

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/11/2023

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	19.87	19.23	15.72	15.51	15.10	16.01	18.47	20.33	22.49	22.36	24.84	33.10	31.00	31.89	30.67	31.69	33.65	35.19	44.77	34.40	40.81	36.92	32.74	30.47
24138	1.33	1.21	1.00	0.97	0.96	1.01	1.13	1.31	1.41	1.59	1.94	1.95	2.54	2.63	2.67	2.62	2.66	2.73	3.43	2.54	2.70	2.52	2.31	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	-9.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.96	19.32	15.79	15.58	15.17	16.07	18.54	20.39	22.56	22.41	24.87	33.13	31.01	31.95	30.73	31.78	33.74	35.29	44.92	34.53	40.97	37.05	32.86	30.56
24260	1.42	1.30	1.07	1.04	1.03	1.08	1.20	1.37	1.48	1.64	1.97	1.98	2.55	2.69	2.75	2.72	2.75	2.83	3.59	2.67	2.85	2.65	2.42	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	19.96	19.32	15.79	15.58	15.17	16.07	18.54	20.39	22.56	22.41	24.87	33.13	31.01	31.95	30.73	31.78	33.74	35.29	44.92	34.53	40.97	37.05	32.86	30.56
24261	1.42	1.30	1.07	1.04	1.03	1.08	1.20	1.37	1.48	1.64	1.97	1.98	2.55	2.69	2.75	2.72	2.75	2.83	3.59	2.67	2.85	2.65	2.42	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	-9.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	19.53	18.93	15.52	15.30	14.89	15.77	18.25	19.98	21.95	21.63	23.22	24.77	29.80	30.70	29.63	30.84	33.00	34.78	44.74	34.16	40.77	36.83	32.41	30.03
24011	0.99	0.91	0.79	0.77	0.75	0.78	0.92	0.96	0.87	0.85	1.01	0.90	1.34	1.44	1.64	1.77	2.00	2.32	3.40	2.30	2.65	2.44	1.98	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	19.68	19.05	15.61	15.39	14.96	15.84	18.36	20.09	22.07	21.74	23.33	24.87	29.99	30.88	29.85	31.10	33.30	35.15	45.27	34.42	41.04	37.17	32.68	30.30
23798	1.14	1.03	0.89	0.85	0.83	0.84	1.02	1.07	0.99	0.97	1.12	1.01	1.52	1.62	1.86	2.03	2.31	2.69	3.94	2.56	2.92	2.78	2.25	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-2.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	19.53	18.93	15.52	15.30	14.89	15.77	18.25	19.98	21.95	21.63	23.22	24.77	29.80	30.70	29.63	30.84	33.00	34.78	44.74	34.16	40.77	36.83	32.41	30.03
24028	0.99	0.91	0.79	0.77	0.75	0.78	0.92	0.96	0.87	0.85	1.01	0.90	1.34	1.44	1.64	1.77	2.00	2.32	3.40	2.30	2.65	2.44	1.98	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	19.33	18.90	15.58	15.40	15.00	15.85	18.15	19.83	21.79	21.42	23.03	24.85	29.30	30.06	28.88	29.87	31.91	33.54	43.17	33.15	39.91	36.02	31.87	29.58
23527	0.79	0.88	0.86	0.86	0.86	0.85	0.81	0.81	0.71	0.65	0.79	0.68	0.83	0.80	0.89	0.80	0.92	1.08	1.84	1.29	1.79	1.63	1.44	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	-2.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	18.77	18.28	15.00	14.81	14.42	15.28	17.59	19.25	21.22	20.89	22.42	24.08	28.64	29.45	28.31	29.36	31.30	32.86	42.11	32.37	38.73	34.91	30.87	28.72
24190	0.23	0.25	0.28	0.28	0.28	0.29	0.25	0.23	0.14	0.11	0.20	0.14	0.18	0.19	0.32	0.29	0.31	0.40	0.77	0.52	0.62	0.51	0.44	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	18.56	18.08	14.75	14.54	14.14	14.98	17.36	19.03	21.06	20.63	21.84	21.58	28.19	28.91	27.66	28.72	30.62	31.95	40.62	31.32	37.64	34.08	30.18	28.24
355683	0.02	0.06	0.02	0.00	0.00	-0.02	0.02	0.02	-0.02	-0.14	-0.18	-0.22	-0.27	-0.35	-0.33	-0.34	-0.37	-0.51	-0.71	-0.54	-0.48	-0.31	-0.25	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	18.77	18.28	15.00	14.81	14.42	15.28	17.59	19.25	21.22	20.89	22.42	24.08	28.64	29.45	28.31	29.36	31.30	32.86	42.11	32.37	38.73	34.91	30.87	28.72
23571	0.23	0.25	0.28	0.28	0.28	0.29	0.25	0.23	0.14	0.11	0.20	0.14	0.18	0.19	0.32	0.29	0.31	0.40	0.77	0.52	0.62	0.51	0.44	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	18.77	18.28	15.00	14.81	14.42	15.28	17.59	19.25	21.22	20.89	22.42	24.08	28.64	29.45	28.31	29.36	31.30	32.86	42.11	32.37	38.73	34.91	30.87	28.72
23572	0.23	0.25	0.28	0.28	0.28	0.29	0.25	0.23	0.14	0.11	0.20	0.14	0.18	0.19	0.32	0.29	0.31	0.40	0.77	0.52	0.62	0.51	0.44	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	18.77	18.28	15.00	14.81	14.42	15.28	17.59	19.25	21.22	20.89	22.42	24.08	28.64	29.45	28.31	29.36	31.30	32.86	42.11	32.37	38.73	34.91	30.87	28.72
23573	0.23	0.25	0.28	0.28	0.28	0.29	0.25	0.23	0.14	0.11	0.20	0.14	0.18	0.19	0.32	0.29	0.31	0.40	0.77	0.52	0.62	0.51	0.44	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-2.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	18.77 0.23 0.00	18.28 0.25 0.00	15.00 0.28 0.00	14.81 0.28 0.00	14.42 0.28 0.00	15.28 0.29 0.00	17.59 0.25 0.00	19.25 0.23 0.00	21.22 0.14 0.00	20.89 0.11 0.00	22.42 0.20 -0.20	24.08 0.14 -2.14	28.64 0.18 0.00	29.45 0.19 0.00	28.31 0.32 0.00	29.36 0.29 0.00	31.30 0.31 0.00	32.86 0.40 0.00	42.11 0.77 0.00	32.37 0.52 0.00	38.73 0.62 0.00	34.91 0.51 0.00	30.87 0.44 0.00	28.72 0.28 0.00
ALBANY___LFGE 323615	18.97 0.43 0.00	18.46 0.44 0.00	15.15 0.42 0.00	14.96 0.42 0.00	14.56 0.43 0.00	15.43 0.44 0.00	17.77 0.43 0.00	19.45 0.43 0.00	21.45 0.37 0.00	21.13 0.36 0.00	22.69 0.47 -0.20	24.36 0.43 -2.13	29.04 0.57 0.00	29.86 0.61 0.00	28.71 0.72 0.00	29.77 0.71 0.00	31.76 0.77 0.00	33.34 0.88 0.00	42.71 1.38 0.00	32.83 0.97 0.00	39.25 1.14 0.00	35.37 0.97 0.00	31.27 0.83 0.00	29.06 0.64 0.00
ALCOA_PA_115KV_PL-6C 55860	18.72 0.18 0.00	18.24 0.21 0.00	14.87 0.15 0.00	14.67 0.13 0.00	14.26 0.12 0.00	15.11 0.12 0.00	17.53 0.19 0.00	19.21 0.19 0.00	21.17 0.09 0.00	20.72 -0.06 0.00	21.95 -0.07 0.00	21.68 -0.12 0.00	28.30 -0.16 0.00	29.02 -0.24 0.00	27.75 -0.24 0.00	28.79 -0.28 0.00	30.69 -0.31 0.00	32.03 -0.43 0.00	40.72 -0.61 0.00	31.41 -0.45 0.00	37.76 -0.36 0.00	34.18 -0.21 0.00	30.26 -0.17 0.00	28.30 -0.13 0.00
ALCOA_RYNLDS___DRP 24188	18.72 0.18 0.00	18.24 0.21 0.00	14.87 0.15 0.00	14.67 0.13 0.00	14.26 0.12 0.00	15.11 0.12 0.00	17.53 0.19 0.00	19.21 0.19 0.00	21.17 0.09 0.00	20.72 -0.06 0.00	21.95 -0.07 0.00	21.68 -0.12 0.00	28.30 -0.16 0.00	29.02 -0.24 0.00	27.75 -0.24 0.00	28.79 -0.28 0.00	30.69 -0.31 0.00	32.03 -0.43 0.00	40.72 -0.61 0.00	31.41 -0.45 0.00	37.76 -0.36 0.00	34.18 -0.21 0.00	30.26 -0.17 0.00	28.30 -0.13 0.00
ALCOA___DSASP 323711	18.72 0.18 0.00	18.24 0.21 0.00	14.87 0.15 0.00	14.67 0.13 0.00	14.26 0.12 0.00	15.11 0.12 0.00	17.53 0.19 0.00	19.21 0.19 0.00	21.17 0.09 0.00	20.72 -0.06 0.00	21.95 -0.07 0.00	21.68 -0.12 0.00	28.30 -0.17 0.00	29.01 -0.24 0.00	27.75 -0.24 0.00	28.79 -0.28 0.00	30.69 -0.31 0.00	32.03 -0.43 0.00	40.72 -0.61 0.00	31.41 -0.45 0.00	37.76 -0.36 0.00	34.18 -0.21 0.00	30.26 -0.17 0.00	28.30 -0.13 0.00
ALLEGHENY___COGEN 23514	19.21 0.67 0.00	18.63 0.60 0.00	15.04 0.31 0.00	14.86 0.33 0.00	14.40 0.27 0.00	15.33 0.34 0.00	17.91 0.57 0.00	19.64 0.62 0.00	21.82 0.74 0.00	21.53 0.75 0.00	22.61 0.59 0.00	22.49 0.69 0.00	29.23 0.77 0.00	29.75 0.49 0.00	27.62 -0.37 0.00	28.84 -0.23 0.00	30.97 -0.03 0.00	32.35 -0.11 0.00	41.02 -0.31 0.00	32.36 0.50 0.00	39.02 0.90 0.00	36.09 1.69 0.00	32.54 2.11 0.00	30.47 2.04 0.00
ALTAMONT_115KV_TB 2 55880	19.03 0.49 0.00	18.51 0.49 0.00	15.18 0.45 0.00	14.98 0.45 0.00	14.59 0.45 0.00	15.45 0.46 0.00	17.80 0.47 0.00	19.50 0.48 0.00	21.51 0.43 0.00	21.20 0.42 0.00	22.74 0.53 -0.20	24.36 0.47 -2.08	29.09 0.63 0.00	29.91 0.66 0.00	28.72 0.73 0.00	29.79 0.72 0.00	31.74 0.75 0.00	33.31 0.85 0.00	42.63 1.30 0.00	32.81 0.96 0.00	39.22 1.11 0.00	35.38 0.98 0.00	31.29 0.86 0.00	29.13 0.70 0.00
ALTONA_WT_PWR 323606	19.32 0.78 0.00	18.78 0.75 0.00	15.31 0.59 0.00	15.04 0.51 0.00	14.61 0.48 0.00	15.31 0.31 0.00	17.72 0.38 0.00	19.41 0.39 0.00	21.48 0.40 0.00	21.21 0.44 0.00	22.55 0.53 0.00	22.20 0.40 0.00	28.76 0.30 0.00	29.50 0.24 0.00	28.10 0.11 0.00	29.20 0.13 0.00	30.98 -0.01 0.00	32.31 -0.15 0.00	40.71 -0.63 0.00	31.01 -0.85 0.00	37.70 -0.42 0.00	35.19 0.80 0.00	31.49 1.06 0.00	29.38 0.95 0.00
AMERICAN_REF_FUEL 24010	18.13 -0.41 0.00	17.63 -0.39 0.00	14.14 -0.59 0.00	14.01 -0.53 0.00	13.52 -0.62 0.00	14.31 -0.68 0.00	16.74 -0.59 0.00	18.42 -0.60 0.00	20.96 -0.12 0.00	20.55 -0.22 0.00	21.36 -0.66 0.00	21.30 -0.50 0.00	27.91 -0.55 0.00	28.83 -0.43 0.00	26.64 -1.35 0.00	27.59 -1.48 0.00	29.61 -1.38 0.00	30.85 -1.62 0.00	38.96 -2.37 0.00	29.94 -1.92 0.00	35.98 -2.13 0.00	32.84 -1.56 0.00	29.95 -0.48 0.00	28.20 -0.23 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.84 0.30 0.00	18.19 0.17 0.00	14.60 -0.12 0.00	14.51 -0.02 0.00	14.05 -0.09 0.00	14.72 -0.27 0.00	17.23 -0.10 0.00	19.20 0.18 0.00	21.95 0.87 0.00	21.66 0.89 0.00	22.63 0.61 0.00	22.47 0.67 0.00	29.37 0.91 0.00	30.30 1.04 0.00	27.95 -0.04 0.00	29.21 0.14 0.00	31.38 0.38 0.00	32.71 0.25 0.00	41.32 -0.01 0.00	31.90 0.05 0.00	38.10 -0.02 0.00	34.86 0.46 0.00	31.43 1.00 0.00	29.02 0.59 0.00
ARTHUR_KILL_GT_1 23520	19.85 1.31 0.00	19.21 1.19 0.00	15.70 0.97 0.00	15.48 0.95 0.00	15.06 0.92 0.00	15.95 0.95 0.00	18.38 1.04 0.00	20.19 1.18 0.00	22.32 1.24 0.00	22.16 1.39 0.00	24.60 1.70 -0.88	32.87 1.73 -9.35	34.87 2.24 -4.17	50.40 2.38 -18.76	35.21 2.47 -4.75	34.36 2.44 -2.85	35.63 2.47 -2.16	35.01 2.53 -0.01	47.19 3.17 -2.69	35.63 2.38 -1.39	43.11 2.39 -2.60	36.66 2.26 -0.01	34.34 2.06 -1.86	30.24 1.81 0.00
ARTHUR_KILL_2 23512	19.79 1.25 0.00	19.15 1.13 0.00	15.65 0.93 0.00	15.44 0.90 0.00	15.02 0.88 0.00	15.90 0.91 0.00	18.33 0.99 0.00	20.14 1.12 0.00	22.24 1.16 0.00	22.09 1.32 0.00	24.52 1.62 -0.88	32.79 1.64 -9.35	34.75 2.12 -4.17	50.27 2.25 -18.76	35.08 2.34 -4.75	34.22 2.30 -2.85	35.47 2.32 -2.16	34.84 2.37 -0.01	46.98 2.95 -2.69	35.47 2.22 -1.39	42.93 2.21 -2.60	36.50 2.10 -0.01	34.22 1.93 -1.86	30.12 1.69 0.00
ARTHUR_KILL_3 23513	19.71 1.17 0.00	19.09 1.07 0.00	15.61 0.89 0.00	15.41 0.87 0.00	15.01 0.87 0.00	15.91 0.91 0.00	18.32 0.98 0.00	20.12 1.10 0.00	22.23 1.15 0.00	22.08 1.31 0.00	24.53 1.63 -0.88	28.60 1.64 -5.17	33.71 2.10 -3.15	41.70 2.24 -10.20	33.92 2.34 -3.59	33.50 2.28 -2.15	34.75 2.26 -1.50	34.77 2.31 0.00	44.26 2.93 0.00	34.03 2.17 0.00	40.31 2.19 0.00	36.47 2.07 0.00	34.22 1.94 -1.85	30.13 1.70 0.00
ARTHUR_KILL_COGEN 323718	19.85 1.31 0.00	19.21 1.19 0.00	15.70 0.97 0.00	15.48 0.95 0.00	15.06 0.92 0.00	15.95 0.95 0.00	18.38 1.04 0.00	20.19 1.18 0.00	22.32 1.24 0.00	22.16 1.39 0.00	24.60 1.70 -0.88	32.87 1.73 -9.35	34.87 2.24 -4.17	50.40 2.38 -18.76	35.21 2.47 -4.75	34.36 2.44 -2.85	35.63 2.47 -2.16	35.01 2.53 -0.01	47.19 3.17 -2.69	35.63 2.38 -1.39	43.11 2.39 -2.60	36.66 2.26 -0.01	34.34 2.06 -1.86	30.24 1.81 0.00
ASHOKAN____ 23654	19.16 0.62 0.00	18.59 0.57 0.00	15.24 0.52 0.00	15.03 0.50 0.00	14.64 0.51 0.00	15.58 0.59 0.00	18.04 0.70 0.00	19.78 0.76 0.00	21.78 0.70 0.00	21.37 0.60 0.00	22.74 0.72 0.00	22.53 0.73 0.00	29.41 0.95 0.00	30.38 1.12 0.00	29.20 1.21 0.00	30.23 1.17 0.00	32.30 1.31 0.00	34.01 1.55 0.00	43.68 2.35 0.00	33.63 1.77 0.00	40.14 2.02 0.00	36.11 1.71 0.00	31.81 1.38 0.00	29.49 1.05 0.00

ASTORIA_EAST_ENERGY_CC1 323581	19.84 1.30 0.00	19.20 1.17 0.00	15.69 0.97 0.00	15.49 0.96 0.00	15.09 0.95 0.00	15.98 0.99 0.00	18.42 1.09 0.00	20.25 1.23 0.00	22.37 1.29 0.00	22.21 1.44 0.00	24.63 1.73 -0.88	32.88 1.73 -9.35	30.68 2.22 0.00	31.58 2.31 0.00	30.43 2.44 0.00	31.41 2.35 0.00	33.35 2.37 0.01	34.87 2.41 0.00	44.42 3.09 0.01	34.13 2.27 0.00	40.50 2.39 0.01	36.62 2.22 0.00	32.52 2.09 0.00	30.32 1.89 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.84 1.30 0.00	19.20 1.17 0.00	15.69 0.97 0.00	15.49 0.96 0.00	15.09 0.95 0.00	15.98 0.99 0.00	18.42 1.09 0.00	20.25 1.23 0.00	22.37 1.29 0.00	22.21 1.44 0.00	24.63 1.73 -0.88	32.88 1.73 -9.35	30.68 2.22 0.00	31.58 2.31 0.00	30.43 2.44 0.00	31.41 2.35 0.00	33.35 2.37 0.01	34.87 2.41 0.00	44.42 3.09 0.01	34.13 2.27 0.00	40.50 2.39 0.01	36.62 2.22 0.00	32.52 2.09 0.00	30.32 1.89 0.00
ASTORIA_GT2_1 24094	19.85 1.31 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.96 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.25 1.23 0.00	22.38 1.30 0.00	22.22 1.45 0.00	24.64 1.74 -0.88	32.89 1.75 -9.35	30.70 2.24 0.00	31.62 2.35 0.00	30.45 2.46 0.00	31.43 2.37 0.00	33.36 2.38 0.01	34.89 2.43 0.00	44.44 3.11 0.01	34.15 2.30 0.00	40.53 2.42 0.01	36.63 2.24 0.00	32.54 2.11 0.00	30.33 1.90 0.00
ASTORIA_GT2_2 24095	19.85 1.31 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.96 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.25 1.23 0.00	22.38 1.30 0.00	22.22 1.45 0.00	24.64 1.74 -0.88	32.89 1.75 -9.35	30.70 2.24 0.00	31.62 2.35 0.00	30.45 2.46 0.00	31.43 2.37 0.00	33.36 2.38 0.01	34.89 2.43 0.00	44.44 3.11 0.01	34.15 2.30 0.00	40.53 2.42 0.01	36.63 2.24 0.00	32.54 2.11 0.00	30.33 1.90 0.00
ASTORIA_GT2_3 24096	19.85 1.31 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.96 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.25 1.23 0.00	22.38 1.30 0.00	22.22 1.45 0.00	24.64 1.74 -0.88	32.89 1.75 -9.35	30.70 2.24 0.00	31.62 2.35 0.00	30.45 2.46 0.00	31.43 2.37 0.00	33.36 2.38 0.01	34.89 2.43 0.00	44.44 3.11 0.01	34.15 2.30 0.00	40.53 2.42 0.01	36.63 2.24 0.00	32.54 2.11 0.00	30.33 1.90 0.00
ASTORIA_GT2_4 24097	19.85 1.31 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.96 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.25 1.23 0.00	22.38 1.30 0.00	22.22 1.45 0.00	24.64 1.74 -0.88	32.89 1.75 -9.35	30.70 2.24 0.00	31.62 2.35 0.00	30.45 2.46 0.00	31.43 2.37 0.00	33.36 2.38 0.01	34.89 2.43 0.00	44.44 3.11 0.01	34.15 2.30 0.00	40.53 2.42 0.01	36.63 2.24 0.00	32.54 2.11 0.00	30.33 1.90 0.00
ASTORIA_GT3_1 24098	19.85 1.31 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.96 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.25 1.23 0.00	22.38 1.30 0.00	22.22 1.45 0.00	24.64 1.74 -0.88	32.89 1.75 -9.35	30.70 2.24 0.00	31.62 2.35 0.00	30.45 2.46 0.00	31.43 2.37 0.00	33.36 2.38 0.01	34.89 2.43 0.00	44.44 3.11 0.01	34.15 2.30 0.00	40.53 2.42 0.01	36.63 2.24 0.00	32.54 2.11 0.00	30.33 1.90 0.00
ASTORIA_GT3_2 24099	19.85 1.31 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.96 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.25 1.23 0.00	22.38 1.30 0.00	22.22 1.45 0.00	24.64 1.74 -0.88	32.89 1.75 -9.35	30.70 2.24 0.00	31.62 2.35 0.00	30.45 2.46 0.00	31.43 2.37 0.00	33.36 2.38 0.01	34.89 2.43 0.00	44.44 3.11 0.01	34.15 2.30 0.00	40.53 2.42 0.01	36.63 2.24 0.00	32.54 2.11 0.00	30.33 1.90 0.00
ASTORIA_GT3_3 24100	19.85 1.31 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.96 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.25 1.23 0.00	22.38 1.30 0.00	22.22 1.45 0.00	24.64 1.74 -0.88	32.89 1.75 -9.35	30.70 2.24 0.00	31.62 2.35 0.00	30.45 2.46 0.00	31.43 2.37 0.00	33.36 2.38 0.01	34.89 2.43 0.00	44.44 3.11 0.01	34.15 2.30 0.00	40.53 2.42 0.01	36.63 2.24 0.00	32.54 2.11 0.00	30.33 1.90 0.00
ASTORIA_GT3_4 24101	19.85 1.31 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.96 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.25 1.23 0.00	22.38 1.30 0.00	22.22 1.45 0.00	24.64 1.74 -0.88	32.89 1.75 -9.35	30.70 2.24 0.00	31.62 2.35 0.00	30.45 2.46 0.00	31.43 2.37 0.00	33.36 2.38 0.01	34.89 2.43 0.00	44.44 3.11 0.01	34.15 2.30 0.00	40.53 2.42 0.01	36.63 2.24 0.00	32.54 2.11 0.00	30.33 1.90 0.00
ASTORIA_GT4_1 24102	19.85 1.31 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.96 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.25 1.23 0.00	22.38 1.30 0.00	22.22 1.45 0.00	24.64 1.74 -0.88	32.89 1.75 -9.35	30.70 2.24 0.00	31.62 2.35 0.00	30.45 2.46 0.00	31.43 2.37 0.00	33.36 2.38 0.01	34.89 2.43 0.00	44.44 3.11 0.01	34.15 2.30 0.00	40.53 2.42 0.01	36.63 2.24 0.00	32.54 2.11 0.00	30.33 1.90 0.00
ASTORIA_GT4_2 24103	19.85 1.31 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.96 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.25 1.23 0.00	22.38 1.30 0.00	22.22 1.45 0.00	24.64 1.74 -0.88	32.89 1.75 -9.35	30.70 2.24 0.00	31.62 2.35 0.00	30.45 2.46 0.00	31.43 2.37 0.00	33.36 2.38 0.01	34.89 2.43 0.00	44.44 3.11 0.01	34.15 2.30 0.00	40.53 2.42 0.01	36.63 2.24 0.00	32.54 2.11 0.00	30.33 1.90 0.00
ASTORIA_GT4_3 24104	19.85 1.31 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.96 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.25 1.23 0.00	22.38 1.30 0.00	22.22 1.45 0.00	24.64 1.74 -0.88	32.89 1.75 -9.35	30.70 2.24 0.00	31.62 2.35 0.00	30.45 2.46 0.00	31.43 2.37 0.00	33.36 2.38 0.01	34.89 2.43 0.00	44.44 3.11 0.01	34.15 2.30 0.00	40.53 2.42 0.01	36.63 2.24 0.00	32.54 2.11 0.00	30.33 1.90 0.00
ASTORIA_GT4_4 24105	19.85 1.31 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.96 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.25 1.23 0.00	22.38 1.30 0.00	22.22 1.45 0.00	24.64 1.74 -0.88	32.89 1.75 -9.35	30.70 2.24 0.00	31.62 2.35 0.00	30.45 2.46 0.00	31.43 2.37 0.00	33.36 2.38 0.01	34.89 2.43 0.00	44.44 3.11 0.01	34.15 2.30 0.00	40.53 2.42 0.01	36.63 2.24 0.00	32.54 2.11 0.00	30.33 1.90 0.00
ASTORIA_GT_1 23523	19.89 1.35 0.00	19.24 1.22 0.00	15.73 1.01 0.00	15.52 0.99 0.00	15.12 0.98 0.00	16.01 1.02 0.00	18.47 1.13 0.00	20.30 1.28 0.00	22.43 1.35 0.00	22.28 1.50 0.00	24.70 1.80 -0.88	32.95 1.81 -9.35	30.77 2.30 0.00	31.68 2.42 0.00	30.52 2.54 0.00	31.52 2.45 0.00	33.46 2.47 0.01	34.99 2.53 0.00	44.57 3.24 0.01	34.25 2.39 0.00	40.64 2.53 0.01	36.73 2.33 0.00	32.63 2.20 0.00	30.40 1.97 0.00

ASTORIA_GT_10 24110	19.82 1.27 0.00	19.19 1.16 0.00	15.69 0.97 0.00	15.47 0.94 0.00	15.06 0.93 0.00	15.95 0.96 0.00	18.40 1.06 0.00	20.22 1.20 0.00	22.36 1.28 0.00	22.20 1.43 0.00	24.64 1.75 -0.88	32.88 1.73 -9.35	30.66 2.20 0.00	31.57 2.31 0.00	30.37 2.38 0.00	31.33 2.27 0.00	33.23 2.25 0.01	34.77 2.31 0.00	42.81 2.93 1.45	33.30 2.19 0.75	39.02 2.31 1.41	36.58 2.19 0.00	32.47 2.04 0.00	30.23 1.80 0.00
ASTORIA_GT_11 24225	19.82 1.27 0.00	19.19 1.16 0.00	15.69 0.97 0.00	15.47 0.94 0.00	15.06 0.93 0.00	15.95 0.96 0.00	18.40 1.06 0.00	20.22 1.20 0.00	22.36 1.28 0.00	22.20 1.43 0.00	24.64 1.75 -0.88	32.88 1.73 -9.35	30.66 2.20 0.00	31.57 2.31 0.00	30.37 2.38 0.00	31.33 2.27 0.00	33.23 2.25 0.01	34.77 2.31 0.00	42.81 2.93 1.45	33.30 2.19 0.75	39.02 2.31 1.41	36.58 2.19 0.00	32.47 2.04 0.00	30.23 1.80 0.00
ASTORIA_GT_12 24226	19.81 1.27 0.00	19.19 1.16 0.00	15.69 0.96 0.00	15.47 0.94 0.00	15.07 0.93 0.00	15.96 0.96 0.00	18.40 1.06 0.00	20.22 1.20 0.00	22.36 1.28 0.00	22.20 1.43 0.00	24.65 1.75 -0.88	32.88 1.73 -9.35	30.66 2.19 0.00	31.56 2.30 0.00	30.37 2.38 0.00	31.33 2.27 0.00	33.23 2.25 0.01	34.77 2.31 0.00	42.80 2.92 1.45	33.29 2.19 0.75	39.01 2.30 1.41	36.58 2.19 0.00	32.47 2.04 0.00	30.23 1.80 0.00
ASTORIA_GT_13 24227	19.81 1.27 0.00	19.19 1.16 0.00	15.69 0.96 0.00	15.47 0.94 0.00	15.07 0.93 0.00	15.96 0.96 0.00	18.40 1.06 0.00	20.22 1.20 0.00	22.36 1.28 0.00	22.20 1.43 0.00	24.65 1.75 -0.88	32.88 1.73 -9.35	30.66 2.19 0.00	31.56 2.30 0.00	30.37 2.38 0.00	31.33 2.27 0.00	33.23 2.25 0.01	34.77 2.31 0.00	42.80 2.92 1.45	33.29 2.19 0.75	39.01 2.30 1.41	36.58 2.19 0.00	32.47 2.04 0.00	30.23 1.80 0.00
ASTORIA_GT_5 24106	19.89 1.35 0.00	19.24 1.22 0.00	15.73 1.01 0.00	15.52 0.99 0.00	15.12 0.98 0.00	16.01 1.02 0.00	18.47 1.13 0.00	20.30 1.28 0.00	22.43 1.35 0.00	22.28 1.50 0.00	24.70 1.80 -0.88	32.95 1.81 -9.35	30.77 2.30 0.00	31.68 2.42 0.00	30.52 2.54 0.00	31.52 2.45 0.00	33.46 2.47 0.01	34.99 2.53 0.00	44.57 3.24 0.01	34.25 2.39 0.00	40.64 2.53 0.01	36.73 2.33 0.00	32.63 2.20 0.00	30.40 1.97 0.00
ASTORIA_GT_7 24107	19.89 1.35 0.00	19.24 1.22 0.00	15.73 1.01 0.00	15.52 0.99 0.00	15.12 0.98 0.00	16.01 1.02 0.00	18.47 1.13 0.00	20.30 1.28 0.00	22.43 1.35 0.00	22.28 1.50 0.00	24.70 1.80 -0.88	32.95 1.81 -9.35	30.77 2.30 0.00	31.68 2.42 0.00	30.52 2.54 0.00	31.52 2.45 0.00	33.46 2.47 0.01	34.99 2.53 0.00	44.57 3.24 0.01	34.25 2.39 0.00	40.64 2.53 0.01	36.73 2.33 0.00	32.63 2.20 0.00	30.40 1.97 0.00
ASTORIA_GT_8 24108	19.89 1.35 0.00	19.24 1.22 0.00	15.73 1.01 0.00	15.52 0.99 0.00	15.12 0.98 0.00	16.01 1.02 0.00	18.47 1.13 0.00	20.30 1.28 0.00	22.43 1.35 0.00	22.28 1.50 0.00	24.70 1.80 -0.88	32.95 1.81 -9.35	30.78 2.32 0.00	31.70 2.44 0.00	30.53 2.54 0.00	31.52 2.46 0.00	33.46 2.47 0.01	34.98 2.53 0.00	44.56 3.23 0.01	34.25 2.39 0.00	40.64 2.53 0.01	36.73 2.33 0.00	32.62 2.19 0.00	30.40 1.97 0.00
ASTORIA___2 24149	19.85 1.31 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.96 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.26 1.24 0.00	22.38 1.30 0.00	22.22 1.45 0.00	24.64 1.75 -0.88	32.89 1.75 -9.35	30.69 2.23 0.00	31.60 2.34 0.00	30.45 2.46 0.00	31.43 2.37 0.00	33.37 2.38 0.01	34.89 2.43 0.00	44.44 3.11 0.01	34.16 2.30 0.00	40.53 2.42 0.01	36.63 2.24 0.00	32.54 2.11 0.00	30.33 1.90 0.00
ASTORIA___3 23516	19.81 1.27 0.00	19.19 1.16 0.00	15.69 0.96 0.00	15.47 0.94 0.00	15.07 0.93 0.00	15.96 0.96 0.00	18.40 1.06 0.00	20.22 1.20 0.00	22.36 1.28 0.00	22.20 1.43 0.00	24.65 1.75 -0.88	32.88 1.73 -9.35	30.66 2.19 0.00	31.56 2.30 0.00	30.37 2.38 0.00	31.33 2.27 0.00	33.23 2.24 0.01	34.77 2.31 0.00	42.80 2.92 1.45	33.29 2.18 0.75	39.01 2.30 1.41	36.58 2.19 0.00	32.47 2.04 0.00	30.23 1.80 0.00
ASTORIA___4 23517	19.82 1.27 0.00	19.19 1.16 0.00	15.69 0.96 0.00	15.47 0.94 0.00	15.06 0.93 0.00	15.95 0.96 0.00	18.40 1.06 0.00	20.22 1.20 0.00	22.36 1.28 0.00	22.20 1.43 0.00	24.64 1.75 -0.88	32.88 1.73 -9.35	30.66 2.20 0.00	31.57 2.31 0.00	30.37 2.38 0.00	31.33 2.27 0.00	33.23 2.25 0.01	34.77 2.31 0.00	42.81 2.93 1.45	33.30 2.19 0.75	39.02 2.31 1.41	36.58 2.19 0.00	32.47 2.04 0.00	30.23 1.80 0.00
ASTORIA___5 23518	19.81 1.27 0.00	19.19 1.16 0.00	15.69 0.96 0.00	15.47 0.94 0.00	15.07 0.93 0.00	15.96 0.96 0.00	18.40 1.06 0.00	20.22 1.20 0.00	22.36 1.28 0.00	22.20 1.43 0.00	24.65 1.75 -0.88	32.88 1.73 -9.35	30.66 2.19 0.00	31.56 2.30 0.00	30.37 2.38 0.00	31.33 2.27 0.00	33.23 2.24 0.01	34.77 2.31 0.00	42.80 2.92 1.45	33.29 2.18 0.75	39.01 2.30 1.41	36.58 2.19 0.00	32.47 2.04 0.00	30.23 1.80 0.00
AST_ENERGY_2_CC3 323677	19.77 1.23 0.00	19.14 1.12 0.00	15.65 0.93 0.00	15.45 0.91 0.00	15.05 0.91 0.00	15.93 0.94 0.00	18.37 1.03 0.00	20.19 1.17 0.00	22.31 1.23 0.00	22.16 1.39 0.00	24.61 1.71 -0.88	32.86 1.71 -9.35	30.65 2.18 0.00	31.56 2.31 0.00	30.38 2.39 0.00	31.41 2.34 0.00	33.34 2.35 0.00	34.87 2.41 0.00	44.39 3.05 0.00	34.12 2.27 0.00	40.48 2.36 0.00	36.62 2.22 0.00	32.50 2.07 0.00	30.24 1.81 0.00
AST_ENERGY_2_CC4 323678	19.77 1.23 0.00	19.14 1.12 0.00	15.65 0.93 0.00	15.45 0.91 0.00	15.05 0.91 0.00	15.93 0.94 0.00	18.37 1.03 0.00	20.19 1.17 0.00	22.31 1.23 0.00	22.16 1.39 0.00	24.61 1.71 -0.88	32.86 1.71 -9.35	30.65 2.18 0.00	31.56 2.31 0.00	30.38 2.39 0.00	31.41 2.34 0.00	33.34 2.35 0.00	34.87 2.41 0.00	44.39 3.05 0.00	34.12 2.27 0.00	40.48 2.36 0.00	36.62 2.22 0.00	32.50 2.07 0.00	30.24 1.81 0.00
ATHENS_STG_1 23668	19.17 0.62 0.00	18.63 0.60 0.00	15.25 0.53 0.00	15.05 0.52 0.00	14.66 0.52 0.00	15.53 0.53 0.00	17.89 0.55 0.00	19.60 0.58 0.00	21.62 0.54 0.00	21.35 0.58 0.00	22.98 0.72 -0.23	24.99 0.68 -2.51	29.35 0.89 0.00	30.20 0.94 0.00	29.01 1.02 0.00	30.06 0.99 0.00	31.98 0.99 0.00	33.52 1.06 0.00	42.81 1.48 0.00	32.96 1.10 0.00	39.32 1.21 0.00	35.50 1.10 0.00	31.39 0.96 0.00	29.21 0.78 0.00
ATHENS_STG_2 23670	19.17 0.62 0.00	18.63 0.60 0.00	15.25 0.53 0.00	15.05 0.52 0.00	14.66 0.52 0.00	15.53 0.53 0.00	17.89 0.55 0.00	19.60 0.58 0.00	21.62 0.54 0.00	21.35 0.58 0.00	22.98 0.72 -0.23	24.99 0.68 -2.51	29.35 0.89 0.00	30.20 0.94 0.00	29.01 1.02 0.00	30.06 0.99 0.00	31.98 0.99 0.00	33.52 1.06 0.00	42.81 1.48 0.00	32.96 1.10 0.00	39.32 1.21 0.00	35.50 1.10 0.00	31.39 0.96 0.00	29.21 0.78 0.00

ATHENS_STG_3 23677	19.17 0.62 0.00	18.63 0.60 0.00	15.25 0.53 0.00	15.05 0.52 0.00	14.66 0.52 0.00	15.53 0.53 0.00	17.89 0.55 0.00	19.60 0.58 0.00	21.62 0.54 0.00	21.35 0.58 0.00	22.98 0.72 -0.23	24.99 0.68 -2.51	29.35 0.89 0.00	30.20 0.94 0.00	29.01 1.02 0.00	30.06 0.99 0.00	31.98 0.99 0.00	33.52 1.06 0.00	42.81 1.48 0.00	32.96 1.10 0.00	39.32 1.21 0.00	35.50 1.10 0.00	31.39 0.96 0.00	29.21 0.78 0.00
AUBURN____LFGE 323710	18.78 0.24 0.00	18.23 0.21 0.00	14.85 0.12 0.00	14.64 0.10 0.00	14.23 0.09 0.00	15.11 0.11 0.00	17.52 0.18 0.00	19.34 0.32 0.00	21.49 0.41 0.00	21.24 0.47 0.00	22.40 0.38 0.00	22.11 0.31 0.00	28.97 0.50 0.00	30.15 0.67 -0.22	28.78 0.59 -0.20	29.97 0.64 -0.26	32.62 0.84 -0.79	35.53 1.05 -2.03	46.01 1.22 -3.46	34.61 0.97 -1.77	42.03 1.10 -2.82	37.30 0.81 -2.09	31.92 0.75 -0.74	29.58 0.73 -0.41
BABYLON_RES_REC 323704	20.54 1.75 -0.25	19.58 1.56 0.00	16.02 1.30 0.00	15.72 1.19 0.00	15.27 1.13 0.00	16.05 1.06 0.00	18.55 1.22 0.00	20.42 1.40 0.00	22.54 1.46 0.00	22.51 1.74 0.00	24.88 1.99 -0.87	33.59 1.95 -9.85	31.70 2.49 -0.74	35.32 2.60 -3.47	34.92 2.52 -4.41	31.44 2.37 0.00	34.67 2.40 -1.28	35.11 2.65 0.00	74.03 3.53 -29.17	50.39 2.72 -15.82	40.90 2.79 0.00	37.15 2.76 0.00	33.14 2.71 0.00	30.77 2.34 0.00
BABYLON__69_KV_BK2 356345	20.78 1.99 -0.25	19.78 1.76 0.00	16.18 1.46 0.00	15.88 1.35 0.00	15.41 1.28 0.00	16.20 1.20 0.00	18.74 1.40 0.00	20.63 1.61 0.00	22.80 1.72 0.00	22.79 2.02 0.00	25.31 2.42 -0.87	34.12 2.47 -9.85	32.41 3.20 -0.74	36.11 3.38 -3.47	35.86 3.26 -4.61	32.14 3.08 0.00	38.18 3.15 -4.04	35.91 3.45 0.00	75.03 4.53 -29.17	51.17 3.50 -15.82	41.82 3.70 0.00	37.81 3.41 0.00	33.57 3.14 0.00	31.15 2.72 0.00
BARON_WINDS____WT_PWR 323822	18.29 -0.25 0.00	17.77 -0.25 0.00	14.36 -0.36 0.00	14.24 -0.29 0.00	13.79 -0.34 0.00	14.69 -0.30 0.00	17.11 -0.22 0.00	18.90 -0.12 0.00	21.34 0.26 0.00	21.22 0.45 0.00	22.34 0.32 0.00	22.24 0.44 0.00	29.00 0.53 0.00	29.97 0.66 -0.05	28.01 -0.03 -0.05	29.06 -0.07 -0.06	31.13 -0.04 -0.18	32.75 -0.17 -0.46	41.67 -0.45 -0.79	32.15 -0.12 -0.40	38.61 -0.15 -0.65	34.95 0.07 -0.48	30.97 0.37 -0.17	29.13 0.61 -0.09
BARRETT_IC_1 23704	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.74 1.85 -0.87	33.57 1.91 -9.86	31.62 2.41 -0.74	35.13 2.40 -3.47	34.70 2.39 -4.32	31.29 2.23 0.00	33.21 2.23 0.01	34.89 2.44 0.01	73.67 3.17 -29.16	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 -0.01	32.79 2.34 -0.01	30.47 2.04 -0.01
BARRETT_IC_10 23701	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.74 1.85 -0.87	33.57 1.91 -9.86	31.62 2.41 -0.74	35.13 2.40 -3.47	34.70 2.39 -4.32	31.29 2.23 0.00	33.21 2.23 0.01	34.89 2.44 0.01	73.67 3.17 -29.16	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 -0.01	32.79 2.34 -0.01	30.47 2.04 -0.01
BARRETT_IC_11 23702	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.74 1.85 -0.87	33.57 1.91 -9.86	31.62 2.41 -0.74	35.13 2.40 -3.47	34.70 2.39 -4.32	31.29 2.23 0.00	33.21 2.23 0.01	34.89 2.44 0.01	73.67 3.17 -29.16	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 -0.01	32.79 2.34 -0.01	30.47 2.04 -0.01
BARRETT_IC_12 23703	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.74 1.85 -0.87	33.57 1.91 -9.86	31.62 2.41 -0.74	35.13 2.40 -3.47	34.70 2.39 -4.32	31.29 2.23 0.00	33.21 2.23 0.01	34.89 2.44 0.01	73.67 3.17 -29.16	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 -0.01	32.79 2.34 -0.01	30.47 2.04 -0.01
BARRETT_IC_2 23705	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.74 1.85 -0.87	33.57 1.91 -9.86	31.62 2.41 -0.74	35.13 2.40 -3.47	34.70 2.39 -4.32	31.29 2.23 0.00	33.21 2.23 0.01	34.89 2.44 0.01	73.67 3.17 -29.16	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 -0.01	32.79 2.34 -0.01	30.47 2.04 -0.01
BARRETT_IC_3 23706	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.74 1.85 -0.87	33.57 1.91 -9.86	31.62 2.41 -0.74	35.13 2.40 -3.47	34.70 2.39 -4.32	31.29 2.23 0.00	33.21 2.23 0.01	34.89 2.44 0.01	73.67 3.17 -29.16	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 -0.01	32.79 2.34 -0.01	30.47 2.04 -0.01
BARRETT_IC_4 23707	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.74 1.85 -0.87	33.57 1.91 -9.86	31.62 2.41 -0.74	35.13 2.40 -3.47	34.70 2.39 -4.32	31.29 2.23 0.00	33.21 2.23 0.01	34.89 2.44 0.01	73.67 3.17 -29.16	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 -0.01	32.79 2.34 -0.01	30.47 2.04 -0.01
BARRETT_IC_5 23708	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.74 1.85 -0.87	33.57 1.91 -9.86	31.62 2.41 -0.74	35.13 2.40 -3.47	34.70 2.39 -4.32	31.29 2.23 0.00	33.21 2.23 0.01	34.89 2.44 0.01	73.67 3.17 -29.16	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 -0.01	32.79 2.34 -0.01	30.47 2.04 -0.01
BARRETT_IC_6 23709	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.74 1.85 -0.87	33.57 1.91 -9.86	31.62 2.41 -0.74	35.13 2.40 -3.47	34.70 2.39 -4.32	31.29 2.23 0.00	33.21 2.23 0.01	34.89 2.44 0.01	73.67 3.17 -29.16	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 -0.01	32.79 2.34 -0.01	30.47 2.04 -0.01
BARRETT_IC_7 23710	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.73 1.84 -0.87	33.56 1.92 -9.85	31.62 2.41 -0.74	35.13 2.41 -3.47	34.70 2.39 -4.32	31.29 2.22 0.00	33.22 2.23 0.00	34.90 2.44 0.00	73.67 3.17 -29.17	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 0.00	32.78 2.35 0.00	30.47 2.03 0.00

BARRETT_IC_8 23711	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.74 1.85 -0.87	33.57 1.91 -9.86	31.62 2.41 -0.74	35.13 2.40 -3.47	34.70 2.39 -4.32	31.29 2.23 0.00	33.21 2.23 0.01	34.89 2.44 0.01	73.67 3.17 -29.16	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 -0.01	32.79 2.34 -0.01	30.47 2.04 -0.01
BARRETT_IC_9 23700	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.74 1.85 -0.87	33.57 1.91 -9.86	31.62 2.41 -0.74	35.13 2.40 -3.47	34.70 2.39 -4.32	31.29 2.23 0.00	33.21 2.23 0.01	34.89 2.44 0.01	73.67 3.17 -29.16	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 -0.01	32.79 2.34 -0.01	30.47 2.04 -0.01
BARRETT___1 23545	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.74 1.85 -0.87	33.57 1.91 -9.86	31.62 2.41 -0.74	35.13 2.40 -3.47	34.70 2.39 -4.32	31.29 2.23 0.00	33.21 2.23 0.01	34.89 2.44 0.01	73.67 3.17 -29.16	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 -0.01	32.79 2.34 -0.01	30.47 2.04 -0.01
BARRETT___2 23546	20.31 1.52 -0.25	19.38 1.36 0.00	15.86 1.14 0.00	15.59 1.05 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.37 1.04 0.00	20.15 1.13 0.00	22.20 1.12 0.00	22.16 1.39 0.00	24.74 1.85 -0.87	33.57 1.91 -9.86	31.62 2.41 -0.74	35.13 2.40 -3.47	34.70 2.39 -4.32	31.29 2.23 0.00	33.21 2.23 0.01	34.89 2.44 0.01	73.67 3.17 -29.16	50.10 2.43 -15.82	40.71 2.59 0.00	36.94 2.54 -0.01	32.79 2.34 -0.01	30.47 2.04 -0.01
BATAVIA___115KV_TB1 55881	19.19 0.65 0.00	18.51 0.49 0.00	14.74 0.01 0.00	14.59 0.05 0.00	14.12 -0.02 0.00	14.96 -0.03 0.00	17.50 0.16 0.00	19.28 0.26 0.00	21.85 0.77 0.00	21.44 0.67 0.00	22.40 0.38 0.00	22.36 0.56 0.00	29.32 0.86 0.00	30.32 1.06 0.00	28.21 0.21 0.00	29.21 0.14 0.00	31.35 0.36 0.00	32.77 0.31 0.00	41.65 0.32 0.00	31.99 0.12 0.00	38.34 0.22 0.00	34.88 0.48 0.00	31.53 1.09 0.00	29.52 1.09 0.00
BAYONEEC___CTG1 323682	19.78 1.24 0.00	19.15 1.13 0.00	15.66 0.94 0.00	15.45 0.92 0.00	15.05 0.91 0.00	15.95 0.95 0.00	18.38 1.04 0.00	20.20 1.19 0.00	22.33 1.25 0.00	22.17 1.40 0.00	24.63 1.73 -0.88	32.88 1.73 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.41 2.42 0.00	31.43 2.36 0.00	33.35 2.36 0.00	34.88 2.42 0.00	44.40 3.06 0.00	34.13 2.27 0.00	40.48 2.36 0.00	36.61 2.21 0.00	32.51 2.08 0.00	30.26 1.83 0.00
BAYONEEC___CTG10 323750	19.78 1.24 0.00	19.15 1.13 0.00	15.66 0.94 0.00	15.45 0.92 0.00	15.05 0.91 0.00	15.95 0.95 0.00	18.38 1.04 0.00	20.20 1.19 0.00	22.33 1.25 0.00	22.17 1.40 0.00	24.63 1.73 -0.88	32.88 1.73 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.41 2.42 0.00	31.43 2.36 0.00	33.35 2.36 0.00	34.88 2.42 0.00	44.40 3.06 0.00	34.13 2.27 0.00	40.48 2.36 0.00	36.61 2.21 0.00	32.51 2.08 0.00	30.26 1.83 0.00
BAYONEEC___CTG2 323683	19.78 1.24 0.00	19.15 1.13 0.00	15.66 0.94 0.00	15.45 0.92 0.00	15.05 0.91 0.00	15.95 0.95 0.00	18.38 1.04 0.00	20.20 1.19 0.00	22.33 1.25 0.00	22.17 1.40 0.00	24.63 1.73 -0.88	32.88 1.73 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.41 2.42 0.00	31.43 2.36 0.00	33.35 2.36 0.00	34.88 2.42 0.00	44.40 3.06 0.00	34.13 2.27 0.00	40.48 2.36 0.00	36.61 2.21 0.00	32.51 2.08 0.00	30.26 1.83 0.00
BAYONEEC___CTG3 323684	19.78 1.24 0.00	19.15 1.13 0.00	15.66 0.94 0.00	15.45 0.92 0.00	15.05 0.91 0.00	15.95 0.95 0.00	18.38 1.04 0.00	20.20 1.19 0.00	22.33 1.25 0.00	22.17 1.40 0.00	24.63 1.73 -0.88	32.88 1.73 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.41 2.42 0.00	31.43 2.36 0.00	33.35 2.36 0.00	34.88 2.42 0.00	44.40 3.06 0.00	34.13 2.27 0.00	40.48 2.36 0.00	36.61 2.21 0.00	32.51 2.08 0.00	30.26 1.83 0.00
BAYONEEC___CTG4 323685	19.78 1.24 0.00	19.15 1.13 0.00	15.66 0.94 0.00	15.45 0.92 0.00	15.05 0.91 0.00	15.95 0.95 0.00	18.38 1.04 0.00	20.20 1.19 0.00	22.33 1.25 0.00	22.17 1.40 0.00	24.63 1.73 -0.88	32.88 1.73 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.41 2.42 0.00	31.43 2.36 0.00	33.35 2.36 0.00	34.88 2.42 0.00	44.40 3.06 0.00	34.13 2.27 0.00	40.48 2.36 0.00	36.61 2.21 0.00	32.51 2.08 0.00	30.26 1.83 0.00
BAYONEEC___CTG5 323686	19.78 1.24 0.00	19.15 1.13 0.00	15.66 0.94 0.00	15.45 0.92 0.00	15.05 0.91 0.00	15.95 0.95 0.00	18.38 1.04 0.00	20.20 1.19 0.00	22.33 1.25 0.00	22.17 1.40 0.00	24.63 1.73 -0.88	32.88 1.73 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.41 2.42 0.00	31.43 2.36 0.00	33.35 2.36 0.00	34.88 2.42 0.00	44.40 3.06 0.00	34.13 2.27 0.00	40.48 2.36 0.00	36.61 2.21 0.00	32.51 2.08 0.00	30.26 1.83 0.00
BAYONEEC___CTG6 323687	19.78 1.24 0.00	19.15 1.13 0.00	15.66 0.94 0.00	15.45 0.92 0.00	15.05 0.91 0.00	15.95 0.95 0.00	18.38 1.04 0.00	20.20 1.19 0.00	22.33 1.25 0.00	22.17 1.40 0.00	24.63 1.73 -0.88	32.88 1.73 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.41 2.42 0.00	31.43 2.36 0.00	33.35 2.36 0.00	34.88 2.42 0.00	44.40 3.06 0.00	34.13 2.27 0.00	40.48 2.36 0.00	36.61 2.21 0.00	32.51 2.08 0.00	30.26 1.83 0.00
BAYONEEC___CTG7 323688	19.78 1.24 0.00	19.15 1.13 0.00	15.66 0.94 0.00	15.45 0.92 0.00	15.05 0.91 0.00	15.95 0.95 0.00	18.38 1.04 0.00	20.20 1.19 0.00	22.33 1.25 0.00	22.17 1.40 0.00	24.63 1.73 -0.88	32.88 1.73 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.41 2.42 0.00	31.43 2.36 0.00	33.35 2.36 0.00	34.88 2.42 0.00	44.40 3.06 0.00	34.13 2.27 0.00	40.48 2.36 0.00	36.61 2.21 0.00	32.51 2.08 0.00	30.26 1.83 0.00
BAYONEEC___CTG8 323689	19.78 1.24 0.00	19.15 1.13 0.00	15.66 0.94 0.00	15.45 0.92 0.00	15.05 0.91 0.00	15.95 0.95 0.00	18.38 1.04 0.00	20.20 1.19 0.00	22.33 1.25 0.00	22.17 1.40 0.00	24.63 1.73 -0.88	32.88 1.73 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.41 2.42 0.00	31.43 2.36 0.00	33.35 2.36 0.00	34.88 2.42 0.00	44.40 3.06 0.00	34.13 2.27 0.00	40.48 2.36 0.00	36.61 2.21 0.00	32.51 2.08 0.00	30.26 1.83 0.00
BAYONEEC___CTG9 323749	19.78 1.24 0.00	19.15 1.13 0.00	15.66 0.94 0.00	15.45 0.92 0.00	15.05 0.91 0.00	15.95 0.95 0.00	18.38 1.04 0.00	20.20 1.19 0.00	22.33 1.25 0.00	22.17 1.40 0.00	24.63 1.73 -0.88	32.88 1.73 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.41 2.42 0.00	31.43 2.36 0.00	33.35 2.36 0.00	34.88 2.42 0.00	44.40 3.06 0.00	34.13 2.27 0.00	40.48 2.36 0.00	36.61 2.21 0.00	32.51 2.08 0.00	30.26 1.83 0.00

BEACON___LESR 323632	19.02 0.48 0.00	18.57 0.54 0.00	15.18 0.46 0.00	14.98 0.44 0.00	14.61 0.47 0.00	15.48 0.48 0.00	17.85 0.52 0.00	19.51 0.49 0.00	21.61 0.53 0.00	21.24 0.47 0.00	22.77 0.54 -0.20	24.50 0.55 -2.15	29.18 0.71 0.00	30.09 0.83 0.00	28.84 0.85 0.00	29.95 0.88 0.00	31.96 0.96 0.00	33.60 1.14 0.00	43.02 1.69 0.00	33.03 1.17 0.00	39.47 1.35 0.00	35.48 1.08 0.00	31.37 0.94 0.00	29.15 0.72 0.00
BEAVER RIVER___HYD 24048	17.74 -0.80 0.00	17.25 -0.77 0.00	14.10 -0.62 0.00	13.94 -0.60 0.00	13.62 -0.52 0.00	14.64 -0.35 0.00	16.99 -0.34 0.00	18.62 -0.40 0.00	20.82 -0.25 0.00	20.49 -0.28 0.00	21.81 -0.21 0.00	21.59 -0.21 0.00	27.77 -0.69 0.00	28.50 -0.91 -0.14	27.16 -0.95 -0.12	28.28 -0.94 -0.16	30.34 -1.14 -0.48	33.10 -0.60 -1.24	42.80 -0.65 -2.11	32.88 -0.06 -1.08	39.62 -0.21 -1.72	34.92 -0.76 -1.28	29.65 -1.24 -0.45	27.42 -1.26 -0.25
BEEBEE_GT_13 23619	18.59 0.05 0.00	18.07 0.04 0.00	14.61 -0.12 0.00	14.44 -0.10 0.00	13.99 -0.14 0.00	14.83 -0.16 0.00	17.30 -0.04 0.00	19.05 0.04 0.00	21.46 0.38 0.00	21.15 0.38 0.00	22.23 0.21 0.00	22.15 0.35 0.00	29.07 0.61 0.00	30.02 0.76 0.00	28.18 0.19 0.00	29.28 0.21 0.00	31.38 0.39 0.00	32.82 0.36 0.00	41.64 0.31 0.00	31.95 0.09 0.00	38.21 0.09 0.00	34.65 0.25 0.00	31.08 0.65 0.00	29.05 0.62 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.05 1.51 0.00	19.39 1.37 0.00	15.84 1.12 0.00	15.62 1.08 0.00	15.20 1.06 0.00	16.10 1.11 0.00	18.58 1.24 0.00	20.42 1.40 0.00	22.59 1.51 0.00	22.44 1.67 0.00	24.91 2.01 -0.88	33.18 2.03 -9.35	35.26 2.63 -4.17	50.80 2.78 -18.76	35.57 2.83 -4.75	34.68 2.76 -2.85	35.92 2.77 -2.16	35.32 2.85 -0.01	47.60 3.58 -2.69	35.93 2.69 -1.39	43.63 2.92 -2.60	37.16 2.75 -0.01	35.41 2.52 -2.45	30.66 2.22 0.00
BETHLEHEM___GRP 23843	18.77 0.23 0.00	18.28 0.25 0.00	15.00 0.28 0.00	14.81 0.28 0.00	14.42 0.28 0.00	15.28 0.29 0.00	17.59 0.25 0.00	19.25 0.23 0.00	21.22 0.14 0.00	20.89 0.11 0.00	22.42 0.20 -0.20	24.08 0.14 -2.14	28.64 0.18 0.00	29.45 0.19 0.00	28.31 0.32 0.00	29.36 0.29 0.00	31.30 0.31 0.00	32.86 0.40 0.00	42.11 0.77 0.00	32.37 0.52 0.00	38.73 0.62 0.00	34.91 0.51 0.00	30.87 0.44 0.00	28.72 0.28 0.00
BETHLEHEM___GS1 323560	18.77 0.23 0.00	18.28 0.26 0.00	15.00 0.28 0.00	14.81 0.28 0.00	14.42 0.29 0.00	15.28 0.29 0.00	17.59 0.25 0.00	19.25 0.23 0.00	21.22 0.14 0.00	20.89 0.11 0.00	22.42 0.20 -0.20	24.08 0.13 -2.14	28.64 0.18 0.00	29.45 0.19 0.00	28.31 0.32 0.00	29.35 0.29 0.00	31.30 0.31 0.00	32.86 0.40 0.00	42.11 0.77 0.00	32.37 0.51 0.00	38.73 0.61 0.00	34.91 0.51 0.00	30.87 0.44 0.00	28.72 0.28 0.00
BETHLEHEM___GS2 323561	18.77 0.23 0.00	18.28 0.26 0.00	15.00 0.28 0.00	14.81 0.28 0.00	14.42 0.29 0.00	15.28 0.29 0.00	17.59 0.25 0.00	19.25 0.23 0.00	21.22 0.14 0.00	20.89 0.11 0.00	22.42 0.20 -0.20	24.08 0.13 -2.14	28.64 0.18 0.00	29.45 0.19 0.00	28.31 0.32 0.00	29.35 0.29 0.00	31.30 0.31 0.00	32.86 0.40 0.00	42.11 0.77 0.00	32.37 0.51 0.00	38.73 0.61 0.00	34.91 0.51 0.00	30.87 0.44 0.00	28.72 0.28 0.00
BETHLEHEM___GS3 323562	18.77 0.23 0.00	18.28 0.26 0.00	15.00 0.28 0.00	14.81 0.28 0.00	14.42 0.29 0.00	15.28 0.29 0.00	17.59 0.25 0.00	19.25 0.23 0.00	21.22 0.14 0.00	20.89 0.11 0.00	22.42 0.20 -0.20	24.08 0.13 -2.14	28.64 0.18 0.00	29.45 0.19 0.00	28.31 0.32 0.00	29.35 0.29 0.00	31.30 0.31 0.00	32.86 0.40 0.00	42.11 0.77 0.00	32.37 0.51 0.00	38.73 0.61 0.00	34.91 0.51 0.00	30.87 0.44 0.00	28.72 0.28 0.00
BETHLEHEM___STEEL 23779	18.60 0.06 0.00	18.06 0.04 0.00	14.50 -0.22 0.00	14.36 -0.17 0.00	13.90 -0.24 0.00	14.70 -0.29 0.00	17.20 -0.13 0.00	18.99 -0.03 0.00	21.60 0.52 0.00	21.25 0.48 0.00	22.19 0.17 0.00	22.13 0.33 0.00	29.01 0.54 0.00	29.94 0.68 0.00	27.75 -0.23 0.00	28.80 -0.26 0.00	30.92 -0.08 0.00	32.20 -0.26 0.00	40.65 -0.69 0.00	31.26 -0.60 0.00	37.46 -0.66 0.00	34.12 -0.28 0.00	30.93 0.50 0.00	29.08 0.65 0.00
BETHLHEM_115KV_TB1 79974	18.83 0.29 0.00	18.33 0.31 0.00	15.04 0.32 0.00	14.85 0.31 0.00	14.46 0.32 0.00	15.32 0.33 0.00	17.64 0.30 0.00	19.30 0.28 0.00	21.28 0.20 0.00	20.95 0.18 0.00	22.49 0.27 -0.20	24.15 0.21 -2.13	28.74 0.27 0.00	29.55 0.29 0.00	28.39 0.40 0.00	29.45 0.38 0.00	31.40 0.40 0.00	32.95 0.49 0.00	42.20 0.87 0.00	32.46 0.61 0.00	38.82 0.71 0.00	35.00 0.60 0.00	30.95 0.52 0.00	28.80 0.37 0.00
BETHPAGE_CC_5 323564	20.41 1.62 -0.25	19.47 1.44 0.00	15.92 1.20 0.00	15.63 1.10 0.00	15.19 1.05 0.00	15.98 0.99 0.00	18.47 1.13 0.00	20.32 1.30 0.00	22.41 1.33 0.00	22.36 1.59 0.00	24.84 1.94 -0.87	33.64 1.99 -9.85	31.78 2.57 -0.74	35.41 2.68 -3.47	35.00 2.67 -4.35	31.59 2.53 0.00	33.91 2.57 -0.35	35.26 2.80 0.00	74.18 3.68 -29.17	50.46 2.78 -15.82	40.99 2.88 0.00	37.10 2.70 0.00	32.88 2.45 0.00	30.51 2.08 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.64 0.10 0.00	18.09 0.07 0.00	14.53 -0.20 0.00	14.39 -0.14 0.00	13.93 -0.21 0.00	14.74 -0.25 0.00	17.24 -0.10 0.00	19.04 0.02 0.00	21.66 0.58 0.00	21.33 0.56 0.00	22.29 0.27 0.00	22.23 0.43 0.00	29.14 0.67 0.00	30.08 0.81 0.00	27.89 -0.10 0.00	28.95 -0.12 0.00	31.09 0.09 0.00	32.39 -0.07 0.00	40.87 -0.47 0.00	31.42 -0.44 0.00	37.64 -0.48 0.00	34.27 -0.13 0.00	31.03 0.60 0.00	29.18 0.75 0.00
BINGHAMTON___COGEN 23790	18.66 0.12 0.00	18.09 0.07 0.00	14.73 0.01 0.00	14.58 0.05 0.00	14.18 0.04 0.00	15.05 0.05 0.00	17.43 0.10 0.00	19.17 0.16 0.00	21.39 0.30 0.00	21.16 0.39 0.00	22.39 0.37 0.00	22.24 0.44 0.00	29.06 0.60 0.00	30.09 0.74 -0.09	28.61 0.54 -0.09	29.77 0.60 -0.11	31.97 0.64 -0.33	33.97 0.65 -0.86	43.50 0.69 -1.47	33.19 0.58 -0.76	39.92 0.61 -1.20	35.87 0.59 -0.89	31.25 0.51 -0.31	29.16 0.55 -0.17
BIXINCNT_115KV_LOAD 355685	18.57 0.03 0.00	17.97 -0.05 0.00	14.41 -0.32 0.00	14.32 -0.21 0.00	13.94 -0.20 0.00	14.73 -0.26 0.00	17.24 -0.10 0.00	19.09 0.07 0.00	21.76 0.68 0.00	21.52 0.75 0.00	22.54 0.52 0.00	22.38 0.58 0.00	29.28 0.81 0.00	30.07 0.81 0.00	27.81 -0.18 0.00	28.91 -0.16 0.00	31.17 0.17 0.00	32.58 0.12 0.00	41.22 -0.12 0.00	31.71 -0.15 0.00	37.86 -0.25 0.00	34.33 -0.06 0.00	31.07 0.64 0.00	29.37 0.94 0.00
BLACK RIVER___HYD 24047	17.68 -0.86 0.00	17.18 -0.84 0.00	14.04 -0.69 0.00	13.87 -0.66 0.00	13.55 -0.58 0.00	14.59 -0.40 0.00	16.94 -0.40 0.00	18.58 -0.43 0.00	20.86 -0.22 0.00	20.54 -0.23 0.00	21.84 -0.18 0.00	21.67 -0.13 0.00	27.75 -0.72 0.00	28.54 -0.94 -0.22	27.23 -0.96 -0.19	28.34 -0.98 -0.25	30.51 -1.24 -0.76	33.83 -0.59 -1.95	44.09 -0.57 -3.33	33.71 0.14 -1.71	40.95 0.12 -2.72	35.85 -0.56 -2.01	30.04 -1.11 -0.71	27.68 -1.15 -0.39

BLACKRVR_115KV_TB2 79977	17.68 -0.86 0.00	17.18 -0.84 0.00	14.04 -0.69 0.00	13.87 -0.66 0.00	13.55 -0.58 0.00	14.59 -0.41 0.00	16.94 -0.40 0.00	18.58 -0.43 0.00	20.85 -0.22 0.00	20.54 -0.23 0.00	21.85 -0.17 0.00	21.67 -0.13 0.00	27.75 -0.72 0.00	28.53 -0.95 -0.22	27.23 -0.96 -0.19	28.34 -0.98 -0.25	30.51 -1.24 -0.76	33.83 -0.59 -1.95	44.09 -0.57 -3.33	33.71 0.15 -1.71	40.95 0.12 -2.72	35.85 -0.56 -2.01	30.03 -1.11 -0.71	27.68 -1.14 -0.39
BLISS_WT_PWR 323608	18.53 -0.01 0.00	17.93 -0.10 0.00	14.36 -0.36 0.00	14.28 -0.25 0.00	13.91 -0.22 0.00	14.70 -0.29 0.00	17.20 -0.13 0.00	19.07 0.05 0.00	21.77 0.69 0.00	21.53 0.76 0.00	22.54 0.52 0.00	22.36 0.56 0.00	29.23 0.77 0.00	30.02 0.76 0.00	27.69 -0.30 0.00	28.82 -0.25 0.00	31.13 0.14 0.00	32.57 0.11 0.00	41.23 -0.11 0.00	31.73 -0.13 0.00	37.86 -0.26 0.00	34.30 -0.10 0.00	31.07 0.63 0.00	29.38 0.95 0.00
BLUE_CIRC_CHEM_DRP 24182	19.05 0.51 0.00	18.55 0.52 0.00	15.22 0.49 0.00	15.02 0.48 0.00	14.63 0.49 0.00	15.89 0.90 0.00	18.67 1.33 0.00	20.43 1.41 0.00	22.48 1.40 0.00	21.51 0.74 0.00	22.65 0.45 -0.18	24.15 0.38 -1.97	28.96 0.50 0.00	29.79 0.53 0.00	28.57 0.59 0.00	29.59 0.52 0.00	31.61 0.62 0.00	33.20 0.74 0.00	42.52 1.19 0.00	32.75 0.89 0.00	39.18 1.07 0.00	35.35 0.95 0.00	31.27 0.84 0.00	29.15 0.72 0.00
BOC_GAS_DRP 24189	18.97 0.43 0.00	18.46 0.43 0.00	15.13 0.41 0.00	14.93 0.40 0.00	14.54 0.40 0.00	15.40 0.41 0.00	17.74 0.41 0.00	19.43 0.41 0.00	21.44 0.36 0.00	21.13 0.36 0.00	22.66 0.45 -0.20	24.28 0.39 -2.09	28.97 0.50 0.00	29.78 0.52 0.00	28.59 0.60 0.00	29.65 0.59 0.00	31.58 0.59 0.00	33.12 0.66 0.00	42.38 1.04 0.00	32.62 0.76 0.00	39.00 0.88 0.00	35.17 0.77 0.00	31.12 0.69 0.00	28.99 0.55 0.00
BOONVILLE_115KV_TB1 79983	18.53 -0.01 0.00	17.99 -0.04 0.00	14.69 -0.03 0.00	14.52 -0.01 0.00	14.14 0.01 0.00	15.08 0.08 0.00	17.48 0.14 0.00	19.17 0.15 0.00	21.35 0.27 0.00	21.04 0.27 0.00	22.40 0.38 0.00	22.22 0.43 0.00	28.89 0.42 0.00	29.86 0.53 -0.07	28.43 0.40 -0.05	29.46 0.33 -0.06	31.56 0.39 -0.18	33.58 0.66 -0.46	43.03 0.92 -0.78	33.12 0.86 -0.40	39.68 0.94 -0.63	35.47 0.60 -0.47	30.86 0.26 -0.16	28.67 0.15 -0.09
BORALEX_4TH_BRANCH 23824	19.33 0.79 0.00	18.90 0.88 0.00	15.58 0.86 0.00	15.40 0.86 0.00	15.00 0.86 0.00	15.85 0.85 0.00	18.15 0.81 0.00	19.83 0.81 0.00	21.79 0.71 0.00	21.42 0.65 0.00	23.03 0.79 -0.22	24.85 0.68 -2.37	29.30 0.83 0.00	30.06 0.80 0.00	28.88 0.89 0.00	29.87 0.80 0.00	31.91 0.92 0.00	33.54 1.08 0.00	43.17 1.84 0.00	33.15 1.29 0.00	39.91 1.79 0.00	36.02 1.63 0.00	31.87 1.44 0.00	29.58 1.16 0.00
BOWLINE___1 23526	19.57 1.03 0.00	18.95 0.92 0.00	15.49 0.77 0.00	15.29 0.76 0.00	14.90 0.76 0.00	15.79 0.79 0.00	18.19 0.86 0.00	19.97 0.95 0.00	22.07 0.99 0.00	21.89 1.12 0.00	22.17 1.40 1.25	9.84 1.39 13.35	30.24 1.77 0.00	31.08 1.83 0.00	29.84 1.86 0.00	30.93 1.86 0.00	32.86 1.87 0.00	34.43 1.97 0.00	43.86 2.53 0.00	33.72 1.86 0.00	40.05 1.94 0.00	36.27 1.87 0.00	32.13 1.70 0.00	29.87 1.45 0.00
BOWLINE___2 23595	19.57 1.03 0.00	18.95 0.92 0.00	15.49 0.77 0.00	15.29 0.76 0.00	14.90 0.76 0.00	15.79 0.79 0.00	18.19 0.86 0.00	19.97 0.95 0.00	22.07 0.99 0.00	21.89 1.12 0.00	22.17 1.40 1.25	9.83 1.39 13.36	30.25 1.79 0.00	31.12 1.86 0.00	29.90 1.91 0.00	30.97 1.91 0.00	32.92 1.92 0.00	34.49 2.03 0.00	43.94 2.60 0.00	33.78 1.92 0.00	40.12 2.01 0.00	36.30 1.90 0.00	32.15 1.72 0.00	29.89 1.46 0.00
BRADY___115KV_TB2 356060	18.88 0.34 0.00	18.38 0.36 0.00	15.00 0.27 0.00	14.78 0.25 0.00	14.37 0.23 0.00	15.25 0.25 0.00	17.71 0.37 0.00	19.42 0.40 0.00	21.37 0.29 0.00	20.85 0.08 0.00	22.09 0.07 0.00	21.80 0.00 0.00	28.44 -0.03 0.00	29.17 -0.09 0.00	27.89 -0.10 0.00	28.89 -0.17 0.00	30.79 -0.20 0.00	32.13 -0.32 0.00	40.89 -0.44 0.00	31.62 -0.24 0.00	38.05 -0.07 0.00	34.45 0.05 0.00	30.44 0.00 0.00	28.44 0.01 0.00
BRANSCOMB___SOLAR 323811	19.41 0.87 0.00	18.88 0.85 0.00	15.48 0.75 0.00	15.27 0.74 0.00	14.87 0.73 0.00	15.75 0.76 0.00	18.18 0.84 0.00	19.88 0.85 0.00	21.84 0.76 0.00	21.51 0.73 0.00	23.11 0.89 -0.20	24.68 0.78 -2.10	29.58 1.11 0.00	30.46 1.20 0.00	29.32 1.32 0.00	30.46 1.39 0.00	32.53 1.54 0.00	34.23 1.76 0.00	44.02 2.69 0.00	33.77 1.91 0.00	40.39 2.27 0.00	36.43 2.04 0.00	32.11 1.69 0.00	29.80 1.37 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.66 1.87 -0.25	19.69 1.67 0.00	16.11 1.39 0.00	15.81 1.28 0.00	15.35 1.21 0.00	16.11 1.12 0.00	18.65 1.31 0.00	20.52 1.50 0.00	22.66 1.58 0.00	22.65 1.88 0.00	25.15 2.26 -0.87	33.94 2.29 -9.85	32.10 2.89 -0.74	35.71 2.99 -3.47	35.43 2.83 -4.61	31.70 2.63 0.00	37.75 2.64 -4.11	35.37 2.91 0.00	74.35 3.84 -29.17	50.70 3.03 -15.82	41.29 3.17 0.00	37.32 2.92 0.00	33.25 2.82 0.00	30.88 2.45 0.00
BRISTLHL_115KV_TB1 79998	18.12 -0.42 0.00	17.59 -0.43 0.00	14.36 -0.36 0.00	14.19 -0.35 0.00	13.80 -0.34 0.00	14.65 -0.35 0.00	16.96 -0.38 0.00	18.61 -0.40 0.00	20.70 -0.38 0.00	20.41 -0.36 0.00	21.62 -0.40 0.00	21.42 -0.37 0.00	27.98 -0.49 0.00	29.26 -0.45 -0.45	27.91 -0.49 -0.41	29.07 -0.51 -0.51	32.07 -0.52 -1.59	36.09 -0.45 -4.08	47.72 -0.57 -6.95	34.99 -0.44 -3.56	43.21 -0.58 -5.67	38.05 -0.55 -4.20	31.41 -0.50 -1.48	28.79 -0.46 -0.82
BROOKHAVEN___DRP 24191	20.58 1.79 -0.25	19.61 1.59 0.00	16.07 1.34 0.00	15.80 1.27 0.00	15.35 1.21 0.00	16.09 1.10 0.00	18.71 1.37 0.00	20.56 1.54 0.00	22.68 1.59 0.00	22.68 1.91 0.00	25.04 2.15 -0.87	33.77 2.12 -9.85	31.98 2.77 -0.74	35.70 2.97 -3.47	36.62 2.92 -5.72	31.80 2.73 0.00	53.39 2.75 -19.65	35.48 3.02 0.00	74.46 3.96 -29.17	50.78 3.10 -15.82	41.22 3.11 0.00	37.23 2.83 0.00	33.00 2.57 0.00	30.72 2.29 0.00
BROOKLYN_NAVY_YARD 23515	19.77 1.23 0.00	19.14 1.12 0.00	15.64 0.92 0.00	15.44 0.91 0.00	15.04 0.90 0.00	15.93 0.94 0.00	18.37 1.03 0.00	20.19 1.18 0.00	22.31 1.24 0.00	22.16 1.39 0.00	24.60 1.70 -0.88	32.86 1.71 -9.35	30.65 2.19 0.00	31.57 2.32 0.00	30.40 2.41 0.00	31.42 2.36 0.00	33.35 2.36 0.00	34.89 2.43 0.00	44.39 3.05 0.00	34.14 2.28 0.00	40.49 2.37 0.00	36.64 2.24 0.00	32.53 2.10 0.00	30.26 1.83 0.00
BROOKLYN___ARMY_DRP 323595	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.98 0.00	16.01 1.02 0.00	18.46 1.13 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.84 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.53 2.51 -18.76	35.30 2.57 -4.75	34.40 2.48 -2.85	35.62 2.47 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.57 -2.60	36.83 2.42 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00



BROOKVLE_69_KV_TB1 55790	20.37 1.58 -0.25	19.44 1.42 0.00	15.90 1.17 0.00	15.64 1.11 0.00	15.21 1.08 0.00	16.05 1.06 0.00	18.53 1.19 0.00	20.38 1.36 0.00	22.53 1.45 0.00	22.42 1.65 0.00	24.94 2.06 -0.87	33.77 2.12 -9.85	31.97 2.76 -0.74	35.64 2.91 -3.47	35.22 2.91 -4.32	31.86 2.79 0.00	33.85 2.86 0.00	35.51 3.05 0.00	74.43 3.93 -29.17	50.61 2.94 -15.82	41.23 3.11 0.00	37.25 2.85 0.00	32.98 2.55 0.00	30.63 2.20 0.00
BROOME_2_LFGE 323671	18.66 0.12 0.00	18.09 0.07 0.00	14.73 0.01 0.00	14.58 0.05 0.00	14.18 0.04 0.00	15.05 0.05 0.00	17.43 0.09 0.00	19.17 0.15 0.00	21.38 0.30 0.00	21.16 0.39 0.00	22.39 0.37 0.00	22.24 0.44 0.00	29.06 0.60 0.00	30.10 0.74 -0.09	28.61 0.53 -0.09	29.77 0.60 -0.11	31.97 0.64 -0.33	33.97 0.65 -0.86	43.50 0.69 -1.47	33.19 0.58 -0.76	39.92 0.61 -1.20	35.87 0.58 -0.89	31.25 0.51 -0.31	29.16 0.55 -0.17
BROOME___LFGE 323600	18.66 0.12 0.00	18.09 0.07 0.00	14.73 0.01 0.00	14.58 0.05 0.00	14.18 0.04 0.00	15.05 0.05 0.00	17.43 0.09 0.00	19.17 0.15 0.00	21.38 0.30 0.00	21.16 0.39 0.00	22.39 0.37 0.00	22.24 0.44 0.00	29.06 0.60 0.00	30.10 0.74 -0.09	28.61 0.53 -0.09	29.77 0.60 -0.11	31.97 0.64 -0.33	33.97 0.65 -0.86	43.50 0.69 -1.47	33.19 0.58 -0.76	39.92 0.61 -1.20	35.87 0.58 -0.89	31.25 0.51 -0.31	29.16 0.55 -0.17
BROWNFLS_115KV_TB_3_5 80003	18.13 -0.41 0.00	17.64 -0.39 0.00	14.41 -0.32 0.00	14.22 -0.31 0.00	13.87 -0.27 0.00	14.82 -0.18 0.00	17.20 -0.13 0.00	18.85 -0.17 0.00	20.90 -0.18 0.00	20.47 -0.30 0.00	21.77 -0.25 0.00	21.42 -0.38 0.00	27.73 -0.73 0.00	28.44 -0.91 -0.10	27.09 -0.99 -0.09	28.21 -0.97 -0.11	30.21 -1.11 -0.33	32.37 -0.94 -0.85	41.74 -1.05 -1.45	32.05 -0.55 -0.74	38.58 -0.72 -1.19	34.45 -0.82 -0.88	29.67 -1.07 -0.31	27.52 -1.08 -0.17
BROWNSV1_27_KV_LOAD 356125	20.04 1.50 0.00	19.40 1.37 0.00	15.84 1.12 0.00	15.63 1.10 0.00	15.22 1.08 0.00	16.12 1.13 0.00	18.60 1.26 0.00	20.45 1.44 0.00	22.63 1.55 0.00	22.47 1.71 0.00	24.95 2.05 -0.88	33.21 2.06 -9.35	31.13 2.66 0.00	32.08 2.83 0.00	30.87 2.88 0.00	31.92 2.86 0.00	33.90 2.90 0.00	35.45 2.99 0.00	45.12 3.78 0.00	34.69 2.83 0.00	41.15 3.03 0.00	37.23 2.83 0.00	33.02 2.59 0.00	30.72 2.29 0.00
BURROWS___LYONSDAL 23803	18.24 -0.30 0.00	17.72 -0.31 0.00	14.48 -0.25 0.00	14.30 -0.23 0.00	13.95 -0.19 0.00	14.92 -0.08 0.00	17.30 -0.04 0.00	18.96 -0.06 0.00	21.16 0.08 0.00	20.86 0.09 0.00	22.23 0.21 0.00	22.04 0.24 0.00	28.56 0.10 0.00	29.46 0.11 -0.09	28.05 0.00 -0.06	29.10 -0.05 -0.08	31.18 -0.06 -0.25	33.41 0.31 -0.64	42.90 0.47 -1.10	33.03 0.61 -0.56	39.59 0.58 -0.90	35.20 0.13 -0.66	30.40 -0.26 -0.23	28.22 -0.34 -0.13
CAITHNESS_CC_1 323624	20.54 1.75 -0.25	19.58 1.55 0.00	16.04 1.31 0.00	15.76 1.23 0.00	15.31 1.17 0.00	16.05 1.06 0.00	18.63 1.30 0.00	20.48 1.46 0.00	22.59 1.51 0.00	22.60 1.83 0.00	24.99 2.10 -0.87	33.72 2.08 -9.85	31.92 2.71 -0.74	35.62 2.89 -3.47	36.54 2.84 -5.71	31.72 2.66 0.00	53.21 2.67 -19.55	35.38 2.92 0.00	74.34 3.84 -29.17	50.68 3.01 -15.82	41.12 3.00 0.00	37.14 2.74 0.00	32.92 2.49 0.00	30.66 2.23 0.00
CALPINE BETH_PAGE_GT4 24209	20.41 1.62 -0.25	19.47 1.44 0.00	15.92 1.20 0.00	15.63 1.10 0.00	15.19 1.05 0.00	15.99 0.99 0.00	18.46 1.13 0.00	20.31 1.29 0.00	22.37 1.29 0.00	22.32 1.55 0.00	24.82 1.93 -0.87	33.63 1.98 -9.85	31.77 2.56 -0.74	35.42 2.70 -3.47	35.01 2.68 -4.34	31.60 2.53 0.00	33.82 2.56 -0.26	35.26 2.80 0.00	74.18 3.68 -29.17	50.45 2.78 -15.82	40.99 2.87 0.00	37.08 2.69 0.00	32.86 2.42 0.00	30.48 2.05 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.41 1.62 -0.25	19.47 1.44 0.00	15.92 1.20 0.00	15.63 1.10 0.00	15.19 1.05 0.00	15.99 0.99 0.00	18.46 1.13 0.00	20.31 1.29 0.00	22.37 1.29 0.00	22.32 1.55 0.00	24.82 1.93 -0.87	33.63 1.98 -9.85	31.77 2.56 -0.74	35.41 2.69 -3.47	35.01 2.68 -4.34	31.60 2.53 0.00	33.82 2.57 -0.26	35.26 2.80 0.00	74.17 3.67 -29.17	50.45 2.77 -15.82	40.98 2.87 0.00	37.08 2.68 0.00	32.86 2.42 0.00	30.48 2.05 0.00
CALPINE_BP_GT1 23823	20.41 1.62 -0.25	19.47 1.44 0.00	15.92 1.20 0.00	15.63 1.10 0.00	15.19 1.05 0.00	15.99 0.99 0.00	18.46 1.13 0.00	20.31 1.29 0.00	22.37 1.29 0.00	22.32 1.55 0.00	24.82 1.93 -0.87	33.63 1.98 -9.85	31.77 2.56 -0.74	35.41 2.69 -3.47	35.01 2.68 -4.34	31.60 2.53 0.00	33.82 2.57 -0.26	35.26 2.80 0.00	74.17 3.67 -29.17	50.45 2.77 -15.82	40.98 2.87 0.00	37.08 2.68 0.00	32.86 2.42 0.00	30.48 2.05 0.00
CALSPAN___DRP 24200	18.60 0.06 0.00	18.06 0.04 0.00	14.50 -0.22 0.00	14.36 -0.17 0.00	13.90 -0.24 0.00	14.70 -0.29 0.00	17.20 -0.13 0.00	18.99 -0.03 0.00	21.60 0.52 0.00	21.25 0.48 0.00	22.19 0.17 0.00	22.13 0.33 0.00	29.01 0.54 0.00	29.94 0.68 0.00	27.75 -0.23 0.00	28.80 -0.26 0.00	30.92 -0.08 0.00	32.20 -0.26 0.00	40.65 -0.69 0.00	31.26 -0.60 0.00	37.46 -0.66 0.00	34.12 -0.28 0.00	30.93 0.50 0.00	29.08 0.65 0.00
CALVERTON___SOLAR 323806	20.65 1.86 -0.25	19.67 1.65 0.00	16.13 1.40 0.00	15.86 1.33 0.00	15.41 1.28 0.00	16.15 1.16 0.00	18.79 1.46 0.00	20.66 1.65 0.00	22.79 1.71 0.00	22.80 2.02 0.00	25.16 2.27 -0.87	33.86 2.21 -9.85	32.11 2.90 -0.74	35.83 3.11 -3.47	36.76 3.05 -5.72	31.96 2.89 0.00	53.60 2.92 -19.69	35.66 3.20 0.00	74.69 4.19 -29.17	50.94 3.27 -15.82	41.40 3.29 0.00	37.39 2.99 0.00	33.13 2.70 0.00	30.85 2.42 0.00
CANDIGU_WT_PWR 323617	18.29 -0.25 0.00	17.77 -0.25 0.00	14.36 -0.36 0.00	14.24 -0.29 0.00	13.79 -0.34 0.00	14.69 -0.30 0.00	17.11 -0.22 0.00	18.90 -0.12 0.00	21.34 0.26 0.00	21.22 0.45 0.00	22.34 0.32 0.00	22.24 0.44 0.00	29.00 0.53 0.00	29.97 0.66 -0.05	28.01 -0.03 -0.05	29.06 -0.07 -0.06	31.13 -0.04 -0.18	32.75 -0.17 -0.46	41.67 -0.45 -0.79	32.15 -0.12 -0.40	38.61 -0.15 -0.65	34.95 0.07 -0.48	30.97 0.37 -0.17	29.13 0.61 -0.09
CARR STREET_E_SYR 24060	18.30 -0.24 0.00	17.77 -0.25 0.00	14.50 -0.22 0.00	14.32 -0.21 0.00	13.92 -0.21 0.00	14.77 -0.22 0.00	17.12 -0.22 0.00	18.80 -0.22 0.00	20.89 -0.19 0.00	20.56 -0.20 0.00	21.78 -0.24 0.00	21.62 -0.18 0.00	28.26 -0.21 0.00	29.27 -0.12 -0.13	27.89 -0.22 -0.12	29.01 -0.21 -0.15	31.30 -0.17 -0.47	33.56 -0.11 -1.22	43.22 -0.19 -2.07	32.75 -0.17 -1.06	39.52 -0.28 -1.69	35.37 -0.28 -1.25	30.62 -0.25 -0.44	28.44 -0.23 -0.24
CARTHAGE___PAPER 23857	17.80 -0.74 0.00	17.30 -0.72 0.00	14.14 -0.59 0.00	13.97 -0.57 0.00	13.65 -0.49 0.00	14.68 -0.31 0.00	17.05 -0.28 0.00	18.69 -0.33 0.00	20.93 -0.15 0.00	20.56 -0.21 0.00	21.86 -0.16 0.00	21.65 -0.15 0.00	27.80 -0.66 0.00	28.56 -0.89 -0.19	27.24 -0.91 -0.17	28.36 -0.92 -0.21	30.51 -1.14 -0.65	33.62 -0.52 -1.68	43.75 -0.44 -2.86	33.50 0.18 -1.47	40.58 0.14 -2.33	35.68 -0.45 -1.73	30.04 -1.00 -0.61	27.73 -1.05 -0.34

CASSADAGA_WT_PWR 323784	18.97 0.43 0.00	18.29 0.27 0.00	14.68 -0.04 0.00	14.60 0.06 0.00	14.13 -0.01 0.00	14.79 -0.20 0.00	17.34 0.00 0.00	19.35 0.33 0.00	22.15 1.07 0.00	21.82 1.05 0.00	22.79 0.77 0.00	22.58 0.78 0.00	29.50 1.03 0.00	30.39 1.13 0.00	28.08 0.09 0.00	29.40 0.33 0.00	31.59 0.60 0.00	33.00 0.54 0.00	41.67 0.33 0.00	32.14 0.28 0.00	38.36 0.24 0.00	35.05 0.65 0.00	31.62 1.18 0.00	29.13 0.70 0.00
CE_DUNWOOD___DRP 24194	19.70 1.16 0.00	19.08 1.06 0.00	15.60 0.88 0.00	15.40 0.86 0.00	15.00 0.86 0.00	15.88 0.89 0.00	18.31 0.97 0.00	20.11 1.09 0.00	22.22 1.14 0.00	22.05 1.28 0.00	24.52 1.57 -0.93	33.30 1.57 -9.93	30.48 2.02 0.00	31.38 2.12 0.00	30.17 2.18 0.00	31.24 2.17 0.00	33.18 2.19 0.00	34.75 2.29 0.00	44.29 2.96 0.00	34.05 2.19 0.00	40.43 2.32 0.00	36.55 2.16 0.00	32.38 1.95 0.00	30.11 1.68 0.00
CE_MILLWOOD___DRP 24193	19.66 1.12 0.00	19.04 1.02 0.00	15.57 0.85 0.00	15.37 0.83 0.00	14.97 0.83 0.00	15.85 0.86 0.00	18.27 0.94 0.00	20.07 1.05 0.00	22.17 1.09 0.00	21.99 1.22 0.00	24.49 1.50 -0.97	33.67 1.50 -10.37	30.39 1.93 0.00	31.29 2.03 0.00	30.08 2.09 0.00	31.15 2.08 0.00	33.09 2.10 0.00	34.66 2.20 0.00	44.18 2.85 0.00	33.97 2.11 0.00	40.36 2.24 0.00	36.47 2.08 0.00	32.30 1.87 0.00	30.04 1.61 0.00
CE_NYC2_DRP 24202	19.83 1.29 0.00	19.20 1.17 0.00	15.70 0.97 0.00	15.48 0.94 0.00	15.07 0.94 0.00	15.97 0.97 0.00	18.41 1.08 0.00	20.24 1.22 0.00	22.38 1.30 0.00	22.23 1.46 0.00	24.66 1.77 -0.88	32.90 1.76 -9.35	30.70 2.23 0.00	31.60 2.34 0.00	30.41 2.42 0.00	31.38 2.32 0.00	33.27 2.29 0.01	34.81 2.36 0.00	42.86 2.98 1.45	33.33 2.22 0.75	39.05 2.34 1.41	36.61 2.21 0.00	32.49 2.06 0.00	30.25 1.82 0.00
CE_NYC_DRP 24195	19.81 1.27 0.00	19.18 1.16 0.00	15.68 0.96 0.00	15.47 0.94 0.00	15.07 0.93 0.00	15.96 0.96 0.00	18.40 1.06 0.00	20.23 1.21 0.00	22.37 1.29 0.00	22.21 1.44 0.00	24.66 1.76 -0.88	32.92 1.77 -9.35	30.73 2.26 0.00	31.66 2.40 0.00	30.46 2.47 0.00	31.49 2.43 0.00	33.43 2.44 0.00	34.96 2.50 0.00	44.49 3.16 0.00	34.21 2.35 0.00	40.58 2.46 0.00	36.70 2.30 0.00	32.56 2.13 0.00	30.30 1.87 0.00
CHAFFEE___LFGE 323603	18.70 0.16 0.00	18.15 0.13 0.00	14.57 -0.15 0.00	14.43 -0.10 0.00	13.97 -0.17 0.00	14.79 -0.20 0.00	17.30 -0.04 0.00	19.10 0.08 0.00	21.72 0.64 0.00	21.38 0.61 0.00	22.33 0.31 0.00	22.29 0.49 0.00	29.22 0.76 0.00	30.20 0.94 0.00	28.01 0.02 0.00	29.07 0.01 0.00	31.21 0.22 0.00	32.54 0.07 0.00	41.11 -0.23 0.00	31.61 -0.25 0.00	37.88 -0.23 0.00	34.46 0.06 0.00	31.15 0.72 0.00	29.28 0.85 0.00
CHATEAUG_35_KV_LOAD 355732	19.19 0.64 0.00	18.64 0.62 0.00	15.20 0.48 0.00	14.94 0.41 0.00	14.52 0.39 0.00	15.21 0.22 0.00	17.60 0.26 0.00	19.30 0.28 0.00	21.38 0.30 0.00	21.07 0.30 0.00	22.37 0.35 0.00	22.06 0.27 0.00	28.61 0.15 0.00	29.32 0.06 0.00	27.91 -0.08 0.00	28.96 -0.10 0.00	30.72 -0.28 0.00	32.03 -0.43 0.00	40.37 -0.97 0.00	30.85 -1.01 0.00	37.48 -0.63 0.00	34.95 0.55 0.00	31.26 0.82 0.00	29.18 0.75 0.00
CHATEAUG_WT_PWR 323614	19.21 0.67 0.00	18.67 0.64 0.00	15.22 0.50 0.00	14.97 0.43 0.00	14.54 0.40 0.00	15.22 0.22 0.00	17.61 0.27 0.00	19.30 0.28 0.00	21.37 0.29 0.00	21.09 0.32 0.00	22.41 0.39 0.00	22.08 0.28 0.00	28.62 0.15 0.00	29.34 0.08 0.00	27.92 -0.07 0.00	29.01 -0.06 0.00	30.77 -0.22 0.00	32.07 -0.39 0.00	40.39 -0.94 0.00	30.84 -1.02 0.00	37.49 -0.62 0.00	34.96 0.57 0.00	31.29 0.86 0.00	29.20 0.77 0.00
CHAT_HIGH_FALL_HYD 323578	19.18 0.64 0.00	18.64 0.62 0.00	15.20 0.48 0.00	14.94 0.41 0.00	14.52 0.39 0.00	15.21 0.22 0.00	17.60 0.26 0.00	19.30 0.28 0.00	21.38 0.30 0.00	21.07 0.30 0.00	22.39 0.37 0.00	22.06 0.27 0.00	28.61 0.14 0.00	29.33 0.06 0.00	27.91 -0.08 0.00	28.96 -0.10 0.00	30.72 -0.28 0.00	32.03 -0.43 0.00	40.37 -0.97 0.00	30.85 -1.01 0.00	37.48 -0.63 0.00	34.95 0.55 0.00	31.26 0.82 0.00	29.17 0.75 0.00
CHAUTAUQUA___LFGE 323629	18.82 0.27 0.00	18.19 0.17 0.00	14.62 -0.10 0.00	14.52 -0.01 0.00	14.07 -0.07 0.00	14.82 -0.18 0.00	17.32 -0.02 0.00	19.21 0.19 0.00	21.90 0.81 0.00	21.60 0.83 0.00	22.57 0.55 0.00	22.47 0.67 0.00	29.41 0.94 0.00	30.38 1.12 0.00	28.12 0.13 0.00	29.33 0.26 0.00	31.46 0.47 0.00	32.78 0.32 0.00	41.36 0.03 0.00	31.90 0.05 0.00	38.12 0.01 0.00	34.79 0.39 0.00	31.32 0.89 0.00	29.21 0.78 0.00
CHERRYST_13_KV_LD 356241	19.87 1.33 0.00	19.24 1.22 0.00	15.73 1.00 0.00	15.52 0.99 0.00	15.11 0.98 0.00	16.01 1.02 0.00	18.47 1.13 0.00	20.31 1.29 0.00	22.46 1.38 0.00	22.31 1.54 0.00	24.77 1.87 -0.88	33.03 1.88 -9.35	30.88 2.42 0.00	31.82 2.56 0.00	30.61 2.62 0.00	31.65 2.58 0.00	33.59 2.60 0.00	35.13 2.67 0.00	44.69 3.36 0.00	34.34 2.48 0.00	40.73 2.62 0.00	36.84 2.44 0.00	32.68 2.25 0.00	30.41 1.98 0.00
CHESTROR_138KV_BK263 355645	19.43 0.89 0.00	18.83 0.81 0.00	15.40 0.67 0.00	15.20 0.67 0.00	14.80 0.66 0.00	15.69 0.69 0.00	18.09 0.75 0.00	19.85 0.83 0.00	21.93 0.85 0.00	21.72 0.95 0.00	22.45 1.18 0.76	14.92 1.18 8.05	29.98 1.51 0.00	30.88 1.62 0.00	29.66 1.67 0.00	30.76 1.69 0.00	32.71 1.71 0.00	34.29 1.83 0.00	43.71 2.37 0.00	33.62 1.77 0.00	39.98 1.87 0.00	36.13 1.73 0.00	31.96 1.53 0.00	29.73 1.31 0.00
CH_MIDHUDSON___DRP 24192	19.61 1.07 0.00	19.03 1.01 0.00	15.57 0.85 0.00	15.36 0.82 0.00	14.96 0.83 0.00	15.85 0.86 0.00	18.27 0.94 0.00	20.05 1.03 0.00	22.14 1.06 0.00	21.93 1.16 0.00	23.61 1.40 -0.19	25.20 1.40 -2.01	30.30 1.84 0.00	31.20 1.95 0.00	30.00 2.02 0.00	31.08 2.02 0.00	33.07 2.07 0.00	34.67 2.21 0.00	44.29 2.96 0.00	34.06 2.20 0.00	40.48 2.37 0.00	36.53 2.14 0.00	32.28 1.85 0.00	29.99 1.56 0.00
CH_MISC_IPPS 23765	19.74 1.20 0.00	19.14 1.12 0.00	15.65 0.93 0.00	15.44 0.91 0.00	15.04 0.90 0.00	15.94 0.95 0.00	18.39 1.05 0.00	20.19 1.17 0.00	22.35 1.27 0.00	22.15 1.38 0.00	23.65 1.63 0.00	23.42 1.62 0.00	30.61 2.15 0.00	31.55 2.29 0.00	30.34 2.36 0.00	31.42 2.35 0.00	33.40 2.40 0.00	35.03 2.57 0.00	44.69 3.35 0.00	34.36 2.50 0.00	40.83 2.71 0.00	36.84 2.44 0.00	32.54 2.11 0.00	30.24 1.81 0.00
CH_RES_BVR_FALLS 23983	18.49 -0.05 0.00	18.01 -0.02 0.00	14.69 -0.03 0.00	14.49 -0.04 0.00	14.09 -0.04 0.00	14.94 -0.06 0.00	17.30 -0.04 0.00	18.97 -0.05 0.00	21.01 -0.07 0.00	20.63 -0.14 0.00	21.85 -0.17 0.00	21.61 -0.19 0.00	28.21 -0.25 0.00	28.96 -0.29 0.00	27.71 -0.28 0.00	28.79 -0.27 0.00	30.69 -0.30 0.00	32.08 -0.38 0.00	40.81 -0.53 0.00	31.46 -0.40 0.00	37.74 -0.37 0.00	34.12 -0.27 0.00	30.21 -0.22 0.00	28.25 -0.18 0.00

CH_RES_NIAGARA 23895	18.13 -0.41 0.00	17.65 -0.37 0.00	14.16 -0.57 0.00	14.02 -0.52 0.00	13.54 -0.60 0.00	14.32 -0.67 0.00	16.77 -0.57 0.00	18.46 -0.56 0.00	21.00 -0.08 0.00	20.59 -0.18 0.00	21.41 -0.61 0.00	21.34 -0.46 0.00	27.97 -0.50 0.00	28.86 -0.40 0.00	26.51 -1.48 0.00	27.47 -1.60 0.00	29.47 -1.53 0.00	30.68 -1.78 0.00	38.76 -2.58 0.00	29.77 -2.09 0.00	35.78 -2.33 0.00	32.70 -1.70 0.00	29.92 -0.51 0.00	28.20 -0.23 0.00
CH_RES_SYRACUSE 23985	18.39 -0.15 0.00	17.85 -0.18 0.00	14.56 -0.16 0.00	14.38 -0.16 0.00	13.98 -0.16 0.00	14.84 -0.15 0.00	17.19 -0.14 0.00	18.90 -0.12 0.00	21.02 -0.06 0.00	20.74 -0.03 0.00	21.98 -0.04 0.00	21.83 0.03 0.00	28.54 0.07 0.00	29.67 0.16 -0.25	28.31 0.09 -0.23	29.39 0.04 -0.29	31.99 0.11 -0.88	34.94 0.21 -2.27	45.43 0.22 -3.87	34.00 0.16 -1.99	41.38 0.10 -3.16	36.77 0.03 -2.34	31.28 0.02 -0.83	28.89 0.00 -0.46
CLINTON_WT_PWR 323605	19.21 0.67 0.00	18.67 0.64 0.00	15.22 0.50 0.00	14.97 0.43 0.00	14.54 0.40 0.00	15.22 0.22 0.00	17.61 0.27 0.00	19.30 0.28 0.00	21.37 0.29 0.00	21.09 0.32 0.00	22.41 0.39 0.00	22.08 0.28 0.00	28.62 0.15 0.00	29.34 0.08 0.00	27.92 -0.07 0.00	29.01 -0.06 0.00	30.77 -0.22 0.00	32.07 -0.39 0.00	40.39 -0.94 0.00	30.84 -1.02 0.00	37.49 -0.62 0.00	34.96 0.57 0.00	31.29 0.86 0.00	29.20 0.77 0.00
CLINTON___LFGE 323618	19.44 0.90 0.00	18.89 0.87 0.00	15.40 0.68 0.00	15.14 0.60 0.00	14.70 0.56 0.00	15.40 0.41 0.00	17.85 0.51 0.00	19.56 0.55 0.00	21.66 0.57 0.00	21.38 0.61 0.00	22.71 0.69 0.00	22.36 0.56 0.00	28.94 0.48 0.00	29.68 0.43 0.00	28.28 0.29 0.00	29.37 0.30 0.00	31.17 0.17 0.00	32.60 0.14 0.00	41.13 -0.21 0.00	31.36 -0.50 0.00	38.08 -0.04 0.00	35.55 1.16 0.00	31.76 1.32 0.00	29.59 1.16 0.00
COBBLENY_34_KV_TB1 80064	18.69 0.16 0.00	18.15 0.13 0.00	14.57 -0.15 0.00	14.43 -0.10 0.00	13.97 -0.17 0.00	14.79 -0.20 0.00	17.30 -0.04 0.00	19.10 0.08 0.00	21.73 0.64 0.00	21.38 0.61 0.00	22.34 0.32 0.00	22.29 0.49 0.00	29.22 0.75 0.00	30.18 0.91 0.00	28.00 0.01 0.00	29.07 0.00 0.00	31.21 0.22 0.00	32.53 0.07 0.00	41.09 -0.25 0.00	31.59 -0.26 0.00	37.87 -0.25 0.00	34.46 0.06 0.00	31.15 0.72 0.00	29.28 0.85 0.00
COFFEEN___115KV_TB3 355620	17.81 -0.73 0.00	17.29 -0.73 0.00	14.13 -0.60 0.00	13.96 -0.58 0.00	13.63 -0.50 0.00	14.67 -0.32 0.00	17.04 -0.30 0.00	18.70 -0.32 0.00	21.00 -0.07 0.00	20.66 -0.11 0.00	21.98 -0.04 0.00	21.80 0.00 0.00	27.87 -0.60 0.00	28.68 -0.80 -0.23	27.36 -0.83 -0.20	28.47 -0.85 -0.25	30.64 -1.14 -0.78	33.98 -0.48 -2.00	44.36 -0.38 -3.42	33.95 0.34 -1.75	41.35 0.45 -2.79	36.23 -0.23 -2.06	30.33 -0.83 -0.73	27.93 -0.91 -0.41
COLDSPRG_115KV_BK1 355956	19.13 0.59 0.00	18.48 0.46 0.00	14.86 0.14 0.00	14.77 0.24 0.00	14.32 0.18 0.00	15.10 0.11 0.00	17.68 0.34 0.00	19.64 0.62 0.00	22.36 1.28 0.00	21.96 1.19 0.00	22.96 0.94 0.00	22.80 1.00 0.00	29.85 1.38 0.00	30.76 1.50 0.00	28.59 0.61 0.00	29.76 0.70 0.00	31.92 0.92 0.00	33.37 0.91 0.00	42.11 0.78 0.00	32.42 0.56 0.00	38.72 0.61 0.00	35.26 0.86 0.00	31.66 1.23 0.00	29.56 1.14 0.00
COLONIE_LFGE___ 323577	19.23 0.69 0.00	18.73 0.70 0.00	15.38 0.66 0.00	15.19 0.66 0.00	14.79 0.65 0.00	15.66 0.67 0.00	18.02 0.69 0.00	19.71 0.69 0.00	21.70 0.62 0.00	21.37 0.60 0.00	22.97 0.75 -0.20	24.65 0.67 -2.18	29.34 0.88 0.00	30.18 0.92 0.00	29.01 1.02 0.00	30.06 1.00 0.00	32.05 1.05 0.00	33.61 1.15 0.00	43.14 1.81 0.00	33.14 1.29 0.00	39.68 1.56 0.00	35.78 1.38 0.00	31.62 1.19 0.00	29.36 0.93 0.00
COOPERNY_115KV_TB1 80082	19.20 0.66 0.00	18.62 0.60 0.00	15.22 0.49 0.00	15.02 0.49 0.00	14.62 0.49 0.00	15.50 0.51 0.00	17.88 0.55 0.00	19.63 0.61 0.00	21.71 0.63 0.00	21.49 0.72 0.00	22.63 0.89 0.28	19.68 0.90 3.01	29.62 1.16 0.00	30.50 1.24 0.00	29.26 1.27 0.00	30.36 1.29 0.00	32.30 1.31 0.00	33.85 1.39 0.00	43.13 1.79 0.00	33.20 1.34 0.00	39.53 1.41 0.00	35.71 1.31 0.00	31.59 1.16 0.00	29.42 0.99 0.00
COPENHAGEN_WT_PWR 323753	17.49 -1.05 0.00	17.00 -1.02 0.00	13.90 -0.82 0.00	13.74 -0.80 0.00	13.43 -0.71 0.00	14.48 -0.52 0.00	16.79 -0.54 0.00	18.42 -0.59 0.00	20.69 -0.39 0.00	20.43 -0.34 0.00	21.75 -0.27 0.00	21.58 -0.22 0.00	27.62 -0.84 0.00	28.38 -1.11 -0.23	27.10 -1.10 -0.21	28.20 -1.13 -0.26	30.40 -1.41 -0.81	33.85 -0.70 -2.09	44.14 -0.76 -3.56	33.67 -0.01 -1.83	40.87 -0.15 -2.91	35.67 -0.88 -2.15	29.77 -1.42 -0.76	27.43 -1.42 -0.42
CORNELL___ 23752	18.81 0.27 0.00	18.24 0.22 0.00	14.86 0.14 0.00	14.68 0.15 0.00	14.28 0.14 0.00	15.16 0.17 0.00	17.58 0.25 0.00	19.36 0.34 0.00	21.54 0.46 0.00	21.24 0.46 0.00	22.46 0.44 0.00	22.28 0.48 0.00	29.13 0.66 0.00	30.23 0.83 -0.14	28.87 0.76 -0.12	29.96 0.74 -0.15	32.32 0.85 -0.48	34.71 1.02 -1.23	44.73 1.29 -2.10	34.01 1.07 -1.08	41.08 1.25 -1.71	36.71 1.04 -1.27	31.78 0.90 -0.45	29.53 0.85 -0.25
CORONA_AV_69_KV_TB1 355595	20.41 1.62 -0.25	19.48 1.45 0.00	15.93 1.20 0.00	15.66 1.13 0.00	15.22 1.08 0.00	16.05 1.06 0.00	18.51 1.18 0.00	20.34 1.32 0.00	22.45 1.37 0.00	22.39 1.62 0.00	24.93 2.04 -0.87	33.74 2.09 -9.85	31.89 2.68 -0.74	35.50 2.78 -3.47	35.07 2.76 -4.32	31.74 2.67 0.00	33.71 2.71 0.00	35.40 2.94 0.00	74.32 3.82 -29.17	50.58 2.91 -15.82	41.22 3.11 0.00	37.31 2.92 0.00	33.04 2.61 0.00	30.71 2.28 0.00
CORTLAND_115KV_TB3 80093	18.66 0.12 0.00	18.10 0.07 0.00	14.76 0.03 0.00	14.59 0.05 0.00	14.19 0.05 0.00	15.06 0.07 0.00	17.45 0.12 0.00	19.19 0.17 0.00	21.35 0.27 0.00	21.06 0.29 0.00	22.30 0.28 0.00	22.14 0.34 0.00	28.93 0.47 0.00	29.99 0.59 -0.14	28.62 0.51 -0.13	29.74 0.51 -0.16	32.08 0.59 -0.49	34.43 0.69 -1.27	44.39 0.88 -2.17	33.69 0.72 -1.12	40.69 0.81 -1.77	36.42 0.71 -1.31	31.47 0.57 -0.46	29.21 0.52 -0.26
COXSACKIE___GT 23611	19.65 1.11 0.00	19.11 1.09 0.00	15.67 0.95 0.00	15.47 0.94 0.00	15.07 0.93 0.00	16.07 1.08 0.00	18.65 1.31 0.00	20.42 1.41 0.00	22.46 1.38 0.00	21.83 1.06 0.00	23.20 1.03 -0.15	24.32 0.91 -1.61	29.71 1.25 0.00	30.65 1.39 0.00	29.29 1.30 0.00	30.51 1.44 0.00	32.74 1.75 0.00	34.60 2.14 0.00	44.57 3.23 0.00	34.38 2.52 0.00	41.27 3.16 0.00	37.12 2.72 0.00	32.70 2.27 0.00	30.35 1.92 0.00
CPV_VALLEY___CC1 323721	19.28 0.74 0.00	18.69 0.67 0.00	15.29 0.56 0.00	15.09 0.55 0.00	14.69 0.55 0.00	15.58 0.58 0.00	17.95 0.62 0.00	19.70 0.68 0.00	21.77 0.69 0.00	21.56 0.79 0.00	22.57 1.00 0.45	17.96 1.00 4.84	29.75 1.28 0.00	30.62 1.36 0.00	29.40 1.41 0.00	30.48 1.41 0.00	32.42 1.42 0.00	33.97 1.51 0.00	43.30 1.96 0.00	33.31 1.45 0.00	39.62 1.51 0.00	35.81 1.41 0.00	31.68 1.25 0.00	29.48 1.05 0.00

CPV_VALLEY___CC2 323722	19.28 0.74 0.00	18.69 0.67 0.00	15.29 0.56 0.00	15.09 0.55 0.00	14.69 0.55 0.00	15.58 0.58 0.00	17.95 0.62 0.00	19.70 0.68 0.00	21.77 0.69 0.00	21.56 0.79 0.00	22.57 1.00 0.45	17.96 1.00 4.84	29.75 1.28 0.00	30.62 1.36 0.00	29.40 1.41 0.00	30.48 1.41 0.00	32.42 1.42 0.00	33.97 1.51 0.00	43.30 1.96 0.00	33.31 1.45 0.00	39.62 1.51 0.00	35.81 1.41 0.00	31.68 1.25 0.00	29.48 1.05 0.00
CRESCENT___HYD 24018	19.23 0.69 0.00	18.73 0.70 0.00	15.38 0.66 0.00	15.19 0.66 0.00	14.79 0.65 0.00	15.66 0.67 0.00	18.02 0.69 0.00	19.71 0.69 0.00	21.70 0.62 0.00	21.37 0.60 0.00	22.97 0.75 -0.20	24.65 0.67 -2.18	29.34 0.88 0.00	30.18 0.92 0.00	29.01 1.02 0.00	30.06 1.00 0.00	32.05 1.05 0.00	33.61 1.15 0.00	43.14 1.81 0.00	33.14 1.29 0.00	39.68 1.56 0.00	35.78 1.38 0.00	31.62 1.19 0.00	29.36 0.93 0.00
CRICKET___VALLEY_CC1 323756	19.37 0.83 0.00	18.86 0.84 0.00	15.46 0.73 0.00	15.24 0.71 0.00	14.86 0.72 0.00	15.74 0.74 0.00	18.12 0.78 0.00	19.84 0.82 0.00	21.86 0.78 0.00	21.61 0.84 0.00	23.45 1.04 -0.39	27.01 1.00 -4.21	29.76 1.30 0.00	30.61 1.35 0.00	29.45 1.45 0.00	30.52 1.46 0.00	32.47 1.48 0.00	34.07 1.61 0.00	43.71 2.37 0.00	33.62 1.76 0.00	39.99 1.87 0.00	36.05 1.65 0.00	31.79 1.36 0.00	29.50 1.07 0.00
CRICKET___VALLEY_CC2 323757	19.37 0.83 0.00	18.86 0.84 0.00	15.46 0.73 0.00	15.24 0.71 0.00	14.86 0.72 0.00	15.74 0.74 0.00	18.12 0.78 0.00	19.84 0.82 0.00	21.86 0.78 0.00	21.61 0.84 0.00	23.45 1.04 -0.39	27.01 1.00 -4.21	29.76 1.30 0.00	30.61 1.35 0.00	29.45 1.45 0.00	30.52 1.46 0.00	32.47 1.48 0.00	34.07 1.61 0.00	43.71 2.37 0.00	33.62 1.76 0.00	39.99 1.87 0.00	36.05 1.65 0.00	31.79 1.36 0.00	29.50 1.07 0.00
CRICKET___VALLEY_CC3 323758	19.37 0.83 0.00	18.86 0.84 0.00	15.46 0.73 0.00	15.24 0.71 0.00	14.86 0.72 0.00	15.74 0.74 0.00	18.12 0.78 0.00	19.84 0.82 0.00	21.86 0.78 0.00	21.61 0.84 0.00	23.45 1.04 -0.39	27.01 1.00 -4.21	29.76 1.30 0.00	30.61 1.35 0.00	29.45 1.45 0.00	30.52 1.46 0.00	32.47 1.48 0.00	34.07 1.61 0.00	43.71 2.37 0.00	33.62 1.76 0.00	39.99 1.87 0.00	36.05 1.65 0.00	31.79 1.36 0.00	29.50 1.07 0.00
CRUCIBLE_METL_DRP 24180	18.39 -0.15 0.00	17.85 -0.18 0.00	14.56 -0.16 0.00	14.38 -0.16 0.00	13.98 -0.16 0.00	14.84 -0.15 0.00	17.19 -0.14 0.00	18.90 -0.12 0.00	21.02 -0.06 0.00	20.74 -0.03 0.00	22.00 -0.02 0.00	21.83 0.03 0.00	28.54 0.07 0.00	29.67 0.16 -0.25	28.31 0.09 -0.23	29.39 0.04 -0.29	31.99 0.11 -0.88	34.94 0.21 -2.27	45.43 0.22 -3.87	34.00 0.16 -1.99	41.38 0.10 -3.16	36.77 0.03 -2.34	31.28 0.02 -0.83	28.89 0.00 -0.46
DAHOWA___HYDRO 323763	19.45 0.91 0.00	18.90 0.88 0.00	15.49 0.77 0.00	15.29 0.75 0.00	14.88 0.74 0.00	15.77 0.77 0.00	18.21 0.87 0.00	19.92 0.90 0.00	21.88 0.80 0.00	21.55 0.78 0.00	23.15 0.94 -0.20	24.72 0.83 -2.09	29.65 1.19 0.00	30.54 1.28 0.00	29.42 1.43 0.00	30.59 1.53 0.00	32.71 1.72 0.00	34.43 1.97 0.00	44.31 2.98 0.00	33.94 2.08 0.00	40.57 2.45 0.00	36.60 2.20 0.00	32.25 1.81 0.00	29.89 1.46 0.00
DANC___LFGE 323619	17.75 -0.79 0.00	17.24 -0.78 0.00	14.09 -0.63 0.00	13.92 -0.61 0.00	13.58 -0.56 0.00	14.55 -0.45 0.00	16.87 -0.47 0.00	18.51 -0.51 0.00	20.70 -0.38 0.00	20.43 -0.34 0.00	21.68 -0.34 0.00	21.50 -0.29 0.00	27.74 -0.73 0.00	28.68 -0.86 -0.28	27.34 -0.91 -0.26	28.45 -0.94 -0.32	30.89 -1.11 -1.00	34.38 -0.65 -2.57	44.99 -0.72 -4.38	33.89 -0.21 -2.24	41.34 -0.34 -3.57	36.31 -0.74 -2.65	30.32 -1.05 -0.93	27.92 -1.03 -0.52
DANSKAMMER___1 23586	19.74 1.20 0.00	19.14 1.12 0.00	15.65 0.93 0.00	15.44 0.91 0.00	15.04 0.90 0.00	15.94 0.95 0.00	18.39 1.05 0.00	20.19 1.17 0.00	22.35 1.27 0.00	22.15 1.38 0.00	23.65 1.63 0.00	23.42 1.62 0.00	30.61 2.15 0.00	31.55 2.29 0.00	30.34 2.36 0.00	31.42 2.35 0.00	33.40 2.40 0.00	35.03 2.57 0.00	44.69 3.35 0.00	34.36 2.50 0.00	40.83 2.71 0.00	36.84 2.44 0.00	32.54 2.11 0.00	30.24 1.81 0.00
DANSKAMMER___2 23589	19.74 1.20 0.00	19.14 1.12 0.00	15.65 0.93 0.00	15.44 0.91 0.00	15.04 0.90 0.00	15.94 0.95 0.00	18.39 1.05 0.00	20.19 1.17 0.00	22.35 1.27 0.00	22.15 1.38 0.00	23.65 1.63 0.00	23.42 1.62 0.00	30.61 2.15 0.00	31.55 2.29 0.00	30.34 2.36 0.00	31.42 2.35 0.00	33.40 2.40 0.00	35.03 2.57 0.00	44.69 3.35 0.00	34.36 2.50 0.00	40.83 2.71 0.00	36.84 2.44 0.00	32.54 2.11 0.00	30.24 1.81 0.00
DANSKAMMER___3 23590	19.74 1.20 0.00	19.14 1.12 0.00	15.65 0.93 0.00	15.44 0.91 0.00	15.04 0.90 0.00	15.94 0.95 0.00	18.39 1.05 0.00	20.19 1.17 0.00	22.35 1.27 0.00	22.15 1.38 0.00	23.65 1.63 0.00	23.42 1.62 0.00	30.61 2.15 0.00	31.55 2.29 0.00	30.34 2.36 0.00	31.42 2.35 0.00	33.40 2.40 0.00	35.03 2.57 0.00	44.69 3.35 0.00	34.36 2.50 0.00	40.83 2.71 0.00	36.84 2.44 0.00	32.54 2.11 0.00	30.24 1.81 0.00
DANSKAMMER___4 23591	19.74 1.20 0.00	19.14 1.12 0.00	15.65 0.93 0.00	15.44 0.91 0.00	15.04 0.90 0.00	15.94 0.95 0.00	18.39 1.05 0.00	20.19 1.17 0.00	22.35 1.27 0.00	22.15 1.38 0.00	23.65 1.63 0.00	23.42 1.62 0.00	30.61 2.15 0.00	31.55 2.29 0.00	30.34 2.36 0.00	31.42 2.35 0.00	33.40 2.40 0.00	35.03 2.57 0.00	44.69 3.35 0.00	34.36 2.50 0.00	40.83 2.71 0.00	36.84 2.44 0.00	32.54 2.11 0.00	30.24 1.81 0.00
DANSKAMMER___DIESEL 23592	19.74 1.20 0.00	19.14 1.12 0.00	15.65 0.93 0.00	15.44 0.91 0.00	15.04 0.90 0.00	15.94 0.94 0.00	18.39 1.05 0.00	20.19 1.17 0.00	22.35 1.27 0.00	22.15 1.38 0.00	23.65 1.63 0.00	23.43 1.63 0.00	30.61 2.15 0.00	31.55 2.29 0.00	30.34 2.36 0.00	31.42 2.35 0.00	33.40 2.40 0.00	35.03 2.57 0.00	44.69 3.35 0.00	34.37 2.51 0.00	40.82 2.71 0.00	36.84 2.44 0.00	32.54 2.11 0.00	30.24 1.81 0.00
DARBY___SOLAR 323810	19.42 0.89 0.00	18.88 0.85 0.00	15.48 0.75 0.00	15.27 0.74 0.00	14.87 0.73 0.00	15.75 0.76 0.00	18.18 0.85 0.00	19.88 0.86 0.00	21.86 0.78 0.00	21.52 0.75 0.00	23.11 0.89 -0.20	24.69 0.78 -2.10	29.58 1.11 0.00	30.46 1.20 0.00	29.32 1.33 0.00	30.48 1.41 0.00	32.56 1.57 0.00	34.26 1.80 0.00	44.05 2.72 0.00	33.78 1.92 0.00	40.39 2.27 0.00	36.44 2.04 0.00	32.13 1.70 0.00	29.81 1.37 0.00
DASHVILLE___HYD 23610	19.46 0.92 0.00	18.87 0.85 0.00	15.43 0.71 0.00	15.22 0.69 0.00	14.83 0.69 0.00	15.71 0.71 0.00	18.11 0.77 0.00	19.87 0.86 0.00	21.97 0.89 0.00	21.79 1.02 0.00	23.35 1.33 0.00	23.15 1.35 0.00	30.20 1.74 0.00	31.13 1.87 0.00	29.92 1.93 0.00	30.97 1.91 0.00	32.88 1.89 0.00	34.46 2.00 0.00	43.94 2.61 0.00	33.79 1.93 0.00	40.10 1.99 0.00	36.20 1.81 0.00	32.00 1.57 0.00	29.73 1.30 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	21.13 2.34 -0.25	20.11 2.09 0.00	16.48 1.76 0.00	16.21 1.68 0.00	15.76 1.62 0.00	16.51 1.51 0.00	19.26 1.93 0.00	21.21 2.19 0.00	23.45 2.37 0.00	23.51 2.74 0.00	25.94 3.05 -0.87	34.63 2.98 -9.85	33.15 3.94 -0.74	36.99 4.26 -3.47	37.86 4.15 -5.73	33.12 4.05 0.00	54.84 4.10 -19.75	36.86 4.40 0.00	76.16 5.66 -29.17	52.03 4.36 -15.82	42.63 4.52 0.00	38.42 4.02 0.00	34.03 3.60 0.00	31.75 3.32 0.00
DELAWARE___LFGE 323621	19.09 0.55 0.00	18.52 0.49 0.00	15.11 0.39 0.00	14.92 0.39 0.00	14.53 0.39 0.00	15.42 0.42 0.00	17.84 0.50 0.00	19.58 0.57 0.00	21.73 0.65 0.00	21.47 0.70 0.00	22.81 0.79 0.00	22.60 0.80 0.00	29.52 1.05 0.00	30.45 1.14 -0.05	29.13 1.10 -0.04	30.25 1.13 -0.05	32.31 1.16 -0.16	34.11 1.23 -0.42	43.60 1.55 -0.72	33.45 1.22 -0.37	40.07 1.37 -0.58	36.06 1.22 -0.43	31.65 1.07 -0.15	29.46 0.94 -0.09
DERFIELD_115KV_TB7 355931	18.50 -0.04 0.00	17.97 -0.05 0.00	14.69 -0.03 0.00	14.50 -0.03 0.00	14.12 -0.02 0.00	14.98 -0.02 0.00	17.32 -0.02 0.00	18.99 -0.04 0.00	21.06 -0.03 0.00	20.77 0.00 0.00	22.03 0.01 0.00	21.82 0.02 0.00	28.49 0.03 0.00	29.26 0.00 0.00	27.99 0.01 0.00	29.07 0.00 0.00	31.00 0.00 0.00	32.50 0.04 0.00	41.42 0.08 0.00	31.92 0.06 0.00	38.15 0.04 0.00	34.39 -0.01 0.00	30.40 -0.04 0.00	28.37 -0.06 0.00
DOGLEVILLE___HYD 23807	18.17 -0.37 0.00	17.62 -0.40 0.00	14.47 -0.26 0.00	14.27 -0.26 0.00	13.92 -0.22 0.00	14.73 -0.27 0.00	16.98 -0.36 0.00	18.59 -0.43 0.00	20.42 -0.65 0.00	20.13 -0.64 0.00	21.51 -0.51 0.00	21.34 -0.46 0.00	27.94 -0.52 0.00	28.81 -0.45 0.00	27.76 -0.23 0.00	28.69 -0.37 0.00	30.66 -0.33 0.00	32.33 -0.13 0.00	41.56 0.22 0.00	32.03 0.17 0.00	38.32 0.21 0.00	34.47 0.08 0.00	30.25 -0.18 0.00	28.12 -0.31 0.00
DUNKIRK___115KV_TB_200 55889	18.79 0.25 0.00	18.17 0.15 0.00	14.61 -0.12 0.00	14.51 -0.03 0.00	14.05 -0.08 0.00	14.81 -0.18 0.00	17.32 -0.02 0.00	19.19 0.17 0.00	21.86 0.77 0.00	21.56 0.79 0.00	22.53 0.51 0.00	22.44 0.64 0.00	29.37 0.91 0.00	30.32 1.06 0.00	28.10 0.11 0.00	29.31 0.25 0.00	31.43 0.44 0.00	32.75 0.29 0.00	41.30 -0.03 0.00	31.84 -0.02 0.00	38.06 -0.05 0.00	34.72 0.33 0.00	31.27 0.83 0.00	29.21 0.78 0.00
DUNKIRK___1 23563	18.79 0.25 0.00	18.17 0.15 0.00	14.61 -0.12 0.00	14.51 -0.03 0.00	14.05 -0.08 0.00	14.81 -0.18 0.00	17.32 -0.02 0.00	19.19 0.17 0.00	21.86 0.77 0.00	21.56 0.79 0.00	22.53 0.51 0.00	22.44 0.64 0.00	29.37 0.91 0.00	30.32 1.06 0.00	28.10 0.11 0.00	29.31 0.25 0.00	31.43 0.44 0.00	32.75 0.29 0.00	41.30 -0.03 0.00	31.84 -0.02 0.00	38.06 -0.05 0.00	34.72 0.33 0.00	31.27 0.83 0.00	29.21 0.78 0.00
DUNKIRK___2 23564	18.79 0.25 0.00	18.17 0.15 0.00	14.61 -0.12 0.00	14.51 -0.03 0.00	14.05 -0.08 0.00	14.81 -0.18 0.00	17.32 -0.02 0.00	19.19 0.17 0.00	21.86 0.77 0.00	21.56 0.79 0.00	22.53 0.51 0.00	22.44 0.64 0.00	29.37 0.91 0.00	30.32 1.06 0.00	28.10 0.11 0.00	29.31 0.25 0.00	31.43 0.44 0.00	32.75 0.29 0.00	41.30 -0.03 0.00	31.84 -0.02 0.00	38.06 -0.05 0.00	34.72 0.33 0.00	31.27 0.83 0.00	29.21 0.78 0.00
DUNKIRK___3 23565	18.69 0.15 0.00	18.09 0.07 0.00	14.55 -0.18 0.00	14.44 -0.09 0.00	13.99 -0.15 0.00	14.77 -0.22 0.00	17.26 -0.08 0.00	19.09 0.08 0.00	21.72 0.64 0.00	21.42 0.65 0.00	22.38 0.36 0.00	22.30 0.50 0.00	29.21 0.74 0.00	30.16 0.90 0.00	27.98 -0.01 0.00	29.15 0.08 0.00	31.25 0.26 0.00	32.55 0.09 0.00	41.05 -0.28 0.00	31.63 -0.23 0.00	37.82 -0.29 0.00	34.48 0.08 0.00	31.07 0.64 0.00	29.13 0.70 0.00
DUNKIRK___4 23566	18.69 0.15 0.00	18.09 0.07 0.00	14.55 -0.18 0.00	14.44 -0.09 0.00	13.99 -0.15 0.00	14.77 -0.22 0.00	17.26 -0.08 0.00	19.09 0.08 0.00	21.72 0.64 0.00	21.42 0.65 0.00	22.38 0.36 0.00	22.30 0.50 0.00	29.21 0.74 0.00	30.16 0.90 0.00	27.98 -0.01 0.00	29.15 0.08 0.00	31.25 0.26 0.00	32.55 0.09 0.00	41.05 -0.28 0.00	31.63 -0.23 0.00	37.82 -0.29 0.00	34.48 0.08 0.00	31.07 0.64 0.00	29.13 0.70 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.75 1.21 0.00	19.13 1.11 0.00	15.64 0.92 0.00	15.43 0.90 0.00	15.03 0.89 0.00	15.91 0.92 0.00	18.36 1.02 0.00	20.17 1.15 0.00	22.29 1.21 0.00	22.12 1.35 0.00	24.54 1.64 -0.88	32.78 1.64 -9.34	30.58 2.12 0.00	31.50 2.24 0.00	30.27 2.28 0.00	31.33 2.26 0.00	33.28 2.29 0.00	34.84 2.38 0.00	44.40 3.06 0.00	34.14 2.28 0.00	40.53 2.41 0.00	36.64 2.25 0.00	32.47 2.04 0.00	30.21 1.78 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.57 1.03 0.00	18.96 0.94 0.00	15.50 0.78 0.00	15.30 0.76 0.00	14.90 0.76 0.00	15.79 0.80 0.00	18.21 0.87 0.00	19.99 0.97 0.00	22.10 1.02 0.00	21.90 1.13 0.00	23.19 1.38 0.21	20.94 1.37 2.23	30.25 1.79 0.00	31.17 1.91 0.00	29.95 1.96 0.00	31.04 1.97 0.00	33.01 2.02 0.00	34.61 2.15 0.00	44.14 2.81 0.00	33.95 2.09 0.00	40.35 2.23 0.00	36.44 2.04 0.00	32.22 1.79 0.00	29.96 1.53 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.81 1.27 0.00	19.17 1.15 0.00	15.68 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.39 1.06 0.00	20.19 1.17 0.00	22.30 1.22 0.00	22.14 1.37 0.00	24.57 1.67 -0.88	32.82 1.68 -9.35	30.61 2.15 0.00	31.54 2.28 0.00	30.36 2.38 0.00	31.33 2.27 0.00	33.27 2.29 0.01	34.82 2.37 0.00	44.39 3.06 0.01	34.16 2.30 0.00	40.54 2.43 0.01	36.64 2.25 0.00	32.51 2.07 0.00	30.26 1.83 0.00
E179THST_13_KV_LOAD 356214	19.92 1.38 0.00	19.28 1.25 0.00	15.76 1.04 0.00	15.54 1.01 0.00	15.13 1.00 0.00	16.03 1.03 0.00	18.49 1.15 0.00	20.30 1.28 0.00	22.43 1.35 0.00	22.28 1.50 0.00	24.71 1.81 -0.88	32.96 1.82 -9.35	30.81 2.35 0.00	31.74 2.48 0.00	30.56 2.57 0.00	31.54 2.48 0.00	33.51 2.52 0.01	35.06 2.61 0.00	44.69 3.36 0.01	34.39 2.53 0.00	40.81 2.70 0.01	36.90 2.50 0.00	32.72 2.29 0.00	30.45 2.02 0.00
EAST HAMPTON___GT 23717	21.45 2.66 -0.25	20.40 2.38 0.00	16.71 1.99 0.00	16.44 1.91 0.00	15.98 1.84 0.00	16.75 1.75 0.00	19.57 2.23 0.00	21.55 2.53 0.00	23.85 2.77 0.00	23.95 3.18 0.00	26.46 3.57 -0.87	35.09 3.43 -9.85	33.74 4.54 -0.74	37.65 4.92 -3.47	38.51 4.80 -5.73	33.83 4.76 0.00	55.47 4.73 -19.75	37.43 4.96 0.00	76.85 6.35 -29.17	52.59 4.91 -15.82	43.31 5.19 0.00	38.96 4.56 0.00	34.56 4.12 0.00	32.38 3.95 0.00
EAST RIVER___6 23660	19.85 1.31 0.00	19.22 1.19 0.00	15.70 0.98 0.00	15.50 0.97 0.00	15.08 0.94 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.27 1.25 0.00	22.41 1.33 0.00	22.26 1.49 0.00	24.69 1.80 -0.88	32.92 1.77 -9.35	30.75 2.28 0.00	31.67 2.41 0.00	30.48 2.49 0.00	31.55 2.48 0.00	33.50 2.50 0.00	35.05 2.59 0.00	44.60 3.27 0.00	34.28 2.43 0.00	40.66 2.55 0.00	36.79 2.39 0.00	32.64 2.20 0.00	30.37 1.94 0.00

EAST RIVER___7 23524	19.85 1.31 0.00	19.22 1.19 0.00	15.70 0.98 0.00	15.50 0.97 0.00	15.08 0.94 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.27 1.25 0.00	22.41 1.33 0.00	22.26 1.49 0.00	24.69 1.80 -0.88	32.92 1.77 -9.35	30.75 2.28 0.00	31.67 2.41 0.00	30.48 2.49 0.00	31.55 2.48 0.00	33.50 2.50 0.00	35.05 2.59 0.00	44.60 3.27 0.00	34.28 2.43 0.00	40.66 2.55 0.00	36.79 2.39 0.00	32.64 2.20 0.00	30.37 1.94 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.70 1.16 0.00	19.08 1.06 0.00	15.60 0.88 0.00	15.40 0.86 0.00	15.00 0.86 0.00	15.88 0.89 0.00	18.31 0.97 0.00	20.11 1.09 0.00	22.22 1.14 0.00	22.05 1.28 0.00	24.52 1.57 -0.93	33.30 1.57 -9.93	30.48 2.02 0.00	31.38 2.12 0.00	30.17 2.18 0.00	31.24 2.17 0.00	33.18 2.19 0.00	34.75 2.29 0.00	44.29 2.96 0.00	34.05 2.19 0.00	40.43 2.32 0.00	36.55 2.16 0.00	32.38 1.95 0.00	30.11 1.68 0.00
EAST_HAMPTON___DIESEL 23722	21.45 2.66 -0.25	20.40 2.38 0.00	16.71 1.99 0.00	16.44 1.91 0.00	15.98 1.84 0.00	16.75 1.75 0.00	19.57 2.23 0.00	21.55 2.53 0.00	23.85 2.77 0.00	23.96 3.18 0.00	26.46 3.57 -0.87	35.10 3.45 -9.85	33.75 4.55 -0.74	37.66 4.94 -3.47	38.52 4.80 -5.73	33.84 4.77 0.00	55.49 4.75 -19.75	37.45 4.99 0.00	76.89 6.39 -29.17	52.61 4.94 -15.82	43.33 5.22 0.00	38.99 4.58 0.00	34.58 4.14 0.00	32.39 3.96 0.00
EAST_PULASKI___ESR 323781	18.00 -0.54 0.00	17.48 -0.55 0.00	14.27 -0.45 0.00	14.10 -0.44 0.00	13.72 -0.41 0.00	14.62 -0.37 0.00	16.94 -0.40 0.00	18.59 -0.43 0.00	20.71 -0.37 0.00	20.42 -0.35 0.00	21.60 -0.42 0.00	21.40 -0.40 0.00	27.81 -0.65 0.00	28.98 -0.67 -0.40	27.61 -0.74 -0.36	28.74 -0.78 -0.46	31.56 -0.84 -1.41	35.45 -0.62 -3.61	46.74 -0.75 -6.16	34.59 -0.43 -3.16	42.56 -0.58 -5.02	37.46 -0.66 -3.72	31.01 -0.74 -1.31	28.49 -0.67 -0.73
EAST_RIVER___1 323558	19.81 1.27 0.00	19.18 1.16 0.00	15.68 0.96 0.00	15.47 0.94 0.00	15.07 0.93 0.00	15.96 0.96 0.00	18.40 1.06 0.00	20.23 1.21 0.00	22.37 1.29 0.00	22.21 1.44 0.00	24.66 1.76 -0.88	32.92 1.77 -9.35	30.73 2.27 0.00	31.65 2.39 0.00	30.46 2.47 0.00	31.49 2.42 0.00	33.43 2.44 0.00	34.96 2.50 0.00	44.48 3.15 0.00	34.21 2.35 0.00	40.57 2.46 0.00	36.70 2.30 0.00	32.57 2.13 0.00	30.30 1.87 0.00
EAST_RIVER___2 323559	19.85 1.31 0.00	19.22 1.19 0.00	15.70 0.98 0.00	15.50 0.97 0.00	15.08 0.94 0.00	15.98 0.99 0.00	18.43 1.10 0.00	20.27 1.25 0.00	22.41 1.33 0.00	22.26 1.49 0.00	24.69 1.80 -0.88	32.92 1.77 -9.35	30.75 2.28 0.00	31.67 2.41 0.00	30.48 2.49 0.00	31.55 2.48 0.00	33.50 2.50 0.00	35.05 2.59 0.00	44.60 3.27 0.00	34.28 2.43 0.00	40.66 2.55 0.00	36.79 2.39 0.00	32.64 2.20 0.00	30.37 1.94 0.00
EAST___DELAWARE_HYD 23607	19.72 1.18 0.00	19.07 1.05 0.00	15.57 0.84 0.00	15.35 0.82 0.00	14.95 0.81 0.00	15.85 0.86 0.00	18.28 0.95 0.00	20.08 1.07 0.00	22.21 1.13 0.00	22.00 1.23 0.00	23.42 1.53 0.13	22.05 1.61 1.36	30.59 2.12 0.00	31.54 2.28 0.00	30.33 2.34 0.00	31.37 2.30 0.00	33.38 2.38 0.00	35.08 2.62 0.00	44.76 3.42 0.00	34.48 2.62 0.00	40.94 2.83 0.00	36.92 2.52 0.00	32.58 2.15 0.00	30.23 1.80 0.00
EIGHT_POINT___WT_PWR 323820	18.30 -0.24 0.00	17.78 -0.25 0.00	14.37 -0.35 0.00	14.18 -0.36 0.00	13.70 -0.43 0.00	14.64 -0.35 0.00	17.14 -0.19 0.00	18.91 -0.11 0.00	21.36 0.28 0.00	21.35 0.58 0.00	22.52 0.49 0.00	22.43 0.63 0.00	29.23 0.77 0.00	30.17 0.86 -0.05	28.07 0.04 -0.05	29.01 -0.11 -0.06	31.05 -0.12 -0.18	32.66 -0.28 -0.48	41.50 -0.73 -0.90	32.21 -0.43 -0.46	38.70 -0.14 -0.73	34.98 0.04 -0.54	31.19 0.57 -0.19	29.35 0.81 -0.11
ELBRIDGE_115KV_TB2 80188	18.38 -0.16 0.00	17.84 -0.18 0.00	14.55 -0.17 0.00	14.36 -0.18 0.00	13.96 -0.18 0.00	14.81 -0.18 0.00	17.16 -0.17 0.00	18.89 -0.13 0.00	20.99 -0.08 0.00	20.73 -0.04 0.00	21.94 -0.08 0.00	21.74 -0.06 0.00	28.43 -0.04 0.00	29.59 0.06 -0.27	28.21 -0.02 -0.24	29.33 -0.04 -0.31	31.97 0.04 -0.94	35.01 0.12 -2.42	45.56 0.10 -4.13	34.05 0.08 -2.12	41.50 0.02 -3.37	36.84 -0.05 -2.49	31.29 -0.03 -0.88	28.91 -0.02 -0.49
ELEC_TRO_TEK 24086	20.28 1.49 -0.25	19.36 1.34 0.00	15.84 1.12 0.00	15.57 1.03 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.41 1.08 0.00	20.24 1.22 0.00	22.33 1.25 0.00	22.27 1.50 0.00	24.77 1.88 -0.87	33.57 1.92 -9.85	31.67 2.46 -0.74	35.28 2.56 -3.47	34.86 2.55 -4.32	31.51 2.44 0.00	33.44 2.45 0.00	35.13 2.67 0.00	73.98 3.48 -29.17	50.30 2.62 -15.82	40.87 2.76 0.00	37.00 2.60 0.00	32.76 2.33 0.00	30.43 2.00 0.00
ELLENBURG_WT_PWR 323604	19.21 0.67 0.00	18.67 0.64 0.00	15.22 0.50 0.00	14.97 0.43 0.00	14.54 0.40 0.00	15.22 0.22 0.00	17.61 0.27 0.00	19.30 0.28 0.00	21.37 0.29 0.00	21.09 0.32 0.00	22.41 0.39 0.00	22.08 0.28 0.00	28.62 0.15 0.00	29.34 0.08 0.00	27.92 -0.07 0.00	29.01 -0.06 0.00	30.77 -0.22 0.00	32.07 -0.39 0.00	40.39 -0.94 0.00	30.84 -1.02 0.00	37.49 -0.62 0.00	34.96 0.57 0.00	31.29 0.86 0.00	29.20 0.77 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.52 -0.03 0.00	17.99 -0.03 0.00	14.44 -0.28 0.00	14.30 -0.23 0.00	13.84 -0.30 0.00	14.64 -0.36 0.00	17.13 -0.21 0.00	18.90 -0.12 0.00	21.50 0.42 0.00	21.14 0.37 0.00	22.06 0.04 0.00	22.00 0.20 0.00	28.82 0.35 0.00	29.73 0.48 0.00	27.55 -0.44 0.00	28.58 -0.48 0.00	30.68 -0.32 0.00	31.95 -0.51 0.00	40.34 -0.99 0.00	31.01 -0.85 0.00	37.17 -0.94 0.00	33.87 -0.53 0.00	30.75 0.32 0.00	28.90 0.48 0.00
EMPIRE_CC_1 323656	18.91 0.37 0.00	18.46 0.44 0.00	15.19 0.47 0.00	15.00 0.46 0.00	14.61 0.47 0.00	15.46 0.47 0.00	17.75 0.41 0.00	19.36 0.34 0.00	21.33 0.25 0.00	21.00 0.23 0.00	22.60 0.34 -0.24	24.64 0.27 -2.58	28.81 0.34 0.00	29.58 0.32 0.00	28.44 0.45 0.00	29.46 0.39 0.00	31.40 0.40 0.00	32.95 0.49 0.00	42.31 0.98 0.00	32.50 0.64 0.00	38.94 0.82 0.00	35.11 0.71 0.00	31.08 0.64 0.00	28.88 0.45 0.00
EMPIRE_CC_2 323658	18.91 0.37 0.00	18.46 0.44 0.00	15.19 0.47 0.00	15.00 0.46 0.00	14.61 0.47 0.00	15.46 0.47 0.00	17.75 0.41 0.00	19.36 0.34 0.00	21.33 0.25 0.00	21.00 0.23 0.00	22.60 0.34 -0.24	24.64 0.27 -2.58	28.81 0.34 0.00	29.58 0.32 0.00	28.44 0.45 0.00	29.46 0.39 0.00	31.40 0.40 0.00	32.95 0.49 0.00	42.31 0.98 0.00	32.50 0.64 0.00	38.94 0.82 0.00	35.11 0.71 0.00	31.08 0.64 0.00	28.88 0.45 0.00
ENORWICH_115KV_TB1 80156	19.56 1.02 0.00	18.95 0.93 0.00	15.45 0.73 0.00	15.27 0.73 0.00	14.86 0.73 0.00	15.80 0.81 0.00	18.38 1.04 0.00	20.25 1.23 0.00	22.52 1.44 0.00	22.11 1.34 0.00	23.38 1.36 0.00	23.22 1.42 0.00	30.45 1.98 0.00	31.66 2.30 -0.10	30.19 2.11 -0.09	31.42 2.24 -0.11	33.92 2.57 -0.36	36.37 2.99 -0.92	46.66 3.76 -1.57	35.79 3.12 -0.80	43.10 3.70 -1.28	38.59 3.25 -0.95	33.51 2.74 -0.34	31.04 2.43 -0.19

ERIE_ST__34_KV_TB1-2 80199	18.70 0.16 0.00	18.14 0.12 0.00	14.56 -0.16 0.00	14.43 -0.11 0.00	13.96 -0.18 0.00	14.79 -0.21 0.00	17.29 -0.04 0.00	19.10 0.08 0.00	21.73 0.64 0.00	21.40 0.63 0.00	22.39 0.37 0.00	22.36 0.56 0.00	29.32 0.85 0.00	30.30 1.04 0.00	28.15 0.16 0.00	29.20 0.14 0.00	31.34 0.35 0.00	32.67 0.21 0.00	41.21 -0.13 0.00	31.65 -0.21 0.00	37.90 -0.21 0.00	34.48 0.08 0.00	31.14 0.71 0.00	29.27 0.84 0.00
ERIE_WT_PWR 323693	18.62 0.07 0.00	18.07 0.05 0.00	14.51 -0.21 0.00	14.37 -0.16 0.00	13.91 -0.23 0.00	14.72 -0.28 0.00	17.21 -0.13 0.00	19.00 -0.02 0.00	21.61 0.53 0.00	21.25 0.48 0.00	22.19 0.16 0.00	22.13 0.33 0.00	29.00 0.54 0.00	29.96 0.70 0.00	27.75 -0.24 0.00	28.78 -0.28 0.00	30.91 -0.08 0.00	32.19 -0.27 0.00	40.66 -0.68 0.00	31.27 -0.59 0.00	37.46 -0.65 0.00	34.12 -0.28 0.00	30.95 0.51 0.00	29.11 0.68 0.00
ESPRGFLD_115KV_TB1 80157	19.64 1.10 0.00	19.00 0.97 0.00	15.44 0.71 0.00	15.25 0.72 0.00	14.81 0.68 0.00	15.78 0.79 0.00	18.39 1.05 0.00	20.19 1.18 0.00	22.54 1.46 0.00	22.27 1.49 0.00	23.54 1.52 0.00	23.35 1.55 0.00	30.51 2.04 0.00	31.39 2.14 0.00	29.93 1.93 0.00	31.14 2.07 0.00	33.15 2.16 0.00	34.78 2.31 0.00	44.16 2.83 0.00	34.19 2.33 0.00	40.85 2.73 0.00	36.74 2.34 0.00	32.45 2.02 0.00	30.30 1.87 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.79 0.25 0.00	18.23 0.21 0.00	14.85 0.13 0.00	14.67 0.14 0.00	14.27 0.13 0.00	15.15 0.16 0.00	17.57 0.23 0.00	19.34 0.32 0.00	21.51 0.43 0.00	21.21 0.44 0.00	22.43 0.41 0.00	22.25 0.45 0.00	29.09 0.62 0.00	30.18 0.78 -0.14	28.83 0.71 -0.13	29.93 0.70 -0.16	32.30 0.80 -0.49	34.72 0.98 -1.28	44.75 1.24 -2.18	34.01 1.03 -1.12	41.08 1.19 -1.78	36.72 1.01 -1.32	31.77 0.87 -0.46	29.51 0.81 -0.26
ETNA____115KV_TB2 80207	18.79 0.25 0.00	18.23 0.21 0.00	14.85 0.13 0.00	14.67 0.14 0.00	14.27 0.13 0.00	15.15 0.16 0.00	17.57 0.23 0.00	19.34 0.32 0.00	21.51 0.43 0.00	21.21 0.44 0.00	22.43 0.41 0.00	22.25 0.45 0.00	29.09 0.62 0.00	30.18 0.78 -0.14	28.83 0.71 -0.13	29.93 0.70 -0.16	32.30 0.80 -0.49	34.72 0.98 -1.28	44.75 1.24 -2.18	34.01 1.03 -1.12	41.08 1.19 -1.78	36.72 1.01 -1.32	31.77 0.87 -0.46	29.51 0.81 -0.26
EUCLID____115KV_TB2 356179	18.20 -0.34 0.00	17.68 -0.34 0.00	14.42 -0.30 0.00	14.24 -0.29 0.00	13.85 -0.29 0.00	14.70 -0.30 0.00	17.02 -0.31 0.00	18.70 -0.32 0.00	20.80 -0.28 0.00	20.51 -0.26 0.00	21.72 -0.30 0.00	21.56 -0.23 0.00	28.17 -0.29 0.00	29.15 -0.23 -0.12	27.78 -0.31 -0.11	28.87 -0.33 -0.13	31.10 -0.31 -0.41	33.26 -0.25 -1.05	42.77 -0.35 -1.78	32.48 -0.30 -0.92	39.16 -0.42 -1.46	35.08 -0.40 -1.08	30.46 -0.35 -0.38	28.31 -0.34 -0.21
E_CANADA_CAP_HY 24051	19.91 1.37 0.00	19.27 1.25 0.00	15.67 0.95 0.00	15.48 0.94 0.00	15.03 0.89 0.00	16.02 1.03 0.00	18.67 1.34 0.00	20.44 1.42 0.00	22.78 1.70 0.00	22.44 1.67 0.00	23.83 1.67 -0.14	24.90 1.64 -1.47	30.61 2.15 0.00	31.46 2.20 0.00	29.98 2.00 0.00	31.28 2.22 0.00	33.33 2.34 0.00	35.03 2.57 0.00	44.59 3.26 0.00	34.55 2.70 0.00	41.31 3.20 0.00	37.14 2.74 0.00	32.78 2.34 0.00	30.58 2.15 0.00
E_CANADA_MHWK_HY 24050	18.17 -0.37 0.00	17.62 -0.40 0.00	14.47 -0.26 0.00	14.27 -0.26 0.00	13.92 -0.22 0.00	14.73 -0.27 0.00	16.98 -0.36 0.00	18.59 -0.43 0.00	20.42 -0.65 0.00	20.13 -0.64 0.00	21.51 -0.51 0.00	21.34 -0.46 0.00	27.94 -0.52 0.00	28.81 -0.45 0.00	27.76 -0.23 0.00	28.69 -0.37 0.00	30.66 -0.33 0.00	32.33 -0.13 0.00	41.56 0.22 0.00	32.03 0.17 0.00	38.32 0.21 0.00	34.47 0.08 0.00	30.25 -0.18 0.00	28.12 -0.31 0.00
E_FISHKILL____LBMP 23776	19.52 0.98 0.00	18.94 0.92 0.00	15.50 0.77 0.00	15.30 0.76 0.00	14.90 0.76 0.00	15.78 0.79 0.00	18.19 0.85 0.00	19.95 0.93 0.00	22.02 0.94 0.00	21.81 1.04 0.00	23.64 1.28 -0.34	26.70 1.26 -3.64	30.09 1.63 0.00	30.97 1.71 0.00	29.77 1.78 0.00	30.84 1.77 0.00	32.78 1.79 0.00	34.35 1.89 0.00	43.84 2.51 0.00	33.72 1.86 0.00	40.09 1.98 0.00	36.21 1.81 0.00	32.05 1.61 0.00	29.80 1.37 0.00
FALCON____SEABRD_CC1 323796	19.44 0.90 0.00	18.89 0.87 0.00	15.41 0.69 0.00	15.14 0.61 0.00	14.70 0.56 0.00	15.40 0.41 0.00	17.84 0.51 0.00	19.54 0.52 0.00	21.63 0.55 0.00	21.35 0.58 0.00	22.70 0.68 0.00	22.34 0.54 0.00	28.96 0.49 0.00	29.69 0.43 0.00	28.30 0.31 0.00	29.42 0.35 0.00	31.22 0.22 0.00	32.60 0.14 0.00	41.07 -0.26 0.00	31.27 -0.59 0.00	38.00 -0.12 0.00	35.49 1.09 0.00	31.72 1.29 0.00	29.57 1.14 0.00
FALCON____SEABRD_CC2 323797	19.44 0.90 0.00	18.89 0.87 0.00	15.41 0.69 0.00	15.14 0.61 0.00	14.70 0.56 0.00	15.40 0.41 0.00	17.84 0.51 0.00	19.54 0.52 0.00	21.63 0.55 0.00	21.35 0.58 0.00	22.70 0.68 0.00	22.34 0.54 0.00	28.96 0.49 0.00	29.69 0.43 0.00	28.30 0.31 0.00	29.42 0.35 0.00	31.22 0.22 0.00	32.60 0.14 0.00	41.07 -0.26 0.00	31.27 -0.59 0.00	38.00 -0.12 0.00	35.49 1.09 0.00	31.72 1.29 0.00	29.57 1.14 0.00
FAR ROCKAWAY____4 23548	20.60 1.81 -0.25	19.65 1.62 0.00	16.06 1.34 0.00	15.79 1.26 0.00	15.34 1.21 0.00	16.17 1.18 0.00	18.66 1.33 0.00	20.51 1.49 0.00	22.65 1.57 0.00	22.62 1.85 0.00	25.19 2.30 -0.87	33.96 2.31 -9.85	32.20 2.99 -0.74	35.83 3.10 -3.47	35.39 3.09 -4.32	32.08 3.01 0.00	34.08 3.09 0.00	35.80 3.34 0.00	74.80 4.30 -29.17	50.94 3.26 -15.82	41.64 3.53 0.00	37.68 3.28 0.00	33.35 2.92 0.00	31.03 2.60 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.82 1.28 0.00	19.19 1.17 0.00	15.69 0.96 0.00	15.48 0.95 0.00	15.08 0.94 0.00	15.97 0.98 0.00	18.42 1.08 0.00	20.24 1.23 0.00	22.38 1.30 0.00	22.23 1.46 0.00	24.68 1.79 -0.88	32.94 1.79 -9.35	30.76 2.29 0.00	31.69 2.43 0.00	30.48 2.49 0.00	31.52 2.45 0.00	33.46 2.46 0.00	34.99 2.53 0.00	44.54 3.20 0.00	34.24 2.38 0.00	40.62 2.51 0.00	36.74 2.34 0.00	32.60 2.16 0.00	30.33 1.90 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.84 1.30 0.00	19.21 1.19 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.95 0.00	15.98 0.99 0.00	18.43 1.09 0.00	20.26 1.24 0.00	22.39 1.31 0.00	22.25 1.48 0.00	24.70 1.80 -0.88	32.95 1.80 -9.35	30.78 2.31 0.00	31.71 2.45 0.00	30.51 2.52 0.00	31.55 2.48 0.00	33.48 2.49 0.00	35.02 2.56 0.00	44.57 3.24 0.00	34.27 2.41 0.00	40.66 2.54 0.00	36.77 2.38 0.00	32.63 2.20 0.00	30.37 1.94 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.81 1.27 0.00	19.18 1.16 0.00	15.68 0.96 0.00	15.47 0.94 0.00	15.07 0.93 0.00	15.97 0.97 0.00	18.41 1.07 0.00	20.24 1.22 0.00	22.37 1.29 0.00	22.22 1.45 0.00	24.67 1.77 -0.88	32.92 1.78 -9.35	30.74 2.27 0.00	31.67 2.41 0.00	30.47 2.48 0.00	31.50 2.43 0.00	33.43 2.44 0.00	34.97 2.51 0.00	44.52 3.19 0.00	34.21 2.35 0.00	40.59 2.47 0.00	36.70 2.30 0.00	32.57 2.14 0.00	30.31 1.88 0.00

FARRAGUT___LBMP 323566	19.80 1.26 0.00	19.17 1.14 0.00	15.67 0.94 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.39 1.05 0.00	20.21 1.19 0.00	22.35 1.27 0.00	22.19 1.42 0.00	24.64 1.74 -0.88	32.89 1.74 -9.35	30.70 2.23 0.00	31.62 2.36 0.00	30.43 2.44 0.00	31.46 2.39 0.00	33.39 2.39 0.00	34.92 2.46 0.00	44.45 3.11 0.00	34.18 2.32 0.00	40.54 2.43 0.00	36.67 2.27 0.00	32.54 2.11 0.00	30.29 1.86 0.00
FENNER___WINDPWR 24204	18.67 0.13 0.00	18.11 0.08 0.00	14.78 0.05 0.00	14.60 0.07 0.00	14.21 0.07 0.00	15.10 0.11 0.00	17.50 0.16 0.00	19.23 0.21 0.00	21.39 0.31 0.00	21.09 0.32 0.00	22.39 0.37 0.00	22.24 0.44 0.00	29.04 0.58 0.00	30.06 0.69 -0.11	28.70 0.61 -0.10	29.79 0.61 -0.12	32.08 0.71 -0.38	34.27 0.84 -0.97	44.10 1.12 -1.65	33.62 0.92 -0.84	40.52 1.06 -1.34	36.27 0.88 -1.00	31.44 0.66 -0.35	29.15 0.53 -0.20
FIBERTEK___ENERGY 23856	18.39 -0.15 0.00	17.85 -0.18 0.00	14.56 -0.16 0.00	14.38 -0.16 0.00	13.98 -0.16 0.00	14.84 -0.15 0.00	17.19 -0.14 0.00	18.90 -0.12 0.00	21.02 -0.06 0.00	20.74 -0.03 0.00	22.00 -0.02 0.00	21.83 0.03 0.00	28.54 0.07 0.00	29.67 0.16 -0.25	28.31 0.09 -0.23	29.39 0.04 -0.29	31.99 0.11 -0.88	34.94 0.21 -2.27	45.43 0.22 -3.87	34.00 0.16 -1.99	41.38 0.10 -3.16	36.77 0.03 -2.34	31.28 0.02 -0.83	28.89 0.00 -0.46
FITZPATRICK____ 23598	17.95 -0.59 0.00	17.44 -0.59 0.00	14.24 -0.48 0.00	14.06 -0.47 0.00	13.67 -0.47 0.00	14.50 -0.49 0.00	16.78 -0.56 0.00	18.42 -0.60 0.00	20.46 -0.62 0.00	20.18 -0.59 0.00	21.36 -0.66 0.00	21.18 -0.62 0.00	27.66 -0.80 0.00	27.13 -0.77 1.36	25.92 -0.82 1.25	26.64 -0.86 1.57	25.28 -0.87 4.84	19.17 -0.86 12.43	19.02 -1.12 21.19	20.12 -0.87 10.87	19.73 -1.10 17.28	20.59 -1.01 12.80	25.03 -0.88 4.52	25.10 -0.82 2.51
FLOWRFLD_69_KV_BK1 356044	20.68 1.89 -0.25	19.69 1.67 0.00	16.12 1.40 0.00	15.83 1.29 0.00	15.35 1.22 0.00	16.10 1.11 0.00	18.65 1.32 0.00	20.50 1.48 0.00	22.64 1.56 0.00	22.68 1.92 0.00	25.15 2.26 -0.87	33.94 2.29 -9.85	32.23 3.02 -0.74	35.99 3.27 -3.47	37.38 3.20 -6.19	32.01 2.94 0.00	60.25 2.99 -26.26	35.70 3.23 -0.01	74.74 4.24 -29.17	51.04 3.36 -15.82	41.51 3.40 0.00	37.47 3.07 0.00	33.24 2.81 0.00	30.90 2.47 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.78 1.24 0.00	19.18 1.16 0.00	15.68 0.96 0.00	15.47 0.94 0.00	15.07 0.93 0.00	15.97 0.97 0.00	18.42 1.08 0.00	20.23 1.21 0.00	22.47 1.39 0.00	22.27 1.50 0.00	23.79 1.77 0.00	23.57 1.77 0.00	30.81 2.35 0.00	31.77 2.51 0.00	30.55 2.57 0.00	31.58 2.51 0.00	33.49 2.50 0.00	35.13 2.67 0.00	44.82 3.49 0.00	34.47 2.61 0.00	40.93 2.82 0.00	36.93 2.53 0.00	32.62 2.19 0.00	30.31 1.88 0.00
FORT ORANGE____ 23900	18.96 0.42 0.00	18.46 0.44 0.00	15.15 0.43 0.00	14.96 0.42 0.00	14.57 0.43 0.00	15.45 0.46 0.00	17.82 0.48 0.00	19.50 0.48 0.00	21.47 0.39 0.00	21.09 0.31 0.00	22.60 0.38 -0.20	24.21 0.31 -2.10	28.87 0.40 0.00	29.68 0.43 0.00	28.53 0.54 0.00	29.60 0.53 0.00	31.59 0.59 0.00	33.19 0.73 0.00	42.56 1.22 0.00	32.75 0.89 0.00	39.20 1.08 0.00	35.33 0.93 0.00	31.24 0.80 0.00	29.06 0.63 0.00
FORT_DRUM_COGEN 23780	17.69 -0.85 0.00	17.18 -0.84 0.00	14.05 -0.68 0.00	13.87 -0.66 0.00	13.56 -0.58 0.00	14.60 -0.40 0.00	16.95 -0.39 0.00	18.58 -0.43 0.00	20.85 -0.23 0.00	20.53 -0.24 0.00	21.85 -0.17 0.00	21.66 -0.14 0.00	27.74 -0.72 0.00	28.54 -0.94 -0.21	27.22 -0.96 -0.19	28.33 -0.98 -0.24	30.50 -1.24 -0.74	33.78 -0.59 -1.90	44.00 -0.57 -3.24	33.65 0.13 -1.66	40.86 0.10 -2.64	35.79 -0.57 -1.96	30.00 -1.12 -0.69	27.66 -1.16 -0.38
FPL_FAR_ROCK_GT1 24212	20.60 1.81 -0.25	19.65 1.62 0.00	16.06 1.34 0.00	15.79 1.26 0.00	15.34 1.21 0.00	16.17 1.18 0.00	18.66 1.33 0.00	20.51 1.49 0.00	22.65 1.57 0.00	22.62 1.85 0.00	25.20 2.31 -0.87	33.96 2.31 -9.85	32.20 2.99 -0.74	35.83 3.10 -3.47	35.39 3.08 -4.32	32.07 3.01 0.00	34.08 3.09 0.00	35.80 3.34 0.00	74.80 4.30 -29.17	50.93 3.26 -15.82	41.64 3.52 0.00	37.69 3.29 0.00	33.36 2.92 0.00	31.03 2.60 0.00
FPL_FAR_ROCK_GT2 23815	20.60 1.81 -0.25	19.65 1.62 0.00	16.06 1.34 0.00	15.79 1.26 0.00	15.34 1.21 0.00	16.17 1.18 0.00	18.66 1.33 0.00	20.51 1.49 0.00	22.65 1.57 0.00	22.62 1.85 0.00	25.20 2.31 -0.87	33.96 2.31 -9.85	32.20 2.99 -0.74	35.83 3.10 -3.47	35.39 3.08 -4.32	32.07 3.01 0.00	34.08 3.09 0.00	35.80 3.34 0.00	74.80 4.30 -29.17	50.93 3.26 -15.82	41.64 3.52 0.00	37.69 3.29 0.00	33.36 2.92 0.00	31.03 2.60 0.00
FRANKLIN_FALL_HYD 24054	19.17 0.63 0.00	18.63 0.61 0.00	15.19 0.47 0.00	14.95 0.42 0.00	14.53 0.40 0.00	15.27 0.28 0.00	17.70 0.36 0.00	19.43 0.41 0.00	21.49 0.41 0.00	21.14 0.36 0.00	22.45 0.43 0.00	22.12 0.32 0.00	28.67 0.20 0.00	29.39 0.13 0.00	27.99 0.00 0.00	29.01 -0.05 0.00	30.81 -0.19 0.00	32.16 -0.30 0.00	40.67 -0.67 0.00	31.18 -0.68 0.00	37.81 -0.30 0.00	34.99 0.59 0.00	31.15 0.72 0.00	29.04 0.61 0.00
FREEPORT_EQUS_GT1 23764	20.48 1.69 -0.25	19.52 1.50 0.00	15.96 1.24 0.00	15.68 1.14 0.00	15.23 1.10 0.00	16.05 1.05 0.00	18.52 1.19 0.00	20.38 1.36 0.00	22.49 1.41 0.00	22.44 1.67 0.00	24.98 2.09 -0.87	33.81 2.16 -9.85	32.00 2.79 -0.74	35.64 2.92 -3.47	35.21 2.90 -4.32	31.84 2.77 0.00	33.81 2.82 0.00	35.54 3.08 0.00	74.50 4.00 -29.17	50.59 2.92 -15.82	41.20 3.09 0.00	37.39 2.99 0.00	33.13 2.70 0.00	30.74 2.31 0.00
FREEPORT___CT2 23818	20.48 1.69 -0.25	19.52 1.50 0.00	15.96 1.24 0.00	15.68 1.14 0.00	15.23 1.10 0.00	16.05 1.05 0.00	18.52 1.19 0.00	20.38 1.36 0.00	22.49 1.41 0.00	22.44 1.67 0.00	24.98 2.09 -0.87	33.81 2.16 -9.85	32.00 2.79 -0.74	35.64 2.92 -3.47	35.21 2.90 -4.32	31.84 2.77 0.00	33.81 2.82 0.00	35.54 3.08 0.00	74.50 4.00 -29.17	50.59 2.92 -15.82	41.20 3.09 0.00	37.39 2.99 0.00	33.13 2.70 0.00	30.74 2.31 0.00
FRESHKLS_33_KV_LOAD 356253	19.85 1.31 0.00	19.21 1.19 0.00	15.70 0.97 0.00	15.48 0.95 0.00	15.06 0.92 0.00	15.95 0.95 0.00	18.38 1.05 0.00	20.19 1.18 0.00	22.32 1.24 0.00	22.16 1.39 0.00	24.59 1.70 -0.88	32.87 1.73 -9.35	34.88 2.25 -4.17	50.41 2.39 -18.76	35.21 2.47 -4.75	34.35 2.43 -2.85	35.61 2.46 -2.16	35.01 2.54 -0.01	47.19 3.17 -2.69	35.64 2.39 -1.39	43.11 2.39 -2.60	36.66 2.26 -0.01	34.35 2.06 -1.86	30.24 1.81 0.00
FULTON COGEN____ 23766	18.12 -0.42 0.00	17.59 -0.43 0.00	14.36 -0.36 0.00	14.19 -0.35 0.00	13.80 -0.34 0.00	14.65 -0.35 0.00	16.96 -0.38 0.00	18.61 -0.40 0.00	20.70 -0.38 0.00	20.41 -0.36 0.00	21.62 -0.40 0.00	21.42 -0.37 0.00	27.98 -0.49 0.00	29.26 -0.45 -0.45	27.91 -0.49 -0.41	29.07 -0.51 -0.51	32.07 -0.52 -1.59	36.09 -0.45 -4.08	47.72 -0.57 -6.95	34.99 -0.44 -3.56	43.21 -0.58 -5.67	38.05 -0.55 -4.20	31.41 -0.50 -1.48	28.79 -0.46 -0.82



FULTON___LFGE 323630	20.31 1.77 0.00	19.63 1.60 0.00	15.99 1.26 0.00	15.78 1.24 0.00	15.34 1.21 0.00	16.35 1.36 0.00	18.99 1.66 0.00	20.64 1.62 0.00	22.78 1.70 0.00	22.34 1.57 0.00	23.85 1.67 -0.16	25.21 1.75 -1.66	30.80 2.33 0.00	31.70 2.44 0.00	30.30 2.31 0.00	31.16 2.09 0.00	33.30 2.31 0.00	35.30 2.84 0.00	45.53 4.20 0.00	35.56 3.70 0.00	42.51 4.40 0.00	38.22 3.83 0.00	33.59 3.16 0.00	31.36 2.92 0.00
G.F.CEMENT___DRP 24184	19.53 0.99 0.00	18.93 0.91 0.00	15.52 0.79 0.00	15.30 0.77 0.00	14.89 0.75 0.00	15.77 0.78 0.00	18.25 0.92 0.00	19.98 0.96 0.00	21.95 0.87 0.00	21.63 0.85 0.00	23.22 1.01 -0.19	24.77 0.90 -2.07	29.80 1.34 0.00	30.70 1.44 0.00	29.63 1.64 0.00	30.84 1.77 0.00	33.00 2.00 0.00	34.78 2.32 0.00	44.74 3.40 0.00	34.16 2.30 0.00	40.77 2.65 0.00	36.83 2.44 0.00	32.41 1.98 0.00	30.03 1.60 0.00
GARDENVILLE___LBMP 24039	18.56 0.02 0.00	18.02 -0.01 0.00	14.47 -0.25 0.00	14.33 -0.20 0.00	13.87 -0.27 0.00	14.67 -0.32 0.00	17.16 -0.18 0.00	18.94 -0.08 0.00	21.54 0.46 0.00	21.20 0.43 0.00	22.14 0.12 0.00	22.07 0.27 0.00	28.92 0.45 0.00	29.85 0.59 0.00	27.66 -0.33 0.00	28.71 -0.36 0.00	30.81 -0.18 0.00	32.09 -0.37 0.00	40.52 -0.82 0.00	31.15 -0.71 0.00	37.33 -0.78 0.00	34.02 -0.38 0.00	30.84 0.41 0.00	28.99 0.56 0.00
GARDNVLA_35_KV_LD 355827	18.63 0.09 0.00	18.09 0.07 0.00	14.52 -0.20 0.00	14.39 -0.15 0.00	13.92 -0.22 0.00	14.73 -0.26 0.00	17.23 -0.11 0.00	19.03 0.01 0.00	21.65 0.57 0.00	21.30 0.53 0.00	22.25 0.23 0.00	22.19 0.40 0.00	29.10 0.64 0.00	30.04 0.78 0.00	27.85 -0.14 0.00	28.91 -0.16 0.00	31.04 0.04 0.00	32.33 -0.13 0.00	40.81 -0.52 0.00	31.38 -0.48 0.00	37.59 -0.52 0.00	34.23 -0.17 0.00	31.02 0.59 0.00	29.16 0.73 0.00
GELCKHM___115KV_LOAD 80723	18.27 -0.27 0.00	17.74 -0.29 0.00	14.47 -0.25 0.00	14.29 -0.24 0.00	13.89 -0.25 0.00	14.75 -0.24 0.00	17.08 -0.25 0.00	18.78 -0.24 0.00	20.88 -0.20 0.00	20.60 -0.17 0.00	21.83 -0.19 0.00	21.66 -0.14 0.00	28.31 -0.15 0.00	29.34 -0.09 -0.16	27.98 -0.16 -0.15	29.06 -0.19 -0.19	31.43 -0.14 -0.58	33.88 -0.08 -1.50	43.75 -0.13 -2.55	33.04 -0.13 -1.31	39.97 -0.22 -2.08	35.70 -0.24 -1.54	30.76 -0.22 -0.54	28.51 -0.22 -0.30
GENERAL___MILLS 23808	18.60 0.06 0.00	18.06 0.04 0.00	14.50 -0.22 0.00	14.36 -0.17 0.00	13.90 -0.24 0.00	14.70 -0.29 0.00	17.20 -0.13 0.00	18.99 -0.03 0.00	21.60 0.52 0.00	21.25 0.48 0.00	22.19 0.17 0.00	22.13 0.33 0.00	29.01 0.54 0.00	29.94 0.68 0.00	27.75 -0.23 0.00	28.80 -0.26 0.00	30.92 -0.08 0.00	32.20 -0.26 0.00	40.65 -0.69 0.00	31.26 -0.60 0.00	37.46 -0.66 0.00	34.12 -0.28 0.00	30.93 0.50 0.00	29.08 0.65 0.00
GE_PLASTICS___DRP 24183	18.96 0.42 0.00	18.46 0.43 0.00	15.13 0.41 0.00	14.94 0.40 0.00	14.55 0.41 0.00	15.41 0.42 0.00	17.76 0.42 0.00	19.44 0.42 0.00	21.44 0.36 0.00	21.08 0.31 0.00	22.54 0.32 -0.20	24.12 0.23 -2.09	28.73 0.27 0.00	29.54 0.29 0.00	28.37 0.38 0.00	29.43 0.37 0.00	31.36 0.37 0.00	32.91 0.45 0.00	42.13 0.79 0.00	32.44 0.59 0.00	38.82 0.70 0.00	35.01 0.60 0.00	31.01 0.58 0.00	28.97 0.54 0.00
GILBOA___1 23756	19.04 0.50 0.00	18.51 0.49 0.00	15.15 0.42 0.00	14.96 0.42 0.00	14.56 0.42 0.00	15.43 0.43 0.00	17.79 0.45 0.00	19.50 0.48 0.00	21.54 0.46 0.00	21.27 0.50 0.00	22.76 0.61 -0.12	23.72 0.59 -1.33	29.23 0.76 0.00	30.07 0.81 0.00	28.84 0.85 0.00	29.90 0.83 0.00	31.78 0.79 0.00	33.30 0.83 0.00	42.46 1.13 0.00	32.76 0.90 0.00	39.17 1.05 0.00	35.35 0.96 0.00	31.27 0.84 0.00	29.12 0.69 0.00
GILBOA___2 23757	19.04 0.50 0.00	18.51 0.49 0.00	15.15 0.42 0.00	14.96 0.42 0.00	14.56 0.42 0.00	15.43 0.43 0.00	17.79 0.45 0.00	19.50 0.48 0.00	21.54 0.46 0.00	21.27 0.50 0.00	22.76 0.61 -0.12	23.72 0.59 -1.33	29.23 0.76 0.00	30.07 0.81 0.00	28.84 0.85 0.00	29.90 0.83 0.00	31.78 0.79 0.00	33.30 0.83 0.00	42.46 1.13 0.00	32.76 0.90 0.00	39.17 1.05 0.00	35.35 0.96 0.00	31.27 0.84 0.00	29.12 0.69 0.00
GILBOA___3 23758	19.04 0.50 0.00	18.51 0.49 0.00	15.15 0.42 0.00	14.96 0.42 0.00	14.56 0.42 0.00	15.43 0.43 0.00	17.79 0.45 0.00	19.50 0.48 0.00	21.54 0.46 0.00	21.27 0.50 0.00	22.76 0.61 -0.12	23.72 0.59 -1.33	29.23 0.76 0.00	30.07 0.81 0.00	28.84 0.85 0.00	29.90 0.83 0.00	31.78 0.79 0.00	33.30 0.83 0.00	42.46 1.13 0.00	32.76 0.90 0.00	39.17 1.05 0.00	35.35 0.96 0.00	31.27 0.84 0.00	29.12 0.69 0.00
GILBOA___4 23759	19.04 0.50 0.00	18.51 0.49 0.00	15.15 0.42 0.00	14.96 0.42 0.00	14.56 0.42 0.00	15.43 0.43 0.00	17.79 0.45 0.00	19.50 0.48 0.00	21.54 0.46 0.00	21.27 0.50 0.00	22.76 0.61 -0.12	23.72 0.59 -1.33	29.23 0.76 0.00	30.07 0.81 0.00	28.84 0.85 0.00	29.90 0.83 0.00	31.78 0.79 0.00	33.30 0.83 0.00	42.46 1.13 0.00	32.76 0.90 0.00	39.17 1.05 0.00	35.35 0.96 0.00	31.27 0.84 0.00	29.12 0.69 0.00
GILBOA___ 23599	19.05 0.50 0.00	18.51 0.49 0.00	15.15 0.42 0.00	14.96 0.42 0.00	14.56 0.42 0.00	15.43 0.43 0.00	17.79 0.45 0.00	19.50 0.48 0.00	21.54 0.46 0.00	21.27 0.50 0.00	22.76 0.61 -0.12	23.72 0.59 -1.33	29.23 0.76 0.00	30.07 0.81 0.00	28.84 0.85 0.00	29.90 0.83 0.00	31.79 0.79 0.00	33.30 0.84 0.00	42.46 1.13 0.00	32.76 0.90 0.00	39.17 1.06 0.00	35.36 0.96 0.00	31.27 0.84 0.00	29.12 0.69 0.00
GINNA___ 23603	17.69 -0.85 0.00	17.17 -0.85 0.00	13.92 -0.81 0.00	13.74 -0.79 0.00	13.34 -0.80 0.00	14.14 -0.85 0.00	16.48 -0.85 0.00	18.16 -0.86 0.00	20.41 -0.67 0.00	20.12 -0.65 0.00	21.21 -0.81 0.00	21.12 -0.68 0.00	27.71 -0.75 0.00	28.63 -0.63 0.00	26.98 -1.01 0.00	28.02 -1.05 0.00	30.01 -0.98 0.00	31.43 -1.03 0.00	39.93 -1.41 0.00	30.60 -1.26 0.00	36.57 -1.55 0.00	33.08 -1.32 0.00	29.54 -0.89 0.00	27.59 -0.84 0.00
GLEN PARK___ 23778	17.76 -0.78 0.00	17.25 -0.77 0.00	14.09 -0.63 0.00	13.92 -0.61 0.00	13.60 -0.54 0.00	14.64 -0.36 0.00	17.00 -0.33 0.00	18.66 -0.36 0.00	20.97 -0.11 0.00	20.63 -0.14 0.00	21.93 -0.09 0.00	21.76 -0.04 0.00	27.83 -0.63 0.00	28.65 -0.84 -0.22	27.33 -0.86 -0.20	28.43 -0.89 -0.25	30.58 -1.19 -0.78	33.91 -0.54 -1.99	44.26 -0.47 -3.39	33.85 0.25 -1.74	41.22 0.33 -2.77	36.10 -0.35 -2.05	30.22 -0.94 -0.72	27.83 -1.00 -0.40
GLENDALE_27_KV_LOAD 356172	19.93 1.39 0.00	19.29 1.26 0.00	15.77 1.04 0.00	15.55 1.01 0.00	15.14 1.00 0.00	16.04 1.05 0.00	18.50 1.17 0.00	20.35 1.33 0.00	22.51 1.43 0.00	22.36 1.59 0.00	24.81 1.91 -0.88	33.04 1.90 -9.35	30.89 2.42 0.00	31.80 2.54 0.00	30.61 2.62 0.00	31.60 2.53 0.00	33.51 2.52 0.01	35.05 2.60 0.00	43.44 3.28 1.17	33.71 2.45 0.60	39.60 2.61 1.13	36.86 2.46 0.00	32.71 2.28 0.00	30.44 2.01 0.00

GLENWOOD_IC_1_G5 23712	20.26 1.47 -0.25	19.35 1.33 0.00	15.83 1.10 0.00	15.58 1.04 0.00	15.15 1.01 0.00	16.00 1.01 0.00	18.46 1.13 0.00	20.30 1.28 0.00	22.43 1.35 0.00	22.27 1.50 0.00	24.77 1.88 -0.87	33.58 1.93 -9.85	31.70 2.49 -0.74	35.36 2.63 -3.47	34.95 2.64 -4.32	31.55 2.49 0.00	33.53 2.53 0.00	35.16 2.70 0.00	73.98 3.48 -29.17	50.28 2.61 -15.82	40.85 2.73 0.00	36.92 2.52 0.00	32.74 2.31 0.00	30.42 1.99 0.00
GLENWOOD_IC_2_G1 23688	20.14 1.35 -0.25	19.25 1.22 0.00	15.74 1.02 0.00	15.51 0.97 0.00	15.09 0.95 0.00	15.95 0.96 0.00	18.40 1.06 0.00	20.22 1.20 0.00	22.33 1.26 0.00	22.20 1.43 0.00	24.67 1.78 -0.87	33.45 1.80 -9.85	31.53 2.32 -0.74	35.15 2.43 -3.47	34.77 2.46 -4.32	31.47 2.40 0.00	33.42 2.43 0.00	35.04 2.58 0.00	73.83 3.33 -29.17	50.17 2.49 -15.82	40.75 2.64 0.00	36.85 2.45 0.00	32.63 2.19 0.00	30.33 1.90 0.00
GLENWOOD_IC_3_G1 23689	20.14 1.35 -0.25	19.25 1.22 0.00	15.74 1.02 0.00	15.51 0.97 0.00	15.09 0.95 0.00	15.95 0.96 0.00	18.40 1.06 0.00	20.22 1.20 0.00	22.33 1.26 0.00	22.20 1.43 0.00	24.67 1.78 -0.87	33.45 1.80 -9.85	31.53 2.32 -0.74	35.15 2.43 -3.47	34.77 2.46 -4.32	31.47 2.40 0.00	33.42 2.43 0.00	35.04 2.58 0.00	73.83 3.33 -29.17	50.17 2.49 -15.82	40.75 2.64 0.00	36.85 2.45 0.00	32.63 2.19 0.00	30.33 1.90 0.00
GLENWOOD___4 23550	20.26 1.47 -0.25	19.35 1.33 0.00	15.83 1.10 0.00	15.58 1.04 0.00	15.15 1.01 0.00	16.00 1.01 0.00	18.46 1.13 0.00	20.30 1.28 0.00	22.43 1.35 0.00	22.29 1.52 0.00	24.80 1.91 -0.87	33.61 1.96 -9.85	31.74 2.54 -0.74	35.39 2.67 -3.47	34.99 2.68 -4.32	31.63 2.56 0.00	33.60 2.61 0.00	35.24 2.78 0.00	74.09 3.59 -29.17	50.35 2.68 -15.82	40.95 2.84 0.00	37.00 2.60 0.00	32.77 2.34 0.00	30.45 2.02 0.00
GLENWOOD___5 23614	20.26 1.47 -0.25	19.35 1.33 0.00	15.83 1.10 0.00	15.58 1.04 0.00	15.15 1.01 0.00	16.00 1.01 0.00	18.46 1.13 0.00	20.30 1.28 0.00	22.43 1.35 0.00	22.29 1.52 0.00	24.80 1.91 -0.87	33.61 1.96 -9.85	31.74 2.54 -0.74	35.39 2.67 -3.47	34.99 2.68 -4.32	31.63 2.56 0.00	33.60 2.61 0.00	35.24 2.78 0.00	74.09 3.59 -29.17	50.35 2.68 -15.82	40.95 2.84 0.00	37.00 2.60 0.00	32.77 2.34 0.00	30.45 2.02 0.00
GLOBAL GREEN_PORT_GT1 23814	21.39 2.60 -0.25	20.36 2.33 0.00	16.67 1.95 0.00	16.40 1.87 0.00	15.94 1.80 0.00	16.71 1.71 0.00	19.51 2.17 0.00	21.49 2.47 0.00	23.79 2.70 0.00	23.87 3.10 0.00	26.34 3.45 -0.87	34.99 3.34 -9.85	33.62 4.41 -0.74	37.51 4.78 -3.47	38.38 4.67 -5.73	33.73 4.66 0.00	55.19 4.44 -19.76	36.98 4.51 0.00	76.30 5.80 -29.17	52.13 4.46 -15.82	42.75 4.64 0.00	38.47 4.07 0.00	34.23 3.79 0.00	32.28 3.85 0.00
GLOBE___DSASP 323697	18.07 -0.47 0.00	17.59 -0.43 0.00	14.11 -0.61 0.00	13.97 -0.56 0.00	13.50 -0.64 0.00	14.27 -0.72 0.00	16.71 -0.62 0.00	18.39 -0.63 0.00	20.93 -0.15 0.00	20.51 -0.26 0.00	21.33 -0.69 0.00	21.26 -0.54 0.00	27.86 -0.60 0.00	28.71 -0.55 0.00	26.39 -1.60 0.00	27.35 -1.72 0.00	29.33 -1.66 0.00	30.53 -1.93 0.00	38.18 -2.77 0.38	29.63 -2.23 0.00	35.62 -2.50 0.00	32.54 -1.86 0.00	29.81 -0.62 0.00	28.11 -0.32 0.00
GOETHSLN___LBMP 323567	19.70 1.16 0.00	19.08 1.06 0.00	15.60 0.88 0.00	15.40 0.87 0.00	15.00 0.86 0.00	15.90 0.91 0.00	18.31 0.98 0.00	20.11 1.09 0.00	22.22 1.14 0.00	22.07 1.29 0.00	24.52 1.62 -0.88	28.57 1.63 -5.14	30.56 2.09 0.00	31.51 2.24 0.00	30.32 2.33 0.00	31.35 2.28 0.00	33.25 2.25 0.00	34.77 2.31 0.00	44.25 2.92 0.00	34.03 2.17 0.00	40.30 2.19 0.00	36.46 2.06 0.00	32.37 1.94 0.00	30.13 1.70 0.00
GOLAH___69_KV_TB 1_2 80279	19.11 0.57 0.00	18.40 0.38 0.00	14.67 -0.06 0.00	14.50 -0.03 0.00	14.06 -0.07 0.00	14.91 -0.08 0.00	17.40 0.06 0.00	19.16 0.15 0.00	21.58 0.50 0.00	21.30 0.52 0.00	22.31 0.29 0.00	22.23 0.43 0.00	29.19 0.72 0.00	30.14 0.88 0.00	28.24 0.26 0.00	29.27 0.20 0.00	31.37 0.38 0.00	32.82 0.36 0.00	41.69 0.36 0.00	31.99 0.13 0.00	38.29 0.18 0.00	34.68 0.28 0.00	31.15 0.72 0.00	29.15 0.72 0.00
GOODYEAR_LAKE_HYD 323669	19.30 0.76 0.00	18.69 0.67 0.00	15.23 0.50 0.00	15.04 0.51 0.00	14.63 0.49 0.00	15.55 0.56 0.00	18.04 0.70 0.00	19.82 0.80 0.00	22.05 0.97 0.00	21.80 1.03 0.00	23.13 1.11 0.00	22.94 1.15 0.00	29.98 1.51 0.00	30.92 1.63 -0.04	29.55 1.53 -0.03	30.70 1.59 -0.04	32.76 1.64 -0.13	34.55 1.74 -0.34	44.09 2.16 -0.59	33.89 1.73 -0.30	40.58 1.99 -0.48	36.48 1.73 -0.36	32.06 1.50 -0.13	29.85 1.35 -0.07
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.66 0.12 0.00	18.09 0.06 0.00	14.73 0.01 0.00	14.59 0.05 0.00	14.19 0.05 0.00	15.05 0.05 0.00	17.43 0.09 0.00	19.18 0.16 0.00	21.39 0.31 0.00	21.17 0.40 0.00	22.40 0.37 0.00	22.26 0.46 0.00	29.08 0.62 0.00	30.12 0.76 -0.09	28.62 0.55 -0.09	29.78 0.61 -0.11	31.97 0.65 -0.33	33.96 0.65 -0.85	43.46 0.67 -1.46	33.18 0.57 -0.75	39.89 0.59 -1.19	35.86 0.58 -0.88	31.25 0.50 -0.31	29.17 0.57 -0.17
GOUDEY___7 23579	18.68 0.13 0.00	18.10 0.08 0.00	14.74 0.02 0.00	14.60 0.06 0.00	14.19 0.05 0.00	15.06 0.07 0.00	17.44 0.11 0.00	19.19 0.17 0.00	21.41 0.33 0.00	21.19 0.42 0.00	22.42 0.40 0.00	22.28 0.49 0.00	29.12 0.66 0.00	30.16 0.81 -0.09	28.66 0.59 -0.09	29.83 0.65 -0.11	32.01 0.68 -0.33	34.01 0.69 -0.85	43.52 0.73 -1.46	33.22 0.62 -0.75	39.94 0.64 -1.19	35.91 0.63 -0.88	31.27 0.53 -0.31	29.20 0.60 -0.17
GOUDEY___8 23580	18.66 0.12 0.00	18.09 0.06 0.00	14.73 0.01 0.00	14.59 0.05 0.00	14.19 0.05 0.00	15.05 0.05 0.00	17.43 0.09 0.00	19.18 0.16 0.00	21.39 0.31 0.00	21.17 0.40 0.00	22.40 0.37 0.00	22.26 0.46 0.00	29.08 0.62 0.00	30.12 0.76 -0.09	28.62 0.55 -0.09	29.78 0.61 -0.11	31.97 0.65 -0.33	33.96 0.65 -0.85	43.46 0.67 -1.46	33.18 0.57 -0.75	39.89 0.59 -1.19	35.86 0.58 -0.88	31.25 0.50 -0.31	29.17 0.57 -0.17
GOWANUS_GT1_1 24077	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.98 0.00	16.01 1.02 0.00	18.46 1.13 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.84 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.53 2.51 -18.76	35.30 2.57 -4.75	34.40 2.48 -2.85	35.62 2.47 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.57 -2.60	36.83 2.42 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT1_2 24078	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.98 0.00	16.01 1.02 0.00	18.46 1.13 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.84 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.53 2.51 -18.76	35.30 2.57 -4.75	34.40 2.48 -2.85	35.62 2.47 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.57 -2.60	36.83 2.42 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00

GOWANUS_GT1_3 24079	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.98 0.00	16.01 1.02 0.00	18.46 1.13 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.84 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.53 2.51 -18.76	35.30 2.57 -4.75	34.40 2.48 -2.85	35.62 2.47 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.57 -2.60	36.83 2.42 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT1_4 24080	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.98 0.00	16.01 1.02 0.00	18.46 1.13 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.84 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.53 2.51 -18.76	35.30 2.57 -4.75	34.40 2.48 -2.85	35.62 2.47 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.57 -2.60	36.83 2.42 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT1_5 24084	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.98 0.00	16.01 1.02 0.00	18.46 1.13 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.84 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.53 2.51 -18.76	35.30 2.57 -4.75	34.40 2.48 -2.85	35.62 2.47 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.57 -2.60	36.83 2.42 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT1_6 24111	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.98 0.00	16.01 1.02 0.00	18.46 1.13 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.84 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.53 2.51 -18.76	35.30 2.57 -4.75	34.40 2.48 -2.85	35.62 2.47 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.57 -2.60	36.83 2.42 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT1_7 24112	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.98 0.00	16.01 1.02 0.00	18.46 1.13 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.84 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.53 2.51 -18.76	35.30 2.57 -4.75	34.40 2.48 -2.85	35.62 2.47 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.57 -2.60	36.83 2.42 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT1_8 24113	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.98 0.00	16.01 1.02 0.00	18.46 1.13 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.84 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.53 2.51 -18.76	35.30 2.57 -4.75	34.40 2.48 -2.85	35.62 2.47 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.57 -2.60	36.83 2.42 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT2_1 24114	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT2_2 24115	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01																		

GOWANUS_GT3_2 24123	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT3_3 24124	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT3_4 24125	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT3_5 24126	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT3_6 24127	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT3_7 24128	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT3_8 24129	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GOWANUS_GT4_1 24130	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.98 0.00	16.01																		

GREENBSH_115KV_TB3 55895	18.86 0.32 0.00	18.37 0.34 0.00	15.07 0.35 0.00	14.88 0.35 0.00	14.49 0.36 0.00	15.36 0.36 0.00	17.68 0.34 0.00	19.34 0.32 0.00	21.32 0.24 0.00	20.98 0.21 0.00	22.50 0.28 -0.20	24.17 0.21 -2.15	28.74 0.28 0.00	29.56 0.30 0.00	28.40 0.42 0.00	29.46 0.39 0.00	31.42 0.42 0.00	32.99 0.52 0.00	42.27 0.94 0.00	32.50 0.65 0.00	38.89 0.78 0.00	35.06 0.66 0.00	31.02 0.58 0.00	28.86 0.43 0.00
GREENDGE_115KV_TB5 80291	18.58 0.04 0.00	18.00 -0.02 0.00	14.61 -0.11 0.00	14.45 -0.09 0.00	14.03 -0.11 0.00	14.91 -0.08 0.00	17.36 0.03 0.00	19.15 0.14 0.00	21.48 0.40 0.00	21.24 0.47 0.00	22.44 0.42 0.00	22.33 0.53 0.00	29.05 0.59 0.00	30.06 0.72 -0.08	28.51 0.45 -0.07	29.59 0.43 -0.09	31.78 0.52 -0.27	33.72 0.56 -0.70	43.12 0.58 -1.20	32.99 0.52 -0.61	39.62 0.53 -0.98	35.63 0.51 -0.73	31.26 0.57 -0.26	29.29 0.72 -0.14
GREENIDGE___3 23582	18.58 0.04 0.00	18.00 -0.02 0.00	14.61 -0.11 0.00	14.45 -0.09 0.00	14.03 -0.11 0.00	14.91 -0.08 0.00	17.36 0.03 0.00	19.15 0.14 0.00	21.48 0.40 0.00	21.24 0.47 0.00	22.44 0.42 0.00	22.33 0.53 0.00	29.05 0.59 0.00	30.06 0.72 -0.08	28.51 0.45 -0.07	29.59 0.43 -0.09	31.78 0.52 -0.27	33.72 0.56 -0.70	43.12 0.58 -1.20	32.99 0.52 -0.61	39.62 0.53 -0.98	35.63 0.51 -0.73	31.26 0.57 -0.26	29.29 0.72 -0.14
GREENIDGE___4 23583	18.59 0.05 0.00	18.00 -0.02 0.00	14.61 -0.12 0.00	14.45 -0.09 0.00	14.03 -0.11 0.00	14.92 -0.08 0.00	17.36 0.03 0.00	19.15 0.13 0.00	21.48 0.40 0.00	21.24 0.47 0.00	22.42 0.40 0.00	22.33 0.53 0.00	29.06 0.59 0.00	30.07 0.74 -0.08	28.51 0.45 -0.07	29.59 0.43 -0.09	31.78 0.52 -0.27	33.72 0.56 -0.70	43.13 0.59 -1.20	33.00 0.52 -0.61	39.63 0.54 -0.98	35.63 0.50 -0.73	31.26 0.57 -0.26	29.29 0.72 -0.14
GREENLWN_69_KV_BK 3 55738	20.37 1.58 -0.25	19.44 1.42 0.00	15.90 1.18 0.00	15.59 1.06 0.00	15.12 0.98 0.00	15.87 0.88 0.00	18.30 0.97 0.00	20.13 1.11 0.00	22.22 1.15 0.00	22.23 1.45 0.00	24.77 1.88 -0.87	33.54 1.89 -9.85	31.67 2.46 -0.74	35.34 2.61 -3.47	34.59 2.59 -4.01	31.44 2.38 0.00	29.00 2.37 4.37	35.05 2.59 0.00	74.05 3.55 -29.17	50.47 2.80 -15.82	40.90 2.79 0.00	36.94 2.54 0.00	32.68 2.25 0.00	30.33 1.90 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.98 0.00	16.01 1.02 0.00	18.46 1.13 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.84 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.53 2.51 -18.76	35.30 2.57 -4.75	34.40 2.48 -2.85	35.62 2.47 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.57 -2.60	36.83 2.42 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
GRISSOM___SOLAR 323813	20.31 1.77 0.00	19.63 1.60 0.00	15.99 1.26 0.00	15.78 1.24 0.00	15.34 1.21 0.00	16.35 1.36 0.00	18.99 1.66 0.00	20.64 1.62 0.00	22.78 1.70 0.00	22.34 1.57 0.00	23.85 1.67 -0.16	25.21 1.75 -1.66	30.80 2.33 0.00	31.70 2.44 0.00	30.30 2.31 0.00	31.16 2.09 0.00	33.30 2.31 0.00	35.30 2.84 0.00	45.53 4.20 0.00	35.56 3.70 0.00	42.51 4.40 0.00	38.22 3.83 0.00	33.59 3.16 0.00	31.36 2.92 0.00
GROVEVILLE___HYD 323602	19.78 1.24 0.00	19.18 1.16 0.00	15.68 0.96 0.00	15.47 0.94 0.00	15.07 0.93 0.00	15.97 0.97 0.00	18.42 1.08 0.00	20.23 1.21 0.00	22.47 1.39 0.00	22.27 1.50 0.00	23.79 1.77 0.00	23.57 1.77 0.00	30.81 2.35 0.00	31.77 2.51 0.00	30.55 2.57 0.00	31.58 2.51 0.00	33.49 2.50 0.00	35.13 2.67 0.00	44.82 3.19 0.00	34.47 2.61 0.00	40.93 2.82 0.00	36.93 2.53 0.00	32.62 2.19 0.00	30.31 1.88 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.39 -0.15 0.00	17.85 -0.18 0.00	14.56 -0.16 0.00	14.38 -0.16 0.00	13.98 -0.16 0.00	14.84 -0.15 0.00	17.19 -0.14 0.00	18.90 -0.12 0.00	21.02 -0.06 0.00	20.74 -0.03 0.00	22.00 -0.02 0.00	21.83 0.03 0.00	28.54 0.07 0.00	29.67 0.16 -0.25	28.31 0.09 -0.23	29.39 0.04 -0.29	31.99 0.11 -0.88	34.94 0.21 -2.27	45.43 0.22 -3.87	34.00 0.16 -1.99	41.38 0.10 -3.16	36.77 0.03 -2.34	31.28 0.02 -0.83	28.89 0.00 -0.46
HAMLTNNY_34_KV_TB 80303	18.49 -0.05 0.00	17.94 -0.07 0.00	14.63 -0.09 0.00	14.44 -0.09 0.00	14.04 -0.10 0.00	14.90 -0.09 0.00	17.27 -0.06 0.00	19.02 0.00 0.00	21.16 0.08 0.00	20.89 0.12 0.00	22.11 0.09 0.00	21.93 0.13 0.00	28.69 0.22 0.00	29.86 0.34 -0.26	28.46 0.24 -0.23	29.59 0.23 -0.29	32.25 0.35 -0.91	35.24 0.44 -2.34	45.83 0.50 -3.99	34.28 0.37 -2.05	41.73 0.36 -3.26	37.05 0.24 -2.41	31.51 0.22 -0.85	29.11 0.21 -0.47
HAMPSHIRE___PAPER_HYD 323593	18.12 -0.42 0.00	17.64 -0.39 0.00	14.41 -0.32 0.00	14.22 -0.31 0.00	13.87 -0.27 0.00	14.82 -0.18 0.00	17.20 -0.13 0.00	18.85 -0.17 0.00	20.90 -0.18 0.00	20.47 -0.30 0.00	21.77 -0.25 0.00	21.42 -0.38 0.00	27.73 -0.73 0.00	28.44 -0.91 -0.10	27.09 -0.99 -0.09	28.21 -0.96 -0.11	30.21 -1.11 -0.33	32.37 -0.94 -0.85	41.74 -1.05 -1.45	32.05 -0.55 -0.74	38.58 -0.72 -1.19	34.45 -0.82 -0.88	29.68 -1.07 -0.31	27.52 -1.08 -0.17
HARDSCRABBLE_WT_PWR 323673	18.22 -0.32 0.00	17.64 -0.39 0.00	14.47 -0.25 0.00	14.27 -0.26 0.00	13.90 -0.23 0.00	14.72 -0.27 0.00	17.01 -0.32 0.00	18.65 -0.37 0.00	20.57 -0.51 0.00	20.29 -0.48 0.00	21.66 -0.35 0.00	21.50 -0.30 0.00	28.14 -0.33 0.00	28.98 -0.27 0.00	27.87 -0.12 0.00	28.79 -0.27 0.00	30.77 -0.23 0.00	32.44 -0.02 0.00	41.62 0.28 0.00	32.07 0.21 0.00	38.36 0.24 0.00	34.46 0.06 0.00	30.22 -0.21 0.00	28.16 -0.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.60 1.06 0.00	18.97 0.95 0.00	15.50 0.78 0.00	15.30 0.77 0.00	14.90 0.76 0.00	15.79 0.80 0.00	18.21 0.87 0.00	20.00 0.98 0.00	22.12 1.04 0.00	21.93 1.16 0.00	22.63 1.48 0.87	14.03 1.51 9.28	30.43 1.96 0.00	31.36 2.10 0.00	30.14 2.15 0.00	31.21 2.15 0.00	33.20 2.21 0.00	34.81 2.35 0.00	44.33 3.00 0.00	34.07 2.21 0.00	40.47 2.35 0.00	36.56 2.16 0.00	32.32 1.88 0.00	30.03 1.60 0.00
HARSNRAD_115KV_TB1 81005	18.42 -0.13 0.00	17.89 -0.13 0.00	14.34 -0.39 0.00	14.20 -0.33 0.00	13.72 -0.42 0.00	14.51 -0.48 0.00	16.97 -0.37 0.00	18.68 -0.34 0.00	21.22 0.14 0.00	20.80 0.03 0.00	21.64 -0.38 0.00	21.59 -0.21 0.00	28.30 -0.17 0.00	29.19 -0.07 0.00	27.00 -0.99 0.00	27.95 -1.12 0.00	30.01 -0.99 0.00	31.27 -1.19 0.00	39.51 -1.82 0.00	30.34 -1.51 0.00	36.46 -1.65 0.00	33.28 -1.12 0.00	30.31 -0.12 0.00	28.50 0.07 0.00
HARZA MOOSE___RIVER 24016	18.24 -0.30 0.00	17.72 -0.31 0.00	14.48 -0.25 0.00	14.30 -0.23 0.00	13.95 -0.19 0.00	14.92 -0.08 0.00	17.30 -0.04 0.00	18.96 -0.06 0.00	21.16 0.08 0.00	20.86 0.09 0.00	22.23 0.21 0.00	22.04 0.24 0.00	28.56 0.10 0.00	29.46 0.11 -0.09	28.05 0.00 -0.06	29.10 -0.05 -0.08	31.18 -0.06 -0.25	33.41 0.31 -0.64	42.90 0.47 -1.10	33.03 0.61 -0.56	39.59 0.58 -0.90	35.20 0.13 -0.66	30.40 -0.26 -0.23	28.22 -0.34 -0.13

HDSNBRDG_115KV_BRDG_TB1 355580	18.30 -0.24 0.00	17.77 -0.25 0.00	14.50 -0.22 0.00	14.32 -0.21 0.00	13.92 -0.22 0.00	14.77 -0.22 0.00	17.11 -0.22 0.00	18.79 -0.22 0.00	20.91 -0.17 0.00	20.62 -0.15 0.00	21.83 -0.19 0.00	21.68 -0.12 0.00	28.33 -0.13 0.00	29.34 -0.05 -0.13	27.96 -0.15 -0.12	29.07 -0.15 -0.15	31.36 -0.11 -0.47	33.62 -0.05 -1.22	43.30 -0.11 -2.07	32.81 -0.11 -1.06	39.60 -0.20 -1.69	35.44 -0.21 -1.25	30.68 -0.19 -0.44	28.49 -0.18 -0.24
HELLGATE_13_KV_LD 55870	19.83 1.28 0.00	19.19 1.17 0.00	15.70 0.97 0.00	15.48 0.94 0.00	15.07 0.94 0.00	15.97 0.97 0.00	18.41 1.08 0.00	20.23 1.21 0.00	22.37 1.29 0.00	22.21 1.44 0.00	24.65 1.75 -0.88	32.89 1.74 -9.35	30.69 2.22 0.00	31.58 2.32 0.00	30.39 2.40 0.00	31.35 2.29 0.00	33.26 2.27 0.01	34.79 2.34 0.00	43.54 2.97 0.76	33.68 2.22 0.39	39.72 2.35 0.74	36.61 2.22 0.00	32.50 2.06 0.00	30.25 1.82 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.83 1.28 0.00	19.19 1.17 0.00	15.70 0.97 0.00	15.48 0.94 0.00	15.07 0.94 0.00	15.97 0.97 0.00	18.41 1.08 0.00	20.23 1.21 0.00	22.37 1.29 0.00	22.21 1.44 0.00	24.65 1.75 -0.88	32.89 1.74 -9.35	30.69 2.22 0.00	31.58 2.32 0.00	30.39 2.40 0.00	31.35 2.29 0.00	33.26 2.27 0.01	34.79 2.34 0.00	43.54 2.97 0.76	33.68 2.22 0.39	39.72 2.35 0.74	36.61 2.22 0.00	32.50 2.06 0.00	30.25 1.82 0.00
HEMPSTEAD____ 23647	20.31 1.52 -0.25	19.39 1.36 0.00	15.85 1.13 0.00	15.59 1.05 0.00	15.15 1.01 0.00	15.97 0.98 0.00	18.43 1.10 0.00	20.28 1.26 0.00	22.39 1.31 0.00	22.30 1.53 0.00	24.81 1.92 -0.87	33.62 1.97 -9.85	31.75 2.54 -0.74	35.38 2.66 -3.47	34.97 2.66 -4.32	31.62 2.55 0.00	33.58 2.59 0.00	35.25 2.80 0.00	74.12 3.62 -29.17	50.39 2.72 -15.82	40.96 2.85 0.00	37.07 2.67 0.00	32.83 2.40 0.00	30.49 2.06 0.00
HEWLETT__69_KV_BK3 55828	20.50 1.71 -0.25	19.56 1.53 0.00	15.99 1.27 0.00	15.72 1.18 0.00	15.27 1.13 0.00	16.10 1.11 0.00	18.58 1.24 0.00	20.41 1.39 0.00	22.53 1.45 0.00	22.49 1.72 0.00	25.05 2.17 -0.87	33.84 2.20 -9.85	32.04 2.83 -0.74	35.66 2.93 -3.47	35.23 2.92 -4.32	31.89 2.82 0.00	33.88 2.88 0.00	35.58 3.12 0.00	74.53 4.03 -29.17	50.74 3.07 -15.82	41.40 3.29 0.00	37.47 3.08 0.00	33.19 2.76 0.00	30.84 2.42 0.00
HICKLING___1 23621	18.68 0.14 0.00	18.09 0.07 0.00	14.67 -0.05 0.00	14.56 0.03 0.00	14.13 0.00 0.00	15.02 0.03 0.00	17.47 0.13 0.00	19.28 0.26 0.00	21.66 0.58 0.00	21.52 0.75 0.00	22.66 0.64 0.00	22.58 0.78 0.00	29.51 1.04 0.00	30.60 1.27 -0.08	28.85 0.79 -0.07	30.04 0.88 -0.09	32.22 0.96 -0.27	34.05 0.90 -0.69	43.35 0.83 -1.19	33.26 0.79 -0.61	39.93 0.85 -0.96	36.00 0.89 -0.71	31.52 0.83 -0.25	29.60 1.03 -0.14
HICKLING___2 23622	18.68 0.14 0.00	18.09 0.07 0.00	14.67 -0.05 0.00	14.56 0.03 0.00	14.13 0.00 0.00	15.02 0.03 0.00	17.47 0.13 0.00	19.28 0.26 0.00	21.66 0.58 0.00	21.52 0.75 0.00	22.66 0.64 0.00	22.58 0.78 0.00	29.51 1.04 0.00	30.60 1.27 -0.08	28.85 0.79 -0.07	30.04 0.88 -0.09	32.22 0.96 -0.27	34.05 0.90 -0.69	43.35 0.83 -1.19	33.26 0.79 -0.61	39.93 0.85 -0.96	36.00 0.89 -0.71	31.52 0.83 -0.25	29.60 1.03 -0.14
HIGH FALLS___HY 23754	19.75 1.21 0.00	19.11 1.08 0.00	15.60 0.88 0.00	15.39 0.85 0.00	14.98 0.85 0.00	15.88 0.89 0.00	18.31 0.98 0.00	20.12 1.10 0.00	22.26 1.18 0.00	22.08 1.31 0.00	23.68 1.66 0.00	23.50 1.70 0.00	30.70 2.24 0.00	31.66 2.40 0.00	30.47 2.48 0.00	31.49 2.42 0.00	33.47 2.48 0.00	35.15 2.69 0.00	44.83 3.50 0.00	34.54 2.68 0.00	40.99 2.87 0.00	36.95 2.55 0.00	32.61 2.18 0.00	30.27 1.84 0.00
HILLBURN___GT 23639	19.57 1.03 0.00	18.93 0.91 0.00	15.47 0.75 0.00	15.28 0.74 0.00	14.88 0.74 0.00	15.77 0.78 0.00	18.17 0.83 0.00	19.96 0.94 0.00	22.06 0.98 0.00	21.89 1.12 0.00	22.44 1.45 1.02	12.40 1.50 10.89	30.39 1.92 0.00	31.28 2.03 0.00	30.05 2.06 0.00	31.05 1.99 0.00	32.98 1.99 0.00	34.54 2.08 0.00	43.98 2.64 0.00	33.80 1.94 0.00	40.13 2.01 0.00	36.30 1.90 0.00	32.14 1.70 0.00	29.88 1.45 0.00
HILLSIDE_115KV_TB1 80332	18.39 -0.15 0.00	17.80 -0.22 0.00	14.45 -0.27 0.00	14.36 -0.18 0.00	13.95 -0.19 0.00	14.81 -0.19 0.00	17.18 -0.16 0.00	18.95 -0.07 0.00	21.25 0.17 0.00	21.11 0.34 0.00	22.26 0.25 0.00	22.19 0.39 0.00	29.01 0.55 0.00	30.09 0.75 -0.08	28.44 0.38 -0.07	29.59 0.43 -0.09	31.72 0.45 -0.28	33.51 0.33 -0.71	42.64 0.08 -1.23	32.69 0.20 -0.63	39.22 0.11 -1.00	35.37 0.23 -0.74	30.87 0.17 -0.26	29.02 0.44 -0.14
HISHELDN_WT_PWR 323625	18.38 -0.16 0.00	17.83 -0.19 0.00	14.35 -0.38 0.00	14.21 -0.33 0.00	13.75 -0.39 0.00	14.59 -0.40 0.00	17.03 -0.30 0.00	18.81 -0.21 0.00	21.39 0.31 0.00	21.12 0.35 0.00	22.10 0.08 0.00	22.00 0.20 0.00	28.71 0.25 0.00	29.66 0.40 0.00	27.48 -0.51 0.00	28.46 -0.60 0.00	30.56 -0.43 0.00	31.85 -0.61 0.00	40.29 -1.05 0.00	31.08 -0.78 0.00	37.20 -0.92 0.00	33.76 -0.64 0.00	30.67 0.24 0.00	28.87 0.44 0.00
HOLTSVILLE_IC_1 23690	20.53 1.74 -0.25	19.57 1.55 0.00	16.03 1.30 0.00	15.74 1.21 0.00	15.28 1.14 0.00	16.03 1.04 0.00	18.57 1.23 0.00	20.41 1.39 0.00	22.53 1.45 0.00	22.53 1.76 0.00	24.97 2.08 -0.87	33.73 2.08 -9.85	31.93 2.72 -0.74	35.63 2.90 -3.47	36.53 2.84 -5.70	31.72 2.65 0.00	53.05 2.65 -19.40	35.36 2.90 0.00	74.31 3.81 -29.17	50.67 2.99 -15.82	41.12 3.00 0.00	37.15 2.75 0.00	32.94 2.51 0.00	30.65 2.22 0.00
HOLTSVILLE_IC_10 23699	20.67 1.88 -0.25	19.70 1.68 0.00	16.13 1.40 0.00	15.85 1.31 0.00	15.38 1.24 0.00	16.12 1.13 0.00	18.69 1.36 0.00	20.55 1.53 0.00	22.70 1.62 0.00	22.72 1.95 0.00	25.16 2.27 -0.87	33.92 2.27 -9.85	32.20 2.99 -0.74	35.93 3.21 -3.47	36.92 3.14 -5.79	32.06 2.99 0.00	54.67 3.02 -20.66	35.75 3.29 0.00	74.80 4.30 -29.17	51.04 3.37 -15.82	41.54 3.42 0.00	37.50 3.10 0.00	33.24 2.82 0.00	30.91 2.49 0.00
HOLTSVILLE_IC_2 23691	20.53 1.74 -0.25	19.57 1.55 0.00	16.03 1.30 0.00	15.74 1.21 0.00	15.28 1.14 0.00	16.03 1.04 0.00	18.57 1.23 0.00	20.41 1.39 0.00	22.53 1.45 0.00	22.53 1.76 0.00	24.97 2.08 -0.87	33.73 2.08 -9.85	31.93 2.72 -0.74	35.63 2.90 -3.47	36.53 2.84 -5.70	31.72 2.65 0.00	53.05 2.65 -19.40	35.36 2.90 0.00	74.31 3.81 -29.17	50.67 2.99 -15.82	41.12 3.00 0.00	37.15 2.75 0.00	32.94 2.51 0.00	30.65 2.22 0.00
HOLTSVILLE_IC_3 23692	20.53 1.74 -0.25	19.57 1.55 0.00	16.03 1.30 0.00	15.74 1.21 0.00	15.28 1.14 0.00	16.03 1.04 0.00	18.57 1.23 0.00	20.41 1.39 0.00	22.53 1.45 0.00	22.53 1.76 0.00	24.97 2.08 -0.87	33.73 2.08 -9.85	31.93 2.72 -0.74	35.63 2.90 -3.47	36.53 2.84 -5.70	31.72 2.65 0.00	53.05 2.65 -19.40	35.36 2.90 0.00	74.31 3.81 -29.17	50.67 2.99 -15.82	41.12 3.00 0.00	37.15 2.75 0.00	32.94 2.51 0.00	30.65 2.22 0.00

HOLTSVILLE_IC_4 23693	20.53 1.74 -0.25	19.57 1.55 0.00	16.03 1.30 0.00	15.74 1.21 0.00	15.28 1.14 0.00	16.03 1.04 0.00	18.57 1.23 0.00	20.41 1.39 0.00	22.53 1.45 0.00	22.53 1.76 0.00	24.97 2.08 -0.87	33.73 2.08 -9.85	31.93 2.72 -0.74	35.63 2.90 -3.47	36.53 2.84 -5.70	31.72 2.65 0.00	53.05 2.65 -19.40	35.36 2.90 0.00	74.31 3.81 -29.17	50.67 2.99 -15.82	41.12 3.00 0.00	37.15 2.75 0.00	32.94 2.51 0.00	30.65 2.22 0.00
HOLTSVILLE_IC_5 23694	20.53 1.74 -0.25	19.57 1.55 0.00	16.03 1.30 0.00	15.74 1.21 0.00	15.28 1.14 0.00	16.03 1.04 0.00	18.57 1.23 0.00	20.41 1.39 0.00	22.53 1.45 0.00	22.53 1.76 0.00	24.97 2.08 -0.87	33.73 2.08 -9.85	31.93 2.72 -0.74	35.63 2.90 -3.47	36.53 2.84 -5.70	31.72 2.65 0.00	53.05 2.65 -19.40	35.36 2.90 0.00	74.31 3.81 -29.17	50.67 2.99 -15.82	41.12 3.00 0.00	37.15 2.75 0.00	32.94 2.51 0.00	30.65 2.22 0.00
HOLTSVILLE_IC_6 23695	20.67 1.88 -0.25	19.70 1.68 0.00	16.13 1.40 0.00	15.85 1.31 0.00	15.38 1.24 0.00	16.12 1.13 0.00	18.69 1.36 0.00	20.55 1.53 0.00	22.70 1.62 0.00	22.72 1.95 0.00	25.16 2.27 -0.87	33.92 2.27 -9.85	32.20 2.99 -0.74	35.93 3.21 -3.47	36.92 3.14 -5.79	32.06 2.99 0.00	54.67 3.02 -20.66	35.75 3.29 0.00	74.80 4.30 -29.17	51.04 3.37 -15.82	41.54 3.42 0.00	37.50 3.10 0.00	33.24 2.82 0.00	30.91 2.49 0.00
HOLTSVILLE_IC_7 23696	20.67 1.88 -0.25	19.70 1.68 0.00	16.13 1.40 0.00	15.85 1.31 0.00	15.38 1.24 0.00	16.12 1.13 0.00	18.69 1.36 0.00	20.55 1.53 0.00	22.70 1.62 0.00	22.72 1.95 0.00	25.16 2.27 -0.87	33.92 2.27 -9.85	32.20 2.99 -0.74	35.93 3.21 -3.47	36.92 3.14 -5.79	32.06 2.99 0.00	54.67 3.02 -20.66	35.75 3.29 0.00	74.80 4.30 -29.17	51.04 3.37 -15.82	41.54 3.42 0.00	37.50 3.10 0.00	33.24 2.82 0.00	30.91 2.49 0.00
HOLTSVILLE_IC_8 23697	20.67 1.88 -0.25	19.70 1.68 0.00	16.13 1.40 0.00	15.85 1.31 0.00	15.38 1.24 0.00	16.12 1.13 0.00	18.69 1.36 0.00	20.55 1.53 0.00	22.70 1.62 0.00	22.72 1.95 0.00	25.16 2.27 -0.87	33.92 2.27 -9.85	32.20 2.99 -0.74	35.93 3.21 -3.47	36.92 3.14 -5.79	32.06 2.99 0.00	54.67 3.02 -20.66	35.75 3.29 0.00	74.80 4.30 -29.17	51.04 3.37 -15.82	41.54 3.42 0.00	37.50 3.10 0.00	33.24 2.82 0.00	30.91 2.49 0.00
HOLTSVILLE_IC_9 23698	20.67 1.88 -0.25	19.70 1.68 0.00	16.13 1.40 0.00	15.85 1.31 0.00	15.38 1.24 0.00	16.12 1.13 0.00	18.69 1.36 0.00	20.55 1.53 0.00	22.70 1.62 0.00	22.72 1.95 0.00	25.16 2.27 -0.87	33.92 2.27 -9.85	32.20 2.99 -0.74	35.93 3.21 -3.47	36.92 3.14 -5.79	32.06 2.99 0.00	54.67 3.02 -20.66	35.75 3.29 0.00	74.80 4.30 -29.17	51.04 3.37 -15.82	41.54 3.42 0.00	37.50 3.10 0.00	33.24 2.82 0.00	30.91 2.49 0.00
HOMER_HL_115KV_TB2 355744	18.60 0.06 0.00	18.01 -0.01 0.00	14.55 -0.17 0.00	14.47 -0.07 0.00	14.05 -0.08 0.00	14.89 -0.11 0.00	17.33 -0.01 0.00	19.14 0.12 0.00	21.65 0.57 0.00	21.43 0.66 0.00	22.39 0.37 0.00	22.20 0.40 0.00	29.06 0.59 0.00	29.99 0.73 0.00	28.02 0.03 0.00	29.14 0.08 0.00	31.13 0.14 0.00	32.49 0.03 0.00	40.99 -0.34 0.00	31.51 -0.35 0.00	37.68 -0.44 0.00	34.23 -0.17 0.00	30.67 0.23 0.00	29.10 0.67 0.00
HOWARD_WT_PWR 323690	18.32 -0.22 0.00	17.81 -0.22 0.00	14.39 -0.33 0.00	14.20 -0.34 0.00	13.72 -0.42 0.00	14.66 -0.33 0.00	17.16 -0.18 0.00	18.94 -0.08 0.00	21.39 0.31 0.00	21.37 0.60 0.00	22.54 0.52 0.00	22.46 0.66 0.00	29.27 0.80 0.00	30.22 0.91 -0.06	28.10 0.06 -0.05	29.06 -0.07 -0.06	31.11 -0.07 -0.19	32.74 -0.23 -0.51	41.63 -0.65 -0.94	32.30 -0.04 -0.48	38.83 -0.06 -0.77	35.07 0.10 -0.57	31.26 0.63 -0.20	29.41 0.86 -0.11
HQ_GEN_CEDARS 23644	18.74 0.21 0.00	18.26 0.24 0.00	14.90 0.17 0.00	14.69 0.15 0.00	14.28 0.14 0.00	15.14 0.15 0.00	17.56 0.22 0.00	19.24 0.22 0.00	21.14 0.06 0.00	20.68 -0.09 0.00	21.93 -0.09 0.00	21.65 -0.15 0.00	28.24 -0.23 0.00	28.94 -0.31 0.00	27.68 -0.31 0.00	28.72 -0.35 0.00	30.60 -0.39 0.00	31.94 -0.52 0.00	40.62 -0.71 0.00	31.34 -0.52 0.00	37.67 -0.45 0.00	34.11 -0.29 0.00	30.17 -0.26 0.00	28.22 -0.21 0.00
HQ_GEN_CEDARS_PROXY 323590	18.75 0.21 0.00	18.26 0.24 0.00	14.90 0.17 0.00	14.69 0.15 0.00	14.28 0.14 0.00	15.14 0.15 0.00	17.56 0.22 0.00	19.50 0.22 -0.26	21.14 0.06 0.00	23.39 -0.09 -2.71	21.92 -0.10 0.00	21.65 -0.15 0.00	28.24 -0.23 0.00	29.87 -0.31 -0.92	27.68 -0.31 0.00	28.72 -0.35 0.00	30.89 -0.39 -0.29	31.94 -0.52 0.00	40.62 -0.72 0.00	31.34 -0.52 0.00	37.67 -0.45 0.00	34.11 -0.29 0.00	30.18 -0.26 0.00	28.22 -0.21 0.00
HQ_GEN_IMPORT 323601	18.54 0.00 0.00	18.05 0.03 0.00	14.73 0.01 0.00	14.53 0.00 0.00	14.13 -0.01 0.00	14.98 -0.02 0.00	17.34 0.00 0.00	19.03 0.00 -0.01	21.06 -0.02 0.00	20.68 -0.09 0.00	21.88 -0.14 0.00	21.64 -0.16 0.00	28.27 -0.20 0.00	28.99 -0.26 0.00	27.74 -0.24 0.00	28.83 -0.24 0.00	30.73 -0.26 0.00	32.20 -0.38 -0.12	40.80 -0.54 0.00	31.47 -0.39 0.00	37.78 -0.34 0.00	34.16 -0.24 0.00	28.77 -0.18 1.48	28.34 -0.10 0.00
HQ_GEN_WHEEL 23651	18.54 0.00 0.00	18.05 0.03 0.00	14.73 0.01 0.00	14.53 0.00 0.00	14.13 -0.01 0.00	14.98 -0.02 0.00	17.34 0.00 0.00	19.03 0.00 -0.01	21.06 -0.02 0.00	20.68 -0.09 0.00	21.88 -0.14 0.00	21.64 -0.16 0.00	28.27 -0.20 0.00	28.99 -0.26 0.00	27.74 -0.24 0.00	28.83 -0.24 0.00	30.73 -0.26 0.00	32.20 -0.38 -0.12	40.80 -0.54 0.00	31.47 -0.39 0.00	37.78 -0.34 0.00	34.16 -0.24 0.00	28.77 -0.18 1.48	28.34 -0.10 0.00
HUDSON_AVE_GT_3 23810	19.85 1.31 0.00	19.22 1.19 0.00	15.71 0.98 0.00	15.50 0.96 0.00	15.09 0.96 0.00	15.99 0.99 0.00	18.43 1.10 0.00	20.27 1.25 0.00	22.41 1.33 0.00	22.25 1.48 0.00	24.71 1.81 -0.88	32.96 1.81 -9.35	30.79 2.33 0.00	31.72 2.47 0.00	30.53 2.54 0.00	31.56 2.50 0.00	33.50 2.51 0.00	35.04 2.59 0.00	44.60 3.27 0.00	34.29 2.43 0.00	40.67 2.56 0.00	36.79 2.39 0.00	32.65 2.22 0.00	30.38 1.95 0.00
HUDSON_AVE_GT_4 23540	19.85 1.31 0.00	19.22 1.19 0.00	15.71 0.98 0.00	15.50 0.96 0.00	15.09 0.96 0.00	15.99 0.99 0.00	18.43 1.10 0.00	20.27 1.25 0.00	22.41 1.33 0.00	22.25 1.48 0.00	24.71 1.81 -0.88	32.96 1.81 -9.35	30.79 2.33 0.00	31.72 2.47 0.00	30.53 2.54 0.00	31.56 2.50 0.00	33.50 2.51 0.00	35.04 2.59 0.00	44.60 3.27 0.00	34.29 2.43 0.00	40.67 2.56 0.00	36.79 2.39 0.00	32.65 2.22 0.00	30.38 1.95 0.00
HUDSON_AVE_GT_5 23657	19.85 1.31 0.00	19.22 1.19 0.00	15.71 0.98 0.00	15.50 0.96 0.00	15.09 0.96 0.00	15.99 0.99 0.00	18.43 1.10 0.00	20.27 1.25 0.00	22.41 1.33 0.00	22.25 1.48 0.00	24.71 1.81 -0.88	32.96 1.81 -9.35	30.79 2.33 0.00	31.72 2.47 0.00	30.53 2.54 0.00	31.56 2.50 0.00	33.50 2.51 0.00	35.04 2.59 0.00	44.60 3.27 0.00	34.29 2.43 0.00	40.67 2.56 0.00	36.79 2.39 0.00	32.65 2.22 0.00	30.38 1.95 0.00

HUDSON_AVE_10 24168	19.78 1.23 0.00	19.14 1.12 0.00	15.64 0.92 0.00	15.44 0.91 0.00	15.04 0.90 0.00	15.93 0.94 0.00	18.37 1.03 0.00	20.19 1.17 0.00	22.31 1.24 0.00	22.16 1.39 0.00	24.60 1.70 -0.88	32.86 1.71 -9.35	30.65 2.19 0.00	31.58 2.32 0.00	30.40 2.41 0.00	31.43 2.36 0.00	33.35 2.36 0.00	34.89 2.43 0.00	44.40 3.06 0.00	34.14 2.28 0.00	40.50 2.38 0.00	36.64 2.24 0.00	32.53 2.10 0.00	30.26 1.83 0.00
HUDSON___115KV_TB 4 355613	19.23 0.69 0.00	18.71 0.69 0.00	15.34 0.62 0.00	15.15 0.61 0.00	14.76 0.62 0.00	15.74 0.74 0.00	18.22 0.88 0.00	19.95 0.93 0.00	21.96 0.88 0.00	21.42 0.65 0.00	22.82 0.63 -0.18	24.24 0.55 -1.89	29.19 0.73 0.00	30.07 0.81 0.00	28.86 0.87 0.00	29.97 0.91 0.00	32.05 1.06 0.00	33.75 1.29 0.00	43.35 2.02 0.00	33.38 1.52 0.00	39.99 1.88 0.00	36.01 1.61 0.00	31.80 1.37 0.00	29.56 1.13 0.00
HUNTER MOUNT___DRP 323613	19.30 0.76 0.00	18.79 0.77 0.00	15.41 0.69 0.00	15.22 0.68 0.00	14.82 0.68 0.00	15.80 0.81 0.00	18.32 0.98 0.00	20.05 1.03 0.00	22.06 0.98 0.00	21.46 0.69 0.00	22.81 0.64 -0.15	23.94 0.53 -1.61	29.19 0.72 0.00	30.07 0.81 0.00	28.84 0.85 0.00	30.00 0.93 0.00	32.13 1.14 0.00	33.87 1.41 0.00	43.53 2.20 0.00	33.55 1.69 0.00	40.24 2.13 0.00	36.22 1.82 0.00	31.96 1.53 0.00	29.72 1.29 0.00
HUNTINGTON_RES_REC 323705	20.53 1.74 -0.25	19.58 1.55 0.00	16.02 1.29 0.00	15.71 1.17 0.00	15.23 1.09 0.00	15.98 0.99 0.00	18.47 1.13 0.00	20.31 1.29 0.00	22.44 1.36 0.00	22.45 1.68 0.00	24.97 2.08 -0.87	33.75 2.10 -9.85	31.97 2.76 -0.74	35.68 2.96 -3.47	38.72 2.93 -7.80	31.79 2.71 -0.01	82.56 2.76 -48.81	35.48 3.00 -0.02	74.53 4.03 -29.17	50.86 3.19 -15.82	41.31 3.20 0.00	37.29 2.89 0.00	33.00 2.57 0.00	30.64 2.21 0.00
HUNTLEY___63 23557	18.55 0.02 0.00	18.03 0.00 0.00	14.45 -0.27 0.00	14.31 -0.22 0.00	13.83 -0.30 0.00	14.64 -0.35 0.00	17.13 -0.20 0.00	18.89 -0.13 0.00	21.50 0.42 0.00	21.13 0.36 0.00	22.03 0.01 0.00	21.98 0.18 0.00	28.80 0.33 0.00	29.67 0.41 0.00	27.37 -0.62 0.00	28.36 -0.70 0.00	30.43 -0.56 0.00	31.72 -0.74 0.00	40.01 -1.32 0.00	30.71 -1.15 0.00	36.91 -1.21 0.00	33.78 -0.61 0.00	30.73 0.30 0.00	28.89 0.47 0.00
HUNTLEY___64 23558	18.55 0.02 0.00	18.03 0.00 0.00	14.45 -0.27 0.00	14.31 -0.22 0.00	13.83 -0.30 0.00	14.64 -0.35 0.00	17.13 -0.20 0.00	18.89 -0.13 0.00	21.50 0.42 0.00	21.13 0.36 0.00	22.03 0.01 0.00	21.98 0.18 0.00	28.80 0.33 0.00	29.67 0.41 0.00	27.37 -0.62 0.00	28.36 -0.70 0.00	30.43 -0.56 0.00	31.72 -0.74 0.00	40.01 -1.32 0.00	30.71 -1.15 0.00	36.91 -1.21 0.00	33.78 -0.61 0.00	30.73 0.30 0.00	28.89 0.47 0.00
HUNTLEY___65 23559	18.55 0.02 0.00	18.03 0.00 0.00	14.45 -0.27 0.00	14.31 -0.22 0.00	13.83 -0.30 0.00	14.64 -0.35 0.00	17.13 -0.20 0.00	18.89 -0.13 0.00	21.50 0.42 0.00	21.13 0.36 0.00	22.03 0.01 0.00	21.98 0.18 0.00	28.80 0.33 0.00	29.67 0.41 0.00	27.37 -0.62 0.00	28.36 -0.70 0.00	30.43 -0.56 0.00	31.72 -0.74 0.00	40.01 -1.32 0.00	30.71 -1.15 0.00	36.91 -1.21 0.00	33.78 -0.61 0.00	30.73 0.30 0.00	28.89 0.47 0.00
HUNTLEY___66 23560	18.55 0.02 0.00	18.03 0.00 0.00	14.45 -0.27 0.00	14.31 -0.22 0.00	13.83 -0.30 0.00	14.64 -0.35 0.00	17.13 -0.20 0.00	18.89 -0.13 0.00	21.50 0.42 0.00	21.13 0.36 0.00	22.03 0.01 0.00	21.98 0.18 0.00	28.80 0.33 0.00	29.67 0.41 0.00	27.37 -0.62 0.00	28.36 -0.70 0.00	30.43 -0.56 0.00	31.72 -0.74 0.00	40.01 -1.32 0.00	30.71 -1.15 0.00	36.91 -1.21 0.00	33.78 -0.61 0.00	30.73 0.30 0.00	28.89 0.47 0.00
HUNTLEY___67 23561	18.39 -0.15 0.00	17.88 -0.14 0.00	14.35 -0.37 0.00	14.21 -0.32 0.00	13.75 -0.39 0.00	14.54 -0.46 0.00	17.01 -0.32 0.00	18.76 -0.26 0.00	21.33 0.25 0.00	20.95 0.18 0.00	21.85 -0.17 0.00	21.78 -0.02 0.00	28.54 0.08 0.00	29.45 0.19 0.00	27.26 -0.73 0.00	28.27 -0.79 0.00	30.34 -0.65 0.00	31.60 -0.86 0.00	39.92 -1.41 0.00	30.67 -1.19 0.00	36.80 -1.31 0.00	33.55 -0.84 0.00	30.51 0.08 0.00	28.69 0.26 0.00
HUNTLEY___68 23562	18.39 -0.15 0.00	17.88 -0.14 0.00	14.35 -0.37 0.00	14.21 -0.32 0.00	13.75 -0.39 0.00	14.54 -0.46 0.00	17.01 -0.32 0.00	18.76 -0.26 0.00	21.33 0.25 0.00	20.95 0.18 0.00	21.85 -0.17 0.00	21.78 -0.02 0.00	28.54 0.08 0.00	29.45 0.19 0.00	27.26 -0.73 0.00	28.27 -0.79 0.00	30.34 -0.65 0.00	31.60 -0.86 0.00	39.92 -1.41 0.00	30.67 -1.19 0.00	36.80 -1.31 0.00	33.55 -0.84 0.00	30.51 0.08 0.00	28.69 0.26 0.00
HYLAND___LFGE 323620	19.31 0.76 0.00	18.72 0.70 0.00	15.11 0.39 0.00	14.94 0.41 0.00	14.48 0.34 0.00	15.41 0.42 0.00	18.00 0.67 0.00	19.72 0.70 0.00	21.84 0.76 0.00	21.53 0.76 0.00	22.60 0.58 0.00	22.46 0.66 0.00	29.20 0.74 0.00	29.71 0.46 0.00	27.59 -0.40 0.00	28.84 -0.23 0.00	30.98 -0.01 0.00	32.37 -0.09 0.00	41.05 -0.28 0.00	32.51 0.64 0.00	39.25 1.14 0.00	36.33 1.93 0.00	32.75 2.32 0.00	30.66 2.23 0.00
INDECK___CORINTH 23802	19.26 0.72 0.00	18.69 0.67 0.00	15.31 0.59 0.00	15.10 0.57 0.00	14.70 0.56 0.00	15.57 0.58 0.00	18.02 0.68 0.00	19.72 0.71 0.00	21.65 0.57 0.00	21.34 0.57 0.00	22.91 0.70 -0.19	24.42 0.56 -2.05	29.38 0.91 0.00	30.26 1.00 0.00	29.21 1.22 0.00	30.42 1.36 0.00	32.54 1.54 0.00	34.28 1.82 0.00	44.07 2.74 0.00	33.67 1.81 0.00	40.19 2.08 0.00	36.31 1.91 0.00	31.93 1.50 0.00	29.59 1.16 0.00
INDECK___ILION 23567	18.40 -0.14 0.00	17.86 -0.16 0.00	14.62 -0.10 0.00	14.44 -0.09 0.00	14.06 -0.08 0.00	14.90 -0.09 0.00	17.21 -0.13 0.00	18.86 -0.16 0.00	20.86 -0.22 0.00	20.56 -0.21 0.00	21.88 -0.14 0.00	21.68 -0.12 0.00	28.33 -0.13 0.00	29.15 -0.10 0.00	27.98 -0.01 0.00	29.00 -0.07 0.00	30.95 -0.05 0.00	32.52 0.06 0.00	41.58 0.25 0.00	32.05 0.19 0.00	38.32 0.21 0.00	34.51 0.11 0.00	30.41 -0.02 0.00	28.34 -0.09 0.00
INDECK___OLEAN 23982	18.60 0.06 0.00	18.01 -0.01 0.00	14.55 -0.17 0.00	14.47 -0.07 0.00	14.05 -0.08 0.00	14.89 -0.11 0.00	17.33 -0.01 0.00	19.14 0.12 0.00	21.66 0.58 0.00	21.43 0.66 0.00	22.39 0.37 0.00	22.20 0.40 0.00	29.05 0.59 0.00	30.02 0.76 0.00	28.02 0.04 0.00	29.14 0.08 0.00	31.14 0.14 0.00	32.50 0.04 0.00	41.01 -0.32 0.00	31.52 -0.34 0.00	37.69 -0.42 0.00	34.23 -0.17 0.00	30.67 0.23 0.00	29.09 0.66 0.00
INDECK___OSWEGO 23783	18.00 -0.54 0.00	17.48 -0.54 0.00	14.28 -0.44 0.00	14.10 -0.43 0.00	13.72 -0.42 0.00	14.56 -0.43 0.00	16.86 -0.47 0.00	18.51 -0.51 0.00	20.58 -0.50 0.00	20.29 -0.48 0.00	21.39 -0.63 0.00	21.15 -0.64 0.00	27.59 -0.88 0.00	28.99 -0.86 -0.59	27.64 -0.90 -0.54	28.84 -0.90 -0.68	32.16 -0.93 -2.10	36.98 -0.86 -5.38	49.40 -1.10 -9.17	35.73 -0.83 -4.70	44.53 -1.07 -7.48	38.93 -1.01 -5.54	31.48 -0.91 -1.96	28.80 -0.72 -1.09



INDECK___YERKES 23781	18.58 0.04 0.00	18.05 0.02 0.00	14.47 -0.25 0.00	14.32 -0.21 0.00	13.85 -0.29 0.00	14.66 -0.34 0.00	17.15 -0.19 0.00	18.91 -0.11 0.00	21.53 0.45 0.00	21.15 0.38 0.00	22.04 0.03 0.00	22.00 0.20 0.00	28.82 0.36 0.00	29.72 0.46 0.00	27.38 -0.61 0.00	28.37 -0.70 0.00	30.44 -0.55 0.00	31.72 -0.74 0.00	40.02 -1.32 0.00	30.72 -1.14 0.00	36.95 -1.17 0.00	33.83 -0.57 0.00	30.76 0.33 0.00	28.92 0.49 0.00
INDIAN POINT_GT_1 24139	19.64 1.10 0.00	19.03 1.00 0.00	15.55 0.83 0.00	15.35 0.82 0.00	14.95 0.82 0.00	15.84 0.85 0.00	18.26 0.92 0.00	20.05 1.04 0.00	22.16 1.08 0.00	21.98 1.21 0.00	24.53 1.49 -1.02	34.16 1.48 -10.88	30.37 1.91 0.00	31.27 2.01 0.00	30.05 2.06 0.00	31.12 2.06 0.00	33.08 2.08 0.00	34.66 2.19 0.00	44.16 2.83 0.00	33.95 2.09 0.00	40.33 2.21 0.00	36.47 2.07 0.00	32.29 1.86 0.00	30.03 1.59 0.00
INDIAN POINT_GT_2 23659	19.64 1.10 0.00	19.03 1.00 0.00	15.55 0.83 0.00	15.35 0.82 0.00	14.95 0.82 0.00	15.84 0.85 0.00	18.26 0.92 0.00	20.05 1.04 0.00	22.16 1.08 0.00	21.98 1.21 0.00	24.53 1.49 -1.02	34.16 1.48 -10.88	30.37 1.91 0.00	31.27 2.01 0.00	30.05 2.06 0.00	31.12 2.06 0.00	33.08 2.08 0.00	34.66 2.19 0.00	44.16 2.83 0.00	33.95 2.09 0.00	40.33 2.21 0.00	36.47 2.07 0.00	32.29 1.86 0.00	30.03 1.59 0.00
INDIAN POINT_GT_3 24019	19.64 1.10 0.00	19.03 1.00 0.00	15.55 0.83 0.00	15.35 0.82 0.00	14.95 0.82 0.00	15.84 0.85 0.00	18.26 0.92 0.00	20.05 1.04 0.00	22.16 1.08 0.00	21.98 1.21 0.00	24.53 1.49 -1.02	34.16 1.48 -10.88	30.37 1.91 0.00	31.27 2.01 0.00	30.05 2.06 0.00	31.12 2.06 0.00	33.08 2.08 0.00	34.66 2.19 0.00	44.16 2.83 0.00	33.95 2.09 0.00	40.33 2.21 0.00	36.47 2.07 0.00	32.29 1.86 0.00	30.03 1.59 0.00
INDIAN POINT___2 23530	19.62 1.07 0.00	18.99 0.97 0.00	15.53 0.80 0.00	15.33 0.79 0.00	14.93 0.79 0.00	15.82 0.82 0.00	18.23 0.89 0.00	20.02 1.00 0.00	22.12 1.04 0.00	21.94 1.17 0.00	24.82 1.45 -1.36	37.71 1.45 -14.47	30.33 1.86 0.00	31.21 1.95 0.00	29.99 2.00 0.00	31.06 2.00 0.00	33.01 2.01 0.00	34.58 2.12 0.00	44.05 2.72 0.00	33.87 2.01 0.00	40.23 2.12 0.00	36.38 1.99 0.00	32.23 1.80 0.00	29.97 1.53 0.00
INDIAN POINT___3 23531	19.61 1.07 0.00	19.00 0.97 0.00	15.54 0.81 0.00	15.33 0.80 0.00	14.93 0.79 0.00	15.82 0.83 0.00	18.23 0.90 0.00	20.02 1.00 0.00	22.12 1.04 0.00	21.93 1.16 0.00	24.51 1.44 -1.05	34.38 1.44 -11.14	30.31 1.84 0.00	31.20 1.94 0.00	29.98 1.99 0.00	31.04 1.98 0.00	32.99 2.00 0.00	34.56 2.10 0.00	44.05 2.71 0.00	33.86 2.00 0.00	40.23 2.12 0.00	36.38 1.98 0.00	32.22 1.78 0.00	29.95 1.52 0.00
INGHAM_C_115KV_TB7 356103	18.17 -0.37 0.00	17.62 -0.40 0.00	14.47 -0.26 0.00	14.27 -0.26 0.00	13.92 -0.22 0.00	14.73 -0.27 0.00	16.98 -0.36 0.00	18.59 -0.43 0.00	20.43 -0.65 0.00	20.13 -0.64 0.00	21.53 -0.49 0.00	21.34 -0.46 0.00	27.94 -0.52 0.00	28.81 -0.45 0.00	27.76 -0.23 0.00	28.69 -0.37 0.00	30.66 -0.33 0.00	32.33 -0.13 0.00	41.56 0.22 0.00	32.03 0.17 0.00	38.32 0.21 0.00	34.47 0.08 0.00	30.25 -0.18 0.00	28.12 -0.31 0.00
IP CORINTH___1 23988	19.36 0.82 0.00	18.79 0.76 0.00	15.39 0.67 0.00	15.18 0.65 0.00	14.78 0.64 0.00	15.66 0.66 0.00	18.11 0.77 0.00	19.83 0.81 0.00	21.78 0.70 0.00	21.47 0.69 0.00	23.03 0.82 -0.19	24.54 0.69 -2.05	29.54 1.08 0.00	30.43 1.18 0.00	29.37 1.38 0.00	30.58 1.52 0.00	32.72 1.72 0.00	34.47 2.01 0.00	44.30 2.97 0.00	33.85 1.99 0.00	40.41 2.29 0.00	36.50 2.10 0.00	32.11 1.68 0.00	29.75 1.32 0.00
IP___TICONDEROGA 23804	20.43 1.89 0.00	19.59 1.56 0.00	16.11 1.39 0.00	15.87 1.33 0.00	15.41 1.27 0.00	16.27 1.28 0.00	18.97 1.63 0.00	20.74 1.72 0.00	22.78 1.70 0.00	22.43 1.66 0.00	24.13 1.92 -0.19	25.77 1.91 -2.06	31.23 2.76 0.00	32.13 2.87 0.00	31.16 3.18 0.00	32.30 3.23 0.00	34.70 3.70 0.00	36.79 4.33 0.00	47.53 6.20 0.00	35.73 3.87 0.00	42.45 4.33 0.00	38.68 4.28 0.00	33.88 3.45 0.00	31.44 3.00 0.00
ISLIP_RES_REC 323679	20.79 2.00 -0.25	19.80 1.78 0.00	16.20 1.48 0.00	15.91 1.38 0.00	15.44 1.30 0.00	16.19 1.19 0.00	18.78 1.44 0.00	20.65 1.63 0.00	22.84 1.76 0.00	22.88 2.10 0.00	25.33 2.44 -0.87	34.10 2.45 -9.85	32.46 3.25 -0.74	36.23 3.50 -3.47	37.08 3.43 -5.66	32.35 3.28 0.00	53.17 3.36 -18.81	36.09 3.63 0.00	75.22 4.72 -29.17	51.36 3.68 -15.82	41.89 3.78 0.00	37.81 3.41 0.00	33.51 3.08 0.00	31.14 2.71 0.00
JAMAICA__27_KV_LOAD 355505	19.94 1.40 0.00	19.30 1.28 0.00	15.76 1.04 0.00	15.56 1.03 0.00	15.15 1.02 0.00	16.06 1.07 0.00	18.52 1.18 0.00	20.36 1.34 0.00	22.48 1.40 0.00	22.31 1.54 0.00	24.72 1.82 -0.88	33.00 1.86 -9.35	30.85 2.39 0.00	31.80 2.54 0.00	30.62 2.63 0.00	31.65 2.58 0.00	33.61 2.61 0.00	35.18 2.72 0.00	44.70 3.37 0.00	34.42 2.56 0.00	40.84 2.72 0.00	36.97 2.57 0.00	32.87 2.44 0.00	30.55 2.12 0.00
JANIS___SOLAR 323808	19.18 0.64 0.00	18.59 0.57 0.00	15.14 0.42 0.00	14.96 0.43 0.00	14.56 0.42 0.00	15.47 0.48 0.00	17.97 0.63 0.00	19.77 0.75 0.00	21.94 0.86 0.00	21.51 0.74 0.00	22.67 0.65 0.00	22.48 0.68 0.00	29.42 0.96 0.00	30.61 1.23 -0.12	29.22 1.12 -0.11	30.43 1.23 -0.14	32.82 1.41 -0.42	35.35 1.81 -1.08	45.54 2.36 -1.85	34.84 2.04 -0.95	42.09 2.47 -1.50	37.67 2.15 -1.11	32.65 1.83 -0.40	30.29 1.64 -0.22
JARVIS____ 23743	18.50 -0.04 0.00	17.97 -0.05 0.00	14.69 -0.03 0.00	14.50 -0.03 0.00	14.12 -0.02 0.00	14.98 -0.02 0.00	17.32 -0.02 0.00	18.99 -0.04 0.00	21.06 -0.02 0.00	20.77 0.00 0.00	22.03 0.01 0.00	21.82 0.02 0.00	28.49 0.03 0.00	29.26 0.00 0.00	27.99 0.01 0.00	29.07 0.00 0.00	31.00 0.00 0.00	32.50 0.04 0.00	41.42 0.08 0.00	31.92 0.06 0.00	38.15 0.04 0.00	34.39 -0.01 0.00	30.40 -0.04 0.00	28.37 -0.06 0.00
JENNISON___1 23625	19.32 0.78 0.00	18.72 0.70 0.00	15.26 0.53 0.00	15.08 0.54 0.00	14.67 0.53 0.00	15.59 0.60 0.00	18.11 0.77 0.00	19.93 0.91 0.00	22.17 1.09 0.00	21.88 1.11 0.00	23.18 1.16 0.00	23.00 1.20 0.00	30.08 1.62 0.00	31.19 1.85 -0.08	29.73 1.67 -0.08	30.99 1.83 -0.09	33.30 2.02 -0.30	35.46 2.24 -0.76	45.47 2.84 -1.30	34.83 2.30 -0.66	41.83 2.66 -1.06	37.54 2.36 -0.78	32.70 1.99 -0.28	30.38 1.80 -0.15
JENNISON___2 23626	19.32 0.78 0.00	18.72 0.70 0.00	15.26 0.53 0.00	15.08 0.54 0.00	14.67 0.53 0.00	15.59 0.60 0.00	18.11 0.77 0.00	19.93 0.91 0.00	22.17 1.09 0.00	21.88 1.11 0.00	23.18 1.16 0.00	23.00 1.20 0.00	30.08 1.62 0.00	31.19 1.85 -0.08	29.73 1.67 -0.08	30.99 1.83 -0.09	33.30 2.02 -0.30	35.46 2.24 -0.76	45.47 2.84 -1.30	34.83 2.30 -0.66	41.83 2.66 -1.06	37.54 2.36 -0.78	32.70 1.99 -0.28	30.38 1.80 -0.15

JERICO_RISE_WT_PWR 323719	19.15 0.61 0.00	18.62 0.59 0.00	15.17 0.45 0.00	14.92 0.39 0.00	14.50 0.36 0.00	15.18 0.18 0.00	17.56 0.23 0.00	19.25 0.23 0.00	21.33 0.25 0.00	21.03 0.26 0.00	22.34 0.32 0.00	22.02 0.22 0.00	28.56 0.09 0.00	29.27 0.01 0.00	27.85 -0.14 0.00	28.92 -0.14 0.00	30.68 -0.32 0.00	31.96 -0.50 0.00	40.28 -1.05 0.00	30.78 -1.08 0.00	37.39 -0.72 0.00	34.85 0.45 0.00	31.17 0.74 0.00	29.12 0.69 0.00
KATONAH__115KV_46KV_TB4 355592	19.77 1.23 0.00	19.15 1.13 0.00	15.66 0.94 0.00	15.45 0.92 0.00	15.05 0.91 0.00	15.94 0.95 0.00	18.39 1.06 0.00	20.21 1.19 0.00	22.31 1.24 0.00	22.14 1.37 0.00	24.23 1.65 -0.56	29.41 1.66 -5.95	30.62 2.16 0.00	31.57 2.31 0.00	30.37 2.38 0.00	31.47 2.40 0.00	33.46 2.46 0.00	35.05 2.59 0.00	44.67 3.34 0.00	34.35 2.49 0.00	40.78 2.66 0.00	36.82 2.42 0.00	32.56 2.13 0.00	30.26 1.83 0.00
KCE_NY_1 323755	19.47 0.93 0.00	18.95 0.92 0.00	15.52 0.80 0.00	15.31 0.78 0.00	14.91 0.78 0.00	15.80 0.81 0.00	18.25 0.91 0.00	20.01 0.99 0.00	22.02 0.94 0.00	21.70 0.93 0.00	23.29 1.08 -0.19	24.86 0.99 -2.07	29.85 1.38 0.00	30.81 1.55 0.00	29.55 1.57 0.00	30.74 1.67 0.00	32.82 1.83 0.00	34.47 2.02 0.00	44.27 2.93 0.00	33.97 2.11 0.00	40.58 2.47 0.00	36.60 2.20 0.00	32.25 1.82 0.00	29.92 1.49 0.00
KCE_NY_6_ESR 323823	18.62 0.07 0.00	18.07 0.05 0.00	14.51 -0.21 0.00	14.37 -0.16 0.00	13.91 -0.23 0.00	14.72 -0.28 0.00	17.21 -0.13 0.00	19.00 -0.02 0.00	21.61 0.53 0.00	21.25 0.48 0.00	22.19 0.16 0.00	22.13 0.33 0.00	29.00 0.54 0.00	29.96 0.70 0.00	27.75 -0.24 0.00	28.78 -0.28 0.00	30.91 -0.08 0.00	32.19 -0.27 0.00	40.66 -0.68 0.00	31.27 -0.59 0.00	37.46 -0.65 0.00	34.12 -0.28 0.00	30.95 0.51 0.00	29.11 0.68 0.00
KEDC_PORT_JEFF_GT2 24210	20.60 1.81 -0.25	19.64 1.61 0.00	16.08 1.35 0.00	15.79 1.25 0.00	15.31 1.18 0.00	16.06 1.07 0.00	18.60 1.26 0.00	20.42 1.40 0.00	22.56 1.48 0.00	22.60 1.83 0.00	25.08 2.19 -0.87	33.86 2.20 -9.85	32.11 2.90 -0.74	35.84 3.11 -3.47	37.00 3.05 -5.97	31.75 2.69 0.00	56.86 2.71 -23.16	35.35 2.89 0.00	74.31 3.81 -29.17	50.75 3.07 -15.82	41.18 3.06 0.00	37.19 2.79 0.00	33.04 2.61 0.00	30.76 2.33 0.00
KEDC_PORT_JEFF_GT3 24211	20.60 1.81 -0.25	19.64 1.61 0.00	16.08 1.35 0.00	15.79 1.25 0.00	15.31 1.18 0.00	16.06 1.07 0.00	18.60 1.26 0.00	20.42 1.40 0.00	22.56 1.48 0.00	22.60 1.83 0.00	25.08 2.19 -0.87	33.86 2.20 -9.85	32.11 2.90 -0.74	35.84 3.11 -3.47	37.00 3.05 -5.97	31.75 2.69 0.00	56.86 2.71 -23.16	35.35 2.89 0.00	74.31 3.81 -29.17	50.75 3.07 -15.82	41.18 3.06 0.00	37.19 2.79 0.00	33.04 2.61 0.00	30.76 2.33 0.00
KEDC_GLWD_GT4 24219	20.27 1.47 -0.25	19.35 1.33 0.00	15.83 1.10 0.00	15.58 1.04 0.00	15.15 1.01 0.00	16.00 1.01 0.00	18.46 1.13 0.00	20.30 1.28 0.00	22.43 1.35 0.00	22.27 1.50 0.00	24.77 1.88 -0.87	33.58 1.93 -9.85	31.70 2.49 -0.74	35.34 2.62 -3.47	34.95 2.64 -4.32	31.55 2.49 0.00	33.53 2.54 0.00	35.16 2.70 0.00	73.98 3.48 -29.17	50.28 2.61 -15.82	40.85 2.73 0.00	36.92 2.52 0.00	32.74 2.30 0.00	30.42 1.99 0.00
KEDC_GLWD_GT5 24220	20.27 1.47 -0.25	19.35 1.33 0.00	15.83 1.10 0.00	15.58 1.04 0.00	15.15 1.01 0.00	16.00 1.01 0.00	18.46 1.13 0.00	20.30 1.28 0.00	22.43 1.35 0.00	22.27 1.50 0.00	24.77 1.88 -0.87	33.58 1.93 -9.85	31.70 2.49 -0.74	35.34 2.62 -3.47	34.95 2.64 -4.32	31.55 2.49 0.00	33.53 2.54 0.00	35.16 2.70 0.00	73.98 3.48 -29.17	50.28 2.61 -15.82	40.85 2.73 0.00	36.92 2.52 0.00	32.74 2.30 0.00	30.42 1.99 0.00
KENSICO____ 23655	19.70 1.16 0.00	19.08 1.06 0.00	15.60 0.88 0.00	15.40 0.86 0.00	15.00 0.86 0.00	15.88 0.89 0.00	18.31 0.97 0.00	20.11 1.09 0.00	22.22 1.14 0.00	22.05 1.28 0.00	24.52 1.57 -0.93	33.30 1.57 -9.93	30.48 2.02 0.00	31.38 2.12 0.00	30.17 2.18 0.00	31.24 2.17 0.00	33.18 2.19 0.00	34.75 2.29 0.00	44.29 2.96 0.00	34.05 2.19 0.00	40.43 2.32 0.00	36.55 2.16 0.00	32.38 1.95 0.00	30.11 1.68 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.78 1.24 0.00	19.14 1.12 0.00	15.63 0.91 0.00	15.42 0.88 0.00	15.01 0.87 0.00	15.91 0.92 0.00	18.36 1.02 0.00	20.17 1.15 0.00	22.29 1.21 0.00	22.09 1.32 0.00	23.67 1.65 0.00	23.48 1.68 0.00	30.68 2.21 0.00	31.64 2.38 0.00	30.45 2.46 0.00	31.52 2.45 0.00	33.51 2.51 0.00	35.22 2.76 0.00	44.95 3.62 0.00	34.63 2.77 0.00	41.11 2.99 0.00	37.05 2.65 0.00	32.70 2.27 0.00	30.35 1.92 0.00
KIAC_JFK_GT1 23816	19.88 1.34 0.00	19.24 1.22 0.00	15.72 0.99 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.02 1.03 0.00	18.47 1.13 0.00	20.30 1.28 0.00	22.42 1.33 0.00	22.24 1.47 0.00	24.64 1.74 -0.88	32.91 1.77 -9.35	30.73 2.26 0.00	31.67 2.41 0.00	30.50 2.51 0.00	31.54 2.47 0.00	33.48 2.49 0.00	35.05 2.59 0.00	44.54 3.21 0.00	34.28 2.42 0.00	40.69 2.57 0.00	36.82 2.42 0.00	32.75 2.32 0.00	30.43 2.00 0.00
KIAC_JFK_GT2 23817	19.88 1.34 0.00	19.24 1.22 0.00	15.72 0.99 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.02 1.03 0.00	18.47 1.13 0.00	20.30 1.28 0.00	22.42 1.33 0.00	22.24 1.47 0.00	24.64 1.74 -0.88	32.91 1.77 -9.35	30.73 2.26 0.00	31.67 2.41 0.00	30.50 2.51 0.00	31.54 2.47 0.00	33.48 2.49 0.00	35.05 2.59 0.00	44.54 3.21 0.00	34.28 2.42 0.00	40.69 2.57 0.00	36.82 2.42 0.00	32.75 2.32 0.00	30.43 2.00 0.00
KIAC_JFK____ 323774	19.87 1.34 0.00	19.24 1.22 0.00	15.72 0.99 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.03 1.03 0.00	18.47 1.13 0.00	20.30 1.28 0.00	22.42 1.34 0.00	22.24 1.47 0.00	24.64 1.75 -0.88	32.91 1.76 -9.35	30.73 2.26 0.00	31.67 2.41 0.00	30.50 2.51 0.00	31.53 2.47 0.00	33.48 2.49 0.00	35.04 2.58 0.00	44.53 3.19 0.00	34.28 2.42 0.00	40.68 2.56 0.00	36.82 2.42 0.00	32.75 2.32 0.00	30.43 2.00 0.00
KINTIGH____ 23543	18.30 -0.24 0.00	17.80 -0.22 0.00	14.33 -0.39 0.00	14.18 -0.35 0.00	13.73 -0.41 0.00	14.53 -0.46 0.00	16.98 -0.36 0.00	18.70 -0.31 0.00	21.18 0.10 0.00	20.81 0.04 0.00	21.75 -0.27 0.00	21.65 -0.14 0.00	28.40 -0.07 0.00	29.29 0.03 0.00	27.26 -0.73 0.00	28.27 -0.79 0.00	30.30 -0.69 0.00	31.60 -0.86 0.00	40.01 -1.33 0.00	30.71 -1.15 0.00	36.82 -1.29 0.00	33.53 -0.87 0.00	30.36 -0.07 0.00	28.51 0.08 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.44 0.90 0.00	18.89 0.87 0.00	15.40 0.68 0.00	15.14 0.60 0.00	14.70 0.56 0.00	15.40 0.41 0.00	17.85 0.51 0.00	19.57 0.55 0.00	21.66 0.57 0.00	21.38 0.61 0.00	22.70 0.68 0.00	22.36 0.56 0.00	28.94 0.48 0.00	29.68 0.43 0.00	28.28 0.29 0.00	29.37 0.30 0.00	31.17 0.17 0.00	32.60 0.14 0.00	41.13 -0.21 0.00	31.36 -0.50 0.00	38.08 -0.04 0.00	35.55 1.15 0.00	31.76 1.32 0.00	29.59 1.16 0.00

LACHUTE____HYDRO 323717	20.43 1.89 0.00	19.59 1.56 0.00	16.11 1.39 0.00	15.87 1.33 0.00	15.41 1.27 0.00	16.27 1.28 0.00	18.96 1.63 0.00	20.74 1.72 0.00	22.78 1.70 0.00	22.43 1.66 0.00	24.11 1.90 -0.19	25.77 1.91 -2.06	31.23 2.76 0.00	32.13 2.87 0.00	31.16 3.18 0.00	32.30 3.23 0.00	34.70 3.70 0.00	36.79 4.33 0.00	47.53 6.20 0.00	35.72 3.87 0.00	42.45 4.33 0.00	38.68 4.28 0.00	33.88 3.44 0.00	31.44 3.01 0.00
LAWRNCAV_115KV_TB1 80681	18.62 0.08 0.00	18.14 0.11 0.00	14.80 0.08 0.00	14.59 0.06 0.00	14.19 0.06 0.00	15.06 0.07 0.00	17.49 0.15 0.00	19.16 0.14 0.00	21.04 -0.04 0.00	20.53 -0.24 0.00	21.83 -0.19 0.00	21.48 -0.32 0.00	27.90 -0.56 0.00	28.62 -0.68 -0.05	27.34 -0.69 -0.04	28.34 -0.78 -0.05	30.28 -0.86 -0.15	31.87 -0.97 -0.38	40.73 -1.26 -0.66	31.30 -0.90 -0.34	37.74 -0.91 -0.53	34.09 -0.70 -0.40	29.88 -0.69 -0.14	27.84 -0.67 -0.08
LEDERLE____ 23769	19.68 1.14 0.00	19.04 1.01 0.00	15.56 0.83 0.00	15.36 0.83 0.00	14.96 0.83 0.00	15.86 0.87 0.00	18.28 0.94 0.00	20.07 1.06 0.00	22.19 1.12 0.00	22.03 1.25 0.00	22.44 1.56 1.15	11.15 1.57 12.22	30.49 2.03 0.00	31.39 2.13 0.00	30.15 2.16 0.00	31.23 2.17 0.00	33.19 2.20 0.00	34.77 2.31 0.00	44.28 2.94 0.00	34.03 2.18 0.00	40.41 2.30 0.00	36.56 2.16 0.00	32.35 1.92 0.00	30.07 1.64 0.00
LIGHTHSE_115KV_TB6 355974	17.98 -0.56 0.00	17.45 -0.57 0.00	14.26 -0.47 0.00	14.08 -0.45 0.00	13.71 -0.43 0.00	14.62 -0.37 0.00	16.95 -0.39 0.00	18.60 -0.42 0.00	20.75 -0.33 0.00	20.46 -0.31 0.00	21.67 -0.35 0.00	21.49 -0.31 0.00	27.88 -0.59 0.00	28.96 -0.63 -0.33	27.58 -0.71 -0.30	28.68 -0.76 -0.37	31.31 -0.83 -1.14	34.84 -0.56 -2.94	45.69 -0.65 -5.01	34.11 -0.32 -2.57	41.75 -0.45 -4.09	36.85 -0.57 -3.03	30.78 -0.72 -1.07	28.34 -0.68 -0.59
LINDEN COGEN____ 23786	19.69 1.15 0.00	19.08 1.05 0.00	15.60 0.88 0.00	15.40 0.86 0.00	15.00 0.86 0.00	15.89 0.90 0.00	18.30 0.96 0.00	20.10 1.08 0.00	22.20 1.13 0.00	22.06 1.28 0.00	24.50 1.61 -0.88	28.56 1.62 -5.14	30.54 2.07 0.00	31.47 2.21 0.00	30.31 2.32 0.00	31.33 2.26 0.00	33.23 2.24 0.00	34.75 2.28 0.00	44.22 2.89 0.00	34.01 2.15 0.00	40.28 2.16 0.00	36.43 2.03 0.00	32.35 1.91 0.00	30.11 1.68 0.00
LINDHRST_69_KV_BK1 356055	20.66 1.87 -0.25	19.68 1.66 0.00	16.10 1.37 0.00	15.80 1.27 0.00	15.34 1.20 0.00	16.13 1.14 0.00	18.65 1.32 0.00	20.53 1.51 0.00	22.69 1.61 0.00	22.66 1.89 0.00	25.16 2.27 -0.87	33.97 2.32 -9.85	32.22 3.01 -0.74	35.90 3.18 -3.47	35.53 3.10 -4.44	32.01 2.95 0.00	35.70 3.01 -1.70	35.75 3.29 0.00	74.80 4.30 -29.17	50.98 3.31 -15.82	41.60 3.49 0.00	37.63 3.22 0.00	33.37 2.94 0.00	30.97 2.54 0.00
LIPA_MISC_IPP 23656	20.58 1.79 -0.25	19.61 1.59 0.00	16.07 1.34 0.00	15.80 1.27 0.00	15.35 1.21 0.00	16.09 1.10 0.00	18.71 1.37 0.00	20.56 1.54 0.00	22.68 1.59 0.00	22.68 1.91 0.00	25.04 2.15 -0.87	33.77 2.12 -9.85	31.98 2.77 -0.74	35.70 2.97 -3.47	36.62 2.92 -5.72	31.80 2.73 0.00	53.39 2.75 -19.65	35.48 3.02 0.00	74.46 3.96 -29.17	50.78 3.10 -15.82	41.22 3.11 0.00	37.23 2.83 0.00	33.00 2.57 0.00	30.72 2.29 0.00
LISF____SOLAR 323691	20.61 1.82 -0.25	19.63 1.61 0.00	16.09 1.37 0.00	15.82 1.29 0.00	15.37 1.23 0.00	16.11 1.12 0.00	18.73 1.39 0.00	20.59 1.57 0.00	22.70 1.62 0.00	22.70 1.94 0.00	25.08 2.19 -0.87	33.81 2.16 -9.85	32.03 2.82 -0.74	35.76 3.03 -3.47	36.70 2.98 -5.74	31.86 2.79 0.00	53.69 2.81 -19.88	35.57 3.10 0.00	74.57 4.07 -29.17	50.86 3.19 -15.82	41.31 3.20 0.00	37.31 2.91 0.00	33.06 2.63 0.00	30.78 2.35 0.00
LITTLE FALLS____HYD 24013	18.17 -0.37 0.00	17.62 -0.40 0.00	14.47 -0.26 0.00	14.27 -0.26 0.00	13.92 -0.22 0.00	14.73 -0.27 0.00	16.98 -0.36 0.00	18.59 -0.43 0.00	20.43 -0.65 0.00	20.13 -0.64 0.00	21.53 -0.49 0.00	21.34 -0.46 0.00	27.94 -0.52 0.00	28.81 -0.45 0.00	27.76 -0.23 0.00	28.69 -0.37 0.00	30.66 -0.33 0.00	32.33 -0.13 0.00	41.56 0.22 0.00	32.03 0.17 0.00	38.32 0.21 0.00	34.47 0.08 0.00	30.25 -0.18 0.00	28.12 -0.31 0.00
LITTLRIV_115KV_TB1 356100	18.81 0.27 0.00	18.31 0.29 0.00	14.94 0.22 0.00	14.73 0.19 0.00	14.33 0.19 0.00	15.21 0.22 0.00	17.70 0.36 0.00	19.39 0.38 0.00	21.30 0.22 0.00	20.76 -0.02 0.00	22.08 0.06 0.00	21.73 -0.07 0.00	28.28 -0.18 0.00	29.04 -0.26 -0.05	27.76 -0.27 -0.04	28.69 -0.43 -0.05	30.65 -0.50 -0.16	32.26 -0.61 -0.41	41.24 -0.80 -0.70	31.73 -0.49 -0.36	38.27 -0.42 -0.57	34.55 -0.27 -0.43	30.25 -0.33 -0.15	28.16 -0.35 -0.08
LI_NEWBRDGE____DRP 323616	20.24 1.46 -0.25	19.32 1.30 0.00	15.81 1.09 0.00	15.53 1.00 0.00	15.09 0.96 0.00	15.89 0.90 0.00	18.35 1.01 0.00	20.17 1.16 0.00	22.26 1.18 0.00	22.21 1.44 0.00	24.69 1.80 -0.87	33.48 1.83 -9.85	31.54 2.34 -0.74	35.16 2.44 -3.47	34.73 2.42 -4.32	31.36 2.29 0.00	33.28 2.28 0.00	34.96 2.50 0.00	73.78 3.28 -29.17	50.19 2.52 -15.82	40.71 2.59 0.00	36.83 2.44 0.00	32.64 2.20 0.00	30.32 1.90 0.00
LOCKPORT_115KV_TB60_63_64 80432	18.43 -0.11 0.00	17.90 -0.12 0.00	14.34 -0.38 0.00	14.20 -0.33 0.00	13.73 -0.41 0.00	14.53 -0.47 0.00	16.99 -0.35 0.00	18.70 -0.32 0.00	21.26 0.17 0.00	20.85 0.07 0.00	21.70 -0.32 0.00	21.64 -0.16 0.00	28.37 -0.10 0.00	29.27 0.02 0.00	27.08 -0.91 0.00	28.04 -1.03 0.00	30.10 -0.89 0.00	31.37 -1.09 0.00	39.65 -1.68 0.00	30.45 -1.41 0.00	36.57 -1.54 0.00	33.38 -1.01 0.00	30.40 -0.03 0.00	28.58 0.15 0.00
LOCKPORT____CC1 323769	18.42 -0.12 0.00	17.89 -0.13 0.00	14.34 -0.38 0.00	14.20 -0.33 0.00	13.72 -0.42 0.00	14.51 -0.48 0.00	16.97 -0.37 0.00	18.68 -0.34 0.00	21.22 0.14 0.00	20.80 0.03 0.00	21.64 -0.38 0.00	21.59 -0.21 0.00	28.30 -0.17 0.00	29.23 -0.03 0.00	27.01 -0.98 0.00	27.96 -1.11 0.00	30.01 -0.98 0.00	31.27 -1.18 0.00	39.54 -1.80 0.00	30.36 -1.50 0.00	36.48 -1.64 0.00	33.28 -1.12 0.00	30.31 -0.12 0.00	28.50 0.07 0.00
LOCKPORT____CC2 323770	18.42 -0.12 0.00	17.89 -0.13 0.00	14.34 -0.38 0.00	14.20 -0.33 0.00	13.72 -0.42 0.00	14.51 -0.48 0.00	16.97 -0.37 0.00	18.68 -0.34 0.00	21.22 0.14 0.00	20.80 0.03 0.00	21.64 -0.38 0.00	21.59 -0.21 0.00	28.30 -0.17 0.00	29.23 -0.03 0.00	27.01 -0.98 0.00	27.96 -1.11 0.00	30.01 -0.98 0.00	31.27 -1.18 0.00	39.54 -1.80 0.00	30.36 -1.50 0.00	36.48 -1.64 0.00	33.28 -1.12 0.00	30.31 -0.12 0.00	28.50 0.07 0.00
LOCKPORT____CC3 323771	18.42 -0.12 0.00	17.89 -0.13 0.00	14.34 -0.38 0.00	14.20 -0.33 0.00	13.72 -0.42 0.00	14.51 -0.48 0.00	16.97 -0.37 0.00	18.68 -0.34 0.00	21.22 0.14 0.00	20.80 0.03 0.00	21.64 -0.38 0.00	21.59 -0.21 0.00	28.30 -0.17 0.00	29.23 -0.03 0.00	27.01 -0.98 0.00	27.96 -1.11 0.00	30.01 -0.98 0.00	31.27 -1.18 0.00	39.54 -1.80 0.00	30.36 -1.50 0.00	36.48 -1.64 0.00	33.28 -1.12 0.00	30.31 -0.12 0.00	28.50 0.07 0.00

LONG_LAKE_PHOENIX 24014	18.12 -0.42 0.00	17.59 -0.43 0.00	14.36 -0.36 0.00	14.19 -0.35 0.00	13.80 -0.34 0.00	14.65 -0.35 0.00	16.96 -0.38 0.00	18.61 -0.40 0.00	20.70 -0.38 0.00	20.41 -0.36 0.00	21.62 -0.40 0.00	21.42 -0.37 0.00	27.98 -0.49 0.00	29.26 -0.45 -0.45	27.91 -0.49 -0.41	29.07 -0.51 -0.51	32.07 -0.52 -1.59	36.09 -0.45 -4.08	47.72 -0.57 -6.95	34.99 -0.44 -3.56	43.21 -0.58 -5.67	38.05 -0.55 -4.20	31.41 -0.50 -1.48	28.79 -0.46 -0.82
LOVETT___3 23632	19.59 1.05 0.00	18.96 0.94 0.00	15.50 0.78 0.00	15.31 0.77 0.00	14.91 0.77 0.00	15.80 0.81 0.00	18.21 0.87 0.00	19.99 0.97 0.00	22.09 1.01 0.00	21.91 1.14 0.00	22.24 1.43 1.20	10.40 1.42 12.82	30.28 1.81 0.00	31.15 1.90 0.00	29.92 1.93 0.00	31.00 1.93 0.00	32.94 1.94 0.00	34.50 2.04 0.00	43.96 2.62 0.00	33.79 1.93 0.00	40.13 2.02 0.00	36.32 1.92 0.00	32.17 1.74 0.00	29.91 1.48 0.00
LOVETT___4 23642	19.59 1.05 0.00	18.96 0.94 0.00	15.50 0.78 0.00	15.31 0.77 0.00	14.91 0.77 0.00	15.80 0.81 0.00	18.21 0.87 0.00	19.99 0.97 0.00	22.09 1.01 0.00	21.91 1.14 0.00	22.24 1.43 1.20	10.40 1.42 12.82	30.28 1.81 0.00	31.15 1.90 0.00	29.92 1.93 0.00	31.00 1.93 0.00	32.94 1.94 0.00	34.50 2.04 0.00	43.96 2.62 0.00	33.79 1.93 0.00	40.13 2.02 0.00	36.32 1.92 0.00	32.17 1.74 0.00	29.91 1.48 0.00
LOVETT___5 23593	19.59 1.05 0.00	18.96 0.94 0.00	15.50 0.78 0.00	15.31 0.77 0.00	14.91 0.77 0.00	15.80 0.81 0.00	18.21 0.87 0.00	19.99 0.97 0.00	22.09 1.01 0.00	21.91 1.14 0.00	22.24 1.43 1.20	10.40 1.42 12.82	30.28 1.81 0.00	31.15 1.90 0.00	29.92 1.93 0.00	31.00 1.93 0.00	32.94 1.94 0.00	34.50 2.04 0.00	43.96 2.62 0.00	33.79 1.93 0.00	40.13 2.02 0.00	36.32 1.92 0.00	32.17 1.74 0.00	29.91 1.48 0.00
LOWER RAQUET___HYD 24057	18.58 0.04 0.00	18.10 0.07 0.00	14.77 0.05 0.00	14.56 0.02 0.00	14.17 0.03 0.00	15.04 0.04 0.00	17.46 0.13 0.00	19.14 0.12 0.00	21.00 -0.08 0.00	20.47 -0.30 0.00	21.80 -0.22 0.00	21.43 -0.37 0.00	27.80 -0.66 0.00	28.51 -0.80 -0.05	27.23 -0.80 -0.04	28.21 -0.91 -0.05	30.14 -1.02 -0.17	31.78 -1.12 -0.44	40.64 -1.45 -0.75	31.22 -1.03 -0.39	37.66 -1.06 -0.61	34.00 -0.85 -0.45	29.75 -0.84 -0.16	27.70 -0.82 -0.09
LOWER___HUDSON 24059	19.23 0.69 0.00	18.73 0.70 0.00	15.38 0.66 0.00	15.19 0.66 0.00	14.79 0.65 0.00	15.66 0.67 0.00	18.02 0.69 0.00	19.71 0.69 0.00	21.70 0.62 0.00	21.37 0.60 0.00	22.97 0.75 -0.20	24.65 0.67 -2.18	29.34 0.88 0.00	30.18 0.92 0.00	29.01 1.02 0.00	30.06 1.00 0.00	32.05 1.05 0.00	33.61 1.15 0.00	43.14 1.81 0.00	33.14 1.29 0.00	39.68 1.56 0.00	35.78 1.38 0.00	31.62 1.19 0.00	29.36 0.93 0.00
LOWVILLE_115KV_TB2 356335	17.61 -0.93 0.00	17.12 -0.91 0.00	14.00 -0.72 0.00	13.84 -0.69 0.00	13.53 -0.60 0.00	14.58 -0.41 0.00	16.91 -0.42 0.00	18.52 -0.50 0.00	20.77 -0.31 0.00	20.49 -0.28 0.00	21.88 -0.14 0.00	21.67 -0.13 0.00	27.86 -0.60 0.00	28.56 -0.82 -0.13	27.22 -0.88 -0.11	28.32 -0.88 -0.14	30.36 -1.06 -0.42	33.10 -0.43 -1.08	42.66 -0.51 -1.84	32.84 0.04 -0.94	39.45 -0.16 -1.50	34.65 -0.86 -1.11	29.40 -1.42 -0.39	27.22 -1.43 -0.22
LUTHERFT_115KV_GLOB_FND_222 355753	19.48 0.94 0.00	18.94 0.92 0.00	15.52 0.80 0.00	15.32 0.78 0.00	14.92 0.78 0.00	15.80 0.81 0.00	18.25 0.91 0.00	19.98 0.96 0.00	22.00 0.92 0.00	21.68 0.91 0.00	23.27 1.06 -0.19	24.85 0.98 -2.07	29.83 1.36 0.00	30.73 1.47 0.00	29.53 1.55 0.00	30.69 1.63 0.00	32.77 1.77 0.00	34.43 1.97 0.00	44.19 2.86 0.00	33.91 2.05 0.00	40.53 2.41 0.00	36.55 2.15 0.00	32.23 1.80 0.00	29.91 1.48 0.00
LUTHERNY_35_KV_BK2 355980	19.48 0.94 0.00	18.95 0.92 0.00	15.52 0.80 0.00	15.31 0.78 0.00	14.92 0.78 0.00	15.80 0.81 0.00	18.25 0.91 0.00	20.01 1.00 0.00	22.02 0.94 0.00	21.70 0.93 0.00	23.29 1.07 -0.19	24.86 0.99 -2.07	29.85 1.38 0.00	30.81 1.55 0.00	29.55 1.57 0.00	30.74 1.67 0.00	32.82 1.83 0.00	34.47 2.02 0.00	44.27 2.93 0.00	33.96 2.11 0.00	40.59 2.47 0.00	36.60 2.20 0.00	32.25 1.82 0.00	29.92 1.49 0.00
LWR___OSWEGATCHIE_HYD 23850	18.13 -0.41 0.00	17.64 -0.39 0.00	14.41 -0.32 0.00	14.22 -0.31 0.00	13.87 -0.27 0.00	14.82 -0.18 0.00	17.20 -0.13 0.00	18.85 -0.17 0.00	20.90 -0.18 0.00	20.47 -0.30 0.00	21.77 -0.25 0.00	21.42 -0.38 0.00	27.73 -0.73 0.00	28.44 -0.91 -0.10	27.09 -0.99 -0.09	28.21 -0.97 -0.11	30.21 -1.11 -0.33	32.37 -0.94 -0.85	41.74 -1.05 -1.45	32.05 -0.55 -0.74	38.58 -0.72 -1.19	34.45 -0.82 -0.88	29.67 -1.07 -0.31	27.52 -1.08 -0.17
LYONS_FALL_HYD 23570	18.24 -0.30 0.00	17.72 -0.31 0.00	14.48 -0.25 0.00	14.30 -0.23 0.00	13.95 -0.19 0.00	14.92 -0.08 0.00	17.30 -0.04 0.00	18.96 -0.06 0.00	21.16 0.08 0.00	20.86 0.09 0.00	22.21 0.19 0.00	22.04 0.24 0.00	28.56 0.10 0.00	29.46 0.11 -0.09	28.05 0.00 -0.06	29.10 -0.05 -0.08	31.18 -0.06 -0.25	33.42 0.31 -0.64	42.90 0.47 -1.10	33.03 0.60 -0.56	39.59 0.58 -0.90	35.20 0.14 -0.66	30.40 -0.26 -0.23	28.22 -0.34 -0.13
MADISON___COUNTY_LFGE 323628	18.77 0.23 0.00	18.21 0.18 0.00	14.86 0.14 0.00	14.68 0.15 0.00	14.29 0.15 0.00	15.19 0.20 0.00	17.60 0.26 0.00	19.33 0.31 0.00	21.50 0.42 0.00	21.19 0.41 0.00	22.53 0.51 0.00	22.37 0.57 0.00	29.20 0.74 0.00	30.20 0.86 -0.08	28.84 0.79 -0.06	29.93 0.78 -0.08	32.15 0.90 -0.25	34.18 1.07 -0.65	43.86 1.42 -1.11	33.61 1.18 -0.57	40.38 1.36 -0.90	36.21 1.14 -0.67	31.51 0.84 -0.24	29.24 0.68 -0.13
MALONE___115KV_TB1 356076	19.17 0.63 0.00	18.63 0.61 0.00	15.19 0.47 0.00	14.95 0.42 0.00	14.53 0.40 0.00	15.27 0.28 0.00	17.70 0.36 0.00	19.43 0.41 0.00	21.49 0.41 0.00	21.14 0.36 0.00	22.45 0.43 0.00	22.12 0.32 0.00	28.67 0.20 0.00	29.39 0.13 0.00	27.99 0.00 0.00	29.01 -0.05 0.00	30.81 -0.19 0.00	32.16 -0.30 0.00	40.67 -0.67 0.00	31.18 -0.68 0.00	37.81 -0.30 0.00	34.99 0.59 0.00	31.15 0.72 0.00	29.04 0.61 0.00
MAPLEWOD_115KV_TB3 80458	19.18 0.64 0.00	18.68 0.65 0.00	15.31 0.59 0.00	15.11 0.58 0.00	14.71 0.58 0.00	15.59 0.60 0.00	17.96 0.62 0.00	19.65 0.63 0.00	21.68 0.60 0.00	21.35 0.58 0.00	22.93 0.71 -0.20	24.58 0.65 -2.14	29.35 0.88 0.00	30.19 0.93 0.00	29.02 1.04 0.00	30.12 1.05 0.00	32.15 1.16 0.00	33.78 1.32 0.00	43.32 1.99 0.00	33.29 1.44 0.00	39.81 1.69 0.00	35.88 1.48 0.00	31.69 1.26 0.00	29.44 1.01 0.00
MAPLE RIDGE_WT_1 323574	17.72 -0.81 0.00	17.21 -0.82 0.00	14.09 -0.63 0.00	13.97 -0.57 0.00	13.64 -0.49 0.00	14.61 -0.38 0.00	16.89 -0.45 0.00	18.53 -0.49 0.00	20.69 -0.39 0.00	20.50 -0.27 0.00	21.90 -0.12 0.00	21.72 -0.08 0.00	28.14 -0.33 0.00	28.75 -0.51 0.00	27.46 -0.52 0.00	28.49 -0.58 0.00	30.40 -0.59 0.00	32.21 -0.25 0.00	40.88 -0.45 0.00	31.65 -0.21 0.00	37.48 -0.64 0.00	33.17 -1.23 0.00	28.97 -1.47 0.00	27.07 -1.36 0.00

MAPLE_RIDGE_WT_2 323611	17.72 -0.81 0.00	17.21 -0.82 0.00	14.09 -0.63 0.00	13.97 -0.57 0.00	13.64 -0.49 0.00	14.61 -0.38 0.00	16.89 -0.45 0.00	18.53 -0.49 0.00	20.69 -0.39 0.00	20.50 -0.27 0.00	21.90 -0.12 0.00	21.72 -0.08 0.00	28.14 -0.33 0.00	28.75 -0.51 0.00	27.46 -0.52 0.00	28.49 -0.58 0.00	30.40 -0.59 0.00	32.21 -0.25 0.00	40.88 -0.45 0.00	31.65 -0.21 0.00	37.48 -0.64 0.00	33.17 -1.23 0.00	28.97 -1.47 0.00	27.07 -1.36 0.00
MARBLE_RIVER_WT_PWR 323696	19.20 0.66 0.00	18.66 0.64 0.00	15.21 0.49 0.00	14.96 0.42 0.00	14.54 0.40 0.00	15.22 0.22 0.00	17.61 0.27 0.00	19.30 0.28 0.00	21.35 0.27 0.00	21.07 0.30 0.00	22.41 0.39 0.00	22.08 0.28 0.00	28.62 0.15 0.00	29.35 0.09 0.00	27.93 -0.06 0.00	29.02 -0.05 0.00	30.78 -0.22 0.00	32.07 -0.39 0.00	40.40 -0.93 0.00	30.83 -1.03 0.00	37.46 -0.65 0.00	34.96 0.56 0.00	31.28 0.85 0.00	29.20 0.77 0.00
MARSHVLE_115KV_TB1 80742	19.96 1.41 0.00	19.31 1.29 0.00	15.71 0.99 0.00	15.51 0.98 0.00	15.07 0.93 0.00	16.06 1.07 0.00	18.72 1.38 0.00	20.49 1.47 0.00	22.81 1.73 0.00	22.47 1.70 0.00	23.84 1.68 -0.14	24.96 1.66 -1.50	30.66 2.19 0.00	31.51 2.25 0.00	30.05 2.06 0.00	31.35 2.28 0.00	33.41 2.42 0.00	35.13 2.67 0.00	44.76 3.43 0.00	34.68 2.82 0.00	41.46 3.35 0.00	37.29 2.89 0.00	32.89 2.46 0.00	30.68 2.25 0.00
MARSH_HILL_WT_PWR 323713	18.30 -0.24 0.00	17.78 -0.25 0.00	14.37 -0.35 0.00	14.18 -0.36 0.00	13.70 -0.43 0.00	14.64 -0.35 0.00	17.14 -0.19 0.00	18.91 -0.11 0.00	21.36 0.28 0.00	21.35 0.58 0.00	22.52 0.49 0.00	22.43 0.63 0.00	29.23 0.77 0.00	30.17 0.86 -0.05	28.07 0.04 -0.05	29.01 -0.11 -0.06	31.05 -0.12 -0.18	32.66 -0.28 -0.48	41.50 -0.73 -0.90	32.21 -0.11 -0.46	38.70 -0.14 -0.73	34.98 0.04 -0.54	31.19 0.57 -0.19	29.35 0.81 -0.11
MCINTYRE_115KV_TB2 80467	18.99 0.45 0.00	18.49 0.47 0.00	15.08 0.36 0.00	14.86 0.33 0.00	14.46 0.32 0.00	15.34 0.35 0.00	17.86 0.52 0.00	19.57 0.55 0.00	21.52 0.44 0.00	20.97 0.20 0.00	22.22 0.21 0.00	21.90 0.10 0.00	28.57 0.10 0.00	29.35 0.05 -0.04	28.08 0.05 -0.04	29.05 -0.07 -0.04	31.04 -0.10 -0.14	32.62 -0.21 -0.37	41.69 -0.28 -0.63	32.10 -0.08 -0.32	38.73 0.10 -0.51	34.98 0.19 -0.38	30.66 0.10 -0.14	28.58 0.07 -0.08
MECO____69_KV_BK1 80468	20.30 1.75 0.00	19.63 1.60 0.00	15.99 1.26 0.00	15.78 1.24 0.00	15.34 1.21 0.00	16.35 1.36 0.00	18.99 1.66 0.00	20.64 1.62 0.00	22.78 1.71 0.00	22.34 1.57 0.00	23.91 1.74 -0.16	25.21 1.75 -1.66	30.80 2.34 0.00	31.70 2.45 0.00	30.30 2.31 0.00	31.16 2.09 0.00	33.30 2.31 0.00	35.30 2.84 0.00	45.54 4.20 0.00	35.56 3.70 0.00	42.52 4.40 0.00	38.23 3.83 0.00	33.59 3.16 0.00	31.36 2.92 0.00
MENANDS__115KV_TB5 355628	18.98 0.44 0.00	18.49 0.47 0.00	15.18 0.46 0.00	14.99 0.45 0.00	14.59 0.46 0.00	15.46 0.47 0.00	17.79 0.45 0.00	19.46 0.44 0.00	21.46 0.38 0.00	21.13 0.35 0.00	22.68 0.46 -0.20	24.36 0.40 -2.16	28.99 0.52 0.00	29.80 0.54 0.00	28.65 0.66 0.00	29.71 0.65 0.00	31.72 0.73 0.00	33.30 0.84 0.00	42.69 1.36 0.00	32.81 0.95 0.00	39.25 1.14 0.00	35.38 0.98 0.00	31.28 0.85 0.00	29.08 0.65 0.00
MG INDUSTRY___DRP 24185	19.05 0.51 0.00	18.55 0.52 0.00	15.22 0.49 0.00	15.02 0.48 0.00	14.63 0.49 0.00	15.89 0.90 0.00	18.67 1.33 0.00	20.43 1.41 0.00	22.48 1.40 0.00	21.51 0.74 0.00	22.65 0.45 -0.18	24.15 0.38 -1.97	28.96 0.50 0.00	29.79 0.53 0.00	28.57 0.59 0.00	29.59 0.52 0.00	31.61 0.62 0.00	33.20 0.74 0.00	42.52 1.19 0.00	32.75 0.89 0.00	39.18 1.07 0.00	35.35 0.95 0.00	31.27 0.84 0.00	29.15 0.72 0.00
MID___OSWEGATCHIE_HYD 23849	18.13 -0.41 0.00	17.64 -0.39 0.00	14.41 -0.32 0.00	14.22 -0.31 0.00	13.87 -0.27 0.00	14.82 -0.18 0.00	17.20 -0.13 0.00	18.85 -0.17 0.00	20.90 -0.18 0.00	20.47 -0.30 0.00	21.77 -0.25 0.00	21.42 -0.38 0.00	27.73 -0.73 0.00	28.44 -0.91 -0.10	27.09 -0.99 -0.09	28.21 -0.97 -0.11	30.21 -1.11 -0.33	32.37 -0.94 -0.85	41.74 -1.05 -1.45	32.05 -0.55 -0.74	38.58 -0.72 -1.19	34.45 -0.82 -0.88	29.67 -1.07 -0.31	27.52 -1.08 -0.17
MID___RAQUETTE_HYD 23851	18.58 0.04 0.00	18.10 0.07 0.00	14.77 0.05 0.00	14.56 0.02 0.00	14.17 0.03 0.00	15.04 0.04 0.00	17.46 0.13 0.00	19.14 0.12 0.00	21.00 -0.08 0.00	20.47 -0.30 0.00	21.80 -0.22 0.00	21.43 -0.37 0.00	27.80 -0.66 0.00	28.51 -0.80 -0.05	27.23 -0.80 -0.04	28.21 -0.91 -0.05	30.14 -1.02 -0.17	31.79 -1.11 -0.44	40.64 -1.45 -0.75	31.22 -1.03 -0.39	37.66 -1.06 -0.61	34.00 -0.85 -0.45	29.75 -0.84 -0.16	27.70 -0.82 -0.09
MILLIKEN___1 23584	18.81 0.27 0.00	18.24 0.22 0.00	14.86 0.14 0.00	14.68 0.15 0.00	14.28 0.14 0.00	15.16 0.16 0.00	17.58 0.24 0.00	19.36 0.34 0.00	21.52 0.44 0.00	21.24 0.46 0.00	22.47 0.45 0.00	22.28 0.48 0.00	29.13 0.67 0.00	30.25 0.83 -0.16	28.90 0.76 -0.15	29.97 0.72 -0.18	32.40 0.83 -0.57	34.97 1.04 -1.47	45.13 1.29 -2.51	34.21 1.06 -1.29	41.41 1.25 -2.05	36.95 1.03 -1.52	31.86 0.89 -0.54	29.57 0.84 -0.30
MILLIKEN___2 23585	18.81 0.27 0.00	18.24 0.22 0.00	14.86 0.14 0.00	14.68 0.15 0.00	14.28 0.14 0.00	15.16 0.16 0.00	17.58 0.24 0.00	19.36 0.34 0.00	21.52 0.44 0.00	21.24 0.46 0.00	22.47 0.45 0.00	22.28 0.48 0.00	29.13 0.67 0.00	30.25 0.83 -0.16	28.90 0.76 -0.15	29.97 0.72 -0.18	32.40 0.83 -0.57	34.97 1.04 -1.47	45.13 1.29 -2.51	34.21 1.06 -1.29	41.41 1.25 -2.05	36.95 1.03 -1.52	31.86 0.89 -0.54	29.57 0.84 -0.30
MILLIKEN___DIESEL 23629	18.81 0.27 0.00	18.24 0.22 0.00	14.86 0.14 0.00	14.68 0.15 0.00	14.28 0.14 0.00	15.16 0.16 0.00	17.58 0.24 0.00	19.36 0.34 0.00	21.52 0.44 0.00	21.24 0.46 0.00	22.47 0.45 0.00	22.28 0.48 0.00	29.13 0.67 0.00	30.25 0.83 -0.16	28.90 0.76 -0.15	29.97 0.72 -0.18	32.40 0.83 -0.57	34.97 1.04 -1.47	45.13 1.29 -2.51	34.21 1.06 -1.29	41.41 1.25 -2.05	36.95 1.03 -1.52	31.86 0.89 -0.54	29.57 0.84 -0.30
MILLSEAT___LFGE 323607	18.95 0.41 0.00	18.32 0.30 0.00	14.62 -0.11 0.00	14.47 -0.07 0.00	13.99 -0.15 0.00	14.82 -0.17 0.00	17.33 0.00 0.00	19.09 0.08 0.00	21.67 0.59 0.00	21.25 0.48 0.00	22.17 0.15 0.00	22.14 0.34 0.00	29.03 0.57 0.00	30.03 0.77 0.00	27.86 -0.13 0.00	28.84 -0.22 0.00	30.97 -0.03 0.00	32.34 -0.12 0.00	41.05 -0.29 0.00	31.51 -0.35 0.00	37.80 -0.31 0.00	34.42 0.02 0.00	31.17 0.74 0.00	29.23 0.80 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.66 1.12 0.00	19.04 1.02 0.00	15.57 0.85 0.00	15.37 0.83 0.00	14.97 0.83 0.00	15.85 0.86 0.00	18.27 0.94 0.00	20.07 1.05 0.00	22.17 1.09 0.00	21.99 1.22 0.00	24.49 1.50 -0.97	33.67 1.50 -10.37	30.39 1.93 0.00	31.29 2.03 0.00	30.08 2.09 0.00	31.15 2.08 0.00	33.09 2.10 0.00	34.66 2.20 0.00	44.18 2.85 0.00	33.97 2.11 0.00	40.36 2.24 0.00	36.47 2.08 0.00	32.30 1.87 0.00	30.04 1.61 0.00

MILLWOOD_13_KV_LOAD 356217	19.72 1.18 0.00	19.10 1.08 0.00	15.62 0.89 0.00	15.41 0.87 0.00	15.01 0.87 0.00	15.90 0.90 0.00	18.32 0.99 0.00	20.13 1.11 0.00	22.24 1.16 0.00	22.07 1.29 0.00	24.58 1.59 -0.97	33.76 1.59 -10.37	30.52 2.05 0.00	31.43 2.17 0.00	30.21 2.22 0.00	31.29 2.22 0.00	33.25 2.26 0.00	34.83 2.37 0.00	44.40 3.07 0.00	34.13 2.27 0.00	40.54 2.43 0.00	36.64 2.24 0.00	32.44 2.00 0.00	30.15 1.72 0.00
MODEL_CITY_ENERGY 24167	18.22 -0.32 0.00	17.70 -0.32 0.00	14.19 -0.53 0.00	14.06 -0.48 0.00	13.58 -0.56 0.00	14.37 -0.62 0.00	16.81 -0.53 0.00	18.49 -0.52 0.00	21.04 -0.05 0.00	20.62 -0.15 0.00	21.45 -0.57 0.00	21.40 -0.40 0.00	28.04 -0.43 0.00	28.96 -0.30 0.00	26.77 -1.22 0.00	27.71 -1.36 0.00	29.74 -1.25 0.00	30.99 -1.47 0.00	39.16 -2.17 0.00	30.08 -1.78 0.00	36.14 -1.98 0.00	33.00 -1.40 0.00	30.07 -0.36 0.00	28.30 -0.14 0.00
MODERN_LFGE_ 323580	18.22 -0.32 0.00	17.70 -0.32 0.00	14.19 -0.53 0.00	14.06 -0.48 0.00	13.58 -0.56 0.00	14.37 -0.62 0.00	16.81 -0.53 0.00	18.49 -0.52 0.00	21.04 -0.05 0.00	20.62 -0.15 0.00	21.45 -0.57 0.00	21.40 -0.40 0.00	28.04 -0.43 0.00	28.96 -0.30 0.00	26.77 -1.22 0.00	27.71 -1.36 0.00	29.74 -1.25 0.00	30.99 -1.47 0.00	39.16 -2.17 0.00	30.08 -1.78 0.00	36.14 -1.98 0.00	33.00 -1.40 0.00	30.07 -0.36 0.00	28.30 -0.14 0.00
MOHAWK_PAPER___DRP 24187	19.18 0.64 0.00	18.68 0.65 0.00	15.31 0.59 0.00	15.11 0.58 0.00	14.71 0.58 0.00	15.59 0.60 0.00	17.96 0.62 0.00	19.65 0.63 0.00	21.68 0.60 0.00	21.35 0.58 0.00	22.93 0.71 -0.20	24.58 0.65 -2.14	29.35 0.88 0.00	30.19 0.93 0.00	29.02 1.04 0.00	30.12 1.05 0.00	32.15 1.16 0.00	33.78 1.32 0.00	43.32 1.99 0.00	33.29 1.44 0.00	39.81 1.69 0.00	35.88 1.48 0.00	31.69 1.26 0.00	29.44 1.01 0.00
MOHICAN___35_KV_115KV_LD 80490	19.53 0.99 0.00	18.93 0.91 0.00	15.52 0.79 0.00	15.30 0.77 0.00	14.89 0.75 0.00	15.77 0.78 0.00	18.25 0.92 0.00	19.98 0.96 0.00	21.95 0.87 0.00	21.63 0.85 0.00	23.22 1.01 -0.19	24.77 0.90 -2.07	29.80 1.34 0.00	30.70 1.44 0.00	29.63 1.64 0.00	30.84 1.77 0.00	33.00 2.00 0.00	34.78 2.32 0.00	44.74 3.40 0.00	34.16 2.30 0.00	40.77 2.65 0.00	36.83 2.44 0.00	32.41 1.98 0.00	30.03 1.60 0.00
MONGAUP___HYD 23641	19.14 0.60 0.00	18.47 0.45 0.00	15.20 0.48 0.00	15.07 0.54 0.00	14.68 0.54 0.00	15.57 0.57 0.00	17.95 0.61 0.00	19.67 0.66 0.00	21.54 0.47 0.00	21.16 0.39 0.00	22.05 0.71 0.68	15.21 0.71 7.30	29.35 0.88 0.00	30.26 1.00 0.00	29.10 1.11 0.00	30.19 1.12 0.00	32.16 1.17 0.00	34.00 1.54 0.00	43.59 2.25 0.00	33.42 1.56 0.00	40.07 1.96 0.00	36.18 1.78 0.00	31.95 1.52 0.00	29.68 1.25 0.00
MONTAUK___DIESEL 23721	21.45 2.66 -0.25	20.40 2.38 0.00	16.71 1.99 0.00	16.44 1.91 0.00	15.98 1.84 0.00	16.75 1.75 0.00	19.57 2.23 0.00	21.55 2.53 0.00	23.85 2.77 0.00	23.95 3.18 0.00	26.45 3.56 -0.87	35.09 3.44 -9.85	33.74 4.53 -0.74	37.65 4.93 -3.47	38.51 4.80 -5.73	33.83 4.76 0.00	55.47 4.72 -19.75	37.43 4.96 0.00	76.86 6.35 -29.17	52.59 4.91 -15.82	43.31 5.20 0.00	38.96 4.56 0.00	34.56 4.12 0.00	32.38 3.95 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.97 0.43 0.00	18.29 0.27 0.00	14.68 -0.04 0.00	14.60 0.06 0.00	14.13 -0.01 0.00	14.79 -0.20 0.00	17.34 0.00 0.00	19.35 0.33 0.00	22.15 1.07 0.00	21.82 1.05 0.00	22.79 0.77 0.00	22.58 0.78 0.00	29.50 1.03 0.00	30.37 1.11 0.00	28.08 0.09 0.00	29.40 0.33 0.00	31.59 0.60 0.00	32.99 0.53 0.00	41.65 0.32 0.00	32.12 0.27 0.00	38.34 0.23 0.00	35.04 0.64 0.00	31.62 1.18 0.00	29.13 0.70 0.00
MORTIMER_115KV_TB3 55949	18.56 0.02 0.00	18.04 0.02 0.00	14.59 -0.13 0.00	14.42 -0.12 0.00	13.98 -0.16 0.00	14.82 -0.18 0.00	17.27 -0.06 0.00	19.03 0.01 0.00	21.43 0.35 0.00	21.11 0.34 0.00	22.19 0.17 0.00	22.10 0.30 0.00	29.00 0.53 0.00	29.94 0.68 0.00	28.10 0.11 0.00	29.20 0.14 0.00	31.29 0.30 0.00	32.73 0.26 0.00	41.53 0.19 0.00	31.86 0.01 0.00	38.12 0.00 0.00	34.57 0.17 0.00	31.02 0.59 0.00	29.00 0.57 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.47 0.94 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.39 1.06 0.00	20.21 1.19 0.00	22.34 1.27 0.00	22.18 1.41 0.00	24.62 1.72 -0.88	32.86 1.72 -9.34	30.67 2.21 0.00	31.59 2.33 0.00	30.39 2.40 0.00	31.43 2.36 0.00	33.36 2.37 0.00	34.91 2.44 0.00	44.46 3.13 0.00	34.19 2.33 0.00	40.57 2.46 0.00	36.69 2.29 0.00	32.54 2.11 0.00	30.28 1.85 0.00
MUNSVILLE_WIND_PWR 323609	19.64 1.10 0.00	19.02 1.00 0.00	15.51 0.78 0.00	15.33 0.79 0.00	14.92 0.79 0.00	15.87 0.88 0.00	18.47 1.13 0.00	20.36 1.34 0.00	22.67 1.59 0.00	22.25 1.48 0.00	23.52 1.50 0.00	23.39 1.59 0.00	30.66 2.20 0.00	31.89 2.53 -0.10	30.41 2.33 -0.09	31.67 2.49 -0.11	34.19 2.84 -0.36	36.64 3.26 -0.92	47.02 4.11 -1.57	36.05 3.39 -0.80	43.40 4.00 -1.28	38.84 3.50 -0.95	33.73 2.96 -0.34	31.23 2.62 -0.19
N SALMON___HYD 24042	19.17 0.63 0.00	18.63 0.61 0.00	15.19 0.47 0.00	14.95 0.42 0.00	14.53 0.40 0.00	15.27 0.28 0.00	17.70 0.36 0.00	19.43 0.41 0.00	21.49 0.41 0.00	21.13 0.36 0.00	22.46 0.44 0.00	22.12 0.32 0.00	28.67 0.20 0.00	29.39 0.13 0.00	27.99 0.01 0.00	29.01 -0.05 0.00	30.81 -0.19 0.00	32.16 -0.30 0.00	40.66 -0.67 0.00	31.18 -0.68 0.00	37.81 -0.30 0.00	34.98 0.59 0.00	31.15 0.72 0.00	29.04 0.61 0.00
N.AKRON___115KV_KNAPP 355671	18.80 0.26 0.00	18.21 0.19 0.00	14.56 -0.17 0.00	14.41 -0.13 0.00	13.93 -0.21 0.00	14.75 -0.24 0.00	17.26 -0.08 0.00	19.02 -0.01 0.00	21.60 0.51 0.00	21.19 0.42 0.00	22.10 0.08 0.00	22.05 0.25 0.00	28.92 0.46 0.00	29.87 0.61 0.00	27.70 -0.29 0.00	28.66 -0.41 0.00	30.76 -0.24 0.00	32.09 -0.37 0.00	40.67 -0.66 0.00	31.22 -0.64 0.00	37.47 -0.65 0.00	34.15 -0.25 0.00	31.00 0.57 0.00	29.09 0.66 0.00
N.BELMOR_69_KV_BK1 55787	20.43 1.64 -0.25	19.48 1.46 0.00	15.93 1.21 0.00	15.65 1.12 0.00	15.21 1.07 0.00	16.02 1.03 0.00	18.50 1.16 0.00	20.35 1.33 0.00	22.45 1.38 0.00	22.40 1.63 0.00	24.92 2.03 -0.87	33.74 2.09 -9.85	31.91 2.70 -0.74	35.57 2.84 -3.47	35.13 2.82 -4.32	31.77 2.70 0.00	33.74 2.75 0.00	35.46 3.00 0.00	74.39 3.89 -29.17	50.56 2.89 -15.82	41.16 3.05 0.00	37.30 2.90 0.00	33.04 2.60 0.00	30.66 2.23 0.00
N.E._GEN_SANDY PD 24062	19.26 0.72 0.00	18.77 0.75 0.00	15.41 0.69 0.00	15.21 0.68 0.00	14.82 0.68 0.00	16.28 0.69 -0.60	12.32 0.69 5.71	19.73 0.70 -0.01	21.72 0.64 0.00	21.42 0.65 0.00	23.14 0.81 -0.31	25.86 0.75 -3.32	29.42 0.96 0.00	30.21 0.95 0.00	29.05 1.06 0.00	30.11 1.04 0.00	32.07 1.08 0.00	33.37 1.20 0.29	43.67 1.91 -0.43	32.86 1.36 0.36	39.70 1.59 0.00	36.23 1.40 -0.43	30.64 1.20 1.00	28.41 0.94 0.97

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.62 1.08 0.00	18.99 0.97 0.00	15.52 0.80 0.00	15.32 0.78 0.00	14.93 0.79 0.00	15.82 0.83 0.00	18.23 0.89 0.00	20.02 1.00 0.00	22.12 1.04 0.00	21.95 1.18 0.00	22.32 1.48 1.18	10.72 1.48 12.56	30.36 1.90 0.00	31.25 1.99 0.00	30.01 2.02 0.00	31.10 2.03 0.00	33.04 2.05 0.00	34.62 2.16 0.00	44.10 2.76 0.00	33.89 2.03 0.00	40.25 2.13 0.00	36.41 2.01 0.00	32.24 1.81 0.00	29.97 1.55 0.00
N. QUEENS_27_KV_LOAD 356247	19.89 1.35 0.00	19.24 1.22 0.00	15.73 1.01 0.00	15.52 0.99 0.00	15.12 0.98 0.00	16.01 1.02 0.00	18.47 1.13 0.00	20.30 1.28 0.00	22.43 1.35 0.00	22.28 1.50 0.00	24.70 1.80 -0.88	32.95 1.81 -9.35	30.78 2.32 0.00	31.70 2.44 0.00	30.53 2.54 0.00	31.52 2.46 0.00	33.46 2.47 0.01	34.98 2.53 0.00	44.56 3.23 0.01	34.25 2.39 0.00	40.64 2.53 0.01	36.73 2.33 0.00	32.62 2.19 0.00	30.40 1.97 0.00
N. TROY___115KV_TB1 355778	19.23 0.69 0.00	18.73 0.70 0.00	15.38 0.66 0.00	15.19 0.66 0.00	14.79 0.65 0.00	15.66 0.67 0.00	18.02 0.69 0.00	19.71 0.69 0.00	21.70 0.62 0.00	21.37 0.60 0.00	22.97 0.75 -0.20	24.65 0.68 -2.18	29.35 0.88 0.00	30.19 0.92 0.00	29.01 1.02 0.00	30.07 1.00 0.00	32.05 1.06 0.00	33.61 1.15 0.00	43.14 1.81 0.00	33.15 1.29 0.00	39.68 1.57 0.00	35.79 1.39 0.00	31.62 1.19 0.00	29.36 0.93 0.00
NARROWS_GT1_1 24228	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT1_2 24229	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT1_3 24230	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT1_4 24231	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT1_5 24232	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT1_6 24233	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT1_7 24234	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT1_8 24235	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT2_1 24236	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT2_2 24237	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT2_3 24238	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT2_4 24239	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00

NARROWS_GT2_5 24240	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT2_6 24241	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT2_7 24242	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NARROWS_GT2_8 24243	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.97 0.00	16.01 1.02 0.00	18.46 1.12 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.83 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.52 2.50 -18.76	35.30 2.57 -4.75	34.41 2.49 -2.85	35.63 2.48 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.56 -2.60	36.83 2.43 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.30 0.76 0.00	18.79 0.77 0.00	15.41 0.69 0.00	15.22 0.68 0.00	14.82 0.68 0.00	15.80 0.81 0.00	18.32 0.98 0.00	20.05 1.03 0.00	22.06 0.98 0.00	21.46 0.69 0.00	22.81 0.64 -0.15	23.94 0.53 -1.61	29.19 0.72 0.00	30.07 0.81 0.00	28.84 0.85 0.00	30.00 0.93 0.00	32.13 1.14 0.00	33.87 1.41 0.00	43.53 2.20 0.00	33.55 1.69 0.00	40.24 2.13 0.00	36.22 1.82 0.00	31.96 1.53 0.00	29.72 1.29 0.00
NCHELSEA_115KV_TR2 355582	19.75 1.21 0.00	19.15 1.13 0.00	15.66 0.93 0.00	15.45 0.91 0.00	15.05 0.91 0.00	15.94 0.95 0.00	18.39 1.06 0.00	20.19 1.18 0.00	22.37 1.29 0.00	22.16 1.39 0.00	23.67 1.65 0.00	23.45 1.65 0.00	30.64 2.18 0.00	31.58 2.32 0.00	30.38 2.39 0.00	31.45 2.38 0.00	33.42 2.42 0.00	35.05 2.59 0.00	44.73 3.39 0.00	34.39 2.53 0.00	40.85 2.73 0.00	36.86 2.46 0.00	32.57 2.13 0.00	30.25 1.82 0.00
NEG CAPITAL___MECHNVIL 23645	19.50 0.95 0.00	18.95 0.93 0.00	15.54 0.82 0.00	15.34 0.80 0.00	14.93 0.79 0.00	15.82 0.83 0.00	18.27 0.93 0.00	19.99 0.97 0.00	22.03 0.95 0.00	21.71 0.94 0.00	23.33 1.11 -0.20	24.95 1.04 -2.11	29.90 1.43 0.00	30.82 1.55 0.00	29.62 1.63 0.00	30.76 1.69 0.00	32.84 1.85 0.00	34.49 2.03 0.00	44.29 2.96 0.00	34.00 2.14 0.00	40.62 2.51 0.00	36.62 2.22 0.00	32.28 1.85 0.00	29.94 1.51 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.24 -0.30 0.00	17.70 -0.32 0.00	14.34 -0.38 0.00	14.16 -0.37 0.00	13.74 -0.40 0.00	14.58 -0.41 0.00	16.99 -0.35 0.00	18.73 -0.29 0.00	21.05 -0.03 0.00	20.77 -0.01 0.00	21.89 -0.13 0.00	21.79 -0.01 0.00	28.57 0.10 0.00	29.59 0.27 -0.06	27.89 -0.16 -0.05	28.98 -0.15 -0.07	31.18 -0.02 -0.21	32.98 -0.01 -0.54	42.11 -0.14 -0.92	32.10 -0.23 -0.47	38.53 -0.34 -0.75	34.71 -0.25 -0.55	30.69 0.07 -0.20	28.58 0.04 -0.11
NEG CENTRAL___DRP 24199	18.55 0.02 0.00	18.00 -0.03 0.00	14.63 -0.09 0.00	14.46 -0.08 0.00	14.04 -0.09 0.00	14.92 -0.08 0.00	17.33 -0.01 0.00	19.10 0.08 0.00	21.33 0.24 0.00	21.07 0.30 0.00	22.28 0.27 0.00	22.15 0.35 0.00	28.92 0.46 0.00	30.03 0.61 -0.16	28.56 0.42 -0.14	29.62 0.38 -0.18	32.04 0.49 -0.55	34.45 0.57 -1.42	44.41 0.65 -2.42	33.64 0.54 -1.24	40.65 0.56 -1.98	36.34 0.47 -1.46	31.42 0.47 -0.52	29.24 0.52 -0.29
NEG CENTRAL___INDECK 23768	19.02 0.48 0.00	18.44 0.42 0.00	14.88 0.16 0.00	14.72 0.18 0.00	14.26 0.12 0.00	15.17 0.18 0.00	17.72 0.38 0.00	19.47 0.45 0.00	21.77 0.69 0.00	21.51 0.74 0.00	22.64 0.62 0.00	22.54 0.74 0.00	29.31 0.84 0.00	29.82 0.56 0.00	27.68 -0.31 0.00	28.82 -0.24 0.00	30.94 -0.06 0.00	32.31 -0.15 0.00	40.95 -0.38 0.00	32.09 0.23 0.00	38.55 0.44 0.00	35.60 1.21 0.00	32.14 1.70 0.00	30.10 1.67 0.00
NEG CENTRAL___SENECA 23627	18.60 0.06 0.00	18.02 -0.01 0.00	14.63 -0.10 0.00	14.46 -0.07 0.00	14.04 -0.10 0.00	14.92 -0.07 0.00	17.37 0.03 0.00	19.16 0.14 0.00	21.46 0.38 0.00	21.20 0.42 0.00	22.42 0.39 0.00	22.32 0.52 0.00	29.11 0.65 0.00	30.16 0.82 -0.08	28.62 0.56 -0.07	29.69 0.53 -0.09	31.92 0.65 -0.28	33.88 0.69 -0.72	43.36 0.79 -1.24	33.15 0.66 -0.64	39.82 0.69 -1.01	35.79 0.64 -0.75	31.35 0.65 -0.26	29.30 0.72 -0.15
NEG CENTRAL___STATE_STREET 24147	18.78 0.24 0.00	18.23 0.21 0.00	14.85 0.12 0.00	14.64 0.10 0.00	14.23 0.09 0.00	15.11 0.11 0.00	17.52 0.18 0.00	19.34 0.32 0.00	21.49 0.41 0.00	21.24 0.47 0.00	22.40 0.38 0.00	22.11 0.31 0.00	28.97 0.50 0.00	30.15 0.67 -0.22	28.78 0.59 -0.20	29.97 0.64 -0.26	32.62 0.84 -0.79	35.53 1.05 -2.03	46.01 1.22 -3.46	34.61 0.97 -1.77	42.03 1.10 -2.82	37.30 0.81 -2.09	31.92 0.75 -0.74	29.58 0.73 -0.41
NEG MILLWOOD___DRP 24198	19.82 1.28 0.00	19.21 1.19 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.95 0.00	15.99 1.00 0.00	18.44 1.11 0.00	20.26 1.24 0.00	22.37 1.29 0.00	22.19 1.42 0.00	24.05 1.70 -0.33	26.99 1.69 -3.51	30.70 2.23 0.00	31.67 2.41 0.00	30.47 2.48 0.00	31.60 2.54 0.00	33.63 2.64 0.00	35.27 2.81 0.00	44.99 3.66 0.00	34.59 2.73 0.00	41.06 2.95 0.00	37.03 2.63 0.00	32.72 2.29 0.00	30.38 1.96 0.00
NEG NORTH_FLCN_SEA 23793	19.45 0.91 0.00	18.89 0.87 0.00	15.41 0.69 0.00	15.14 0.61 0.00	14.70 0.56 0.00	15.40 0.41 0.00	17.84 0.51 0.00	19.54 0.52 0.00	21.63 0.55 0.00	21.35 0.58 0.00	22.68 0.66 0.00	22.34 0.54 0.00	28.96 0.49 0.00	29.69 0.43 0.00	28.30 0.31 0.00	29.42 0.35 0.00	31.22 0.23 0.00	32.60 0.13 0.00	41.07 -0.26 0.00	31.27 -0.59 0.00	38.00 -0.12 0.00	35.49 1.09 0.00	31.72 1.29 0.00	29.57 1.14 0.00
NEG NORTH_KES_CHATEGAY 23792	19.19 0.64 0.00	18.64 0.62 0.00	15.20 0.48 0.00	14.94 0.41 0.00	14.52 0.39 0.00	15.21 0.22 0.00	17.60 0.26 0.00	19.30 0.28 0.00	21.38 0.30 0.00	21.07 0.30 0.00	22.37 0.35 0.00	22.06 0.27 0.00	28.61 0.15 0.00	29.32 0.06 0.00	27.91 -0.08 0.00	28.96 -0.10 0.00	30.72 -0.28 0.00	32.03 -0.43 0.00	40.37 -0.97 0.00	30.85 -1.01 0.00	37.48 -0.63 0.00	34.95 0.55 0.00	31.26 0.82 0.00	29.18 0.75 0.00



NEG NORTH___ALICE_FALLS 23915	19.44 0.90 0.00	18.89 0.87 0.00	15.40 0.68 0.00	15.14 0.60 0.00	14.70 0.56 0.00	15.40 0.41 0.00	17.85 0.51 0.00	19.57 0.55 0.00	21.66 0.57 0.00	21.38 0.61 0.00	22.70 0.68 0.00	22.36 0.56 0.00	28.94 0.48 0.00	29.68 0.43 0.00	28.28 0.29 0.00	29.37 0.30 0.00	31.17 0.17 0.00	32.60 0.14 0.00	41.13 -0.21 0.00	31.36 -0.50 0.00	38.08 -0.04 0.00	35.55 1.15 0.00	31.76 1.32 0.00	29.59 1.16 0.00
NEG NORTH___LWR_SARANAC 23913	19.44 0.90 0.00	18.89 0.87 0.00	15.40 0.68 0.00	15.14 0.60 0.00	14.70 0.56 0.00	15.40 0.41 0.00	17.85 0.51 0.00	19.57 0.55 0.00	21.66 0.57 0.00	21.38 0.61 0.00	22.70 0.68 0.00	22.36 0.56 0.00	28.94 0.48 0.00	29.68 0.43 0.00	28.28 0.29 0.00	29.37 0.30 0.00	31.17 0.17 0.00	32.60 0.14 0.00	41.13 -0.21 0.00	31.36 -0.50 0.00	38.08 -0.04 0.00	35.55 1.15 0.00	31.76 1.32 0.00	29.59 1.16 0.00
NEG NORTH___PLATTSBURG 23628	19.44 0.90 0.00	18.89 0.87 0.00	15.40 0.68 0.00	15.14 0.60 0.00	14.70 0.56 0.00	15.40 0.41 0.00	17.85 0.51 0.00	19.56 0.55 0.00	21.66 0.57 0.00	21.38 0.61 0.00	22.71 0.69 0.00	22.36 0.56 0.00	28.94 0.48 0.00	29.68 0.43 0.00	28.28 0.29 0.00	29.37 0.30 0.00	31.17 0.17 0.00	32.60 0.14 0.00	41.13 -0.21 0.00	31.36 -0.50 0.00	38.08 -0.04 0.00	35.55 1.16 0.00	31.76 1.32 0.00	29.59 1.16 0.00
NEG WEST_LEA_LOCKPORT 23791	18.42 -0.13 0.00	17.89 -0.13 0.00	14.34 -0.39 0.00	14.20 -0.33 0.00	13.72 -0.42 0.00	14.51 -0.48 0.00	16.97 -0.37 0.00	18.68 -0.34 0.00	21.22 0.14 0.00	20.80 0.03 0.00	21.64 -0.38 0.00	21.59 -0.21 0.00	28.30 -0.17 0.00	29.19 -0.07 0.00	27.00 -0.99 0.00	27.95 -1.12 0.00	30.01 -0.99 0.00	31.27 -1.19 0.00	39.51 -1.82 0.00	30.34 -1.51 0.00	36.46 -1.65 0.00	33.28 -1.12 0.00	30.31 -0.12 0.00	28.50 0.07 0.00
NEG WEST___LANCASTR 23811	18.54 0.00 0.00	18.00 -0.02 0.00	14.49 -0.23 0.00	14.36 -0.17 0.00	13.91 -0.23 0.00	14.72 -0.28 0.00	17.20 -0.13 0.00	18.98 -0.03 0.00	21.55 0.46 0.00	21.22 0.45 0.00	22.18 0.16 0.00	22.12 0.32 0.00	28.99 0.53 0.00	29.94 0.68 0.00	27.86 -0.13 0.00	28.92 -0.15 0.00	31.00 0.01 0.00	32.32 -0.14 0.00	40.79 -0.54 0.00	31.34 -0.52 0.00	37.56 -0.55 0.00	34.19 -0.21 0.00	30.82 0.39 0.00	29.03 0.60 0.00
NEG_PENN_ALLEGHNY 23528	18.72 0.18 0.00	18.14 0.11 0.00	14.77 0.05 0.00	14.62 0.09 0.00	14.22 0.08 0.00	15.09 0.09 0.00	17.48 0.15 0.00	19.23 0.21 0.00	21.45 0.37 0.00	21.23 0.46 0.00	22.46 0.44 0.00	22.32 0.52 0.00	29.17 0.71 0.00	30.21 0.86 -0.09	28.72 0.65 -0.09	29.89 0.72 -0.11	32.10 0.77 -0.33	34.11 0.79 -0.86	43.66 0.86 -1.47	33.32 0.71 -0.75	40.06 0.75 -1.20	35.99 0.71 -0.89	31.36 0.61 -0.31	29.26 0.65 -0.17
NEG___GEN_MONROE 24207	19.11 0.57 0.00	18.40 0.38 0.00	14.67 -0.06 0.00	14.50 -0.03 0.00	14.06 -0.07 0.00	14.91 -0.08 0.00	17.40 0.06 0.00	19.16 0.15 0.00	21.58 0.50 0.00	21.30 0.52 0.00	22.31 0.29 0.00	22.23 0.43 0.00	29.19 0.72 0.00	30.14 0.88 0.00	28.24 0.26 0.00	29.27 0.20 0.00	31.37 0.38 0.00	32.82 0.36 0.00	41.69 0.36 0.00	31.99 0.13 0.00	38.29 0.18 0.00	34.68 0.28 0.00	31.15 0.72 0.00	29.15 0.72 0.00
NEPA___ENERGY 23901	18.62 0.07 0.00	18.00 -0.03 0.00	14.50 -0.22 0.00	14.44 -0.10 0.00	14.00 -0.14 0.00	14.80 -0.20 0.00	17.24 -0.09 0.00	19.05 0.04 0.00	21.61 0.53 0.00	21.39 0.62 0.00	22.37 0.34 0.00	22.31 0.51 0.00	29.22 0.75 0.00	30.22 0.96 0.00	28.15 0.16 0.00	29.38 0.31 0.00	31.44 0.45 0.00	32.73 0.27 0.00	41.18 -0.16 0.00	31.78 -0.08 0.00	37.94 -0.17 0.00	34.57 0.17 0.00	30.91 0.47 0.00	29.11 0.68 0.00
NEVERSINK___HYD 23608	19.70 1.16 0.00	19.05 1.03 0.00	15.55 0.83 0.00	15.34 0.80 0.00	14.94 0.80 0.00	15.84 0.84 0.00	18.27 0.93 0.00	20.07 1.05 0.00	22.20 1.12 0.00	21.98 1.21 0.00	23.40 1.52 0.13	21.98 1.60 1.42	30.57 2.11 0.00	31.53 2.27 0.00	30.32 2.33 0.00	31.34 2.27 0.00	33.34 2.35 0.00	35.05 2.59 0.00	44.71 3.38 0.00	34.45 2.59 0.00	40.90 2.79 0.00	36.89 2.49 0.00	32.56 2.13 0.00	30.21 1.78 0.00
NEWKRMKL_115KV_TB1 55635	18.91 0.37 0.00	18.40 0.38 0.00	15.10 0.38 0.00	14.91 0.38 0.00	14.52 0.39 0.00	15.39 0.39 0.00	17.72 0.38 0.00	19.39 0.37 0.00	21.38 0.30 0.00	21.06 0.28 0.00	22.61 0.39 -0.20	24.28 0.34 -2.14	28.92 0.46 0.00	29.74 0.49 0.00	28.59 0.60 0.00	29.65 0.59 0.00	31.63 0.63 0.00	33.20 0.74 0.00	42.54 1.20 0.00	32.70 0.84 0.00	39.10 0.98 0.00	35.23 0.83 0.00	31.15 0.72 0.00	28.96 0.54 0.00
NEWTON___FALLS_HYD 23847	18.13 -0.41 0.00	17.64 -0.39 0.00	14.41 -0.32 0.00	14.22 -0.31 0.00	13.87 -0.27 0.00	14.82 -0.18 0.00	17.20 -0.13 0.00	18.85 -0.17 0.00	20.90 -0.18 0.00	20.47 -0.30 0.00	21.77 -0.25 0.00	21.42 -0.38 0.00	27.73 -0.73 0.00	28.44 -0.91 -0.10	27.09 -0.99 -0.09	28.21 -0.97 -0.11	30.21 -1.11 -0.33	32.37 -0.94 -0.85	41.74 -1.05 -1.45	32.05 -0.55 -0.74	38.58 -0.72 -1.19	34.45 -0.82 -0.88	29.67 -1.07 -0.31	27.52 -1.08 -0.17
NGRID_A1_DSASP 323792	18.13 -0.41 0.00	17.65 -0.37 0.00	14.16 -0.57 0.00	14.02 -0.52 0.00	13.54 -0.60 0.00	14.32 -0.67 0.00	16.77 -0.57 0.00	18.46 -0.56 0.00	21.00 -0.08 0.00	20.59 -0.18 0.00	21.41 -0.61 0.00	21.34 -0.46 0.00	27.97 -0.50 0.00	28.86 -0.40 0.00	26.51 -1.48 0.00	27.47 -1.60 0.00	29.47 -1.53 0.00	30.68 -1.78 0.00	38.76 -2.58 0.00	29.77 -2.09 0.00	35.78 -2.33 0.00	32.70 -1.70 0.00	29.92 -0.51 0.00	28.20 -0.23 0.00
NGRID_A2_DSASP 323793	18.13 -0.41 0.00	17.65 -0.37 0.00	14.16 -0.57 0.00	14.02 -0.52 0.00	13.54 -0.60 0.00	14.32 -0.67 0.00	16.77 -0.57 0.00	18.46 -0.56 0.00	21.00 -0.08 0.00	20.59 -0.18 0.00	21.41 -0.61 0.00	21.34 -0.46 0.00	27.97 -0.50 0.00	28.86 -0.40 0.00	26.51 -1.48 0.00	27.47 -1.60 0.00	29.47 -1.53 0.00	30.68 -1.78 0.00	38.76 -2.58 0.00	29.77 -2.09 0.00	35.78 -2.33 0.00	32.70 -1.70 0.00	29.92 -0.51 0.00	28.20 -0.23 0.00
NGRID_A4_DSASP 323807	18.13 -0.41 0.00	17.65 -0.37 0.00	14.16 -0.57 0.00	14.02 -0.52 0.00	13.54 -0.59 0.00	14.32 -0.67 0.00	16.77 -0.57 0.00	18.46 -0.56 0.00	21.00 -0.08 0.00	20.59 -0.18 0.00	21.41 -0.61 0.00	21.34 -0.46 0.00	27.97 -0.50 0.00	28.82 -0.44 0.00	26.50 -1.49 0.00	27.47 -1.60 0.00	29.46 -1.53 0.00	30.67 -1.79 0.00	38.74 -2.60 0.00	29.75 -2.11 0.00	35.77 -2.35 0.00	32.69 -1.71 0.00	29.92 -0.51 0.00	28.20 -0.23 0.00
NIAGARA_115E_LBMP 323715	18.10 -0.44 0.00	17.60 -0.43 0.00	14.11 -0.61 0.00	13.98 -0.56 0.00	13.50 -0.64 0.00	14.29 -0.71 0.00	16.72 -0.62 0.00	18.38 -0.64 0.00	20.92 -0.16 0.00	20.50 -0.27 0.00	21.32 -0.71 0.00	21.26 -0.54 0.00	27.85 -0.62 0.00	28.76 -0.50 0.00	26.58 -1.41 0.00	27.53 -1.54 0.00	29.54 -1.45 0.00	30.77 -1.69 0.00	38.86 -2.47 0.00	29.87 -1.99 0.00	35.90 -2.22 0.00	32.77 -1.62 0.00	29.90 -0.54 0.00	28.15 -0.28 0.00

NIAGARA_115W_LBMP 323714	18.07 -0.47 0.00	17.59 -0.43 0.00	14.11 -0.61 0.00	13.97 -0.56 0.00	13.50 -0.64 0.00	14.27 -0.72 0.00	16.72 -0.62 0.00	18.39 -0.63 0.00	20.93 -0.15 0.00	20.52 -0.25 0.00	21.33 -0.69 0.00	21.27 -0.53 0.00	27.86 -0.60 0.00	28.75 -0.51 0.00	26.40 -1.59 0.00	27.35 -1.72 0.00	29.34 -1.66 0.00	30.54 -1.91 0.00	38.21 -2.75 0.38	29.64 -2.22 0.00	35.63 -2.48 0.00	32.55 -1.85 0.00	29.81 -0.62 0.00	28.11 -0.32 0.00
NIAGARA_230_LBMP 323716	18.19 -0.35 0.00	17.71 -0.32 0.00	14.21 -0.51 0.00	14.07 -0.46 0.00	13.60 -0.53 0.00	14.38 -0.61 0.00	16.83 -0.51 0.00	18.54 -0.48 0.00	21.07 -0.01 0.00	20.65 -0.12 0.00	21.50 -0.52 0.00	21.43 -0.37 0.00	28.09 -0.37 0.00	29.01 -0.25 0.00	26.81 -1.18 0.00	27.79 -1.28 0.00	29.80 -1.19 0.00	31.05 -1.41 0.00	39.25 -2.08 0.00	30.14 -1.72 0.00	36.21 -1.91 0.00	33.03 -1.37 0.00	30.09 -0.34 0.00	28.32 -0.11 0.00
NIAGARA__115KV_198_GIBSON 55903	18.07 -0.47 0.00	17.59 -0.43 0.00	14.11 -0.61 0.00	13.97 -0.56 0.00	13.50 -0.64 0.00	14.27 -0.72 0.00	16.71 -0.62 0.00	18.39 -0.63 0.00	20.93 -0.15 0.00	20.51 -0.26 0.00	21.33 -0.69 0.00	21.26 -0.54 0.00	27.86 -0.60 0.00	28.71 -0.55 0.00	26.39 -1.60 0.00	27.35 -1.72 0.00	29.33 -1.66 0.00	30.53 -1.93 0.00	38.18 -2.77 0.38	29.63 -2.23 0.00	35.62 -2.50 0.00	32.54 -1.86 0.00	29.81 -0.62 0.00	28.11 -0.32 0.00
NIAGARA____ 23760	18.11 -0.43 0.00	17.61 -0.41 0.00	14.12 -0.60 0.00	13.99 -0.54 0.00	13.52 -0.62 0.00	14.31 -0.68 0.00	16.76 -0.58 0.00	18.45 -0.57 0.00	20.99 -0.09 0.00	20.57 -0.20 0.00	21.41 -0.61 0.00	21.35 -0.45 0.00	27.98 -0.48 0.00	28.89 -0.37 0.00	26.65 -1.34 0.00	27.61 -1.45 0.00	29.62 -1.38 0.00	30.85 -1.61 0.00	38.90 -2.34 0.09	29.94 -1.92 0.00	35.98 -2.14 0.00	32.84 -1.56 0.00	29.97 -0.46 0.00	28.20 -0.23 0.00
NINE_MILE_1 23575	17.95 -0.59 0.00	17.44 -0.59 0.00	14.24 -0.48 0.00	14.06 -0.47 0.00	13.67 -0.47 0.00	14.50 -0.49 0.00	16.78 -0.56 0.00	18.42 -0.60 0.00	20.47 -0.61 0.00	20.18 -0.59 0.00	21.36 -0.66 0.00	21.18 -0.62 0.00	27.67 -0.80 0.00	27.11 -0.77 1.38	25.91 -0.81 1.27	26.62 -0.86 1.59	25.22 -0.87 4.90	19.02 -0.85 12.59	18.76 -1.12 21.45	19.98 -0.87 11.00	19.52 -1.10 17.50	20.43 -1.01 12.96	24.98 -0.87 4.58	25.07 -0.81 2.54
NINE_MILE_2 23744	17.95 -0.59 0.00	17.44 -0.59 0.00	14.24 -0.48 0.00	14.06 -0.47 0.00	13.67 -0.47 0.00	14.50 -0.49 0.00	16.78 -0.56 0.00	18.42 -0.60 0.00	20.47 -0.61 0.00	20.18 -0.59 0.00	21.36 -0.66 0.00	21.18 -0.62 0.00	27.67 -0.80 0.00	27.09 -0.77 1.40	25.89 -0.81 1.29	26.60 -0.86 1.61	25.15 -0.87 4.97	18.83 -0.85 12.78	18.44 -1.12 21.77	19.82 -0.87 11.17	19.26 -1.10 17.76	20.23 -1.01 13.16	24.91 -0.87 4.64	25.04 -0.81 2.58
NM_CAPITAL____DRP 24208	18.94 0.40 0.00	18.45 0.43 0.00	15.14 0.42 0.00	14.95 0.42 0.00	14.56 0.42 0.00	15.42 0.43 0.00	17.75 0.41 0.00	19.42 0.40 0.00	21.41 0.33 0.00	21.07 0.30 0.00	22.63 0.40 -0.20	24.32 0.34 -2.17	28.92 0.46 0.00	29.73 0.47 0.00	28.58 0.59 0.00	29.63 0.57 0.00	31.63 0.63 0.00	33.20 0.74 0.00	42.56 1.23 0.00	32.71 0.85 0.00	39.13 1.02 0.00	35.28 0.88 0.00	31.19 0.75 0.00	29.00 0.57 0.00
NM_CENTRAL____DRP 24181	18.31 -0.23 0.00	17.77 -0.25 0.00	14.50 -0.22 0.00	14.32 -0.21 0.00	13.92 -0.21 0.00	14.78 -0.21 0.00	17.12 -0.22 0.00	18.81 -0.21 0.00	20.92 -0.15 0.00	20.63 -0.14 0.00	21.86 -0.16 0.00	21.70 -0.09 0.00	28.37 -0.10 0.00	29.38 -0.01 -0.13	28.00 -0.11 -0.12	29.11 -0.11 -0.15	31.40 -0.07 -0.47	33.67 -0.01 -1.22	43.37 -0.04 -2.07	32.86 -0.06 -1.06	39.65 -0.16 -1.69	35.49 -0.17 -1.25	30.71 -0.16 -0.44	28.52 -0.16 -0.24
NM_FRONTIER____DRP 24179	18.07 -0.47 0.00	17.59 -0.43 0.00	14.11 -0.61 0.00	13.97 -0.56 0.00	13.50 -0.64 0.00	14.27 -0.72 0.00	16.71 -0.62 0.00	18.39 -0.63 0.00	20.93 -0.15 0.00	20.51 -0.26 0.00	21.33 -0.69 0.00	21.26 -0.54 0.00	27.86 -0.60 0.00	28.71 -0.55 0.00	26.39 -1.60 0.00	27.35 -1.72 0.00	29.33 -1.66 0.00	30.53 -1.93 0.00	38.18 -2.77 0.38	29.63 -2.23 0.00	35.62 -2.50 0.00	32.54 -1.86 0.00	29.81 -0.62 0.00	28.11 -0.32 0.00
NM_ST_REGIS____HYD 24053	18.75 0.21 0.00	18.25 0.23 0.00	14.89 0.17 0.00	14.67 0.14 0.00	14.27 0.13 0.00	15.11 0.12 0.00	17.55 0.21 0.00	19.24 0.22 0.00	21.15 0.07 0.00	20.66 -0.11 0.00	21.99 -0.03 0.00	21.62 -0.18 0.00	28.06 -0.41 0.00	28.77 -0.53 -0.05	27.46 -0.57 -0.04	28.45 -0.67 -0.05	30.37 -0.78 -0.15	31.98 -0.88 -0.40	40.81 -1.20 -0.68	31.30 -0.90 -0.35	37.84 -0.83 -0.55	34.37 -0.44 -0.41	30.17 -0.41 -0.14	28.09 -0.42 -0.08
NORTHPORT____1 23551	20.37 1.58 -0.25	19.44 1.42 0.00	15.93 1.21 0.00	15.63 1.09 0.00	15.17 1.03 0.00	15.91 0.92 0.00	18.38 1.05 0.00	20.23 1.22 0.00	22.32 1.25 0.00	22.29 1.52 0.00	24.78 1.89 -0.87	33.53 1.88 -9.85	31.60 2.39 -0.74	35.24 2.52 -3.47	34.77 2.42 -4.36	31.29 2.22 0.00	33.69 2.17 -0.53	34.88 2.42 0.00	73.75 3.24 -29.17	50.27 2.60 -15.82	40.67 2.56 0.00	36.73 2.33 0.00	32.57 2.14 0.00	30.30 1.87 0.00
NORTHPORT____2 23552	20.37 1.58 -0.25	19.44 1.42 0.00	15.93 1.21 0.00	15.63 1.09 0.00	15.17 1.03 0.00	15.91 0.92 0.00	18.38 1.05 0.00	20.23 1.22 0.00	22.32 1.25 0.00	22.29 1.52 0.00	24.78 1.89 -0.87	33.53 1.88 -9.85	31.60 2.39 -0.74	35.24 2.52 -3.47	34.77 2.42 -4.36	31.29 2.22 0.00	33.69 2.17 -0.53	34.88 2.42 0.00	73.75 3.24 -29.17	50.27 2.60 -15.82	40.67 2.56 0.00	36.73 2.33 0.00	32.57 2.14 0.00	30.30 1.87 0.00
NORTHPORT____3 23553	20.33 1.54 -0.25	19.40 1.38 0.00	15.89 1.16 0.00	15.56 1.03 0.00	15.08 0.95 0.00	15.82 0.83 0.00	18.24 0.90 0.00	20.06 1.04 0.00	22.14 1.06 0.00	22.14 1.36 0.00	24.68 1.79 -0.87	33.44 1.79 -9.85	31.51 2.30 -0.74	35.14 2.42 -3.47	34.60 2.41 -4.20	31.21 2.14 0.00	31.36 2.11 1.75	34.78 2.32 0.00	73.74 3.24 -29.17	50.29 2.61 -15.82	40.66 2.55 0.00	36.75 2.35 0.00	32.51 2.08 0.00	30.20 1.77 0.00
NORTHPORT____4 23650	20.33 1.54 -0.25	19.40 1.38 0.00	15.89 1.16 0.00	15.56 1.03 0.00	15.08 0.95 0.00	15.82 0.83 0.00	18.24 0.90 0.00	20.06 1.04 0.00	22.14 1.06 0.00	22.14 1.36 0.00	24.68 1.79 -0.87	33.44 1.79 -9.85	31.51 2.30 -0.74	35.14 2.42 -3.47	34.60 2.41 -4.20	31.21 2.14 0.00	31.36 2.11 1.75	34.78 2.32 0.00	73.74 3.24 -29.17	50.29 2.61 -15.82	40.66 2.55 0.00	36.75 2.35 0.00	32.51 2.08 0.00	30.20 1.77 0.00
NORTHPORT____IC 23718	20.37 1.58 -0.25	19.44 1.42 0.00	15.93 1.21 0.00	15.63 1.09 0.00	15.17 1.03 0.00	15.91 0.92 0.00	18.38 1.05 0.00	20.23 1.22 0.00	22.32 1.25 0.00	22.29 1.52 0.00	24.78 1.89 -0.87	33.53 1.88 -9.85	31.60 2.39 -0.74	35.24 2.52 -3.47	34.77 2.42 -4.36	31.29 2.22 0.00	33.69 2.17 -0.53	34.88 2.42 0.00	73.75 3.24 -29.17	50.27 2.60 -15.82	40.67 2.56 0.00	36.73 2.33 0.00	32.57 2.14 0.00	30.30 1.87 0.00

NORTH____COUNTRY_ESR 323785	19.15 0.61 0.00	18.62 0.59 0.00	15.17 0.45 0.00	14.92 0.39 0.00	14.50 0.36 0.00	15.18 0.18 0.00	17.56 0.23 0.00	19.25 0.23 0.00	21.33 0.25 0.00	21.03 0.26 0.00	22.34 0.32 0.00	22.02 0.22 0.00	28.56 0.09 0.00	29.27 0.01 0.00	27.85 -0.14 0.00	28.92 -0.14 0.00	30.68 -0.32 0.00	31.96 -0.50 0.00	40.28 -1.05 0.00	30.78 -1.08 0.00	37.39 -0.72 0.00	34.85 0.45 0.00	31.17 0.74 0.00	29.12 0.69 0.00
NPX_GEN_1385_PROXY 323591	19.82 1.03 -0.25	19.05 1.03 0.00	15.77 1.04 0.00	15.39 0.85 0.00	15.01 0.88 0.00	15.67 0.67 0.00	18.09 0.76 0.00	20.40 1.12 -0.26	22.13 1.05 0.00	24.60 1.11 -2.71	24.31 1.42 -0.87	33.13 1.48 -9.85	30.89 1.68 -0.74	35.50 1.85 -4.39	34.01 1.66 -4.36	30.50 1.43 0.00	33.67 1.86 -0.82	34.64 2.18 0.00	73.21 2.71 -29.17	50.03 2.35 -15.82	39.96 1.85 0.00	35.96 1.57 0.00	32.15 1.72 0.00	29.83 1.40 0.00
NPX_GEN_CSC 323557	20.57 1.78 -0.25	19.59 1.57 0.00	16.08 1.36 0.00	15.84 1.30 0.00	15.40 1.26 0.00	16.12 1.13 0.00	18.81 1.47 0.00	20.94 1.66 -0.26	22.78 1.70 0.00	25.49 2.01 -2.71	25.10 2.21 -0.87	33.78 2.12 -9.85	31.96 2.75 -0.74	36.60 2.95 -4.39	36.60 2.89 -5.73	31.77 2.70 0.00	53.73 2.73 -20.01	35.46 3.00 0.00	74.43 3.93 -29.17	50.74 3.07 -15.82	41.16 3.05 0.00	37.20 2.79 0.00	32.96 2.52 0.00	30.68 2.25 0.00
NSINS_S_GLNS_FALLS 23858	19.50 0.96 0.00	18.91 0.89 0.00	15.49 0.77 0.00	15.28 0.75 0.00	14.87 0.73 0.00	15.75 0.76 0.00	18.23 0.89 0.00	19.95 0.93 0.00	21.93 0.84 0.00	21.61 0.83 0.00	23.20 0.99 -0.19	24.74 0.88 -2.06	29.78 1.32 0.00	30.68 1.42 0.00	29.61 1.62 0.00	30.83 1.76 0.00	32.97 1.98 0.00	34.74 2.28 0.00	44.67 3.33 0.00	34.11 2.25 0.00	40.72 2.60 0.00	36.79 2.39 0.00	32.36 1.93 0.00	29.98 1.55 0.00
NUCOR_STEEL____DRP 24197	18.66 0.12 0.00	18.12 0.09 0.00	14.75 0.03 0.00	14.53 -0.01 0.00	14.12 -0.02 0.00	14.99 0.00 0.00	17.38 0.05 0.00	19.20 0.18 0.00	21.32 0.24 0.00	21.09 0.32 0.00	22.35 0.33 0.00	22.07 0.27 0.00	28.94 0.47 0.00	30.12 0.63 -0.24	28.75 0.54 -0.22	29.76 0.42 -0.28	32.44 0.59 -0.85	35.44 0.79 -2.20	45.96 0.88 -3.74	34.48 0.70 -1.92	41.96 0.79 -3.05	37.18 0.52 -2.26	31.75 0.52 -0.80	29.39 0.52 -0.44
NUMBER_THREE_WT_PWR 323818	17.60 -0.94 0.00	17.12 -0.90 0.00	14.00 -0.72 0.00	13.84 -0.69 0.00	13.53 -0.60 0.00	14.58 -0.41 0.00	16.92 -0.42 0.00	18.52 -0.50 0.00	20.77 -0.31 0.00	20.49 -0.28 0.00	21.87 -0.15 0.00	21.67 -0.13 0.00	27.86 -0.61 0.00	28.56 -0.82 -0.13	27.22 -0.88 -0.11	28.32 -0.88 -0.14	30.36 -1.06 -0.42	33.10 -0.43 -1.08	42.66 -0.51 -1.84	32.84 0.04 -0.94	39.45 -0.16 -1.50	34.65 -0.86 -1.11	29.41 -1.42 -0.39	27.22 -1.43 -0.22
NYISO_LBMP_REFERENCE 24008	18.54 0.00 0.00	18.02 0.00 0.00	14.72 0.00 0.00	14.53 0.00 0.00	14.14 0.00 0.00	14.99 0.00 0.00	17.34 0.00 0.00	19.02 0.00 0.00	21.08 0.00 0.00	20.77 0.00 0.00	22.02 0.00 0.00	21.80 0.00 0.00	28.47 0.00 0.00	29.26 0.00 0.00	27.99 0.00 0.00	29.07 0.00 0.00	30.99 0.00 0.00	32.46 0.00 0.00	41.34 0.00 0.00	31.86 0.00 0.00	38.12 0.00 0.00	34.40 0.00 0.00	30.43 0.00 0.00	28.43 0.00 0.00
NYPA_BRENTWD____GT 24164	20.66 1.87 -0.25	19.69 1.67 0.00	16.11 1.39 0.00	15.81 1.28 0.00	15.34 1.21 0.00	16.11 1.12 0.00	18.65 1.31 0.00	20.52 1.50 0.00	22.66 1.58 0.00	22.65 1.88 0.00	25.16 2.27 -0.87	33.94 2.29 -9.85	32.09 2.88 -0.74	35.70 2.97 -3.47	35.42 2.82 -4.61	31.70 2.63 0.00	37.75 2.64 -4.11	35.37 2.91 0.00	74.34 3.84 -29.17	50.70 3.02 -15.82	41.28 3.17 0.00	37.32 2.92 0.00	33.25 2.82 0.00	30.88 2.45 0.00
NYPA_GOWANUS____GT5 24156	19.90 1.36 0.00	19.26 1.23 0.00	15.73 1.01 0.00	15.52 0.98 0.00	15.11 0.97 0.00	16.00 1.01 0.00	18.45 1.11 0.00	20.28 1.26 0.00	22.42 1.34 0.00	22.27 1.49 0.00	24.71 1.81 -0.88	32.98 1.83 -9.34	30.81 2.36 0.01	2.56 2.48 29.18	34.76 2.57 -4.21	34.39 2.47 -2.85	35.62 2.47 -2.16	35.00 2.53 -0.01	47.19 3.17 -2.69	35.63 2.38 -1.39	43.23 2.54 -2.57	36.80 2.40 -0.01	33.44 2.21 -0.80	30.38 1.95 0.00
NYPA_GOWANUS____GT6 24157	19.90 1.36 0.00	19.26 1.23 0.00	15.73 1.01 0.00	15.52 0.98 0.00	15.11 0.97 0.00	16.00 1.01 0.00	18.45 1.11 0.00	20.28 1.26 0.00	22.42 1.34 0.00	22.27 1.49 0.00	24.71 1.81 -0.88	32.98 1.83 -9.34	30.81 2.36 0.01	2.56 2.48 29.18	34.76 2.57 -4.21	34.39 2.47 -2.85	35.62 2.47 -2.16	35.00 2.53 -0.01	47.19 3.17 -2.69	35.63 2.38 -1.39	43.23 2.54 -2.57	36.80 2.40 -0.01	33.44 2.21 -0.80	30.38 1.95 0.00
NYPA_HARLEM_RVR_GT1 24160	19.84 1.30 0.00	19.20 1.17 0.00	15.69 0.97 0.00	15.49 0.95 0.00	15.08 0.95 0.00	15.97 0.98 0.00	18.42 1.08 0.00	20.23 1.21 0.00	22.36 1.27 0.00	22.20 1.43 0.00	24.63 1.73 -0.88	32.87 1.72 -9.35	30.67 2.20 0.00	31.57 2.31 0.00	30.42 2.43 0.00	31.39 2.33 0.00	33.33 2.34 0.01	34.86 2.40 0.00	44.41 3.08 0.01	34.13 2.27 0.00	40.51 2.40 0.01	36.62 2.22 0.00	32.52 2.09 0.00	30.31 1.88 0.00
NYPA_HARLEM_RVR_GT2 24161	19.84 1.30 0.00	19.20 1.17 0.00	15.69 0.97 0.00	15.49 0.95 0.00	15.08 0.95 0.00	15.97 0.98 0.00	18.42 1.08 0.00	20.23 1.21 0.00	22.36 1.27 0.00	22.20 1.43 0.00	24.63 1.73 -0.88	32.87 1.72 -9.35	30.67 2.20 0.00	31.57 2.31 0.00	30.42 2.43 0.00	31.39 2.33 0.00	33.33 2.34 0.01	34.86 2.40 0.00	44.41 3.08 0.01	34.13 2.27 0.00	40.51 2.40 0.01	36.62 2.22 0.00	32.52 2.09 0.00	30.31 1.88 0.00
NYPA_KENT____GT 24152	19.88 1.34 0.00	19.24 1.22 0.00	15.73 1.00 0.00	15.51 0.97 0.00	15.10 0.96 0.00	15.99 1.00 0.00	18.44 1.11 0.00	20.27 1.25 0.00	22.42 1.34 0.00	22.27 1.49 0.00	24.71 1.81 -0.88	32.96 1.82 -9.35	33.18 2.32 -2.40	42.49 2.43 -10.80	33.21 2.49 -2.73	33.11 2.41 -1.64	34.62 2.38 -1.24	34.90 2.44 0.00	45.45 3.08 -1.05	34.70 2.30 -0.54	41.58 2.46 -1.01	36.74 2.34 0.00	34.01 2.17 -1.41	30.34 1.91 0.00
NYPA_POUCH1____GT 24155	19.88 1.34 0.00	19.24 1.21 0.00	15.72 0.99 0.00	15.50 0.97 0.00	15.08 0.95 0.00	15.97 0.98 0.00	18.42 1.08 0.00	20.23 1.22 0.00	22.37 1.29 0.00	22.22 1.44 0.00	24.66 1.76 -0.88	32.93 1.78 -9.35	34.93 2.30 -4.17	50.45 2.43 -18.76	35.22 2.48 -4.75	34.33 2.41 -2.85	35.58 2.43 -2.16	34.96 2.50 -0.01	47.15 3.13 -2.69	35.60 2.35 -1.39	43.15 2.43 -2.60	36.73 2.33 -0.01	34.99 2.14 -2.42	30.32 1.88 0.00
NYPA_VERNON____GT2 24162	19.84 1.30 0.00	19.21 1.18 0.00	15.71 0.98 0.00	15.49 0.95 0.00	15.08 0.95 0.00	15.98 0.99 0.00	18.43 1.09 0.00	20.25 1.23 0.00	22.40 1.32 0.00	22.25 1.48 0.00	24.69 1.79 -0.88	32.93 1.78 -9.35	31.35 2.26 -0.63	34.46 2.36 -2.84	31.15 2.44 -0.72	31.84 2.34 -0.43	33.63 2.32 -0.32	34.84 2.38 0.00	43.75 3.01 0.60	33.80 2.25 0.31	39.91 2.38 0.58	36.64 2.25 0.00	32.89 2.09 -0.37	30.27 1.85 0.00

NYPA_VERNON____GT3 24163	19.84	19.21	15.71	15.49	15.08	15.98	18.43	20.25	22.40	22.25	24.69	32.93	31.35	34.46	31.15	31.84	33.63	34.84	43.75	33.80	39.91	36.64	32.89	30.27
	1.30	1.18	0.98	0.95	0.95	0.99	1.09	1.23	1.32	1.48	1.79	1.78	2.26	2.36	2.44	2.34	2.32	2.38	3.01	2.25	2.38	2.25	2.09	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	-9.35	-0.63	-2.84	-0.72	-0.43	-0.32	0.00	0.60	0.31	0.58	0.00	-0.37	0.00
NYPA____ASTORIA_CC1 323568	19.81	19.19	15.69	15.47	15.07	15.96	18.40	20.22	22.36	22.20	24.65	32.88	30.66	31.56	30.37	31.33	33.23	34.77	42.80	33.29	39.01	36.58	32.47	30.23
	1.27	1.16	0.96	0.94	0.93	0.96	1.06	1.20	1.28	1.43	1.75	1.73	2.19	2.30	2.38	2.27	2.25	2.31	2.92	2.19	2.30	2.19	2.04	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	-9.35	0.00	0.00	0.00	0.00	0.01	0.00	1.45	0.75	1.41	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	19.81	19.19	15.69	15.47	15.07	15.96	18.40	20.22	22.36	22.20	24.65	32.88	30.66	31.56	30.37	31.33	33.23	34.77	42.80	33.29	39.01	36.58	32.47	30.23
	1.27	1.16	0.96	0.94	0.93	0.96	1.06	1.20	1.28	1.43	1.75	1.73	2.19	2.30	2.38	2.27	2.25	2.31	2.92	2.19	2.30	2.19	2.04	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	-9.35	0.00	0.00	0.00	0.00	0.01	0.00	1.45	0.75	1.41	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	20.53	19.57	16.02	15.73	15.28	16.03	18.57	20.40	22.52	22.53	24.97	33.72	31.92	35.61	36.52	31.71	53.04	35.35	74.29	50.66	41.10	37.12	32.94	30.64
	1.74	1.54	1.30	1.20	1.14	1.04	1.23	1.39	1.45	1.76	2.08	2.08	2.71	2.89	2.83	2.64	2.64	2.88	3.79	2.98	2.99	2.72	2.51	2.21
	-0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	-9.85	-0.74	-3.47	-5.70	0.00	-19.40	0.00	-29.17	-15.82	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT1 24158	19.84	19.20	15.69	15.49	15.08	15.97	18.42	20.23	22.36	22.20	24.63	32.87	30.67	31.57	30.42	31.39	33.33	34.86	44.41	34.13	40.51	36.62	32.52	30.31
	1.30	1.17	0.97	0.95	0.95	0.98	1.08	1.21	1.27	1.43	1.73	1.72	2.20	2.31	2.43	2.33	2.34	2.40	3.08	2.27	2.40	2.22	2.09	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	-9.35	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	19.84	19.20	15.69	15.49	15.08	15.97	18.42	20.23	22.36	22.20	24.63	32.87	30.67	31.57	30.42	31.39	33.33	34.86	44.41	34.13	40.51	36.62	32.52	30.31
	1.30	1.17	0.97	0.95	0.95	0.98	1.08	1.21	1.27	1.43	1.73	1.72	2.20	2.31	2.43	2.33	2.34	2.40	3.08	2.27	2.40	2.22	2.09	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	-9.35	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.00	0.00
NYS_BARGE____HYD 23848	18.44	17.90	14.34	14.20	13.72	14.53	16.99	18.70	21.26	20.85	21.69	21.64	28.38	29.31	27.09	28.05	30.10	31.38	39.66	30.46	36.59	33.39	30.41	28.58
	-0.11	-0.12	-0.38	-0.33	-0.41	-0.47	-0.35	-0.32	0.17	0.07	-0.33	-0.15	-0.09	0.05	-0.90	-1.02	-0.89	-1.08	-1.67	-1.40	-1.52	-1.01	-0.03	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	18.56	18.04	14.59	14.42	13.98	14.82	17.27	19.03	21.43	21.11	22.19	22.10	29.00	29.96	28.11	29.21	31.29	32.73	41.54	31.87	38.13	34.58	31.02	28.99
	0.03	0.02	-0.13	-0.12	-0.16	-0.18	-0.06	0.01	0.35	0.34	0.17	0.30	0.53	0.70	0.12	0.14	0.30	0.27	0.21	0.01	0.01	0.18	0.59	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAKDALE____35_KV_LOAD 356122	18.64	18.07	14.72	14.57	14.17	15.03	17.41	19.15	21.35	21.13	22.35	22.20	29.02	30.04	28.56	29.72	31.90	33.88	43.37	33.10	39.80	35.78	31.19	29.11
	0.10	0.05	0.00	0.04	0.03	0.04	0.07	0.13	0.27	0.36	0.33	0.41	0.56	0.69	0.49	0.55	0.58	0.59	0.61	0.51	0.53	0.51	0.46	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.08	-0.10	-0.33	-0.84	-1.42	-0.73	-1.16	-0.86	-0.31	-0.17
OCC_CHEM____DRP 24175	18.13	17.65	14.16	14.02	13.54	14.32	16.77	18.46	21.00	20.59	21.41	21.34	27.97	28.82	26.50	27.47	29.46	30.67	38.74	29.75	35.77	32.69	29.92	28.20
	-0.41	-0.37	-0.57	-0.52	-0.59	-0.67	-0.57	-0.56	-0.08	-0.18	-0.61	-0.46	-0.50	-0.44	-1.49	-1.60	-1.53	-1.79	-2.60	-2.11	-2.35	-1.71	-0.51	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OH_GEN_PROXY 24063	18.19	17.70	14.22	14.08	13.62	14.40	27.86	18.83	41.61	23.39	21.55	21.47	28.16	29.99	26.89	27.88	30.18	31.15	39.38	30.24	36.31	33.12	30.14	28.35
	-0.35	-0.32	-0.50	-0.45	-0.52	-0.60	-0.49	-0.45	0.01	-0.09	-0.47	-0.33	-0.31	-0.19	-1.10	-1.19	-1.10	-1.31	-1.95	-1.63	-1.80	-1.28	-0.30	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	-11.01	-0.26	-20.51	-2.71	0.00	0.00	0.00	-0.92	0.00	0.00	-0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DRP 24177	18.13	17.63	14.14	14.01	13.52	14.31	16.74	18.42	20.96	20.55	21.36	21.30	27.91	28.80	26.63	27.59	29.61	30.83	38.94	29.93	35.96	32.84	29.95	28.20
	-0.41	-0.39	-0.59	-0.53	-0.61	-0.68	-0.59	-0.60	-0.12	-0.22	-0.66	-0.50	-0.55	-0.46	-1.36	-1.48	-1.39	-1.63	-2.40	-1.93	-2.15	-1.56	-0.48	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	18.13	17.65	14.16	14.02	13.54	14.32	16.77	18.46	21.00	20.59	21.41	21.34	27.97	28.86	26.51	27.47	29.47	30.68	38.76	29.77	35.78	32.70	29.92	28.20
	-0.41	-0.37	-0.57	-0.52	-0.60	-0.67	-0.57	-0.56	-0.08	-0.18	-0.61	-0.46	-0.50	-0.40	-1.48	-1.60	-1.53	-1.78	-2.58	-2.09	-2.33	-1.70	-0.51	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	18.54	17.99	14.70	14.52	14.15	15.07	17.47	19.16	21.34	21.03	22.36	22.21	28.88	29.84	28.41	29.45	31.53	33.52	42.94	33.06	39.60	35.41	30.85	28.66
	0.00	-0.03	-0.03	-0.01	0.01	0.08	0.13	0.14	0.26	0.26	0.35	0.41	0.41	0.51	0.38	0.32	0.37	0.63	0.88	0.83	0.89	0.57	0.26	0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.04	-0.05	-0.17	-0.42	-0.73	-0.37	-0.59	-0.44	-0.15	-0.09
ONEIDA____115KV_TB4 55905	18.77	18.21	14.86	14.68	14.29	15.19	17.60	19.33	21.50	21.19	22.53	22.37	29.20	30.20	28.84	29.93	32.15	34.18	43.86	33.61	40.38	36.21	31.51	29.24
	0.23	0.18	0.14	0.15	0.15	0.20	0.26	0.31	0.42	0.41	0.51	0.57	0.74	0.86	0.79	0.78	0.90	1.07	1.42	1.18	1.36	1.14	0.84	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.06	-0.08	-0.25	-0.65	-1.11	-0.57	-0.90	-0.67	-0.24	-0.13

ONONDAGA_REF_OCCRA 23987	18.42 -0.12 0.00	17.88 -0.14 0.00	14.59 -0.14 0.00	14.41 -0.13 0.00	14.01 -0.13 0.00	14.87 -0.12 0.00	17.23 -0.10 0.00	18.93 -0.09 0.00	21.05 -0.03 0.00	20.77 0.00 0.00	22.00 -0.02 0.00	21.85 0.05 0.00	28.56 0.09 0.00	29.61 0.19 -0.16	28.24 0.10 -0.15	29.35 0.10 -0.18	31.73 0.16 -0.57	34.18 0.24 -1.48	44.14 0.29 -2.52	33.36 0.21 -1.29	40.34 0.17 -2.06	36.04 0.12 -1.52	31.05 0.08 -0.54	28.79 0.06 -0.30
ONONDAGA___COGEN 23986	18.39 -0.15 0.00	17.85 -0.18 0.00	14.56 -0.16 0.00	14.38 -0.16 0.00	13.98 -0.16 0.00	14.84 -0.15 0.00	17.19 -0.14 0.00	18.90 -0.12 0.00	21.02 -0.06 0.00	20.74 -0.03 0.00	22.00 -0.02 0.00	21.83 0.03 0.00	28.54 0.07 0.00	29.67 0.16 -0.25	28.31 0.09 -0.23	29.39 0.04 -0.29	31.99 0.11 -0.88	34.94 0.21 -2.27	45.43 0.22 -3.87	34.00 0.16 -1.99	41.38 0.10 -3.16	36.77 0.03 -2.34	31.28 0.02 -0.83	28.89 0.00 -0.46
ONTARIO___LFGE 23819	18.60 0.06 0.00	18.02 -0.01 0.00	14.63 -0.10 0.00	14.46 -0.07 0.00	14.04 -0.10 0.00	14.92 -0.07 0.00	17.37 0.03 0.00	19.15 0.14 0.00	21.46 0.38 0.00	21.20 0.43 0.00	22.40 0.38 0.00	22.32 0.52 0.00	29.12 0.65 0.00	30.18 0.83 -0.08	28.62 0.56 -0.07	29.68 0.53 -0.09	31.93 0.65 -0.28	33.88 0.70 -0.72	43.36 0.79 -1.24	33.15 0.66 -0.64	39.83 0.70 -1.01	35.79 0.64 -0.75	31.35 0.65 -0.26	29.30 0.72 -0.15
ORANGEVILLE_WT_PWR 323706	18.33 -0.21 0.00	17.79 -0.24 0.00	14.32 -0.40 0.00	14.18 -0.35 0.00	13.72 -0.42 0.00	14.58 -0.42 0.00	17.02 -0.32 0.00	18.80 -0.22 0.00	21.37 0.29 0.00	21.13 0.37 0.00	22.15 0.12 0.00	22.03 0.23 0.00	28.72 0.26 0.00	29.67 0.41 0.00	27.51 -0.48 0.00	28.50 -0.56 0.00	30.58 -0.41 0.00	31.87 -0.59 0.00	40.35 -0.99 0.00	31.17 -0.69 0.00	37.27 -0.84 0.00	33.80 -0.59 0.00	30.67 0.24 0.00	28.89 0.46 0.00
ORANGEVILLE___ESR 323794	18.33 -0.21 0.00	17.79 -0.24 0.00	14.32 -0.40 0.00	14.18 -0.35 0.00	13.72 -0.42 0.00	14.58 -0.42 0.00	17.02 -0.32 0.00	18.80 -0.22 0.00	21.37 0.29 0.00	21.13 0.37 0.00	22.15 0.12 0.00	22.03 0.23 0.00	28.72 0.26 0.00	29.67 0.41 0.00	27.51 -0.48 0.00	28.50 -0.56 0.00	30.58 -0.41 0.00	31.87 -0.59 0.00	40.35 -0.99 0.00	31.17 -0.69 0.00	37.27 -0.84 0.00	33.80 -0.59 0.00	30.67 0.24 0.00	28.89 0.46 0.00
OSWEGATCHIE___HYD 24044	18.12 -0.42 0.00	17.64 -0.39 0.00	14.41 -0.32 0.00	14.22 -0.31 0.00	13.87 -0.27 0.00	14.82 -0.18 0.00	17.20 -0.13 0.00	18.85 -0.17 0.00	20.90 -0.18 0.00	20.47 -0.30 0.00	21.77 -0.25 0.00	21.42 -0.38 0.00	27.73 -0.73 0.00	28.44 -0.91 -0.10	27.09 -0.99 -0.09	28.21 -0.96 -0.11	30.21 -1.11 -0.33	32.37 -0.94 -0.85	41.74 -1.05 -1.45	32.05 -0.55 -0.74	38.58 -0.72 -1.19	34.45 -0.82 -0.88	29.68 -1.07 -0.31	27.52 -1.08 -0.17
OSWEGO___5 23606	18.09 -0.45 0.00	17.57 -0.45 0.00	14.35 -0.38 0.00	14.17 -0.37 0.00	13.77 -0.37 0.00	14.61 -0.38 0.00	16.92 -0.42 0.00	18.57 -0.45 0.00	20.64 -0.44 0.00	20.35 -0.41 0.00	21.54 -0.48 0.00	21.36 -0.44 0.00	27.91 -0.55 0.00	29.77 -0.52 -1.03	28.35 -0.58 -0.94	29.65 -0.61 -1.18	34.05 -0.60 -3.66	41.27 -0.57 -9.39	56.57 -0.76 -16.00	39.47 -0.60 -8.20	50.40 -0.76 -13.05	43.35 -0.71 -9.67	33.23 -0.61 -3.41	29.76 -0.57 -1.90
OSWEGO___6 23613	18.09 -0.45 0.00	17.57 -0.45 0.00	14.35 -0.38 0.00	14.17 -0.37 0.00	13.77 -0.37 0.00	14.61 -0.38 0.00	16.92 -0.42 0.00	18.57 -0.45 0.00	20.64 -0.44 0.00	20.35 -0.41 0.00	21.54 -0.48 0.00	21.36 -0.44 0.00	27.91 -0.55 0.00	29.77 -0.52 -1.03	28.35 -0.58 -0.94	29.65 -0.61 -1.18	34.05 -0.60 -3.66	41.27 -0.57 -9.39	56.57 -0.76 -16.00	39.47 -0.60 -8.20	50.40 -0.76 -13.05	43.35 -0.71 -9.67	33.23 -0.61 -3.41	29.76 -0.57 -1.90
OUTOKUMPU-AB___DRP 24206	18.55 0.02 0.00	18.03 0.00 0.00	14.45 -0.27 0.00	14.31 -0.22 0.00	13.83 -0.30 0.00	14.64 -0.35 0.00	17.13 -0.20 0.00	18.89 -0.13 0.00	21.50 0.42 0.00	21.13 0.36 0.00	22.03 0.01 0.00	21.98 0.18 0.00	28.80 0.33 0.00	29.67 0.41 0.00	27.37 -0.62 0.00	28.36 -0.70 0.00	30.43 -0.56 0.00	31.72 -0.74 0.00	40.01 -1.32 0.00	30.71 -1.15 0.00	36.91 -1.21 0.00	33.78 -0.61 0.00	30.73 0.30 0.00	28.89 0.47 0.00
OXBOW____ 24026	18.37 -0.17 0.00	17.86 -0.16 0.00	14.32 -0.40 0.00	14.18 -0.36 0.00	13.71 -0.43 0.00	14.50 -0.50 0.00	16.97 -0.36 0.00	18.70 -0.32 0.00	21.28 0.20 0.00	20.90 0.13 0.00	21.76 -0.26 0.00	21.71 -0.09 0.00	28.45 -0.01 0.00	29.36 0.10 0.00	27.02 -0.96 0.00	27.99 -1.08 0.00	30.03 -0.97 0.00	31.28 -1.17 0.00	39.49 -1.85 0.00	30.31 -1.55 0.00	36.43 -1.69 0.00	33.31 -1.09 0.00	30.38 -0.05 0.00	28.59 0.16 0.00
OXY_CHEM_DSASP 323612	18.13 -0.41 0.00	17.65 -0.37 0.00	14.16 -0.57 0.00	14.02 -0.52 0.00	13.54 -0.59 0.00	14.32 -0.67 0.00	16.77 -0.57 0.00	18.46 -0.56 0.00	21.00 -0.08 0.00	20.59 -0.18 0.00	21.41 -0.61 0.00	21.34 -0.46 0.00	27.97 -0.50 0.00	28.82 -0.44 0.00	26.50 -1.49 0.00	27.47 -1.60 0.00	29.46 -1.53 0.00	30.67 -1.79 0.00	38.74 -2.60 0.00	29.75 -2.11 0.00	35.77 -2.35 0.00	32.69 -1.71 0.00	29.92 -0.51 0.00	28.20 -0.23 0.00
OZONE_PARK_ESR 323760	20.05 1.51 0.00	19.40 1.38 0.00	15.85 1.13 0.00	15.64 1.10 0.00	15.22 1.09 0.00	16.13 1.13 0.00	18.60 1.27 0.00	20.45 1.44 0.00	22.63 1.55 0.00	22.47 1.70 0.00	24.94 2.05 -0.88	33.20 2.06 -9.35	31.13 2.66 0.00	32.08 2.82 0.00	30.87 2.88 0.00	31.93 2.86 0.00	33.90 2.90 0.00	35.46 3.00 0.00	45.14 3.80 0.00	34.70 2.84 0.00	41.16 3.05 0.00	37.24 2.84 0.00	33.04 2.61 0.00	30.74 2.31 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.13 -0.41 0.00	17.65 -0.37 0.00	14.16 -0.57 0.00	14.02 -0.52 0.00	13.54 -0.59 0.00	14.32 -0.67 0.00	16.77 -0.57 0.00	18.46 -0.56 0.00	21.00 -0.08 0.00	20.59 -0.18 0.00	21.41 -0.61 0.00	21.34 -0.46 0.00	27.97 -0.50 0.00	28.82 -0.44 0.00	26.50 -1.49 0.00	27.47 -1.60 0.00	29.46 -1.53 0.00	30.67 -1.79 0.00	38.74 -2.60 0.00	29.75 -2.11 0.00	35.77 -2.35 0.00	32.69 -1.71 0.00	29.92 -0.51 0.00	28.20 -0.23 0.00
PACKARD___115KV_DUPONT_184 80571	18.13 -0.41 0.00	17.65 -0.37 0.00	14.16 -0.57 0.00	14.02 -0.52 0.00	13.54 -0.59 0.00	14.32 -0.67 0.00	16.77 -0.57 0.00	18.46 -0.56 0.00	21.00 -0.08 0.00	20.59 -0.18 0.00	21.41 -0.61 0.00	21.34 -0.46 0.00	27.97 -0.50 0.00	28.82 -0.44 0.00	26.50 -1.49 0.00	27.47 -1.60 0.00	29.46 -1.53 0.00	30.67 -1.79 0.00	38.74 -2.60 0.00	29.75 -2.11 0.00	35.77 -2.35 0.00	32.69 -1.71 0.00	29.92 -0.51 0.00	28.20 -0.23 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.80 1.26 0.00	19.17 1.14 0.00	15.67 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.94 0.95 0.00	18.39 1.05 0.00	20.18 1.17 0.00	22.29 1.22 0.00	22.14 1.37 0.00	24.56 1.66 -0.88	32.81 1.66 -9.35	30.61 2.14 0.00	31.53 2.27 0.00	30.35 2.37 0.00	31.32 2.26 0.00	33.27 2.29 0.01	34.82 2.36 0.00	44.40 3.07 0.01	34.16 2.31 0.00	40.54 2.43 0.01	36.65 2.25 0.00	32.50 2.07 0.00	30.25 1.82 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.85 1.31 0.00	19.21 1.19 0.00	15.71 0.99 0.00	15.51 0.97 0.00	15.11 0.97 0.00	16.00 1.00 0.00	18.41 1.07 0.00	20.21 1.19 0.00	22.30 1.23 0.00	22.15 1.38 0.00	24.63 1.74 -0.88	32.91 1.77 -9.35	30.78 2.31 0.00	31.71 2.46 0.00	30.56 2.57 0.00	31.42 2.35 0.00	33.39 2.41 0.01	34.98 2.52 0.00	44.59 3.26 0.01	34.35 2.49 0.00	40.77 2.66 0.01	36.84 2.45 0.00	32.67 2.24 0.00	30.40 1.97 0.00
PATROON__115KV_TB1 80586	18.97 0.43 0.00	18.46 0.44 0.00	15.15 0.42 0.00	14.96 0.42 0.00	14.56 0.43 0.00	15.43 0.44 0.00	17.77 0.43 0.00	19.45 0.43 0.00	21.45 0.37 0.00	21.13 0.36 0.00	22.69 0.47 -0.20	24.36 0.43 -2.13	29.04 0.57 0.00	29.87 0.61 0.00	28.71 0.72 0.00	29.77 0.71 0.00	31.76 0.77 0.00	33.34 0.88 0.00	42.71 1.38 0.00	32.83 0.97 0.00	39.25 1.14 0.00	35.37 0.97 0.00	31.27 0.83 0.00	29.06 0.64 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.63 0.09 0.00	18.08 0.06 0.00	14.53 -0.19 0.00	14.40 -0.14 0.00	13.94 -0.20 0.00	14.75 -0.24 0.00	17.25 -0.09 0.00	19.04 0.03 0.00	21.64 0.56 0.00	21.32 0.55 0.00	22.29 0.27 0.00	22.24 0.45 0.00	29.17 0.70 0.00	30.13 0.87 0.00	28.00 0.01 0.00	29.03 -0.03 0.00	31.15 0.15 0.00	32.46 0.00 0.00	40.94 -0.39 0.00	31.46 -0.40 0.00	37.70 -0.41 0.00	34.31 -0.09 0.00	30.99 0.56 0.00	29.16 0.72 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.82 1.28 0.00	19.21 1.19 0.00	15.70 0.98 0.00	15.49 0.96 0.00	15.09 0.95 0.00	15.99 1.00 0.00	18.44 1.11 0.00	20.26 1.24 0.00	22.37 1.29 0.00	22.19 1.42 0.00	24.05 1.70 -0.33	26.99 1.69 -3.51	30.70 2.23 0.00	31.67 2.41 0.00	30.47 2.48 0.00	31.60 2.54 0.00	33.63 2.64 0.00	35.27 2.81 0.00	44.99 3.66 0.00	34.59 2.73 0.00	41.06 2.95 0.00	37.03 2.63 0.00	32.72 2.29 0.00	30.38 1.96 0.00
PEEKSKILL____ 23653	19.64 1.10 0.00	19.02 1.00 0.00	15.55 0.83 0.00	15.35 0.82 0.00	14.95 0.82 0.00	15.84 0.85 0.00	18.26 0.92 0.00	20.05 1.03 0.00	22.16 1.08 0.00	21.98 1.21 0.00	24.53 1.49 -1.02	34.16 1.48 -10.88	30.38 1.91 0.00	31.26 2.00 0.00	30.05 2.06 0.00	31.12 2.06 0.00	33.08 2.08 0.00	34.65 2.19 0.00	44.16 2.82 0.00	33.95 2.09 0.00	40.32 2.20 0.00	36.46 2.07 0.00	32.29 1.86 0.00	30.02 1.59 0.00
PGE MADISON__WINDPWR 24146	19.64 1.10 0.00	19.02 1.00 0.00	15.51 0.78 0.00	15.33 0.79 0.00	14.92 0.79 0.00	15.87 0.88 0.00	18.47 1.13 0.00	20.36 1.34 0.00	22.67 1.59 0.00	22.25 1.48 0.00	23.52 1.50 0.00	23.39 1.59 0.00	30.66 2.20 0.00	31.89 2.53 -0.10	30.41 2.33 -0.09	31.67 2.49 -0.11	34.19 2.84 -0.36	36.64 3.26 -0.92	47.02 4.11 -1.57	36.05 3.39 -0.80	43.40 4.00 -1.28	38.84 3.50 -0.95	33.73 2.96 -0.34	31.23 2.62 -0.19
PIERCEFIELD__HYD 23852	18.58 0.04 0.00	18.10 0.07 0.00	14.77 0.05 0.00	14.56 0.02 0.00	14.17 0.03 0.00	15.04 0.04 0.00	17.46 0.13 0.00	19.14 0.12 0.00	21.00 -0.08 0.00	20.47 -0.30 0.00	21.80 -0.22 0.00	21.43 -0.37 0.00	27.80 -0.66 0.00	28.51 -0.80 -0.05	27.23 -0.80 -0.04	28.21 -0.91 -0.05	30.14 -1.02 -0.17	31.79 -1.11 -0.44	40.64 -1.45 -0.75	31.22 -1.03 -0.39	37.66 -1.06 -0.61	34.00 -0.85 -0.45	29.75 -0.84 -0.16	27.70 -0.82 -0.09
PINELAWN_CC_1 323563	20.54 1.75 -0.25	19.58 1.56 0.00	16.02 1.30 0.00	15.72 1.19 0.00	15.27 1.13 0.00	16.05 1.06 0.00	18.55 1.22 0.00	20.42 1.40 0.00	22.54 1.46 0.00	22.51 1.74 0.00	24.88 1.99 -0.87	33.59 1.95 -9.85	31.70 2.49 -0.74	35.32 2.60 -3.47	34.92 2.52 -4.41	31.44 2.37 0.00	34.67 2.40 -1.28	35.11 2.65 0.00	74.03 3.53 -29.17	50.39 2.72 -15.82	40.90 2.79 0.00	37.15 2.76 0.00	33.14 2.71 0.00	30.77 2.34 0.00
PJM_GEN_HTP_PROXY 323702	19.76 1.22 0.00	19.13 1.11 0.00	15.64 0.92 0.00	15.44 0.90 0.00	15.03 0.89 0.00	15.92 0.93 0.00	18.36 1.02 0.00	20.19 1.17 -0.01	22.31 1.23 0.00	22.16 1.39 0.00	24.61 1.71 -0.88	32.86 1.71 -9.35	30.66 2.20 0.00	31.58 2.32 0.00	30.38 2.39 0.00	31.41 2.34 0.00	33.35 2.36 0.00	35.00 2.42 -0.12	44.40 3.07 0.00	34.14 2.28 0.00	40.50 2.38 0.00	36.63 2.23 0.00	31.02 2.06 1.48	30.24 1.81 0.00
PJM_GEN_KEystone 24065	18.93 0.39 0.00	18.33 0.31 0.00	14.91 0.19 0.00	14.76 0.23 0.00	14.36 0.23 0.00	15.22 0.22 0.00	17.61 0.27 0.00	19.37 0.34 -0.01	21.60 0.52 0.00	21.41 0.64 0.00	21.43 0.68 1.26	8.77 0.74 13.76	29.46 0.99 0.00	30.39 1.13 0.00	28.84 0.85 0.00	29.94 0.87 0.00	31.88 0.88 0.00	33.44 0.85 -0.12	42.25 0.92 0.00	32.51 0.65 0.00	38.71 0.59 0.00	35.53 0.69 -0.44	29.75 0.79 1.48	29.23 0.80 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.23 1.44 -0.25	19.31 1.29 0.00	15.80 1.08 0.00	15.53 0.99 0.00	15.08 0.95 0.00	15.88 0.89 0.00	18.33 1.00 0.00	20.17 1.14 -0.01	22.25 1.17 0.00	22.20 1.43 0.00	24.67 1.78 -0.87	33.46 1.81 -9.85	31.52 2.31 -0.74	35.14 2.41 -3.47	34.71 2.40 -4.32	31.34 2.27 0.00	33.25 2.26 0.00	35.06 2.47 -0.12	73.75 3.25 -29.17	50.17 2.49 -15.82	40.67 2.56 0.00	36.81 2.41 0.00	31.14 2.18 1.48	30.30 1.87 0.00
PJM_GEN_VFT_PROXY 323633	19.69 1.15 0.00	19.08 1.05 0.00	15.60 0.88 0.00	15.40 0.86 0.00	15.00 0.86 0.00	15.89 0.90 0.00	18.30 0.96 0.00	20.11 1.08 -0.01	22.20 1.13 0.00	22.06 1.28 0.00	24.50 1.61 -0.88	28.56 1.62 -5.14	30.54 2.07 0.00	31.47 2.21 0.00	30.31 2.32 0.00	31.33 2.26 0.00	33.23 2.24 0.00	34.87 2.28 -0.12	44.22 2.89 0.00	34.01 2.15 0.00	40.28 2.16 0.00	36.43 2.03 0.00	30.87 1.91 1.48	30.11 1.68 0.00
PLATSBRG_115KV_PMLD1 355749	19.43 0.89 0.00	18.88 0.86 0.00	15.40 0.68 0.00	15.13 0.60 0.00	14.69 0.55 0.00	15.39 0.39 0.00	17.83 0.49 0.00	19.52 0.51 0.00	21.61 0.53 0.00	21.33 0.56 0.00	22.66 0.64 0.00	22.32 0.52 0.00	28.92 0.46 0.00	29.66 0.40 0.00	28.27 0.28 0.00	29.39 0.32 0.00	31.19 0.19 0.00	32.56 0.10 0.00	41.03 -0.30 0.00	31.23 -0.63 0.00	37.95 -0.17 0.00	35.45 1.05 0.00	31.69 1.26 0.00	29.54 1.11 0.00
PLEASANTVLY__LBMP 24000	19.50 0.95 0.00	18.92 0.90 0.00	15.49 0.77 0.00	15.28 0.75 0.00	14.89 0.75 0.00	15.77 0.78 0.00	18.17 0.83 0.00	19.93 0.91 0.00	21.99 0.91 0.00	21.77 1.00 0.00	23.66 1.23 -0.41	27.34 1.22 -4.32	30.03 1.57 0.00	30.91 1.65 0.00	29.71 1.72 0.00	30.78 1.71 0.00	32.72 1.73 0.00	34.29 1.83 0.00	43.81 2.48 0.00	33.69 1.83 0.00	40.07 1.95 0.00	36.19 1.79 0.00	32.01 1.57 0.00	29.76 1.33 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.70 1.16 0.00	19.08 1.06 0.00	15.61 0.88 0.00	15.39 0.86 0.00	15.00 0.86 0.00	15.88 0.89 0.00	18.31 0.98 0.00	20.12 1.10 0.00	22.23 1.15 0.00	22.05 1.28 0.00	24.28 1.58 -0.69	30.72 1.60 -7.33	30.54 2.07 0.00	31.44 2.18 0.00	30.22 2.24 0.00	31.31 2.24 0.00	33.26 2.26 0.00	34.84 2.38 0.00	44.41 3.08 0.00	34.10 2.24 0.00	40.50 2.38 0.00	36.59 2.19 0.00	32.39 1.96 0.00	30.13 1.69 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.70 1.16 0.00	19.08 1.06 0.00	15.61 0.88 0.00	15.39 0.86 0.00	15.00 0.86 0.00	15.88 0.89 0.00	18.31 0.98 0.00	20.12 1.10 0.00	22.23 1.15 0.00	22.05 1.28 0.00	24.28 1.58 -0.69	30.72 1.60 -7.33	30.54 2.07 0.00	31.44 2.18 0.00	30.22 2.24 0.00	31.31 2.24 0.00	33.26 2.26 0.00	34.84 2.38 0.00	44.41 3.08 0.00	34.10 2.24 0.00	40.50 2.38 0.00	36.59 2.19 0.00	32.39 1.96 0.00	30.13 1.69 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.66 1.12 0.00	19.07 1.05 0.00	15.61 0.88 0.00	15.39 0.86 0.00	14.99 0.86 0.00	15.89 0.89 0.00	18.32 0.98 0.00	20.10 1.08 0.00	22.19 1.12 0.00	21.98 1.21 0.00	23.68 1.46 -0.20	25.44 1.48 -2.16	30.42 1.96 0.00	31.32 2.06 0.00	30.13 2.14 0.00	31.20 2.14 0.00	33.20 2.21 0.00	34.84 2.38 0.00	44.52 3.18 0.00	34.25 2.39 0.00	40.69 2.57 0.00	36.70 2.30 0.00	32.40 1.97 0.00	30.09 1.66 0.00
POLETTI____ 23519	19.77 1.22 0.00	19.14 1.12 0.00	15.65 0.93 0.00	15.45 0.91 0.00	15.05 0.91 0.00	15.93 0.94 0.00	18.37 1.03 0.00	20.19 1.17 0.00	22.31 1.23 0.00	22.16 1.39 0.00	24.60 1.71 -0.88	32.86 1.72 -9.35	30.65 2.19 0.00	31.58 2.32 0.00	30.39 2.40 0.00	31.41 2.34 0.00	33.34 2.35 0.00	34.87 2.42 0.00	44.39 3.06 0.00	34.12 2.27 0.00	40.48 2.37 0.00	36.62 2.22 0.00	32.50 2.07 0.00	30.24 1.81 0.00
POMONA____ESR 323819	19.62 1.08 0.00	18.99 0.97 0.00	15.52 0.80 0.00	15.32 0.78 0.00	14.92 0.79 0.00	15.82 0.82 0.00	18.23 0.89 0.00	20.02 1.00 0.00	22.12 1.04 0.00	21.95 1.18 0.00	22.31 1.47 1.18	10.72 1.48 12.56	30.36 1.90 0.00	31.24 1.98 0.00	30.01 2.02 0.00	31.10 2.03 0.00	33.04 2.05 0.00	34.62 2.16 0.00	44.10 2.76 0.00	33.89 2.03 0.00	40.24 2.13 0.00	36.41 2.01 0.00	32.24 1.81 0.00	29.98 1.55 0.00
PORT_JEFF_3 23555	20.57 1.78 -0.25	19.60 1.58 0.00	16.05 1.33 0.00	15.76 1.23 0.00	15.29 1.15 0.00	16.03 1.04 0.00	18.56 1.22 0.00	20.36 1.34 0.00	22.48 1.40 0.00	22.52 1.75 0.00	25.03 2.13 -0.87	33.79 2.14 -9.85	32.02 2.81 -0.74	35.73 3.01 -3.47	36.69 2.94 -5.76	31.74 2.67 0.00	53.84 2.65 -20.20	35.29 2.83 0.00	74.21 3.71 -29.17	50.62 2.94 -15.82	41.04 2.93 0.00	37.07 2.67 0.00	32.92 2.48 0.00	30.66 2.23 0.00
PORT_JEFF_4 23616	20.57 1.78 -0.25	19.60 1.58 0.00	16.05 1.33 0.00	15.76 1.23 0.00	15.29 1.15 0.00	16.03 1.04 0.00	18.56 1.22 0.00	20.36 1.34 0.00	22.48 1.40 0.00	22.52 1.75 0.00	25.03 2.13 -0.87	33.79 2.14 -9.85	32.02 2.81 -0.74	35.73 3.01 -3.47	36.69 2.94 -5.76	31.74 2.67 0.00	53.84 2.65 -20.20	35.29 2.83 0.00	74.21 3.71 -29.17	50.62 2.94 -15.82	41.04 2.93 0.00	37.07 2.67 0.00	32.92 2.48 0.00	30.66 2.23 0.00
PORT_JEFF_IC 23713	20.60 1.81 -0.25	19.64 1.61 0.00	16.08 1.35 0.00	15.79 1.25 0.00	15.31 1.18 0.00	16.06 1.07 0.00	18.60 1.26 0.00	20.42 1.40 0.00	22.56 1.48 0.00	22.60 1.83 0.00	25.08 2.19 -0.87	33.86 2.20 -9.85	32.11 2.90 -0.74	35.84 3.11 -3.47	37.00 3.05 -5.97	31.75 2.69 0.00	56.86 2.71 -23.16	35.35 2.89 0.00	74.31 3.81 -29.17	50.75 3.07 -15.82	41.18 3.06 0.00	37.19 2.79 0.00	33.04 2.61 0.00	30.76 2.33 0.00
PPL PILGRIM_ST_GT1 24216	20.66 1.87 -0.25	19.69 1.67 0.00	16.11 1.39 0.00	15.81 1.28 0.00	15.34 1.21 0.00	16.11 1.12 0.00	18.65 1.31 0.00	20.52 1.50 0.00	22.66 1.58 0.00	22.65 1.88 0.00	25.16 2.27 -0.87	33.94 2.29 -9.85	32.09 2.88 -0.74	35.70 2.97 -3.47	35.42 2.82 -4.61	31.70 2.63 0.00	37.75 2.64 -4.11	35.37 2.91 0.00	74.34 3.84 -29.17	50.70 3.02 -15.82	41.28 3.17 0.00	37.32 2.92 0.00	33.25 2.82 0.00	30.88 2.45 0.00
PPL PILGRIM_ST_GT2 24217	20.66 1.87 -0.25	19.69 1.67 0.00	16.11 1.39 0.00	15.81 1.28 0.00	15.34 1.21 0.00	16.11 1.12 0.00	18.65 1.31 0.00	20.52 1.50 0.00	22.66 1.58 0.00	22.65 1.88 0.00	25.16 2.27 -0.87	33.94 2.29 -9.85	32.09 2.88 -0.74	35.70 2.97 -3.47	35.42 2.82 -4.61	31.70 2.63 0.00	37.75 2.64 -4.11	35.37 2.91 0.00	74.34 3.84 -29.17	50.70 3.02 -15.82	41.28 3.17 0.00	37.32 2.92 0.00	33.25 2.82 0.00	30.88 2.45 0.00
PPL_SHRM_GT3 24213	20.57 1.78 -0.25	19.59 1.57 0.00	16.08 1.36 0.00	15.83 1.30 0.00	15.39 1.25 0.00	16.12 1.12 0.00	18.79 1.46 0.00	20.66 1.64 0.00	22.76 1.68 0.00	22.76 1.99 0.00	25.08 2.19 -0.87	33.78 2.12 -9.85	31.97 2.76 -0.74	35.69 2.96 -3.47	36.67 2.90 -5.78	31.82 2.75 0.00	54.33 2.77 -20.57	35.50 3.03 0.00	74.48 3.98 -29.17	50.77 3.10 -15.82	41.19 3.08 0.00	37.22 2.82 0.00	32.96 2.53 0.00	30.68 2.25 0.00
PPL_SHRM_GT4 24214	20.57 1.78 -0.25	19.59 1.57 0.00	16.08 1.36 0.00	15.83 1.30 0.00	15.39 1.25 0.00	16.12 1.12 0.00	18.79 1.46 0.00	20.66 1.64 0.00	22.76 1.68 0.00	22.76 1.99 0.00	25.08 2.19 -0.87	33.78 2.12 -9.85	31.97 2.76 -0.74	35.69 2.96 -3.47	36.67 2.90 -5.78	31.82 2.75 0.00	54.33 2.77 -20.57	35.50 3.03 0.00	74.48 3.98 -29.17	50.77 3.10 -15.82	41.19 3.08 0.00	37.22 2.82 0.00	32.96 2.53 0.00	30.68 2.25 0.00
PROJECT___ORANGE 1 24174	18.33 -0.21 0.00	17.79 -0.23 0.00	14.51 -0.21 0.00	14.33 -0.20 0.00	13.94 -0.20 0.00	14.79 -0.20 0.00	17.14 -0.20 0.00	18.83 -0.19 0.00	20.94 -0.14 0.00	20.65 -0.12 0.00	21.88 -0.14 0.00	21.73 -0.07 0.00	28.40 -0.07 0.00	29.41 0.02 -0.13	28.03 -0.08 -0.12	29.14 -0.08 -0.15	31.43 -0.04 -0.47	33.70 0.02 -1.22	43.39 -0.01 -2.07	32.89 -0.03 -1.06	39.68 -0.13 -1.69	35.51 -0.14 -1.25	30.74 -0.13 -0.44	28.54 -0.13 -0.24
PROJECT___ORANGE 2 24166	18.33 -0.21 0.00	17.79 -0.23 0.00	14.51 -0.21 0.00	14.33 -0.20 0.00	13.94 -0.20 0.00	14.79 -0.20 0.00	17.14 -0.20 0.00	18.83 -0.19 0.00	20.94 -0.14 0.00	20.65 -0.12 0.00	21.88 -0.14 0.00	21.73 -0.07 0.00	28.40 -0.07 0.00	29.41 0.02 -0.13	28.03 -0.08 -0.12	29.14 -0.08 -0.15	31.43 -0.04 -0.47	33.70 0.02 -1.22	43.39 -0.01 -2.07	32.89 -0.03 -1.06	39.68 -0.13 -1.69	35.51 -0.14 -1.25	30.74 -0.13 -0.44	28.54 -0.13 -0.24
PUCKETT___SOLAR 323809	18.92 0.39 0.00	18.33 0.31 0.00	14.92 0.20 0.00	14.78 0.24 0.00	14.37 0.23 0.00	15.26 0.27 0.00	17.70 0.37 0.00	19.47 0.46 0.00	21.69 0.61 0.00	21.46 0.69 0.00	22.70 0.69 0.00	22.45 0.65 0.00	29.25 0.78 0.00	30.31 0.96 -0.09	28.83 0.76 -0.08	30.09 0.92 -0.10	32.29 0.97 -0.32	34.42 1.13 -0.83	44.20 1.44 -1.42	33.81 1.23 -0.73	40.67 1.40 -1.16	36.53 1.28 -0.86	31.84 1.10 -0.30	29.65 1.05 -0.17
PYRITES___HYD 24023	18.90 0.36 0.00	18.40 0.38 0.00	15.01 0.29 0.00	14.80 0.27 0.00	14.40 0.26 0.00	15.29 0.30 0.00	17.80 0.47 0.00	19.50 0.48 0.00	21.43 0.34 0.00	20.88 0.11 0.00	22.20 0.17 0.00	21.86 0.06 0.00	28.47 0.00 0.00	29.25 -0.06 -0.05	27.96 -0.07 -0.04	28.88 -0.23 -0.05	30.85 -0.31 -0.16	32.44 -0.42 -0.40	41.49 -0.54 -0.69	31.92 -0.29 -0.36	38.52 -0.16 -0.56	34.77 -0.04 -0.42	30.44 -0.13 -0.15	28.35 -0.16 -0.08

QUAKERRD_115KV_BK1 80622	18.07 -0.47 0.00	17.55 -0.47 0.00	14.22 -0.51 0.00	14.05 -0.48 0.00	13.63 -0.51 0.00	14.45 -0.54 0.00	16.83 -0.51 0.00	18.53 -0.49 0.00	20.83 -0.25 0.00	20.52 -0.25 0.00	21.62 -0.40 0.00	21.51 -0.28 0.00	28.20 -0.26 0.00	29.11 -0.15 0.00	27.43 -0.55 0.00	28.50 -0.57 0.00	30.51 -0.48 0.00	31.94 -0.53 0.00	40.56 -0.77 0.00	31.13 -0.73 0.00	37.21 -0.91 0.00	33.69 -0.71 0.00	30.11 -0.32 0.00	28.14 -0.29 0.00
QUENSBRY_115KV_TB8 356137	19.54 1.00 0.00	18.94 0.91 0.00	15.51 0.79 0.00	15.30 0.76 0.00	14.89 0.75 0.00	15.77 0.77 0.00	18.26 0.92 0.00	19.98 0.96 0.00	21.95 0.87 0.00	21.65 0.87 0.00	23.21 1.00 -0.19	24.73 0.88 -2.06	29.80 1.34 0.00	30.71 1.45 0.00	29.66 1.67 0.00	30.90 1.83 0.00	33.07 2.08 0.00	34.87 2.41 0.00	44.85 3.52 0.00	34.19 2.33 0.00	40.80 2.68 0.00	36.88 2.49 0.00	32.44 2.00 0.00	30.06 1.63 0.00
RAMAPO___LBMP 323565	19.54 1.01 0.00	18.92 0.89 0.00	15.47 0.74 0.00	15.26 0.73 0.00	14.88 0.74 0.00	15.77 0.77 0.00	18.16 0.83 0.00	19.94 0.92 0.00	22.03 0.95 0.00	21.86 1.08 0.00	22.25 1.36 1.13	11.11 1.35 12.04	30.19 1.73 0.00	31.08 1.83 0.00	29.85 1.86 0.00	30.94 1.88 0.00	32.88 1.89 0.00	34.45 1.99 0.00	43.89 2.55 0.00	33.74 1.88 0.00	40.09 1.97 0.00	36.26 1.86 0.00	32.10 1.67 0.00	29.85 1.42 0.00
RANKINE____ 23646	18.60 0.06 0.00	18.06 0.04 0.00	14.50 -0.22 0.00	14.36 -0.17 0.00	13.90 -0.24 0.00	14.70 -0.29 0.00	17.20 -0.13 0.00	18.99 -0.03 0.00	21.60 0.52 0.00	21.25 0.48 0.00	22.19 0.17 0.00	22.13 0.33 0.00	29.01 0.54 0.00	29.94 0.68 0.00	27.75 -0.23 0.00	28.80 -0.26 0.00	30.92 -0.08 0.00	32.20 -0.26 0.00	40.65 -0.69 0.00	31.26 -0.60 0.00	37.46 -0.66 0.00	34.12 -0.28 0.00	30.93 0.50 0.00	29.08 0.65 0.00
RAVENSWOOD_GT2_1 24244	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.39 1.05 0.00	20.21 1.19 0.00	22.34 1.26 0.00	22.18 1.41 0.00	24.62 1.73 -0.88	32.87 1.72 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.40 2.41 0.00	31.43 2.36 0.00	33.36 2.37 0.00	34.90 2.44 0.00	44.44 3.11 0.00	34.17 2.31 0.00	40.55 2.44 0.00	36.67 2.28 0.00	32.53 2.10 0.00	30.28 1.85 0.00
RAVENSWOOD_GT2_2 24245	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.39 1.05 0.00	20.21 1.19 0.00	22.34 1.26 0.00	22.18 1.41 0.00	24.62 1.73 -0.88	32.87 1.72 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.40 2.41 0.00	31.43 2.36 0.00	33.36 2.37 0.00	34.90 2.44 0.00	44.44 3.11 0.00	34.17 2.31 0.00	40.55 2.44 0.00	36.67 2.28 0.00	32.53 2.10 0.00	30.28 1.85 0.00
RAVENSWOOD_GT2_3 24246	19.81 1.27 0.00	19.18 1.16 0.00	15.68 0.96 0.00	15.47 0.94 0.00	15.07 0.93 0.00	15.96 0.97 0.00	18.40 1.06 0.00	20.22 1.21 0.00	22.35 1.27 0.00	22.20 1.43 0.00	24.64 1.74 -0.88	32.89 1.74 -9.35	30.70 2.24 0.00	31.61 2.35 0.00	30.42 2.43 0.00	31.46 2.39 0.00	33.39 2.39 0.00	34.93 2.47 0.00	44.47 3.14 0.00	34.19 2.33 0.00	40.57 2.46 0.00	36.70 2.30 0.00	32.56 2.13 0.00	30.30 1.87 0.00
RAVENSWOOD_GT2_4 24247	19.81 1.27 0.00	19.18 1.16 0.00	15.68 0.96 0.00	15.47 0.94 0.00	15.07 0.93 0.00	15.96 0.97 0.00	18.40 1.06 0.00	20.22 1.21 0.00	22.35 1.27 0.00	22.20 1.43 0.00	24.64 1.74 -0.88	32.89 1.74 -9.35	30.70 2.24 0.00	31.61 2.35 0.00	30.42 2.43 0.00	31.46 2.39 0.00	33.39 2.39 0.00	34.93 2.47 0.00	44.47 3.14 0.00	34.19 2.33 0.00	40.57 2.46 0.00	36.70 2.30 0.00	32.56 2.13 0.00	30.30 1.87 0.00
RAVENSWOOD_GT3_1 24248	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.38 1.05 0.00	20.21 1.19 0.00	22.34 1.26 0.00	22.18 1.41 0.00	24.62 1.73 -0.88	32.87 1.73 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.40 2.41 0.00	31.43 2.36 0.00	33.36 2.37 0.00	34.90 2.44 0.00	44.44 3.11 0.00	34.17 2.31 0.00	40.55 2.44 0.00	36.67 2.28 0.00	32.53 2.10 0.00	30.28 1.85 0.00
RAVENSWOOD_GT3_2 24249	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.38 1.05 0.00	20.21 1.19 0.00	22.34 1.26 0.00	22.18 1.41 0.00	24.62 1.73 -0.88	32.87 1.73 -9.35	30.67 2.21 0.00	31.59 2.33 0.00	30.40 2.41 0.00	31.43 2.36 0.00	33.36 2.37 0.00	34.90 2.44 0.00	44.44 3.11 0.00	34.17 2.31 0.00	40.55 2.44 0.00	36.67 2.28 0.00	32.53 2.10 0.00	30.28 1.85 0.00
RAVENSWOOD_GT3_3 24250	19.84 1.30 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.95 0.00	15.08 0.95 0.00	15.98 0.98 0.00	18.42 1.08 0.00	20.25 1.23 0.00	22.39 1.31 0.00	22.23 1.46 0.00	24.68 1.78 -0.88	32.93 1.79 -9.35	30.76 2.29 0.00	31.68 2.42 0.00	30.48 2.49 0.00	31.51 2.44 0.00	33.44 2.45 0.00	34.99 2.53 0.00	44.55 3.22 0.00	34.25 2.39 0.00	40.64 2.53 0.00	36.76 2.36 0.00	32.61 2.18 0.00	30.34 1.91 0.00
RAVENSWOOD_GT3_4 24251	19.84 1.30 0.00	19.21 1.18 0.00	15.70 0.98 0.00	15.49 0.95 0.00	15.08 0.94 0.00	15.98 0.98 0.00	18.42 1.08 0.00	20.25 1.23 0.00	22.39 1.31 0.00	22.23 1.46 0.00	24.68 1.78 -0.88	32.93 1.78 -9.35	30.76 2.29 0.00	31.67 2.41 0.00	30.48 2.49 0.00	31.51 2.45 0.00	33.45 2.45 0.00	34.99 2.53 0.00	44.55 3.22 0.00	34.26 2.40 0.00	40.64 2.52 0.00	36.76 2.36 0.00	32.61 2.18 0.00	30.34 1.91 0.00
RAVENSWOOD_GT_1 23729	19.84 1.30 0.00	19.21 1.18 0.00	15.71 0.98 0.00	15.49 0.95 0.00	15.08 0.95 0.00	15.98 0.99 0.00	18.43 1.09 0.00	20.25 1.23 0.00	22.40 1.32 0.00	22.25 1.48 0.00	24.69 1.79 -0.88	32.93 1.78 -9.35	31.35 2.26 -0.63	34.46 2.36 -2.84	31.15 2.44 -0.72	31.84 2.34 -0.43	33.63 2.32 -0.32	34.84 2.38 0.00	43.75 3.01 0.60	33.80 2.25 0.31	39.91 2.38 0.58	36.64 2.25 0.00	32.89 2.09 -0.37	30.27 1.85 0.00
RAVENSWOOD_GT_10 24258	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.38 1.05 0.00	20.21 1.19 0.00	22.34 1.26 0.00	22.18 1.41 0.00	24.62 1.73 -0.88	32.88 1.73 -9.35	30.68 2.22 0.00	31.60 2.34 0.00	30.40 2.41 0.00	31.43 2.37 0.00	33.37 2.37 0.00	34.91 2.45 0.00	44.45 3.12 0.00	34.18 2.32 0.00	40.56 2.44 0.00	36.68 2.28 0.00	32.54 2.11 0.00	30.28 1.85 0.00
RAVENSWOOD_GT_11 24259	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.38 1.05 0.00	20.21 1.19 0.00	22.34 1.26 0.00	22.18 1.41 0.00	24.62 1.73 -0.88	32.87 1.73 -9.35	30.68 2.22 0.00	31.59 2.34 0.00	30.40 2.41 0.00	31.43 2.36 0.00	33.37 2.38 0.00	34.91 2.45 0.00	44.45 3.11 0.00	34.17 2.31 0.00	40.56 2.44 0.00	36.68 2.28 0.00	32.54 2.11 0.00	30.28 1.85 0.00



RAVENSWOOD_GT_4 24252	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.38 1.05 0.00	20.21 1.19 0.00	22.33 1.25 0.00	22.18 1.41 0.00	24.62 1.73 -0.88	32.88 1.73 -9.35	31.17 2.22 -0.48	33.77 2.35 -2.16	30.95 2.42 -0.55	31.78 2.38 -0.33	33.63 2.40 -0.25	34.93 2.48 0.00	44.03 3.16 0.45	33.98 2.35 0.23	40.15 2.47 0.44	36.70 2.31 0.00	32.84 2.13 -0.28	30.30 1.87 0.00
RAVENSWOOD_GT_5 24254	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.38 1.05 0.00	20.21 1.19 0.00	22.33 1.25 0.00	22.18 1.41 0.00	24.62 1.73 -0.88	32.88 1.73 -9.35	31.17 2.22 -0.48	33.77 2.35 -2.16	30.95 2.42 -0.55	31.78 2.38 -0.33	33.63 2.40 -0.25	34.93 2.48 0.00	44.03 3.16 0.45	33.98 2.35 0.23	40.15 2.47 0.44	36.70 2.31 0.00	32.84 2.13 -0.28	30.30 1.87 0.00
RAVENSWOOD_GT_6 24253	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.38 1.05 0.00	20.21 1.19 0.00	22.33 1.25 0.00	22.18 1.41 0.00	24.62 1.73 -0.88	32.88 1.73 -9.35	31.17 2.22 -0.48	33.77 2.35 -2.16	30.95 2.42 -0.55	31.78 2.38 -0.33	33.63 2.40 -0.25	34.93 2.48 0.00	44.03 3.16 0.45	33.98 2.35 0.23	40.15 2.47 0.44	36.70 2.31 0.00	32.84 2.13 -0.28	30.30 1.87 0.00
RAVENSWOOD_GT_7 24255	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.38 1.05 0.00	20.21 1.19 0.00	22.33 1.25 0.00	22.18 1.41 0.00	24.62 1.73 -0.88	32.88 1.73 -9.35	31.17 2.22 -0.48	33.77 2.35 -2.16	30.95 2.42 -0.55	31.78 2.38 -0.33	33.63 2.40 -0.25	34.93 2.48 0.00	44.03 3.16 0.45	33.98 2.35 0.23	40.15 2.47 0.44	36.70 2.31 0.00	32.84 2.13 -0.28	30.30 1.87 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.38 1.05 0.00	20.21 1.19 0.00	22.34 1.26 0.00	22.18 1.41 0.00	24.62 1.73 -0.88	32.88 1.73 -9.35	30.68 2.22 0.00	31.60 2.34 0.00	30.40 2.41 0.00	31.43 2.37 0.00	33.37 2.37 0.00	34.91 2.45 0.00	44.45 3.12 0.00	34.18 2.32 0.00	40.56 2.44 0.00	36.68 2.28 0.00	32.54 2.11 0.00	30.28 1.85 0.00
RAVENSWOOD_GT_9 24257	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.46 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.38 1.05 0.00	20.21 1.19 0.00	22.34 1.26 0.00	22.18 1.41 0.00	24.62 1.73 -0.88	32.87 1.73 -9.35	30.68 2.22 0.00	31.59 2.34 0.00	30.40 2.41 0.00	31.43 2.36 0.00	33.37 2.38 0.00	34.91 2.45 0.00	44.45 3.11 0.00	34.17 2.31 0.00	40.56 2.44 0.00	36.68 2.28 0.00	32.54 2.11 0.00	30.28 1.85 0.00
RAVENSWOOD___1 23533	19.83 1.29 0.00	19.20 1.17 0.00	15.70 0.98 0.00	15.48 0.95 0.00	15.08 0.94 0.00	15.97 0.98 0.00	18.42 1.08 0.00	20.25 1.23 0.00	22.39 1.31 0.00	22.23 1.46 0.00	24.67 1.77 -0.88	32.90 1.76 -9.35	30.70 2.24 0.00	31.60 2.34 0.00	30.42 2.43 0.00	31.39 2.33 0.00	33.29 2.30 0.01	34.82 2.36 0.00	42.88 2.99 1.44	33.34 2.23 0.75	39.06 2.35 1.40	36.62 2.22 0.00	32.50 2.07 0.00	30.25 1.82 0.00
RAVENSWOOD___2 23534	19.79 1.25 0.00	19.15 1.13 0.00	15.67 0.94 0.00	15.45 0.91 0.00	15.05 0.91 0.00	15.94 0.94 0.00	18.38 1.04 0.00	20.20 1.18 0.00	22.34 1.26 0.00	22.19 1.42 0.00	24.62 1.73 -0.88	32.86 1.71 -9.35	30.61 2.14 0.00	31.44 2.18 0.00	30.30 2.31 0.00	31.25 2.19 0.00	33.08 2.10 0.01	34.54 2.08 0.00	42.49 2.63 1.47	33.06 1.96 0.76	38.70 2.01 1.42	36.32 1.92 0.00	32.25 1.82 0.00	30.03 1.60 0.00
RAVENSWOOD___3 23535	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.47 0.93 0.00	15.06 0.92 0.00	15.95 0.96 0.00	18.39 1.05 0.00	20.21 1.19 0.00	22.34 1.27 0.00	22.18 1.41 0.00	24.62 1.73 -0.88	32.88 1.73 -9.35	30.68 2.22 0.00	31.59 2.33 0.00	30.40 2.41 0.00	31.43 2.36 0.00	33.36 2.37 0.00	34.90 2.44 0.00	44.44 3.11 0.00	34.17 2.31 0.00	40.55 2.44 0.00	36.68 2.28 0.00	32.54 2.11 0.00	30.28 1.85 0.00
RAVENSWOOD___4 23820	19.82 1.28 0.00	19.19 1.17 0.00	15.69 0.97 0.00	15.48 0.94 0.00	15.07 0.93 0.00	15.96 0.97 0.00	18.41 1.07 0.00	20.23 1.21 0.00	22.37 1.29 0.00	22.21 1.44 0.00	24.65 1.76 -0.88	32.88 1.74 -9.35	30.05 2.21 0.62	28.78 2.32 2.79	29.68 2.40 0.71	30.95 2.31 0.43	32.95 2.28 0.33	34.79 2.33 0.01	41.99 2.96 2.30	32.87 2.21 1.19	38.20 2.31 2.23	36.58 2.19 0.00	32.11 2.04 0.36	30.23 1.80 0.00
RCPI_TRUST___DRP 24196	19.78 1.24 0.00	19.15 1.13 0.00	15.66 0.93 0.00	15.45 0.91 0.00	15.04 0.90 0.00	15.93 0.94 0.00	18.38 1.04 0.00	20.21 1.19 0.00	22.34 1.26 0.00	22.19 1.42 0.00	24.64 1.75 -0.88	32.90 1.75 -9.35	30.72 2.26 0.00	31.64 2.38 0.00	30.43 2.44 0.00	31.46 2.39 0.00	33.40 2.41 0.00	34.93 2.47 0.00	44.48 3.14 0.00	34.18 2.32 0.00	40.56 2.44 0.00	36.68 2.28 0.00	32.53 2.10 0.00	30.27 1.84 0.00
RED___ROCHESTER 323720	18.70 0.16 0.00	18.16 0.14 0.00	14.68 -0.04 0.00	14.51 -0.03 0.00	14.06 -0.07 0.00	14.91 -0.08 0.00	17.39 0.05 0.00	19.15 0.13 0.00	21.58 0.50 0.00	21.28 0.50 0.00	22.37 0.35 0.00	22.31 0.51 0.00	29.29 0.83 0.00	30.28 1.02 0.00	28.42 0.43 0.00	29.54 0.47 0.00	31.66 0.67 0.00	33.13 0.67 0.00	42.07 0.73 0.00	32.25 0.39 0.00	38.55 0.44 0.00	34.94 0.54 0.00	31.32 0.89 0.00	29.26 0.83 0.00
REGAN___SOLAR 323812	20.31 1.77 0.00	19.63 1.60 0.00	15.99 1.26 0.00	15.78 1.24 0.00	15.34 1.21 0.00	16.35 1.36 0.00	18.99 1.66 0.00	20.64 1.62 0.00	22.78 1.70 0.00	22.34 1.57 0.00	23.85 1.67 -0.16	25.21 1.75 -1.66	30.80 2.33 0.00	31.70 2.44 0.00	30.30 2.31 0.00	31.16 2.09 0.00	33.30 2.31 0.00	35.30 2.84 0.00	45.53 4.20 0.00	35.56 3.70 0.00	42.51 4.40 0.00	38.22 3.83 0.00	33.59 3.16 0.00	31.36 2.92 0.00
RENSSELAER___COGEN 23796	18.86 0.32 0.00	18.37 0.34 0.00	15.07 0.35 0.00	14.88 0.35 0.00	14.49 0.36 0.00	15.36 0.36 0.00	17.68 0.34 0.00	19.34 0.32 0.00	21.32 0.24 0.00	20.98 0.21 0.00	22.51 0.29 -0.20	24.16 0.21 -2.15	28.75 0.28 0.00	29.55 0.29 0.00	28.40 0.41 0.00	29.46 0.39 0.00	31.42 0.42 0.00	32.98 0.52 0.00	42.27 0.94 0.00	32.50 0.64 0.00	38.89 0.77 0.00	35.06 0.66 0.00	31.02 0.58 0.00	28.86 0.43 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.55 2.01 0.00	19.65 1.63 0.00	16.19 1.47 0.00	15.95 1.42 0.00	15.50 1.36 0.00	16.38 1.39 0.00	19.09 1.75 0.00	20.89 1.88 0.00	22.96 1.88 0.00	22.61 1.84 0.00	24.36 2.14 -0.19	26.04 2.18 -2.06	31.59 3.12 0.00	32.51 3.25 0.00	31.53 3.54 0.00	32.58 3.51 0.00	35.00 4.01 0.00	37.13 4.67 0.00	47.95 6.62 0.00	36.05 4.19 0.00	42.81 4.69 0.00	39.01 4.61 0.00	34.16 3.73 0.00	31.67 3.25 0.00

REVERE_CPPR_DRP 24186	18.84 0.30 0.00	18.28 0.25 0.00	14.92 0.19 0.00	14.74 0.20 0.00	14.35 0.21 0.00	15.27 0.27 0.00	17.70 0.37 0.00	19.44 0.42 0.00	21.64 0.56 0.00	21.33 0.55 0.00	22.70 0.68 0.00	22.53 0.73 0.00	29.36 0.89 0.00	30.39 1.05 -0.07	29.00 0.95 -0.06	30.10 0.96 -0.07	32.34 1.12 -0.23	34.40 1.35 -0.59	44.17 1.84 -1.00	33.93 1.55 -0.51	40.70 1.77 -0.82	36.44 1.44 -0.60	31.68 1.03 -0.21	29.38 0.83 -0.12
REYNOLDS_115KV_TB3 80639	18.97 0.43 0.00	18.49 0.47 0.00	15.19 0.47 0.00	15.00 0.46 0.00	14.60 0.46 0.00	15.47 0.47 0.00	17.78 0.45 0.00	19.44 0.42 0.00	21.43 0.35 0.00	21.10 0.33 0.00	22.65 0.42 -0.21	24.36 0.35 -2.21	28.92 0.46 0.00	29.72 0.47 0.00	28.56 0.58 0.00	29.62 0.56 0.00	31.62 0.62 0.00	33.20 0.74 0.00	42.58 1.25 0.00	32.72 0.86 0.00	39.18 1.06 0.00	35.31 0.91 0.00	31.23 0.80 0.00	29.03 0.60 0.00
RIVERBAY____ 323610	19.85 1.31 0.00	19.21 1.19 0.00	15.71 0.99 0.00	15.51 0.97 0.00	15.11 0.97 0.00	16.00 1.00 0.00	18.41 1.07 0.00	20.21 1.19 0.00	22.30 1.23 0.00	22.15 1.38 0.00	24.63 1.74 -0.88	32.91 1.77 -9.35	30.78 2.31 0.00	31.71 2.46 0.00	30.56 2.57 0.00	31.42 2.35 0.00	33.39 2.41 0.01	34.98 2.52 0.00	44.59 3.26 0.01	34.35 2.49 0.00	40.77 2.66 0.01	36.84 2.45 0.00	32.67 2.24 0.00	30.40 1.97 0.00
RIVERSDE_115KV_TB3 55908	18.94 0.40 0.00	18.45 0.43 0.00	15.14 0.42 0.00	14.95 0.42 0.00	14.56 0.42 0.00	15.42 0.43 0.00	17.75 0.41 0.00	19.42 0.40 0.00	21.41 0.33 0.00	21.07 0.30 0.00	22.63 0.40 -0.20	24.32 0.34 -2.17	28.92 0.46 0.00	29.73 0.47 0.00	28.58 0.59 0.00	29.63 0.57 0.00	31.63 0.63 0.00	33.20 0.74 0.00	42.56 1.23 0.00	32.71 0.85 0.00	39.13 1.02 0.00	35.28 0.88 0.00	31.19 0.75 0.00	29.00 0.57 0.00
ROARING__BROOK_WT_PWR 323790	17.72 -0.81 0.00	17.21 -0.82 0.00	14.09 -0.63 0.00	13.97 -0.57 0.00	13.64 -0.49 0.00	14.61 -0.38 0.00	16.89 -0.45 0.00	18.53 -0.49 0.00	20.69 -0.39 0.00	20.50 -0.27 0.00	21.90 -0.12 0.00	21.72 -0.08 0.00	28.14 -0.33 0.00	28.75 -0.51 0.00	27.46 -0.52 0.00	28.49 -0.58 0.00	30.40 -0.59 0.00	32.21 -0.25 0.00	40.88 -0.45 0.00	31.65 -0.21 0.00	37.48 -0.64 0.00	33.17 -1.23 0.00	28.97 -1.47 0.00	27.07 -1.36 0.00
ROCHESRG_115KV_T4 355643	18.47 -0.07 0.00	17.95 -0.07 0.00	14.52 -0.21 0.00	14.35 -0.18 0.00	13.91 -0.23 0.00	14.74 -0.25 0.00	17.19 -0.15 0.00	18.92 -0.09 0.00	21.32 0.23 0.00	20.99 0.21 0.00	22.06 0.04 0.00	21.96 0.16 0.00	28.81 0.34 0.00	29.73 0.48 0.00	27.91 -0.08 0.00	28.98 -0.08 0.00	31.05 0.06 0.00	32.47 0.01 0.00	41.20 -0.13 0.00	31.62 -0.24 0.00	37.83 -0.28 0.00	34.32 -0.08 0.00	30.81 0.37 0.00	28.81 0.38 0.00
ROCHESTER_9_IC 23652	18.59 0.05 0.00	18.07 0.04 0.00	14.61 -0.12 0.00	14.44 -0.10 0.00	13.99 -0.14 0.00	14.83 -0.16 0.00	17.30 -0.04 0.00	19.05 0.04 0.00	21.46 0.38 0.00	21.15 0.38 0.00	22.23 0.21 0.00	22.15 0.35 0.00	29.07 0.61 0.00	30.02 0.76 0.00	28.18 0.19 0.00	29.28 0.21 0.00	31.38 0.39 0.00	32.82 0.36 0.00	41.64 0.31 0.00	31.95 0.09 0.00	38.21 0.09 0.00	34.65 0.25 0.00	31.08 0.65 0.00	29.05 0.62 0.00
ROCKVIEW_13_KV_LD 356306	19.80 1.26 0.00	19.17 1.15 0.00	15.67 0.95 0.00	15.46 0.92 0.00	15.05 0.92 0.00	15.94 0.95 0.00	18.40 1.06 0.00	20.22 1.20 0.00	22.35 1.27 0.00	22.18 1.41 0.00	24.61 1.71 -0.88	32.85 1.72 -9.34	30.69 2.23 0.00	31.61 2.35 0.00	30.39 2.40 0.00	31.45 2.38 0.00	33.42 2.42 0.00	34.99 2.53 0.00	44.58 3.25 0.00	34.28 2.42 0.00	40.70 2.58 0.00	36.78 2.39 0.00	32.59 2.15 0.00	30.31 1.88 0.00
ROME____115KV_TB2 80656	18.84 0.30 0.00	18.28 0.25 0.00	14.92 0.19 0.00	14.74 0.20 0.00	14.35 0.21 0.00	15.27 0.27 0.00	17.70 0.37 0.00	19.44 0.42 0.00	21.64 0.56 0.00	21.33 0.55 0.00	22.70 0.68 0.00	22.53 0.73 0.00	29.36 0.89 0.00	30.39 1.05 -0.07	29.00 0.95 -0.06	30.10 0.96 -0.07	32.34 1.12 -0.23	34.40 1.35 -0.59	44.17 1.84 -1.00	33.93 1.55 -0.51	40.70 1.77 -0.82	36.44 1.44 -0.60	31.68 1.03 -0.21	29.38 0.83 -0.12
ROSETON__1 23587	19.48 0.94 0.00	18.89 0.87 0.00	15.46 0.73 0.00	15.25 0.72 0.00	14.86 0.72 0.00	15.74 0.75 0.00	18.14 0.80 0.00	19.90 0.88 0.00	21.97 0.89 0.00	21.75 0.98 0.00	23.23 1.21 0.00	22.98 1.18 0.00	29.98 1.52 0.00	30.86 1.60 0.00	29.67 1.68 0.00	30.73 1.66 0.00	32.66 1.67 0.00	34.23 1.77 0.00	43.65 2.32 0.00	33.58 1.73 0.00	39.94 1.82 0.00	36.09 1.69 0.00	31.94 1.51 0.00	29.74 1.31 0.00
ROSETON__2 23588	19.48 0.94 0.00	18.89 0.87 0.00	15.46 0.73 0.00	15.25 0.72 0.00	14.86 0.72 0.00	15.74 0.75 0.00	18.14 0.80 0.00	19.90 0.88 0.00	21.97 0.89 0.00	21.75 0.98 0.00	23.23 1.21 0.00	22.98 1.18 0.00	29.98 1.52 0.00	30.86 1.60 0.00	29.67 1.68 0.00	30.73 1.66 0.00	32.66 1.67 0.00	34.23 1.77 0.00	43.65 2.32 0.00	33.58 1.73 0.00	39.94 1.82 0.00	36.09 1.69 0.00	31.94 1.51 0.00	29.74 1.31 0.00
ROTTRDAM_115KV_TB3 80664	19.21 0.67 0.00	18.66 0.64 0.00	15.29 0.56 0.00	15.09 0.55 0.00	14.69 0.55 0.00	15.57 0.57 0.00	17.97 0.63 0.00	19.68 0.66 0.00	21.72 0.64 0.00	21.42 0.64 0.00	22.99 0.78 -0.19	24.52 0.73 -1.99	29.45 0.99 0.00	30.31 1.05 0.00	29.11 1.12 0.00	30.20 1.14 0.00	32.19 1.20 0.00	33.80 1.34 0.00	43.26 1.93 0.00	33.29 1.43 0.00	39.78 1.66 0.00	35.87 1.47 0.00	31.68 1.25 0.00	29.44 1.01 0.00
RUSSELL__1 23602	18.70 0.16 0.00	18.16 0.14 0.00	14.68 -0.04 0.00	14.51 -0.03 0.00	14.06 -0.07 0.00	14.91 -0.08 0.00	17.39 0.05 0.00	19.15 0.13 0.00	21.58 0.50 0.00	21.28 0.51 0.00	22.37 0.35 0.00	22.31 0.51 0.00	29.29 0.82 0.00	30.26 1.00 0.00	28.42 0.43 0.00	29.54 0.47 0.00	31.66 0.67 0.00	33.12 0.66 0.00	42.05 0.72 0.00	32.24 0.38 0.00	38.54 0.43 0.00	34.94 0.54 0.00	31.32 0.89 0.00	29.26 0.83 0.00
RUSSELL__2 23532	18.70 0.16 0.00	18.16 0.14 0.00	14.68 -0.04 0.00	14.51 -0.03 0.00	14.06 -0.07 0.00	14.91 -0.08 0.00	17.39 0.05 0.00	19.15 0.13 0.00	21.58 0.50 0.00	21.28 0.51 0.00	22.37 0.35 0.00	22.31 0.51 0.00	29.29 0.82 0.00	30.26 1.00 0.00	28.42 0.43 0.00	29.54 0.47 0.00	31.66 0.67 0.00	33.12 0.66 0.00	42.05 0.72 0.00	32.24 0.38 0.00	38.54 0.43 0.00	34.94 0.54 0.00	31.32 0.89 0.00	29.26 0.83 0.00
RUSSELL__3 23549	18.70 0.16 0.00	18.16 0.14 0.00	14.68 -0.04 0.00	14.51 -0.03 0.00	14.06 -0.07 0.00	14.91 -0.08 0.00	17.39 0.05 0.00	19.15 0.13 0.00	21.58 0.50 0.00	21.28 0.51 0.00	22.37 0.35 0.00	22.31 0.51 0.00	29.29 0.82 0.00	30.26 1.00 0.00	28.42 0.43 0.00	29.54 0.47 0.00	31.66 0.67 0.00	33.12 0.66 0.00	42.05 0.72 0.00	32.24 0.38 0.00	38.54 0.43 0.00	34.94 0.54 0.00	31.32 0.89 0.00	29.26 0.83 0.00

RUSSELL___4 23556	18.70 0.16 0.00	18.16 0.14 0.00	14.68 -0.04 0.00	14.51 -0.03 0.00	14.06 -0.07 0.00	14.91 -0.08 0.00	17.39 0.05 0.00	19.15 0.13 0.00	21.58 0.50 0.00	21.28 0.51 0.00	22.37 0.35 0.00	22.31 0.51 0.00	29.29 0.82 0.00	30.26 1.00 0.00	28.42 0.43 0.00	29.54 0.47 0.00	31.66 0.67 0.00	33.12 0.66 0.00	42.05 0.72 0.00	32.24 0.38 0.00	38.54 0.43 0.00	34.94 0.54 0.00	31.32 0.89 0.00	29.26 0.83 0.00
RUSSELL___STATION 23914	18.70 0.16 0.00	18.16 0.14 0.00	14.68 -0.04 0.00	14.51 -0.03 0.00	14.06 -0.07 0.00	14.91 -0.08 0.00	17.39 0.05 0.00	19.15 0.13 0.00	21.58 0.50 0.00	21.28 0.51 0.00	22.37 0.35 0.00	22.31 0.51 0.00	29.29 0.82 0.00	30.26 1.00 0.00	28.42 0.43 0.00	29.54 0.47 0.00	31.66 0.67 0.00	33.12 0.66 0.00	42.05 0.72 0.00	32.24 0.38 0.00	38.54 0.43 0.00	34.94 0.54 0.00	31.32 0.89 0.00	29.26 0.83 0.00
S SALMON___HYD 24043	17.98 -0.57 0.00	17.45 -0.57 0.00	14.26 -0.47 0.00	14.08 -0.45 0.00	13.71 -0.43 0.00	14.62 -0.37 0.00	16.95 -0.39 0.00	18.60 -0.42 0.00	20.75 -0.33 0.00	20.46 -0.31 0.00	21.66 -0.36 0.00	21.49 -0.31 0.00	27.88 -0.59 0.00	28.96 -0.62 -0.33	27.58 -0.71 -0.30	28.68 -0.75 -0.37	31.31 -0.83 -1.14	34.84 -0.56 -2.94	45.69 -0.65 -5.01	34.11 -0.32 -2.57	41.75 -0.45 -4.09	36.85 -0.57 -3.03	30.78 -0.72 -1.07	28.34 -0.68 -0.59
S.PERRY___115KV_TB1 80734	19.01 0.47 0.00	18.44 0.42 0.00	14.89 0.16 0.00	14.72 0.18 0.00	14.26 0.12 0.00	15.17 0.17 0.00	17.72 0.38 0.00	19.47 0.45 0.00	21.77 0.69 0.00	21.51 0.74 0.00	22.66 0.64 0.00	22.54 0.74 0.00	29.30 0.84 0.00	29.80 0.54 0.00	27.68 -0.32 0.00	28.82 -0.25 0.00	30.94 -0.06 0.00	32.31 -0.15 0.00	40.93 -0.40 0.00	32.08 0.22 0.00	38.54 0.42 0.00	35.60 1.21 0.00	32.13 1.70 0.00	30.10 1.67 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.45 -0.09 0.00	17.93 -0.09 0.00	14.39 -0.33 0.00	14.26 -0.28 0.00	13.79 -0.35 0.00	14.58 -0.41 0.00	17.06 -0.27 0.00	18.82 -0.20 0.00	21.40 0.32 0.00	21.02 0.25 0.00	21.93 -0.09 0.00	21.85 0.06 0.00	28.66 0.19 0.00	29.56 0.30 0.00	27.37 -0.62 0.00	28.38 -0.68 0.00	30.46 -0.53 0.00	31.73 -0.73 0.00	40.08 -1.25 0.00	30.79 -1.07 0.00	36.95 -1.17 0.00	33.69 -0.71 0.00	30.62 0.19 0.00	28.78 0.35 0.00
SAWYER___23_KV_LOAD 55526	18.45 -0.09 0.00	17.93 -0.09 0.00	14.39 -0.33 0.00	14.26 -0.28 0.00	13.79 -0.35 0.00	14.58 -0.41 0.00	17.06 -0.27 0.00	18.82 -0.20 0.00	21.40 0.32 0.00	21.02 0.25 0.00	21.93 -0.09 0.00	21.85 0.06 0.00	28.66 0.19 0.00	29.56 0.30 0.00	27.37 -0.62 0.00	28.38 -0.68 0.00	30.46 -0.53 0.00	31.73 -0.73 0.00	40.08 -1.25 0.00	30.79 -1.07 0.00	36.95 -1.17 0.00	33.69 -0.71 0.00	30.62 0.19 0.00	28.78 0.35 0.00
SELKIRK___I 23801	19.05 0.51 0.00	18.55 0.52 0.00	15.22 0.49 0.00	15.02 0.48 0.00	14.63 0.49 0.00	15.89 0.90 0.00	18.67 1.33 0.00	20.43 1.41 0.00	22.48 1.40 0.00	21.51 0.74 0.00	22.66 0.46 -0.18	24.15 0.38 -1.97	28.96 0.49 0.00	29.78 0.52 0.00	28.57 0.59 0.00	29.59 0.52 0.00	31.61 0.62 0.00	33.20 0.74 0.00	42.52 1.18 0.00	32.74 0.88 0.00	39.18 1.07 0.00	35.34 0.95 0.00	31.27 0.84 0.00	29.15 0.72 0.00
SELKIRK___II 23799	18.96 0.42 0.00	18.46 0.43 0.00	15.13 0.41 0.00	14.94 0.40 0.00	14.55 0.41 0.00	15.41 0.42 0.00	17.75 0.42 0.00	19.44 0.42 0.00	21.44 0.36 0.00	21.08 0.30 0.00	22.54 0.32 -0.20	24.12 0.23 -2.09	28.73 0.27 0.00	29.54 0.28 0.00	28.37 0.38 0.00	29.43 0.37 0.00	31.36 0.37 0.00	32.91 0.45 0.00	42.12 0.79 0.00	32.44 0.59 0.00	38.82 0.70 0.00	35.01 0.60 0.00	31.01 0.58 0.00	28.97 0.54 0.00
SENECA OSWGO___HYD 24041	18.12 -0.42 0.00	17.59 -0.43 0.00	14.36 -0.36 0.00	14.19 -0.35 0.00	13.80 -0.34 0.00	14.65 -0.35 0.00	16.96 -0.38 0.00	18.61 -0.40 0.00	20.70 -0.38 0.00	20.41 -0.36 0.00	21.62 -0.40 0.00	21.42 -0.37 0.00	27.98 -0.49 0.00	29.26 -0.45 -0.45	27.92 -0.48 -0.41	29.07 -0.51 -0.51	32.07 -0.52 -1.59	36.09 -0.45 -4.08	47.72 -0.57 -6.95	34.99 -0.44 -3.56	43.21 -0.57 -5.67	38.05 -0.55 -4.20	31.41 -0.50 -1.48	28.79 -0.46 -0.82
SENECA___115KV_TB3 355854	18.63 0.09 0.00	18.09 0.07 0.00	14.52 -0.20 0.00	14.39 -0.15 0.00	13.92 -0.22 0.00	14.73 -0.26 0.00	17.23 -0.11 0.00	19.02 0.00 0.00	21.64 0.56 0.00	21.29 0.52 0.00	22.24 0.22 0.00	22.18 0.38 0.00	29.07 0.61 0.00	30.01 0.75 0.00	27.82 -0.16 0.00	28.87 -0.20 0.00	30.99 0.00 0.00	32.29 -0.17 0.00	40.73 -0.60 0.00	31.32 -0.54 0.00	37.53 -0.58 0.00	34.19 -0.21 0.00	30.99 0.56 0.00	29.13 0.70 0.00
SENECA___ENERGY 23797	18.47 -0.07 0.00	17.91 -0.11 0.00	14.56 -0.16 0.00	14.38 -0.15 0.00	13.97 -0.17 0.00	14.83 -0.16 0.00	17.23 -0.11 0.00	19.00 -0.02 0.00	21.22 0.14 0.00	20.97 0.20 0.00	22.16 0.14 0.00	22.02 0.22 0.00	28.77 0.31 0.00	29.91 0.47 -0.18	28.42 0.26 -0.17	29.48 0.20 -0.21	31.97 0.32 -0.66	34.55 0.39 -1.69	44.63 0.41 -2.89	33.68 0.34 -1.48	40.81 0.34 -2.36	36.42 0.27 -1.74	31.37 0.32 -0.61	29.14 0.36 -0.34
SHOEMAKER___GT 23640	19.36 0.82 0.00	18.78 0.76 0.00	15.36 0.64 0.00	15.17 0.63 0.00	14.77 0.63 0.00	15.65 0.66 0.00	18.05 0.72 0.00	19.80 0.78 0.00	21.87 0.80 0.00	21.63 0.86 0.00	22.39 1.05 0.68	15.53 1.03 7.30	29.79 1.33 0.00	30.67 1.41 0.00	29.47 1.47 0.00	30.59 1.52 0.00	32.56 1.57 0.00	34.15 1.69 0.00	43.55 2.22 0.00	33.53 1.67 0.00	39.93 1.81 0.00	36.06 1.67 0.00	31.89 1.46 0.00	29.68 1.25 0.00
SHOEMAKR_138KV_BK 111 55601	19.36 0.82 0.00	18.77 0.75 0.00	15.35 0.63 0.00	15.16 0.62 0.00	14.76 0.62 0.00	15.64 0.65 0.00	18.04 0.70 0.00	19.79 0.77 0.00	21.86 0.79 0.00	21.63 0.86 0.00	22.43 1.06 0.65	15.93 1.05 6.92	29.82 1.36 0.00	30.71 1.44 0.00	29.49 1.50 0.00	30.60 1.53 0.00	32.56 1.57 0.00	34.15 1.68 0.00	43.54 2.21 0.00	33.51 1.65 0.00	39.89 1.78 0.00	36.04 1.64 0.00	31.87 1.44 0.00	29.66 1.23 0.00
SHOREHAM_IC_1 23715	20.57 1.78 -0.25	19.59 1.57 0.00	16.08 1.36 0.00	15.83 1.30 0.00	15.39 1.25 0.00	16.12 1.12 0.00	18.79 1.46 0.00	20.66 1.64 0.00	22.76 1.68 0.00	22.76 1.99 0.00	25.08 2.19 -0.87	33.78 2.12 -9.85	31.97 2.76 -0.74	35.69 2.96 -3.47	36.67 2.90 -5.78	31.82 2.75 0.00	54.33 2.77 -20.57	35.50 3.03 0.00	74.48 3.98 -29.17	50.77 3.10 -15.82	41.19 3.08 0.00	37.22 2.82 0.00	32.96 2.53 0.00	30.68 2.25 0.00
SHOREHAM_IC_2 23716	20.57 1.78 -0.25	19.59 1.57 0.00	16.08 1.36 0.00	15.83 1.30 0.00	15.39 1.25 0.00	16.12 1.12 0.00	18.79 1.46 0.00	20.66 1.64 0.00	22.76 1.68 0.00	22.76 1.99 0.00	25.08 2.19 -0.87	33.78 2.12 -9.85	31.97 2.76 -0.74	35.69 2.96 -3.47	36.67 2.90 -5.78	31.82 2.75 0.00	54.33 2.77 -20.57	35.50 3.03 0.00	74.48 3.98 -29.17	50.77 3.10 -15.82	41.19 3.08 0.00	37.22 2.82 0.00	32.96 2.53 0.00	30.68 2.25 0.00

SISSONVILLE____ 23735	18.58 0.04 0.00	18.10 0.07 0.00	14.77 0.05 0.00	14.56 0.02 0.00	14.17 0.03 0.00	15.04 0.04 0.00	17.46 0.13 0.00	19.14 0.12 0.00	21.00 -0.08 0.00	20.47 -0.30 0.00	21.80 -0.22 0.00	21.43 -0.37 0.00	27.80 -0.66 0.00	28.51 -0.80 -0.05	27.23 -0.80 -0.04	28.21 -0.91 -0.05	30.14 -1.02 -0.17	31.79 -1.11 -0.44	40.64 -1.45 -0.75	31.22 -1.03 -0.39	37.66 -1.06 -0.61	34.00 -0.85 -0.45	29.75 -0.84 -0.16	27.70 -0.82 -0.09
SITHE_IND_GS1 24169	17.94 -0.60 0.00	17.43 -0.59 0.00	14.24 -0.48 0.00	14.06 -0.47 0.00	13.67 -0.47 0.00	14.50 -0.50 0.00	16.78 -0.56 0.00	18.42 -0.60 0.00	20.46 -0.62 0.00	20.17 -0.60 0.00	21.35 -0.67 0.00	21.17 -0.63 0.00	27.65 -0.82 0.00	27.19 -0.79 1.29	25.98 -0.83 1.19	26.72 -0.87 1.48	25.52 -0.90 4.58	19.84 -0.87 11.75	20.18 -1.13 20.03	20.70 -0.89 10.27	20.67 -1.10 16.34	21.28 -1.02 12.10	25.27 -0.89 4.27	25.22 -0.83 2.38
SITHE_IND_GS2 24170	17.94 -0.60 0.00	17.43 -0.59 0.00	14.24 -0.48 0.00	14.06 -0.47 0.00	13.67 -0.47 0.00	14.50 -0.50 0.00	16.78 -0.56 0.00	18.42 -0.60 0.00	20.46 -0.62 0.00	20.17 -0.60 0.00	21.35 -0.67 0.00	21.17 -0.63 0.00	27.65 -0.82 0.00	27.19 -0.79 1.29	25.98 -0.83 1.19	26.72 -0.87 1.48	25.52 -0.90 4.58	19.84 -0.87 11.75	20.18 -1.13 20.03	20.70 -0.89 10.27	20.67 -1.10 16.34	21.28 -1.02 12.10	25.27 -0.89 4.27	25.22 -0.83 2.38
SITHE_IND_GS3 24171	17.94 -0.60 0.00	17.43 -0.59 0.00	14.24 -0.48 0.00	14.06 -0.47 0.00	13.67 -0.47 0.00	14.50 -0.50 0.00	16.78 -0.56 0.00	18.42 -0.60 0.00	20.46 -0.62 0.00	20.17 -0.60 0.00	21.35 -0.67 0.00	21.17 -0.63 0.00	27.65 -0.82 0.00	27.19 -0.79 1.29	25.98 -0.83 1.19	26.72 -0.87 1.48	25.52 -0.90 4.58	19.84 -0.87 11.75	20.18 -1.13 20.03	20.70 -0.89 10.27	20.67 -1.10 16.34	21.28 -1.02 12.10	25.27 -0.89 4.27	25.22 -0.83 2.38
SITHE_IND_GS4 24172	17.94 -0.60 0.00	17.43 -0.59 0.00	14.24 -0.48 0.00	14.06 -0.47 0.00	13.67 -0.47 0.00	14.50 -0.50 0.00	16.78 -0.56 0.00	18.42 -0.60 0.00	20.46 -0.62 0.00	20.17 -0.60 0.00	21.35 -0.67 0.00	21.17 -0.63 0.00	27.65 -0.82 0.00	27.19 -0.79 1.29	25.98 -0.83 1.19	26.72 -0.87 1.48	25.52 -0.90 4.58	19.84 -0.87 11.75	20.18 -1.13 20.03	20.70 -0.89 10.27	20.67 -1.10 16.34	21.28 -1.02 12.10	25.27 -0.89 4.27	25.22 -0.83 2.38
SITHE____BATAVIA 24024	19.24 0.70 0.00	18.54 0.52 0.00	14.76 0.03 0.00	14.60 0.07 0.00	14.13 -0.01 0.00	14.98 -0.02 0.00	17.52 0.18 0.00	19.30 0.28 0.00	21.87 0.79 0.00	21.47 0.69 0.00	22.42 0.40 0.00	22.39 0.59 0.00	29.38 0.92 0.00	30.40 1.14 0.00	28.28 0.29 0.00	29.28 0.21 0.00	31.42 0.42 0.00	32.84 0.38 0.00	41.77 0.43 0.00	32.07 0.21 0.00	38.43 0.32 0.00	34.95 0.55 0.00	31.57 1.14 0.00	29.56 1.13 0.00
SITHE____INDEPEND 23800	17.94 -0.60 0.00	17.43 -0.59 0.00	14.24 -0.48 0.00	14.06 -0.47 0.00	13.67 -0.47 0.00	14.50 -0.50 0.00	16.78 -0.56 0.00	18.42 -0.60 0.00	20.46 -0.62 0.00	20.18 -0.60 0.00	21.35 -0.67 0.00	21.17 -0.63 0.00	27.65 -0.82 0.00	27.18 -0.79 1.29	25.98 -0.83 1.19	26.72 -0.87 1.48	25.52 -0.90 4.58	19.84 -0.87 11.75	20.18 -1.13 20.03	20.70 -0.89 10.27	20.67 -1.11 16.34	21.28 -1.02 12.10	25.27 -0.89 4.27	25.22 -0.83 2.38
SITHE____MASSENA 23902	18.72 0.18 0.00	18.24 0.22 0.00	14.88 0.15 0.00	14.67 0.13 0.00	14.26 0.12 0.00	15.11 0.12 0.00	17.53 0.19 0.00	19.21 0.19 0.00	21.17 0.09 0.00	20.72 -0.06 0.00	21.95 -0.07 0.00	21.68 -0.12 0.00	28.29 -0.17 0.00	29.01 -0.25 0.00	27.75 -0.24 0.00	28.79 -0.28 0.00	30.68 -0.31 0.00	32.02 -0.44 0.00	40.72 -0.62 0.00	31.41 -0.45 0.00	37.75 -0.37 0.00	34.18 -0.22 0.00	30.25 -0.18 0.00	28.30 -0.13 0.00
SITHE____OGDNSBRG 24021	18.95 0.41 0.00	18.46 0.43 0.00	15.05 0.33 0.00	14.84 0.30 0.00	14.43 0.30 0.00	15.32 0.32 0.00	17.81 0.47 0.00	19.52 0.50 0.00	21.47 0.39 0.00	20.93 0.16 0.00	22.18 0.16 0.00	21.87 0.07 0.00	28.52 0.06 0.00	29.31 0.01 -0.04	28.03 0.01 -0.03	29.01 -0.09 -0.04	30.99 -0.13 -0.13	32.55 -0.24 -0.34	41.58 -0.33 -0.58	32.02 -0.13 -0.30	38.63 0.05 -0.47	34.90 0.16 -0.35	30.62 0.07 -0.12	28.55 0.05 -0.07
SITHE____STERLING 23777	18.78 0.24 0.00	18.21 0.18 0.00	14.86 0.14 0.00	14.68 0.15 0.00	14.29 0.15 0.00	15.19 0.20 0.00	17.60 0.26 0.00	19.33 0.31 0.00	21.50 0.42 0.00	21.19 0.41 0.00	22.51 0.49 0.00	22.37 0.57 0.00	29.20 0.74 0.00	30.21 0.87 -0.08	28.84 0.79 -0.06	29.93 0.78 -0.08	32.15 0.90 -0.25	34.18 1.07 -0.65	43.86 1.42 -1.11	33.61 1.18 -0.57	40.38 1.36 -0.90	36.20 1.14 -0.67	31.51 0.84 -0.24	29.24 0.68 -0.13
SLEIGHT__34_KV_TB1 80719	18.81 0.27 0.00	18.23 0.20 0.00	14.81 0.09 0.00	14.61 0.07 0.00	14.19 0.06 0.00	15.08 0.09 0.00	17.56 0.22 0.00	19.39 0.37 0.00	21.62 0.54 0.00	21.40 0.63 0.00	22.70 0.68 0.00	22.54 0.74 0.00	29.57 1.10 0.00	30.71 1.30 -0.15	29.22 1.10 -0.14	30.19 0.95 -0.17	32.68 1.16 -0.53	35.16 1.33 -1.37	45.26 1.59 -2.33	34.28 1.23 -1.19	41.36 1.34 -1.90	36.89 1.08 -1.41	31.94 1.02 -0.50	29.61 0.90 -0.28
SOUTH CAIRO____GT 23612	19.53 0.99 0.00	19.00 0.97 0.00	15.58 0.85 0.00	15.38 0.84 0.00	14.98 0.84 0.00	15.98 0.98 0.00	18.52 1.19 0.00	20.29 1.27 0.00	22.31 1.23 0.00	21.68 0.91 0.00	23.05 0.88 -0.15	24.16 0.76 -1.61	29.50 1.04 0.00	30.41 1.15 0.00	29.16 1.17 0.00	30.36 1.29 0.00	32.56 1.57 0.00	34.36 1.90 0.00	44.20 2.87 0.00	34.10 2.24 0.00	40.92 2.81 0.00	36.83 2.43 0.00	32.46 2.03 0.00	30.15 1.72 0.00
SOUTH HAMPTN____IC 23720	20.95 2.16 -0.25	19.95 1.93 0.00	16.35 1.63 0.00	16.09 1.55 0.00	15.64 1.50 0.00	16.38 1.39 0.00	19.10 1.77 0.00	21.02 2.00 0.00	23.23 2.15 0.00	23.28 2.51 0.00	25.68 2.79 -0.87	34.37 2.72 -9.85	32.79 3.59 -0.74	36.59 3.86 -3.47	37.48 3.77 -5.73	32.74 3.67 0.00	54.47 3.73 -19.75	36.48 4.01 0.00	75.69 5.19 -29.17	51.67 3.99 -15.82	42.24 4.12 0.00	38.07 3.67 0.00	33.72 3.29 0.00	31.42 2.99 0.00
SOUTHDOW__115KV_TB1 355954	19.10 0.56 0.00	18.45 0.43 0.00	14.85 0.12 0.00	14.75 0.21 0.00	14.31 0.17 0.00	15.08 0.09 0.00	17.64 0.31 0.00	19.60 0.58 0.00	22.32 1.24 0.00	21.93 1.16 0.00	22.92 0.90 0.00	22.77 0.97 0.00	29.80 1.33 0.00	30.71 1.45 0.00	28.54 0.55 0.00	29.71 0.64 0.00	31.85 0.86 0.00	33.31 0.85 0.00	42.03 0.69 0.00	32.36 0.50 0.00	38.64 0.53 0.00	35.19 0.79 0.00	31.61 1.18 0.00	29.52 1.09 0.00
SOUTHOLD_69_KV_BK 2 55809	21.40 2.61 -0.25	20.36 2.34 0.00	16.67 1.95 0.00	16.40 1.87 0.00	15.94 1.80 0.00	16.71 1.71 0.00	19.51 2.17 0.00	21.49 2.47 0.00	23.79 2.71 0.00	23.88 3.10 0.00	26.32 3.43 -0.87	34.99 3.34 -9.85	33.62 4.41 -0.74	37.52 4.79 -3.47	38.38 4.67 -5.73	33.74 4.67 0.00	55.19 4.44 -19.76	36.98 4.52 0.00	76.30 5.80 -29.17	52.13 4.46 -15.82	42.76 4.65 0.00	38.47 4.08 0.00	34.23 3.80 0.00	32.28 3.85 0.00

SOUTHOLD___IC 23719	21.39 2.60 -0.25	20.36 2.33 0.00	16.67 1.95 0.00	16.40 1.87 0.00	15.94 1.80 0.00	16.71 1.71 0.00	19.51 2.17 0.00	21.49 2.47 0.00	23.79 2.70 0.00	23.87 3.10 0.00	26.34 3.45 -0.87	34.99 3.34 -9.85	33.62 4.41 -0.74	37.51 4.78 -3.47	38.38 4.67 -5.73	33.73 4.66 0.00	55.19 4.44 -19.76	36.98 4.51 0.00	76.30 5.80 -29.17	52.13 4.46 -15.82	42.75 4.64 0.00	38.47 4.07 0.00	34.23 3.79 0.00	32.28 3.85 0.00
SPIERFLS_115KV_TB 1 80737	19.36 0.82 0.00	18.79 0.76 0.00	15.39 0.67 0.00	15.18 0.65 0.00	14.78 0.64 0.00	15.66 0.66 0.00	18.11 0.77 0.00	19.83 0.81 0.00	21.78 0.70 0.00	21.47 0.69 0.00	23.03 0.82 -0.19	24.54 0.69 -2.05	29.54 1.08 0.00	30.43 1.18 0.00	29.37 1.38 0.00	30.58 1.52 0.00	32.72 1.72 0.00	34.47 2.01 0.00	44.30 2.97 0.00	33.85 1.99 0.00	40.41 2.29 0.00	36.50 2.10 0.00	32.11 1.68 0.00	29.75 1.32 0.00
ST LAWRENCE___ 23600	18.47 -0.08 0.00	17.99 -0.03 0.00	14.68 -0.05 0.00	14.47 -0.07 0.00	14.07 -0.07 0.00	14.90 -0.09 0.00	17.27 -0.07 0.00	18.93 -0.08 0.00	20.94 -0.14 0.00	20.52 -0.25 0.00	21.71 -0.30 0.00	21.46 -0.34 0.00	28.03 -0.44 0.00	28.73 -0.53 0.00	27.50 -0.48 0.00	28.58 -0.49 0.00	30.46 -0.54 0.00	31.78 -0.69 0.00	40.40 -0.94 0.00	31.15 -0.71 0.00	37.44 -0.67 0.00	33.91 -0.49 0.00	30.03 -0.40 0.00	28.10 -0.33 0.00
STATE_CA_115KV_115_LB 55624	18.97 0.43 0.00	18.47 0.44 0.00	15.15 0.43 0.00	14.96 0.42 0.00	14.56 0.43 0.00	15.43 0.44 0.00	17.77 0.43 0.00	19.45 0.43 0.00	21.45 0.37 0.00	21.13 0.36 0.00	22.70 0.48 -0.20	24.36 0.43 -2.13	29.04 0.58 0.00	29.87 0.61 0.00	28.72 0.73 0.00	29.78 0.71 0.00	31.76 0.77 0.00	33.35 0.89 0.00	42.72 1.38 0.00	32.83 0.98 0.00	39.26 1.15 0.00	35.37 0.97 0.00	31.27 0.83 0.00	29.07 0.64 0.00
STATE_ST_34_KV_LOAD 55959	18.78 0.24 0.00	18.23 0.21 0.00	14.85 0.12 0.00	14.64 0.10 0.00	14.23 0.09 0.00	15.11 0.11 0.00	17.52 0.18 0.00	19.34 0.32 0.00	21.49 0.41 0.00	21.24 0.47 0.00	22.40 0.38 0.00	22.11 0.31 0.00	28.97 0.50 0.00	30.15 0.67 -0.22	28.78 0.59 -0.20	29.97 0.64 -0.26	32.62 0.84 -0.79	35.53 1.05 -2.03	46.01 1.22 -3.46	34.61 0.97 -1.77	42.03 1.10 -2.82	37.30 0.81 -2.09	31.92 0.75 -0.74	29.58 0.73 -0.41
STATION 5_MISC_HYD 23604	18.59 0.05 0.00	18.07 0.04 0.00	14.61 -0.12 0.00	14.44 -0.10 0.00	13.99 -0.14 0.00	14.83 -0.16 0.00	17.30 -0.04 0.00	19.05 0.04 0.00	21.47 0.39 0.00	21.15 0.38 0.00	22.23 0.21 0.00	22.15 0.35 0.00	29.07 0.61 0.00	30.04 0.78 0.00	28.19 0.20 0.00	29.28 0.22 0.00	31.38 0.39 0.00	32.82 0.36 0.00	41.65 0.32 0.00	31.95 0.10 0.00	38.22 0.10 0.00	34.66 0.26 0.00	31.08 0.65 0.00	29.05 0.62 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.60 0.06 0.00	18.04 0.02 0.00	14.62 -0.10 0.00	14.45 -0.08 0.00	14.03 -0.11 0.00	14.88 -0.11 0.00	17.34 0.01 0.00	19.12 0.10 0.00	21.47 0.39 0.00	21.18 0.41 0.00	22.35 0.33 0.00	22.25 0.45 0.00	29.17 0.70 0.00	30.17 0.86 -0.05	28.52 0.48 -0.04	29.59 0.47 -0.05	31.79 0.64 -0.17	33.55 0.67 -0.42	42.82 0.75 -0.73	32.71 0.48 -0.37	39.21 0.51 -0.59	35.36 0.52 -0.44	31.26 0.68 -0.16	29.15 0.63 -0.09
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.47 -0.07 0.00	17.94 -0.08 0.00	14.52 -0.21 0.00	14.34 -0.19 0.00	13.91 -0.23 0.00	14.75 -0.25 0.00	17.19 -0.14 0.00	18.94 -0.08 0.00	21.33 0.25 0.00	21.02 0.25 0.00	22.12 0.11 0.00	22.05 0.25 0.00	28.94 0.47 0.00	29.88 0.62 0.00	28.10 0.11 0.00	29.20 0.13 0.00	31.28 0.29 0.00	32.72 0.26 0.00	41.52 0.19 0.00	31.84 -0.02 0.00	38.06 -0.05 0.00	34.49 0.09 0.00	30.88 0.45 0.00	28.85 0.42 0.00
STA_56___34_KV_BUS2 355983	18.47 -0.07 0.00	17.94 -0.08 0.00	14.52 -0.21 0.00	14.34 -0.19 0.00	13.91 -0.23 0.00	14.75 -0.25 0.00	17.19 -0.14 0.00	18.94 -0.08 0.00	21.33 0.25 0.00	21.02 0.25 0.00	22.12 0.11 0.00	22.05 0.25 0.00	28.94 0.47 0.00	29.88 0.62 0.00	28.10 0.11 0.00	29.20 0.13 0.00	31.28 0.29 0.00	32.72 0.26 0.00	41.52 0.19 0.00	31.84 -0.02 0.00	38.06 -0.05 0.00	34.49 0.09 0.00	30.88 0.45 0.00	28.85 0.42 0.00
STA_67___115KV_BK2 355882	18.55 0.01 0.00	18.02 0.00 0.00	14.58 -0.15 0.00	14.40 -0.13 0.00	13.96 -0.17 0.00	14.80 -0.19 0.00	17.25 -0.08 0.00	19.00 -0.02 0.00	21.41 0.33 0.00	21.09 0.31 0.00	22.16 0.14 0.00	22.07 0.27 0.00	28.97 0.50 0.00	29.91 0.65 0.00	28.08 0.09 0.00	29.16 0.10 0.00	31.26 0.27 0.00	32.68 0.21 0.00	41.48 0.14 0.00	31.83 -0.03 0.00	38.06 -0.05 0.00	34.52 0.13 0.00	30.98 0.54 0.00	28.96 0.53 0.00
STA_7___115KV_9TRANS 80674	18.70 0.16 0.00	18.16 0.14 0.00	14.68 -0.04 0.00	14.51 -0.03 0.00	14.06 -0.07 0.00	14.91 -0.08 0.00	17.39 0.05 0.00	19.15 0.13 0.00	21.58 0.50 0.00	21.28 0.51 0.00	22.37 0.35 0.00	22.31 0.51 0.00	29.29 0.82 0.00	30.26 1.00 0.00	28.42 0.43 0.00	29.54 0.47 0.00	31.66 0.67 0.00	33.12 0.66 0.00	42.05 0.72 0.00	32.24 0.38 0.00	38.54 0.43 0.00	34.94 0.54 0.00	31.32 0.89 0.00	29.26 0.83 0.00
STA_82___115KV_TB1 80780	18.56 0.02 0.00	18.03 0.01 0.00	14.58 -0.14 0.00	14.41 -0.12 0.00	13.97 -0.17 0.00	14.81 -0.18 0.00	17.27 -0.07 0.00	19.02 0.00 0.00	21.42 0.34 0.00	21.11 0.33 0.00	22.18 0.16 0.00	22.09 0.29 0.00	28.99 0.52 0.00	29.92 0.66 0.00	28.09 0.10 0.00	29.18 0.11 0.00	31.27 0.28 0.00	32.70 0.24 0.00	41.49 0.16 0.00	31.85 -0.01 0.00	38.10 -0.02 0.00	34.55 0.15 0.00	31.00 0.57 0.00	28.98 0.55 0.00
STEEL___WIND 323596	18.62 0.07 0.00	18.07 0.05 0.00	14.51 -0.21 0.00	14.37 -0.16 0.00	13.91 -0.23 0.00	14.72 -0.28 0.00	17.21 -0.13 0.00	19.00 -0.02 0.00	21.61 0.53 0.00	21.25 0.48 0.00	22.19 0.16 0.00	22.13 0.33 0.00	29.00 0.54 0.00	29.96 0.70 0.00	27.75 -0.24 0.00	28.78 -0.28 0.00	30.91 -0.08 0.00	32.19 -0.27 0.00	40.66 -0.68 0.00	31.27 -0.59 0.00	37.46 -0.65 0.00	34.12 -0.28 0.00	30.95 0.51 0.00	29.11 0.68 0.00
STEPHTWN_115KV_BK_2 55603	19.02 0.48 0.00	18.56 0.54 0.00	15.18 0.46 0.00	14.98 0.44 0.00	14.61 0.47 0.00	15.48 0.48 0.00	17.85 0.52 0.00	19.51 0.49 0.00	21.61 0.53 0.00	21.24 0.47 0.00	22.77 0.55 -0.20	24.50 0.55 -2.15	29.18 0.71 0.00	30.10 0.83 0.00	28.84 0.84 0.00	29.95 0.88 0.00	31.96 0.97 0.00	33.60 1.14 0.00	43.02 1.68 0.00	33.03 1.17 0.00	39.47 1.36 0.00	35.48 1.08 0.00	31.37 0.94 0.00	29.15 0.72 0.00
STEUBEN_REC_LFGE 323667	18.47 -0.07 0.00	17.93 -0.09 0.00	14.49 -0.23 0.00	14.31 -0.23 0.00	13.84 -0.30 0.00	14.77 -0.22 0.00	17.29 -0.05 0.00	19.07 0.06 0.00	21.55 0.47 0.00	21.48 0.71 0.00	22.65 0.63 0.00	22.57 0.77 0.00	29.43 0.97 0.00	30.40 1.07 -0.07	28.32 0.27 -0.06	29.31 0.17 -0.07	31.43 0.21 -0.23	33.16 0.09 -0.61	42.24 -0.18 -1.09	32.67 0.26 -0.56	39.29 0.28 -0.89	35.45 0.39 -0.66	31.50 0.83 -0.23	29.58 1.02 -0.13

STONY___BROOK 24151	20.65 1.86 -0.25	19.67 1.65 0.00	16.11 1.38 0.00	15.81 1.28 0.00	15.34 1.20 0.00	16.09 1.10 0.00	18.64 1.30 0.00	20.47 1.45 0.00	22.62 1.53 0.00	22.66 1.89 0.00	25.14 2.25 -0.87	33.91 2.26 -9.85	32.20 2.99 -0.74	35.94 3.22 -3.47	37.26 3.15 -6.12	31.94 2.87 0.00	59.13 2.92 -25.22	35.60 3.13 -0.01	74.62 4.12 -29.17	50.96 3.28 -15.82	41.42 3.30 0.00	37.39 2.99 0.00	33.18 2.75 0.00	30.85 2.42 0.00
STURGEON_POOL_HYD 23609	19.55 1.01 0.00	18.95 0.93 0.00	15.50 0.77 0.00	15.28 0.75 0.00	14.89 0.75 0.00	15.77 0.77 0.00	18.17 0.84 0.00	19.95 0.93 0.00	22.05 0.97 0.00	21.89 1.12 0.00	23.45 1.43 0.00	23.26 1.46 0.00	30.35 1.88 0.00	31.28 2.02 0.00	30.07 2.08 0.00	31.12 2.05 0.00	33.04 2.05 0.00	34.62 2.15 0.00	44.12 2.78 0.00	33.92 2.06 0.00	40.25 2.13 0.00	36.35 1.95 0.00	32.13 1.70 0.00	29.85 1.42 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.45 0.91 0.00	18.85 0.82 0.00	15.41 0.69 0.00	15.20 0.67 0.00	14.81 0.67 0.00	15.70 0.70 0.00	18.09 0.76 0.00	19.86 0.84 0.00	21.95 0.87 0.00	21.75 0.98 0.00	22.47 1.25 0.80	14.49 1.26 8.57	30.09 1.62 0.00	30.98 1.73 0.00	29.76 1.77 0.00	30.83 1.76 0.00	32.78 1.79 0.00	34.36 1.90 0.00	43.80 2.46 0.00	33.68 1.82 0.00	40.03 1.92 0.00	36.17 1.77 0.00	32.00 1.56 0.00	29.76 1.33 0.00
SWANROAD_115KV_TB1 355699	18.15 -0.38 0.00	17.65 -0.38 0.00	14.15 -0.58 0.00	14.02 -0.52 0.00	13.53 -0.61 0.00	14.32 -0.67 0.00	16.76 -0.58 0.00	18.44 -0.58 0.00	20.97 -0.11 0.00	20.56 -0.21 0.00	21.37 -0.65 0.00	21.32 -0.48 0.00	27.93 -0.53 0.00	28.81 -0.45 0.00	26.65 -1.34 0.00	27.61 -1.46 0.00	29.62 -1.37 0.00	30.85 -1.61 0.00	38.98 -2.36 0.00	29.96 -1.90 0.00	35.98 -2.13 0.00	32.88 -1.53 0.00	29.98 -0.45 0.00	28.22 -0.21 0.00
SYNERGY___BIOGAS 323694	19.24 0.70 0.00	18.54 0.52 0.00	14.76 0.03 0.00	14.60 0.07 0.00	14.13 -0.01 0.00	14.98 -0.02 0.00	17.52 0.18 0.00	19.30 0.28 0.00	21.87 0.79 0.00	21.47 0.69 0.00	22.42 0.40 0.00	22.39 0.59 0.00	29.38 0.92 0.00	30.40 1.14 0.00	28.28 0.29 0.00	29.28 0.21 0.00	31.42 0.42 0.00	32.84 0.38 0.00	41.77 0.43 0.00	32.07 0.21 0.00	38.43 0.32 0.00	34.95 0.55 0.00	31.57 1.14 0.00	29.56 1.13 0.00
SYRACUSE___ENERGY_ST1 323597	18.39 -0.15 0.00	17.85 -0.18 0.00	14.56 -0.16 0.00	14.38 -0.16 0.00	13.98 -0.16 0.00	14.84 -0.15 0.00	17.19 -0.14 0.00	18.90 -0.12 0.00	21.02 -0.06 0.00	20.74 -0.03 0.00	22.00 -0.02 0.00	21.83 0.03 0.00	28.54 0.07 0.00	29.67 0.16 -0.25	28.31 0.09 -0.23	29.39 0.04 -0.29	31.99 0.11 -0.88	34.94 0.21 -2.27	45.43 0.22 -3.87	34.00 0.16 -1.99	41.38 0.10 -3.16	36.77 0.03 -2.34	31.28 0.02 -0.83	28.89 0.00 -0.46
SYRACUSE___ENERGY_ST2 323598	18.39 -0.15 0.00	17.85 -0.18 0.00	14.56 -0.16 0.00	14.38 -0.16 0.00	13.98 -0.16 0.00	14.84 -0.15 0.00	17.19 -0.14 0.00	18.90 -0.12 0.00	21.02 -0.06 0.00	20.74 -0.03 0.00	22.00 -0.02 0.00	21.83 0.03 0.00	28.54 0.07 0.00	29.67 0.16 -0.25	28.31 0.09 -0.23	29.39 0.04 -0.29	31.99 0.11 -0.88	34.94 0.21 -2.27	45.43 0.22 -3.87	34.00 0.16 -1.99	41.38 0.10 -3.16	36.77 0.03 -2.34	31.28 0.02 -0.83	28.89 0.00 -0.46
SYRACUSE___POWER 24017	18.40 -0.14 0.00	17.86 -0.16 0.00	14.57 -0.15 0.00	14.39 -0.14 0.00	13.99 -0.14 0.00	14.85 -0.14 0.00	17.21 -0.13 0.00	18.91 -0.11 0.00	21.03 -0.05 0.00	20.74 -0.03 0.00	21.97 -0.05 0.00	21.82 0.02 0.00	28.52 0.06 0.00	29.58 0.15 -0.16	28.20 0.07 -0.15	29.31 0.06 -0.19	31.69 0.11 -0.58	34.15 0.20 -1.49	44.09 0.22 -2.54	33.32 0.16 -1.30	40.29 0.11 -2.07	36.00 0.07 -1.53	31.00 0.03 -0.54	28.75 0.02 -0.30
TALLMAN___138KV_BK151 55660	19.61 1.06 0.00	18.97 0.95 0.00	15.50 0.78 0.00	15.31 0.77 0.00	14.91 0.78 0.00	15.80 0.81 0.00	18.21 0.88 0.00	20.00 0.98 0.00	22.10 1.02 0.00	21.94 1.16 0.00	22.37 1.46 1.11	11.48 1.46 11.78	30.34 1.87 0.00	31.23 1.97 0.00	29.99 2.00 0.00	31.09 2.02 0.00	33.04 2.04 0.00	34.60 2.14 0.00	44.07 2.74 0.00	33.88 2.02 0.00	40.22 2.11 0.00	36.39 1.99 0.00	32.22 1.79 0.00	29.95 1.52 0.00
TEALLAVE_115KV_TB7 355573	18.31 -0.23 0.00	17.77 -0.25 0.00	14.50 -0.22 0.00	14.32 -0.21 0.00	13.92 -0.21 0.00	14.78 -0.21 0.00	17.12 -0.22 0.00	18.81 -0.21 0.00	20.92 -0.15 0.00	20.63 -0.14 0.00	21.86 -0.16 0.00	21.70 -0.09 0.00	28.37 -0.10 0.00	29.38 -0.01 -0.13	28.00 -0.11 -0.12	29.11 -0.11 -0.15	31.40 -0.07 -0.47	33.67 -0.01 -1.22	43.37 -0.04 -2.07	32.86 -0.06 -1.06	39.65 -0.16 -1.69	35.49 -0.17 -1.25	30.71 -0.16 -0.44	28.52 -0.16 -0.24
TELGRAPH_34_KV_EAST 80808	18.64 0.10 0.00	18.08 0.06 0.00	14.48 -0.24 0.00	14.34 -0.19 0.00	13.86 -0.28 0.00	14.68 -0.31 0.00	17.16 -0.17 0.00	18.91 -0.11 0.00	21.47 0.39 0.00	21.06 0.29 0.00	21.98 -0.04 0.00	21.93 0.13 0.00	28.76 0.30 0.00	29.69 0.43 0.00	27.53 -0.46 0.00	28.48 -0.58 0.00	30.57 -0.42 0.00	31.90 -0.56 0.00	40.37 -0.96 0.00	31.00 -0.86 0.00	37.19 -0.93 0.00	33.90 -0.49 0.00	30.79 0.36 0.00	28.90 0.47 0.00
TEMPLE___115KV_TB 2 55572	18.33 -0.21 0.00	17.79 -0.23 0.00	14.51 -0.21 0.00	14.33 -0.20 0.00	13.94 -0.20 0.00	14.79 -0.20 0.00	17.14 -0.20 0.00	18.83 -0.19 0.00	20.94 -0.14 0.00	20.65 -0.12 0.00	21.88 -0.14 0.00	21.73 -0.07 0.00	28.40 -0.07 0.00	29.41 0.02 -0.13	28.03 -0.08 -0.12	29.14 -0.08 -0.15	31.43 -0.04 -0.47	33.70 0.02 -1.22	43.39 -0.01 -2.07	32.89 -0.03 -1.06	39.68 -0.13 -1.69	35.51 -0.14 -1.25	30.74 -0.13 -0.44	28.54 -0.13 -0.24
TIANA___69_KV_BK 1 55817	20.86 2.07 -0.25	19.86 1.84 0.00	16.28 1.56 0.00	16.02 1.49 0.00	15.57 1.43 0.00	16.31 1.32 0.00	19.01 1.67 0.00	20.91 1.90 0.00	23.09 2.01 0.00	23.13 2.36 0.00	25.51 2.62 -0.87	34.22 2.58 -9.85	32.59 3.39 -0.74	36.38 3.65 -3.47	37.28 3.56 -5.73	32.52 3.45 0.00	54.26 3.51 -19.75	36.26 3.80 0.00	75.43 4.93 -29.17	51.48 3.81 -15.82	42.01 3.90 0.00	37.89 3.49 0.00	33.56 3.13 0.00	31.25 2.82 0.00
TILDEN___115KV_TB1 80814	18.40 -0.14 0.00	17.86 -0.16 0.00	14.57 -0.15 0.00	14.39 -0.14 0.00	13.99 -0.14 0.00	14.85 -0.14 0.00	17.21 -0.13 0.00	18.91 -0.11 0.00	21.03 -0.05 0.00	20.74 -0.03 0.00	21.97 -0.05 0.00	21.82 0.02 0.00	28.52 0.06 0.00	29.58 0.15 -0.16	28.20 0.07 -0.15	29.31 0.06 -0.19	31.69 0.11 -0.58	34.15 0.20 -1.49	44.09 0.22 -2.54	33.32 0.16 -1.30	40.29 0.11 -2.07	36.00 0.07 -1.53	31.00 0.03 -0.54	28.75 0.02 -0.30
TRIGEN___CC 323695	20.28 1.49 -0.25	19.36 1.34 0.00	15.84 1.12 0.00	15.57 1.03 0.00	15.14 1.00 0.00	15.95 0.96 0.00	18.41 1.08 0.00	20.24 1.22 0.00	22.33 1.25 0.00	22.27 1.50 0.00	24.77 1.88 -0.87	33.57 1.92 -9.85	31.67 2.46 -0.74	35.28 2.56 -3.47	34.86 2.55 -4.32	31.51 2.44 0.00	33.44 2.45 0.00	35.13 2.67 0.00	73.98 3.48 -29.17	50.30 2.62 -15.82	40.87 2.76 0.00	37.00 2.60 0.00	32.76 2.33 0.00	30.43 2.00 0.00

TRINITY__115KV__4 BK 55933	18.89 0.35 0.00	18.40 0.38 0.00	15.10 0.38 0.00	14.91 0.37 0.00	14.52 0.38 0.00	15.38 0.39 0.00	17.70 0.36 0.00	19.37 0.35 0.00	21.36 0.27 0.00	21.02 0.25 0.00	22.56 0.34 -0.20	24.23 0.28 -2.15	28.84 0.37 0.00	29.65 0.40 0.00	28.50 0.51 0.00	29.55 0.49 0.00	31.53 0.54 0.00	33.11 0.64 0.00	42.43 1.10 0.00	32.61 0.76 0.00	39.02 0.90 0.00	35.16 0.77 0.00	31.09 0.66 0.00	28.91 0.48 0.00
UNION__PROCESSING_DRP 323587	18.56 0.02 0.00	18.04 0.02 0.00	14.59 -0.13 0.00	14.42 -0.12 0.00	13.98 -0.16 0.00	14.82 -0.18 0.00	17.27 -0.06 0.00	19.03 0.01 0.00	21.43 0.35 0.00	21.11 0.34 0.00	22.19 0.17 0.00	22.10 0.30 0.00	29.00 0.53 0.00	29.94 0.68 0.00	28.10 0.11 0.00	29.20 0.14 0.00	31.29 0.30 0.00	32.73 0.26 0.00	41.53 0.19 0.00	31.86 0.01 0.00	38.12 0.00 0.00	34.57 0.17 0.00	31.02 0.59 0.00	29.00 0.57 0.00
UPPER HUDSON__HYD 24058	19.36 0.82 0.00	18.79 0.76 0.00	15.39 0.67 0.00	15.18 0.65 0.00	14.77 0.64 0.00	15.66 0.66 0.00	18.11 0.77 0.00	19.82 0.81 0.00	21.78 0.70 0.00	21.46 0.69 0.00	23.04 0.82 -0.19	24.54 0.69 -2.05	29.54 1.08 0.00	30.43 1.17 0.00	29.37 1.38 0.00	30.58 1.52 0.00	32.71 1.72 0.00	34.47 2.01 0.00	44.30 2.97 0.00	33.85 1.99 0.00	40.41 2.29 0.00	36.50 2.10 0.00	32.11 1.68 0.00	29.75 1.32 0.00
UPPER RAQUET__HYD 24056	18.58 0.04 0.00	18.10 0.07 0.00	14.77 0.05 0.00	14.56 0.02 0.00	14.17 0.03 0.00	15.04 0.04 0.00	17.46 0.13 0.00	19.14 0.12 0.00	21.00 -0.08 0.00	20.47 -0.30 0.00	21.80 -0.22 0.00	21.43 -0.37 0.00	27.80 -0.66 0.00	28.51 -0.80 -0.05	27.23 -0.80 -0.04	28.21 -0.91 -0.05	30.14 -1.02 -0.17	31.78 -1.12 -0.44	40.64 -1.45 -0.75	31.22 -1.03 -0.39	37.66 -1.06 -0.61	34.00 -0.85 -0.45	29.75 -0.84 -0.16	27.70 -0.82 -0.09
VALLEY44_115KV_TB2 355964	18.61 0.06 0.00	18.02 0.00 0.00	14.56 -0.16 0.00	14.47 -0.07 0.00	14.04 -0.09 0.00	14.87 -0.12 0.00	17.32 -0.02 0.00	19.13 0.11 0.00	21.64 0.56 0.00	21.41 0.64 0.00	22.39 0.37 0.00	22.26 0.46 0.00	29.15 0.69 0.00	30.11 0.84 0.00	28.11 0.12 0.00	29.22 0.15 0.00	31.21 0.22 0.00	32.58 0.12 0.00	41.12 -0.22 0.00	31.61 -0.25 0.00	37.78 -0.33 0.00	34.34 -0.06 0.00	30.80 0.37 0.00	29.14 0.71 0.00
VALLEY__115KV_TB 1-4 80826	18.31 -0.23 0.00	17.74 -0.28 0.00	14.53 -0.19 0.00	14.35 -0.19 0.00	13.97 -0.17 0.00	14.80 -0.19 0.00	17.11 -0.23 0.00	18.76 -0.26 0.00	20.72 -0.37 0.00	20.43 -0.34 0.00	21.83 -0.19 0.00	21.63 -0.17 0.00	28.30 -0.16 0.00	29.14 -0.11 0.00	27.99 0.00 0.00	28.93 -0.14 0.00	30.89 -0.10 0.00	32.53 0.07 0.00	41.66 0.33 0.00	32.10 0.24 0.00	38.38 0.27 0.00	34.51 0.11 0.00	30.32 -0.11 0.00	28.25 -0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.24 0.70 0.00	18.66 0.64 0.00	15.23 0.50 0.00	15.03 0.50 0.00	14.63 0.50 0.00	15.53 0.53 0.00	17.98 0.64 0.00	19.74 0.72 0.00	21.92 0.84 0.00	21.66 0.89 0.00	22.96 0.94 0.00	22.74 0.94 0.00	29.72 1.25 0.00	30.65 1.35 -0.05	29.32 1.29 -0.04	30.54 1.42 -0.05	32.64 1.49 -0.16	34.45 1.57 -0.42	44.07 2.02 -0.72	33.80 1.57 -0.37	40.46 1.76 -0.58	36.40 1.57 -0.43	31.92 1.34 -0.15	29.72 1.20 -0.09
VISCHER__FERRY HYD 24020	19.23 0.69 0.00	18.73 0.70 0.00	15.38 0.66 0.00	15.19 0.66 0.00	14.79 0.65 0.00	15.66 0.67 0.00	18.02 0.69 0.00	19.71 0.69 0.00	21.70 0.62 0.00	21.37 0.60 0.00	22.97 0.75 -0.20	24.65 0.67 -2.18	29.34 0.88 0.00	30.18 0.92 0.00	29.01 1.02 0.00	30.06 1.00 0.00	32.05 1.05 0.00	33.61 1.15 0.00	43.14 1.81 0.00	33.14 1.29 0.00	39.68 1.56 0.00	35.78 1.38 0.00	31.62 1.19 0.00	29.36 0.93 0.00
V_A_10_SYNC_DSASP 323832	18.30 -0.24 0.00	17.80 -0.22 0.00	14.33 -0.39 0.00	14.18 -0.35 0.00	13.73 -0.41 0.00	14.53 -0.46 0.00	16.98 -0.36 0.00	18.70 -0.31 0.00	21.18 0.10 0.00	20.81 0.04 0.00	21.75 -0.27 0.00	21.65 -0.14 0.00	28.40 -0.07 0.00	29.29 0.03 0.00	27.26 -0.73 0.00	28.27 -0.79 0.00	30.30 -0.69 0.00	31.60 -0.86 0.00	40.01 -1.33 0.00	30.71 -1.15 0.00	36.82 -1.29 0.00	33.53 -0.87 0.00	30.36 -0.07 0.00	28.51 0.08 0.00
V_CMM_10_SYNC_DSASP 323787	18.54 0.00 0.00	18.07 0.04 0.00	14.73 0.01 0.00	14.53 -0.01 0.00	14.12 -0.01 0.00	14.97 -0.03 0.00	17.34 0.00 0.00	19.02 0.00 0.00	21.04 -0.04 0.00	20.61 -0.16 0.00	21.81 -0.20 0.00	21.56 -0.24 0.00	28.16 -0.31 0.00	28.88 -0.38 0.00	27.62 -0.37 0.00	28.70 -0.37 0.00	30.59 -0.40 0.00	31.92 -0.55 0.00	40.57 -0.76 0.00	31.28 -0.58 0.00	37.59 -0.52 0.00	34.05 -0.35 0.00	30.15 -0.28 0.00	28.21 -0.22 0.00
V_CMP_10_SYNC_DSASP 323788	19.43 0.89 0.00	18.88 0.86 0.00	15.40 0.68 0.00	15.13 0.60 0.00	14.69 0.55 0.00	15.39 0.39 0.00	17.83 0.49 0.00	19.52 0.51 0.00	21.61 0.53 0.00	21.33 0.56 0.00	22.67 0.66 0.00	22.32 0.52 0.00	28.92 0.46 0.00	29.66 0.40 0.00	28.27 0.28 0.00	29.39 0.32 0.00	31.19 0.19 0.00	32.56 0.10 0.00	41.03 -0.30 0.00	31.23 -0.63 0.00	37.95 -0.17 0.00	35.45 1.05 0.00	31.69 1.26 0.00	29.54 1.11 0.00
V_E_10_SYNC_DSASP 323830	19.64 1.10 0.00	19.02 1.00 0.00	15.51 0.78 0.00	15.33 0.79 0.00	14.92 0.79 0.00	15.87 0.88 0.00	18.47 1.13 0.00	20.36 1.34 0.00	22.67 1.59 0.00	22.25 1.48 0.00	23.52 1.50 0.00	23.39 1.59 0.00	30.66 2.20 0.00	31.89 2.53 -0.10	30.41 2.33 -0.09	31.67 2.49 -0.11	34.19 2.84 -0.36	36.64 3.26 -0.92	47.02 4.11 -1.57	36.05 3.39 -0.80	43.40 4.00 -1.28	38.84 3.50 -0.95	33.73 2.96 -0.34	31.23 2.62 -0.19
V_F_30_NSYNC__DSASP 323816	19.48 0.94 0.00	18.94 0.92 0.00	15.52 0.80 0.00	15.32 0.78 0.00	14.91 0.78 0.00	15.80 0.81 0.00	18.25 0.91 0.00	19.98 0.96 0.00	22.00 0.92 0.00	21.68 0.91 0.00	23.27 1.06 -0.19	24.85 0.98 -2.07	29.83 1.36 0.00	30.73 1.47 0.00	29.53 1.54 0.00	30.69 1.62 0.00	32.77 1.77 0.00	34.43 1.97 0.00	44.19 2.86 0.00	33.91 2.05 0.00	40.53 2.42 0.00	36.55 2.15 0.00	32.23 1.80 0.00	29.91 1.48 0.00
V_F_30_SYNC_DSASP 323786	18.97 0.43 0.00	18.46 0.44 0.00	15.15 0.42 0.00	14.96 0.42 0.00	14.56 0.43 0.00	15.43 0.44 0.00	17.77 0.43 0.00	19.45 0.43 0.00	21.45 0.37 0.00	21.13 0.36 0.00	22.69 0.47 -0.20	24.36 0.43 -2.13	29.04 0.57 0.00	29.87 0.61 0.00	28.71 0.72 0.00	29.77 0.71 0.00	31.76 0.77 0.00	33.34 0.88 0.00	42.71 1.38 0.00	32.83 0.97 0.00	39.25 1.14 0.00	35.37 0.97 0.00	31.27 0.83 0.00	29.06 0.64 0.00
V_XM_10_SYNC_DSASP 323789	19.43 0.89 0.00	18.88 0.86 0.00	15.40 0.68 0.00	15.13 0.60 0.00	14.69 0.55 0.00	15.39 0.39 0.00	17.83 0.49 0.00	19.52 0.51 0.00	21.61 0.53 0.00	21.33 0.56 0.00	22.67 0.66 0.00	22.32 0.52 0.00	28.92 0.46 0.00	29.66 0.40 0.00	28.27 0.28 0.00	29.39 0.32 0.00	31.19 0.19 0.00	32.56 0.10 0.00	41.03 -0.30 0.00	31.23 -0.63 0.00	37.95 -0.17 0.00	35.45 1.05 0.00	31.69 1.26 0.00	29.54 1.11 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.67 1.13 0.00	19.03 1.01 0.00	15.56 0.83 0.00	15.35 0.82 0.00	14.96 0.82 0.00	15.85 0.86 0.00	18.28 0.94 0.00	20.07 1.05 0.00	22.18 1.11 0.00	22.02 1.25 0.00	22.38 1.55 1.18	10.74 1.54 12.60	30.46 2.00 0.00	31.36 2.10 0.00	30.12 2.13 0.00	31.20 2.14 0.00	33.17 2.18 0.00	34.75 2.29 0.00	44.26 2.93 0.00	34.01 2.15 0.00	40.39 2.28 0.00	36.53 2.13 0.00	32.34 1.90 0.00	30.06 1.63 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.78 1.24 0.00	19.15 1.13 0.00	15.66 0.94 0.00	15.45 0.91 0.00	15.05 0.91 0.00	15.94 0.94 0.00	18.38 1.04 0.00	20.21 1.19 0.00	22.35 1.27 0.00	22.20 1.43 0.00	24.65 1.75 -0.88	32.91 1.76 -9.35	30.73 2.26 0.00	31.65 2.39 0.00	30.44 2.45 0.00	31.47 2.40 0.00	33.42 2.42 0.00	34.95 2.49 0.00	44.49 3.16 0.00	34.19 2.33 0.00	40.56 2.45 0.00	36.69 2.29 0.00	32.55 2.11 0.00	30.28 1.85 0.00
W50THST__13_KV_LOAD 356117	19.87 1.33 0.00	19.23 1.21 0.00	15.72 1.00 0.00	15.51 0.97 0.00	15.10 0.96 0.00	16.01 1.02 0.00	18.47 1.14 0.00	20.33 1.31 0.00	22.50 1.42 0.00	22.37 1.60 0.00	24.85 1.95 -0.88	33.12 1.96 -9.35	31.02 2.55 0.00	31.92 2.66 0.00	30.68 2.69 0.00	31.71 2.64 0.00	33.67 2.67 0.00	35.21 2.75 0.00	44.80 3.46 0.00	34.41 2.55 0.00	40.81 2.70 0.00	36.91 2.51 0.00	32.74 2.31 0.00	30.46 2.04 0.00
WADING RIVER_IC_1 23522	20.57 1.78 -0.25	19.60 1.58 0.00	16.08 1.36 0.00	15.84 1.30 0.00	15.40 1.26 0.00	16.12 1.13 0.00	18.82 1.48 0.00	20.69 1.67 0.00	22.79 1.71 0.00	22.79 2.02 0.00	25.10 2.21 -0.87	33.78 2.13 -9.85	31.97 2.76 -0.74	35.68 2.95 -3.47	36.60 2.89 -5.72	31.78 2.71 0.00	53.44 2.73 -19.71	35.46 3.00 0.00	74.44 3.94 -29.17	50.75 3.07 -15.82	41.16 3.05 0.00	37.20 2.80 0.00	32.96 2.53 0.00	30.68 2.25 0.00
WADING RIVER_IC_2 23547	20.57 1.78 -0.25	19.60 1.58 0.00	16.08 1.36 0.00	15.84 1.30 0.00	15.40 1.26 0.00	16.12 1.13 0.00	18.82 1.48 0.00	20.69 1.67 0.00	22.79 1.71 0.00	22.79 2.02 0.00	25.10 2.21 -0.87	33.78 2.13 -9.85	31.97 2.76 -0.74	35.68 2.95 -3.47	36.60 2.89 -5.72	31.78 2.71 0.00	53.44 2.73 -19.71	35.46 3.00 0.00	74.44 3.94 -29.17	50.75 3.07 -15.82	41.16 3.05 0.00	37.20 2.80 0.00	32.96 2.53 0.00	30.68 2.25 0.00
WADING RIVER_IC_3 23601	20.57 1.78 -0.25	19.60 1.58 0.00	16.08 1.36 0.00	15.84 1.30 0.00	15.40 1.26 0.00	16.12 1.13 0.00	18.82 1.48 0.00	20.69 1.67 0.00	22.79 1.71 0.00	22.79 2.02 0.00	25.10 2.21 -0.87	33.78 2.13 -9.85	31.97 2.76 -0.74	35.68 2.95 -3.47	36.60 2.89 -5.72	31.78 2.71 0.00	53.44 2.73 -19.71	35.46 3.00 0.00	74.44 3.94 -29.17	50.75 3.07 -15.82	41.16 3.05 0.00	37.20 2.80 0.00	32.96 2.53 0.00	30.68 2.25 0.00
WALDENNY_I2_KV_BK2 80841	18.63 0.09 0.00	18.09 0.07 0.00	14.52 -0.21 0.00	14.38 -0.15 0.00	13.91 -0.23 0.00	14.72 -0.27 0.00	17.22 -0.11 0.00	19.01 -0.01 0.00	21.63 0.55 0.00	21.29 0.52 0.00	22.25 0.23 0.00	22.19 0.39 0.00	29.09 0.63 0.00	30.04 0.78 0.00	27.85 -0.14 0.00	28.88 -0.19 0.00	31.00 0.01 0.00	32.29 -0.17 0.00	40.73 -0.60 0.00	31.31 -0.54 0.00	37.53 -0.58 0.00	34.18 -0.22 0.00	30.99 0.55 0.00	29.12 0.69 0.00
WALDEN___HYDRO 24148	19.66 1.12 0.00	19.05 1.03 0.00	15.56 0.84 0.00	15.35 0.82 0.00	14.95 0.82 0.00	15.86 0.87 0.00	18.28 0.95 0.00	20.06 1.05 0.00	22.17 1.09 0.00	21.96 1.19 0.00	23.27 1.46 0.21	21.01 1.44 2.23	30.36 1.89 0.00	31.25 2.00 0.00	30.03 2.04 0.00	31.14 2.07 0.00	33.12 2.13 0.00	34.77 2.31 0.00	44.38 3.05 0.00	34.16 2.30 0.00	40.68 2.57 0.00	36.74 2.34 0.00	32.45 2.02 0.00	30.16 1.73 0.00
WARRENSBURG____ 23737	19.36 0.82 0.00	18.79 0.76 0.00	15.39 0.67 0.00	15.18 0.65 0.00	14.77 0.64 0.00	15.66 0.66 0.00	18.11 0.77 0.00	19.82 0.81 0.00	21.78 0.70 0.00	21.46 0.69 0.00	23.04 0.82 -0.19	24.54 0.69 -2.05	29.54 1.08 0.00	30.43 1.17 0.00	29.37 1.38 0.00	30.58 1.52 0.00	32.71 1.72 0.00	34.47 2.01 0.00	44.30 2.97 0.00	33.85 1.99 0.00	40.41 2.29 0.00	36.50 2.10 0.00	32.11 1.68 0.00	29.75 1.32 0.00
WATERSIDE___6 8 9 23538	19.82 1.28 0.00	19.19 1.17 0.00	15.69 0.97 0.00	15.48 0.94 0.00	15.07 0.93 0.00	15.96 0.97 0.00	18.41 1.07 0.00	20.23 1.21 0.00	22.37 1.29 0.00	22.21 1.44 0.00	24.65 1.75 -0.88	32.89 1.74 -9.35	30.05 2.21 0.62	28.79 2.32 2.79	29.68 2.40 0.71	30.95 2.31 0.43	32.94 2.28 0.33	34.79 2.34 0.01	41.99 2.96 2.30	32.88 2.21 1.19	38.20 2.31 2.23	36.58 2.19 0.00	32.10 2.04 0.36	30.23 1.80 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.40 -0.14 0.00	17.86 -0.16 0.00	14.62 -0.10 0.00	14.44 -0.09 0.00	14.06 -0.08 0.00	14.90 -0.09 0.00	17.21 -0.13 0.00	18.86 -0.16 0.00	20.86 -0.22 0.00	20.56 -0.21 0.00	21.88 -0.14 0.00	21.68 -0.12 0.00	28.33 -0.13 0.00	29.15 -0.10 0.00	27.98 -0.01 0.00	29.00 -0.07 0.00	30.95 -0.05 0.00	32.52 0.06 0.00	41.58 0.25 0.00	32.05 0.19 0.00	38.32 0.21 0.00	34.51 0.11 0.00	30.41 -0.02 0.00	28.34 -0.09 0.00
WATSON___69_KV_BK 1 55734	20.82 2.03 -0.25	19.83 1.80 0.00	16.21 1.49 0.00	15.91 1.38 0.00	15.44 1.31 0.00	16.21 1.22 0.00	18.78 1.44 0.00	20.67 1.66 0.00	22.85 1.77 0.00	22.86 2.09 0.00	25.37 2.48 -0.87	34.18 2.54 -9.85	32.52 3.31 -0.74	36.25 3.53 -3.47	36.42 3.40 -5.02	32.30 3.23 0.00	44.17 3.31 -9.87	36.07 3.61 0.00	75.22 4.72 -29.17	51.33 3.66 -15.82	41.95 3.84 0.00	37.89 3.49 0.00	33.63 3.19 0.00	31.22 2.79 0.00
WDELAWARE___HYD 323627	19.72 1.18 0.00	19.07 1.04 0.00	15.57 0.84 0.00	15.35 0.82 0.00	14.95 0.81 0.00	15.85 0.85 0.00	18.28 0.94 0.00	20.08 1.06 0.00	22.21 1.13 0.00	22.00 1.23 0.00	23.42 1.53 0.13	22.03 1.61 1.37	30.58 2.12 0.00	31.54 2.28 0.00	30.33 2.34 0.00	31.36 2.29 0.00	33.36 2.37 0.00	35.08 2.62 0.00	44.75 3.42 0.00	34.47 2.62 0.00	40.93 2.82 0.00	36.92 2.52 0.00	32.58 2.15 0.00	30.22 1.79 0.00
WEST BABYLON___IC 23714	20.73 1.94 -0.25	19.75 1.72 0.00	16.15 1.43 0.00	15.85 1.32 0.00	15.39 1.25 0.00	16.17 1.18 0.00	18.71 1.37 0.00	20.59 1.57 0.00	22.75 1.67 0.00	22.74 1.97 0.00	25.24 2.35 -0.87	34.05 2.40 -9.85	32.32 3.11 -0.74	36.01 3.29 -3.47	35.66 3.18 -4.49	32.06 2.99 0.00	36.43 3.06 -2.38	35.81 3.36 0.00	74.90 4.40 -29.17	51.07 3.39 -15.82	41.70 3.58 0.00	37.71 3.31 0.00	33.49 3.06 0.00	31.08 2.65 0.00
WEST CANADA___HYD 24049	18.50 -0.04 0.00	17.97 -0.05 0.00	14.69 -0.03 0.00	14.50 -0.03 0.00	14.12 -0.02 0.00	14.98 -0.02 0.00	17.32 -0.02 0.00	18.99 -0.04 0.00	21.06 -0.02 0.00	20.77 0.00 0.00	22.03 0.01 0.00	21.82 0.02 0.00	28.49 0.03 0.00	29.26 0.00 0.00	27.99 0.01 0.00	29.07 0.00 0.00	31.00 0.00 0.00	32.50 0.04 0.00	41.42 0.08 0.00	31.92 0.06 0.00	38.15 0.04 0.00	34.39 -0.01 0.00	30.40 -0.04 0.00	28.37 -0.06 0.00



WESTERN_NY_WIND 24143	19.20 0.66 0.00	18.51 0.49 0.00	14.74 0.01 0.00	14.59 0.05 0.00	14.12 -0.02 0.00	14.96 -0.03 0.00	17.50 0.16 0.00	19.28 0.26 0.00	21.86 0.77 0.00	21.44 0.67 0.00	22.39 0.37 0.00	22.36 0.56 0.00	29.33 0.86 0.00	30.35 1.09 0.00	28.21 0.22 0.00	29.22 0.15 0.00	31.36 0.37 0.00	32.77 0.32 0.00	41.67 0.33 0.00	32.00 0.14 0.00	38.36 0.24 0.00	34.89 0.49 0.00	31.53 1.10 0.00	29.52 1.09 0.00
WESTOVER___LESR 323668	18.68 0.13 0.00	18.10 0.08 0.00	14.74 0.02 0.00	14.60 0.06 0.00	14.19 0.05 0.00	15.06 0.07 0.00	17.44 0.11 0.00	19.19 0.17 0.00	21.41 0.33 0.00	21.19 0.42 0.00	22.42 0.40 0.00	22.28 0.49 0.00	29.12 0.66 0.00	30.16 0.81 -0.09	28.66 0.59 -0.09	29.83 0.65 -0.11	32.01 0.68 -0.33	34.01 0.69 -0.85	43.52 0.73 -1.46	33.22 0.62 -0.75	39.94 0.64 -1.19	35.91 0.63 -0.88	31.27 0.53 -0.31	29.20 0.60 -0.17
WETHRSFD_WT_PWR 323626	18.32 -0.22 0.00	17.78 -0.24 0.00	14.32 -0.41 0.00	14.18 -0.36 0.00	13.72 -0.42 0.00	14.58 -0.41 0.00	17.03 -0.31 0.00	18.80 -0.22 0.00	21.36 0.28 0.00	21.14 0.37 0.00	22.16 0.14 0.00	22.04 0.24 0.00	28.74 0.28 0.00	29.68 0.42 0.00	27.52 -0.47 0.00	28.52 -0.54 0.00	30.60 -0.39 0.00	31.89 -0.57 0.00	40.37 -0.96 0.00	31.19 -0.66 0.00	37.31 -0.81 0.00	33.82 -0.57 0.00	30.68 0.25 0.00	28.90 0.47 0.00
WHAVSTOR_138KV_BK127 55557	19.59 1.04 0.00	18.96 0.94 0.00	15.50 0.78 0.00	15.30 0.77 0.00	14.91 0.77 0.00	15.79 0.80 0.00	18.20 0.87 0.00	19.98 0.96 0.00	22.08 1.00 0.00	21.91 1.14 0.00	22.25 1.42 1.20	10.45 1.42 12.76	30.28 1.81 0.00	31.15 1.89 0.00	29.91 1.92 0.00	30.99 1.92 0.00	32.93 1.94 0.00	34.49 2.03 0.00	43.95 2.61 0.00	33.79 1.93 0.00	40.13 2.01 0.00	36.31 1.91 0.00	32.16 1.73 0.00	29.91 1.48 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.59 1.04 0.00	18.96 0.94 0.00	15.50 0.78 0.00	15.30 0.77 0.00	14.91 0.77 0.00	15.79 0.80 0.00	18.20 0.87 0.00	19.98 0.96 0.00	22.08 1.00 0.00	21.91 1.14 0.00	22.25 1.42 1.20	10.45 1.42 12.76	30.28 1.81 0.00	31.15 1.89 0.00	29.91 1.92 0.00	30.99 1.92 0.00	32.93 1.94 0.00	34.49 2.03 0.00	43.95 2.61 0.00	33.79 1.93 0.00	40.13 2.01 0.00	36.31 1.91 0.00	32.16 1.73 0.00	29.91 1.48 0.00
WHITEHAL_115KV_TB1 80871	20.08 1.54 0.00	19.33 1.31 0.00	15.84 1.11 0.00	15.59 1.06 0.00	15.14 1.00 0.00	15.97 0.98 0.00	18.60 1.26 0.00	20.30 1.28 0.00	22.26 1.18 0.00	21.92 1.15 0.00	23.48 1.27 -0.19	25.05 1.19 -2.06	30.26 1.79 0.00	31.12 1.87 0.00	30.21 2.22 0.00	31.53 2.47 0.00	33.87 2.88 0.00	35.87 3.41 0.00	46.37 5.04 0.00	34.88 3.03 0.00	41.50 3.38 0.00	37.87 3.48 0.00	33.26 2.82 0.00	30.92 2.49 0.00
WHITEPLN_13_KV_LOAD 356215	19.83 1.29 0.00	19.19 1.17 0.00	15.69 0.96 0.00	15.48 0.94 0.00	15.07 0.93 0.00	15.97 0.97 0.00	18.41 1.08 0.00	20.24 1.22 0.00	22.37 1.29 0.00	22.20 1.43 0.00	24.79 1.84 -0.93	33.61 1.88 -9.93	30.93 2.46 0.00	31.86 2.60 0.00	30.63 2.64 0.00	31.53 2.46 0.00	33.50 2.51 0.00	35.09 2.63 0.00	44.70 3.37 0.00	34.36 2.50 0.00	40.79 2.68 0.00	36.86 2.46 0.00	32.63 2.21 0.00	30.32 1.89 0.00
WM_FLOYD_69_KV_BK2 356380	20.66 1.87 -0.25	19.67 1.65 0.00	16.12 1.40 0.00	15.85 1.32 0.00	15.39 1.26 0.00	16.14 1.14 0.00	18.76 1.42 0.00	20.62 1.60 0.00	22.74 1.66 0.00	22.75 1.98 0.00	25.14 2.25 -0.87	33.88 2.23 -9.85	32.13 2.92 -0.74	35.87 3.14 -3.47	36.82 3.09 -5.75	31.97 2.90 0.00	53.95 2.93 -20.02	35.69 3.23 0.00	74.74 4.24 -29.17	50.98 3.31 -15.82	41.46 3.34 0.00	37.43 3.03 0.00	33.16 2.73 0.00	30.87 2.44 0.00
WOODARD___115KV_TB2 355635	18.26 -0.28 0.00	17.73 -0.29 0.00	14.47 -0.25 0.00	14.29 -0.24 0.00	13.89 -0.25 0.00	14.74 -0.25 0.00	17.08 -0.26 0.00	18.76 -0.25 0.00	20.87 -0.21 0.00	20.58 -0.19 0.00	21.81 -0.21 0.00	21.65 -0.15 0.00	28.29 -0.17 0.00	29.32 -0.10 -0.17	27.96 -0.18 -0.15	29.07 -0.19 -0.19	31.43 -0.15 -0.59	33.89 -0.09 -1.52	43.78 -0.15 -2.59	33.05 -0.14 -1.33	39.99 -0.24 -2.11	35.71 -0.25 -1.57	30.76 -0.23 -0.55	28.51 -0.22 -0.31
YORK___WARBASSE 23770	19.91 1.37 0.00	19.26 1.24 0.00	15.74 1.02 0.00	15.52 0.99 0.00	15.11 0.98 0.00	16.01 1.02 0.00	18.46 1.13 0.00	20.29 1.27 0.00	22.44 1.36 0.00	22.28 1.51 0.00	24.73 1.84 -0.88	33.00 1.85 -9.35	35.01 2.38 -4.17	50.53 2.51 -18.76	35.30 2.57 -4.75	34.40 2.48 -2.85	35.62 2.47 -2.16	35.00 2.53 -0.01	47.21 3.19 -2.69	35.64 2.39 -1.39	43.28 2.57 -2.60	36.83 2.42 -0.01	35.11 2.23 -2.45	30.40 1.97 0.00