29 2.38 0.00	27.11 1.54 0.00	32.16 1.72 0.00
JERICHO_RISE_WT_PWR 323719	21.66 -0.20 0.00	19.49 -0.04 0.00	17.13 0.05 0.00	16.31 0.09 0.00	20.17 0.15 0.00	23.12 0.23 0.00	27.03 0.44 0.00	24.04 0.51 0.00	29.26 0.73 0.00	34.17 0.71 0.00	34.04 0.47 0.00	35.57 0.34 0.29	31.38 0.27 0.75	35.16 0.35 1.14	34.14 0.52 1.34	35.53 0.67 1.44	32.34 0.52 1.14	32.69 0.54 1.10	31.78 0.52 1.06	33.83 0.66 0.85	47.94 0.95 0.00	39.34 0.42 0.00	25.81 0.25 0.00	30.80 0.37 0.00
KATONAH__115KV_46KV_TB4 355592	23.22 1.36 0.00	20.68 1.14 0.00	17.98 0.91 0.00	17.10 0.88 0.00	21.05 1.04 0.00	23.97 1.09 0.00	28.07 1.48 0.00	25.09 1.56 0.00	30.38 1.85 0.00	35.69 2.22 0.00	35.96 2.39 0.00	37.42 2.61 0.71	32.42 2.41 1.85	35.91 2.77 2.81	34.42 2.76 3.29	35.58 2.82 3.54	32.76 2.61 2.81	33.16 2.62 2.72	32.13 2.42 2.61	34.42 2.48 2.08	50.35 3.36 0.00	41.68 2.76 0.00	27.33 1.76 0.00	32.41 1.98 0.00
KCE_NY_1 323755	23.16 1.30 0.00	20.70 1.16 0.00	18.06 0.99 0.00	17.12 0.91 0.00	21.12 1.11 0.00	23.99 1.10 0.00	28.04 1.45 0.00	24.89 1.36 0.00	30.19 1.66 0.00	35.51 2.05 0.00	35.66 2.09 0.00	37.02 2.29 0.79	31.82 2.01 2.04	35.18 2.33 3.11	33.61 2.29 3.64	34.72 2.34 3.91	32.02 2.16 3.10	32.39 2.13 3.00	31.49 2.06 2.89	33.93 2.21 2.30	49.99 3.00 0.00	41.29 2.37 0.00	27.09 1.52 0.00	32.20 1.76 0.00
KCE_NY_6_ESR 323823	21.93 0.07 0.00	19.88 0.34 0.00	17.40 0.32 0.00	16.43 0.21 0.00	20.55 0.54 0.00	23.37 0.48 0.00	27.19 0.60 0.00	23.84 0.31 0.00	28.98 0.44 0.00	34.03 0.58 0.00	33.99 0.42 0.00	34.65 0.19 1.06	28.75 -0.36 2.75	31.29 -0.49 4.18	28.96 -1.11 4.89	30.16 -0.88 5.26	28.11 -0.67 4.18	28.61 -0.62 4.03	27.81 -0.64 3.87	30.18 -0.77 3.07	45.73 -1.26 0.00	38.51 -0.41 0.00	25.74 0.17 0.00	30.75 0.32 0.00
KEDC_PORT_JEFF_GT2 24210	23.94 2.08 0.00	21.34 1.80 0.00	18.51 1.44 0.00	17.59 1.37 0.00	21.67 1.66 0.00	24.70 1.81 0.00	29.02 2.44 0.00	26.05 2.53 0.00	31.66 3.12 0.00	36.86 3.39 -0.01	37.30 3.71 -0.02	38.55 3.73 0.71	34.33 3.55 1.08	36.91 3.75 2.80	35.29 3.61 3.28	36.60 3.83 3.53	33.81 3.65 2.80	33.64 3.09 2.70	32.50 2.79 2.60	34.80 2.85 2.08	50.90 3.91 0.00	42.67 3.75 0.00	28.26 2.69 0.00	33.59 3.15 0.00
KEDC_PORT_JEFF_GT3 24211	23.94 2.08 0.00	21.34 1.80 0.00	18.51 1.44 0.00	17.59 1.37 0.00	21.67 1.66 0.00	24.70 1.81 0.00	29.02 2.44 0.00	26.05 2.53 0.00	31.66 3.12 0.00	36.86 3.39 -0.01	37.30 3.71 -0.02	38.55 3.73 0.71	34.33 3.55 1.08	36.91 3.75 2.80	35.29 3.61 3.28	36.60 3.83 3.53	33.81 3.65 2.80	33.64 3.09 2.70	32.50 2.79 2.60	34.80 2.85 2.08	50.90 3.91 0.00	42.67 3.75 0.00	28.26 2.69 0.00	33.59 3.15 0.00
KEDC_GLWD_GT4 24219	23.45 1.59 0.00	20.89 1.35 0.00	18.13 1.06 0.00	17.26 1.04 0.00	21.24 1.23 0.00	24.23 1.34 0.00	28.38 1.79 0.00	25.39 1.86 0.00	30.53 2.00 0.00	35.75 2.29 0.00	36.10 2.53 0.00	37.56 2.75 0.71	32.59 2.57 1.84	36.04 2.88 2.80	34.54 2.85 3.28	35.71 2.94 3.53	32.88 2.72 2.80	33.20 2.65 2.70	32.15 2.43 2.60	34.42 2.48 2.08	50.38 3.39 0.00	41.79 2.87 0.00	27.43 1.87 0.00	32.74 2.31 0.00
KEDC_GLWD_GT5 24220	23.45 1.59 0.00	20.89 1.35 0.00	18.13 1.06 0.00	17.26 1.04 0.00	21.24 1.23 0.00	24.23 1.34 0.00	28.38 1.79 0.00	25.39 1.86 0.00	30.53 2.00 0.00	35.75 2.29 0.00	36.10 2.53 0.00	37.56 2.75 0.71	32.59 2.57 1.84	36.04 2.88 2.80	34.54 2.85 3.28	35.71 2.94 3.53	32.88 2.72 2.80	33.20 2.65 2.70	32.15 2.43 2.60	34.42 2.48 2.08	50.38 3.39 0.00	41.79 2.87 0.00	27.43 1.87 0.00	32.74 2.31 0.00
KENSICO____ 23655	23.15 1.28 0.00	20.60 1.07 0.00	17.91 0.83 0.00	17.04 0.82 0.00	20.97 0.96 0.00	23.89 1.00 0.00	27.96 1.37 0.00	25.00 1.47 0.00	30.25 1.71 0.00	35.51 2.05 0.00	35.77 2.20 0.00	37.24 2.43 0.71	32.26 2.24 1.84	35.75 2.59 2.80	34.27 2.59 3.27	35.42 2.65 3.53	32.61 2.45 2.80	33.00 2.45 2.70	31.97 2.25 2.60	34.24 2.30 2.07	50.10 3.11 0.00	41.50 2.58 0.00	27.21 1.65 0.00	32.28 1.85 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.19 1.32 0.00	20.65 1.12 0.00	17.94 0.86 0.00	17.08 0.86 0.00	21.03 1.01 0.00	23.99 1.10 0.00	28.04 1.45 0.00	25.08 1.56 0.00	30.38 1.85 0.00	35.66 2.20 0.00	35.89 2.31 0.00	37.53 2.70 0.70	32.51 2.46 1.80	35.89 2.68 2.75	34.46 2.71 3.21	35.55 2.71 3.46	32.86 2.65 2.74	33.36 2.75 2.65	32.37 2.60 2.55	34.67 2.68 2.03	50.61 3.62 0.00	41.84 2.92 0.00	27.38 1.82 0.00	32.48 2.04 0.00
KIAC_JFK_GT1 23816	23.17 1.30 0.00	20.58 1.05 0.00	17.93 0.86 0.00	17.07 0.86 0.00	20.99 0.98 0.00	23.89 1.00 0.00	28.01 1.42 0.00	25.02 1.49 0.00	30.22 1.68 0.00	35.48 2.02 0.00	35.66 2.09 0.00	37.12 2.31 0.71	32.19 2.17 1.84	35.63 2.48 2.80	34.16 2.48 3.28	35.31 2.54 3.53	32.50 2.34 2.80	32.94 2.39 2.70	31.89 2.18 2.60	34.19 2.25 2.08	50.00 3.01 0.00	41.57 2.65 0.00	27.23 1.67 0.00	32.28 1.84 0.00
KIAC_JFK_GT2 23817	23.17 1.30 0.00	20.58 1.05 0.00	17.93 0.86 0.00	17.07 0.86 0.00	20.99 0.98 0.00	23.89 1.00 0.00	28.01 1.42 0.00	25.02 1.49 0.00	30.22 1.68 0.00	35.48 2.02 0.00	35.66 2.09 0.00	37.12 2.31 0.71	32.19 2.17 1.84	35.63 2.48 2.80	34.16 2.48 3.28	35.31 2.54 3.53	32.50 2.34 2.80	32.94 2.39 2.70	31.89 2.18 2.60	34.19 2.25 2.08	50.00 3.01 0.00	41.57 2.65 0.00	27.23 1.67 0.00	32.28 1.84 0.00
KIAC_JFK____ 323774	23.17 1.30 0.00	20.59 1.06 0.00	17.94 0.86 0.00	17.08 0.87 0.00	20.99 0.98 0.00	23.89 1.00 0.00	28.01 1.42 0.00	25.02 1.49 0.00	30.22 1.69 0.00	35.49 2.03 0.00	35.66 2.08 0.00	37.11 2.30 0.71	32.19 2.17 1.84	35.63 2.47 2.80	34.16 2.48 3.28	35.31 2.54 3.53	32.50 2.34 2.80	32.94 2.39 2.70	31.89 2.17 2.60	34.19 2.24 2.08	50.00 3.01 0.00	41.57 2.65 0.00	27.23 1.67 0.00	32.28 1.84 0.00
KINTIGH____ 23543	21.61 -0.25 0.00	19.58 0.05 0.00	17.15 0.08 0.00	16.22 0.00 0.00	20.22 0.21 0.00	23.00 0.11 0.00	26.72 0.14 0.00	23.38 -0.15 0.00	28.37 -0.17 0.00	33.34 -0.12 0.00	33.25 -0.33 0.00	33.82 -0.58 1.11	27.95 -1.02 2.89	30.35 -1.22 4.39	28.07 -1.76 5.14	29.13 -1.64 5.53	27.22 -1.35 4.39	27.75 -1.27 4.23	27.00 -1.24 4.07	29.37 -1.42 3.23	44.83 -2.16 0.00	37.70 -1.22 0.00	25.18 -0.38 0.00	30.12 -0.32 0.00

KNTFSRNC_46_KV_46KV_LOAD 80397	21.95 0.08 0.00	19.70 0.16 0.00	17.31 0.23 0.00	16.47 0.25 0.00	20.38 0.37 0.00	23.36 0.47 0.00	27.39 0.81 0.00	24.42 0.89 0.00	29.74 1.20 0.00	34.69 1.23 0.00	34.50 0.93 0.00	36.07 0.83 0.28	31.77 0.64 0.73	35.67 0.83 1.11	34.68 1.02 1.30	36.13 1.24 1.40	32.84 0.99 1.11	33.21 1.03 1.07	32.26 0.98 1.03	34.33 1.14 0.82	48.56 1.57 0.00	39.79 0.88 0.00	26.13 0.57 0.00	31.18 0.75 0.00
LACHUTE___HYDRO 323717	23.99 2.13 0.00	21.52 1.98 0.00	18.66 1.59 0.00	17.69 1.47 0.00	21.82 1.81 0.00	24.69 1.80 0.00	29.08 2.49 0.00	25.89 2.36 0.00	31.73 3.20 0.00	37.63 4.17 0.00	37.13 3.55 0.00	38.53 3.80 0.79	32.91 3.10 2.04	36.54 3.70 3.11	35.12 3.80 3.64	36.40 4.02 3.92	33.39 3.54 3.11	33.67 3.41 3.00	32.70 3.27 2.89	35.25 3.53 2.30	51.78 4.79 0.00	42.76 3.84 0.00	28.00 2.44 0.00	33.50 3.06 0.00
LAWRNCALV_115KV_TB1 80681	21.05 -0.82 0.00	18.85 -0.69 0.00	16.50 -0.58 0.00	15.66 -0.56 0.00	19.35 -0.66 0.00	22.25 -0.64 0.00	25.84 -0.75 0.00	22.89 -0.64 0.00	27.80 -0.73 0.00	32.56 -0.90 0.00	32.60 -0.98 0.00	34.03 -1.12 0.37	29.96 -0.94 0.96	33.41 -1.09 1.46	32.28 -0.97 1.70	33.50 -0.96 1.83	30.54 -0.96 1.46	30.89 -0.96 1.41	30.12 -0.84 1.35	32.16 -0.78 1.08	46.01 -0.98 0.00	37.90 -1.02 0.00	24.83 -0.73 0.00	29.56 -0.88 0.00
LEDERLE___ 23769	23.11 1.25 0.00	20.58 1.04 0.00	17.87 0.80 0.00	17.02 0.80 0.00	20.95 0.94 0.00	23.87 0.99 0.00	27.92 1.34 0.00	24.97 1.44 0.00	30.23 1.69 0.00	35.50 2.04 0.00	35.77 2.19 0.00	37.27 2.45 0.70	32.28 2.24 1.82	35.78 2.59 2.77	34.31 2.59 3.24	35.47 2.66 3.49	32.66 2.47 2.77	33.07 2.48 2.67	32.05 2.31 2.57	34.33 2.36 2.05	50.20 3.21 0.00	41.52 2.60 0.00	27.20 1.64 0.00	32.27 1.83 0.00
LIGHTHSE_115KV_TB6 355974	21.62 -0.24 0.00	19.30 -0.24 0.00	16.85 -0.22 0.00	16.02 -0.19 0.00	19.83 -0.18 0.00	22.66 -0.22 0.00	26.47 -0.12 0.00	23.45 -0.08 0.00	28.45 -0.08 0.00	33.41 -0.05 0.00	33.68 0.10 0.00	35.12 0.07 0.46	30.66 0.01 1.20	34.08 -0.05 1.83	32.59 -0.23 2.14	33.75 -0.25 2.30	30.92 -0.20 1.83	31.38 -0.11 1.77	30.58 -0.04 1.70	32.58 -0.08 1.36	46.82 -0.17 0.00	38.80 -0.12 0.00	25.42 -0.14 0.00	30.16 -0.28 0.00
LINDEN COGEN___ 23786	23.11 1.25 0.00	20.56 1.02 0.00	17.85 0.78 0.00	17.02 0.80 0.00	20.91 0.90 0.00	23.83 0.95 0.00	27.88 1.29 0.00	24.96 1.44 0.00	30.16 1.62 0.00	35.38 1.92 0.00	35.64 2.06 0.00	37.13 2.32 0.71	29.86 2.17 4.16	31.04 2.53 7.44	33.70 2.56 3.82	35.38 2.61 3.53	32.57 2.42 2.80	32.98 2.43 2.70	31.92 2.20 2.60	34.18 2.24 2.08	50.01 3.02 0.00	41.53 2.62 0.00	27.24 1.67 0.00	32.28 1.84 0.00
LINDHRST_69_KV_BK1 356055	23.95 2.08 0.00	21.30 1.77 0.00	18.49 1.41 0.00	17.57 1.35 0.00	21.64 1.63 0.00	24.72 1.83 0.00	28.98 2.40 0.00	26.00 2.48 0.00	31.54 3.00 0.00	36.74 3.28 0.00	37.13 3.55 0.00	38.49 3.68 0.71	33.54 3.46 1.78	36.86 3.72 2.80	35.21 3.53 3.28	36.49 3.72 3.53	33.66 3.50 2.80	33.86 3.31 2.70	32.73 3.01 2.60	35.02 3.07 2.08	51.27 4.28 0.00	42.79 3.87 0.00	28.20 2.63 0.00	33.47 3.03 0.00
LIPA_MISC_IPP 23656	24.03 2.17 0.00	21.38 1.85 0.00	18.58 1.51 0.00	17.63 1.42 0.00	21.73 1.72 0.00	24.76 1.87 0.00	29.12 2.53 0.00	26.15 2.62 0.00	31.77 3.23 0.00	37.02 3.56 -0.01	37.50 3.90 -0.02	38.73 3.92 0.71	34.47 3.71 1.09	37.04 3.89 2.80	35.37 3.69 3.28	36.79 4.02 3.53	34.01 3.86 2.80	34.07 3.52 2.70	32.93 3.22 2.60	35.26 3.32 2.08	51.51 4.52 0.00	43.04 4.13 0.00	28.43 2.87 0.00	33.75 3.32 0.00
LISF___SOLAR 323691	24.05 2.19 0.00	21.44 1.91 0.00	18.60 1.53 0.00	17.67 1.46 0.00	21.77 1.75 0.00	24.80 1.91 0.00	29.15 2.56 0.00	26.18 2.65 0.00	31.82 3.29 0.00	37.10 3.64 -0.01	37.55 3.96 -0.02	38.81 4.00 0.71	34.54 3.78 1.10	37.14 3.98 2.80	35.46 3.78 3.28	36.88 4.11 3.53	34.05 3.90 2.80	34.13 3.58 2.70	32.99 3.27 2.60	35.33 3.38 2.08	51.60 4.61 0.00	43.10 4.18 0.00	28.48 2.91 0.00	33.80 3.37 0.00
LITTLE FALLS___HYD 24013	22.04 0.17 0.00	19.64 0.10 0.00	17.12 0.04 0.00	16.34 0.12 0.00	20.08 0.07 0.00	22.88 -0.01 0.00	26.62 0.03 0.00	23.68 0.16 0.00	28.78 0.24 0.00	33.87 0.41 0.00	33.98 0.41 0.00	34.96 0.68 1.24	29.29 0.66 3.22	31.85 0.80 4.90	30.27 1.05 5.74	30.90 0.78 6.18	28.67 0.61 4.90	29.20 0.68 4.73	28.30 0.53 4.55	31.00 0.61 3.63	47.66 0.67 0.00	39.41 0.49 0.00	25.82 0.26 0.00	30.66 0.22 0.00
LITTLRIV_115KV_TB1 356100	21.25 -0.61 0.00	19.04 -0.50 0.00	16.66 -0.42 0.00	15.82 -0.40 0.00	19.54 -0.47 0.00	22.51 -0.38 0.00	26.11 -0.48 0.00	23.14 -0.39 0.00	28.13 -0.41 0.00	32.96 -0.51 0.00	32.98 -0.59 0.00	34.46 -0.68 0.38	30.35 -0.52 0.99	33.85 -0.60 1.50	32.69 -0.52 1.75	33.90 -0.51 1.89	30.86 -0.60 1.50	31.19 -0.62 1.45	30.42 -0.51 1.39	32.51 -0.40 1.11	46.55 -0.44 0.00	38.34 -0.58 0.00	25.10 -0.46 0.00	29.87 -0.57 0.00
LI_NEWBRDGE___DRP 323616	23.43 1.57 0.00	20.87 1.33 0.00	18.11 1.04 0.00	17.23 1.01 0.00	21.21 1.20 0.00	24.22 1.33 0.00	28.37 1.78 0.00	25.40 1.87 0.00	30.74 2.21 0.00	35.86 2.40 0.00	36.23 2.66 0.00	37.63 2.82 0.71	32.68 2.67 1.84	36.03 2.88 2.80	34.51 2.83 3.28	35.73 2.96 3.53	32.93 2.77 2.80	33.19 2.64 2.70	32.11 2.39 2.60	34.38 2.43 2.08	50.33 3.34 0.00	41.86 2.95 0.00	27.54 1.97 0.00	32.68 2.25 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.71 -0.16 0.00	19.71 0.17 0.00	17.26 0.18 0.00	16.32 0.10 0.00	20.38 0.37 0.00	23.18 0.29 0.00	26.87 0.28 0.00	23.45 -0.08 0.00	28.48 -0.06 0.00	33.47 0.01 0.00	33.29 -0.28 0.00	33.89 -0.55 1.09	27.99 -1.05 2.81	30.33 -1.35 4.28	27.96 -2.00 5.00	29.10 -1.81 5.39	27.19 -1.49 4.28	27.74 -1.39 4.13	27.00 -1.35 3.97	29.34 -1.54 3.14	44.69 -2.30 0.00	37.73 -1.19 0.00	25.30 -0.26 0.00	30.27 -0.17 0.00
LOCKPORT___CC1 323769	21.68 -0.18 0.00	19.66 0.12 0.00	17.23 0.15 0.00	16.27 0.06 0.00	20.34 0.33 0.00	23.15 0.26 0.00	26.85 0.26 0.00	23.44 -0.09 0.00	28.44 -0.09 0.00	33.42 -0.04 0.00	33.27 -0.31 0.00	33.86 -0.58 1.09	27.98 -1.07 2.81	30.32 -1.36 4.27	27.96 -2.00 5.00	29.11 -1.80 5.38	27.20 -1.49 4.27	27.73 -1.40 4.12	26.99 -1.37 3.96	29.33 -1.55 3.14	44.66 -2.34 0.00	37.71 -1.21 0.00	25.29 -0.28 0.00	30.26 -0.17 0.00
LOCKPORT___CC2 323770	21.68 -0.18 0.00	19.66 0.12 0.00	17.23 0.15 0.00	16.27 0.06 0.00	20.34 0.33 0.00	23.15 0.26 0.00	26.85 0.26 0.00	23.44 -0.09 0.00	28.44 -0.09 0.00	33.42 -0.04 0.00	33.27 -0.31 0.00	33.86 -0.58 1.09	27.98 -1.07 2.81	30.32 -1.36 4.27	27.96 -2.00 5.00	29.11 -1.80 5.38	27.20 -1.49 4.27	27.73 -1.40 4.12	26.99 -1.37 3.96	29.33 -1.55 3.14	44.66 -2.34 0.00	37.71 -1.21 0.00	25.29 -0.28 0.00	30.26 -0.17 0.00

LOCKPORT___CC3 323771	21.68 -0.18 0.00	19.66 0.12 0.00	17.23 0.15 0.00	16.27 0.06 0.00	20.34 0.33 0.00	23.15 0.26 0.00	26.85 0.26 0.00	23.44 -0.09 0.00	28.44 -0.09 0.00	33.42 -0.04 0.00	33.27 -0.31 0.00	33.86 -0.58 1.09	27.98 -1.07 2.81	30.32 -1.36 4.27	27.96 -2.00 5.00	29.11 -1.80 5.38	27.20 -1.49 4.27	27.73 -1.40 4.12	26.99 -1.37 3.96	29.33 -1.55 3.14	44.66 -2.34 0.00	37.71 -1.21 0.00	25.29 -0.28 0.00	30.26 -0.17 0.00
LONG_LAKE_PHOENIX 24014	21.64 -0.22 0.00	19.34 -0.20 0.00	16.89 -0.19 0.00	16.06 -0.15 0.00	19.85 -0.16 0.00	22.67 -0.22 0.00	26.39 -0.19 0.00	23.34 -0.18 0.00	28.30 -0.23 0.00	33.18 -0.28 0.00	33.34 -0.23 0.00	35.00 -0.25 0.27	30.85 -0.31 0.69	34.55 -0.35 1.06	33.23 -0.49 1.23	34.48 -0.48 1.33	31.49 -0.42 1.06	31.83 -0.41 1.02	30.95 -0.39 0.98	32.78 -0.45 0.79	46.21 -0.78 0.00	38.32 -0.60 0.00	25.20 -0.36 0.00	29.96 -0.48 0.00
LOVETT___3 23632	23.01 1.15 0.00	20.48 0.95 0.00	17.80 0.72 0.00	16.95 0.73 0.00	20.86 0.85 0.00	23.77 0.88 0.00	27.79 1.21 0.00	24.85 1.32 0.00	30.07 1.54 0.00	35.30 1.84 0.00	35.57 1.99 0.00	37.03 2.21 0.70	32.06 2.03 1.82	35.54 2.35 2.77	34.08 2.36 3.24	35.22 2.41 3.49	32.44 2.25 2.77	32.85 2.27 2.67	31.84 2.09 2.57	34.11 2.14 2.05	49.90 2.91 0.00	41.29 2.37 0.00	27.05 1.49 0.00	32.10 1.67 0.00
LOVETT___4 23642	23.01 1.15 0.00	20.48 0.95 0.00	17.80 0.72 0.00	16.95 0.73 0.00	20.86 0.85 0.00	23.77 0.88 0.00	27.79 1.21 0.00	24.85 1.32 0.00	30.07 1.54 0.00	35.30 1.84 0.00	35.57 1.99 0.00	37.03 2.21 0.70	32.06 2.03 1.82	35.54 2.35 2.77	34.08 2.36 3.24	35.22 2.41 3.49	32.44 2.25 2.77	32.85 2.27 2.67	31.84 2.09 2.57	34.11 2.14 2.05	49.90 2.91 0.00	41.29 2.37 0.00	27.05 1.49 0.00	32.10 1.67 0.00
LOVETT___5 23593	23.01 1.15 0.00	20.48 0.95 0.00	17.80 0.72 0.00	16.95 0.73 0.00	20.86 0.85 0.00	23.77 0.88 0.00	27.79 1.21 0.00	24.85 1.32 0.00	30.07 1.54 0.00	35.30 1.84 0.00	35.57 1.99 0.00	37.03 2.21 0.70	32.06 2.03 1.82	35.54 2.35 2.77	34.08 2.36 3.24	35.22 2.41 3.49	32.44 2.25 2.77	32.85 2.27 2.67	31.84 2.09 2.57	34.11 2.14 2.05	49.90 2.91 0.00	41.29 2.37 0.00	27.05 1.49 0.00	32.10 1.67 0.00
LOWER RAQUET___HYD 24057	20.91 -0.96 0.00	18.72 -0.82 0.00	16.39 -0.69 0.00	15.55 -0.66 0.00	19.21 -0.79 0.00	22.11 -0.78 0.00	25.69 -0.90 0.00	22.77 -0.76 0.00	27.67 -0.86 0.00	32.40 -1.06 0.00	32.44 -1.13 0.00	33.84 -1.29 0.39	29.76 -1.08 1.01	33.17 -1.25 1.54	32.03 -1.13 1.80	33.23 -1.13 1.94	30.31 -1.11 1.54	30.66 -1.11 1.49	29.91 -0.98 1.43	31.96 -0.92 1.14	45.80 -1.19 0.00	37.71 -1.21 0.00	24.69 -0.87 0.00	29.39 -1.05 0.00
LOWER___HUDSON 24059	22.83 0.96 0.00	20.40 0.87 0.00	17.84 0.77 0.00	16.94 0.72 0.00	20.86 0.85 0.00	23.67 0.79 0.00	27.57 0.99 0.00	24.41 0.89 0.00	29.65 1.12 0.00	34.89 1.43 0.00	35.05 1.47 0.00	36.41 1.67 0.78	31.31 1.48 2.02	34.62 1.73 3.07	33.07 1.70 3.59	34.00 1.57 3.87	31.32 1.43 3.07	31.70 1.41 2.96	30.80 1.33 2.85	33.23 1.48 2.27	49.00 2.01 0.00	40.47 1.55 0.00	26.55 0.98 0.00	31.57 1.14 0.00
LOWVILLE_115KV_TB2 356335	21.72 -0.14 0.00	19.32 -0.22 0.00	16.80 -0.27 0.00	16.04 -0.17 0.00	19.90 -0.11 0.00	22.90 0.01 0.00	26.82 0.24 0.00	23.84 0.31 0.00	28.96 0.42 0.00	33.94 0.48 0.00	34.20 0.62 0.00	35.44 0.73 0.81	30.43 0.67 2.10	33.45 0.69 3.20	31.74 0.52 3.74	32.76 0.49 4.03	30.13 0.37 3.20	30.69 0.52 3.08	29.99 0.64 2.97	32.35 0.70 2.37	47.91 0.92 0.00	39.50 0.59 0.00	25.75 0.19 0.00	30.42 -0.02 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.15 1.28 0.00	20.68 1.15 0.00	18.06 0.99 0.00	17.12 0.91 0.00	21.11 1.10 0.00	23.98 1.09 0.00	28.00 1.41 0.00	24.85 1.32 0.00	30.16 1.63 0.00	35.48 2.02 0.00	35.63 2.05 0.00	36.99 2.25 0.79	31.80 1.99 2.04	35.15 2.30 3.11	33.60 2.27 3.64	34.67 2.29 3.91	31.97 2.12 3.10	32.35 2.10 3.00	31.44 2.01 2.89	33.87 2.15 2.30	49.92 2.94 0.00	41.26 2.34 0.00	27.06 1.50 0.00	32.18 1.74 0.00
LUTHERNY_35_KV_BK2 355980	23.16 1.30 0.00	20.69 1.16 0.00	18.06 0.99 0.00	17.12 0.90 0.00	21.11 1.10 0.00	23.99 1.10 0.00	28.04 1.45 0.00	24.89 1.36 0.00	30.19 1.66 0.00	35.50 2.04 0.00	35.66 2.09 0.00	37.02 2.29 0.79	31.82 2.01 2.04	35.18 2.33 3.11	33.62 2.29 3.64	34.72 2.34 3.91	32.02 2.16 3.10	32.38 2.13 3.00	31.49 2.06 2.89	33.93 2.22 2.30	49.99 3.00 0.00	41.29 2.38 0.00	27.09 1.52 0.00	32.20 1.76 0.00
LWR___OSWEGATCHIE_HYD 23850	21.11 -0.75 0.00	18.83 -0.71 0.00	16.45 -0.62 0.00	15.64 -0.58 0.00	19.37 -0.64 0.00	22.27 -0.62 0.00	26.02 -0.57 0.00	23.09 -0.44 0.00	28.06 -0.48 0.00	32.87 -0.59 0.00	33.04 -0.54 0.00	34.34 -0.64 0.55	29.91 -0.54 1.41	33.15 -0.66 2.14	31.76 -0.69 2.51	32.89 -0.71 2.70	30.14 -0.68 2.14	30.61 -0.58 2.07	29.88 -0.45 1.99	32.03 -0.39 1.59	46.49 -0.50 0.00	38.29 -0.62 0.00	25.01 -0.56 0.00	29.65 -0.78 0.00
LYONS_FALL_HYD 23570	21.92 0.06 0.00	19.52 -0.02 0.00	16.99 -0.08 0.00	16.22 0.00 0.00	20.08 0.07 0.00	23.06 0.17 0.00	26.96 0.37 0.00	23.95 0.42 0.00	29.10 0.56 0.00	34.14 0.69 0.00	34.38 0.80 0.00	35.52 0.94 0.94	30.27 0.85 2.43	33.19 0.94 3.70	31.41 0.78 4.33	32.39 0.76 4.66	29.88 0.62 3.70	30.41 0.72 3.57	29.65 0.77 3.44	32.08 0.80 2.75	48.02 1.03 0.00	39.66 0.74 0.00	25.91 0.34 0.00	30.65 0.22 0.00
MADISON___COUNTY_LFGE 323628	22.28 0.42 0.00	19.90 0.36 0.00	17.35 0.27 0.00	16.53 0.32 0.00	20.43 0.42 0.00	23.39 0.50 0.00	27.27 0.68 0.00	24.21 0.68 0.00	29.45 0.91 0.00	34.58 1.12 0.00	34.76 1.18 0.00	35.90 1.38 1.00	30.48 1.21 2.59	33.42 1.40 3.94	31.61 1.26 4.61	32.58 1.24 4.96	30.11 1.09 3.94	30.58 1.12 3.80	29.72 1.06 3.66	32.16 1.06 2.92	48.33 1.34 0.00	40.00 1.08 0.00	26.22 0.66 0.00	31.09 0.65 0.00
MALONE___115KV_TB1 356076	21.65 -0.22 0.00	19.46 -0.07 0.00	17.07 -0.01 0.00	16.26 0.04 0.00	20.08 0.07 0.00	23.08 0.19 0.00	26.93 0.34 0.00	23.96 0.44 0.00	29.18 0.65 0.00	34.10 0.64 0.00	34.04 0.47 0.00	35.55 0.34 0.31	31.35 0.31 0.82	35.08 0.37 1.24	34.03 0.53 1.45	35.37 0.64 1.56	32.19 0.48 1.24	32.55 0.49 1.20	31.65 0.49 1.15	33.73 0.63 0.92	47.93 0.94 0.00	39.36 0.44 0.00	25.78 0.22 0.00	30.75 0.31 0.00
MAPLEWOD_115KV_TB3 80458	22.68 0.81 0.00	20.25 0.71 0.00	17.71 0.64 0.00	16.82 0.60 0.00	20.72 0.71 0.00	23.52 0.64 0.00	27.43 0.84 0.00	24.31 0.78 0.00	29.52 0.98 0.00	34.72 1.25 0.00	34.90 1.32 0.00	36.26 1.51 0.77	31.21 1.35 2.00	34.54 1.63 3.04	33.02 1.61 3.55	33.99 1.52 3.82	31.30 1.37 3.03	31.72 1.40 2.93	30.79 1.29 2.82	33.17 1.39 2.25	48.91 1.91 0.00	40.36 1.44 0.00	26.46 0.90 0.00	31.45 1.02 0.00

MAPLE RIDGE_WT_1 323574	21.54 -0.32 0.00	19.13 -0.40 0.00	16.63 -0.44 0.00	15.93 -0.28 0.00	19.67 -0.34 0.00	22.61 -0.27 0.00	26.58 0.00 0.00	23.57 0.05 0.00	28.55 0.02 0.00	33.46 0.00 0.00	33.78 0.20 0.00	34.54 0.27 1.25	28.82 0.22 3.25	31.26 0.25 4.94	29.35 0.18 5.78	30.21 0.14 6.23	28.12 0.11 4.94	28.63 0.15 4.77	27.89 0.16 4.59	30.49 0.13 3.66	47.08 0.08 0.00	38.99 0.07 0.00	25.50 -0.06 0.00	30.29 -0.15 0.00
MAPLE RIDGE_WT_2 323611	21.54 -0.32 0.00	19.13 -0.40 0.00	16.63 -0.44 0.00	15.93 -0.28 0.00	19.67 -0.34 0.00	22.61 -0.27 0.00	26.58 0.00 0.00	23.57 0.05 0.00	28.55 0.02 0.00	33.46 0.00 0.00	33.78 0.20 0.00	34.54 0.27 1.25	28.82 0.22 3.25	31.26 0.25 4.94	29.35 0.18 5.78	30.21 0.14 6.23	28.12 0.11 4.94	28.63 0.15 4.77	27.89 0.16 4.59	30.49 0.13 3.66	47.08 0.08 0.00	38.99 0.07 0.00	25.50 -0.06 0.00	30.29 -0.15 0.00
MARBLE RIVER_WT_PWR 323696	21.69 -0.17 0.00	19.52 -0.02 0.00	17.16 0.08 0.00	16.34 0.12 0.00	20.21 0.20 0.00	23.17 0.28 0.00	27.11 0.52 0.00	24.12 0.60 0.00	29.36 0.82 0.00	34.28 0.82 0.00	34.13 0.56 0.00	35.69 0.44 0.28	31.48 0.34 0.72	35.30 0.45 1.10	34.30 0.63 1.29	35.69 0.78 1.39	32.47 0.61 1.10	32.82 0.62 1.06	31.90 0.60 1.02	33.94 0.74 0.81	48.04 1.05 0.00	39.41 0.49 0.00	25.86 0.30 0.00	30.87 0.43 0.00
MARSHVLE_115KV_TB1 80742	23.40 1.54 0.00	20.89 1.36 0.00	18.28 1.20 0.00	17.36 1.14 0.00	21.42 1.41 0.00	24.58 1.70 0.00	28.87 2.29 0.00	25.60 2.08 0.00	31.01 2.48 0.00	36.22 2.76 0.00	36.34 2.76 0.00	37.39 2.67 0.81	32.07 2.31 2.10	35.19 2.42 3.19	33.55 2.32 3.73	34.92 2.63 4.02	32.20 2.43 3.19	32.73 2.55 3.08	31.86 2.51 2.96	34.16 2.50 2.36	50.51 3.52 0.00	42.00 3.08 0.00	27.54 1.98 0.00	32.76 2.32 0.00
MARSH_HILL_WT_PWR 323713	21.38 -0.48 0.00	19.20 -0.34 0.00	16.81 -0.26 0.00	15.86 -0.35 0.00	20.06 0.05 0.00	22.82 -0.07 0.00	26.68 0.10 0.00	23.63 0.10 0.00	28.80 0.27 0.00	33.99 0.53 0.00	34.15 0.57 0.00	34.96 0.39 0.95	29.43 0.03 2.45	32.29 0.07 3.73	30.28 -0.31 4.36	31.64 0.05 4.70	29.50 0.27 3.73	30.04 0.41 3.63	29.28 0.48 3.52	31.58 0.37 2.80	47.19 0.20 0.00	39.69 0.77 0.00	26.27 0.70 0.00	31.23 0.80 0.00
MCINTYRE_115KV_TB2 80467	21.57 -0.29 0.00	19.32 -0.22 0.00	16.91 -0.17 0.00	16.04 -0.18 0.00	19.82 -0.19 0.00	22.81 -0.08 0.00	26.47 -0.12 0.00	23.44 -0.09 0.00	28.50 -0.04 0.00	33.38 -0.08 0.00	33.41 -0.17 0.00	34.85 -0.31 0.36	30.71 -0.20 0.94	34.28 -0.24 1.43	33.12 -0.16 1.68	34.36 -0.12 1.81	31.31 -0.21 1.43	31.63 -0.24 1.39	30.85 -0.14 1.33	32.98 0.02 1.06	47.15 0.16 0.00	38.87 -0.05 0.00	25.46 -0.10 0.00	30.29 -0.14 0.00
MECO____69_KV_BK1 80468	23.95 2.09 0.00	21.43 1.89 0.00	18.64 1.56 0.00	17.83 1.61 0.00	21.93 1.92 0.00	25.32 2.43 0.00	29.48 2.89 0.00	25.99 2.46 0.00	31.25 2.72 0.00	36.77 3.31 0.00	36.85 3.28 0.00	37.36 2.64 0.80	32.76 2.99 2.08	35.55 2.77 3.17	35.22 3.97 3.71	36.17 3.87 3.99	32.67 2.88 3.17	33.42 3.23 3.06	32.60 3.22 2.94	34.98 3.31 2.35	51.57 4.58 0.00	42.70 3.78 0.00	27.96 2.40 0.00	33.37 2.94 0.00
MENANDS__115KV_TB5 355628	22.55 0.68 0.00	20.14 0.60 0.00	17.62 0.55 0.00	16.73 0.51 0.00	20.60 0.59 0.00	23.39 0.50 0.00	27.26 0.67 0.00	24.16 0.64 0.00	29.33 0.80 0.00	34.49 1.03 0.00	34.69 1.11 0.00	36.03 1.28 0.77	31.03 1.16 1.99	34.32 1.39 3.03	32.81 1.39 3.54	33.75 1.27 3.82	31.08 1.15 3.03	31.49 1.16 2.92	30.57 1.06 2.81	32.93 1.16 2.24	48.57 1.58 0.00	40.09 1.17 0.00	26.28 0.72 0.00	31.26 0.82 0.00
MG INDUSTRY___DRP 24185	22.62 0.76 0.00	20.22 0.68 0.00	17.68 0.60 0.00	16.79 0.57 0.00	20.70 0.69 0.00	23.52 0.63 0.00	27.40 0.81 0.00	24.27 0.75 0.00	29.47 0.93 0.00	34.60 1.14 0.00	34.77 1.19 0.00	36.07 1.31 0.75	31.11 1.21 1.95	34.41 1.43 2.97	32.91 1.42 3.48	33.91 1.36 3.74	31.20 1.21 2.97	31.63 1.24 2.87	30.75 1.19 2.76	33.09 1.27 2.20	48.71 1.71 0.00	40.25 1.33 0.00	26.40 0.83 0.00	31.38 0.94 0.00
MID___OSWEGATCHIE_HYD 23849	21.11 -0.75 0.00	18.83 -0.71 0.00	16.45 -0.62 0.00	15.64 -0.58 0.00	19.37 -0.64 0.00	22.27 -0.62 0.00	26.02 -0.57 0.00	23.09 -0.44 0.00	28.06 -0.48 0.00	32.87 -0.59 0.00	33.04 -0.54 0.00	34.34 -0.64 0.55	29.91 -0.54 1.41	33.15 -0.66 2.14	31.76 -0.69 2.51	32.89 -0.71 2.70	30.14 -0.68 2.14	30.61 -0.58 2.07	29.88 -0.45 1.99	32.03 -0.39 1.59	46.49 -0.50 0.00	38.29 -0.62 0.00	25.01 -0.56 0.00	29.65 -0.78 0.00
MID___RAQUETTE_HYD 23851	20.90 -0.96 0.00	18.72 -0.82 0.00	16.38 -0.69 0.00	15.55 -0.66 0.00	19.22 -0.79 0.00	22.11 -0.78 0.00	25.69 -0.90 0.00	22.77 -0.76 0.00	27.67 -0.86 0.00	32.40 -1.06 0.00	32.44 -1.13 0.00	33.84 -1.29 0.39	29.76 -1.09 1.01	33.17 -1.24 1.54	32.03 -1.13 1.80	33.23 -1.13 1.94	30.31 -1.11 1.54	30.66 -1.11 1.49	29.91 -0.98 1.43	31.95 -0.93 1.14	45.80 -1.19 0.00	37.71 -1.21 0.00	24.69 -0.87 0.00	29.39 -1.05 0.00
MILLIKEN___1 23584	22.37 0.51 0.00	19.96 0.42 0.00	17.41 0.34 0.00	16.59 0.38 0.00	20.56 0.54 0.00	23.47 0.58 0.00	27.37 0.78 0.00	24.25 0.73 0.00	29.45 0.91 0.00	34.53 1.07 0.00	34.76 1.18 0.00	36.08 1.31 0.75	30.98 1.07 1.95	34.18 1.19 2.97	32.47 0.98 3.47	33.57 1.01 3.74	30.90 0.90 2.96	31.36 0.97 2.86	30.53 0.97 2.75	32.78 0.97 2.21	48.08 1.09 0.00	39.87 0.95 0.00	26.24 0.68 0.00	31.16 0.73 0.00
MILLIKEN___2 23585	22.37 0.51 0.00	19.96 0.42 0.00	17.41 0.34 0.00	16.59 0.38 0.00	20.56 0.54 0.00	23.47 0.58 0.00	27.37 0.78 0.00	24.25 0.73 0.00	29.45 0.91 0.00	34.53 1.07 0.00	34.76 1.18 0.00	36.08 1.31 0.75	30.98 1.07 1.95	34.18 1.19 2.97	32.47 0.98 3.47	33.57 1.01 3.74	30.90 0.90 2.96	31.36 0.97 2.86	30.53 0.97 2.75	32.78 0.97 2.21	48.08 1.09 0.00	39.87 0.95 0.00	26.24 0.68 0.00	31.16 0.73 0.00
MILLIKEN___DIESEL 23629	22.37 0.51 0.00	19.96 0.42 0.00	17.41 0.34 0.00	16.59 0.38 0.00	20.56 0.54 0.00	23.47 0.58 0.00	27.37 0.78 0.00	24.25 0.73 0.00	29.45 0.91 0.00	34.53 1.07 0.00	34.76 1.18 0.00	36.08 1.31 0.75	30.98 1.07 1.95	34.18 1.19 2.97	32.47 0.98 3.47	33.57 1.01 3.74	30.90 0.90 2.96	31.36 0.97 2.86	30.53 0.97 2.75	32.78 0.97 2.21	48.08 1.09 0.00	39.87 0.95 0.00	26.24 0.68 0.00	31.16 0.73 0.00
MILLSEAT___LFGE 323607	22.15 0.29 0.00	20.03 0.49 0.00	17.54 0.47 0.00	16.58 0.36 0.00	20.69 0.68 0.00	23.60 0.71 0.00	27.42 0.84 0.00	24.02 0.49 0.00	29.19 0.66 0.00	34.30 0.84 0.00	34.16 0.58 0.00	34.84 0.41 1.09	28.84 -0.19 2.83	31.30 -0.35 4.30	28.91 -1.02 5.03	30.05 -0.82 5.42	28.05 -0.61 4.30	28.60 -0.50 4.15	27.83 -0.50 3.99	30.24 -0.62 3.16	45.93 -1.06 0.00	38.65 -0.26 0.00	25.84 0.27 0.00	30.83 0.39 0.00

MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.10 1.24 0.00	20.56 1.03 0.00	17.88 0.80 0.00	17.01 0.79 0.00	20.94 0.93 0.00	23.84 0.95 0.00	27.90 1.31 0.00	24.94 1.41 0.00	30.19 1.65 0.00	35.44 1.97 0.00	35.70 2.12 0.00	37.16 2.35 0.71	32.18 2.16 1.84	35.66 2.50 2.80	34.19 2.50 3.27	35.33 2.55 3.52	32.53 2.37 2.79	32.93 2.37 2.70	31.90 2.18 2.60	34.18 2.23 2.07	50.02 3.03 0.00	41.43 2.51 0.00	27.15 1.59 0.00	32.22 1.78 0.00
MILLWOOD_13_KV_LOAD 356217	23.16 1.30 0.00	20.62 1.08 0.00	17.92 0.85 0.00	17.05 0.84 0.00	20.99 0.98 0.00	23.91 1.02 0.00	27.98 1.40 0.00	25.02 1.49 0.00	30.28 1.75 0.00	35.55 2.09 0.00	35.82 2.25 0.00	37.30 2.48 0.71	32.30 2.28 1.84	35.80 2.64 2.80	34.32 2.63 3.27	35.47 2.70 3.52	32.66 2.50 2.79	33.06 2.51 2.70	32.03 2.31 2.60	34.31 2.36 2.07	50.19 3.20 0.00	41.55 2.63 0.00	27.24 1.67 0.00	32.31 1.88 0.00
MODEL_CITY_ENERGY 24167	21.47 -0.39 0.00	19.47 -0.07 0.00	17.06 -0.02 0.00	16.12 -0.10 0.00	20.15 0.13 0.00	22.94 0.05 0.00	26.55 -0.03 0.00	23.15 -0.38 0.00	28.09 -0.45 0.00	32.99 -0.46 0.00	32.83 -0.75 0.00	33.39 -1.05 1.08	27.59 -1.46 2.80	29.84 -1.84 4.27	27.48 -2.49 4.99	28.62 -2.30 5.37	26.77 -1.92 4.26	27.29 -1.85 4.12	26.56 -1.80 3.96	28.90 -1.99 3.13	44.06 -2.93 0.00	37.24 -1.68 0.00	25.00 -0.57 0.00	29.93 -0.51 0.00
MODERN_LFGE_ 323580	21.47 -0.39 0.00	19.47 -0.07 0.00	17.06 -0.02 0.00	16.12 -0.10 0.00	20.15 0.13 0.00	22.94 0.05 0.00	26.55 -0.03 0.00	23.15 -0.38 0.00	28.09 -0.45 0.00	32.99 -0.46 0.00	32.83 -0.75 0.00	33.39 -1.05 1.08	27.59 -1.46 2.80	29.84 -1.84 4.27	27.48 -2.49 4.99	28.62 -2.30 5.37	26.77 -1.92 4.26	27.29 -1.85 4.12	26.56 -1.80 3.96	28.90 -1.99 3.13	44.06 -2.93 0.00	37.24 -1.68 0.00	25.00 -0.57 0.00	29.93 -0.51 0.00
MOHAWK_PAPER___DRP 24187	22.68 0.81 0.00	20.25 0.71 0.00	17.71 0.64 0.00	16.82 0.60 0.00	20.72 0.71 0.00	23.52 0.64 0.00	27.43 0.84 0.00	24.31 0.78 0.00	29.52 0.98 0.00	34.72 1.25 0.00	34.90 1.32 0.00	36.26 1.51 0.77	31.21 1.35 2.00	34.54 1.63 3.04	33.02 1.61 3.55	33.99 1.52 3.82	31.30 1.37 3.03	31.72 1.40 2.93	30.79 1.29 2.82	33.17 1.39 2.25	48.91 1.91 0.00	40.36 1.44 0.00	26.46 0.90 0.00	31.45 1.02 0.00
MOHICAN__35_KV_115KV_LD 80490	23.31 1.44 0.00	20.84 1.30 0.00	18.18 1.10 0.00	17.21 0.99 0.00	21.19 1.18 0.00	24.02 1.13 0.00	28.11 1.52 0.00	24.95 1.42 0.00	30.37 1.84 0.00	35.79 2.33 0.00	35.80 2.23 0.00	37.16 2.42 0.79	31.90 2.09 2.04	35.28 2.44 3.11	33.79 2.46 3.64	34.91 2.53 3.92	32.17 2.32 3.11	32.54 2.28 3.00	31.62 2.19 2.89	34.08 2.36 2.30	50.20 3.21 0.00	41.52 2.60 0.00	27.23 1.67 0.00	32.42 1.98 0.00
MONGAUP___HYD 23641	22.94 1.07 0.00	20.42 0.88 0.00	17.76 0.68 0.00	16.90 0.68 0.00	20.79 0.78 0.00	23.74 0.85 0.00	27.69 1.10 0.00	24.69 1.16 0.00	29.78 1.25 0.00	34.79 1.33 0.00	34.81 1.23 0.00	36.33 1.50 0.69	31.45 1.38 1.79	34.82 1.59 2.72	33.30 1.52 3.18	34.40 1.53 3.43	31.62 1.38 2.72	32.20 1.57 2.63	31.32 1.53 2.53	33.56 1.56 2.02	49.13 2.14 0.00	40.76 1.84 0.00	26.84 1.27 0.00	32.02 1.59 0.00
MONTAUK___DIESEL 23721	25.18 3.32 0.00	22.37 2.83 0.00	19.46 2.39 0.00	18.40 2.19 0.00	22.73 2.72 0.00	25.85 2.96 0.00	30.54 3.95 0.00	27.48 3.96 0.00	33.53 4.99 0.00	39.33 5.87 -0.01	39.90 6.30 -0.02	41.13 6.32 0.71	36.56 5.80 1.10	39.39 6.24 2.80	37.60 5.91 3.28	39.14 6.37 3.53	36.30 6.15 2.80	36.31 5.76 2.70	35.14 5.43 2.60	37.66 5.71 2.08	54.73 7.73 0.00	45.66 6.74 0.00	30.15 4.58 0.00	35.68 5.25 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.21 0.34 0.00	19.99 0.46 0.00	17.12 0.05 0.00	16.38 0.16 0.00	20.55 0.54 0.00	23.39 0.50 0.00	27.51 0.92 0.00	24.13 0.61 0.00	29.43 0.89 0.00	34.73 1.27 0.00	34.85 1.28 0.00	35.62 1.15 1.05	29.71 0.57 2.72	32.62 0.80 4.13	30.19 0.06 4.84	31.45 0.36 5.21	29.21 0.39 4.13	29.67 0.39 3.98	28.78 0.28 3.82	31.19 0.20 3.03	46.98 -0.02 0.00	39.45 0.53 0.00	26.26 0.70 0.00	31.34 0.91 0.00
MORTIMER_115KV_TB3 55949	22.06 0.20 0.00	19.83 0.30 0.00	17.34 0.27 0.00	16.42 0.21 0.00	20.40 0.39 0.00	23.25 0.36 0.00	27.10 0.51 0.00	23.85 0.33 0.00	28.97 0.44 0.00	34.03 0.57 0.00	33.98 0.40 0.00	34.65 0.25 1.12	28.81 -0.15 2.90	31.31 -0.24 4.40	29.11 -0.69 5.15	30.19 -0.56 5.55	28.16 -0.39 4.40	28.74 -0.27 4.25	27.95 -0.28 4.09	30.42 -0.37 3.22	46.31 -0.68 0.00	38.71 -0.21 0.00	25.69 0.12 0.00	30.61 0.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.24 1.38 0.00	20.68 1.14 0.00	17.97 0.90 0.00	17.10 0.89 0.00	21.04 1.03 0.00	23.97 1.08 0.00	28.07 1.48 0.00	25.13 1.60 0.00	30.38 1.85 0.00	35.65 2.19 0.00	35.93 2.35 0.00	37.39 2.58 0.71	32.41 2.40 1.84	35.94 2.79 2.80	34.46 2.78 3.28	35.62 2.86 3.53	32.79 2.63 2.80	33.18 2.63 2.70	32.12 2.40 2.60	34.39 2.45 2.08	50.29 3.30 0.00	41.72 2.80 0.00	27.35 1.79 0.00	32.43 2.00 0.00
MUNSVILLE_WIND_PWR 323609	23.05 1.19 0.00	20.66 1.12 0.00	18.07 1.00 0.00	17.26 1.05 0.00	21.28 1.27 0.00	24.39 1.51 0.00	28.48 1.89 0.00	25.45 1.92 0.00	31.04 2.50 0.00	36.57 3.11 0.00	36.92 3.34 0.00	38.42 3.72 0.82	32.96 3.23 2.13	36.33 3.61 3.24	34.48 3.31 3.79	35.62 3.40 4.08	32.62 2.90 3.23	33.09 2.96 3.12	32.38 3.07 3.01	34.80 3.18 2.40	51.24 4.25 0.00	42.47 3.56 0.00	27.84 2.28 0.00	32.98 2.55 0.00
N SALMON___HYD 24042	21.65 -0.21 0.00	19.47 -0.07 0.00	17.07 -0.01 0.00	16.26 0.04 0.00	20.08 0.07 0.00	23.08 0.19 0.00	26.93 0.35 0.00	23.96 0.44 0.00	29.18 0.65 0.00	34.10 0.64 0.00	34.04 0.47 0.00	35.55 0.35 0.31	31.35 0.31 0.82	35.07 0.36 1.24	34.03 0.53 1.45	35.37 0.63 1.56	32.19 0.48 1.24	32.55 0.49 1.20	31.65 0.49 1.15	33.73 0.63 0.92	47.93 0.94 0.00	39.36 0.44 0.00	25.78 0.22 0.00	30.75 0.31 0.00
N.AKRON__115KV_KNAPP 355671	22.04 0.18 0.00	19.98 0.44 0.00	17.50 0.42 0.00	16.55 0.33 0.00	20.65 0.63 0.00	23.53 0.64 0.00	27.31 0.72 0.00	23.88 0.35 0.00	29.03 0.49 0.00	34.12 0.66 0.00	33.93 0.35 0.00	34.59 0.16 1.09	28.61 -0.42 2.82	31.02 -0.64 4.29	28.64 -1.30 5.02	29.78 -1.11 5.41	27.78 -0.89 4.29	28.35 -0.77 4.14	27.57 -0.76 3.98	29.97 -0.89 3.15	45.54 -1.45 0.00	38.39 -0.53 0.00	25.69 0.13 0.00	30.70 0.27 0.00
N.BELMOR_69_KV_BK1 55787	23.64 1.77 0.00	21.04 1.51 0.00	18.25 1.18 0.00	17.36 1.15 0.00	21.38 1.37 0.00	24.41 1.52 0.00	28.60 2.02 0.00	25.62 2.09 0.00	31.00 2.46 0.00	36.19 2.73 0.00	36.53 2.96 0.00	37.94 3.14 0.71	32.96 2.95 1.84	36.33 3.18 2.80	34.75 3.07 3.28	35.98 3.21 3.53	33.19 3.04 2.80	33.49 2.94 2.70	32.41 2.69 2.60	34.64 2.69 2.08	50.70 3.71 0.00	42.25 3.34 0.00	27.79 2.22 0.00	32.98 2.54 0.00

N.E_GEN_SANDY PD 24062	22.86 0.99 0.00	20.42 0.88 0.00	17.83 0.76 0.00	16.94 0.72 0.00	20.85 0.84 0.00	23.64 0.76 0.00	27.54 0.95 0.00	24.44 0.91 0.00	29.64 1.10 0.00	34.90 1.45 0.00	35.10 1.53 0.00	36.62 1.73 0.63	31.47 1.53 1.91	34.84 1.79 2.91	33.20 1.78 3.53	33.29 1.65 4.65	31.55 1.50 2.90	31.93 1.48 2.81	30.44 1.36 3.24	33.36 1.49 2.15	49.03 2.04 0.00	40.48 1.56 0.00	26.55 0.99 0.00	34.70 1.13 -3.13
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.05 1.18 0.00	20.52 0.98 0.00	17.82 0.75 0.00	16.97 0.75 0.00	20.89 0.88 0.00	23.80 0.92 0.00	27.84 1.26 0.00	24.89 1.36 0.00	30.13 1.60 0.00	35.37 1.91 0.00	35.64 2.07 0.00	37.13 2.31 0.70	32.15 2.11 1.82	35.63 2.45 2.77	34.17 2.45 3.24	35.32 2.52 3.49	32.54 2.35 2.77	32.95 2.37 2.67	31.93 2.19 2.57	34.21 2.24 2.05	50.02 3.03 0.00	41.39 2.47 0.00	27.12 1.55 0.00	32.17 1.73 0.00
N.QUEENS_27_KV_LOAD 356247	23.30 1.43 0.00	20.73 1.20 0.00	18.00 0.92 0.00	17.13 0.91 0.00	21.02 1.01 0.00	24.00 1.12 0.00	28.14 1.55 0.00	25.20 1.67 0.00	30.42 1.89 0.00	35.68 2.22 0.00	35.94 2.36 0.00	37.43 2.62 0.71	32.45 2.43 1.84	35.90 2.76 2.80	34.47 2.79 3.28	35.65 2.88 3.53	32.84 2.68 2.80	33.24 2.69 2.70	32.12 2.41 2.60	34.45 2.51 2.08	50.29 3.30 0.00	41.72 2.80 0.00	27.38 1.82 0.00	32.45 2.02 0.00
N.TROY____115KV_TB1 355778	22.83 0.96 0.00	20.40 0.86 0.00	17.84 0.76 0.00	16.94 0.72 0.00	20.86 0.85 0.00	23.67 0.79 0.00	27.57 0.99 0.00	24.41 0.89 0.00	29.65 1.11 0.00	34.89 1.43 0.00	35.05 1.47 0.00	36.41 1.67 0.78	31.31 1.48 2.02	34.62 1.74 3.07	33.07 1.70 3.59	34.00 1.57 3.87	31.32 1.43 3.07	31.70 1.41 2.96	30.80 1.33 2.85	33.23 1.48 2.27	49.00 2.01 0.00	40.47 1.55 0.00	26.55 0.99 0.00	31.57 1.14 0.00
NARROWS_GT1_1 24228	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT1_2 24229	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT1_3 24230	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT1_4 24231	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT1_5 24232	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT1_6 24233	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT1_7 24234	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT1_8 24235	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT2_1 24236	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT2_2 24237	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT2_3 24238	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00

NARROWS_GT2_4 24239	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT2_5 24240	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT2_6 24241	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT2_7 24242	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NARROWS_GT2_8 24243	23.38 1.51 0.00	20.80 1.26 0.00	18.06 0.99 0.00	17.19 0.98 0.00	21.13 1.12 0.00	24.10 1.21 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.98 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.90 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.91 2.76 2.80	33.32 2.77 2.70	32.26 2.54 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.92 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.96 1.09 0.00	20.51 0.97 0.00	17.95 0.88 0.00	17.03 0.82 0.00	21.02 1.01 0.00	23.87 0.98 0.00	27.86 1.27 0.00	24.70 1.17 0.00	30.07 1.54 0.00	35.27 1.81 0.00	35.43 1.85 0.00	36.60 1.83 0.75	31.57 1.65 1.93	35.04 2.03 2.94	33.55 2.03 3.44	34.54 1.95 3.70	31.74 1.72 2.94	32.30 1.88 2.84	31.51 1.92 2.73	33.92 2.08 2.18	49.84 2.85 0.00	41.12 2.20 0.00	26.93 1.36 0.00	31.97 1.53 0.00
NCHELSEA_115KV_TR2 355582	23.22 1.36 0.00	20.68 1.15 0.00	18.00 0.92 0.00	17.11 0.90 0.00	21.07 1.06 0.00	24.00 1.11 0.00	28.08 1.49 0.00	25.09 1.57 0.00	30.43 1.90 0.00	35.74 2.28 0.00	36.03 2.45 0.00	37.48 2.67 0.71	32.43 2.41 1.84	35.91 2.76 2.80	34.43 2.75 3.28	35.58 2.82 3.53	32.77 2.62 2.80	33.21 2.66 2.71	32.21 2.50 2.60	34.50 2.55 2.08	50.44 3.45 0.00	41.73 2.81 0.00	27.35 1.78 0.00	32.44 2.01 0.00
NEG CAPITAL___MECHNVIL 23645	23.12 1.26 0.00	20.66 1.12 0.00	18.04 0.96 0.00	17.11 0.89 0.00	21.09 1.08 0.00	23.96 1.07 0.00	27.96 1.37 0.00	24.81 1.28 0.00	30.13 1.60 0.00	35.45 1.99 0.00	35.61 2.04 0.00	37.00 2.27 0.79	31.82 2.00 2.04	35.19 2.33 3.10	33.62 2.29 3.62	34.68 2.28 3.90	31.97 2.11 3.09	32.37 2.10 2.99	31.45 2.01 2.88	33.89 2.17 2.29	49.93 2.94 0.00	41.23 2.31 0.00	27.04 1.47 0.00	32.13 1.70 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.71 -0.15 0.00	19.49 -0.05 0.00	17.02 -0.05 0.00	16.11 -0.11 0.00	20.00 -0.02 0.00	22.87 -0.02 0.00	26.64 0.06 0.00	23.57 0.04 0.00	28.60 0.06 0.00	33.56 0.10 0.00	33.48 -0.10 0.00	34.33 -0.22 0.97	28.89 -0.45 2.52	31.59 -0.53 3.83	29.57 -0.91 4.49	30.65 -0.82 4.83	28.48 -0.64 3.83	28.99 -0.56 3.70	28.21 -0.55 3.56	30.49 -0.69 2.83	45.83 -1.16 0.00	38.20 -0.72 0.00	25.29 -0.28 0.00	30.09 -0.35 0.00
NEG CENTRAL___DRP 24199	22.08 0.22 0.00	19.73 0.19 0.00	17.22 0.15 0.00	16.38 0.16 0.00	20.34 0.33 0.00	23.22 0.33 0.00	27.07 0.48 0.00	24.02 0.50 0.00	29.12 0.58 0.00	34.17 0.71 0.00	34.30 0.73 0.00	35.48 0.74 0.78	30.35 0.52 2.03	33.44 0.57 3.08	31.65 0.30 3.61	32.80 0.39 3.89	30.25 0.37 3.08	30.68 0.40 2.98	29.85 0.39 2.87	32.04 0.32 2.30	47.16 0.17 0.00	39.22 0.30 0.00	25.88 0.31 0.00	30.70 0.27 0.00
NEG CENTRAL___INDECK 23768	22.53 0.67 0.00	20.25 0.71 0.00	17.67 0.60 0.00	16.75 0.53 0.00	20.95 0.94 0.00	23.87 0.98 0.00	27.87 1.28 0.00	24.58 1.05 0.00	29.81 1.27 0.00	35.04 1.58 0.00	34.98 1.41 0.00	35.76 1.27 1.02	29.98 0.78 2.65	32.67 0.75 4.04	30.41 0.17 4.72	31.68 0.47 5.09	29.45 0.52 4.03	29.93 0.57 3.90	29.41 0.85 3.76	32.00 0.96 2.98	48.31 1.32 0.00	40.41 1.49 0.00	26.75 1.19 0.00	31.83 1.39 0.00
NEG CENTRAL___SENECA 23627	22.15 0.28 0.00	19.83 0.29 0.00	17.28 0.20 0.00	16.43 0.22 0.00	20.45 0.44 0.00	23.35 0.47 0.00	27.20 0.62 0.00	24.20 0.68 0.00	29.32 0.79 0.00	34.42 0.96 0.00	34.53 0.96 0.00	35.55 0.94 0.92	30.15 0.67 2.38	33.09 0.76 3.63	31.14 0.42 4.24	32.29 0.56 4.57	29.85 0.51 3.62	30.31 0.55 3.50	29.49 0.54 3.37	31.78 0.46 2.70	47.35 0.36 0.00	39.46 0.54 0.00	26.05 0.49 0.00	30.85 0.41 0.00
NEG CENTRAL___STATE_STREET 24147	22.38 0.52 0.00	19.88 0.34 0.00	17.39 0.32 0.00	16.52 0.30 0.00	20.52 0.51 0.00	23.37 0.48 0.00	27.37 0.79 0.00	24.16 0.63 0.00	29.31 0.77 0.00	34.39 0.93 0.00	34.62 1.05 0.00	35.91 1.05 0.66	30.97 0.82 1.71	34.24 0.89 2.60	32.60 0.69 3.04	33.83 0.81 3.28	31.22 0.86 2.60	31.64 0.90 2.51	30.76 0.86 2.42	32.89 0.82 1.95	47.72 0.73 0.00	39.57 0.65 0.00	26.12 0.56 0.00	31.07 0.63 0.00
NEG MILLWOOD___DRP 24198	23.29 1.43 0.00	20.74 1.20 0.00	18.03 0.96 0.00	17.15 0.93 0.00	21.12 1.10 0.00	24.05 1.16 0.00	28.15 1.56 0.00	25.17 1.65 0.00	30.51 1.98 0.00	35.84 2.38 0.00	36.12 2.55 0.00	37.59 2.79 0.71	32.55 2.54 1.85	36.06 2.92 2.81	34.54 2.87 3.29	35.69 2.94 3.54	32.89 2.74 2.81	33.32 2.77 2.71	32.30 2.60 2.61	34.60 2.66 2.08	50.59 3.60 0.00	41.87 2.95 0.00	27.43 1.87 0.00	32.54 2.10 0.00
NEG NORTH_FLCN_SEA 23793	21.97 0.10 0.00	19.72 0.18 0.00	17.33 0.25 0.00	16.50 0.28 0.00	20.41 0.40 0.00	23.39 0.50 0.00	27.44 0.85 0.00	24.45 0.92 0.00	29.78 1.24 0.00	34.73 1.27 0.00	34.52 0.94 0.00	36.08 0.84 0.28	31.79 0.66 0.73	35.69 0.84 1.10	34.70 1.03 1.29	36.15 1.25 1.39	32.86 1.01 1.10	33.22 1.03 1.07	32.26 0.97 1.03	34.33 1.13 0.82	48.55 1.56 0.00	39.80 0.88 0.00	26.14 0.58 0.00	31.20 0.77 0.00

NEG NORTH_KES_CHATEGAY 23792	21.73 -0.14 0.00	19.54 0.01 0.00	17.17 0.10 0.00	16.35 0.13 0.00	20.22 0.21 0.00	23.18 0.30 0.00	27.11 0.52 0.00	24.11 0.58 0.00	29.35 0.81 0.00	34.26 0.80 0.00	34.13 0.56 0.00	35.66 0.43 0.29	31.45 0.34 0.75	35.25 0.43 1.14	34.23 0.60 1.34	35.63 0.77 1.44	32.42 0.60 1.14	32.77 0.62 1.10	31.87 0.62 1.06	33.92 0.75 0.84	48.10 1.11 0.00	39.46 0.55 0.00	25.89 0.33 0.00	30.90 0.46 0.00
NEG NORTH___ALICE_FALLS 23915	21.95 0.08 0.00	19.70 0.16 0.00	17.31 0.23 0.00	16.47 0.25 0.00	20.38 0.37 0.00	23.36 0.47 0.00	27.39 0.81 0.00	24.42 0.89 0.00	29.74 1.20 0.00	34.69 1.23 0.00	34.50 0.93 0.00	36.07 0.83 0.28	31.77 0.64 0.73	35.67 0.83 1.11	34.68 1.02 1.30	36.13 1.24 1.40	32.84 0.99 1.11	33.21 1.03 1.07	32.26 0.98 1.03	34.33 1.14 0.82	48.56 1.57 0.00	39.79 0.88 0.00	26.13 0.57 0.00	31.18 0.75 0.00
NEG NORTH___LWR_SARANAC 23913	21.95 0.08 0.00	19.70 0.16 0.00	17.31 0.23 0.00	16.47 0.25 0.00	20.38 0.37 0.00	23.36 0.47 0.00	27.39 0.81 0.00	24.42 0.89 0.00	29.74 1.20 0.00	34.69 1.23 0.00	34.50 0.93 0.00	36.07 0.83 0.28	31.77 0.64 0.73	35.67 0.83 1.11	34.68 1.02 1.30	36.13 1.24 1.40	32.84 0.99 1.11	33.21 1.03 1.07	32.26 0.98 1.03	34.33 1.14 0.82	48.56 1.57 0.00	39.79 0.88 0.00	26.13 0.57 0.00	31.18 0.75 0.00
NEG NORTH___PLATTSBURG 23628	21.95 0.08 0.00	19.71 0.17 0.00	17.31 0.23 0.00	16.48 0.26 0.00	20.38 0.37 0.00	23.36 0.47 0.00	27.39 0.81 0.00	24.41 0.89 0.00	29.73 1.20 0.00	34.69 1.23 0.00	34.50 0.92 0.00	36.07 0.82 0.28	31.77 0.64 0.73	35.67 0.83 1.11	34.68 1.02 1.30	36.14 1.24 1.40	32.84 0.99 1.11	33.21 1.03 1.07	32.26 0.97 1.03	34.33 1.14 0.82	48.56 1.57 0.00	39.79 0.88 0.00	26.13 0.57 0.00	31.18 0.75 0.00
NEG WEST_LEA_LOCKPORT 23791	21.68 -0.18 0.00	19.69 0.15 0.00	17.24 0.17 0.00	16.30 0.09 0.00	20.36 0.35 0.00	23.15 0.26 0.00	26.85 0.27 0.00	23.44 -0.09 0.00	28.45 -0.08 0.00	33.44 -0.02 0.00	33.27 -0.31 0.00	33.87 -0.57 1.09	27.97 -1.08 2.81	30.30 -1.38 4.27	27.95 -2.01 5.00	29.10 -1.82 5.38	27.19 -1.50 4.27	27.74 -1.39 4.12	26.98 -1.37 3.96	29.33 -1.55 3.14	44.66 -2.33 0.00	37.71 -1.21 0.00	25.28 -0.28 0.00	30.26 -0.17 0.00
NEG WEST___LANCASTR 23811	22.00 0.14 0.00	19.92 0.39 0.00	17.42 0.35 0.00	16.48 0.27 0.00	20.59 0.57 0.00	23.40 0.51 0.00	27.23 0.65 0.00	23.92 0.40 0.00	29.09 0.56 0.00	34.17 0.71 0.00	34.13 0.55 0.00	34.73 0.25 1.05	28.79 -0.36 2.71	31.38 -0.46 4.12	29.09 -1.05 4.82	30.28 -0.83 5.19	28.19 -0.65 4.12	28.69 -0.59 3.97	27.86 -0.64 3.81	30.28 -0.71 3.02	45.89 -1.10 0.00	38.59 -0.33 0.00	25.73 0.16 0.00	30.74 0.31 0.00
NEG_PENN_ALLEGHNY 23528	22.25 0.39 0.00	19.87 0.34 0.00	17.33 0.25 0.00	16.49 0.27 0.00	20.45 0.44 0.00	23.31 0.42 0.00	27.21 0.63 0.00	24.15 0.63 0.00	29.32 0.78 0.00	34.35 0.90 0.00	34.55 0.98 0.00	35.60 0.92 0.84	30.37 0.69 2.17	33.44 0.79 3.31	31.64 0.54 3.87	32.78 0.64 4.16	30.25 0.60 3.30	30.70 0.63 3.19	29.83 0.58 3.07	32.14 0.57 2.45	47.52 0.52 0.00	39.50 0.59 0.00	26.00 0.44 0.00	30.93 0.50 0.00
NEG___GEN_MONROE 24207	22.26 0.39 0.00	20.03 0.49 0.00	17.58 0.51 0.00	16.63 0.41 0.00	20.62 0.61 0.00	23.47 0.58 0.00	27.37 0.78 0.00	24.06 0.53 0.00	29.22 0.68 0.00	34.28 0.82 0.00	34.23 0.65 0.00	34.95 0.55 1.12	29.03 0.07 2.89	31.56 0.01 4.40	29.32 -0.50 5.15	30.41 -0.34 5.54	28.39 -0.17 4.40	28.94 -0.07 4.25	28.17 -0.06 4.08	30.67 -0.13 3.22	46.64 -0.35 0.00	39.04 0.12 0.00	25.93 0.36 0.00	30.83 0.39 0.00
NEPA___ENERGY 23901	22.16 0.30 0.00	19.92 0.38 0.00	17.33 0.25 0.00	16.47 0.26 0.00	20.61 0.60 0.00	23.41 0.52 0.00	27.37 0.78 0.00	24.09 0.56 0.00	29.31 0.77 0.00	34.38 0.92 0.00	34.45 0.87 0.00	35.02 0.54 1.04	29.17 0.01 2.70	31.89 0.05 4.11	29.61 -0.54 4.81	30.87 -0.25 5.18	28.71 -0.14 4.10	29.18 -0.12 3.96	28.32 -0.19 3.81	30.76 -0.24 3.02	46.29 -0.70 0.00	38.85 -0.07 0.00	25.83 0.26 0.00	30.86 0.42 0.00
NEVERSINK___HYD 23608	23.00 1.14 0.00	20.48 0.94 0.00	17.79 0.72 0.00	16.94 0.72 0.00	20.85 0.84 0.00	23.80 0.91 0.00	27.80 1.22 0.00	24.85 1.33 0.00	30.11 1.58 0.00	35.35 1.89 0.00	35.58 2.01 0.00	37.27 2.44 0.69	32.32 2.24 1.78	35.68 2.43 2.70	34.17 2.37 3.16	35.29 2.40 3.40	32.65 2.39 2.70	33.17 2.52 2.61	32.19 2.39 2.51	34.47 2.46 2.00	50.20 3.21 0.00	41.49 2.57 0.00	27.18 1.62 0.00	32.27 1.84 0.00
NEWKRMKL_115KV_TB1 55635	22.44 0.57 0.00	20.03 0.50 0.00	17.52 0.44 0.00	16.64 0.42 0.00	20.49 0.48 0.00	23.28 0.39 0.00	27.14 0.55 0.00	24.07 0.54 0.00	29.22 0.68 0.00	34.35 0.89 0.00	34.55 0.97 0.00	35.90 1.14 0.77	30.92 1.06 1.99	34.20 1.27 3.02	32.71 1.29 3.54	33.67 1.18 3.81	31.00 1.07 3.02	31.41 1.07 2.92	30.49 0.98 2.81	32.83 1.05 2.24	48.40 1.41 0.00	39.97 1.05 0.00	26.19 0.63 0.00	31.13 0.70 0.00
NEWTON___FALLS_HYD 23847	21.11 -0.75 0.00	18.83 -0.71 0.00	16.45 -0.62 0.00	15.64 -0.58 0.00	19.37 -0.64 0.00	22.27 -0.62 0.00	26.02 -0.57 0.00	23.09 -0.44 0.00	28.06 -0.48 0.00	32.87 -0.59 0.00	33.04 -0.54 0.00	34.34 -0.64 0.55	29.91 -0.54 1.41	33.15 -0.66 2.14	31.76 -0.69 2.51	32.89 -0.71 2.70	30.14 -0.68 2.14	30.61 -0.58 2.07	29.88 -0.45 1.99	32.03 -0.39 1.59	46.49 -0.50 0.00	38.29 -0.62 0.00	25.01 -0.56 0.00	29.65 -0.78 0.00
NGRID_A1_DSASP 323792	21.29 -0.57 0.00	19.46 -0.08 0.00	17.09 0.02 0.00	16.11 -0.10 0.00	20.14 0.12 0.00	22.90 0.02 0.00	26.57 -0.02 0.00	23.05 -0.47 0.00	27.78 -0.76 0.00	32.62 -0.84 0.00	32.46 -1.12 0.00	32.97 -1.47 1.08	27.20 -1.85 2.81	29.44 -2.24 4.27	27.12 -2.85 5.00	28.21 -2.71 5.38	26.44 -2.25 4.27	26.94 -2.20 4.12	26.23 -2.13 3.96	28.50 -2.38 3.14	43.52 -3.47 0.00	36.80 -2.12 0.00	24.82 -0.74 0.00	29.78 -0.65 0.00
NGRID_A2_DSASP 323793	21.29 -0.57 0.00	19.46 -0.08 0.00	17.09 0.02 0.00	16.11 -0.10 0.00	20.14 0.12 0.00	22.90 0.02 0.00	26.57 -0.02 0.00	23.05 -0.47 0.00	27.78 -0.76 0.00	32.62 -0.84 0.00	32.46 -1.12 0.00	32.97 -1.47 1.08	27.20 -1.85 2.81	29.44 -2.24 4.27	27.12 -2.85 5.00	28.21 -2.71 5.38	26.44 -2.25 4.27	26.94 -2.20 4.12	26.23 -2.13 3.96	28.50 -2.38 3.14	43.52 -3.47 0.00	36.80 -2.12 0.00	24.82 -0.74 0.00	29.78 -0.65 0.00
NGRID_A4_DSASP 323807	21.29 -0.57 0.00	19.48 -0.06 0.00	17.11 0.03 0.00	16.14 -0.07 0.00	20.15 0.14 0.00	22.91 0.02 0.00	26.58 -0.01 0.00	23.05 -0.47 0.00	27.79 -0.75 0.00	32.64 -0.82 0.00	32.46 -1.12 0.00	32.99 -1.45 1.08	27.19 -1.86 2.81	29.43 -2.25 4.27	27.12 -2.85 4.99	28.20 -2.71 5.38	26.42 -2.27 4.27	26.95 -2.19 4.12	26.23 -2.13 3.96	28.51 -2.38 3.14	43.52 -3.47 0.00	36.80 -2.12 0.00	24.82 -0.75 0.00	29.78 -0.66 0.00































WEST CANADA___HYD 24049	21.92 0.05 0.00	19.56 0.02 0.00	17.07 -0.01 0.00	16.24 0.03 0.00	20.05 0.04 0.00	22.88 -0.01 0.00	26.70 0.11 0.00	23.66 0.14 0.00	28.70 0.17 0.00	33.67 0.21 0.00	33.86 0.29 0.00	34.61 0.33 1.24	28.89 0.26 3.22	31.36 0.31 4.90	29.47 0.25 5.74	30.35 0.23 6.18	28.29 0.24 4.90	28.79 0.26 4.73	27.99 0.22 4.55	30.58 0.19 3.63	47.17 0.18 0.00	39.07 0.16 0.00	25.64 0.08 0.00	30.50 0.06 0.00
WESTERN_NY_WIND 24143	22.36 0.50 0.00	20.19 0.66 0.00	17.68 0.61 0.00	16.72 0.50 0.00	20.85 0.84 0.00	23.80 0.91 0.00	27.68 1.09 0.00	24.28 0.75 0.00	29.53 0.99 0.00	34.69 1.23 0.00	34.56 0.98 0.00	35.28 0.86 1.09	29.25 0.23 2.84	31.76 0.12 4.32	29.36 -0.55 5.05	30.51 -0.35 5.43	28.45 -0.20 4.31	29.01 -0.08 4.16	28.21 -0.10 4.00	30.66 -0.19 3.16	46.52 -0.47 0.00	39.08 0.16 0.00	26.08 0.52 0.00	31.10 0.66 0.00
WESTOVER___LESR 323668	22.24 0.38 0.00	19.87 0.33 0.00	17.32 0.24 0.00	16.49 0.27 0.00	20.44 0.44 0.00	23.29 0.41 0.00	27.19 0.61 0.00	24.12 0.60 0.00	29.30 0.76 0.00	34.33 0.87 0.00	34.49 0.92 0.00	35.57 0.89 0.84	30.33 0.65 2.18	33.39 0.75 3.31	31.59 0.51 3.88	32.74 0.62 4.18	30.21 0.57 3.31	30.66 0.60 3.20	29.77 0.53 3.08	32.08 0.52 2.45	47.46 0.47 0.00	39.47 0.55 0.00	25.98 0.42 0.00	30.92 0.49 0.00
WETHRSFD_WT_PWR 323626	21.56 -0.30 0.00	19.46 -0.07 0.00	17.07 0.00 0.00	16.13 -0.09 0.00	20.32 0.31 0.00	23.02 0.13 0.00	26.83 0.24 0.00	23.64 0.11 0.00	28.67 0.14 0.00	33.67 0.21 0.00	33.74 0.17 0.00	34.49 -0.01 1.02	28.79 -0.42 2.64	31.45 -0.49 4.01	29.28 -0.98 4.70	30.51 -0.73 5.06	28.44 -0.51 4.01	28.92 -0.46 3.87	28.12 -0.46 3.73	30.49 -0.57 2.96	45.99 -1.00 0.00	38.64 -0.28 0.00	25.73 0.16 0.00	30.71 0.27 0.00
WHAVSTOR_138KV_BK127 55557	23.00 1.14 0.00	20.48 0.94 0.00	17.80 0.72 0.00	16.94 0.73 0.00	20.85 0.84 0.00	23.77 0.88 0.00	27.79 1.20 0.00	24.85 1.32 0.00	30.07 1.53 0.00	35.30 1.84 0.00	35.56 1.99 0.00	37.03 2.21 0.70	32.06 2.03 1.82	35.54 2.35 2.77	34.08 2.36 3.24	35.22 2.41 3.49	32.44 2.25 2.77	32.85 2.27 2.67	31.84 2.09 2.57	34.11 2.14 2.05	49.90 2.91 0.00	41.28 2.36 0.00	27.05 1.49 0.00	32.10 1.67 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.00 1.14 0.00	20.48 0.94 0.00	17.80 0.72 0.00	16.94 0.73 0.00	20.85 0.84 0.00	23.77 0.88 0.00	27.79 1.20 0.00	24.85 1.32 0.00	30.07 1.53 0.00	35.30 1.84 0.00	35.56 1.99 0.00	37.03 2.21 0.70	32.06 2.03 1.82	35.54 2.35 2.77	34.08 2.36 3.24	35.22 2.41 3.49	32.44 2.25 2.77	32.85 2.27 2.67	31.84 2.09 2.57	34.11 2.14 2.05	49.90 2.91 0.00	41.28 2.36 0.00	27.05 1.49 0.00	32.10 1.67 0.00
WHITEHAL_115KV_TB1 80871	23.73 1.87 0.00	21.28 1.74 0.00	18.48 1.41 0.00	17.48 1.26 0.00	21.55 1.54 0.00	24.32 1.43 0.00	28.70 2.11 0.00	25.53 2.00 0.00	31.24 2.70 0.00	36.95 3.49 0.00	36.53 2.95 0.00	37.77 3.03 0.79	32.22 2.41 2.04	35.77 2.92 3.11	34.34 3.02 3.64	35.66 3.28 3.92	32.81 2.97 3.11	33.06 2.81 3.00	32.11 2.68 2.89	34.63 2.91 2.30	50.87 3.88 0.00	42.08 3.16 0.00	27.58 2.02 0.00	33.03 2.59 0.00
WHITEPLN_13_KV_LOAD 356215	23.27 1.41 0.00	20.74 1.20 0.00	18.00 0.92 0.00	17.15 0.94 0.00	21.10 1.09 0.00	24.08 1.19 0.00	28.12 1.54 0.00	25.16 1.63 0.00	30.46 1.93 0.00	35.78 2.31 0.00	36.03 2.45 0.00	37.68 2.87 0.71	32.69 2.67 1.84	36.23 3.08 2.80	34.75 3.06 3.27	35.86 3.09 3.53	32.87 2.71 2.80	33.26 2.71 2.70	32.21 2.49 2.60	34.49 2.54 2.07	50.44 3.45 0.00	41.78 2.86 0.00	27.38 1.82 0.00	32.48 2.04 0.00
WM_FLOYD_69_KV_BK2 356380	24.10 2.24 0.00	21.44 1.91 0.00	18.63 1.56 0.00	17.68 1.47 0.00	21.79 1.78 0.00	24.84 1.95 0.00	29.20 2.61 0.00	26.24 2.71 0.00	31.88 3.34 0.00	37.16 3.69 -0.01	37.64 4.04 -0.02	38.90 4.09 0.71	34.62 3.88 1.11	37.24 4.09 2.80	35.57 3.89 3.28	36.97 4.20 3.53	34.15 4.00 2.80	34.21 3.66 2.70	33.07 3.35 2.60	35.41 3.47 2.08	51.72 4.73 0.00	43.20 4.28 0.00	28.54 2.97 0.00	33.87 3.44 0.00
WOODARD__115KV_TB2 355635	21.73 -0.13 0.00	19.43 -0.11 0.00	16.96 -0.12 0.00	16.14 -0.08 0.00	19.94 -0.07 0.00	22.77 -0.11 0.00	26.51 -0.07 0.00	23.46 -0.07 0.00	28.45 -0.08 0.00	33.35 -0.11 0.00	33.51 -0.06 0.00	34.68 -0.06 0.78	29.71 -0.13 2.02	32.73 -0.15 3.07	31.07 -0.30 3.59	32.15 -0.28 3.87	29.65 -0.24 3.07	30.08 -0.21 2.96	29.24 -0.22 2.85	31.42 -0.31 2.28	46.39 -0.60 0.00	38.47 -0.44 0.00	25.31 -0.26 0.00	30.10 -0.34 0.00
YORK___WARBASSE 23770	23.38 1.51 0.00	20.79 1.26 0.00	18.06 0.99 0.00	17.19 0.97 0.00	21.13 1.12 0.00	24.10 1.22 0.00	28.23 1.64 0.00	25.27 1.75 0.00	30.51 1.97 0.00	35.76 2.30 0.00	35.99 2.42 0.00	37.51 2.70 0.71	32.52 2.51 1.84	36.05 2.89 2.80	34.61 2.93 3.28	35.75 2.98 3.53	32.92 2.76 2.80	33.32 2.77 2.70	32.25 2.53 2.60	34.59 2.65 2.08	50.56 3.56 0.00	41.93 3.01 0.00	27.51 1.95 0.00	32.56 2.13 0.00