

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/31/2023

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	25.16	21.36	21.21	20.21	20.18	21.26	22.87	22.93	26.98	28.23	27.96	29.32	30.45	31.31	32.27	34.54	38.60	46.59	42.28	36.42	34.81	32.10	30.11	26.17
24138	1.73	1.23	1.14	1.02	1.03	1.05	1.46	1.78	2.34	2.59	2.63	2.79	2.89	2.90	2.77	3.20	3.57	4.39	3.60	2.64	2.46	2.35	2.44	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.21	21.38	21.25	20.23	20.20	21.26	22.85	22.91	26.98	28.23	27.96	29.32	30.42	31.34	32.27	34.54	38.56	46.59	42.28	36.42	34.94	32.13	30.16	26.17
24260	1.78	1.25	1.18	1.04	1.05	1.05	1.43	1.76	2.34	2.59	2.63	2.79	2.87	2.93	2.77	3.20	3.54	4.39	3.60	2.64	2.59	2.38	2.49	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.21	21.38	21.25	20.23	20.20	21.26	22.85	22.91	26.98	28.23	27.96	29.32	30.42	31.34	32.27	34.54	38.56	46.59	42.28	36.42	34.94	32.13	30.16	26.17
24261	1.78	1.25	1.18	1.04	1.05	1.05	1.43	1.76	2.34	2.59	2.63	2.79	2.87	2.93	2.77	3.20	3.54	4.39	3.60	2.64	2.59	2.38	2.49	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.65	21.08	20.95	20.00	19.95	21.08	22.48	22.42	26.11	27.13	26.57	27.92	28.88	29.74	31.00	32.79	36.64	44.39	41.04	36.01	34.61	31.80	29.50	25.69
24011	1.22	0.95	0.88	0.81	0.80	0.87	1.07	1.27	1.48	1.49	1.24	1.38	1.32	1.34	1.50	1.44	1.61	2.19	2.36	2.23	2.26	2.05	1.83	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.74	21.16	21.03	20.08	19.97	21.18	22.59	22.55	26.24	27.28	26.67	28.05	28.99	29.89	31.15	32.94	36.81	44.56	41.28	36.22	34.78	32.01	29.63	25.81
23798	1.31	1.03	0.96	0.88	0.82	0.97	1.18	1.40	1.60	1.64	1.34	1.51	1.43	1.48	1.65	1.60	1.79	2.36	2.59	2.43	2.43	2.26	1.96	1.57
	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
ADK S GLENS___FALLS	24.65	21.08	20.95	20.00	19.95	21.08	22.48	22.42	26.11	27.13	26.57	27.92	28.88	29.74	31.00	32.79	36.64	44.39	41.04	36.01	34.61	31.80	29.50	25.69
24028	1.22	0.95	0.88	0.81	0.80	0.87	1.07	1.27	1.48	1.49	1.24	1.38	1.32	1.34	1.50	1.44	1.61	2.19	2.36	2.23	2.26	2.05	1.83	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.67	21.14	20.99	20.06	20.03	21.12	22.44	22.27	26.02	26.95	26.60	27.89	28.96	29.91	31.00	33.01	36.81	44.69	41.12	35.74	34.16	31.38	29.19	25.61
23527	1.24	1.01	0.92	0.86	0.88	0.91	1.03	1.12	1.38	1.31	1.27	1.35	1.40	1.50	1.50	1.66	1.79	2.49	2.44	1.96	1.81	1.64	1.52	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.85	20.41	20.29	19.37	19.38	20.39	21.86	21.70	25.30	26.28	25.96	27.23	28.30	29.20	30.29	32.22	35.94	43.38	39.73	34.60	33.16	30.40	28.31	24.76
24190	0.42	0.28	0.22	0.17	0.23	0.18	0.45	0.55	0.67	0.64	0.63	0.69	0.74	0.80	0.80	0.88	0.91	1.18	1.04	0.81	0.81	0.65	0.64	0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	22.87	19.81	19.85	18.99	18.95	19.99	20.94	20.60	23.97	24.95	24.65	25.79	26.81	27.67	28.76	30.56	34.12	41.02	37.72	32.94	31.57	29.04	27.03	23.70
355683	-0.56	-0.32	-0.22	-0.21	-0.19	-0.22	-0.47	-0.55	-0.67	-0.69	-0.68	-0.74	-0.74	-0.74	-0.74	-0.78	-0.91	-1.18	-0.97	-0.84	-0.78	-0.71	-0.64	-0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23.85	20.41	20.29	19.37	19.38	20.39	21.86	21.70	25.30	26.28	25.96	27.23	28.30	29.20	30.29	32.22	35.94	43.38	39.73	34.60	33.16	30.40	28.31	24.76
23571	0.42	0.28	0.22	0.17	0.23	0.18	0.45	0.55	0.67	0.64	0.63	0.69	0.74	0.80	0.80	0.88	0.91	1.18	1.04	0.81	0.81	0.65	0.64	0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	23.85	20.41	20.29	19.37	19.38	20.39	21.86	21.70	25.30	26.28	25.96	27.23	28.30	29.20	30.29	32.22	35.94	43.38	39.73	34.60	33.16	30.40	28.31	24.76
23572	0.42	0.28	0.22	0.17	0.23	0.18	0.45	0.55	0.67	0.64	0.63	0.69	0.74	0.80	0.80	0.88	0.91	1.18	1.04	0.81	0.81	0.65	0.64	0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	23.85	20.41	20.29	19.37	19.38	20.39	21.86	21.70	25.30	26.28	25.96	27.23	28.30	29.20	30.29	32.22	35.94	43.38	39.73	34.60	33.16	30.40	28.31	24.76
23573	0.42	0.28	0.22	0.17	0.23	0.18	0.45	0.55	0.67	0.64	0.63	0.69	0.74	0.80	0.80	0.88	0.91	1.18	1.04	0.81	0.81	0.65	0.64	0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	23.85 0.42 0.00	20.41 0.28 0.00	20.29 0.22 0.00	19.37 0.17 0.00	19.38 0.23 0.00	20.39 0.18 0.00	21.86 0.45 0.00	21.70 0.55 0.00	25.30 0.67 0.00	26.28 0.64 0.00	25.96 0.63 0.00	27.23 0.69 0.00	28.30 0.74 0.00	29.20 0.80 0.00	30.29 0.80 0.00	32.22 0.88 0.00	35.94 0.91 0.00	43.38 1.18 0.00	39.73 1.04 0.00	34.60 0.81 0.00	33.16 0.81 0.00	30.40 0.65 0.00	28.31 0.64 0.00	24.76 0.53 0.00
ALBANY___LFGE 323615	24.08 0.66 0.00	20.61 0.48 0.00	20.47 0.40 0.00	19.56 0.36 0.00	19.51 0.36 0.00	20.59 0.38 0.00	22.08 0.66 0.00	21.91 0.76 0.00	25.57 0.94 0.00	26.56 0.92 0.00	26.22 0.89 0.00	27.52 0.98 0.00	28.60 1.05 0.00	29.52 1.11 0.00	30.64 1.15 0.00	32.57 1.22 0.00	36.32 1.30 0.00	43.80 1.60 0.00	40.19 1.51 0.00	34.97 1.18 0.00	33.45 1.10 0.00	30.76 1.01 0.00	28.61 0.94 0.00	25.01 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	22.96 -0.47 0.00	19.89 -0.24 0.00	19.93 -0.14 0.00	19.08 -0.12 0.00	19.03 -0.11 0.00	20.09 -0.12 0.00	21.05 -0.36 0.00	20.60 -0.55 0.00	23.95 -0.69 0.00	24.92 -0.72 0.00	24.62 -0.71 0.00	25.77 -0.77 0.00	26.79 -0.77 0.00	27.64 -0.77 0.00	28.76 -0.74 0.00	30.53 -0.81 0.00	34.08 -0.95 0.00	40.97 -1.22 0.00	37.68 -1.01 0.00	32.91 -0.88 0.00	31.57 -0.78 0.00	29.04 -0.71 0.00	27.06 -0.61 0.00	23.75 -0.48 0.00
ALCOA_RYNLDS___DRP 24188	22.96 -0.47 0.00	19.89 -0.24 0.00	19.93 -0.14 0.00	19.08 -0.12 0.00	19.03 -0.11 0.00	20.09 -0.12 0.00	21.05 -0.36 0.00	20.60 -0.55 0.00	23.95 -0.69 0.00	24.92 -0.72 0.00	24.62 -0.71 0.00	25.77 -0.77 0.00	26.79 -0.77 0.00	27.64 -0.77 0.00	28.76 -0.74 0.00	30.53 -0.81 0.00	34.08 -0.95 0.00	40.97 -1.22 0.00	37.68 -1.01 0.00	32.91 -0.88 0.00	31.57 -0.78 0.00	29.04 -0.71 0.00	27.06 -0.61 0.00	23.75 -0.48 0.00
ALCOA___DSASP 323711	22.96 -0.47 0.00	19.91 -0.22 0.00	19.93 -0.14 0.00	19.08 -0.11 0.00	19.05 -0.10 0.00	20.09 -0.12 0.00	21.05 -0.36 0.00	20.60 -0.55 0.00	23.95 -0.69 0.00	24.92 -0.72 0.00	24.62 -0.71 0.00	25.77 -0.77 0.00	26.79 -0.77 0.00	27.64 -0.77 0.00	28.76 -0.74 0.00	30.53 -0.82 0.00	34.08 -0.94 0.00	40.97 -1.23 0.00	37.68 -1.01 0.00	32.91 -0.88 0.00	31.54 -0.81 0.00	29.04 -0.71 0.00	27.06 -0.61 0.00	23.75 -0.48 0.00
ALLEGHENY___COGEN 23514	25.30 1.87 0.00	21.42 1.29 0.00	21.25 1.18 0.00	20.33 1.13 0.00	20.22 1.07 0.00	21.47 1.25 0.00	22.85 1.43 0.00	22.31 1.16 0.00	25.42 0.79 0.00	26.26 0.61 0.00	25.64 0.31 0.00	26.70 0.16 0.00	27.64 0.08 0.00	28.47 0.06 0.00	29.88 0.38 0.00	31.63 0.28 0.00	35.58 0.56 0.00	43.08 0.89 0.00	40.23 1.55 0.00	36.15 2.36 0.00	34.81 2.46 0.00	31.89 2.14 0.00	29.47 1.80 0.00	26.02 1.79 0.00
ALTAMONT_115KV_TB 2 55880	24.18 0.75 0.00	20.69 0.56 0.00	20.57 0.50 0.00	19.66 0.46 0.00	19.61 0.46 0.00	20.68 0.46 0.00	22.12 0.71 0.00	21.95 0.80 0.00	25.62 0.99 0.00	26.64 1.00 0.00	26.29 0.96 0.00	27.57 1.03 0.00	28.66 1.10 0.00	29.55 1.14 0.00	30.65 1.15 0.00	32.60 1.25 0.00	36.39 1.37 0.00	43.93 1.73 0.00	40.23 1.55 0.00	35.03 1.25 0.00	33.61 1.26 0.00	30.82 1.07 0.00	28.69 1.02 0.00	25.10 0.87 0.00
ALTONA_WT_PWR 323606	22.96 -0.47 0.00	19.91 -0.22 0.00	19.97 -0.10 0.00	19.16 -0.04 0.00	19.09 -0.06 0.00	20.21 0.00 0.00	21.31 -0.11 0.00	21.00 -0.15 0.00	24.49 -0.15 0.00	25.54 -0.10 0.00	25.18 -0.15 0.00	26.35 -0.18 0.00	27.37 -0.19 0.00	28.27 -0.14 0.00	29.41 -0.09 0.00	31.19 -0.16 0.00	34.85 -0.17 0.00	41.95 -0.25 0.00	38.72 0.04 0.00	33.85 0.07 0.00	32.41 0.06 0.00	29.78 0.03 0.00	27.73 0.06 0.00	24.35 0.12 0.00
AMERICAN_REF_FUEL 24010	23.94 0.51 0.00	20.25 0.12 0.00	20.11 0.04 0.00	19.26 0.06 0.00	19.26 0.12 0.00	20.31 0.10 0.00	21.75 0.34 0.00	21.11 -0.04 0.00	24.37 -0.27 0.00	25.26 -0.38 0.00	25.05 -0.28 0.00	26.19 -0.35 0.00	27.12 -0.44 0.00	27.81 -0.60 0.00	28.93 -0.56 0.00	30.50 -0.84 0.00	34.05 -0.98 0.00	40.76 -1.43 0.00	37.33 -1.36 0.00	33.65 -0.13 0.00	32.22 -0.13 0.00	29.57 -0.18 0.00	27.34 -0.33 0.00	24.45 0.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.81 1.38 0.00	21.01 0.88 0.00	20.87 0.80 0.00	19.97 0.77 0.00	19.93 0.79 0.00	21.12 0.91 0.00	22.50 1.09 0.00	22.08 0.93 0.00	25.47 0.84 0.00	26.49 0.84 0.00	26.24 0.91 0.00	27.39 0.85 0.00	28.27 0.72 0.00	29.03 0.62 0.00	30.20 0.71 0.00	31.85 0.50 0.00	35.62 0.59 0.00	42.71 0.51 0.00	39.19 0.50 0.00	35.20 1.42 0.00	33.68 1.33 0.00	31.00 1.25 0.00	28.61 0.94 0.00	25.51 1.28 0.00
ARTHUR_KILL_GT_1 23520	25.14 1.71 0.00	21.22 1.09 0.00	21.09 1.02 0.00	20.02 0.82 0.00	19.97 0.82 0.00	20.94 0.73 0.00	22.45 1.05 0.01	22.58 1.44 0.01	26.62 1.99 0.01	27.97 2.33 0.01	27.78 2.46 0.01	29.16 2.63 0.01	30.25 2.70 0.01	31.16 2.75 0.01	32.08 2.60 0.01	34.44 3.10 0.01	38.28 3.26 0.01	46.24 4.05 0.01	41.93 3.25 0.01	35.91 2.13 0.01	34.51 2.17 0.01	31.85 2.11 0.01	29.99 2.32 0.01	25.98 1.75 0.00
ARTHUR_KILL_2 23512	25.07 1.64 0.00	21.16 1.03 0.00	21.05 0.98 0.00	19.97 0.77 0.00	19.93 0.79 0.00	20.90 0.69 0.00	22.41 1.01 0.01	22.54 1.40 0.01	26.55 1.92 0.01	27.89 2.26 0.01	27.70 2.38 0.01	29.08 2.55 0.01	30.17 2.62 0.01	31.07 2.67 0.01	31.96 2.48 0.01	34.32 2.98 0.01	38.13 3.12 0.01	46.07 3.88 0.01	41.77 3.10 0.01	35.80 2.03 0.01	34.38 2.04 0.01	31.74 1.99 0.01	29.90 2.24 0.01	25.90 1.67 0.00
ARTHUR_KILL_3 23513	24.91 1.48 0.00	21.14 1.01 0.00	20.99 0.92 0.00	20.00 0.81 0.00	19.95 0.80 0.00	21.02 0.81 0.00	22.61 1.20 0.00	22.67 1.52 0.00	26.68 2.04 0.00	27.92 2.28 0.00	27.66 2.33 0.00	28.98 2.44 0.00	30.07 2.51 0.00	30.91 2.50 0.00	31.82 2.33 0.00	34.07 2.73 0.00	38.07 3.05 0.00	45.95 3.75 0.00	41.70 3.02 0.00	35.91 2.13 0.00	34.35 2.01 0.00	31.74 1.99 0.00	29.77 2.10 0.00	25.90 1.67 0.00
ARTHUR_KILL_COGEN 323718	25.14 1.71 0.00	21.22 1.09 0.00	21.09 1.02 0.00	20.02 0.82 0.00	19.97 0.82 0.00	20.94 0.73 0.00	22.45 1.05 0.01	22.58 1.44 0.01	26.62 1.99 0.01	27.97 2.33 0.01	27.78 2.46 0.01	29.16 2.63 0.01	30.25 2.70 0.01	31.16 2.75 0.01	32.08 2.60 0.01	34.44 3.10 0.01	38.28 3.26 0.01	46.24 4.05 0.01	41.93 3.25 0.01	35.91 2.13 0.01	34.51 2.17 0.01	31.85 2.11 0.01	29.99 2.32 0.01	25.98 1.75 0.00
ASHOKAN____ 23654	24.18 0.75 0.00	20.65 0.52 0.00	20.53 0.46 0.00	19.60 0.40 0.00	19.62 0.48 0.00	20.53 0.32 0.00	22.08 0.66 0.00	21.85 0.70 0.00	25.42 0.79 0.00	26.28 0.64 0.00	26.04 0.71 0.00	27.31 0.77 0.00	28.52 0.96 0.00	29.40 0.99 0.00	30.59 1.09 0.00	32.54 1.19 0.00	36.50 1.47 0.00	44.14 1.94 0.00	40.54 1.86 0.00	35.41 1.62 0.00	33.84 1.49 0.00	31.06 1.31 0.00	28.92 1.25 0.00	25.23 0.99 0.00

ASTORIA_EAST_ENERGY_CC1 323581	25.19 1.76 -0.01	21.22 1.09 0.00	21.11 1.04 0.00	20.14 0.94 0.00	20.08 0.94 0.00	21.02 0.81 0.00	22.54 1.13 0.01	22.62 1.48 0.01	26.53 1.90 0.00	27.92 2.28 0.01	27.85 2.51 -0.01	29.17 2.63 -0.01	30.37 2.81 0.00	31.20 2.79 0.00	32.12 2.62 0.00	34.52 3.16 -0.01	38.36 3.33 0.00	46.30 4.09 -0.01	42.01 3.33 0.00	35.80 2.03 0.01	34.31 1.97 0.01	31.80 2.05 0.00	30.05 2.38 0.00	26.02 1.79 0.00
ASTORIA_EAST_ENERGY_CC2 323582	25.19 1.76 -0.01	21.22 1.09 0.00	21.11 1.04 0.00	20.14 0.94 0.00	20.08 0.94 0.00	21.02 0.81 0.00	22.54 1.13 0.01	22.62 1.48 0.01	26.53 1.90 0.00	27.92 2.28 0.01	27.85 2.51 -0.01	29.17 2.63 -0.01	30.37 2.81 0.00	31.20 2.79 0.00	32.12 2.62 0.00	34.52 3.16 -0.01	38.36 3.33 0.00	46.30 4.09 -0.01	42.01 3.33 0.00	35.80 2.03 0.01	34.31 1.97 0.01	31.80 2.05 0.00	30.05 2.38 0.00	26.02 1.79 0.00
ASTORIA_GT2_1 24094	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.16 0.96 0.00	20.12 0.98 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.65 1.50 0.00	26.80 2.17 0.00	27.95 2.31 0.00	27.85 2.51 -0.01	29.17 2.63 -0.01	30.34 2.78 0.00	31.22 2.81 0.00	32.18 2.68 0.00	34.55 3.20 -0.01	38.39 3.36 0.00	46.34 4.14 -0.01	42.05 3.37 0.00	35.81 2.03 0.00	34.45 2.10 0.00	31.80 2.05 0.00	30.08 2.41 0.00	26.05 1.82 0.00
ASTORIA_GT2_2 24095	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.16 0.96 0.00	20.12 0.98 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.65 1.50 0.00	26.80 2.17 0.00	27.95 2.31 0.00	27.85 2.51 -0.01	29.17 2.63 -0.01	30.34 2.78 0.00	31.22 2.81 0.00	32.18 2.68 0.00	34.55 3.20 -0.01	38.39 3.36 0.00	46.34 4.14 -0.01	42.05 3.37 0.00	35.81 2.03 0.00	34.45 2.10 0.00	31.80 2.05 0.00	30.08 2.41 0.00	26.05 1.82 0.00
ASTORIA_GT2_3 24096	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.16 0.96 0.00	20.12 0.98 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.65 1.50 0.00	26.80 2.17 0.00	27.95 2.31 0.00	27.85 2.51 -0.01	29.17 2.63 -0.01	30.34 2.78 0.00	31.22 2.81 0.00	32.18 2.68 0.00	34.55 3.20 -0.01	38.39 3.36 0.00	46.34 4.14 -0.01	42.05 3.37 0.00	35.81 2.03 0.00	34.45 2.10 0.00	31.80 2.05 0.00	30.08 2.41 0.00	26.05 1.82 0.00
ASTORIA_GT2_4 24097	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.16 0.96 0.00	20.12 0.98 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.65 1.50 0.00	26.80 2.17 0.00	27.95 2.31 0.00	27.85 2.51 -0.01	29.17 2.63 -0.01	30.34 2.78 0.00	31.22 2.81 0.00	32.18 2.68 0.00	34.55 3.20 -0.01	38.39 3.36 0.00	46.34 4.14 -0.01	42.05 3.37 0.00	35.81 2.03 0.00	34.45 2.10 0.00	31.80 2.05 0.00	30.08 2.41 0.00	26.05 1.82 0.00
ASTORIA_GT3_1 24098	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.16 0.96 0.00	20.12 0.98 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.65 1.50 0.00	26.80 2.17 0.00	27.95 2.31 0.00	27.85 2.51 -0.01	29.17 2.63 -0.01	30.34 2.78 0.00	31.22 2.81 0.00	32.18 2.68 0.00	34.55 3.20 -0.01	38.39 3.36 0.00	46.34 4.14 -0.01	42.05 3.37 0.00	35.81 2.03 0.00	34.45 2.10 0.00	31.80 2.05 0.00	30.08 2.41 0.00	26.05 1.82 0.00
ASTORIA_GT3_2 24099	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.16 0.96 0.00	20.12 0.98 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.65 1.50 0.00	26.80 2.17 0.00	27.95 2.31 0.00	27.85 2.51 -0.01	29.17 2.63 -0.01	30.34 2.78 0.00	31.22 2.81 0.00	32.18 2.68 0.00	34.55 3.20 -0.01	38.39 3.36 0.00	46.34 4.14 -0.01	42.05 3.37 0.00	35.81 2.03 0.00	34.45 2.10 0.00	31.80 2.05 0.00	30.08 2.41 0.00	26.05 1.82 0.00
ASTORIA_GT3_3 24100	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.16 0.96 0.00	20.12 0.98 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.65 1.50 0.00	26.80 2.17 0.00	27.95 2.31 0.00	27.85 2.51 -0.01	29.17 2.63 -0.01	30.34 2.78 0.00	31.22 2.81 0.00	32.18 2.68 0.00	34.55 3.20 -0.01	38.39 3.36 0.00	46.34 4.14 -0.01	42.05 3.37 0.00	35.81 2.03 0.00	34.45 2.10 0.00	31.80 2.05 0.00	30.08 2.41 0.00	26.05 1.82 0.00
ASTORIA_GT3_4 24101	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.16 0.96 0.00	20.12 0.98 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.65 1.50 0.00	26.80 2.17 0.00	27.95 2.31 0.00	27.85 2.51 -0.01	29.17 2.63 -0.01	30.34 2.78 0.00	31.22 2.81 0.00	32.18 2.68 0.00	34.55 3.20 -0.01	38.39 3.36 0.00	46.34 4.14 -0.01	42.05 3.37 0.00	35.81 2.03 0.00	34.45 2.10 0.00	31.80 2.05 0.00	30.08 2.41 0.00	26.05 1.82 0.00
ASTORIA_GT4_1 24102	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.16 0.96 0.00	20.12 0.98 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.65 1.50 0.00	26.80 2.17 0.00	27.95 2.31 0.00	27.85 2.51 -0.01	29.17 2.63 -0.01	30.34 2.78 0.00	31.22 2.81 0.00	32.18 2.68 0.00	34.55 3.20 -0.01	38.39 3.36 0.00	46.34 4.14 -0.01	42.05 3.37 0.00	35.81 2.03 0.00	34.45 2.10 0.00	31.80 2.05 0.00	30.08 2.41 0.00	26.05 1.82 0.00
ASTORIA_GT4_2 24103	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.16 0.96 0.00	20.12 0.98 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.65 1.50 0.00	26.80 2.17 0.00	27.95 2.31 0.00	27.85 2.51 -0.01	29.17 2.63 -0.01	30.34 2.78 0.00	31.22 2.81 0.00	32.18 2.68 0.00	34.55 3.20 -0.01	38.39 3.36 0.00	46.34 4.14 -0.01	42.05 3.37 0.00	35.81 2.03 0.00	34.45 2.10 0.00	31.80 2.05 0.00	30.08 2.41 0.00	26.05 1.82 0.00
ASTORIA_GT4_3 24104	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.16 0.96 0.00	20.12 0.98 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.65 1.50 0.00	26.80 2.17 0.00	27.95 2.31 0.00	27.85 2.51 -0.01	29.17 2.63 -0.01	30.34 2.78 0.00	31.22 2.81 0.00	32.18 2.68 0.00	34.55 3.20 -0.01	38.39 3.36 0.00	46.34 4.14 -0.01	42.05 3.37 0.00	35.81 2.03 0.00	34.45 2.10 0.00	31.80 2.05 0.00	30.08 2.41 0.00	26.05 1.82 0.00
ASTORIA_GT4_4 24105	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.16 0.96 0.00	20.12 0.98 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.65 1.50 0.00	26.80 2.17 0.00	27.95 2.31 0.00	27.85 2.51 -0.01	29.17 2.63 -0.01	30.34 2.78 0.00	31.22 2.81 0.00	32.18 2.68 0.00	34.55 3.20 -0.01	38.39 3.36 0.00	46.34 4.14 -0.01	42.05 3.37 0.00	35.81 2.03 0.00	34.45 2.10 0.00	31.80 2.05 0.00	30.08 2.41 0.00	26.05 1.82 0.00
ASTORIA_GT_1 23523	25.27 1.83 -0.01	21.26 1.13 0.00	21.17 1.10 0.00	20.18 0.98 0.00	20.12 0.98 0.00	21.06 0.85 0.00	22.58 1.18 0.01	22.69 1.54 0.01	26.61 1.97 0.00	27.99 2.36 0.01	27.90 2.56 -0.01	29.25 2.71 -0.01	30.43 2.87 0.00	31.28 2.87 0.00	32.21 2.71 0.00	34.61 3.26 0.00	38.46 3.43 -0.01	46.42 4.22 -0.01	42.13 3.44 0.00	35.87 2.10 0.01	34.38 2.04 0.01	31.86 2.11 0.00	30.13 2.46 0.00	26.07 1.84 0.00

ASTORIA_GT_10 24110	25.09 1.66 0.00	21.22 1.09 0.00	21.09 1.02 0.00	20.08 0.88 0.00	20.06 0.92 0.00	21.06 0.85 0.00	22.63 1.22 0.00	22.72 1.57 0.00	26.83 2.19 0.00	28.03 2.38 0.00	27.85 2.51 -0.01	29.20 2.65 -0.01	30.29 2.73 0.00	31.19 2.78 0.00	32.12 2.63 0.00	34.39 3.04 0.00	38.28 3.26 0.00	46.16 3.97 0.00	41.90 3.21 0.00	35.95 2.16 0.00	34.55 2.20 0.00	31.86 2.11 0.00	29.99 2.32 0.00	26.00 1.77 0.00
ASTORIA_GT_11 24225	25.09 1.66 0.00	21.22 1.09 0.00	21.09 1.02 0.00	20.08 0.88 0.00	20.06 0.92 0.00	21.06 0.85 0.00	22.63 1.22 0.00	22.72 1.57 0.00	26.83 2.19 0.00	28.03 2.38 0.00	27.85 2.51 -0.01	29.20 2.65 -0.01	30.29 2.73 0.00	31.19 2.78 0.00	32.12 2.63 0.00	34.39 3.04 0.00	38.28 3.26 0.00	46.16 3.97 0.00	41.90 3.21 0.00	35.95 2.16 0.00	34.55 2.20 0.00	31.86 2.11 0.00	29.99 2.32 0.00	26.00 1.77 0.00
ASTORIA_GT_12 24226	25.09 1.66 0.00	21.22 1.09 0.00	21.09 1.02 0.00	20.08 0.88 0.00	20.06 0.92 0.00	21.06 0.85 0.00	22.63 1.22 0.00	22.72 1.57 0.00	26.83 2.19 0.00	28.03 2.38 0.00	27.85 2.51 -0.01	29.20 2.65 -0.01	30.29 2.73 0.00	31.19 2.78 0.00	32.12 2.63 0.00	34.39 3.04 0.00	38.28 3.26 0.00	46.16 3.97 0.00	41.90 3.21 0.00	35.95 2.16 0.00	34.55 2.20 0.00	31.86 2.11 0.00	29.99 2.32 0.00	26.00 1.77 0.00
ASTORIA_GT_13 24227	25.09 1.66 0.00	21.22 1.09 0.00	21.09 1.02 0.00	20.08 0.88 0.00	20.06 0.92 0.00	21.06 0.85 0.00	22.63 1.22 0.00	22.72 1.57 0.00	26.83 2.19 0.00	28.03 2.38 0.00	27.85 2.51 -0.01	29.20 2.65 -0.01	30.29 2.73 0.00	31.19 2.78 0.00	32.12 2.63 0.00	34.39 3.04 0.00	38.28 3.26 0.00	46.16 3.97 0.00	41.90 3.21 0.00	35.95 2.16 0.00	34.55 2.20 0.00	31.86 2.11 0.00	29.99 2.32 0.00	26.00 1.77 0.00
ASTORIA_GT_5 24106	25.27 1.83 -0.01	21.26 1.13 0.00	21.17 1.10 0.00	20.18 0.98 0.00	20.12 0.98 0.00	21.06 0.85 0.00	22.58 1.18 0.01	22.69 1.54 0.01	26.61 1.97 0.00	27.99 2.36 0.01	27.90 2.56 -0.01	29.25 2.71 -0.01	30.43 2.87 0.00	31.28 2.87 0.00	32.21 2.71 0.00	34.61 3.26 -0.01	38.46 3.43 0.00	46.42 4.22 -0.01	42.13 3.44 0.00	35.87 2.10 0.01	34.38 2.04 0.01	31.86 2.11 0.00	30.13 2.46 0.00	26.07 1.84 0.00
ASTORIA_GT_7 24107	25.27 1.83 -0.01	21.26 1.13 0.00	21.17 1.10 0.00	20.18 0.98 0.00	20.12 0.98 0.00	21.06 0.85 0.00	22.58 1.18 0.01	22.69 1.54 0.01	26.61 1.97 0.00	27.99 2.36 0.01	27.90 2.56 -0.01	29.25 2.71 -0.01	30.43 2.87 0.00	31.28 2.87 0.00	32.21 2.71 0.00	34.61 3.26 -0.01	38.46 3.43 0.00	46.42 4.22 -0.01	42.13 3.44 0.00	35.87 2.10 0.01	34.38 2.04 0.01	31.86 2.11 0.00	30.13 2.46 0.00	26.07 1.84 0.00
ASTORIA_GT_8 24108	25.26 1.83 -0.01	21.26 1.13 0.00	21.17 1.10 0.00	20.18 0.98 0.00	20.16 1.01 0.00	21.06 0.85 0.00	22.59 1.18 0.00	22.70 1.54 0.00	26.85 2.22 0.00	28.00 2.36 0.00	27.90 2.56 -0.01	29.25 2.71 -0.01	30.40 2.84 0.00	31.28 2.87 0.00	32.24 2.74 0.00	34.61 3.26 -0.01	38.46 3.43 0.00	46.47 4.26 -0.01	42.13 3.44 0.00	35.91 2.13 0.00	34.52 2.17 0.00	31.86 2.11 0.00	30.13 2.46 0.00	26.10 1.87 0.00
ASTORIA___2 24149	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.16 0.96 0.00	20.10 0.96 0.00	21.02 0.81 0.00	22.54 1.13 0.01	22.64 1.50 0.01	26.56 1.92 0.00	27.94 2.31 0.01	27.85 2.51 -0.01	29.17 2.63 -0.01	30.37 2.81 0.00	31.23 2.81 0.00	32.15 2.66 0.00	34.55 3.20 -0.01	38.39 3.36 0.00	46.34 4.14 -0.01	42.05 3.36 0.00	35.80 2.03 0.01	34.31 1.97 0.01	31.80 2.05 0.00	30.08 2.41 0.00	26.05 1.82 0.00
ASTORIA___3 23516	25.09 1.66 0.00	21.22 1.09 0.00	21.09 1.02 0.00	20.08 0.88 0.00	20.05 0.90 0.00	21.06 0.85 0.00	22.63 1.22 0.00	22.72 1.57 0.00	26.71 2.07 0.00	28.03 2.39 0.00	27.85 2.51 -0.01	29.20 2.65 -0.01	30.31 2.76 0.00	31.17 2.75 0.00	32.09 2.60 0.00	34.39 3.04 0.00	38.25 3.22 0.00	46.12 3.92 0.00	41.89 3.21 0.00	35.95 2.16 0.00	34.45 2.10 0.00	31.86 2.11 0.00	29.99 2.32 0.00	26.00 1.77 0.00
ASTORIA___4 23517	25.09 1.66 0.00	21.22 1.09 0.00	21.09 1.02 0.00	20.08 0.88 0.00	20.06 0.92 0.00	21.06 0.85 0.00	22.63 1.22 0.00	22.72 1.57 0.00	26.83 2.19 0.00	28.03 2.38 0.00	27.85 2.51 -0.01	29.20 2.65 -0.01	30.29 2.73 0.00	31.19 2.78 0.00	32.12 2.63 0.00	34.39 3.04 0.00	38.28 3.26 0.00	46.16 3.97 0.00	41.90 3.21 0.00	35.95 2.16 0.00	34.55 2.20 0.00	31.86 2.11 0.00	29.99 2.32 0.00	26.00 1.77 0.00
ASTORIA___5 23518	25.09 1.66 0.00	21.22 1.09 0.00	21.09 1.02 0.00	20.08 0.88 0.00	20.05 0.90 0.00	21.06 0.85 0.00	22.63 1.22 0.00	22.72 1.57 0.00	26.71 2.07 0.00	28.03 2.39 0.00	27.85 2.51 -0.01	29.20 2.65 -0.01	30.31 2.76 0.00	31.17 2.75 0.00	32.09 2.60 0.00	34.39 3.04 0.00	38.28 3.26 0.00	46.12 3.92 0.00	41.89 3.21 0.00	35.95 2.16 0.00	34.45 2.10 0.00	31.86 2.11 0.00	29.99 2.32 0.00	26.00 1.77 0.00
AST_ENERGY_2_CC3 323677	24.97 1.55 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.06 0.86 0.00	20.01 0.86 0.00	21.08 0.87 0.00	22.65 1.24 0.00	22.72 1.57 0.00	26.71 2.07 0.00	27.95 2.31 0.00	27.69 2.36 0.00	29.03 2.49 0.00	30.12 2.56 0.00	30.99 2.58 0.00	31.94 2.45 0.00	34.17 2.82 0.00	38.18 3.15 0.00	46.08 3.88 0.00	41.86 3.17 0.00	36.05 2.26 0.00	34.45 2.10 0.00	31.83 2.08 0.00	29.86 2.19 0.00	25.95 1.72 0.00
AST_ENERGY_2_CC4 323678	24.97 1.55 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.06 0.86 0.00	20.01 0.86 0.00	21.08 0.87 0.00	22.65 1.24 0.00	22.72 1.57 0.00	26.71 2.07 0.00	27.95 2.31 0.00	27.69 2.36 0.00	29.03 2.49 0.00	30.12 2.56 0.00	30.99 2.58 0.00	31.94 2.45 0.00	34.17 2.82 0.00	38.18 3.15 0.00	46.08 3.88 0.00	41.86 3.17 0.00	36.05 2.26 0.00	34.45 2.10 0.00	31.83 2.08 0.00	29.86 2.19 0.00	25.95 1.72 0.00
ATHENS_STG_1 23668	24.37 0.94 0.00	20.81 0.68 0.00	20.69 0.62 0.00	19.76 0.56 0.00	19.68 0.54 0.00	20.78 0.57 0.00	22.23 0.81 0.00	22.10 0.95 0.00	25.82 1.18 0.00	26.90 1.26 0.00	26.57 1.24 0.00	27.84 1.30 0.00	28.94 1.38 0.00	29.83 1.42 0.00	30.88 1.39 0.00	32.91 1.57 0.00	36.74 1.72 0.00	44.31 2.11 0.00	40.54 1.86 0.00	35.20 1.42 0.00	33.68 1.33 0.00	31.00 1.25 0.00	28.89 1.22 0.00	25.25 1.02 0.00
ATHENS_STG_2 23670	24.37 0.94 0.00	20.81 0.68 0.00	20.69 0.62 0.00	19.76 0.56 0.00	19.68 0.54 0.00	20.78 0.57 0.00	22.23 0.81 0.00	22.10 0.95 0.00	25.82 1.18 0.00	26.90 1.26 0.00	26.57 1.24 0.00	27.84 1.30 0.00	28.94 1.38 0.00	29.83 1.42 0.00	30.88 1.39 0.00	32.91 1.57 0.00	36.74 1.72 0.00	44.31 2.11 0.00	40.54 1.86 0.00	35.20 1.42 0.00	33.68 1.33 0.00	31.00 1.25 0.00	28.89 1.22 0.00	25.25 1.02 0.00

ATHENS_STG_3 23677	24.37 0.94 0.00	20.81 0.68 0.00	20.69 0.62 0.00	19.76 0.56 0.00	19.68 0.54 0.00	20.78 0.57 0.00	22.23 0.81 0.00	22.10 0.95 0.00	25.82 1.18 0.00	26.90 1.26 0.00	26.57 1.24 0.00	27.84 1.30 0.00	28.94 1.38 0.00	29.83 1.42 0.00	30.88 1.39 0.00	32.91 1.57 0.00	36.74 1.72 0.00	44.31 2.11 0.00	40.54 1.86 0.00	35.20 1.42 0.00	33.68 1.33 0.00	31.00 1.25 0.00	28.89 1.22 0.00	25.25 1.02 0.00
AUBURN____LFGE 323710	24.04 0.61 0.00	20.51 0.38 0.00	20.37 0.30 0.00	19.49 0.29 0.00	19.43 0.29 0.00	20.58 0.36 0.00	21.80 0.39 0.00	21.53 0.38 0.00	25.03 0.39 0.00	26.03 0.38 0.00	25.74 0.41 0.00	27.01 0.48 0.00	28.00 0.44 0.00	30.03 0.45 -1.17	31.35 0.53 -1.32	33.46 0.50 -1.61	37.81 0.56 -2.23	46.28 0.68 -3.41	42.16 0.66 -2.82	36.59 0.78 -2.03	34.80 0.61 -1.84	31.80 0.65 -1.39	29.13 0.47 -0.99	25.14 0.41 -0.49
BABYLON_RES_REC 323704	26.22 2.44 -0.35	22.03 1.89 -0.01	21.67 1.61 0.00	20.60 1.40 0.00	20.45 1.30 0.00	21.63 1.41 0.00	23.19 1.78 0.00	23.27 2.11 0.00	27.60 2.83 -0.13	28.73 3.08 -0.01	30.39 2.91 -2.14	30.54 3.02 -0.98	30.88 3.17 -0.16	31.79 3.18 -0.20	32.81 3.19 -0.13	36.25 3.63 -1.27	41.27 4.24 -2.01	55.60 5.10 -8.30	49.94 4.41 -6.84	37.21 3.41 -0.02	35.56 3.20 -0.01	32.61 2.86 0.00	30.49 2.82 0.00	26.79 2.54 -0.02
BABYLON__69_KV_BK2 356345	26.57 2.79 -0.35	22.30 2.17 0.00	21.95 1.89 0.00	20.85 1.65 0.00	20.79 1.65 0.00	21.89 1.68 0.00	23.47 2.06 0.00	23.54 2.39 0.00	27.99 3.23 -0.13	29.11 3.46 -0.01	30.77 3.29 -2.14	30.96 3.45 -0.98	31.30 3.58 -0.16	32.25 3.64 -0.20	33.31 3.69 -0.13	36.82 4.20 -1.27	41.94 4.90 -2.01	62.76 5.91 -14.65	50.64 5.11 -6.85	37.85 4.05 -0.02	36.23 3.88 0.00	33.11 3.36 0.00	30.99 3.32 0.00	27.16 2.91 -0.02
BARON_WINDS____WT_PWR 323822	24.39 0.96 0.00	20.69 0.56 0.00	20.55 0.48 0.00	19.66 0.46 0.00	19.64 0.50 0.00	20.76 0.55 0.00	22.16 0.75 0.00	21.78 0.63 0.00	25.18 0.54 0.00	26.15 0.51 0.00	25.86 0.53 0.00	27.04 0.50 0.00	28.00 0.44 0.00	29.03 0.37 -0.26	30.29 0.50 -0.29	32.08 0.38 -0.35	36.07 0.56 -0.49	43.46 0.51 -0.75	39.81 0.50 -0.62	35.31 1.08 -0.45	33.69 0.94 -0.40	30.95 0.89 -0.31	28.55 0.66 -0.22	25.24 0.90 -0.11
BARRETT_IC_1 23704	25.82 2.04 -0.35	21.71 1.57 -0.01	21.39 1.32 0.00	20.33 1.13 0.00	20.26 1.11 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.29 2.51 -0.14	28.40 2.74 -0.01	30.09 2.61 -2.15	30.23 2.71 -0.99	30.53 2.81 -0.16	31.46 2.84 -0.21	32.37 2.74 -0.14	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.04 3.52 -6.84	36.47 2.67 -0.02	34.95 2.59 -0.01	32.20 2.44 -0.01	30.17 2.49 -0.01	26.48 2.23 -0.02
BARRETT_IC_10 23701	25.82 2.04 -0.35	21.71 1.57 -0.01	21.39 1.32 0.00	20.33 1.13 0.00	20.26 1.11 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.29 2.51 -0.14	28.40 2.74 -0.01	30.09 2.61 -2.15	30.23 2.71 -0.99	30.53 2.81 -0.16	31.46 2.84 -0.21	32.37 2.74 -0.14	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.04 3.52 -6.84	36.47 2.67 -0.02	34.95 2.59 -0.01	32.20 2.44 -0.01	30.17 2.49 -0.01	26.48 2.23 -0.02
BARRETT_IC_11 23702	25.82 2.04 -0.35	21.71 1.57 -0.01	21.39 1.32 0.00	20.33 1.13 0.00	20.26 1.11 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.29 2.51 -0.14	28.40 2.74 -0.01	30.09 2.61 -2.15	30.23 2.71 -0.99	30.53 2.81 -0.16	31.46 2.84 -0.21	32.37 2.74 -0.14	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.04 3.52 -6.84	36.47 2.67 -0.02	34.95 2.59 -0.01	32.20 2.44 -0.01	30.17 2.49 -0.01	26.48 2.23 -0.02
BARRETT_IC_12 23703	25.82 2.04 -0.35	21.71 1.57 -0.01	21.39 1.32 0.00	20.33 1.13 0.00	20.26 1.11 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.29 2.51 -0.14	28.40 2.74 -0.01	30.09 2.61 -2.15	30.23 2.71 -0.99	30.53 2.81 -0.16	31.46 2.84 -0.21	32.37 2.74 -0.14	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.04 3.52 -6.84	36.47 2.67 -0.02	34.95 2.59 -0.01	32.20 2.44 -0.01	30.17 2.49 -0.01	26.48 2.23 -0.02
BARRETT_IC_2 23705	25.82 2.04 -0.35	21.71 1.57 -0.01	21.39 1.32 0.00	20.33 1.13 0.00	20.26 1.11 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.29 2.51 -0.14	28.40 2.74 -0.01	30.09 2.61 -2.15	30.23 2.71 -0.99	30.53 2.81 -0.16	31.46 2.84 -0.21	32.37 2.74 -0.14	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.04 3.52 -6.84	36.47 2.67 -0.02	34.95 2.59 -0.01	32.20 2.44 -0.01	30.17 2.49 -0.01	26.48 2.23 -0.02
BARRETT_IC_3 23706	25.82 2.04 -0.35	21.71 1.57 -0.01	21.39 1.32 0.00	20.33 1.13 0.00	20.26 1.11 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.29 2.51 -0.14	28.40 2.74 -0.01	30.09 2.61 -2.15	30.23 2.71 -0.99	30.53 2.81 -0.16	31.46 2.84 -0.21	32.37 2.74 -0.14	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.04 3.52 -6.84	36.47 2.67 -0.02	34.95 2.59 -0.01	32.20 2.44 -0.01	30.17 2.49 -0.01	26.48 2.23 -0.02
BARRETT_IC_4 23707	25.82 2.04 -0.35	21.71 1.57 -0.01	21.39 1.32 0.00	20.33 1.13 0.00	20.26 1.11 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.29 2.51 -0.14	28.40 2.74 -0.01	30.09 2.61 -2.15	30.23 2.71 -0.99	30.53 2.81 -0.16	31.46 2.84 -0.21	32.37 2.74 -0.14	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.04 3.52 -6.84	36.47 2.67 -0.02	34.95 2.59 -0.01	32.20 2.44 -0.01	30.17 2.49 -0.01	26.48 2.23 -0.02
BARRETT_IC_5 23708	25.82 2.04 -0.35	21.71 1.57 -0.01	21.39 1.32 0.00	20.33 1.13 0.00	20.26 1.11 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.29 2.51 -0.14	28.40 2.74 -0.01	30.09 2.61 -2.15	30.23 2.71 -0.99	30.53 2.81 -0.16	31.46 2.84 -0.21	32.37 2.74 -0.14	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.04 3.52 -6.84	36.47 2.67 -0.02	34.95 2.59 -0.01	32.20 2.44 -0.01	30.17 2.49 -0.01	26.48 2.23 -0.02
BARRETT_IC_6 23709	25.82 2.04 -0.35	21.71 1.57 -0.01	21.39 1.32 0.00	20.33 1.13 0.00	20.26 1.11 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.29 2.51 -0.14	28.40 2.74 -0.01	30.09 2.61 -2.15	30.23 2.71 -0.99	30.53 2.81 -0.16	31.46 2.84 -0.21	32.37 2.74 -0.14	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.04 3.52 -6.84	36.47 2.67 -0.02	34.95 2.59 -0.01	32.20 2.44 -0.01	30.17 2.49 -0.01	26.48 2.23 -0.02
BARRETT_IC_7 23710	25.84 2.06 -0.35	21.68 1.55 0.00	21.39 1.32 0.00	20.33 1.13 0.00	20.28 1.13 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.30 2.54 -0.13	28.40 2.74 -0.01	30.08 2.61 -2.14	30.22 2.71 -0.98	30.53 2.81 -0.16	31.45 2.84 -0.20	32.37 2.74 -0.13	35.66 3.04 -1.27	40.47 3.43 -2.01	51.29 4.22 -4.87	49.04 3.52 -6.84	36.44 2.64 -0.02	35.07 2.72 0.00	32.19 2.44 0.00	30.24 2.57 0.00	26.48 2.23 -0.02

BARRETT_IC_8 23711	25.82 2.04 -0.35	21.71 1.57 -0.01	21.39 1.32 0.00	20.33 1.13 0.00	20.26 1.11 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.29 2.51 -0.14	28.40 2.74 -0.01	30.09 2.61 -2.15	30.23 2.71 -0.99	30.53 2.81 -0.16	31.46 2.84 -0.21	32.37 2.74 -0.14	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.04 3.52 -6.84	36.47 2.67 -0.02	34.95 2.59 -0.01	32.20 2.44 -0.01	30.17 2.49 -0.01	26.48 2.23 -0.02
BARRETT_IC_9 23700	25.82 2.04 -0.35	21.71 1.57 -0.01	21.39 1.32 0.00	20.33 1.13 0.00	20.26 1.11 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.29 2.51 -0.14	28.40 2.74 -0.01	30.09 2.61 -2.15	30.23 2.71 -0.99	30.53 2.81 -0.16	31.46 2.84 -0.21	32.37 2.74 -0.14	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.04 3.52 -6.84	36.47 2.67 -0.02	34.95 2.59 -0.01	32.20 2.44 -0.01	30.17 2.49 -0.01	26.48 2.23 -0.02
BARRETT___1 23545	25.82 2.04 -0.35	21.71 1.57 -0.01	21.39 1.32 0.00	20.33 1.13 0.00	20.26 1.11 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.29 2.51 -0.14	28.40 2.74 -0.01	30.09 2.61 -2.15	30.23 2.71 -0.99	30.53 2.81 -0.16	31.46 2.84 -0.21	32.37 2.74 -0.14	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.04 3.52 -6.84	36.47 2.67 -0.02	34.95 2.59 -0.01	32.20 2.44 -0.01	30.17 2.49 -0.01	26.48 2.23 -0.02
BARRETT___2 23546	25.82 2.04 -0.35	21.71 1.57 -0.01	21.39 1.32 0.00	20.33 1.13 0.00	20.26 1.11 0.00	21.36 1.15 0.00	22.95 1.54 0.00	23.03 1.88 0.00	27.29 2.51 -0.14	28.40 2.74 -0.01	30.09 2.61 -2.15	30.23 2.71 -0.99	30.53 2.81 -0.16	31.46 2.84 -0.21	32.37 2.74 -0.14	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.04 3.52 -6.84	36.47 2.67 -0.02	34.95 2.59 -0.01	32.20 2.44 -0.01	30.17 2.49 -0.01	26.48 2.23 -0.02
BATAVIA___115KV_TB1 55881	24.74 1.31 0.00	20.98 0.85 0.00	20.79 0.72 0.00	19.91 0.71 0.00	19.80 0.65 0.00	21.00 0.79 0.00	22.46 1.05 0.00	21.98 0.82 0.00	25.40 0.76 0.00	26.33 0.69 0.00	26.09 0.76 0.00	27.28 0.74 0.00	28.22 0.66 0.00	29.03 0.62 0.00	30.14 0.65 0.00	31.82 0.47 0.00	35.52 0.49 0.00	42.58 0.38 0.00	39.15 0.46 0.00	35.17 1.39 0.00	33.38 1.04 0.00	30.91 1.16 0.00	28.56 0.89 0.00	25.42 1.19 0.00
BAYONEEC___CTG1 323682	25.00 1.57 0.00	21.22 1.09 0.00	21.07 1.00 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.70 1.28 0.00	22.74 1.59 0.00	26.76 2.12 0.00	28.00 2.36 0.00	27.74 2.41 0.00	29.06 2.52 0.00	30.18 2.62 0.00	31.02 2.61 0.00	31.97 2.48 0.00	34.20 2.85 0.00	38.21 3.19 0.00	46.12 3.92 0.00	41.86 3.17 0.00	36.08 2.30 0.00	34.48 2.13 0.00	31.86 2.11 0.00	29.88 2.21 0.00	26.00 1.77 0.00
BAYONEEC___CTG10 323750	25.00 1.57 0.00	21.22 1.09 0.00	21.07 1.00 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.70 1.28 0.00	22.74 1.59 0.00	26.76 2.12 0.00	28.00 2.36 0.00	27.74 2.41 0.00	29.06 2.52 0.00	30.18 2.62 0.00	31.02 2.61 0.00	31.97 2.48 0.00	34.20 2.85 0.00	38.21 3.19 0.00	46.12 3.92 0.00	41.86 3.17 0.00	36.08 2.30 0.00	34.48 2.13 0.00	31.86 2.11 0.00	29.88 2.21 0.00	26.00 1.77 0.00
BAYONEEC___CTG2 323683	25.00 1.57 0.00	21.22 1.09 0.00	21.07 1.00 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.70 1.28 0.00	22.74 1.59 0.00	26.76 2.12 0.00	28.00 2.36 0.00	27.74 2.41 0.00	29.06 2.52 0.00	30.18 2.62 0.00	31.02 2.61 0.00	31.97 2.48 0.00	34.20 2.85 0.00	38.21 3.19 0.00	46.12 3.92 0.00	41.86 3.17 0.00	36.08 2.30 0.00	34.48 2.13 0.00	31.86 2.11 0.00	29.88 2.21 0.00	26.00 1.77 0.00
BAYONEEC___CTG3 323684	25.00 1.57 0.00	21.22 1.09 0.00	21.07 1.00 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.70 1.28 0.00	22.74 1.59 0.00	26.76 2.12 0.00	28.00 2.36 0.00	27.74 2.41 0.00	29.06 2.52 0.00	30.18 2.62 0.00	31.02 2.61 0.00	31.97 2.48 0.00	34.20 2.85 0.00	38.21 3.19 0.00	46.12 3.92 0.00	41.86 3.17 0.00	36.08 2.30 0.00	34.48 2.13 0.00	31.86 2.11 0.00	29.88 2.21 0.00	26.00 1.77 0.00
BAYONEEC___CTG4 323685	25.00 1.57 0.00	21.22 1.09 0.00	21.07 1.00 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.70 1.28 0.00	22.74 1.59 0.00	26.76 2.12 0.00	28.00 2.36 0.00	27.74 2.41 0.00	29.06 2.52 0.00	30.18 2.62 0.00	31.02 2.61 0.00	31.97 2.48 0.00	34.20 2.85 0.00	38.21 3.19 0.00	46.12 3.92 0.00	41.86 3.17 0.00	36.08 2.30 0.00	34.48 2.13 0.00	31.86 2.11 0.00	29.88 2.21 0.00	26.00 1.77 0.00
BAYONEEC___CTG5 323686	25.00 1.57 0.00	21.22 1.09 0.00	21.07 1.00 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.70 1.28 0.00	22.74 1.59 0.00	26.76 2.12 0.00	28.00 2.36 0.00	27.74 2.41 0.00	29.06 2.52 0.00	30.18 2.62 0.00	31.02 2.61 0.00	31.97 2.48 0.00	34.20 2.85 0.00	38.21 3.19 0.00	46.12 3.92 0.00	41.86 3.17 0.00	36.08 2.30 0.00	34.48 2.13 0.00	31.86 2.11 0.00	29.88 2.21 0.00	26.00 1.77 0.00
BAYONEEC___CTG6 323687	25.00 1.57 0.00	21.22 1.09 0.00	21.07 1.00 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.70 1.28 0.00	22.74 1.59 0.00	26.76 2.12 0.00	28.00 2.36 0.00	27.74 2.41 0.00	29.06 2.52 0.00	30.18 2.62 0.00	31.02 2.61 0.00	31.97 2.48 0.00	34.20 2.85 0.00	38.21 3.19 0.00	46.12 3.92 0.00	41.86 3.17 0.00	36.08 2.30 0.00	34.48 2.13 0.00	31.86 2.11 0.00	29.88 2.21 0.00	26.00 1.77 0.00
BAYONEEC___CTG7 323688	25.00 1.57 0.00	21.22 1.09 0.00	21.07 1.00 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.70 1.28 0.00	22.74 1.59 0.00	26.76 2.12 0.00	28.00 2.36 0.00	27.74 2.41 0.00	29.06 2.52 0.00	30.18 2.62 0.00	31.02 2.61 0.00	31.97 2.48 0.00	34.20 2.85 0.00	38.21 3.19 0.00	46.12 3.92 0.00	41.86 3.17 0.00	36.08 2.30 0.00	34.48 2.13 0.00	31.86 2.11 0.00	29.88 2.21 0.00	26.00 1.77 0.00
BAYONEEC___CTG8 323689	25.00 1.57 0.00	21.22 1.09 0.00	21.07 1.00 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.70 1.28 0.00	22.74 1.59 0.00	26.76 2.12 0.00	28.00 2.36 0.00	27.74 2.41 0.00	29.06 2.52 0.00	30.18 2.62 0.00	31.02 2.61 0.00	31.97 2.48 0.00	34.20 2.85 0.00	38.21 3.19 0.00	46.12 3.92 0.00	41.86 3.17 0.00	36.08 2.30 0.00	34.48 2.13 0.00	31.86 2.11 0.00	29.88 2.21 0.00	26.00 1.77 0.00
BAYONEEC___CTG9 323749	25.00 1.57 0.00	21.22 1.09 0.00	21.07 1.00 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.70 1.28 0.00	22.74 1.59 0.00	26.76 2.12 0.00	28.00 2.36 0.00	27.74 2.41 0.00	29.06 2.52 0.00	30.18 2.62 0.00	31.02 2.61 0.00	31.97 2.48 0.00	34.20 2.85 0.00	38.21 3.19 0.00	46.12 3.92 0.00	41.86 3.17 0.00	36.08 2.30 0.00	34.48 2.13 0.00	31.86 2.11 0.00	29.88 2.21 0.00	26.00 1.77 0.00

BEACON___LESR 323632	24.16 0.73 0.00	20.67 0.54 0.00	20.53 0.46 0.00	19.62 0.42 0.00	19.59 0.44 0.00	20.66 0.44 0.00	22.16 0.75 0.00	22.00 0.85 0.00	25.67 1.03 0.00	26.67 1.03 0.00	26.32 0.99 0.00	27.62 1.09 0.00	28.71 1.16 0.00	29.66 1.25 0.00	30.79 1.30 0.00	32.72 1.38 0.00	36.53 1.51 0.00	44.10 1.90 0.00	40.43 1.74 0.00	35.20 1.42 0.00	33.68 1.33 0.00	30.94 1.19 0.00	28.78 1.11 0.00	25.15 0.92 0.00
BEAVER RIVER___HYD 24048	23.71 0.28 0.00	20.35 0.22 0.00	20.27 0.20 0.00	19.43 0.23 0.00	19.34 0.19 0.00	20.46 0.24 0.00	21.73 0.32 0.00	21.43 0.27 0.00	24.96 0.32 0.00	25.87 0.23 0.00	25.48 0.15 0.00	26.75 0.21 0.00	27.75 0.19 0.00	29.04 0.00 -0.63	30.27 0.06 -0.71	32.19 -0.03 -0.87	36.16 -0.07 -1.21	44.09 0.04 -1.85	40.52 0.31 -1.53	35.36 0.47 -1.10	34.02 0.68 -0.99	31.13 0.63 -0.75	28.73 0.52 -0.54	24.91 0.41 -0.27
BEEBEE_GT_13 23619	24.23 0.80 0.00	20.61 0.48 0.00	20.43 0.36 0.00	19.56 0.36 0.00	19.47 0.33 0.00	20.62 0.40 0.00	21.95 0.54 0.00	21.60 0.44 0.00	25.01 0.37 0.00	26.00 0.36 0.00	25.76 0.43 0.00	26.99 0.45 0.00	27.94 0.39 0.00	28.75 0.34 0.00	29.88 0.38 0.00	31.57 0.22 0.00	35.27 0.25 0.00	42.32 0.13 0.00	38.84 0.15 0.00	34.60 0.81 0.00	32.90 0.55 0.00	30.37 0.62 0.00	28.11 0.44 0.00	24.89 0.65 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.33 1.90 0.00	21.36 1.23 0.00	21.25 1.18 0.00	20.20 1.00 0.00	20.16 1.01 0.00	21.16 0.95 0.00	22.72 1.31 0.00	22.84 1.69 0.00	27.00 2.37 0.00	28.28 2.64 0.00	28.10 2.76 -0.01	29.46 2.92 -0.01	30.59 3.03 0.00	31.51 3.10 0.00	32.41 2.92 0.00	34.79 3.45 0.00	38.67 3.64 0.00	46.75 4.56 0.00	42.36 3.68 0.00	36.35 2.57 0.00	34.97 2.62 0.00	32.16 2.41 0.00	30.30 2.63 0.00	26.19 1.96 0.00
BETHLEHEM___GRP 23843	23.85 0.42 0.00	20.41 0.28 0.00	20.29 0.22 0.00	19.37 0.17 0.00	19.38 0.23 0.00	20.39 0.18 0.00	21.86 0.45 0.00	21.70 0.55 0.00	25.30 0.67 0.00	26.28 0.64 0.00	25.96 0.63 0.00	27.23 0.69 0.00	28.30 0.74 0.00	29.20 0.80 0.00	30.29 0.80 0.00	32.22 0.88 0.00	35.94 0.91 0.00	43.38 1.18 0.00	39.73 1.04 0.00	34.60 0.81 0.00	33.16 0.81 0.00	30.40 0.65 0.00	28.31 0.64 0.00	24.76 0.53 0.00
BETHLEHEM___GS1 323560	23.85 0.42 0.00	20.41 0.28 0.00	20.29 0.22 0.00	19.37 0.17 0.00	19.34 0.19 0.00	20.39 0.18 0.00	21.86 0.45 0.00	21.70 0.55 0.00	25.30 0.67 0.00	26.28 0.64 0.00	25.96 0.63 0.00	27.23 0.69 0.00	28.30 0.74 0.00	29.20 0.79 0.00	30.29 0.80 0.00	32.22 0.88 0.00	35.94 0.91 0.00	43.34 1.14 0.00	39.77 1.08 0.00	34.56 0.78 0.00	33.09 0.74 0.00	30.40 0.65 0.00	28.31 0.64 0.00	24.76 0.53 0.00
BETHLEHEM___GS2 323561	23.85 0.42 0.00	20.41 0.28 0.00	20.29 0.22 0.00	19.37 0.17 0.00	19.34 0.19 0.00	20.39 0.18 0.00	21.86 0.45 0.00	21.70 0.55 0.00	25.30 0.67 0.00	26.28 0.64 0.00	25.96 0.63 0.00	27.23 0.69 0.00	28.30 0.74 0.00	29.20 0.79 0.00	30.29 0.80 0.00	32.22 0.88 0.00	35.94 0.91 0.00	43.34 1.14 0.00	39.77 1.08 0.00	34.56 0.78 0.00	33.09 0.74 0.00	30.40 0.65 0.00	28.31 0.64 0.00	24.76 0.53 0.00
BETHLEHEM___GS3 323562	23.85 0.42 0.00	20.41 0.28 0.00	20.29 0.22 0.00	19.37 0.17 0.00	19.34 0.19 0.00	20.39 0.18 0.00	21.86 0.45 0.00	21.70 0.55 0.00	25.30 0.67 0.00	26.28 0.64 0.00	25.96 0.63 0.00	27.23 0.69 0.00	28.30 0.74 0.00	29.20 0.79 0.00	30.29 0.80 0.00	32.22 0.88 0.00	35.94 0.91 0.00	43.34 1.14 0.00	39.77 1.08 0.00	34.56 0.78 0.00	33.09 0.74 0.00	30.40 0.65 0.00	28.31 0.64 0.00	24.76 0.53 0.00
BETHLEHEM___STEEL 23779	24.55 1.12 0.00	20.83 0.70 0.00	20.65 0.58 0.00	19.75 0.56 0.00	19.66 0.52 0.00	20.86 0.65 0.00	22.25 0.84 0.00	21.74 0.59 0.00	25.10 0.47 0.00	26.05 0.41 0.00	25.84 0.51 0.00	27.01 0.48 0.00	27.94 0.39 0.00	28.78 0.37 0.00	29.91 0.41 0.00	31.53 0.19 0.00	35.27 0.25 0.00	42.11 -0.08 0.00	38.68 0.00 0.00	34.70 0.91 0.00	32.87 0.52 0.00	30.52 0.77 0.00	28.14 0.47 0.00	25.18 0.95 0.00
BETHLHEM_115KV_TB1 79974	23.92 0.49 0.00	20.47 0.34 0.00	20.35 0.28 0.00	19.45 0.25 0.00	19.41 0.27 0.00	20.45 0.24 0.00	21.93 0.51 0.00	21.74 0.59 0.00	25.38 0.74 0.00	26.36 0.72 0.00	26.04 0.71 0.00	27.31 0.77 0.00	28.38 0.83 0.00	29.29 0.88 0.00	30.38 0.88 0.00	32.32 0.97 0.00	36.04 1.02 0.00	43.51 1.31 0.00	39.85 1.16 0.00	34.66 0.88 0.00	33.25 0.91 0.00	30.49 0.74 0.00	28.39 0.72 0.00	24.84 0.61 0.00
BETHPAGE_CC_5 323564	26.03 2.25 -0.35	21.91 1.77 -0.01	21.57 1.51 0.00	20.50 1.31 0.00	20.39 1.24 0.00	21.52 1.31 0.00	23.13 1.71 0.00	23.20 2.05 0.00	27.48 2.71 -0.13	28.63 2.97 -0.01	30.34 2.86 -2.14	30.46 2.95 -0.98	30.80 3.09 -0.16	31.74 3.13 -0.20	32.69 3.07 -0.13	36.13 3.51 -1.27	41.06 4.03 -2.01	53.60 4.89 -6.51	49.70 4.18 -6.84	37.01 3.21 -0.02	35.37 3.01 -0.01	32.46 2.71 0.00	30.35 2.68 0.00	26.67 2.42 -0.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.58 1.15 0.00	20.85 0.72 0.00	20.67 0.60 0.00	19.77 0.58 0.00	19.68 0.54 0.00	20.88 0.67 0.00	22.27 0.86 0.00	21.79 0.63 0.00	25.15 0.52 0.00	26.13 0.49 0.00	25.91 0.58 0.00	27.09 0.56 0.00	28.03 0.47 0.00	28.84 0.43 0.00	29.97 0.47 0.00	31.63 0.28 0.00	35.38 0.35 0.00	42.24 0.04 0.00	38.80 0.12 0.00	34.80 1.01 0.00	32.93 0.58 0.00	30.58 0.83 0.00	28.20 0.53 0.00	25.22 0.99 0.00
BINGHAMTON___COGEN 23790	23.97 0.54 0.00	20.47 0.34 0.00	20.33 0.26 0.00	19.45 0.25 0.00	19.38 0.23 0.00	20.49 0.28 0.00	21.88 0.47 0.00	21.60 0.44 0.00	25.08 0.44 0.00	26.08 0.44 0.00	25.79 0.46 0.00	27.01 0.48 0.00	28.03 0.47 0.00	29.35 0.45 -0.49	30.61 0.56 -0.55	32.55 0.53 -0.67	36.65 0.70 -0.93	44.38 0.76 -1.42	40.52 0.66 -1.18	35.41 0.78 -0.85	33.73 0.61 -0.77	30.96 0.62 -0.58	28.58 0.50 -0.41	24.99 0.56 -0.21
BIXINCNT_115KV_LOAD 355685	24.55 1.12 0.00	20.85 0.72 0.00	20.67 0.60 0.00	19.77 0.58 0.00	19.68 0.54 0.00	20.88 0.67 0.00	22.33 0.92 0.00	21.83 0.68 0.00	25.25 0.62 0.00	26.18 0.54 0.00	25.89 0.56 0.00	27.01 0.48 0.00	27.86 0.30 0.00	28.61 0.20 0.00	29.73 0.24 0.00	31.38 0.03 0.00	35.17 0.14 0.00	42.07 -0.13 0.00	38.84 0.15 0.00	34.83 1.05 0.00	33.03 0.68 0.00	30.64 0.89 0.00	28.22 0.55 0.00	25.30 1.07 0.00
BLACK RIVER___HYD 24047	23.94 0.51 0.00	20.49 0.36 0.00	20.39 0.32 0.00	19.56 0.36 0.00	19.47 0.33 0.00	20.59 0.38 0.00	21.93 0.51 0.00	21.68 0.53 0.00	25.30 0.67 0.00	26.26 0.61 0.00	25.86 0.53 0.00	27.17 0.64 0.00	28.16 0.61 0.00	29.76 0.28 -1.07	31.06 0.36 -1.21	33.05 0.22 -1.48	37.24 0.18 -2.04	45.75 0.42 -3.13	41.97 0.70 -2.59	36.60 0.94 -1.87	35.26 1.23 -1.69	32.13 1.10 -1.28	29.44 0.86 -0.91	25.34 0.65 -0.45

BLACKRVR_115KV_TB2 79977	23.94 0.52 0.00	20.49 0.36 0.00	20.39 0.32 0.00	19.56 0.36 0.00	19.45 0.31 0.00	20.60 0.38 0.00	21.93 0.51 0.00	21.68 0.53 0.00	25.30 0.67 0.00	26.26 0.62 0.00	25.86 0.53 0.00	27.17 0.64 0.00	28.16 0.61 0.00	29.79 0.31 -1.07	31.06 0.35 -1.21	33.05 0.22 -1.48	37.25 0.18 -2.05	45.75 0.42 -3.14	41.97 0.70 -2.59	36.60 0.95 -1.87	35.17 1.13 -1.69	32.13 1.10 -1.28	29.44 0.86 -0.91	25.34 0.65 -0.45
BLISS_WT_PWR 323608	24.58 1.15 0.00	20.83 0.70 0.00	20.69 0.62 0.00	19.77 0.58 0.00	19.74 0.59 0.00	20.90 0.69 0.00	22.31 0.90 0.00	21.81 0.66 0.00	25.23 0.59 0.00	26.15 0.51 0.00	25.84 0.51 0.00	26.93 0.40 0.00	27.78 0.22 0.00	28.47 0.06 0.00	29.61 0.12 0.00	31.25 -0.09 0.00	35.06 0.04 0.00	42.03 -0.17 0.00	38.76 0.08 0.00	34.83 1.05 0.00	33.29 0.94 0.00	30.61 0.86 0.00	28.22 0.55 0.00	25.27 1.04 0.00
BLUE_CIRC_CHEM_DRP 24182	24.23 0.80 0.00	20.75 0.62 0.00	20.63 0.56 0.00	19.72 0.52 0.00	19.68 0.54 0.00	20.74 0.53 0.00	22.18 0.77 0.00	22.02 0.87 0.00	25.65 1.01 0.00	26.67 1.03 0.00	26.29 0.96 0.00	27.57 1.03 0.00	28.69 1.13 0.00	29.57 1.16 0.00	30.70 1.21 0.00	32.63 1.29 0.00	36.43 1.40 0.00	43.93 1.73 0.00	40.27 1.59 0.00	35.10 1.32 0.00	33.67 1.33 0.00	30.88 1.13 0.00	28.75 1.08 0.00	25.15 0.92 0.00
BOC_GAS_DRP 24189	24.11 0.68 0.00	20.63 0.50 0.00	20.51 0.44 0.00	19.60 0.40 0.00	19.57 0.42 0.00	20.62 0.40 0.00	22.05 0.64 0.00	21.89 0.74 0.00	25.55 0.91 0.00	26.56 0.92 0.00	26.24 0.91 0.00	27.52 0.98 0.00	28.60 1.05 0.00	29.49 1.08 0.00	30.56 1.06 0.00	32.54 1.19 0.00	36.32 1.30 0.00	43.80 1.60 0.00	40.08 1.39 0.00	34.87 1.08 0.00	33.45 1.10 0.00	30.67 0.92 0.00	28.58 0.91 0.00	25.01 0.78 0.00
BOONVILLE_115KV_TB1 79983	23.87 0.45 0.00	20.45 0.32 0.00	20.37 0.30 0.00	19.51 0.31 0.00	19.41 0.27 0.00	20.56 0.34 0.00	21.90 0.49 0.00	21.68 0.53 0.00	25.25 0.62 0.00	26.23 0.59 0.00	25.86 0.53 0.00	27.15 0.61 0.00	28.16 0.61 0.00	29.25 0.54 -0.30	30.46 0.62 -0.34	32.36 0.60 -0.42	36.23 0.63 -0.58	43.92 0.84 -0.88	40.34 0.93 -0.73	35.26 0.95 -0.53	33.83 1.00 -0.47	31.03 0.92 -0.36	28.70 0.77 -0.26	24.96 0.61 -0.13
BORALEX_4TH_BRANCH 23824	24.67 1.24 0.00	21.14 1.01 0.00	20.99 0.92 0.00	20.06 0.86 0.00	20.03 0.88 0.00	21.12 0.91 0.00	22.44 1.03 0.00	22.27 1.12 0.00	26.02 1.38 0.00	26.95 1.31 0.00	26.60 1.27 0.00	27.89 1.35 0.00	28.96 1.40 0.00	29.91 1.50 0.00	31.00 1.50 0.00	33.01 1.66 0.00	36.81 1.79 0.00	44.69 2.49 0.00	41.12 2.44 0.00	35.74 1.96 0.00	34.16 1.81 0.00	31.38 1.64 0.00	29.19 1.52 0.00	25.61 1.38 0.00
BOWLINE___1 23526	24.76 1.33 0.00	21.08 0.95 0.00	20.93 0.86 0.00	19.97 0.77 0.00	19.91 0.77 0.00	20.98 0.77 0.00	22.52 1.11 0.00	22.51 1.35 0.00	26.41 1.77 0.00	27.59 1.95 0.00	27.31 1.98 0.00	28.61 2.07 0.00	29.76 2.21 0.00	30.65 2.24 0.00	31.71 2.21 0.00	33.85 2.51 0.00	37.90 2.87 0.00	45.66 3.46 0.00	41.55 2.86 0.00	35.91 2.13 0.00	34.32 1.97 0.00	31.59 1.85 0.00	29.55 1.88 0.00	25.76 1.53 0.00
BOWLINE___2 23595	24.76 1.33 0.00	21.10 0.97 0.00	20.93 0.86 0.00	19.97 0.77 0.00	19.91 0.77 0.00	20.98 0.77 0.00	22.52 1.11 0.00	22.51 1.35 0.00	26.41 1.77 0.00	27.59 1.95 0.00	27.31 1.98 0.00	28.63 2.10 0.00	29.76 2.21 0.00	30.65 2.24 0.00	31.71 2.21 0.00	33.85 2.51 0.00	37.90 2.87 0.00	45.66 3.46 0.00	41.55 2.86 0.00	35.95 2.16 0.00	34.32 1.97 0.00	31.59 1.85 0.00	29.55 1.88 0.00	25.76 1.53 0.00
BRADY___115KV_TB2 356060	23.08 -0.35 0.00	19.99 -0.14 0.00	20.03 -0.04 0.00	19.20 0.00 0.00	19.13 -0.02 0.00	20.19 -0.02 0.00	21.16 -0.26 0.00	20.69 -0.47 0.00	24.00 -0.64 0.00	24.95 -0.69 0.00	24.62 -0.71 0.00	25.79 -0.74 0.00	26.81 -0.74 0.00	27.64 -0.77 0.00	28.79 -0.71 0.00	30.56 -0.78 0.00	34.08 -0.95 0.00	41.02 -1.18 0.00	37.76 -0.93 0.00	33.04 -0.74 0.00	31.73 -0.61 0.00	29.21 -0.54 0.00	27.23 -0.44 0.00	23.89 -0.34 0.00
BRANSCOMB___SOLAR 323811	24.58 1.15 0.00	21.04 0.91 0.00	20.91 0.84 0.00	19.97 0.77 0.00	19.89 0.75 0.00	21.04 0.83 0.00	22.42 1.01 0.00	22.25 1.10 0.00	25.92 1.28 0.00	26.92 1.28 0.00	26.47 1.14 0.00	27.78 1.25 0.00	28.83 1.27 0.00	29.74 1.34 0.00	30.91 1.42 0.00	32.79 1.44 0.00	36.60 1.58 0.00	44.31 2.11 0.00	40.89 2.20 0.00	35.78 1.99 0.00	34.29 1.94 0.00	31.53 1.78 0.00	29.27 1.60 0.00	25.56 1.33 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	26.48 2.69 -0.35	22.22 2.09 0.00	21.87 1.81 0.00	20.79 1.59 0.00	20.73 1.59 0.00	21.83 1.62 0.00	23.38 1.97 0.00	23.44 2.28 0.00	27.87 3.10 -0.13	28.96 3.31 -0.01	30.59 3.12 -2.14	30.75 3.24 -0.98	31.08 3.36 -0.16	31.99 3.38 -0.20	33.05 3.42 -0.13	36.51 3.89 -1.27	41.59 4.55 -2.01	73.84 5.40 -26.24	50.18 4.64 -6.85	37.52 3.72 -0.02	35.91 3.56 0.00	32.81 3.06 0.00	30.74 3.07 0.00	26.99 2.74 -0.02
BRISTLHL_115KV_TB1 79998	23.31 -0.12 0.00	19.95 -0.18 0.00	19.83 -0.24 0.00	18.99 -0.21 0.00	18.94 -0.21 0.00	19.99 -0.22 0.00	21.28 -0.13 0.00	20.98 -0.17 0.00	24.88 0.25 0.00	25.92 0.28 0.00	25.61 0.28 0.00	26.83 0.29 0.00	27.86 0.30 0.00	30.42 -0.34 -2.35	31.83 -0.32 -2.66	34.18 -0.41 -3.25	39.09 -0.42 -4.48	48.52 -0.55 -6.87	43.90 -0.46 -5.68	37.61 -0.27 -4.10	35.72 -0.32 -3.70	32.35 -0.21 -2.81	29.39 -0.28 -1.99	25.03 -0.19 -0.99
BROOKHAVEN___DRP 24191	26.62 2.83 -0.35	22.34 2.21 0.00	21.99 1.93 0.00	20.91 1.71 0.00	20.85 1.70 0.00	21.91 1.70 0.00	23.30 1.88 0.00	23.24 2.09 0.00	27.82 3.05 -0.13	28.78 3.13 -0.01	30.29 2.81 -2.14	30.43 2.92 -0.98	30.75 3.03 -0.16	31.68 3.07 -0.20	32.75 3.13 -0.13	36.26 3.64 -1.27	41.31 4.27 -2.01	69.38 5.19 -21.99	50.05 4.45 -6.92	37.28 3.48 -0.02	35.65 3.30 0.00	32.52 2.77 0.00	30.46 2.79 0.00	26.74 2.50 -0.02
BROOKLYN_NAVY_YARD 23515	24.97 1.55 0.00	21.18 1.05 0.00	21.05 0.98 0.00	20.04 0.84 0.00	19.99 0.84 0.00	21.06 0.85 0.00	22.65 1.24 0.00	22.72 1.57 0.00	26.73 2.09 0.00	28.00 2.36 0.00	27.69 2.36 0.00	29.03 2.49 0.00	30.12 2.56 0.00	30.99 2.58 0.00	31.94 2.45 0.00	34.20 2.85 0.00	38.18 3.15 0.00	46.08 3.88 0.00	41.86 3.17 0.00	36.05 2.26 0.00	34.45 2.10 0.00	31.80 2.05 0.00	29.88 2.21 0.00	25.95 1.72 0.00
BROOKLYN___ARMY_DRP 323595	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.88 2.24 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.42 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.50 4.30 0.00	42.13 3.44 0.00	36.15 2.36 0.00	34.77 2.43 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.10 1.87 0.00



BROOKVLE_69_KV_TB1 55790	25.84 2.06 -0.35	21.70 1.57 0.00	21.43 1.36 0.00	20.41 1.21 0.00	20.35 1.21 0.00	21.42 1.21 0.00	23.02 1.61 0.00	23.10 1.95 0.00	27.35 2.59 -0.13	28.50 2.85 -0.01	30.31 2.84 -2.14	30.51 3.00 -0.98	30.83 3.11 -0.16	31.79 3.18 -0.20	32.78 3.16 -0.13	36.19 3.57 -1.27	40.96 3.92 -2.01	51.84 4.77 -4.87	49.55 4.02 -6.84	36.98 3.18 -0.02	35.45 3.11 0.00	32.49 2.74 0.00	30.38 2.71 0.00	26.53 2.28 -0.02
BROOME_2_LFGE 323671	23.99 0.56 0.00	20.45 0.32 0.00	20.33 0.26 0.00	19.45 0.25 0.00	19.39 0.25 0.00	20.49 0.28 0.00	21.88 0.47 0.00	21.60 0.44 0.00	25.08 0.44 0.00	26.08 0.44 0.00	25.79 0.46 0.00	27.01 0.48 0.00	28.03 0.47 0.00	29.35 0.45 -0.49	30.60 0.56 -0.55	32.55 0.53 -0.67	36.65 0.70 -0.93	44.38 0.76 -1.42	40.52 0.66 -1.18	35.44 0.81 -0.85	33.79 0.68 -0.77	30.96 0.63 -0.58	28.58 0.50 -0.41	25.00 0.56 -0.21
BROOME___LFGE 323600	23.99 0.56 0.00	20.45 0.32 0.00	20.33 0.26 0.00	19.45 0.25 0.00	19.39 0.25 0.00	20.49 0.28 0.00	21.88 0.47 0.00	21.60 0.44 0.00	25.08 0.44 0.00	26.08 0.44 0.00	25.79 0.46 0.00	27.01 0.48 0.00	28.03 0.47 0.00	29.35 0.45 -0.49	30.60 0.56 -0.55	32.55 0.53 -0.67	36.65 0.70 -0.93	44.38 0.76 -1.42	40.52 0.66 -1.18	35.44 0.81 -0.85	33.79 0.68 -0.77	30.96 0.63 -0.58	28.58 0.50 -0.41	25.00 0.56 -0.21
BROWNFLS_115KV_TB_3_5 80003	23.33 -0.09 0.00	20.09 -0.04 0.00	20.07 0.00 0.00	19.24 0.04 0.00	19.15 0.00 0.00	20.23 0.02 0.00	21.37 -0.04 0.00	20.96 -0.19 0.00	24.37 -0.27 0.00	25.26 -0.38 0.00	24.90 -0.43 0.00	26.11 -0.42 0.00	27.09 -0.47 0.00	28.28 -0.57 -0.44	29.43 -0.56 -0.49	31.29 -0.66 -0.60	35.05 -0.81 -0.83	42.59 -0.89 -1.27	39.12 -0.62 -1.05	34.14 -0.41 -0.76	32.78 -0.26 -0.69	30.12 -0.15 -0.52	27.98 -0.06 -0.37	24.39 -0.02 -0.18
BROWNSV1_27_KV_LOAD 356125	25.26 1.83 0.00	21.40 1.27 0.00	21.27 1.20 0.00	20.25 1.06 0.00	20.22 1.07 0.00	21.28 1.07 0.00	22.87 1.46 0.00	22.95 1.80 0.00	27.03 2.39 0.00	28.28 2.64 0.00	28.01 2.68 0.00	29.35 2.81 0.00	30.48 2.92 0.00	31.36 2.95 0.00	32.30 2.80 0.00	34.57 3.23 0.00	38.63 3.61 0.00	46.67 4.47 0.00	42.36 3.68 0.00	36.49 2.70 0.00	35.00 2.65 0.00	32.19 2.44 0.00	30.22 2.55 0.00	26.22 1.99 0.00
BURROWS___LYONSDAL 23803	23.85 0.42 0.00	20.43 0.30 0.00	20.35 0.28 0.00	19.51 0.31 0.00	19.41 0.27 0.00	20.54 0.32 0.00	21.88 0.47 0.00	21.64 0.49 0.00	25.20 0.57 0.00	26.15 0.51 0.00	25.79 0.46 0.00	27.07 0.53 0.00	28.08 0.52 0.00	29.23 0.45 -0.37	30.41 0.50 -0.42	32.32 0.47 -0.51	36.25 0.53 -0.70	43.99 0.72 -1.07	40.38 0.81 -0.89	35.30 0.88 -0.64	33.86 0.94 -0.58	31.08 0.89 -0.44	28.70 0.72 -0.31	24.97 0.58 -0.16
CAITHNESS_CC_1 323624	26.52 2.74 -0.35	22.27 2.13 -0.01	21.91 1.84 0.00	20.83 1.63 0.00	20.64 1.49 0.00	21.83 1.62 0.00	23.25 1.84 0.00	23.22 2.07 0.00	27.72 2.96 -0.13	28.73 3.08 -0.01	30.26 2.79 -2.14	30.38 2.87 -0.98	30.72 3.00 -0.16	31.62 3.01 -0.20	32.69 3.07 -0.13	36.19 3.57 -1.27	41.24 4.20 -2.01	69.13 5.02 -21.92	49.93 4.33 -6.92	37.18 3.38 -0.02	35.46 3.11 -0.01	32.46 2.71 0.00	30.33 2.66 0.00	26.72 2.47 -0.02
CALPINE BETH_PAGE_GT4 24209	25.98 2.20 -0.35	21.86 1.73 0.00	21.55 1.48 0.00	20.48 1.29 0.00	20.43 1.28 0.00	21.51 1.29 0.00	23.10 1.69 0.00	23.18 2.03 0.00	27.45 2.69 -0.13	28.60 2.95 -0.01	30.31 2.84 -2.14	30.38 2.87 -0.98	30.69 2.98 -0.16	31.65 3.04 -0.20	32.60 2.98 -0.13	36.04 3.42 -1.27	40.93 3.89 -2.01	53.02 4.77 -6.06	49.55 4.02 -6.84	36.87 3.07 -0.02	35.36 3.01 0.00	32.37 2.62 0.00	30.44 2.77 0.00	26.65 2.40 -0.02
CALPINE_BETH_PAGE_GT_4 323586	25.98 2.20 -0.35	21.89 1.75 -0.01	21.55 1.48 0.00	20.48 1.29 0.00	20.37 1.23 0.00	21.52 1.31 0.00	23.10 1.69 0.00	23.18 2.03 0.00	27.43 2.66 -0.13	28.60 2.95 -0.01	30.31 2.84 -2.14	30.38 2.87 -0.98	30.72 3.00 -0.16	31.65 3.04 -0.20	32.60 2.98 -0.13	36.04 3.42 -1.27	40.93 3.89 -2.01	53.02 4.77 -6.06	49.58 4.06 -6.84	36.91 3.11 -0.02	35.23 2.88 -0.01	32.37 2.62 0.00	30.27 2.60 0.00	26.65 2.40 -0.02
CALPINE_BP_GT1 23823	25.98 2.20 -0.35	21.89 1.75 -0.01	21.55 1.48 0.00	20.48 1.29 0.00	20.37 1.23 0.00	21.52 1.31 0.00	23.10 1.69 0.00	23.18 2.03 0.00	27.43 2.66 -0.13	28.60 2.95 -0.01	30.31 2.84 -2.14	30.38 2.87 -0.98	30.72 3.00 -0.16	31.65 3.04 -0.20	32.60 2.98 -0.13	36.04 3.42 -1.27	40.93 3.89 -2.01	53.02 4.77 -6.06	49.58 4.06 -6.84	36.91 3.11 -0.02	35.23 2.88 -0.01	32.37 2.62 0.00	30.27 2.60 0.00	26.65 2.40 -0.02
CALSPAN___DRP 24200	24.55 1.12 0.00	20.83 0.70 0.00	20.65 0.58 0.00	19.75 0.56 0.00	19.66 0.52 0.00	20.86 0.65 0.00	22.25 0.84 0.00	21.74 0.59 0.00	25.10 0.47 0.00	26.05 0.41 0.00	25.84 0.51 0.00	27.01 0.48 0.00	27.94 0.39 0.00	28.78 0.37 0.00	29.91 0.41 0.00	31.53 0.19 0.00	35.27 0.25 0.00	42.11 -0.08 0.00	38.68 0.00 0.00	34.70 0.91 0.00	32.87 0.52 0.00	30.52 0.77 0.00	28.14 0.47 0.00	25.18 0.95 0.00
CALVERTON___SOLAR 323806	26.76 2.98 -0.35	22.47 2.33 -0.01	22.09 2.03 0.00	21.00 1.80 0.00	20.79 1.65 0.00	22.01 1.80 0.00	23.38 1.97 0.00	23.29 2.14 0.00	27.90 3.13 -0.13	28.86 3.20 -0.01	30.36 2.89 -2.14	30.51 3.00 -0.98	30.85 3.14 -0.16	31.79 3.18 -0.20	32.87 3.24 -0.13	36.38 3.76 -1.27	41.49 4.45 -2.01	69.57 5.36 -22.02	50.24 4.64 -6.92	37.45 3.65 -0.02	35.72 3.36 -0.01	32.67 2.92 0.00	30.46 2.79 0.00	26.82 2.57 -0.02
CANDIGU_WT_PWR 323617	24.39 0.96 0.00	20.69 0.56 0.00	20.55 0.48 0.00	19.66 0.46 0.00	19.64 0.50 0.00	20.76 0.55 0.00	22.16 0.75 0.00	21.78 0.63 0.00	25.18 0.54 0.00	26.15 0.51 0.00	25.86 0.53 0.00	27.04 0.50 0.00	28.00 0.44 0.00	29.03 0.37 -0.26	30.29 0.50 -0.29	32.08 0.38 -0.35	36.07 0.56 -0.49	43.46 0.51 -0.75	39.81 0.50 -0.62	35.31 1.08 -0.45	33.69 0.94 -0.40	30.95 0.89 -0.31	28.55 0.66 -0.22	25.24 0.90 -0.11
CARR STREET_E._SYR 24060	23.45 0.02 0.00	20.05 -0.08 0.00	19.93 -0.14 0.00	19.08 -0.11 0.00	19.03 -0.11 0.00	20.09 -0.12 0.00	21.41 0.00 0.00	21.11 -0.04 0.00	24.56 -0.07 0.00	25.56 -0.08 0.00	25.20 -0.13 0.00	26.35 -0.18 0.00	27.34 -0.22 0.00	28.85 -0.26 -0.70	30.08 -0.21 -0.79	32.03 -0.28 -0.97	36.04 -0.32 -1.33	43.82 -0.42 -2.05	39.99 -0.39 -1.69	34.84 -0.17 -1.22	33.29 -0.16 -1.10	30.41 -0.18 -0.84	28.01 -0.25 -0.59	24.33 -0.19 -0.30
CARTHAGE___PAPER 23857	23.80 0.37 0.00	20.39 0.26 0.00	20.33 0.26 0.00	19.49 0.29 0.00	19.38 0.23 0.00	20.52 0.30 0.00	21.80 0.39 0.00	21.51 0.36 0.00	25.05 0.42 0.00	25.97 0.33 0.00	25.58 0.25 0.00	26.86 0.32 0.00	27.83 0.28 0.00	29.37 0.06 -0.90	30.63 0.12 -1.02	32.62 0.03 -1.24	36.74 0.00 -1.72	45.00 0.17 -2.64	41.33 0.47 -2.18	36.03 0.68 -1.57	34.67 0.90 -1.42	31.66 0.83 -1.08	29.10 0.66 -0.76	25.12 0.51 -0.38

CASSADAGA_WT_PWR 323784	24.86 1.43 0.00	21.06 0.93 0.00	20.91 0.84 0.00	20.00 0.81 0.00	19.99 0.84 0.00	21.16 0.95 0.00	22.59 1.18 0.00	22.21 1.06 0.00	25.60 0.96 0.00	26.62 0.97 0.00	26.37 1.04 0.00	27.52 0.98 0.00	28.38 0.83 0.00	29.15 0.74 0.00	30.29 0.80 0.00	31.94 0.59 0.00	35.76 0.74 0.00	42.87 0.67 0.00	39.38 0.70 0.00	35.34 1.55 0.00	33.77 1.42 0.00	31.12 1.37 0.00	28.75 1.08 0.00	25.61 1.38 0.00
CE_DUNWOOD___DRP 24194	24.93 1.50 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.06 0.86 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.65 1.24 0.00	22.65 1.50 0.00	26.61 1.97 0.00	27.80 2.15 0.00	27.51 2.18 0.00	28.84 2.31 0.00	29.98 2.43 0.00	30.88 2.47 0.00	31.88 2.39 0.00	34.07 2.73 0.00	38.07 3.05 0.00	45.95 3.76 0.00	41.78 3.09 0.00	36.12 2.33 0.00	34.61 2.26 0.00	31.80 2.05 0.00	29.74 2.08 0.00	25.90 1.67 0.00
CE_MILLWOOD___DRP 24193	24.86 1.43 0.00	21.16 1.03 0.00	21.01 0.94 0.00	20.04 0.84 0.00	19.99 0.84 0.00	21.04 0.83 0.00	22.59 1.18 0.00	22.59 1.44 0.00	26.53 1.90 0.00	27.72 2.08 0.00	27.43 2.10 0.00	28.77 2.23 0.00	29.90 2.34 0.00	30.80 2.39 0.00	31.82 2.33 0.00	33.98 2.63 0.00	38.00 2.98 0.00	45.87 3.67 0.00	41.70 3.02 0.00	36.05 2.26 0.00	34.55 2.20 0.00	31.74 1.99 0.00	29.69 2.02 0.00	25.86 1.62 0.00
CE_NYC2_DRP 24202	25.12 1.69 0.00	21.24 1.11 0.00	21.11 1.04 0.00	20.10 0.90 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.65 1.24 0.00	22.74 1.59 0.00	26.85 2.22 0.00	28.05 2.41 0.00	27.87 2.53 -0.01	29.22 2.68 -0.01	30.31 2.76 0.00	31.19 2.78 0.00	32.12 2.63 0.00	34.42 3.07 0.00	38.32 3.29 0.00	46.25 4.05 0.00	41.93 3.25 0.00	36.01 2.23 0.00	34.61 2.26 0.00	31.89 2.14 0.00	30.02 2.35 0.00	26.02 1.79 0.00
CE_NYC_DRP 24195	25.05 1.62 0.00	21.24 1.11 0.00	21.11 1.04 0.00	20.10 0.90 0.00	20.06 0.92 0.00	21.12 0.91 0.00	22.72 1.31 0.00	22.76 1.61 0.00	26.80 2.17 0.00	28.03 2.38 0.00	27.76 2.43 0.00	29.08 2.55 0.00	30.20 2.65 0.00	31.08 2.67 0.00	32.03 2.54 0.00	34.26 2.92 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.93 3.25 0.00	36.15 2.36 0.00	34.68 2.33 0.00	31.89 2.14 0.00	29.94 2.27 0.00	26.02 1.79 0.00
CHAFFEE___LFGE 323603	24.60 1.17 0.00	20.81 0.68 0.00	20.67 0.60 0.00	19.77 0.58 0.00	19.76 0.61 0.00	20.88 0.67 0.00	22.29 0.88 0.00	21.81 0.66 0.00	25.18 0.54 0.00	26.15 0.51 0.00	25.94 0.61 0.00	27.12 0.58 0.00	28.05 0.50 0.00	28.86 0.45 0.00	30.03 0.53 0.00	31.69 0.35 0.00	35.45 0.42 0.00	42.45 0.25 0.00	38.88 0.19 0.00	34.90 1.11 0.00	33.35 1.00 0.00	30.64 0.89 0.00	28.28 0.61 0.00	25.25 1.02 0.00
CHATEAUG_35_KV_LOAD 355732	22.84 -0.59 0.00	19.81 -0.32 0.00	19.87 -0.20 0.00	19.06 -0.13 0.00	19.03 -0.11 0.00	20.11 -0.10 0.00	21.20 -0.21 0.00	20.88 -0.27 0.00	24.32 -0.32 0.00	25.36 -0.28 0.00	25.00 -0.33 0.00	26.16 -0.37 0.00	27.17 -0.39 0.00	28.07 -0.34 0.00	29.20 -0.29 0.00	31.00 -0.34 0.00	34.61 -0.42 0.00	41.69 -0.51 0.00	38.49 -0.19 0.00	33.68 -0.10 0.00	32.25 -0.10 0.00	29.63 -0.12 0.00	27.56 -0.11 0.00	24.21 -0.02 0.00
CHATEAUG_WT_PWR 323614	22.89 -0.54 0.00	19.83 -0.30 0.00	19.89 -0.18 0.00	19.06 -0.13 0.00	19.01 -0.13 0.00	20.13 -0.08 0.00	21.20 -0.21 0.00	20.90 -0.25 0.00	24.37 -0.27 0.00	25.41 -0.23 0.00	25.08 -0.25 0.00	26.24 -0.29 0.00	27.23 -0.33 0.00	28.15 -0.26 0.00	29.29 -0.21 0.00	31.06 -0.28 0.00	34.68 -0.35 0.00	41.73 -0.46 0.00	38.53 -0.15 0.00	33.72 -0.07 0.00	32.25 -0.10 0.00	29.63 -0.12 0.00	27.59 -0.08 0.00	24.26 0.02 0.00
CHAT_HIGH_FALL_HYD 323578	22.84 -0.58 0.00	19.81 -0.32 0.00	19.87 -0.20 0.00	19.06 -0.13 0.00	19.01 -0.13 0.00	20.11 -0.10 0.00	21.20 -0.21 0.00	20.88 -0.28 0.00	24.32 -0.32 0.00	25.36 -0.28 0.00	25.00 -0.33 0.00	26.16 -0.37 0.00	27.17 -0.39 0.00	28.07 -0.34 0.00	29.20 -0.29 0.00	31.00 -0.34 0.00	34.61 -0.42 0.00	41.69 -0.50 0.00	38.49 -0.19 0.00	33.68 -0.10 0.00	32.25 -0.10 0.00	29.63 -0.12 0.00	27.56 -0.11 0.00	24.21 -0.02 0.00
CHAUTAUQUA___LFGE 323629	24.81 1.38 0.00	21.01 0.88 0.00	20.87 0.80 0.00	19.97 0.77 0.00	19.93 0.79 0.00	21.10 0.89 0.00	22.50 1.09 0.00	22.06 0.91 0.00	25.47 0.84 0.00	26.46 0.82 0.00	26.22 0.89 0.00	27.39 0.85 0.00	28.30 0.74 0.00	29.09 0.68 0.00	30.29 0.80 0.00	31.94 0.59 0.00	35.76 0.74 0.00	42.83 0.63 0.00	39.27 0.58 0.00	35.24 1.45 0.00	33.64 1.30 0.00	30.94 1.19 0.00	28.58 0.91 0.00	25.49 1.26 0.00
CHERRYST_13_KV_LD 356241	25.12 1.69 0.00	21.30 1.17 0.00	21.15 1.08 0.00	20.16 0.96 0.00	20.10 0.96 0.00	21.18 0.97 0.00	22.78 1.37 0.00	22.84 1.69 0.00	26.90 2.27 0.00	28.15 2.51 0.00	27.89 2.56 0.00	29.22 2.68 0.00	30.34 2.78 0.00	31.22 2.81 0.00	32.15 2.65 0.00	34.42 3.07 0.00	38.42 3.40 0.00	46.42 4.22 0.00	42.09 3.40 0.00	36.28 2.50 0.00	34.77 2.43 0.00	31.98 2.23 0.00	30.02 2.35 0.00	26.07 1.84 0.00
CHESTROR_138KV_BK263 355645	24.58 1.15 0.00	20.95 0.83 0.00	20.83 0.76 0.00	19.87 0.67 0.00	19.83 0.69 0.00	20.88 0.67 0.00	22.38 0.96 0.00	22.31 1.16 0.00	26.16 1.53 0.00	27.28 1.64 0.00	27.00 1.67 0.00	28.31 1.78 0.00	29.43 1.87 0.00	30.31 1.90 0.00	31.38 1.89 0.00	33.51 2.16 0.00	37.48 2.45 0.00	45.19 3.00 0.00	41.20 2.51 0.00	35.68 1.89 0.00	34.19 1.84 0.00	31.39 1.64 0.00	29.30 1.63 0.00	25.56 1.33 0.00
CH_MIDHUDSON___DRP 24192	24.79 1.36 0.00	21.14 1.01 0.00	20.99 0.92 0.00	20.02 0.83 0.00	19.97 0.82 0.00	21.04 0.83 0.00	22.57 1.16 0.00	22.50 1.35 0.00	26.39 1.75 0.00	27.51 1.87 0.00	27.20 1.87 0.00	28.53 1.99 0.00	29.68 2.12 0.00	30.57 2.16 0.00	31.65 2.15 0.00	33.76 2.41 0.00	37.76 2.73 0.00	45.57 3.38 0.00	41.55 2.86 0.00	35.98 2.20 0.00	34.48 2.14 0.00	31.62 1.87 0.00	29.55 1.88 0.00	25.76 1.53 0.00
CH_MISC_IPPS 23765	24.88 1.45 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.08 0.88 0.00	20.01 0.86 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.57 1.42 0.00	26.49 1.85 0.00	27.59 1.95 0.00	27.33 2.00 0.00	28.66 2.12 0.00	29.84 2.29 0.00	30.71 2.30 0.00	31.80 2.30 0.00	33.95 2.60 0.00	38.00 2.98 0.00	45.83 3.63 0.00	41.82 3.13 0.00	36.22 2.43 0.00	34.58 2.23 0.00	31.83 2.08 0.00	29.69 2.02 0.00	25.88 1.65 0.00
CH_RES_BVR_FALLS 23983	23.05 -0.38 0.00	19.87 -0.26 0.00	19.85 -0.22 0.00	19.01 -0.19 0.00	18.95 -0.19 0.00	20.01 -0.20 0.00	21.11 -0.30 0.00	20.79 -0.36 0.00	24.22 -0.42 0.00	25.21 -0.44 0.00	24.90 -0.43 0.00	26.06 -0.48 0.00	27.06 -0.50 0.00	27.93 -0.48 0.00	29.02 -0.47 0.00	30.81 -0.53 0.00	34.43 -0.60 0.00	41.48 -0.72 0.00	38.06 -0.62 0.00	33.24 -0.54 0.00	31.83 -0.52 0.00	29.27 -0.48 0.00	27.26 -0.41 0.00	23.87 -0.36 0.00

CH_RES_NIAGARA 23895	24.04 0.61 0.00	20.31 0.18 0.00	20.19 0.12 0.00	19.35 0.15 0.00	19.36 0.21 0.00	20.39 0.18 0.00	21.54 0.13 0.00	21.00 -0.15 0.00	24.24 -0.40 0.00	25.13 -0.51 0.00	24.95 -0.38 0.00	26.06 -0.48 0.00	26.98 -0.58 0.00	27.70 -0.71 0.00	28.79 -0.71 0.00	30.34 -1.00 0.00	33.87 -1.15 0.00	40.51 -1.69 0.00	37.10 -1.59 0.00	33.45 -0.34 0.00	32.03 -0.32 0.00	29.42 -0.33 0.00	27.20 -0.47 0.00	24.33 0.10 0.00
CH_RES_SYRACUSE 23985	23.59 0.17 0.00	20.15 0.02 0.00	20.03 -0.04 0.00	19.16 -0.04 0.00	19.13 -0.02 0.00	20.21 0.00 0.00	21.52 0.11 0.00	21.24 0.08 0.00	24.76 0.12 0.00	25.77 0.13 0.00	25.48 0.15 0.00	26.70 0.16 0.00	27.70 0.14 0.00	29.75 0.03 -1.31	31.06 0.09 -1.48	33.18 0.03 -1.81	37.56 0.04 -2.49	46.02 0.00 -3.82	41.89 0.04 -3.16	36.23 0.17 -2.28	34.57 0.16 -2.06	31.43 0.12 -1.56	28.84 0.06 -1.11	24.86 0.07 -0.55
CLINTON_WT_PWR 323605	22.89 -0.54 0.00	19.83 -0.30 0.00	19.89 -0.18 0.00	19.06 -0.13 0.00	19.01 -0.13 0.00	20.13 -0.08 0.00	21.20 -0.21 0.00	20.90 -0.25 0.00	24.37 -0.27 0.00	25.41 -0.23 0.00	25.08 -0.25 0.00	26.24 -0.29 0.00	27.23 -0.33 0.00	28.15 -0.26 0.00	29.29 -0.21 0.00	31.06 -0.28 0.00	34.68 -0.35 0.00	41.73 -0.46 0.00	38.53 -0.15 0.00	33.72 -0.07 0.00	32.25 -0.10 0.00	29.63 -0.12 0.00	27.59 -0.08 0.00	24.26 0.02 0.00
CLINTON___LFGE 323618	23.08 -0.35 0.00	19.99 -0.14 0.00	20.03 -0.04 0.00	19.22 0.02 0.00	19.16 0.02 0.00	20.29 0.08 0.00	21.37 -0.04 0.00	21.07 -0.08 0.00	24.56 -0.07 0.00	25.62 -0.03 0.00	25.25 -0.08 0.00	26.43 -0.11 0.00	27.45 -0.11 0.00	28.38 -0.03 0.00	29.55 0.06 0.00	31.35 0.00 0.00	35.03 0.00 0.00	42.11 -0.08 0.00	38.96 0.27 0.00	34.09 0.30 0.00	32.64 0.29 0.00	29.96 0.21 0.00	27.84 0.17 0.00	24.45 0.22 0.00
COBBLENY_34_KV_TB1 80064	24.58 1.15 0.00	20.85 0.72 0.00	20.67 0.60 0.00	19.77 0.58 0.00	19.68 0.54 0.00	20.88 0.67 0.00	22.29 0.88 0.00	21.81 0.66 0.00	25.18 0.54 0.00	26.13 0.49 0.00	25.94 0.61 0.00	27.12 0.58 0.00	28.05 0.50 0.00	28.89 0.48 0.00	30.03 0.53 0.00	31.69 0.34 0.00	35.45 0.42 0.00	42.32 0.13 0.00	38.88 0.19 0.00	34.87 1.08 0.00	33.00 0.65 0.00	30.64 0.89 0.00	28.22 0.55 0.00	25.25 1.02 0.00
COFFEEN___115KV_TB3 355620	24.08 0.66 0.00	20.59 0.46 0.00	20.49 0.42 0.00	19.66 0.46 0.00	19.55 0.40 0.00	20.70 0.49 0.00	22.08 0.66 0.00	21.83 0.68 0.00	25.47 0.84 0.00	26.44 0.79 0.00	26.04 0.71 0.00	27.36 0.82 0.00	28.36 0.80 0.00	29.97 0.45 -1.10	31.24 0.50 -1.25	33.28 0.41 -1.52	37.51 0.39 -2.10	46.10 0.68 -3.22	42.36 1.01 -2.66	36.92 1.22 -1.92	35.51 1.42 -1.73	32.43 1.37 -1.32	29.68 1.08 -0.94	25.52 0.82 -0.47
COLDSPRG_115KV_BK1 355956	24.76 1.34 0.00	21.06 0.93 0.00	20.87 0.80 0.00	19.97 0.77 0.00	19.89 0.75 0.00	21.12 0.91 0.00	22.57 1.16 0.00	22.21 1.06 0.00	25.62 0.99 0.00	26.69 1.05 0.00	26.44 1.11 0.00	27.62 1.09 0.00	28.55 0.99 0.00	29.40 0.99 0.00	30.59 1.09 0.00	32.25 0.91 0.00	36.15 1.12 0.00	43.25 1.05 0.00	39.69 1.01 0.00	35.44 1.66 0.00	33.58 1.23 0.00	31.18 1.43 0.00	28.72 1.05 0.00	25.64 1.41 0.00
COLONIE_LFGE___ 323577	24.41 0.98 0.00	20.89 0.76 0.00	20.77 0.70 0.00	19.85 0.65 0.00	19.78 0.63 0.00	20.90 0.69 0.00	22.27 0.86 0.00	22.10 0.95 0.00	25.79 1.16 0.00	26.80 1.15 0.00	26.42 1.09 0.00	27.70 1.17 0.00	28.77 1.21 0.00	29.72 1.31 0.00	30.82 1.33 0.00	32.76 1.41 0.00	36.57 1.54 0.00	44.22 2.03 0.00	40.66 1.97 0.00	35.41 1.62 0.00	33.87 1.52 0.00	31.15 1.40 0.00	28.97 1.30 0.00	25.35 1.12 0.00
COOPERNY_115KV_TB1 80082	24.34 0.91 0.00	20.77 0.64 0.00	20.65 0.58 0.00	19.72 0.52 0.00	19.66 0.52 0.00	20.74 0.53 0.00	22.18 0.77 0.00	22.08 0.93 0.00	25.87 1.23 0.00	26.97 1.33 0.00	26.67 1.34 0.00	27.97 1.43 0.00	29.07 1.52 0.00	29.91 1.51 0.00	31.00 1.50 0.00	33.04 1.69 0.00	36.99 1.96 0.00	44.60 2.41 0.00	40.66 1.97 0.00	35.27 1.49 0.00	33.80 1.46 0.00	31.06 1.31 0.00	28.97 1.30 0.00	25.27 1.04 0.00
COPENHAGEN_WT_PWR 323753	23.90 0.47 0.00	20.43 0.30 0.00	20.33 0.26 0.00	19.50 0.31 0.00	19.39 0.25 0.00	20.53 0.32 0.00	21.86 0.45 0.00	21.62 0.46 0.00	25.25 0.62 0.00	26.18 0.54 0.00	25.81 0.48 0.00	27.09 0.56 0.00	28.11 0.55 0.00	29.79 0.23 -1.16	31.07 0.26 -1.31	33.10 0.16 -1.59	37.33 0.11 -2.20	45.87 0.30 -3.38	42.06 0.58 -2.79	36.61 0.81 -2.01	35.23 1.07 -1.82	32.08 0.95 -1.38	29.40 0.75 -0.98	25.28 0.56 -0.49
CORNELL___ 23752	24.15 0.73 0.00	20.61 0.48 0.00	20.47 0.40 0.00	19.60 0.40 0.00	19.53 0.38 0.00	20.68 0.46 0.00	22.08 0.66 0.00	21.81 0.66 0.00	25.28 0.64 0.00	26.26 0.62 0.00	25.91 0.58 0.00	27.15 0.61 0.00	28.16 0.61 0.00	29.73 0.62 -0.70	30.99 0.71 -0.79	33.00 0.69 -0.97	37.24 0.88 -1.33	45.34 1.10 -2.05	41.50 1.12 -1.69	36.22 1.22 -1.22	34.55 1.10 -1.10	31.63 1.04 -0.84	29.12 0.86 -0.59	25.30 0.78 -0.30
CORONA_AV_69_KV_TB1 355595	25.91 2.13 -0.35	21.74 1.61 0.00	21.45 1.38 0.00	20.41 1.21 0.00	20.35 1.21 0.00	21.42 1.21 0.00	23.04 1.63 0.00	23.10 1.95 0.00	27.38 2.61 -0.13	28.50 2.85 -0.01	30.26 2.79 -2.14	30.46 2.95 -0.98	30.77 3.06 -0.16	31.71 3.10 -0.20	32.66 3.04 -0.13	36.01 3.39 -1.27	40.93 3.89 -2.01	51.80 4.73 -4.87	49.55 4.02 -6.84	36.87 3.07 -0.02	35.39 3.04 0.00	32.49 2.74 0.00	30.44 2.77 0.00	26.60 2.35 -0.02
CORTLAND_115KV_TB3 80093	23.92 0.49 0.00	20.43 0.30 0.00	20.29 0.22 0.00	19.43 0.23 0.00	19.36 0.21 0.00	20.49 0.28 0.00	21.86 0.45 0.00	21.60 0.44 0.00	25.08 0.44 0.00	26.08 0.44 0.00	25.76 0.43 0.00	26.99 0.45 0.00	28.00 0.44 0.00	29.59 0.45 -0.73	30.85 0.53 -0.83	32.86 0.50 -1.01	37.05 0.63 -1.39	45.05 0.72 -2.14	41.19 0.74 -1.77	35.87 0.81 -1.27	34.21 0.71 -1.15	31.31 0.68 -0.87	28.82 0.53 -0.62	25.05 0.51 -0.31
COXSACKIE___GT 23611	24.83 1.41 0.00	21.20 1.07 0.00	21.03 0.96 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.16 0.95 0.00	22.70 1.28 0.00	22.44 1.29 0.00	26.16 1.53 0.00	26.95 1.31 0.00	26.70 1.37 0.00	27.99 1.46 0.00	29.29 1.74 0.00	30.20 1.79 0.00	31.47 1.98 0.00	33.38 2.04 0.00	37.37 2.35 0.00	45.24 3.04 0.00	41.66 2.98 0.00	36.52 2.74 0.00	34.94 2.59 0.00	31.92 2.17 0.00	29.58 1.91 0.00	25.78 1.55 0.00
CPV_VALLEY___CC1 323721	24.39 0.96 0.00	20.81 0.68 0.00	20.67 0.60 0.00	19.73 0.54 0.00	19.68 0.54 0.00	20.76 0.55 0.00	22.23 0.81 0.00	22.17 1.02 0.00	25.97 1.33 0.00	27.10 1.46 0.00	26.80 1.47 0.00	28.10 1.57 0.00	29.21 1.65 0.00	30.08 1.68 0.00	31.15 1.65 0.00	33.23 1.88 0.00	37.16 2.14 0.00	44.81 2.62 0.00	40.85 2.17 0.00	35.37 1.59 0.00	33.81 1.46 0.00	31.12 1.37 0.00	29.08 1.41 0.00	25.37 1.14 0.00

CPV_VALLEY___CC2 323722	24.39 0.96 0.00	20.81 0.68 0.00	20.67 0.60 0.00	19.73 0.54 0.00	19.68 0.54 0.00	20.76 0.55 0.00	22.23 0.81 0.00	22.17 1.02 0.00	25.97 1.33 0.00	27.10 1.46 0.00	26.80 1.47 0.00	28.10 1.57 0.00	29.21 1.65 0.00	30.08 1.68 0.00	31.15 1.65 0.00	33.23 1.88 0.00	37.16 2.14 0.00	44.81 2.62 0.00	40.85 2.17 0.00	35.37 1.59 0.00	33.81 1.46 0.00	31.12 1.37 0.00	29.08 1.41 0.00	25.37 1.14 0.00
CRESCENT___HYD 24018	24.41 0.98 0.00	20.89 0.76 0.00	20.77 0.70 0.00	19.85 0.65 0.00	19.78 0.63 0.00	20.90 0.69 0.00	22.27 0.86 0.00	22.10 0.95 0.00	25.79 1.16 0.00	26.80 1.15 0.00	26.42 1.09 0.00	27.70 1.17 0.00	28.77 1.21 0.00	29.72 1.31 0.00	30.82 1.33 0.00	32.76 1.41 0.00	36.57 1.54 0.00	44.22 2.03 0.00	40.66 1.97 0.00	35.41 1.62 0.00	33.87 1.52 0.00	31.15 1.40 0.00	28.97 1.30 0.00	25.35 1.12 0.00
CRICKET___VALLEY_CC1 323756	24.60 1.17 0.00	21.01 0.88 0.00	20.87 0.80 0.00	19.93 0.73 0.00	19.83 0.69 0.00	20.94 0.73 0.00	22.44 1.03 0.00	22.38 1.23 0.00	26.24 1.60 0.00	27.31 1.67 0.00	26.93 1.60 0.00	28.21 1.67 0.00	29.35 1.79 0.00	30.25 1.85 0.00	31.26 1.77 0.00	33.38 2.04 0.00	37.23 2.21 0.00	44.90 2.70 0.00	41.04 2.36 0.00	35.51 1.72 0.00	33.93 1.58 0.00	31.24 1.49 0.00	29.16 1.49 0.00	25.49 1.26 0.00
CRICKET___VALLEY_CC2 323757	24.60 1.17 0.00	21.01 0.88 0.00	20.87 0.80 0.00	19.93 0.73 0.00	19.83 0.69 0.00	20.94 0.73 0.00	22.44 1.03 0.00	22.38 1.23 0.00	26.24 1.60 0.00	27.31 1.67 0.00	26.93 1.60 0.00	28.21 1.67 0.00	29.35 1.79 0.00	30.25 1.85 0.00	31.26 1.77 0.00	33.38 2.04 0.00	37.23 2.21 0.00	44.90 2.70 0.00	41.04 2.36 0.00	35.51 1.72 0.00	33.93 1.58 0.00	31.24 1.49 0.00	29.16 1.49 0.00	25.49 1.26 0.00
CRICKET___VALLEY_CC3 323758	24.60 1.17 0.00	21.01 0.88 0.00	20.87 0.80 0.00	19.93 0.73 0.00	19.83 0.69 0.00	20.94 0.73 0.00	22.44 1.03 0.00	22.38 1.23 0.00	26.24 1.60 0.00	27.31 1.67 0.00	26.93 1.60 0.00	28.21 1.67 0.00	29.35 1.79 0.00	30.25 1.85 0.00	31.26 1.77 0.00	33.38 2.04 0.00	37.23 2.21 0.00	44.90 2.70 0.00	41.04 2.36 0.00	35.51 1.72 0.00	33.93 1.58 0.00	31.24 1.49 0.00	29.16 1.49 0.00	25.49 1.26 0.00
CRUCIBLE_METL_DRP 24180	23.57 0.14 0.00	20.15 0.02 0.00	20.03 -0.04 0.00	19.16 -0.04 0.00	19.11 -0.04 0.00	20.21 0.00 0.00	21.52 0.11 0.00	21.24 0.08 0.00	24.76 0.12 0.00	25.77 0.13 0.00	25.48 0.15 0.00	26.70 0.16 0.00	27.70 0.14 0.00	29.75 0.03 -1.31	31.06 0.09 -1.48	33.18 0.03 -1.81	37.56 0.04 -2.49	46.02 0.00 -3.82	41.89 0.04 -3.16	36.23 0.17 -2.28	34.50 0.10 -2.06	31.43 0.12 -1.56	28.84 0.06 -1.11	24.86 0.07 -0.55
DAHOWA___HYDRO 323763	24.60 1.17 0.00	21.06 0.93 0.00	20.93 0.86 0.00	19.99 0.79 0.00	19.89 0.75 0.00	21.06 0.85 0.00	22.44 1.03 0.00	22.29 1.14 0.00	25.97 1.33 0.00	27.00 1.36 0.00	26.50 1.17 0.00	27.84 1.30 0.00	28.85 1.30 0.00	29.74 1.34 0.00	30.94 1.44 0.00	32.79 1.44 0.00	36.64 1.61 0.00	44.35 2.15 0.00	40.97 2.28 0.00	35.88 2.10 0.00	34.39 2.04 0.00	31.63 1.88 0.00	29.36 1.69 0.00	25.61 1.38 0.00
DANC___LFGE 323619	23.64 0.21 0.00	20.21 0.08 0.00	20.11 0.04 0.00	19.28 0.08 0.00	19.20 0.06 0.00	20.31 0.10 0.00	21.60 0.19 0.00	21.34 0.19 0.00	25.01 0.37 0.00	25.97 0.33 0.00	25.64 0.31 0.00	26.88 0.34 0.00	27.89 0.33 0.00	29.80 -0.06 -1.45	31.10 -0.03 -1.64	33.19 -0.16 -2.00	37.54 -0.24 -2.76	46.26 -0.17 -4.23	42.22 0.04 -3.50	36.58 0.27 -2.52	35.14 0.52 -2.28	31.95 0.47 -1.73	29.20 0.30 -1.23	25.06 0.22 -0.61
DANSKAMMER___1 23586	24.88 1.45 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.08 0.88 0.00	20.01 0.86 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.57 1.42 0.00	26.49 1.85 0.00	27.59 1.95 0.00	27.33 2.00 0.00	28.66 2.12 0.00	29.84 2.29 0.00	30.71 2.30 0.00	31.80 2.30 0.00	33.95 2.60 0.00	38.00 2.98 0.00	45.83 3.63 0.00	41.82 3.13 0.00	36.22 2.43 0.00	34.58 2.23 0.00	31.83 2.08 0.00	29.69 2.02 0.00	25.88 1.65 0.00
DANSKAMMER___2 23589	24.88 1.45 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.08 0.88 0.00	20.01 0.86 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.57 1.42 0.00	26.49 1.85 0.00	27.59 1.95 0.00	27.33 2.00 0.00	28.66 2.12 0.00	29.84 2.29 0.00	30.71 2.30 0.00	31.80 2.30 0.00	33.95 2.60 0.00	38.00 2.98 0.00	45.83 3.63 0.00	41.82 3.13 0.00	36.22 2.43 0.00	34.58 2.23 0.00	31.83 2.08 0.00	29.69 2.02 0.00	25.88 1.65 0.00
DANSKAMMER___3 23590	24.88 1.45 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.08 0.88 0.00	20.01 0.86 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.57 1.42 0.00	26.49 1.85 0.00	27.59 1.95 0.00	27.33 2.00 0.00	28.66 2.12 0.00	29.84 2.29 0.00	30.71 2.30 0.00	31.80 2.30 0.00	33.95 2.60 0.00	38.00 2.98 0.00	45.83 3.63 0.00	41.82 3.13 0.00	36.22 2.43 0.00	34.58 2.23 0.00	31.83 2.08 0.00	29.69 2.02 0.00	25.88 1.65 0.00
DANSKAMMER___4 23591	24.88 1.45 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.08 0.88 0.00	20.01 0.86 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.57 1.42 0.00	26.49 1.85 0.00	27.59 1.95 0.00	27.33 2.00 0.00	28.66 2.12 0.00	29.84 2.29 0.00	30.71 2.30 0.00	31.80 2.30 0.00	33.95 2.60 0.00	38.00 2.98 0.00	45.83 3.63 0.00	41.82 3.13 0.00	36.22 2.43 0.00	34.58 2.23 0.00	31.83 2.08 0.00	29.69 2.02 0.00	25.88 1.65 0.00
DANSKAMMER___DIESEL 23592	24.88 1.45 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.57 1.42 0.00	26.48 1.85 0.00	27.59 1.95 0.00	27.33 2.00 0.00	28.66 2.12 0.00	29.84 2.29 0.00	30.71 2.30 0.00	31.80 2.30 0.00	33.95 2.60 0.00	38.00 2.98 0.00	45.87 3.67 0.00	41.78 3.09 0.00	36.22 2.43 0.00	34.68 2.33 0.00	31.83 2.08 0.00	29.72 2.05 0.00	25.88 1.65 0.00
DARBY___SOLAR 323810	24.58 1.15 0.00	21.04 0.91 0.00	20.91 0.84 0.00	19.97 0.77 0.00	19.89 0.75 0.00	21.04 0.83 0.00	22.42 1.01 0.00	22.29 1.14 0.00	25.97 1.33 0.00	27.00 1.36 0.00	26.52 1.19 0.00	27.86 1.33 0.00	28.88 1.32 0.00	29.77 1.36 0.00	30.97 1.47 0.00	32.82 1.47 0.00	36.67 1.65 0.00	44.39 2.19 0.00	40.93 2.24 0.00	35.78 1.99 0.00	34.29 1.94 0.00	31.53 1.78 0.00	29.30 1.63 0.00	25.56 1.33 0.00
DASHVILLE___HYD 23610	24.55 1.12 0.00	20.93 0.81 0.00	20.79 0.72 0.00	19.83 0.63 0.00	19.78 0.63 0.00	20.80 0.59 0.00	22.35 0.94 0.00	22.29 1.14 0.00	26.02 1.38 0.00	27.10 1.46 0.00	26.85 1.52 0.00	28.13 1.59 0.00	29.29 1.74 0.00	30.14 1.73 0.00	31.18 1.68 0.00	33.32 1.97 0.00	37.30 2.28 0.00	44.98 2.78 0.00	41.01 2.32 0.00	35.51 1.72 0.00	34.03 1.68 0.00	31.27 1.52 0.00	29.22 1.55 0.00	25.49 1.26 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	27.48 3.70 -0.35	23.07 2.94 0.00	22.70 2.63 0.00	21.56 2.36 0.00	21.50 2.35 0.00	22.60 2.39 0.00	23.94 2.53 0.00	23.88 2.73 0.00	28.71 3.94 -0.13	29.73 4.08 -0.01	31.27 3.80 -2.14	31.52 4.01 -0.98	31.90 4.19 -0.16	32.90 4.29 -0.20	34.05 4.42 -0.13	37.67 5.05 -1.27	42.96 5.92 -2.01	71.39 7.13 -22.06	51.83 6.23 -6.92	38.73 4.93 -0.02	36.94 4.59 0.00	33.68 3.93 0.00	31.38 3.71 0.00	27.50 3.25 -0.02
DELAWARE___LFGE 323621	24.23 0.80 0.00	20.69 0.56 0.00	20.57 0.50 0.00	19.68 0.48 0.00	19.61 0.46 0.00	20.72 0.51 0.00	22.12 0.71 0.00	21.91 0.76 0.00	25.55 0.91 0.00	26.62 0.97 0.00	26.27 0.94 0.00	27.54 1.01 0.00	28.60 1.05 0.00	29.69 1.05 -0.23	30.84 1.09 -0.26	32.82 1.16 -0.31	36.86 1.40 -0.43	44.59 1.73 -0.66	40.78 1.55 -0.55	35.50 1.32 -0.40	34.00 1.29 -0.36	31.15 1.13 -0.27	28.91 1.05 -0.19	25.20 0.87 -0.10
DERFIELD_115KV_TB7 355931	23.52 0.09 0.00	20.17 0.04 0.00	20.09 0.02 0.00	19.22 0.02 0.00	19.16 0.02 0.00	20.23 0.02 0.00	21.50 0.09 0.00	21.26 0.11 0.00	24.73 0.10 0.00	25.74 0.10 0.00	25.43 0.10 0.00	26.64 0.11 0.00	27.67 0.11 0.00	28.55 0.14 0.00	29.61 0.12 0.00	31.47 0.13 0.00	35.17 0.14 0.00	42.41 0.21 0.00	38.88 0.19 0.00	33.95 0.17 0.00	32.51 0.16 0.00	29.90 0.15 0.00	27.81 0.14 0.00	24.35 0.12 0.00
DOGLEVILLE___HYD 23807	24.04 0.61 0.00	20.61 0.48 0.00	20.53 0.46 0.00	19.64 0.44 0.00	19.66 0.52 0.00	20.68 0.47 0.00	22.08 0.66 0.00	21.83 0.68 0.00	25.40 0.76 0.00	26.41 0.77 0.00	26.01 0.68 0.00	27.23 0.69 0.00	28.25 0.69 0.00	29.06 0.65 0.00	30.14 0.65 0.00	32.01 0.66 0.00	35.80 0.77 0.00	43.21 1.01 0.00	39.69 1.00 0.00	34.76 0.98 0.00	33.35 1.00 0.00	30.67 0.92 0.00	28.53 0.86 0.00	24.98 0.75 0.00
DUNKIRK___115KV_TB_200 55889	24.76 1.34 0.00	21.02 0.89 0.00	20.85 0.78 0.00	19.95 0.75 0.00	19.85 0.71 0.00	21.08 0.87 0.00	22.46 1.05 0.00	22.02 0.87 0.00	25.42 0.79 0.00	26.41 0.77 0.00	26.17 0.84 0.00	27.33 0.80 0.00	28.27 0.72 0.00	29.09 0.68 0.00	30.23 0.74 0.00	31.91 0.56 0.00	35.73 0.70 0.00	42.70 0.51 0.00	39.23 0.54 0.00	35.10 1.32 0.00	33.25 0.91 0.00	30.88 1.13 0.00	28.47 0.80 0.00	25.44 1.21 0.00
DUNKIRK___1 23563	24.76 1.34 0.00	21.02 0.89 0.00	20.85 0.78 0.00	19.95 0.75 0.00	19.85 0.71 0.00	21.08 0.87 0.00	22.46 1.05 0.00	22.02 0.87 0.00	25.42 0.79 0.00	26.41 0.77 0.00	26.17 0.84 0.00	27.33 0.80 0.00	28.27 0.72 0.00	29.09 0.68 0.00	30.23 0.74 0.00	31.91 0.56 0.00	35.73 0.70 0.00	42.70 0.51 0.00	39.23 0.54 0.00	35.10 1.32 0.00	33.25 0.91 0.00	30.88 1.13 0.00	28.47 0.80 0.00	25.44 1.21 0.00
DUNKIRK___2 23564	24.76 1.34 0.00	21.02 0.89 0.00	20.85 0.78 0.00	19.95 0.75 0.00	19.85 0.71 0.00	21.08 0.87 0.00	22.46 1.05 0.00	22.02 0.87 0.00	25.42 0.79 0.00	26.41 0.77 0.00	26.17 0.84 0.00	27.33 0.80 0.00	28.27 0.72 0.00	29.09 0.68 0.00	30.23 0.74 0.00	31.91 0.56 0.00	35.73 0.70 0.00	42.70 0.51 0.00	39.23 0.54 0.00	35.10 1.32 0.00	33.25 0.91 0.00	30.88 1.13 0.00	28.47 0.80 0.00	25.44 1.21 0.00
DUNKIRK___3 23565	24.62 1.19 0.00	20.91 0.79 0.00	20.73 0.66 0.00	19.85 0.65 0.00	19.76 0.61 0.00	20.96 0.75 0.00	22.33 0.92 0.00	21.87 0.72 0.00	25.25 0.62 0.00	26.23 0.59 0.00	25.99 0.66 0.00	27.17 0.64 0.00	28.08 0.52 0.00	28.92 0.51 0.00	30.08 0.59 0.00	31.72 0.38 0.00	35.55 0.53 0.00	42.45 0.25 0.00	38.99 0.31 0.00	34.90 1.11 0.00	33.06 0.71 0.00	30.67 0.92 0.00	28.31 0.64 0.00	25.30 1.07 0.00
DUNKIRK___4 23566	24.62 1.19 0.00	20.91 0.79 0.00	20.73 0.66 0.00	19.85 0.65 0.00	19.76 0.61 0.00	20.96 0.75 0.00	22.33 0.92 0.00	21.87 0.72 0.00	25.25 0.62 0.00	26.23 0.59 0.00	25.99 0.66 0.00	27.17 0.64 0.00	28.08 0.52 0.00	28.92 0.51 0.00	30.08 0.59 0.00	31.72 0.38 0.00	35.55 0.53 0.00	42.45 0.25 0.00	38.99 0.31 0.00	34.90 1.11 0.00	33.06 0.71 0.00	30.67 0.92 0.00	28.31 0.64 0.00	25.30 1.07 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.97 1.55 0.00	21.24 1.11 0.00	21.09 1.02 0.00	20.10 0.90 0.00	20.05 0.90 0.00	21.12 0.91 0.00	22.68 1.26 0.00	22.70 1.54 0.00	26.68 2.04 0.00	27.90 2.26 0.00	27.58 2.25 0.00	28.92 2.39 0.00	30.07 2.51 0.00	30.97 2.56 0.00	31.94 2.45 0.00	34.17 2.82 0.00	38.18 3.15 0.00	46.08 3.88 0.00	41.90 3.21 0.00	36.18 2.40 0.00	34.68 2.33 0.00	31.86 2.11 0.00	29.83 2.16 0.00	25.95 1.72 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.72 1.29 0.00	21.06 0.93 0.00	20.91 0.84 0.00	19.95 0.75 0.00	19.91 0.77 0.00	20.96 0.75 0.00	22.48 1.07 0.00	22.42 1.27 0.00	26.29 1.65 0.00	27.41 1.77 0.00	27.13 1.80 0.00	28.45 1.91 0.00	29.60 2.04 0.00	30.45 2.05 0.00	31.53 2.04 0.00	33.67 2.32 0.00	37.69 2.66 0.00	45.49 3.29 0.00	41.43 2.75 0.00	35.91 2.13 0.00	34.39 2.04 0.00	31.56 1.81 0.00	29.47 1.80 0.00	25.69 1.45 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.22 1.78 -0.01	21.22 1.09 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.63 1.48 0.00	26.80 2.17 0.00	27.92 2.28 0.00	27.87 2.53 -0.01	29.20 2.65 -0.01	30.31 2.76 0.00	31.16 2.76 0.00	32.15 2.65 0.00	34.52 3.17 -0.01	38.35 3.33 0.00	46.34 4.14 -0.01	42.01 3.33 0.00	35.85 2.06 0.00	34.45 2.10 0.00	31.80 2.05 0.00	30.05 2.38 0.00	26.00 1.77 0.00
E179THST_13_KV_LOAD 356214	25.33 1.90 -0.01	21.32 1.19 0.00	21.21 1.14 0.00	20.20 1.00 0.00	20.16 1.01 0.00	21.10 0.89 0.00	22.65 1.24 0.00	22.76 1.61 0.00	26.95 2.32 0.00	28.08 2.44 0.00	28.02 2.68 -0.01	29.36 2.81 -0.01	30.48 2.92 0.00	31.34 2.93 0.00	32.33 2.83 0.00	34.71 3.35 -0.01	38.60 3.57 0.00	46.59 4.39 -0.01	42.28 3.60 0.00	36.05 2.26 0.00	34.65 2.30 0.00	31.98 2.23 0.00	30.22 2.55 0.00	26.15 1.91 0.00
EAST HAMPTON___GT 23717	27.88 4.10 -0.35	23.42 3.28 -0.01	23.04 2.97 0.00	21.89 2.69 0.00	21.58 2.43 0.00	22.92 2.71 0.00	24.28 2.87 0.00	24.24 3.09 0.00	29.13 4.36 -0.13	30.22 4.56 -0.01	31.80 4.33 -2.14	32.11 4.59 -0.98	32.51 4.79 -0.16	33.50 4.89 -0.20	34.70 5.07 -0.13	38.36 5.74 -1.27	43.73 6.69 -2.01	72.36 8.10 -22.06	52.68 7.08 -6.92	39.44 5.64 -0.02	37.50 5.14 -0.01	34.24 4.49 0.00	31.79 4.12 0.00	27.93 3.68 -0.02
EAST RIVER___6 23660	24.95 1.52 0.00	21.18 1.05 0.00	21.05 0.98 0.00	20.02 0.82 0.00	19.93 0.79 0.00	21.04 0.83 0.00	22.59 1.18 0.00	22.67 1.52 0.00	26.63 1.99 0.00	27.90 2.26 0.00	27.63 2.30 0.00	28.93 2.39 0.00	30.04 2.48 0.00	30.91 2.50 0.00	31.82 2.33 0.00	34.07 2.73 0.00	38.07 3.05 0.00	45.95 3.75 0.00	41.70 3.02 0.00	35.91 2.13 0.00	34.39 2.04 0.00	31.71 1.96 0.00	29.80 2.13 0.00	25.90 1.67 0.00

EAST RIVER___7 23524	24.95 1.52 0.00	21.18 1.05 0.00	21.05 0.98 0.00	20.02 0.82 0.00	19.93 0.79 0.00	21.04 0.83 0.00	22.59 1.18 0.00	22.67 1.52 0.00	26.63 1.99 0.00	27.90 2.26 0.00	27.63 2.30 0.00	28.93 2.39 0.00	30.04 2.48 0.00	30.91 2.50 0.00	31.82 2.33 0.00	34.07 2.73 0.00	38.07 3.05 0.00	45.95 3.75 0.00	41.70 3.02 0.00	35.91 2.13 0.00	34.39 2.04 0.00	31.71 1.96 0.00	29.80 2.13 0.00	25.90 1.67 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.93 1.50 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.06 0.86 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.65 1.24 0.00	22.65 1.50 0.00	26.61 1.97 0.00	27.80 2.15 0.00	27.51 2.18 0.00	28.84 2.31 0.00	29.98 2.43 0.00	30.88 2.47 0.00	31.88 2.39 0.00	34.07 2.73 0.00	38.07 3.05 0.00	45.95 3.76 0.00	41.78 3.09 0.00	36.12 2.33 0.00	34.61 2.26 0.00	31.80 2.05 0.00	29.74 2.08 0.00	25.90 1.67 0.00
EAST_HAMPTON___DIESEL 23722	27.88 4.10 -0.35	23.42 3.28 -0.01	23.04 2.97 0.00	21.89 2.69 0.00	21.58 2.43 0.00	22.94 2.73 0.00	24.28 2.87 0.00	24.26 3.11 0.00	29.15 4.39 -0.13	30.24 4.59 -0.01	31.83 4.36 -2.14	32.11 4.59 -0.98	32.51 4.79 -0.16	33.53 4.92 -0.20	34.70 5.07 -0.13	38.39 5.77 -1.27	43.76 6.73 -2.01	72.36 8.10 -22.06	52.72 7.12 -6.92	39.47 5.67 -0.02	37.50 5.14 -0.01	34.24 4.49 0.00	31.82 4.15 0.00	27.93 3.68 -0.02
EAST_PULASKI___ESR 323781	23.43 0.00 0.00	20.03 -0.10 0.00	19.91 -0.16 0.00	19.08 -0.12 0.00	19.01 -0.13 0.00	20.09 -0.12 0.00	21.39 -0.02 0.00	21.09 -0.06 0.00	24.88 0.25 0.00	25.87 0.23 0.00	25.56 0.23 0.00	26.78 0.24 0.00	27.78 0.22 0.00	30.14 -0.34 -2.07	31.51 -0.32 -2.34	33.76 -0.44 -2.86	38.41 -0.56 -3.94	47.61 -0.63 -6.05	43.22 -0.46 -5.00	37.15 -0.24 -3.60	35.44 -0.16 -3.25	32.25 0.03 -2.47	29.34 -0.08 -1.75	25.03 -0.07 -0.87
EAST_RIVER___1 323558	25.02 1.59 0.00	21.24 1.11 0.00	21.11 1.04 0.00	20.10 0.90 0.00	20.05 0.90 0.00	21.12 0.91 0.00	22.72 1.31 0.00	22.76 1.61 0.00	26.78 2.14 0.00	28.03 2.39 0.00	27.76 2.43 0.00	29.08 2.55 0.00	30.20 2.65 0.00	31.08 2.67 0.00	32.03 2.54 0.00	34.26 2.92 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.93 3.25 0.00	36.15 2.36 0.00	34.58 2.23 0.00	31.89 2.14 0.00	29.94 2.27 0.00	26.02 1.79 0.00
EAST_RIVER___2 323559	24.95 1.52 0.00	21.18 1.05 0.00	21.05 0.98 0.00	20.02 0.82 0.00	19.93 0.79 0.00	21.04 0.83 0.00	22.59 1.18 0.00	22.67 1.52 0.00	26.63 1.99 0.00	27.90 2.26 0.00	27.63 2.30 0.00	28.93 2.39 0.00	30.04 2.48 0.00	30.91 2.50 0.00	31.82 2.33 0.00	34.07 2.73 0.00	38.07 3.05 0.00	45.95 3.75 0.00	41.70 3.02 0.00	35.91 2.13 0.00	34.39 2.04 0.00	31.71 1.96 0.00	29.80 2.13 0.00	25.90 1.67 0.00
EAST___DELAWARE_HYD 23607	24.51 1.08 0.00	20.87 0.75 0.00	20.71 0.64 0.00	19.77 0.58 0.00	19.64 0.50 0.00	20.78 0.57 0.00	22.20 0.79 0.00	22.12 0.97 0.00	25.94 1.30 0.00	27.02 1.38 0.00	26.75 1.42 0.00	28.05 1.51 0.00	29.21 1.65 0.00	29.23 0.82 0.00	30.29 0.80 0.00	32.38 1.03 0.00	36.28 1.26 0.00	43.80 1.60 0.00	40.00 1.32 0.00	34.63 0.84 0.00	33.12 0.78 0.00	31.33 1.58 0.00	29.19 1.52 0.00	25.42 1.19 0.00
EIGHT_POINT___WT_PWR 323820	24.76 1.33 0.00	20.97 0.85 0.00	20.83 0.76 0.00	19.93 0.73 0.00	19.91 0.77 0.00	21.06 0.85 0.00	22.50 1.09 0.00	22.12 0.97 0.00	25.55 0.91 0.00	26.51 0.87 0.00	26.19 0.86 0.00	27.39 0.85 0.00	28.36 0.80 0.00	29.41 0.74 -0.26	30.70 0.92 -0.29	32.45 0.75 -0.36	36.50 0.98 -0.49	44.01 1.06 -0.76	40.39 1.08 -0.63	35.89 1.66 -0.45	34.28 1.52 -0.41	31.49 1.43 -0.31	29.00 1.11 -0.22	25.65 1.31 -0.11
ELBRIDGE_115KV_TB2 80188	23.55 0.12 0.00	20.13 0.00 0.00	20.01 -0.06 0.00	19.14 -0.06 0.00	19.09 -0.06 0.00	20.19 -0.02 0.00	21.48 0.06 0.00	21.17 0.02 0.00	24.61 -0.02 0.00	25.59 -0.05 0.00	25.30 -0.03 0.00	26.51 -0.03 0.00	27.50 -0.06 0.00	29.75 -0.06 -1.40	31.04 -0.03 -1.58	33.18 -0.09 -1.93	37.62 -0.07 -2.66	46.15 -0.13 -4.08	41.98 -0.08 -3.37	36.28 0.07 -2.43	34.54 0.00 -2.19	31.47 0.06 -1.67	28.83 -0.03 -1.18	24.85 0.02 -0.59
ELEC_TRO_TEK 24086	25.75 1.97 -0.35	21.62 1.49 0.00	21.35 1.28 0.00	20.31 1.11 0.00	20.26 1.11 0.00	21.32 1.11 0.00	22.89 1.48 0.00	22.97 1.82 0.00	27.21 2.44 -0.13	28.32 2.67 -0.01	30.06 2.58 -2.14	30.22 2.71 -0.98	30.53 2.81 -0.16	31.45 2.84 -0.20	32.40 2.77 -0.13	35.75 3.13 -1.27	40.61 3.57 -2.01	51.46 4.39 -4.87	49.20 3.68 -6.84	36.57 2.77 -0.02	35.10 2.75 0.00	32.19 2.44 0.00	30.19 2.52 0.00	26.38 2.13 -0.02
ELLENBURG_WT_PWR 323604	22.89 -0.54 0.00	19.83 -0.30 0.00	19.89 -0.18 0.00	19.06 -0.13 0.00	19.01 -0.13 0.00	20.13 -0.08 0.00	21.20 -0.21 0.00	20.90 -0.25 0.00	24.37 -0.27 0.00	25.41 -0.23 0.00	25.08 -0.25 0.00	26.24 -0.29 0.00	27.23 -0.33 0.00	28.15 -0.26 0.00	29.29 -0.21 0.00	31.06 -0.28 0.00	34.68 -0.35 0.00	41.73 -0.46 0.00	38.53 -0.15 0.00	33.72 -0.07 0.00	32.25 -0.10 0.00	29.63 -0.12 0.00	27.59 -0.08 0.00	24.26 0.02 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.44 1.01 0.00	20.75 0.62 0.00	20.57 0.50 0.00	19.68 0.48 0.00	19.59 0.44 0.00	20.78 0.57 0.00	22.14 0.73 0.00	21.64 0.49 0.00	24.98 0.34 0.00	25.92 0.28 0.00	25.71 0.38 0.00	26.88 0.34 0.00	27.81 0.25 0.00	28.61 0.20 0.00	29.73 0.24 0.00	31.35 0.00 0.00	35.06 0.04 0.00	41.86 -0.34 0.00	38.41 -0.27 0.00	34.49 0.71 0.00	32.67 0.32 0.00	30.34 0.59 0.00	27.97 0.30 0.00	25.03 0.80 0.00
EMPIRE_CC_1 323656	24.16 0.73 0.00	20.69 0.56 0.00	20.57 0.50 0.00	19.64 0.44 0.00	19.60 0.46 0.00	20.68 0.47 0.00	22.12 0.71 0.00	21.87 0.72 0.00	25.52 0.89 0.00	26.51 0.87 0.00	26.16 0.83 0.00	27.44 0.90 0.00	28.52 0.96 0.00	29.43 1.02 0.00	30.50 1.00 0.00	32.47 1.13 0.00	36.18 1.15 0.00	43.63 1.44 0.00	40.04 1.35 0.00	34.80 1.01 0.00	33.29 0.94 0.00	30.64 0.89 0.00	28.53 0.86 0.00	25.03 0.80 0.00
EMPIRE_CC_2 323658	24.16 0.73 0.00	20.69 0.56 0.00	20.57 0.50 0.00	19.64 0.44 0.00	19.60 0.46 0.00	20.68 0.47 0.00	22.12 0.71 0.00	21.87 0.72 0.00	25.52 0.89 0.00	26.51 0.87 0.00	26.16 0.83 0.00	27.44 0.90 0.00	28.52 0.96 0.00	29.43 1.02 0.00	30.50 1.00 0.00	32.47 1.13 0.00	36.18 1.15 0.00	43.63 1.44 0.00	40.04 1.35 0.00	34.80 1.01 0.00	33.29 0.94 0.00	30.64 0.89 0.00	28.53 0.86 0.00	25.03 0.80 0.00
ENORWICH_115KV_TB1 80156	25.07 1.64 0.00	21.34 1.21 0.00	21.17 1.10 0.00	20.29 1.09 0.00	20.16 1.01 0.00	21.40 1.19 0.00	22.98 1.56 0.00	22.78 1.63 0.00	26.39 1.75 0.00	27.31 1.67 0.00	26.82 1.49 0.00	28.16 1.62 0.00	29.21 1.65 0.00	30.43 1.53 -0.49	31.76 1.71 -0.55	33.74 1.72 -0.67	38.02 2.07 -0.93	46.28 2.66 -1.43	42.65 2.79 -1.18	37.44 2.80 -0.85	35.96 2.85 -0.77	32.92 2.59 -0.58	30.30 2.21 -0.41	26.30 1.87 -0.21

ERIE_ST__34_KV_TB1-2 80199	24.58 1.15 0.00	20.85 0.72 0.00	20.67 0.60 0.00	19.77 0.58 0.00	19.68 0.54 0.00	20.88 0.67 0.00	22.29 0.88 0.00	21.79 0.63 0.00	25.18 0.54 0.00	26.15 0.51 0.00	25.94 0.61 0.00	27.15 0.61 0.00	28.08 0.52 0.00	28.95 0.54 0.00	30.11 0.62 0.00	31.75 0.41 0.00	35.55 0.53 0.00	42.45 0.25 0.00	38.96 0.27 0.00	34.87 1.08 0.00	33.00 0.65 0.00	30.61 0.86 0.00	28.22 0.55 0.00	25.27 1.04 0.00
ERIE_WT_PWR 323693	24.60 1.17 0.00	20.79 0.66 0.00	20.65 0.58 0.00	19.77 0.58 0.00	19.76 0.61 0.00	20.88 0.67 0.00	22.27 0.86 0.00	21.76 0.61 0.00	25.13 0.49 0.00	26.08 0.44 0.00	25.86 0.53 0.00	27.04 0.50 0.00	27.97 0.41 0.00	28.75 0.34 0.00	29.94 0.44 0.00	31.57 0.22 0.00	35.30 0.28 0.00	42.28 0.08 0.00	38.72 0.04 0.00	34.76 0.98 0.00	33.25 0.90 0.00	30.55 0.80 0.00	28.22 0.55 0.00	25.20 0.97 0.00
ESPRGFLD_115KV_TB1 80157	24.44 1.01 0.00	20.85 0.72 0.00	20.73 0.66 0.00	19.81 0.61 0.00	19.74 0.59 0.00	20.92 0.71 0.00	22.35 0.94 0.00	22.21 1.06 0.00	25.84 1.21 0.00	26.87 1.23 0.00	26.50 1.17 0.00	27.81 1.27 0.00	28.85 1.30 0.00	29.72 1.31 0.00	30.88 1.39 0.00	32.79 1.44 0.00	36.78 1.75 0.00	44.43 2.24 0.00	40.81 2.13 0.00	35.74 1.96 0.00	34.26 1.91 0.00	31.42 1.67 0.00	29.11 1.44 0.00	25.37 1.14 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.13 0.70 0.00	20.59 0.46 0.00	20.45 0.38 0.00	19.56 0.36 0.00	19.51 0.36 0.00	20.66 0.44 0.00	22.03 0.62 0.00	21.76 0.61 0.00	25.25 0.62 0.00	26.21 0.56 0.00	25.86 0.53 0.00	27.12 0.58 0.00	28.14 0.58 0.00	29.70 0.57 -0.73	30.99 0.68 -0.82	33.01 0.66 -1.00	37.22 0.81 -1.39	45.33 1.01 -2.12	41.49 1.04 -1.76	36.20 1.15 -1.27	34.49 1.00 -1.14	31.60 0.98 -0.87	29.09 0.80 -0.62	25.27 0.73 -0.31
ETNA____115KV_TB2 80207	24.13 0.70 0.00	20.59 0.46 0.00	20.45 0.38 0.00	19.56 0.36 0.00	19.51 0.36 0.00	20.66 0.44 0.00	22.03 0.62 0.00	21.76 0.61 0.00	25.25 0.62 0.00	26.21 0.56 0.00	25.86 0.53 0.00	27.12 0.58 0.00	28.14 0.58 0.00	29.70 0.57 -0.73	30.99 0.68 -0.82	33.01 0.66 -1.00	37.22 0.81 -1.39	45.33 1.01 -2.12	41.49 1.04 -1.76	36.20 1.15 -1.27	34.49 1.00 -1.14	31.60 0.98 -0.87	29.09 0.80 -0.62	25.27 0.73 -0.31
EUCLID____115KV_TB2 356179	23.33 -0.09 0.00	19.95 -0.18 0.00	19.85 -0.22 0.00	18.99 -0.21 0.00	18.94 -0.21 0.00	20.01 -0.20 0.00	21.30 -0.11 0.00	21.00 -0.15 0.00	24.41 -0.22 0.00	25.41 -0.23 0.00	25.13 -0.20 0.00	26.30 -0.24 0.00	27.28 -0.28 0.00	28.70 -0.31 -0.60	29.91 -0.27 -0.68	31.83 -0.34 -0.83	35.79 -0.39 -1.15	43.45 -0.51 -1.76	39.68 -0.46 -1.45	34.60 -0.24 -1.05	33.00 -0.29 -0.95	30.23 -0.24 -0.72	27.90 -0.28 -0.51	24.27 -0.22 -0.25
E_CANADA_CAP_HY 24051	24.55 1.12 0.00	20.97 0.85 0.00	20.85 0.78 0.00	19.91 0.71 0.00	19.78 0.63 0.00	21.04 0.83 0.00	22.44 1.03 0.00	22.33 1.18 0.00	25.94 1.30 0.00	26.92 1.28 0.00	26.52 1.19 0.00	27.84 1.30 0.00	28.91 1.35 0.00	29.80 1.39 0.00	31.00 1.50 0.00	32.88 1.54 0.00	36.88 1.86 0.00	44.64 2.45 0.00	41.08 2.40 0.00	36.05 2.26 0.00	34.58 2.23 0.00	31.66 1.91 0.00	29.30 1.63 0.00	25.49 1.26 0.00
E_CANADA_MHWK_HY 24050	24.04 0.61 0.00	20.61 0.48 0.00	20.53 0.46 0.00	19.64 0.44 0.00	19.66 0.52 0.00	20.68 0.47 0.00	22.08 0.66 0.00	21.83 0.68 0.00	25.40 0.76 0.00	26.41 0.77 0.00	26.01 0.68 0.00	27.23 0.69 0.00	28.25 0.69 0.00	29.06 0.65 0.00	30.14 0.65 0.00	32.01 0.66 0.00	35.80 0.77 0.00	43.21 1.01 0.00	39.69 1.00 0.00	34.76 0.98 0.00	33.35 1.00 0.00	30.67 0.92 0.00	28.53 0.86 0.00	24.98 0.75 0.00
E_FISHKILL____LBMP 23776	24.74 1.31 0.00	21.08 0.95 0.00	20.93 0.86 0.00	19.97 0.77 0.00	19.91 0.77 0.00	20.98 0.77 0.00	22.50 1.09 0.00	22.46 1.31 0.00	26.39 1.75 0.00	27.51 1.87 0.00	27.20 1.87 0.00	28.53 1.99 0.00	29.65 2.09 0.00	30.54 2.13 0.00	31.56 2.06 0.00	33.70 2.35 0.00	37.65 2.63 0.00	45.45 3.25 0.00	41.39 2.71 0.00	35.81 2.03 0.00	34.35 2.01 0.00	31.53 1.78 0.00	29.47 1.80 0.00	25.69 1.45 0.00
FALCON____SEABRD_CC1 323796	23.12 -0.31 0.00	20.03 -0.10 0.00	20.09 0.02 0.00	19.26 0.06 0.00	19.20 0.06 0.00	20.33 0.12 0.00	21.41 0.00 0.00	21.13 -0.02 0.00	24.61 -0.02 0.00	25.69 0.05 0.00	25.33 0.00 0.00	26.51 -0.03 0.00	27.53 -0.03 0.00	28.44 0.03 0.00	29.61 0.12 0.00	31.41 0.06 0.00	35.06 0.04 0.00	42.20 0.00 0.00	38.99 0.31 0.00	34.09 0.30 0.00	32.64 0.29 0.00	29.96 0.21 0.00	27.89 0.22 0.00	24.50 0.27 0.00
FALCON____SEABRD_CC2 323797	23.12 -0.31 0.00	20.03 -0.10 0.00	20.09 0.02 0.00	19.26 0.06 0.00	19.20 0.06 0.00	20.33 0.12 0.00	21.41 0.00 0.00	21.13 -0.02 0.00	24.61 -0.02 0.00	25.69 0.05 0.00	25.33 0.00 0.00	26.51 -0.03 0.00	27.53 -0.03 0.00	28.44 0.03 0.00	29.61 0.12 0.00	31.41 0.06 0.00	35.06 0.04 0.00	42.20 0.00 0.00	38.99 0.31 0.00	34.09 0.30 0.00	32.64 0.29 0.00	29.96 0.21 0.00	27.89 0.22 0.00	24.50 0.27 0.00
FAR ROCKAWAY____4 23548	26.12 2.34 -0.35	21.92 1.79 0.00	21.61 1.55 0.00	20.54 1.34 0.00	20.49 1.34 0.00	21.57 1.35 0.00	23.21 1.80 0.00	23.29 2.14 0.00	27.62 2.86 -0.13	28.78 3.13 -0.01	30.54 3.06 -2.14	30.75 3.24 -0.98	31.08 3.36 -0.16	32.05 3.44 -0.20	33.05 3.42 -0.13	36.29 3.67 -1.27	41.24 4.20 -2.01	52.22 5.15 -4.87	49.89 4.37 -6.84	37.14 3.34 -0.02	35.68 3.33 0.00	32.84 3.09 0.00	30.74 3.07 0.00	26.87 2.62 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.07 1.64 0.00	21.26 1.13 0.00	21.13 1.06 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.14 0.93 0.00	22.74 1.33 0.00	22.78 1.63 0.00	26.83 2.19 0.00	28.05 2.41 0.00	27.79 2.46 0.00	29.14 2.60 0.00	30.23 2.67 0.00	31.11 2.70 0.00	32.06 2.57 0.00	34.32 2.98 0.00	38.32 3.29 0.00	46.29 4.09 0.00	42.01 3.33 0.00	36.22 2.43 0.00	34.71 2.36 0.00	31.92 2.17 0.00	29.97 2.30 0.00	26.02 1.79 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.07 1.64 0.00	21.26 1.13 0.00	21.13 1.06 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.14 0.93 0.00	22.74 1.33 0.00	22.78 1.63 0.00	26.83 2.19 0.00	28.05 2.41 0.00	27.79 2.46 0.00	29.14 2.60 0.00	30.23 2.67 0.00	31.11 2.70 0.00	32.06 2.57 0.00	34.32 2.98 0.00	38.32 3.29 0.00	46.29 4.09 0.00	42.01 3.33 0.00	36.22 2.43 0.00	34.71 2.36 0.00	31.95 2.20 0.00	29.99 2.32 0.00	26.05 1.82 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.05 1.62 0.00	21.24 1.11 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.14 0.93 0.00	22.72 1.31 0.00	22.78 1.63 0.00	26.83 2.19 0.00	28.05 2.41 0.00	27.79 2.46 0.00	29.11 2.57 0.00	30.23 2.67 0.00	31.08 2.67 0.00	32.03 2.54 0.00	34.29 2.95 0.00	38.28 3.26 0.00	46.25 4.05 0.00	41.97 3.29 0.00	36.18 2.40 0.00	34.68 2.33 0.00	31.92 2.17 0.00	29.94 2.27 0.00	26.02 1.79 0.00

FARRAGUT___LBMP 323566	25.02 1.59 0.00	21.24 1.11 0.00	21.09 1.02 0.00	20.10 0.90 0.00	20.05 0.90 0.00	21.12 0.91 0.00	22.70 1.28 0.00	22.76 1.61 0.00	26.80 2.17 0.00	28.03 2.38 0.00	27.74 2.41 0.00	29.08 2.55 0.00	30.18 2.62 0.00	31.05 2.64 0.00	32.00 2.51 0.00	34.26 2.92 0.00	38.25 3.22 0.00	46.16 3.97 0.00	41.93 3.25 0.00	36.15 2.36 0.00	34.65 2.30 0.00	31.89 2.14 0.00	29.94 2.27 0.00	26.00 1.77 0.00
FENNER___WINDPWR 24204	23.92 0.49 0.00	20.45 0.32 0.00	20.35 0.28 0.00	19.47 0.27 0.00	19.43 0.29 0.00	20.52 0.30 0.00	21.90 0.49 0.00	21.66 0.51 0.00	25.18 0.54 0.00	26.20 0.56 0.00	25.84 0.51 0.00	27.09 0.56 0.00	28.14 0.58 0.00	29.51 0.54 -0.56	30.75 0.62 -0.63	32.71 0.59 -0.78	36.80 0.70 -1.07	44.73 0.89 -1.64	40.93 0.89 -1.36	35.68 0.91 -0.98	34.17 0.94 -0.88	31.25 0.83 -0.67	28.81 0.66 -0.48	25.03 0.56 -0.24
FIBERTEK___ENERGY 23856	23.57 0.14 0.00	20.15 0.02 0.00	20.03 -0.04 0.00	19.16 -0.04 0.00	19.11 -0.04 0.00	20.21 0.00 0.00	21.52 0.11 0.00	21.24 0.08 0.00	24.76 0.12 0.00	25.77 0.13 0.00	25.48 0.15 0.00	26.70 0.16 0.00	27.70 0.14 0.00	29.75 0.03 -1.31	31.06 0.09 -1.48	33.18 0.03 -1.81	37.56 0.04 -2.49	46.02 0.00 -3.82	41.89 0.04 -3.16	36.23 0.17 -2.28	34.50 0.10 -2.06	31.43 0.12 -1.56	28.84 0.06 -1.11	24.86 0.07 -0.55
FITZPATRICK____ 23598	22.96 -0.47 0.00	19.65 -0.48 0.00	19.54 -0.52 0.00	18.72 -0.48 0.00	18.69 -0.46 0.00	19.71 -0.50 0.00	20.96 -0.45 0.00	20.64 -0.51 0.00	23.97 -0.66 0.00	24.95 -0.69 0.00	24.65 -0.68 0.00	25.82 -0.72 0.00	26.79 -0.77 0.00	20.43 -0.80 7.19	20.58 -0.79 8.12	20.52 -0.91 9.92	20.35 -0.98 13.70	19.97 -1.23 21.00	20.20 -1.12 17.36	20.42 -0.84 12.52	20.27 -0.78 11.30	20.43 -0.74 8.58	20.85 -0.72 6.10	20.59 -0.60 3.04
FLOWRFLD_69_KV_BK1 356044	26.62 2.83 -0.35	22.32 2.19 0.00	21.97 1.91 0.00	20.89 1.69 0.00	20.83 1.68 0.00	21.91 1.70 0.00	23.34 1.93 0.00	23.37 2.22 0.00	27.90 3.13 -0.13	28.94 3.28 -0.01	30.51 3.04 -2.14	30.67 3.16 -0.98	31.02 3.31 -0.16	31.94 3.32 -0.20	33.05 3.42 -0.13	36.54 3.92 -1.27	41.63 4.59 -2.01	72.63 5.57 -24.86	50.42 4.80 -6.94	37.55 3.75 -0.02	35.91 3.56 0.00	32.75 3.00 0.00	30.69 3.02 0.00	26.94 2.69 -0.02
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.93 1.50 0.00	21.24 1.11 0.00	21.07 1.00 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.12 0.91 0.00	22.65 1.24 0.00	22.59 1.44 0.00	26.53 1.90 0.00	27.64 2.00 0.00	27.38 2.05 0.00	28.71 2.18 0.00	29.90 2.34 0.00	30.77 2.39 0.00	31.88 2.08 0.00	34.04 2.70 0.00	38.11 3.08 0.00	45.95 3.76 0.00	41.90 3.21 0.00	36.28 2.50 0.00	34.77 2.43 0.00	31.89 2.14 0.00	29.77 2.10 0.00	25.93 1.70 0.00
FORT ORANGE____ 23900	24.11 0.68 0.00	20.63 0.50 0.00	20.49 0.42 0.00	19.58 0.38 0.00	19.53 0.38 0.00	20.59 0.38 0.00	22.08 0.66 0.00	21.91 0.76 0.00	25.55 0.91 0.00	26.51 0.87 0.00	26.16 0.83 0.00	27.44 0.90 0.00	28.55 0.99 0.00	29.46 1.05 0.00	30.56 1.06 0.00	32.51 1.16 0.00	36.25 1.23 0.00	43.76 1.56 0.00	40.15 1.47 0.00	34.97 1.18 0.00	33.45 1.10 0.00	30.73 0.98 0.00	28.61 0.94 0.00	25.01 0.78 0.00
FORT_DRUM_COGEN 23780	23.94 0.52 0.00	20.47 0.34 0.00	20.39 0.32 0.00	19.56 0.36 0.00	19.43 0.29 0.00	20.58 0.36 0.00	21.93 0.51 0.00	21.66 0.51 0.00	25.28 0.64 0.00	26.23 0.59 0.00	25.84 0.51 0.00	27.12 0.58 0.00	28.14 0.58 0.00	29.73 0.28 -1.04	31.00 0.32 -1.18	33.00 0.22 -1.44	37.19 0.18 -1.98	45.62 0.38 -3.04	41.90 0.70 -2.52	36.51 0.91 -1.81	35.09 1.10 -1.64	32.06 1.07 -1.24	29.38 0.83 -0.88	25.30 0.63 -0.44
FPL_FAR_ROCK_GT1 24212	26.12 2.34 -0.35	21.95 1.81 -0.01	21.61 1.55 0.00	20.54 1.34 0.00	20.47 1.32 0.00	21.57 1.35 0.00	23.21 1.80 0.00	23.29 2.14 0.00	27.60 2.83 -0.13	28.78 3.13 -0.01	30.54 3.06 -2.15	30.76 3.24 -0.98	31.08 3.36 -0.16	32.05 3.44 -0.21	33.05 3.42 -0.13	36.29 3.67 -1.27	41.24 4.20 -2.01	52.17 5.10 -4.87	49.89 4.37 -6.84	37.18 3.38 -0.02	35.56 3.20 -0.01	32.85 3.09 0.00	30.69 3.02 0.00	26.87 2.62 -0.02
FPL_FAR_ROCK_GT2 23815	26.12 2.34 -0.35	21.95 1.81 -0.01	21.61 1.55 0.00	20.54 1.34 0.00	20.47 1.32 0.00	21.57 1.35 0.00	23.21 1.80 0.00	23.29 2.14 0.00	27.60 2.83 -0.13	28.78 3.13 -0.01	30.54 3.06 -2.15	30.76 3.24 -0.98	31.08 3.36 -0.16	32.05 3.44 -0.21	33.05 3.42 -0.13	36.29 3.67 -1.27	41.24 4.20 -2.01	52.17 5.10 -4.87	49.89 4.37 -6.84	37.18 3.38 -0.02	35.56 3.20 -0.01	32.85 3.09 0.00	30.69 3.02 0.00	26.87 2.62 -0.02
FRANKLIN_FALL_HYD 24054	22.96 -0.47 0.00	19.91 -0.22 0.00	19.95 -0.12 0.00	19.14 -0.06 0.00	19.11 -0.04 0.00	20.19 -0.02 0.00	21.26 -0.15 0.00	20.90 -0.25 0.00	24.32 -0.32 0.00	25.33 -0.31 0.00	25.00 -0.33 0.00	26.16 -0.37 0.00	27.17 -0.39 0.00	28.07 -0.34 0.00	29.20 -0.29 0.00	31.00 -0.34 0.00	34.57 -0.46 0.00	41.61 -0.59 0.00	38.41 -0.27 0.00	33.62 -0.17 0.00	32.19 -0.16 0.00	29.60 -0.15 0.00	27.59 -0.08 0.00	24.23 0.00 0.00
FREEPORT_EQUS_GT1 23764	26.01 2.23 -0.35	21.87 1.73 -0.01	21.53 1.46 0.00	20.48 1.29 0.00	20.37 1.23 0.00	21.51 1.29 0.00	23.10 1.69 0.00	23.18 2.03 0.00	27.45 2.69 -0.13	28.60 2.95 -0.01	30.34 2.86 -2.15	30.51 3.00 -0.98	30.86 3.14 -0.16	31.79 3.18 -0.20	32.78 3.16 -0.13	36.19 3.57 -1.27	41.13 4.10 -2.01	52.05 4.98 -4.87	49.78 4.26 -6.84	37.08 3.28 -0.02	35.43 3.07 -0.01	32.55 2.80 0.00	30.44 2.77 0.00	26.70 2.45 -0.02
FREEPORT___CT2 23818	26.01 2.23 -0.35	21.87 1.73 -0.01	21.53 1.46 0.00	20.48 1.29 0.00	20.37 1.23 0.00	21.51 1.29 0.00	23.10 1.69 0.00	23.18 2.03 0.00	27.45 2.69 -0.13	28.60 2.95 -0.01	30.34 2.86 -2.15	30.51 3.00 -0.98	30.86 3.14 -0.16	31.79 3.18 -0.20	32.78 3.16 -0.13	36.19 3.57 -1.27	41.13 4.10 -2.01	52.05 4.98 -4.87	49.78 4.26 -6.84	37.08 3.28 -0.02	35.43 3.07 -0.01	32.55 2.80 0.00	30.44 2.77 0.00	26.70 2.45 -0.02
FRESHKLS_33_KV_LOAD 356253	25.16 1.73 0.00	21.20 1.07 0.00	21.11 1.04 0.00	20.02 0.83 0.00	19.99 0.84 0.00	20.94 0.73 0.00	22.45 1.05 0.01	22.58 1.44 0.01	26.72 2.09 0.01	27.97 2.33 0.01	27.78 2.46 0.01	29.16 2.63 0.01	30.25 2.70 0.01	31.18 2.78 0.01	32.08 2.60 0.01	34.44 3.10 0.01	38.28 3.26 0.01	46.28 4.09 0.01	41.93 3.25 0.01	35.94 2.16 0.01	34.64 2.30 0.01	31.85 2.11 0.01	29.99 2.32 0.01	25.98 1.74 0.00
FULTON COGEN____ 23766	23.31 -0.12 0.00	19.95 -0.18 0.00	19.83 -0.24 0.00	18.99 -0.21 0.00	18.94 -0.21 0.00	19.99 -0.22 0.00	21.28 -0.13 0.00	20.98 -0.17 0.00	24.88 0.25 0.00	25.92 0.28 0.00	25.61 0.28 0.00	26.83 0.29 0.00	27.86 0.30 0.00	30.42 -0.34 -2.35	31.83 -0.32 -2.66	34.18 -0.41 -3.25	39.09 -0.42 -4.48	48.52 -0.55 -6.87	43.90 -0.46 -5.68	37.61 -0.27 -4.10	35.72 -0.32 -3.70	32.35 -0.21 -2.81	29.39 -0.28 -1.99	25.03 -0.19 -0.99



FULTON___LFGE 323630	25.14 1.71 0.00	21.48 1.35 0.00	21.33 1.26 0.00	20.39 1.19 0.00	20.52 1.38 0.00	21.55 1.33 0.00	23.34 1.93 0.00	23.31 2.16 0.00	26.93 2.29 0.00	27.77 2.13 0.00	27.25 1.92 0.00	28.61 2.07 0.00	29.71 2.15 0.00	30.65 2.24 0.00	32.00 2.51 0.00	33.92 2.57 0.00	38.14 3.12 0.00	46.42 4.22 0.00	42.86 4.18 0.00	37.90 4.12 0.00	36.33 3.98 0.00	33.20 3.45 0.00	30.66 2.99 0.00	26.61 2.38 0.00
G.F.CEMENT___DRP 24184	24.65 1.22 0.00	21.08 0.95 0.00	20.95 0.88 0.00	20.00 0.81 0.00	19.95 0.80 0.00	21.08 0.87 0.00	22.48 1.07 0.00	22.42 1.27 0.00	26.11 1.48 0.00	27.13 1.49 0.00	26.57 1.24 0.00	27.92 1.38 0.00	28.88 1.32 0.00	29.74 1.34 0.00	31.00 1.50 0.00	32.79 1.44 0.00	36.64 1.61 0.00	44.39 2.19 0.00	41.04 2.36 0.00	36.01 2.23 0.00	34.61 2.26 0.00	31.80 2.05 0.00	29.50 1.83 0.00	25.69 1.45 0.00
GARDENVILLE___LBMP 24039	24.48 1.05 0.00	20.77 0.64 0.00	20.59 0.52 0.00	19.72 0.52 0.00	19.62 0.48 0.00	20.82 0.61 0.00	22.18 0.77 0.00	21.68 0.53 0.00	25.03 0.39 0.00	26.00 0.36 0.00	25.76 0.43 0.00	26.93 0.40 0.00	27.89 0.33 0.00	28.69 0.28 0.00	29.82 0.32 0.00	31.44 0.09 0.00	35.17 0.14 0.00	42.03 -0.17 0.00	38.57 -0.12 0.00	34.60 0.81 0.00	32.77 0.42 0.00	30.43 0.68 0.00	28.06 0.39 0.00	25.10 0.87 0.00
GARDNVLA_35_KV_LD 355827	24.60 1.17 0.00	20.85 0.72 0.00	20.67 0.60 0.00	19.79 0.60 0.00	19.68 0.54 0.00	20.88 0.67 0.00	22.27 0.86 0.00	21.79 0.63 0.00	25.15 0.52 0.00	26.13 0.49 0.00	25.91 0.58 0.00	27.09 0.56 0.00	28.03 0.47 0.00	28.84 0.43 0.00	30.00 0.50 0.00	31.63 0.28 0.00	35.38 0.35 0.00	42.24 0.04 0.00	38.80 0.12 0.00	34.80 1.01 0.00	32.93 0.58 0.00	30.58 0.83 0.00	28.22 0.55 0.00	25.22 0.99 0.00
GELCKHM___115KV_LOAD 80723	23.43 0.00 0.00	20.03 -0.10 0.00	19.91 -0.16 0.00	19.04 -0.15 0.00	18.99 -0.15 0.00	20.07 -0.14 0.00	21.37 -0.04 0.00	21.07 -0.08 0.00	24.54 -0.10 0.00	25.54 -0.10 0.00	25.23 -0.10 0.00	26.43 -0.11 0.00	27.42 -0.14 0.00	29.07 -0.20 -0.86	30.32 -0.15 -0.97	32.31 -0.22 -1.19	36.42 -0.25 -1.64	44.37 -0.34 -2.51	40.49 -0.27 -2.08	35.18 -0.10 -1.50	33.54 -0.16 -1.35	30.66 -0.12 -1.03	28.23 -0.17 -0.73	24.47 -0.12 -0.36
GENERAL___MILLS 23808	24.55 1.12 0.00	20.83 0.70 0.00	20.65 0.58 0.00	19.75 0.56 0.00	19.66 0.52 0.00	20.86 0.65 0.00	22.25 0.84 0.00	21.74 0.59 0.00	25.10 0.47 0.00	26.05 0.41 0.00	25.84 0.51 0.00	27.01 0.48 0.00	27.94 0.39 0.00	28.78 0.37 0.00	29.91 0.41 0.00	31.53 0.19 0.00	35.27 0.25 0.00	42.11 -0.08 0.00	38.68 0.00 0.00	34.70 0.91 0.00	32.87 0.52 0.00	30.52 0.77 0.00	28.14 0.47 0.00	25.18 0.95 0.00
GE_PLASTICS___DRP 24183	24.11 0.68 0.00	20.61 0.48 0.00	20.49 0.42 0.00	19.58 0.38 0.00	19.55 0.40 0.00	20.60 0.38 0.00	22.05 0.64 0.00	21.89 0.74 0.00	25.52 0.89 0.00	26.54 0.90 0.00	26.22 0.89 0.00	27.47 0.93 0.00	28.58 1.02 0.00	29.46 1.05 0.00	30.56 1.06 0.00	32.51 1.16 0.00	36.29 1.26 0.00	43.76 1.56 0.00	40.08 1.39 0.00	34.90 1.11 0.00	33.45 1.10 0.00	30.70 0.95 0.00	28.58 0.91 0.00	25.01 0.78 0.00
GILBOA___1 23756	24.20 0.77 0.00	20.69 0.56 0.00	20.57 0.50 0.00	19.66 0.46 0.00	19.60 0.46 0.00	20.68 0.47 0.00	22.10 0.69 0.00	21.95 0.80 0.00	25.62 0.99 0.00	26.67 1.03 0.00	26.34 1.01 0.00	27.60 1.06 0.00	28.69 1.13 0.00	29.57 1.17 0.00	30.64 1.15 0.00	32.63 1.29 0.00	36.46 1.44 0.00	43.93 1.73 0.00	40.23 1.55 0.00	35.00 1.21 0.00	33.48 1.13 0.00	30.79 1.04 0.00	28.69 1.02 0.00	25.10 0.87 0.00
GILBOA___2 23757	24.20 0.77 0.00	20.69 0.56 0.00	20.57 0.50 0.00	19.66 0.46 0.00	19.60 0.46 0.00	20.68 0.47 0.00	22.10 0.69 0.00	21.95 0.80 0.00	25.62 0.99 0.00	26.67 1.03 0.00	26.34 1.01 0.00	27.60 1.06 0.00	28.69 1.13 0.00	29.57 1.17 0.00	30.64 1.15 0.00	32.63 1.29 0.00	36.46 1.44 0.00	43.93 1.73 0.00	40.23 1.55 0.00	35.00 1.21 0.00	33.48 1.13 0.00	30.79 1.04 0.00	28.69 1.02 0.00	25.10 0.87 0.00
GILBOA___3 23758	24.20 0.77 0.00	20.69 0.56 0.00	20.57 0.50 0.00	19.66 0.46 0.00	19.60 0.46 0.00	20.68 0.47 0.00	22.10 0.69 0.00	21.95 0.80 0.00	25.62 0.99 0.00	26.67 1.03 0.00	26.34 1.01 0.00	27.60 1.06 0.00	28.69 1.13 0.00	29.57 1.17 0.00	30.64 1.15 0.00	32.63 1.29 0.00	36.46 1.44 0.00	43.93 1.73 0.00	40.23 1.55 0.00	35.00 1.21 0.00	33.48 1.13 0.00	30.79 1.04 0.00	28.69 1.02 0.00	25.10 0.87 0.00
GILBOA___4 23759	24.20 0.77 0.00	20.69 0.56 0.00	20.57 0.50 0.00	19.66 0.46 0.00	19.60 0.46 0.00	20.68 0.47 0.00	22.10 0.69 0.00	21.95 0.80 0.00	25.62 0.99 0.00	26.67 1.03 0.00	26.34 1.01 0.00	27.60 1.06 0.00	28.69 1.13 0.00	29.57 1.17 0.00	30.64 1.15 0.00	32.63 1.29 0.00	36.46 1.44 0.00	43.93 1.73 0.00	40.23 1.55 0.00	35.00 1.21 0.00	33.48 1.13 0.00	30.79 1.04 0.00	28.69 1.02 0.00	25.10 0.87 0.00
GILBOA___ 23599	24.20 0.77 0.00	20.69 0.56 0.00	20.57 0.50 0.00	19.66 0.46 0.00	19.61 0.46 0.00	20.68 0.46 0.00	22.10 0.69 0.00	21.95 0.80 0.00	25.62 0.99 0.00	26.67 1.03 0.00	26.34 1.01 0.00	27.60 1.06 0.00	28.69 1.13 0.00	29.57 1.16 0.00	30.65 1.15 0.00	32.63 1.29 0.00	36.46 1.44 0.00	43.97 1.77 0.00	40.23 1.55 0.00	35.00 1.22 0.00	33.55 1.20 0.00	30.79 1.04 0.00	28.69 1.02 0.00	25.10 0.87 0.00
GINNA___ 23603	22.94 -0.49 0.00	19.48 -0.64 0.00	19.36 -0.70 0.00	18.53 -0.67 0.00	18.48 -0.67 0.00	19.52 -0.69 0.00	20.79 -0.62 0.00	20.50 -0.66 0.00	23.77 -0.86 0.00	24.74 -0.90 0.00	24.49 -0.84 0.00	25.66 -0.88 0.00	26.57 -0.99 0.00	27.33 -1.08 0.00	28.40 -1.09 0.00	30.03 -1.32 0.00	33.56 -1.47 0.00	40.38 -1.81 0.00	37.02 -1.66 0.00	32.84 -0.95 0.00	31.48 -0.87 0.00	28.86 -0.89 0.00	26.76 -0.91 0.00	23.58 -0.65 0.00
GLEN PARK___ 23778	24.06 0.63 0.00	20.57 0.44 0.00	20.47 0.40 0.00	19.64 0.44 0.00	19.53 0.38 0.00	20.68 0.47 0.00	22.03 0.62 0.00	21.78 0.63 0.00	25.42 0.79 0.00	26.39 0.74 0.00	25.99 0.66 0.00	27.31 0.77 0.00	28.30 0.74 0.00	29.93 0.43 -1.09	31.20 0.47 -1.24	33.20 0.35 -1.51	37.43 0.31 -2.09	45.98 0.59 -3.20	42.25 0.93 -2.64	36.84 1.15 -1.91	35.53 1.46 -1.72	32.33 1.28 -1.31	29.62 1.02 -0.93	25.47 0.78 -0.46
GLENDALE_27_KV_LOAD 356172	25.23 1.80 0.00	21.34 1.21 0.00	21.21 1.14 0.00	20.20 1.00 0.00	20.16 1.01 0.00	21.18 0.97 0.00	22.76 1.35 0.00	22.86 1.71 0.00	26.98 2.34 0.00	28.21 2.56 0.00	28.02 2.68 -0.01	29.38 2.84 -0.01	30.48 2.92 0.00	31.39 2.98 0.00	32.30 2.80 0.00	34.61 3.26 0.00	38.53 3.50 0.00	46.54 4.35 0.00	42.21 3.52 0.00	36.25 2.47 0.00	34.81 2.46 0.00	32.07 2.32 0.00	30.19 2.52 0.00	26.15 1.91 0.00

GLENWOOD_IC_1_G5 23712	25.70 1.92 -0.35	21.58 1.45 0.00	21.33 1.26 0.00	20.31 1.11 0.00	20.26 1.11 0.00	21.34 1.13 0.00	22.91 1.50 0.00	22.97 1.82 0.00	27.21 2.44 -0.13	28.32 2.67 -0.01	30.13 2.66 -2.14	30.33 2.81 -0.98	30.66 2.95 -0.16	31.62 3.01 -0.20	32.57 2.95 -0.13	35.94 3.32 -1.27	40.54 3.50 -2.01	51.37 4.30 -4.87	49.12 3.60 -6.84	36.74 2.94 -0.02	35.23 2.88 0.00	32.31 2.56 0.00	30.22 2.55 0.00	26.38 2.13 -0.02
GLENWOOD_IC_2_G1 23688	25.54 1.76 -0.35	21.45 1.31 -0.01	21.23 1.16 0.00	20.21 1.02 0.00	20.12 0.98 0.00	21.24 1.03 0.00	22.80 1.39 0.00	22.84 1.69 0.00	27.01 2.24 -0.13	28.12 2.46 -0.01	29.93 2.46 -2.14	30.12 2.60 -0.98	30.42 2.70 -0.16	31.37 2.75 -0.20	32.31 2.68 -0.13	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.00 3.48 -6.84	36.47 2.67 -0.02	34.85 2.49 -0.01	32.07 2.32 0.00	29.99 2.32 0.00	26.19 1.94 -0.02
GLENWOOD_IC_3_G1 23689	25.54 1.76 -0.35	21.45 1.31 -0.01	21.23 1.16 0.00	20.21 1.02 0.00	20.12 0.98 0.00	21.24 1.03 0.00	22.80 1.39 0.00	22.84 1.69 0.00	27.01 2.24 -0.13	28.12 2.46 -0.01	29.93 2.46 -2.14	30.12 2.60 -0.98	30.42 2.70 -0.16	31.37 2.75 -0.20	32.31 2.68 -0.13	35.66 3.04 -1.27	40.47 3.43 -2.01	51.25 4.18 -4.87	49.00 3.48 -6.84	36.47 2.67 -0.02	34.85 2.49 -0.01	32.07 2.32 0.00	29.99 2.32 0.00	26.19 1.94 -0.02
GLENWOOD___4 23550	25.70 1.92 -0.35	21.58 1.45 0.00	21.33 1.26 0.00	20.31 1.11 0.00	20.26 1.11 0.00	21.34 1.13 0.00	22.91 1.50 0.00	22.97 1.82 0.00	27.21 2.44 -0.13	28.32 2.67 -0.01	30.13 2.66 -2.14	30.33 2.81 -0.98	30.66 2.95 -0.16	31.62 3.01 -0.20	32.57 2.95 -0.13	35.94 3.32 -1.27	40.65 3.61 -2.01	51.50 4.43 -4.87	49.24 3.71 -6.84	36.74 2.94 -0.02	35.23 2.88 0.00	32.31 2.56 0.00	30.22 2.55 0.00	26.38 2.13 -0.02
GLENWOOD___5 23614	25.70 1.92 -0.35	21.58 1.45 0.00	21.33 1.26 0.00	20.31 1.11 0.00	20.26 1.11 0.00	21.34 1.13 0.00	22.91 1.50 0.00	22.97 1.82 0.00	27.21 2.44 -0.13	28.32 2.67 -0.01	30.13 2.66 -2.14	30.33 2.81 -0.98	30.66 2.95 -0.16	31.62 3.01 -0.20	32.57 2.95 -0.13	35.94 3.32 -1.27	40.65 3.61 -2.01	51.50 4.43 -4.87	49.24 3.71 -6.84	36.74 2.94 -0.02	35.23 2.88 0.00	32.31 2.56 0.00	30.22 2.55 0.00	26.38 2.13 -0.02
GLOBAL GREEN_PORT_GT1 23814	27.76 3.98 -0.35	23.32 3.18 -0.01	22.94 2.87 0.00	21.79 2.59 0.00	21.50 2.35 0.00	22.84 2.63 0.00	24.19 2.78 0.00	24.15 3.00 0.00	29.03 4.26 -0.13	30.12 4.46 -0.01	31.68 4.21 -2.14	31.97 4.46 -0.98	32.37 4.66 -0.16	33.38 4.77 -0.20	34.55 4.93 -0.13	38.23 5.61 -1.27	43.59 6.55 -2.01	72.15 7.89 -22.07	52.53 6.92 -6.92	39.31 5.51 -0.02	37.40 5.04 -0.01	34.12 4.37 0.00	31.71 4.04 0.00	27.83 3.59 -0.02
GLOBE___DSASP 323697	23.94 0.52 0.00	20.33 0.20 0.00	20.15 0.08 0.00	19.31 0.12 0.00	19.22 0.08 0.00	20.33 0.12 0.00	21.48 0.06 0.00	20.94 -0.21 0.00	24.17 -0.47 0.00	25.05 -0.59 0.00	24.87 -0.46 0.00	25.98 -0.56 0.00	26.90 -0.66 0.00	27.64 -0.77 0.00	28.70 -0.80 0.00	30.25 -1.10 0.00	33.76 -1.26 0.00	40.26 -1.94 0.00	36.98 -1.70 0.00	33.31 -0.47 0.00	31.54 -0.81 0.00	29.33 -0.42 0.00	27.06 -0.61 0.00	24.26 0.02 0.00
GOETHSLN___LBMP 323567	24.90 1.48 0.00	21.12 0.99 0.00	20.99 0.92 0.00	19.99 0.79 0.00	19.95 0.80 0.00	21.02 0.81 0.00	22.61 1.20 0.00	22.67 1.52 0.00	26.71 2.07 0.00	27.92 2.28 0.00	27.66 2.33 0.00	28.98 2.44 0.00	30.04 2.48 0.00	30.91 2.50 0.00	31.82 2.33 0.00	34.07 2.73 0.00	38.07 3.05 0.00	45.95 3.76 0.00	41.70 3.02 0.00	35.95 2.16 0.00	34.45 2.10 0.00	31.74 1.99 0.00	29.80 2.13 0.00	25.90 1.67 0.00
GOLAH___69_KV_TB 1_2 80279	24.25 0.82 0.00	20.59 0.46 0.00	20.43 0.36 0.00	19.56 0.36 0.00	19.47 0.33 0.00	20.64 0.42 0.00	21.97 0.56 0.00	21.57 0.42 0.00	24.98 0.34 0.00	25.95 0.31 0.00	25.71 0.38 0.00	26.91 0.37 0.00	27.89 0.33 0.00	28.66 0.26 0.00	29.73 0.24 0.00	31.41 0.06 0.00	35.17 0.14 0.00	42.11 -0.08 0.00	38.65 -0.04 0.00	34.49 0.71 0.00	32.70 0.36 0.00	30.29 0.54 0.00	28.03 0.36 0.00	24.89 0.65 0.00
GOODYEAR_LAKE_HYD 323669	24.37 0.94 0.00	20.79 0.66 0.00	20.67 0.60 0.00	19.75 0.56 0.00	19.68 0.54 0.00	20.84 0.63 0.00	22.27 0.86 0.00	22.08 0.93 0.00	25.75 1.11 0.00	26.82 1.18 0.00	26.47 1.14 0.00	27.76 1.22 0.00	28.83 1.27 0.00	29.66 1.25 0.00	30.82 1.33 0.00	32.76 1.41 0.00	36.71 1.68 0.00	44.22 2.03 0.00	40.54 1.86 0.00	35.44 1.66 0.00	33.97 1.62 0.00	31.18 1.43 0.00	28.94 1.27 0.00	25.27 1.04 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.01 0.59 0.00	20.49 0.36 0.00	20.35 0.28 0.00	19.47 0.27 0.00	19.41 0.27 0.00	20.54 0.32 0.00	21.90 0.49 0.00	21.62 0.47 0.00	25.10 0.47 0.00	26.10 0.46 0.00	25.79 0.46 0.00	27.01 0.48 0.00	28.03 0.47 0.00	29.37 0.48 -0.48	30.60 0.56 -0.55	32.54 0.53 -0.67	36.65 0.70 -0.92	44.37 0.76 -1.41	40.55 0.70 -1.17	35.44 0.81 -0.84	33.75 0.65 -0.76	30.98 0.65 -0.58	28.60 0.53 -0.41	25.02 0.58 -0.20
GOUDEY___7 23579	24.04 0.61 0.00	20.51 0.38 0.00	20.37 0.30 0.00	19.49 0.29 0.00	19.41 0.27 0.00	20.56 0.34 0.00	21.93 0.51 0.00	21.64 0.49 0.00	25.13 0.49 0.00	26.13 0.49 0.00	25.84 0.51 0.00	27.07 0.53 0.00	28.08 0.52 0.00	29.40 0.51 -0.48	30.66 0.62 -0.55	32.61 0.60 -0.67	36.72 0.77 -0.92	44.41 0.80 -1.41	40.59 0.74 -1.17	35.50 0.88 -0.84	33.79 0.68 -0.76	31.01 0.68 -0.58	28.63 0.55 -0.41	25.07 0.63 -0.20
GOUDEY___8 23580	24.01 0.59 0.00	20.49 0.36 0.00	20.35 0.28 0.00	19.47 0.27 0.00	19.41 0.27 0.00	20.54 0.32 0.00	21.90 0.49 0.00	21.62 0.47 0.00	25.10 0.47 0.00	26.10 0.46 0.00	25.79 0.46 0.00	27.01 0.48 0.00	28.03 0.47 0.00	29.37 0.48 -0.48	30.60 0.56 -0.55	32.54 0.53 -0.67	36.65 0.70 -0.92	44.37 0.76 -1.41	40.55 0.70 -1.17	35.44 0.81 -0.84	33.75 0.65 -0.76	30.98 0.65 -0.58	28.60 0.53 -0.41	25.02 0.58 -0.20
GOWANUS_GT1_1 24077	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.88 2.24 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.42 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.50 4.30 0.00	42.13 3.44 0.00	36.15 2.36 0.00	34.77 2.43 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.10 1.87 0.00
GOWANUS_GT1_2 24078	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.88 2.24 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.42 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.50 4.30 0.00	42.13 3.44 0.00	36.15 2.36 0.00	34.77 2.43 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.10 1.87 0.00

GOWANUS_GT1_3 24079	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.88 2.24 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.42 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.50 4.30 0.00	42.13 3.44 0.00	36.15 2.36 0.00	34.77 2.43 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.10 1.87 0.00
GOWANUS_GT1_4 24080	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.88 2.24 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.42 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.50 4.30 0.00	42.13 3.44 0.00	36.15 2.36 0.00	34.77 2.43 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.10 1.87 0.00
GOWANUS_GT1_5 24084	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.88 2.24 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.42 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.50 4.30 0.00	42.13 3.44 0.00	36.15 2.36 0.00	34.77 2.43 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.10 1.87 0.00
GOWANUS_GT1_6 24111	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.88 2.24 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.42 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.50 4.30 0.00	42.13 3.44 0.00	36.15 2.36 0.00	34.77 2.43 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.10 1.87 0.00
GOWANUS_GT1_7 24112	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.88 2.24 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.42 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.50 4.30 0.00	42.13 3.44 0.00	36.15 2.36 0.00	34.77 2.43 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.10 1.87 0.00
GOWANUS_GT1_8 24113	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.88 2.24 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.42 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.50 4.30 0.00	42.13 3.44 0.00	36.15 2.36 0.00	34.77 2.43 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.10 1.87 0.00
GOWANUS_GT2_1 24114	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
GOWANUS_GT2_2 24115	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
GOWANUS_GT2_3 24116	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
GOWANUS_GT2_4 24117	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
GOWANUS_GT2_5 24118	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
GOWANUS_GT2_6 24119	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
GOWANUS_GT2_7 24120	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
GOWANUS_GT2_8 24121	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
GOWANUS_GT3_1 24122	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00

GOWANUS_GT3_2 24123	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.06 <u>0.92</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.80 <u>2.17</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.43 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.46 <u>4.26</u> 0.00	42.13 <u>3.44</u> 0.00	36.11 <u>2.33</u> 0.00	34.68 <u>2.33</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.07 <u>1.84</u> 0.00
GOWANUS_GT3_3 24124	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.06 <u>0.92</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.80 <u>2.17</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.43 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.46 <u>4.26</u> 0.00	42.13 <u>3.44</u> 0.00	36.11 <u>2.33</u> 0.00	34.68 <u>2.33</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.07 <u>1.84</u> 0.00
GOWANUS_GT3_4 24125	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.06 <u>0.92</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.80 <u>2.17</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.43 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.46 <u>4.26</u> 0.00	42.13 <u>3.44</u> 0.00	36.11 <u>2.33</u> 0.00	34.68 <u>2.33</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.07 <u>1.84</u> 0.00
GOWANUS_GT3_5 24126	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.06 <u>0.92</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.80 <u>2.17</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.43 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.46 <u>4.26</u> 0.00	42.13 <u>3.44</u> 0.00	36.11 <u>2.33</u> 0.00	34.68 <u>2.33</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.07 <u>1.84</u> 0.00
GOWANUS_GT3_6 24127	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.06 <u>0.92</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.80 <u>2.17</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.43 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.46 <u>4.26</u> 0.00	42.13 <u>3.44</u> 0.00	36.11 <u>2.33</u> 0.00	34.68 <u>2.33</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.07 <u>1.84</u> 0.00
GOWANUS_GT3_7 24128	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.06 <u>0.92</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.80 <u>2.17</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.43 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.46 <u>4.26</u> 0.00	42.13 <u>3.44</u> 0.00	36.11 <u>2.33</u> 0.00	34.68 <u>2.33</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.07 <u>1.84</u> 0.00
GOWANUS_GT3_8 24129	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.06 <u>0.92</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.80 <u>2.17</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.43 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.46 <u>4.26</u> 0.00	42.13 <u>3.44</u> 0.00	36.11 <u>2.33</u> 0.00	34.68 <u>2.33</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.07 <u>1.84</u> 0.00
GOWANUS_GT4_1 24130	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.08 <u>0.94</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.88 <u>2.24</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.42 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.50 <u>4.30</u> 0.00	42.13 <u>3.44</u> 0.00	36.15 <u>2.36</u> 0.00	34.77 <u>2.43</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.10 <u>1.87</u> 0.00
GOWANUS_GT4_2 24131	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.08 <u>0.94</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.88 <u>2.24</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.42 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.50 <u>4.30</u> 0.00	42.13 <u>3.44</u> 0.00	36.15 <u>2.36</u> 0.00	34.77 <u>2.43</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.10 <u>1.87</u> 0.00
GOWANUS_GT4_3 24132	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.08 <u>0.94</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.88 <u>2.24</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.42 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.50 <u>4.30</u> 0.00	42.13 <u>3.44</u> 0.00	36.15 <u>2.36</u> 0.00	34.77 <u>2.43</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.10 <u>1.87</u> 0.00
GOWANUS_GT4_4 24133	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.08 <u>0.94</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.88 <u>2.24</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.42 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.50 <u>4.30</u> 0.00	42.13 <u>3.44</u> 0.00	36.15 <u>2.36</u> 0.00	34.77 <u>2.43</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.10 <u>1.87</u> 0.00
GOWANUS_GT4_5 24134	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.08 <u>0.94</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.88 <u>2.24</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.42 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.50 <u>4.30</u> 0.00	42.13 <u>3.44</u> 0.00	36.15 <u>2.36</u> 0.00	34.77 <u>2.43</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.10 <u>1.87</u> 0.00
GOWANUS_GT4_6 24135	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.08 <u>0.94</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.88 <u>2.24</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.42 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.50 <u>4.30</u> 0.00	42.13 <u>3.44</u> 0.00	36.15 <u>2.36</u> 0.00	34.77 <u>2.43</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.10 <u>1.87</u> 0.00
GOWANUS_GT4_7 24136	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.08 <u>0.94</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.88 <u>2.24</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.42 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.50 <u>4.30</u> 0.00	42.13 <u>3.44</u> 0.00	36.15 <u>2.36</u> 0.00	34.77 <u>2.43</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.10 <u>1.87</u> 0.00
GOWANUS_GT4_8 24137	25.21 <u>1.78</u> 0.00	21.28 <u>1.15</u> 0.00	21.17 <u>1.10</u> 0.00	20.12 <u>0.92</u> 0.00	20.08 <u>0.94</u> 0.00	21.08 <u>0.87</u> 0.00	22.63 <u>1.22</u> 0.00	22.74 <u>1.59</u> 0.00	26.88 <u>2.24</u> 0.00	28.13 <u>2.49</u> 0.00	27.95 <u>2.61</u> -0.01	29.33 <u>2.79</u> -0.01	30.42 <u>2.87</u> 0.00	31.34 <u>2.93</u> 0.00	32.24 <u>2.74</u> 0.00	34.61 <u>3.26</u> 0.00	38.46 <u>3.43</u> 0.00	46.50 <u>4.30</u> 0.00	42.13 <u>3.44</u> 0.00	36.15 <u>2.36</u> 0.00	34.77 <u>2.43</u> 0.00	32.01 <u>2.26</u> 0.00	30.13 <u>2.46</u> 0.00	26.10 <u>1.87</u> 0.00

GREENBSH_115KV_TB3 55895	23.99 0.56 0.00	20.53 0.40 0.00	20.39 0.32 0.00	19.49 0.29 0.00	19.47 0.33 0.00	20.49 0.28 0.00	21.97 0.56 0.00	21.81 0.66 0.00	25.42 0.79 0.00	26.41 0.77 0.00	26.09 0.76 0.00	27.36 0.82 0.00	28.44 0.88 0.00	29.35 0.94 0.00	30.44 0.94 0.00	32.38 1.03 0.00	36.11 1.09 0.00	43.59 1.39 0.00	39.96 1.28 0.00	34.76 0.98 0.00	33.35 1.00 0.00	30.55 0.80 0.00	28.44 0.77 0.00	24.89 0.65 0.00
GREENDGE_115KV_TB5 80291	24.23 0.80 0.00	20.63 0.50 0.00	20.45 0.38 0.00	19.56 0.36 0.00	19.51 0.36 0.00	20.70 0.49 0.00	22.14 0.73 0.00	21.83 0.68 0.00	25.28 0.64 0.00	26.26 0.62 0.00	25.99 0.66 0.00	27.20 0.66 0.00	28.22 0.66 0.00	29.43 0.62 -0.40	30.71 0.77 -0.45	32.39 0.50 -0.55	36.30 0.53 -0.75	43.90 0.55 -1.16	40.26 0.62 -0.96	35.45 0.98 -0.69	33.68 0.71 -0.62	31.26 1.04 -0.47	28.78 0.77 -0.34	25.27 0.87 -0.17
GREENIDGE___3 23582	24.23 0.80 0.00	20.63 0.50 0.00	20.45 0.38 0.00	19.56 0.36 0.00	19.51 0.36 0.00	20.70 0.49 0.00	22.14 0.73 0.00	21.83 0.68 0.00	25.28 0.64 0.00	26.26 0.62 0.00	25.99 0.66 0.00	27.20 0.66 0.00	28.22 0.66 0.00	29.43 0.62 -0.40	30.71 0.77 -0.45	32.39 0.50 -0.55	36.30 0.53 -0.75	43.90 0.55 -1.16	40.26 0.62 -0.96	35.45 0.98 -0.69	33.68 0.71 -0.62	31.26 1.04 -0.47	28.78 0.77 -0.34	25.27 0.87 -0.17
GREENIDGE___4 23583	24.25 0.82 0.00	20.61 0.48 0.00	20.45 0.38 0.00	19.56 0.36 0.00	19.57 0.42 0.00	20.70 0.48 0.00	22.14 0.73 0.00	21.83 0.68 0.00	25.28 0.64 0.00	26.26 0.61 0.00	25.99 0.66 0.00	27.20 0.66 0.00	28.22 0.66 0.00	29.40 0.60 -0.40	30.71 0.77 -0.45	32.39 0.50 -0.55	36.31 0.53 -0.75	43.94 0.59 -1.16	40.26 0.62 -0.96	35.49 1.01 -0.69	33.84 0.87 -0.62	31.26 1.04 -0.47	28.81 0.80 -0.34	25.27 0.87 -0.17
GREENLWN_69_KV_BK 3 55738	25.87 2.09 -0.35	21.72 1.59 0.00	21.39 1.32 0.00	20.33 1.13 0.00	20.28 1.13 0.00	21.34 1.13 0.00	22.93 1.52 0.00	23.01 1.86 0.00	27.33 2.56 -0.13	28.45 2.79 -0.01	30.06 2.58 -2.14	30.25 2.73 -0.98	30.53 2.81 -0.16	31.43 2.81 -0.20	32.28 2.65 -0.13	35.69 3.07 -1.27	40.58 3.54 -2.01	48.44 4.60 -1.64	49.34 3.83 -6.82	36.47 2.67 -0.02	34.97 2.62 0.00	31.98 2.23 0.00	30.19 2.52 0.00	26.48 2.23 -0.02
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.88 2.24 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.42 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.50 4.30 0.00	42.13 3.44 0.00	36.15 2.36 0.00	34.77 2.43 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.10 1.87 0.00
GRISSOM___SOLAR 323813	25.14 1.71 0.00	21.48 1.35 0.00	21.33 1.26 0.00	20.39 1.19 0.00	20.52 1.38 0.00	21.55 1.33 0.00	23.34 1.93 0.00	23.31 2.16 0.00	26.93 2.29 0.00	27.77 2.13 0.00	27.25 1.92 0.00	28.61 2.79 0.00	29.71 2.15 0.00	30.65 2.24 0.00	32.00 2.51 0.00	33.92 2.57 0.00	38.14 3.12 0.00	46.42 4.22 0.00	42.86 4.18 0.00	37.90 4.12 0.00	36.33 3.98 0.00	33.20 3.45 0.00	30.66 2.99 0.00	26.61 2.38 0.00
GROVEVILLE___HYD 323602	24.93 1.50 0.00	21.24 1.11 0.00	21.07 1.00 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.12 0.91 0.00	22.65 1.24 0.00	22.59 1.44 0.00	26.53 1.90 0.00	27.64 2.00 0.00	27.38 2.05 0.00	28.71 2.18 0.00	29.90 2.34 0.00	30.77 2.36 0.00	31.88 2.39 0.00	34.04 2.70 0.00	38.11 3.08 0.00	45.95 3.76 0.00	41.90 3.21 0.00	36.28 2.50 0.00	34.77 2.43 0.00	31.89 2.14 0.00	29.77 2.10 0.00	25.93 1.70 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.57 0.14 0.00	20.15 0.02 0.00	20.03 -0.04 0.00	19.16 -0.04 0.00	19.11 -0.04 0.00	20.21 0.00 0.00	21.52 0.11 0.00	21.24 0.08 0.00	24.76 0.12 0.00	25.77 0.13 0.00	25.48 0.15 0.00	26.70 0.16 0.00	27.70 0.14 0.00	29.75 0.03 -1.31	31.06 0.09 -1.48	33.18 0.03 -1.81	37.56 0.04 -2.49	46.02 0.00 -3.82	41.89 0.04 -3.16	36.23 0.17 -2.28	34.50 0.10 -2.06	31.43 0.12 -1.56	28.84 0.06 -1.11	24.86 0.07 -0.55
HAMLTNNY_34_KV_TB 80303	23.71 0.28 0.00	20.25 0.12 0.00	20.13 0.06 0.00	19.26 0.06 0.00	19.20 0.06 0.00	20.31 0.10 0.00	21.60 0.19 0.00	21.32 0.17 0.00	24.78 0.15 0.00	25.80 0.15 0.00	25.51 0.18 0.00	26.72 0.19 0.00	27.72 0.17 0.00	29.93 0.17 -1.35	31.23 0.21 -1.52	33.36 0.16 -1.86	37.77 0.18 -2.57	46.31 0.17 -3.94	42.14 0.19 -3.26	36.47 0.34 -2.35	34.73 0.26 -2.12	31.63 0.27 -1.61	28.98 0.17 -1.14	25.00 0.19 -0.57
HAMPSHIRE___PAPER_HYD 323593	23.34 -0.09 0.00	20.11 -0.02 0.00	20.07 0.00 0.00	19.24 0.04 0.00	19.15 0.00 0.00	20.23 0.02 0.00	21.37 -0.04 0.00	20.96 -0.19 0.00	24.37 -0.27 0.00	25.26 -0.38 0.00	24.90 -0.43 0.00	26.11 -0.43 0.00	27.09 -0.47 0.00	28.27 -0.57 -0.43	29.42 -0.56 -0.49	31.28 -0.66 -0.60	35.05 -0.80 -0.82	42.57 -0.89 -1.26	39.11 -0.62 -1.04	34.13 -0.40 -0.75	32.80 -0.22 -0.68	30.12 -0.15 -0.52	27.98 -0.06 -0.37	24.39 -0.02 -0.18
HARDSCRABBLE_WT_PWR 323673	23.92 0.49 0.00	20.51 0.38 0.00	20.45 0.38 0.00	19.54 0.35 0.00	19.55 0.40 0.00	20.58 0.36 0.00	21.97 0.56 0.00	21.74 0.59 0.00	25.30 0.67 0.00	26.28 0.64 0.00	25.89 0.56 0.00	27.09 0.56 0.00	28.08 0.52 0.00	28.89 0.48 0.00	29.94 0.44 0.00	31.82 0.47 0.00	35.55 0.53 0.00	42.96 0.76 0.00	39.46 0.77 0.00	34.56 0.78 0.00	33.16 0.81 0.00	30.49 0.74 0.00	28.36 0.69 0.00	24.86 0.63 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.74 1.31 0.00	21.08 0.95 0.00	20.91 0.84 0.00	19.97 0.77 0.00	19.93 0.78 0.00	20.98 0.77 0.00	22.55 1.13 0.00	22.48 1.33 0.00	26.41 1.77 0.00	27.54 1.90 0.00	27.28 1.95 0.00	28.61 2.07 0.00	29.79 2.23 0.00	30.65 2.24 0.00	31.77 2.27 0.00	33.92 2.57 0.00	38.00 2.98 0.00	45.83 3.63 0.00	41.70 3.02 0.00	36.12 2.33 0.00	34.55 2.20 0.00	31.71 1.96 0.00	29.61 1.94 0.00	25.78 1.55 0.00
HARSNRAD_115KV_TB1 81005	24.30 0.87 0.00	20.59 0.46 0.00	20.41 0.34 0.00	19.54 0.35 0.00	19.43 0.29 0.00	20.62 0.40 0.00	22.03 0.62 0.00	21.47 0.32 0.00	24.76 0.12 0.00	25.69 0.05 0.00	25.48 0.15 0.00	26.64 0.11 0.00	27.56 0.00 0.00	28.35 -0.06 0.00	29.44 -0.06 0.00	31.03 -0.31 0.00	34.64 -0.39 0.00	41.40 -0.80 0.00	38.03 -0.66 0.00	34.19 0.41 0.00	32.41 0.06 0.00	30.11 0.36 0.00	27.78 0.11 0.00	24.86 0.63 0.00
HARZA MOOSE___RIVER 24016	23.85 0.42 0.00	20.43 0.30 0.00	20.35 0.28 0.00	19.51 0.31 0.00	19.41 0.27 0.00	20.54 0.32 0.00	21.88 0.47 0.00	21.64 0.49 0.00	25.20 0.57 0.00	26.15 0.51 0.00	25.79 0.46 0.00	27.07 0.53 0.00	28.08 0.52 0.00	29.23 0.45 -0.37	30.41 0.50 -0.42	32.32 0.47 -0.51	36.25 0.53 -0.70	43.99 0.72 -1.07	40.38 0.81 -0.89	35.30 0.88 -0.64	33.86 0.94 -0.58	31.08 0.89 -0.44	28.70 0.72 -0.31	24.97 0.58 -0.16

HDSNBRDG_115KV_BRDG_TB1 355580	23.45 0.02 0.00	20.05 -0.08 0.00	19.93 -0.14 0.00	19.06 -0.13 0.00	19.01 -0.13 0.00	20.09 -0.12 0.00	21.39 -0.02 0.00	21.11 -0.04 0.00	24.54 -0.10 0.00	25.54 -0.10 0.00	25.23 -0.10 0.00	26.40 -0.13 0.00	27.39 -0.17 0.00	28.94 -0.17 -0.70	30.14 -0.15 -0.79	32.09 -0.22 -0.97	36.15 -0.21 -1.33	43.90 -0.34 -2.04	40.10 -0.27 -1.69	34.90 -0.10 -1.22	33.29 -0.16 -1.10	30.47 -0.12 -0.83	28.10 -0.17 -0.59	24.41 -0.12 -0.30
HELLGATE_13_KV_LD 55870	25.12 1.69 0.00	21.22 1.09 0.00	21.11 1.04 0.00	20.10 0.90 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.72 1.57 0.00	26.83 2.19 0.00	28.03 2.38 0.00	27.87 2.53 -0.01	29.20 2.65 -0.01	30.31 2.76 0.00	31.19 2.78 0.00	32.12 2.63 0.00	34.42 3.07 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.93 3.25 0.00	35.98 2.20 0.00	34.58 2.23 0.00	31.86 2.11 0.00	30.02 2.35 0.00	26.00 1.77 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.12 1.69 0.00	21.22 1.09 0.00	21.11 1.04 0.00	20.10 0.90 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.72 1.57 0.00	26.83 2.19 0.00	28.03 2.38 0.00	27.87 2.53 -0.01	29.20 2.65 -0.01	30.31 2.76 0.00	31.19 2.78 0.00	32.12 2.63 0.00	34.42 3.07 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.93 3.25 0.00	35.98 2.20 0.00	34.58 2.23 0.00	31.86 2.11 0.00	30.02 2.35 0.00	26.00 1.77 0.00
HEMPSTEAD____ 23647	25.75 1.97 -0.35	21.65 1.51 -0.01	21.35 1.29 0.00	20.31 1.11 0.00	20.20 1.05 0.00	21.34 1.13 0.00	22.91 1.50 0.00	22.97 1.82 0.00	27.21 2.44 -0.13	28.35 2.69 -0.01	30.11 2.63 -2.14	30.28 2.76 -0.98	30.58 2.87 -0.16	31.54 2.93 -0.20	32.49 2.86 -0.13	35.88 3.26 -1.27	40.68 3.64 -2.01	51.50 4.43 -4.87	49.27 3.75 -6.84	36.71 2.91 -0.02	35.07 2.72 -0.01	32.25 2.50 0.00	30.13 2.46 0.00	26.41 2.16 -0.02
HEWLETT__69_KV_BK3 55828	26.01 2.23 -0.35	21.82 1.69 0.00	21.53 1.46 0.00	20.47 1.27 0.00	20.41 1.26 0.00	21.49 1.27 0.00	23.10 1.69 0.00	23.18 2.03 0.00	27.50 2.73 -0.13	28.63 2.97 -0.01	30.39 2.91 -2.14	30.59 3.08 -0.98	30.91 3.20 -0.16	31.85 3.24 -0.20	32.84 3.21 -0.13	36.13 3.51 -1.27	41.07 4.03 -2.01	51.96 4.89 -4.87	49.70 4.18 -6.84	36.98 3.18 -0.02	35.52 3.17 0.00	32.64 2.89 0.00	30.58 2.91 0.00	26.72 2.47 -0.02
HICKLING___1 23621	24.48 1.05 0.00	20.83 0.70 0.00	20.65 0.58 0.00	19.77 0.58 0.00	19.70 0.56 0.00	20.90 0.69 0.00	22.29 0.88 0.00	21.95 0.80 0.00	25.55 0.91 0.00	26.56 0.92 0.00	26.29 0.96 0.00	27.54 1.01 0.00	28.55 0.99 0.00	29.59 0.80 -0.39	30.91 0.97 -0.44	32.73 0.85 -0.54	36.89 1.12 -0.74	44.52 1.18 -1.14	40.71 1.08 -0.94	35.88 1.42 -0.68	34.03 1.07 -0.61	31.38 1.16 -0.47	28.89 0.89 -0.33	25.46 1.07 -0.16
HICKLING___2 23622	24.48 1.05 0.00	20.83 0.70 0.00	20.65 0.58 0.00	19.77 0.58 0.00	19.70 0.56 0.00	20.90 0.69 0.00	22.29 0.88 0.00	21.95 0.80 0.00	25.55 0.91 0.00	26.56 0.92 0.00	26.29 0.96 0.00	27.54 1.01 0.00	28.55 0.99 0.00	29.59 0.80 -0.39	30.91 0.97 -0.44	32.73 0.85 -0.54	36.89 1.12 -0.74	44.52 1.18 -1.14	40.71 1.08 -0.94	35.88 1.42 -0.68	34.03 1.07 -0.61	31.38 1.16 -0.47	28.89 0.89 -0.33	25.46 1.07 -0.16
HIGH FALLS___HY 23754	24.76 1.34 0.00	21.10 0.97 0.00	20.93 0.86 0.00	19.99 0.79 0.00	19.93 0.78 0.00	20.98 0.77 0.00	22.55 1.13 0.00	22.48 1.33 0.00	26.34 1.70 0.00	27.44 1.79 0.00	27.18 1.85 0.00	28.47 1.94 0.00	29.68 2.12 0.00	30.31 1.90 0.00	31.35 1.86 0.00	33.54 2.19 0.00	37.62 2.59 0.00	45.40 3.21 0.00	41.39 2.71 0.00	35.85 2.06 0.00	34.35 2.01 0.00	31.74 1.99 0.00	29.63 1.96 0.00	25.81 1.58 0.00
HILLBURN___GT 23639	24.74 1.31 0.00	21.06 0.93 0.00	20.91 0.84 0.00	19.95 0.75 0.00	19.95 0.80 0.00	20.96 0.75 0.00	22.59 1.18 0.00	22.57 1.42 0.00	26.49 1.85 0.00	27.67 2.03 0.00	27.38 2.05 0.00	28.71 2.18 0.00	29.87 2.32 0.00	30.77 2.36 0.00	31.82 2.33 0.00	34.01 2.66 0.00	38.07 3.05 0.00	45.87 3.67 0.00	41.74 3.06 0.00	36.08 2.30 0.00	34.45 2.10 0.00	31.71 1.96 0.00	29.63 1.96 0.00	25.83 1.60 0.00
HILLSIDE_115KV_TB1 80332	23.99 0.56 0.00	20.43 0.30 0.00	20.27 0.20 0.00	19.39 0.19 0.00	19.34 0.19 0.00	20.49 0.28 0.00	21.90 0.49 0.00	21.55 0.40 0.00	24.91 0.27 0.00	25.90 0.26 0.00	25.61 0.28 0.00	26.80 0.27 0.00	27.81 0.25 0.00	29.07 0.26 -0.40	30.34 0.38 -0.46	32.19 0.28 -0.56	36.29 0.49 -0.77	43.76 0.38 -1.18	40.01 0.35 -0.98	35.20 0.71 -0.70	33.37 0.39 -0.64	30.77 0.54 -0.48	28.34 0.33 -0.34	24.98 0.58 -0.17
HISHELDN_WT_PWR 323625	24.44 1.01 0.00	20.69 0.56 0.00	20.55 0.48 0.00	19.68 0.48 0.00	19.64 0.50 0.00	20.76 0.55 0.00	22.14 0.73 0.00	21.66 0.51 0.00	25.01 0.37 0.00	25.97 0.33 0.00	25.68 0.35 0.00	26.86 0.32 0.00	27.78 0.22 0.00	28.52 0.11 0.00	29.70 0.21 0.00	31.38 0.03 0.00	35.13 0.11 0.00	42.11 -0.08 0.00	38.61 -0.08 0.00	34.63 0.84 0.00	33.09 0.74 0.00	30.40 0.65 0.00	28.09 0.42 0.00	25.06 0.82 0.00
HOLTSVILLE_IC_1 23690	26.45 2.67 -0.35	22.21 2.07 -0.01	21.85 1.79 0.00	20.77 1.57 0.00	20.58 1.44 0.00	21.79 1.58 0.00	23.25 1.84 0.00	23.25 2.09 0.00	27.70 2.93 -0.13	28.78 3.13 -0.01	30.34 2.86 -2.14	30.46 2.95 -0.98	30.77 3.06 -0.16	31.68 3.07 -0.20	32.75 3.12 -0.13	36.22 3.60 -1.27	41.24 4.20 -2.01	69.00 5.02 -21.78	49.93 4.33 -6.92	37.18 3.38 -0.02	35.49 3.14 -0.01	32.48 2.74 0.00	30.38 2.71 0.00	26.77 2.52 -0.02
HOLTSVILLE_IC_10 23699	26.64 2.86 -0.35	22.37 2.23 -0.01	22.01 1.95 0.00	20.91 1.71 0.00	20.70 1.55 0.00	21.93 1.72 0.00	23.36 1.95 0.00	23.37 2.22 0.00	27.87 3.10 -0.13	28.94 3.28 -0.01	30.51 3.04 -2.14	30.64 3.13 -0.98	30.99 3.28 -0.16	31.85 3.24 -0.20	33.01 3.39 -0.13	36.51 3.89 -1.27	41.59 4.55 -2.01	70.55 5.48 -22.87	50.32 4.72 -6.92	37.52 3.72 -0.02	35.78 3.43 -0.01	32.75 3.00 0.00	30.57 2.90 0.00	26.91 2.67 -0.02
HOLTSVILLE_IC_2 23691	26.45 2.67 -0.35	22.21 2.07 -0.01	21.85 1.79 0.00	20.77 1.57 0.00	20.58 1.44 0.00	21.79 1.58 0.00	23.25 1.84 0.00	23.25 2.09 0.00	27.70 2.93 -0.13	28.78 3.13 -0.01	30.34 2.86 -2.14	30.46 2.95 -0.98	30.77 3.06 -0.16	31.68 3.07 -0.20	32.75 3.12 -0.13	36.22 3.60 -1.27	41.24 4.20 -2.01	69.00 5.02 -21.78	49.93 4.33 -6.92	37.18 3.38 -0.02	35.49 3.14 -0.01	32.48 2.74 0.00	30.38 2.71 0.00	26.77 2.52 -0.02
HOLTSVILLE_IC_3 23692	26.45 2.67 -0.35	22.21 2.07 -0.01	21.85 1.79 0.00	20.77 1.57 0.00	20.58 1.44 0.00	21.79 1.58 0.00	23.25 1.84 0.00	23.25 2.09 0.00	27.70 2.93 -0.13	28.78 3.13 -0.01	30.34 2.86 -2.14	30.46 2.95 -0.98	30.77 3.06 -0.16	31.68 3.07 -0.20	32.75 3.12 -0.13	36.22 3.60 -1.27	41.24 4.20 -2.01	69.00 5.02 -21.78	49.93 4.33 -6.92	37.18 3.38 -0.02	35.49 3.14 -0.01	32.48 2.74 0.00	30.38 2.71 0.00	26.77 2.52 -0.02

HOLTSVILLE_IC_4 23693	26.45 2.67 -0.35	22.21 2.07 -0.01	21.85 1.79 0.00	20.77 1.57 0.00	20.58 1.44 0.00	21.79 1.58 0.00	23.25 1.84 0.00	23.25 2.09 0.00	27.70 2.93 -0.13	28.78 3.13 -0.01	30.34 2.86 -2.14	30.46 2.95 -0.98	30.77 3.06 -0.16	31.68 3.07 -0.20	32.75 3.12 -0.13	36.22 3.60 -1.27	41.24 4.20 -2.01	69.00 5.02 -21.78	49.93 4.33 -6.92	37.18 3.38 -0.02	35.49 3.14 -0.01	32.48 2.74 0.00	30.38 2.71 0.00	26.77 2.52 -0.02
HOLTSVILLE_IC_5 23694	26.45 2.67 -0.35	22.21 2.07 -0.01	21.85 1.79 0.00	20.77 1.57 0.00	20.58 1.44 0.00	21.79 1.58 0.00	23.25 1.84 0.00	23.25 2.09 0.00	27.70 2.93 -0.13	28.78 3.13 -0.01	30.34 2.86 -2.14	30.46 2.95 -0.98	30.77 3.06 -0.16	31.68 3.07 -0.20	32.75 3.12 -0.13	36.22 3.60 -1.27	41.24 4.20 -2.01	69.00 5.02 -21.78	49.93 4.33 -6.92	37.18 3.38 -0.02	35.49 3.14 -0.01	32.48 2.74 0.00	30.38 2.71 0.00	26.77 2.52 -0.02
HOLTSVILLE_IC_6 23695	26.64 2.86 -0.35	22.37 2.23 -0.01	22.01 1.95 0.00	20.91 1.71 0.00	20.70 1.55 0.00	21.93 1.72 0.00	23.36 1.95 0.00	23.37 2.22 0.00	27.87 3.10 -0.13	28.94 3.28 -0.01	30.51 3.04 -2.14	30.64 3.13 -0.98	30.99 3.28 -0.16	31.85 3.24 -0.20	33.01 3.39 -0.13	36.51 3.89 -1.27	41.59 4.55 -2.01	70.55 5.48 -22.87	50.32 4.72 -6.92	37.52 3.72 -0.02	35.78 3.43 -0.01	32.75 3.00 0.00	30.57 2.90 0.00	26.91 2.67 -0.02
HOLTSVILLE_IC_7 23696	26.64 2.86 -0.35	22.37 2.23 -0.01	22.01 1.95 0.00	20.91 1.71 0.00	20.70 1.55 0.00	21.93 1.72 0.00	23.36 1.95 0.00	23.37 2.22 0.00	27.87 3.10 -0.13	28.94 3.28 -0.01	30.51 3.04 -2.14	30.64 3.13 -0.98	30.99 3.28 -0.16	31.85 3.24 -0.20	33.01 3.39 -0.13	36.51 3.89 -1.27	41.59 4.55 -2.01	70.55 5.48 -22.87	50.32 4.72 -6.92	37.52 3.72 -0.02	35.78 3.43 -0.01	32.75 3.00 0.00	30.57 2.90 0.00	26.91 2.67 -0.02
HOLTSVILLE_IC_8 23697	26.64 2.86 -0.35	22.37 2.23 -0.01	22.01 1.95 0.00	20.91 1.71 0.00	20.70 1.55 0.00	21.93 1.72 0.00	23.36 1.95 0.00	23.37 2.22 0.00	27.87 3.10 -0.13	28.94 3.28 -0.01	30.51 3.04 -2.14	30.64 3.13 -0.98	30.99 3.28 -0.16	31.85 3.24 -0.20	33.01 3.39 -0.13	36.51 3.89 -1.27	41.59 4.55 -2.01	70.55 5.48 -22.87	50.32 4.72 -6.92	37.52 3.72 -0.02	35.78 3.43 -0.01	32.75 3.00 0.00	30.57 2.90 0.00	26.91 2.67 -0.02
HOLTSVILLE_IC_9 23698	26.64 2.86 -0.35	22.37 2.23 -0.01	22.01 1.95 0.00	20.91 1.71 0.00	20.70 1.55 0.00	21.93 1.72 0.00	23.36 1.95 0.00	23.37 2.22 0.00	27.87 3.10 -0.13	28.94 3.28 -0.01	30.51 3.04 -2.14	30.64 3.13 -0.98	30.99 3.28 -0.16	31.85 3.24 -0.20	33.01 3.39 -0.13	36.51 3.89 -1.27	41.59 4.55 -2.01	70.55 5.48 -22.87	50.32 4.72 -6.92	37.52 3.72 -0.02	35.78 3.43 -0.01	32.75 3.00 0.00	30.57 2.90 0.00	26.91 2.67 -0.02
HOMER_HL_115KV_TB2 355744	24.32 0.89 0.00	20.67 0.54 0.00	20.49 0.42 0.00	19.60 0.40 0.00	19.53 0.38 0.00	20.74 0.53 0.00	22.14 0.73 0.00	21.60 0.44 0.00	24.93 0.30 0.00	25.87 0.23 0.00	25.63 0.30 0.00	26.80 0.27 0.00	27.70 0.14 0.00	28.55 0.14 0.00	29.76 0.27 0.00	31.44 0.09 0.00	35.34 0.32 0.00	42.24 0.04 0.00	38.68 0.00 0.00	34.53 0.74 0.00	32.61 0.26 0.00	30.26 0.51 0.00	27.89 0.22 0.00	25.01 0.78 0.00
HOWARD_WT_PWR 323690	24.79 1.36 0.00	20.99 0.86 0.00	20.83 0.76 0.00	19.93 0.73 0.00	19.93 0.79 0.00	21.06 0.85 0.00	22.52 1.11 0.00	22.15 0.99 0.00	25.57 0.94 0.00	26.51 0.87 0.00	26.22 0.89 0.00	27.41 0.87 0.00	28.38 0.83 0.00	29.46 0.77 -0.28	30.73 0.92 -0.32	32.51 0.78 -0.39	36.57 1.02 -0.53	44.07 1.06 -0.82	40.44 1.08 -0.67	35.96 1.69 -0.49	34.34 1.55 -0.44	31.54 1.46 -0.33	29.04 1.13 -0.24	25.68 1.33 -0.12
HQ_GEN_CEDARS 23644	22.94 -0.49 0.00	19.87 -0.26 0.00	19.91 -0.16 0.00	19.06 -0.13 0.00	19.01 -0.13 0.00	20.07 -0.14 0.00	21.03 -0.39 0.00	20.52 -0.63 0.00	23.85 -0.79 0.00	24.80 -0.85 0.00	24.49 -0.84 0.00	25.63 -0.90 0.00	26.65 -0.91 0.00	27.50 -0.91 0.00	28.61 -0.88 0.00	30.37 -0.97 0.00	33.91 -1.12 0.00	40.76 -1.43 0.00	37.49 -1.20 0.00	32.74 -1.05 0.00	31.41 -0.94 0.00	28.92 -0.83 0.00	26.98 -0.69 0.00	23.67 -0.56 0.00
HQ_GEN_CEDARS_PROXY 323590	22.29 -0.49 0.64	20.53 -0.24 -0.64	19.91 -0.16 0.00	19.06 -0.13 0.00	19.03 -0.11 0.00	20.18 -0.14 -0.11	20.92 -0.38 0.11	20.52 -0.63 0.00	23.85 -0.79 0.00	24.80 -0.85 0.00	24.49 -0.84 0.00	25.63 -0.90 0.00	26.65 -0.91 0.00	27.50 -0.91 0.00	28.61 -0.88 0.00	30.37 -0.97 0.00	33.90 -1.12 0.00	40.76 -1.43 0.00	37.49 -1.20 0.00	33.15 -1.05 -0.41	31.00 -0.94 0.41	28.92 -0.83 0.00	26.40 -0.69 0.58	24.26 -0.56 -0.58
HQ_GEN_IMPORT 323601	22.37 -0.42 0.64	20.55 -0.22 -0.64	19.93 -0.14 0.00	19.08 -0.11 0.00	19.03 -0.11 0.00	20.55 -0.12 -0.46	20.61 -0.34 0.46	20.77 -0.38 0.00	24.17 -0.47 0.00	25.15 -0.49 0.00	24.85 -0.48 0.00	26.03 -0.51 0.00	27.03 -0.52 0.00	27.90 -0.51 0.00	28.96 -0.53 0.00	30.78 -0.56 0.00	34.40 -0.63 0.00	41.39 -0.80 0.00	37.99 -0.70 0.00	33.59 -0.61 -0.41	31.36 -0.58 0.41	29.24 -0.51 0.00	26.62 -0.47 0.58	24.42 -0.39 -0.58
HQ_GEN_WHEEL 23651	22.37 -0.42 0.64	20.55 -0.22 -0.64	19.93 -0.14 0.00	19.08 -0.11 0.00	19.03 -0.11 0.00	20.55 -0.12 -0.46	20.61 -0.34 0.46	20.77 -0.38 0.00	24.17 -0.47 0.00	25.15 -0.49 0.00	24.85 -0.48 0.00	26.03 -0.51 0.00	27.03 -0.52 0.00	27.90 -0.51 0.00	28.96 -0.53 0.00	30.78 -0.56 0.00	34.40 -0.63 0.00	41.39 -0.80 0.00	37.99 -0.70 0.00	33.59 -0.61 -0.41	31.36 -0.58 0.41	29.24 -0.51 0.00	26.62 -0.47 0.58	24.42 -0.39 -0.58
HUDSON_AVE_GT_3 23810	25.07 1.64 0.00	21.26 1.13 0.00	21.13 1.06 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.14 0.93 0.00	22.74 1.33 0.00	22.80 1.65 0.00	26.85 2.22 0.00	28.08 2.44 0.00	27.81 2.48 0.00	29.14 2.60 0.00	30.26 2.70 0.00	31.14 2.73 0.00	32.06 2.57 0.00	34.32 2.98 0.00	38.35 3.33 0.00	46.29 4.09 0.00	42.01 3.33 0.00	36.22 2.43 0.00	34.71 2.36 0.00	31.95 2.20 0.00	29.99 2.32 0.00	26.05 1.82 0.00
HUDSON_AVE_GT_4 23540	25.07 1.64 0.00	21.26 1.13 0.00	21.13 1.06 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.14 0.93 0.00	22.74 1.33 0.00	22.80 1.65 0.00	26.85 2.22 0.00	28.08 2.44 0.00	27.81 2.48 0.00	29.14 2.60 0.00	30.26 2.70 0.00	31.14 2.73 0.00	32.06 2.57 0.00	34.32 2.98 0.00	38.35 3.33 0.00	46.29 4.09 0.00	42.01 3.33 0.00	36.22 2.43 0.00	34.71 2.36 0.00	31.95 2.20 0.00	29.99 2.32 0.00	26.05 1.82 0.00
HUDSON_AVE_GT_5 23657	25.07 1.64 0.00	21.26 1.13 0.00	21.13 1.06 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.14 0.93 0.00	22.74 1.33 0.00	22.80 1.65 0.00	26.85 2.22 0.00	28.08 2.44 0.00	27.81 2.48 0.00	29.14 2.60 0.00	30.26 2.70 0.00	31.14 2.73 0.00	32.06 2.57 0.00	34.32 2.98 0.00	38.35 3.33 0.00	46.29 4.09 0.00	42.01 3.33 0.00	36.22 2.43 0.00	34.71 2.36 0.00	31.95 2.20 0.00	29.99 2.32 0.00	26.05 1.82 0.00

HUDSON_AVE_10 24168	24.97 1.55 0.00	21.18 1.05 0.00	21.05 0.98 0.00	20.04 0.84 0.00	20.01 0.86 0.00	21.06 0.85 0.00	22.65 1.24 0.00	22.72 1.57 0.00	26.76 2.12 0.00	28.00 2.36 0.00	27.69 2.36 0.00	29.03 2.49 0.00	30.12 2.56 0.00	30.99 2.59 0.00	31.94 2.45 0.00	34.20 2.85 0.00	38.18 3.15 0.00	46.12 3.92 0.00	41.86 3.17 0.00	36.08 2.30 0.00	34.58 2.23 0.00	31.80 2.05 0.00	29.88 2.21 0.00	25.95 1.72 0.00
HUDSON___115KV_TB 4 355613	24.41 0.98 0.00	20.85 0.72 0.00	20.71 0.64 0.00	19.79 0.60 0.00	19.78 0.63 0.00	20.84 0.63 0.00	22.33 0.92 0.00	22.15 0.99 0.00	25.79 1.16 0.00	26.74 1.10 0.00	26.34 1.01 0.00	27.65 1.11 0.00	28.80 1.24 0.00	29.69 1.28 0.00	30.88 1.39 0.00	32.82 1.47 0.00	36.64 1.61 0.00	44.31 2.11 0.00	40.70 2.01 0.00	35.54 1.76 0.00	34.06 1.71 0.00	31.18 1.43 0.00	28.97 1.30 0.00	25.30 1.07 0.00
HUNTER MOUNT___DRP 323613	24.46 1.03 0.00	20.89 0.76 0.00	20.75 0.68 0.00	19.83 0.63 0.00	19.83 0.69 0.00	20.88 0.67 0.00	22.35 0.94 0.00	22.15 0.99 0.00	25.77 1.13 0.00	26.67 1.03 0.00	26.34 1.01 0.00	27.62 1.09 0.00	28.83 1.27 0.00	29.72 1.31 0.00	30.94 1.45 0.00	32.82 1.47 0.00	36.71 1.68 0.00	44.39 2.19 0.00	40.85 2.17 0.00	35.74 1.96 0.00	34.29 1.94 0.00	31.30 1.55 0.00	29.05 1.38 0.00	25.37 1.14 0.00
HUNTINGTON_RES_REC 323705	26.24 2.46 -0.35	22.03 1.89 -0.01	21.67 1.61 0.00	20.60 1.40 0.00	20.43 1.28 0.00	21.63 1.41 0.00	23.13 1.71 0.00	23.18 2.03 0.00	27.57 2.81 -0.13	28.68 3.02 -0.01	30.28 2.81 -2.14	30.46 2.95 -0.98	30.77 3.06 -0.16	31.68 3.07 -0.20	32.66 3.04 -0.13	36.13 3.51 -1.27	41.13 4.10 -2.01	80.88 5.10 -33.58	50.08 4.37 -7.03	37.04 3.24 -0.02	35.33 2.97 -0.01	32.40 2.65 0.00	30.35 2.68 0.00	26.72 2.47 -0.02
HUNTLEY___63 23557	24.51 1.08 0.00	20.79 0.66 0.00	20.61 0.54 0.00	19.74 0.54 0.00	19.62 0.48 0.00	20.82 0.61 0.00	22.14 0.73 0.00	21.64 0.49 0.00	24.98 0.34 0.00	25.92 0.28 0.00	25.74 0.41 0.00	26.91 0.37 0.00	27.83 0.28 0.00	28.64 0.23 0.00	29.73 0.24 0.00	31.35 0.00 0.00	34.99 -0.04 0.00	41.77 -0.42 0.00	38.38 -0.31 0.00	34.49 0.71 0.00	32.67 0.32 0.00	30.34 0.59 0.00	28.00 0.33 0.00	25.06 0.82 0.00
HUNTLEY___64 23558	24.51 1.08 0.00	20.79 0.66 0.00	20.61 0.54 0.00	19.74 0.54 0.00	19.62 0.48 0.00	20.82 0.61 0.00	22.14 0.73 0.00	21.64 0.49 0.00	24.98 0.34 0.00	25.92 0.28 0.00	25.74 0.41 0.00	26.91 0.37 0.00	27.83 0.28 0.00	28.64 0.23 0.00	29.73 0.24 0.00	31.35 0.00 0.00	34.99 -0.04 0.00	41.77 -0.42 0.00	38.38 -0.31 0.00	34.49 0.71 0.00	32.67 0.32 0.00	30.34 0.59 0.00	28.00 0.33 0.00	25.06 0.82 0.00
HUNTLEY___65 23559	24.51 1.08 0.00	20.79 0.66 0.00	20.61 0.54 0.00	19.74 0.54 0.00	19.62 0.48 0.00	20.82 0.61 0.00	22.14 0.73 0.00	21.64 0.49 0.00	24.98 0.34 0.00	25.92 0.28 0.00	25.74 0.41 0.00	26.91 0.37 0.00	27.83 0.28 0.00	28.64 0.23 0.00	29.73 0.24 0.00	31.35 0.00 0.00	34.99 -0.04 0.00	41.77 -0.42 0.00	38.38 -0.31 0.00	34.49 0.71 0.00	32.67 0.32 0.00	30.34 0.59 0.00	28.00 0.33 0.00	25.06 0.82 0.00
HUNTLEY___66 23560	24.51 1.08 0.00	20.79 0.66 0.00	20.61 0.54 0.00	19.74 0.54 0.00	19.62 0.48 0.00	20.82 0.61 0.00	22.14 0.73 0.00	21.64 0.49 0.00	24.98 0.34 0.00	25.92 0.28 0.00	25.74 0.41 0.00	26.91 0.37 0.00	27.83 0.28 0.00	28.64 0.23 0.00	29.73 0.24 0.00	31.35 0.00 0.00	34.99 -0.04 0.00	41.77 -0.42 0.00	38.38 -0.31 0.00	34.49 0.71 0.00	32.67 0.32 0.00	30.34 0.59 0.00	28.00 0.33 0.00	25.06 0.82 0.00
HUNTLEY___67 23561	24.30 0.87 0.00	20.61 0.48 0.00	20.43 0.36 0.00	19.56 0.36 0.00	19.47 0.33 0.00	20.64 0.42 0.00	21.99 0.58 0.00	21.47 0.32 0.00	24.78 0.15 0.00	25.72 0.08 0.00	25.51 0.18 0.00	26.67 0.13 0.00	27.59 0.03 0.00	28.38 -0.03 0.00	29.49 0.00 0.00	31.09 -0.25 0.00	34.75 -0.28 0.00	41.48 -0.72 0.00	38.10 -0.58 0.00	34.22 0.44 0.00	32.41 0.06 0.00	30.11 0.36 0.00	27.78 0.11 0.00	24.86 0.63 0.00
HUNTLEY___68 23562	24.30 0.87 0.00	20.61 0.48 0.00	20.43 0.36 0.00	19.56 0.36 0.00	19.47 0.33 0.00	20.64 0.42 0.00	21.99 0.58 0.00	21.47 0.32 0.00	24.78 0.15 0.00	25.72 0.08 0.00	25.51 0.18 0.00	26.67 0.13 0.00	27.59 0.03 0.00	28.38 -0.03 0.00	29.49 0.00 0.00	31.09 -0.25 0.00	34.75 -0.28 0.00	41.48 -0.72 0.00	38.10 -0.58 0.00	34.22 0.44 0.00	32.41 0.06 0.00	30.11 0.36 0.00	27.78 0.11 0.00	24.86 0.63 0.00
HYLAND___LFGE 323620	25.40 1.97 0.00	21.52 1.39 0.00	21.33 1.26 0.00	20.41 1.21 0.00	20.28 1.13 0.00	21.57 1.35 0.00	22.91 1.50 0.00	22.36 1.20 0.00	25.40 0.76 0.00	26.15 0.51 0.00	25.46 0.13 0.00	26.46 -0.08 0.00	27.42 -0.14 0.00	28.27 -0.14 0.00	29.73 0.23 0.00	31.47 0.13 0.00	35.45 0.42 0.00	43.00 0.80 0.00	40.31 1.62 0.00	36.25 2.46 0.00	34.97 2.62 0.00	32.01 2.26 0.00	29.61 1.94 0.00	26.12 1.89 0.00
INDECK___CORINTH 23802	24.34 0.91 0.00	20.83 0.70 0.00	20.69 0.62 0.00	19.77 0.58 0.00	19.64 0.50 0.00	20.84 0.63 0.00	22.20 0.79 0.00	22.15 0.99 0.00	25.79 1.16 0.00	26.82 1.18 0.00	26.19 0.86 0.00	27.54 1.01 0.00	28.44 0.88 0.00	29.29 0.88 0.00	30.50 1.00 0.00	32.29 0.94 0.00	36.08 1.05 0.00	43.67 1.48 0.00	40.47 1.78 0.00	35.47 1.69 0.00	34.06 1.71 0.00	31.38 1.64 0.00	29.11 1.44 0.00	25.35 1.12 0.00
INDECK___ILION 23567	23.76 0.33 0.00	20.37 0.24 0.00	20.29 0.22 0.00	19.41 0.21 0.00	19.36 0.21 0.00	20.43 0.22 0.00	21.75 0.34 0.00	21.53 0.38 0.00	25.06 0.42 0.00	26.05 0.41 0.00	25.71 0.38 0.00	26.93 0.40 0.00	27.94 0.39 0.00	28.81 0.40 0.00	29.88 0.38 0.00	31.75 0.41 0.00	35.52 0.49 0.00	42.83 0.63 0.00	39.30 0.62 0.00	34.36 0.57 0.00	32.93 0.58 0.00	30.29 0.54 0.00	28.14 0.47 0.00	24.64 0.41 0.00
INDECK___OLEAN 23982	24.34 0.91 0.00	20.63 0.50 0.00	20.49 0.42 0.00	19.60 0.40 0.00	19.59 0.44 0.00	20.74 0.52 0.00	22.14 0.73 0.00	21.62 0.46 0.00	24.91 0.27 0.00	25.90 0.26 0.00	25.64 0.31 0.00	26.80 0.27 0.00	27.70 0.14 0.00	28.49 0.09 0.00	29.76 0.26 0.00	31.41 0.06 0.00	35.34 0.31 0.00	42.28 0.08 0.00	38.68 0.00 0.00	34.56 0.78 0.00	32.86 0.52 0.00	30.25 0.51 0.00	27.92 0.25 0.00	25.01 0.78 0.00
INDECK___OSWEGO 23783	23.15 -0.28 0.00	19.81 -0.32 0.00	19.71 -0.36 0.00	18.87 -0.33 0.00	18.82 -0.33 0.00	19.87 -0.34 0.00	21.13 -0.28 0.00	20.83 -0.32 0.00	24.81 0.17 0.00	25.82 0.18 0.00	25.53 0.20 0.00	26.75 0.21 0.00	27.75 0.19 0.00	30.74 -0.77 -3.10	32.23 -0.77 -3.51	34.75 -0.88 -4.28	39.92 -1.02 -5.91	50.03 -1.23 -9.06	45.09 -1.08 -7.49	38.41 -0.78 -5.40	36.77 -0.45 -4.88	33.01 -0.45 -3.70	29.83 -0.47 -2.63	25.15 -0.39 -1.31



INDECK___YERKES 23781	24.58 1.15 0.00	20.77 0.64 0.00	20.63 0.56 0.00	19.76 0.56 0.00	19.76 0.61 0.00	20.84 0.63 0.00	22.16 0.75 0.00	21.66 0.51 0.00	25.01 0.37 0.00	25.95 0.31 0.00	25.76 0.43 0.00	26.93 0.40 0.00	27.86 0.30 0.00	28.64 0.23 0.00	29.76 0.26 0.00	31.38 0.03 0.00	35.03 0.00 0.00	41.95 -0.25 0.00	38.42 -0.27 0.00	34.56 0.78 0.00	33.09 0.74 0.00	30.40 0.65 0.00	28.06 0.39 0.00	25.08 0.85 0.00
INDIAN POINT_GT_1 24139	24.83 1.41 0.00	21.14 1.01 0.00	20.99 0.92 0.00	20.00 0.81 0.00	19.95 0.80 0.00	21.02 0.81 0.00	22.57 1.16 0.00	22.55 1.40 0.00	26.48 1.85 0.00	27.69 2.05 0.00	27.38 2.05 0.00	28.71 2.18 0.00	29.84 2.29 0.00	30.77 2.36 0.00	31.80 2.30 0.00	33.95 2.60 0.00	37.97 2.94 0.00	45.83 3.63 0.00	41.70 3.02 0.00	36.05 2.26 0.00	34.52 2.17 0.00	31.71 1.96 0.00	29.66 1.99 0.00	25.83 1.60 0.00
INDIAN POINT_GT_2 23659	24.83 1.41 0.00	21.14 1.01 0.00	20.99 0.92 0.00	20.00 0.81 0.00	19.95 0.80 0.00	21.02 0.81 0.00	22.57 1.16 0.00	22.55 1.40 0.00	26.48 1.85 0.00	27.69 2.05 0.00	27.38 2.05 0.00	28.71 2.18 0.00	29.84 2.29 0.00	30.77 2.36 0.00	31.80 2.30 0.00	33.95 2.60 0.00	37.97 2.94 0.00	45.83 3.63 0.00	41.70 3.02 0.00	36.05 2.26 0.00	34.52 2.17 0.00	31.71 1.96 0.00	29.66 1.99 0.00	25.83 1.60 0.00
INDIAN POINT_GT_3 24019	24.83 1.41 0.00	21.14 1.01 0.00	20.99 0.92 0.00	20.00 0.81 0.00	19.95 0.80 0.00	21.02 0.81 0.00	22.57 1.16 0.00	22.55 1.40 0.00	26.48 1.85 0.00	27.69 2.05 0.00	27.38 2.05 0.00	28.71 2.18 0.00	29.84 2.29 0.00	30.77 2.36 0.00	31.80 2.30 0.00	33.95 2.60 0.00	37.97 2.94 0.00	45.83 3.63 0.00	41.70 3.02 0.00	36.05 2.26 0.00	34.52 2.17 0.00	31.71 1.96 0.00	29.66 1.99 0.00	25.83 1.60 0.00
INDIAN POINT___2 23530	24.81 1.38 0.00	21.12 0.99 0.00	20.97 0.90 0.00	19.99 0.79 0.00	19.93 0.79 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.55 1.40 0.00	26.49 1.85 0.00	27.67 2.03 0.00	27.36 2.03 0.00	28.68 2.15 0.00	29.82 2.26 0.00	30.71 2.30 0.00	31.74 2.24 0.00	33.92 2.57 0.00	37.93 2.91 0.00	45.74 3.54 0.00	41.62 2.94 0.00	35.98 2.19 0.00	34.35 2.01 0.00	31.66 1.91 0.00	29.61 1.94 0.00	25.81 1.57 0.00
INDIAN POINT___3 23531	24.81 1.38 0.00	21.12 0.99 0.00	20.97 0.90 0.00	20.00 0.81 0.00	19.95 0.80 0.00	21.02 0.81 0.00	22.57 1.16 0.00	22.55 1.40 0.00	26.48 1.85 0.00	27.67 2.03 0.00	27.36 2.03 0.00	28.69 2.15 0.00	29.82 2.26 0.00	30.71 2.30 0.00	31.74 2.24 0.00	33.92 2.57 0.00	37.93 2.91 0.00	45.74 3.54 0.00	41.62 2.94 0.00	35.98 2.20 0.00	34.48 2.14 0.00	31.65 1.90 0.00	29.61 1.94 0.00	25.81 1.58 0.00
INGHAM_C_115KV_TB7 356103	24.04 0.61 0.00	20.59 0.46 0.00	20.53 0.46 0.00	19.64 0.44 0.00	19.57 0.42 0.00	20.68 0.46 0.00	22.08 0.66 0.00	21.83 0.68 0.00	25.40 0.76 0.00	26.41 0.77 0.00	26.01 0.68 0.00	27.23 0.69 0.00	28.25 0.69 0.00	29.06 0.65 0.00	30.14 0.65 0.00	32.00 0.66 0.00	35.80 0.77 0.00	43.21 1.01 0.00	39.69 1.01 0.00	34.76 0.98 0.00	33.35 1.00 0.00	30.67 0.92 0.00	28.53 0.86 0.00	24.98 0.75 0.00
IP CORINTH___1 23988	24.48 1.05 0.00	20.93 0.81 0.00	20.81 0.74 0.00	19.87 0.67 0.00	19.82 0.67 0.00	20.94 0.73 0.00	22.33 0.92 0.00	22.27 1.12 0.00	25.94 1.31 0.00	26.95 1.31 0.00	26.34 1.01 0.00	27.68 1.14 0.00	28.60 1.05 0.00	29.43 1.02 0.00	30.67 1.18 0.00	32.47 1.13 0.00	36.29 1.26 0.00	43.93 1.73 0.00	40.70 2.01 0.00	35.68 1.89 0.00	34.32 1.97 0.00	31.56 1.81 0.00	29.27 1.60 0.00	25.49 1.26 0.00
IP___TICONDEROGA 23804	25.54 2.11 0.00	21.82 1.69 0.00	21.67 1.61 0.00	20.70 1.50 0.00	20.66 1.51 0.00	21.87 1.66 0.00	23.42 2.01 0.00	23.50 2.35 0.00	27.32 2.69 0.00	28.38 2.74 0.00	27.71 2.38 0.00	29.19 2.65 0.00	30.12 2.56 0.00	31.05 2.64 0.00	32.50 3.01 0.00	34.23 2.88 0.00	38.28 3.26 0.00	46.42 4.22 0.00	43.02 4.33 0.00	37.94 4.16 0.00	36.49 4.14 0.00	33.47 3.72 0.00	30.93 3.27 0.00	26.85 2.62 0.00
ISLIP_RES_REC 323679	26.78 3.00 -0.35	22.49 2.35 -0.01	22.11 2.05 0.00	21.00 1.80 0.00	20.77 1.63 0.00	22.03 1.82 0.00	23.47 2.06 0.00	23.48 2.33 0.00	28.02 3.25 -0.13	29.12 3.46 -0.01	30.69 3.22 -2.14	30.86 3.34 -0.98	31.21 3.50 -0.16	32.11 3.49 -0.20	33.28 3.66 -0.13	36.79 4.17 -1.27	41.90 4.87 -2.01	70.63 5.86 -22.57	50.66 5.07 -6.91	37.78 3.98 -0.02	36.04 3.69 -0.01	32.96 3.21 0.00	30.74 3.07 0.00	27.06 2.81 -0.02
JAMAICA__27_KV_LOAD 355505	25.09 1.66 0.00	21.22 1.09 0.00	21.09 1.02 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.14 0.93 0.00	22.72 1.31 0.00	22.82 1.67 0.00	26.90 2.27 0.00	28.15 2.51 0.00	27.76 2.43 0.00	29.11 2.57 0.00	30.18 2.62 0.00	31.08 2.67 0.00	31.97 2.48 0.00	34.29 2.95 0.00	38.32 3.29 0.00	46.33 4.14 0.00	42.01 3.33 0.00	36.18 2.40 0.00	34.68 2.33 0.00	31.86 2.11 0.00	30.08 2.41 0.00	26.02 1.79 0.00
JANIS___SOLAR 323808	24.65 1.22 0.00	20.97 0.85 0.00	20.83 0.76 0.00	19.97 0.77 0.00	19.89 0.75 0.00	21.06 0.85 0.00	22.52 1.11 0.00	22.25 1.10 0.00	25.70 1.06 0.00	26.56 0.92 0.00	26.12 0.79 0.00	27.39 0.85 0.00	28.38 0.83 0.00	29.77 0.77 -0.60	31.08 0.92 -0.67	33.08 0.91 -0.82	37.39 1.23 -1.13	45.63 1.69 -1.74	41.98 1.86 -1.44	36.85 2.03 -1.04	35.32 2.04 -0.94	32.28 1.81 -0.71	29.70 1.52 -0.51	25.82 1.33 -0.25
JARVIS____ 23743	23.52 0.09 0.00	20.17 0.04 0.00	20.09 0.02 0.00	19.22 0.02 0.00	19.16 0.02 0.00	20.23 0.02 0.00	21.50 0.09 0.00	21.26 0.11 0.00	24.74 0.10 0.00	25.74 0.10 0.00	25.43 0.10 0.00	26.64 0.11 0.00	27.67 0.11 0.00	28.55 0.14 0.00	29.61 0.12 0.00	31.47 0.13 0.00	35.17 0.14 0.00	42.41 0.21 0.00	38.88 0.19 0.00	33.95 0.17 0.00	32.51 0.16 0.00	29.90 0.15 0.00	27.81 0.14 0.00	24.35 0.12 0.00
JENNISON___1 23625	24.69 1.27 0.00	21.04 0.91 0.00	20.89 0.82 0.00	20.00 0.81 0.00	19.89 0.75 0.00	21.08 0.87 0.00	22.57 1.16 0.00	22.40 1.25 0.00	26.02 1.38 0.00	27.03 1.38 0.00	26.62 1.29 0.00	27.94 1.41 0.00	28.99 1.43 0.00	30.18 1.39 -0.38	31.43 1.50 -0.43	33.44 1.57 -0.53	37.61 1.86 -0.73	45.59 2.28 -1.11	41.85 2.24 -0.92	36.58 2.13 -0.66	35.05 2.10 -0.60	32.11 1.90 -0.45	29.65 1.66 -0.32	25.80 1.41 -0.16
JENNISON___2 23626	24.69 1.27 0.00	21.04 0.91 0.00	20.89 0.82 0.00	20.00 0.81 0.00	19.89 0.75 0.00	21.08 0.87 0.00	22.57 1.16 0.00	22.40 1.25 0.00	26.02 1.38 0.00	27.03 1.38 0.00	26.62 1.29 0.00	27.94 1.41 0.00	28.99 1.43 0.00	30.18 1.39 -0.38	31.43 1.50 -0.43	33.44 1.57 -0.53	37.61 1.86 -0.73	45.59 2.28 -1.11	41.85 2.24 -0.92	36.58 2.13 -0.66	35.05 2.10 -0.60	32.11 1.90 -0.45	29.65 1.66 -0.32	25.80 1.41 -0.16

JERICO_RISE_WT_PWR 323719	22.80 -0.63 0.00	19.77 -0.36 0.00	19.83 -0.24 0.00	19.02 -0.17 0.00	18.97 -0.17 0.00	20.07 -0.14 0.00	21.16 -0.26 0.00	20.83 -0.32 0.00	24.29 -0.34 0.00	25.33 -0.31 0.00	24.98 -0.35 0.00	26.14 -0.40 0.00	27.15 -0.41 0.00	28.04 -0.37 0.00	29.17 -0.32 0.00	30.97 -0.37 0.00	34.57 -0.46 0.00	41.61 -0.59 0.00	38.42 -0.27 0.00	33.58 -0.20 0.00	32.16 -0.19 0.00	29.54 -0.21 0.00	27.50 -0.17 0.00	24.16 -0.07 0.00
KATONAH__115KV_46KV_TB4 355592	24.88 1.45 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.08 0.88 0.00	19.99 0.84 0.00	21.04 0.83 0.00	22.61 1.20 0.00	22.59 1.44 0.00	26.58 1.95 0.00	27.92 2.28 0.00	27.56 2.23 0.00	28.92 2.39 0.00	30.07 2.51 0.00	30.97 2.56 0.00	32.06 2.57 0.00	34.26 2.92 0.00	38.32 3.29 0.00	46.25 4.05 0.00	42.09 3.40 0.00	36.39 2.60 0.00	34.87 2.52 0.00	31.98 2.23 0.00	29.88 2.21 0.00	26.00 1.77 0.00
KCE_NY_1 323755	24.67 1.24 0.00	21.12 0.99 0.00	20.99 0.92 0.00	20.04 0.84 0.00	19.95 0.80 0.00	21.12 0.91 0.00	22.50 1.09 0.00	22.38 1.23 0.00	26.09 1.45 0.00	27.10 1.46 0.00	26.67 1.34 0.00	27.99 1.46 0.00	29.04 1.49 0.00	29.97 1.56 0.00	31.15 1.65 0.00	33.04 1.69 0.00	36.92 1.89 0.00	44.64 2.45 0.00	41.12 2.44 0.00	35.91 2.13 0.00	34.42 2.07 0.00	31.63 1.88 0.00	29.39 1.72 0.00	25.66 1.43 0.00
KCE_NY_6_ESR 323823	24.60 1.17 0.00	20.79 0.66 0.00	20.65 0.58 0.00	19.77 0.58 0.00	19.76 0.61 0.00	20.88 0.67 0.00	22.27 0.86 0.00	21.76 0.61 0.00	25.13 0.49 0.00	26.08 0.44 0.00	25.86 0.53 0.00	27.04 0.50 0.00	27.97 0.41 0.00	28.75 0.34 0.00	29.94 0.44 0.00	31.57 0.22 0.00	35.30 0.28 0.00	42.28 0.08 0.00	38.72 0.04 0.00	34.76 0.98 0.00	33.25 0.90 0.00	30.55 0.80 0.00	28.22 0.55 0.00	25.20 0.97 0.00
KEDC_PORT_JEFF_GT2 24210	26.57 2.79 -0.35	22.31 2.17 -0.01	21.95 1.89 0.00	20.85 1.65 0.00	20.66 1.51 0.00	21.87 1.66 0.00	23.32 1.90 0.00	23.33 2.18 0.00	27.82 3.05 -0.13	28.89 3.23 -0.01	30.46 2.99 -2.14	30.59 3.08 -0.98	30.94 3.22 -0.16	31.85 3.24 -0.20	32.93 3.30 -0.13	36.44 3.82 -1.27	41.49 4.45 -2.01	71.15 5.36 -23.59	50.26 4.64 -6.93	37.42 3.62 -0.02	35.69 3.33 -0.01	32.67 2.92 0.00	30.52 2.85 0.00	26.87 2.62 -0.02
KEDC_PORT_JEFF_GT3 24211	26.57 2.79 -0.35	22.31 2.17 -0.01	21.95 1.89 0.00	20.85 1.65 0.00	20.66 1.51 0.00	21.87 1.66 0.00	23.32 1.90 0.00	23.33 2.18 0.00	27.82 3.05 -0.13	28.89 3.23 -0.01	30.46 2.99 -2.14	30.59 3.08 -0.98	30.94 3.22 -0.16	31.85 3.24 -0.20	32.93 3.30 -0.13	36.44 3.82 -1.27	41.49 4.45 -2.01	71.15 5.36 -23.59	50.26 4.64 -6.93	37.42 3.62 -0.02	35.69 3.33 -0.01	32.67 2.92 0.00	30.52 2.85 0.00	26.87 2.62 -0.02
KEDC_GLWD_GT4 24219	25.70 1.92 -0.35	21.59 1.45 -0.01	21.33 1.26 0.00	20.31 1.11 0.00	20.22 1.07 0.00	21.34 1.13 0.00	22.91 1.50 0.00	22.97 1.82 0.00	27.18 2.42 -0.13	28.32 2.67 -0.01	30.13 2.66 -2.14	30.33 2.81 -0.98	30.67 2.95 -0.16	31.60 2.98 -0.20	32.57 2.95 -0.13	35.94 3.32 -1.27	40.54 3.50 -2.01	51.38 4.31 -4.87	49.12 3.60 -6.84	36.77 2.97 -0.02	35.10 2.75 -0.01	32.31 2.56 0.00	30.16 2.49 0.00	26.38 2.13 -0.02
KEDC_GLWD_GT5 24220	25.70 1.92 -0.35	21.59 1.45 -0.01	21.33 1.26 0.00	20.31 1.11 0.00	20.22 1.07 0.00	21.34 1.13 0.00	22.91 1.50 0.00	22.97 1.82 0.00	27.18 2.42 -0.13	28.32 2.67 -0.01	30.13 2.66 -2.14	30.33 2.81 -0.98	30.67 2.95 -0.16	31.60 2.98 -0.20	32.57 2.95 -0.13	35.94 3.32 -1.27	40.54 3.50 -2.01	51.38 4.31 -4.87	49.12 3.60 -6.84	36.77 2.97 -0.02	35.10 2.75 -0.01	32.31 2.56 0.00	30.16 2.49 0.00	26.38 2.13 -0.02
KENSICO____ 23655	24.93 1.50 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.06 0.86 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.65 1.24 0.00	22.65 1.50 0.00	26.61 1.97 0.00	27.80 2.15 0.00	27.51 2.18 0.00	28.84 2.31 0.00	29.98 2.43 0.00	30.88 2.47 0.00	31.88 2.39 0.00	34.07 2.73 0.00	38.07 3.05 0.00	45.95 3.76 0.00	41.78 3.09 0.00	36.12 2.33 0.00	34.61 2.26 0.00	31.80 2.05 0.00	29.74 2.08 0.00	25.90 1.67 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.79 1.36 0.00	21.12 0.99 0.00	20.95 0.88 0.00	20.00 0.81 0.00	19.95 0.80 0.00	21.00 0.79 0.00	22.57 1.16 0.00	22.50 1.35 0.00	26.39 1.75 0.00	27.46 1.82 0.00	27.20 1.87 0.00	28.53 1.99 0.00	29.71 2.15 0.00	30.28 1.87 0.00	31.35 1.86 0.00	33.54 2.19 0.00	37.62 2.59 0.00	45.40 3.21 0.00	41.39 2.71 0.00	35.88 2.09 0.00	34.39 2.04 0.00	31.80 2.05 0.00	29.69 2.02 0.00	25.83 1.60 0.00
KIAC_JFK_GT1 23816	25.02 1.59 0.00	21.18 1.05 0.00	21.05 0.98 0.00	20.02 0.83 0.00	19.99 0.84 0.00	21.08 0.87 0.00	22.65 1.24 0.00	22.74 1.59 0.00	26.83 2.19 0.00	28.08 2.44 0.00	27.66 2.33 0.00	29.00 2.47 0.00	30.09 2.54 0.00	30.97 2.56 0.00	31.88 2.39 0.00	34.17 2.82 0.00	38.18 3.15 0.00	46.16 3.97 0.00	41.86 3.17 0.00	36.05 2.26 0.00	34.55 2.20 0.00	31.74 1.99 0.00	29.97 2.30 0.00	25.95 1.72 0.00
KIAC_JFK_GT2 23817	25.02 1.59 0.00	21.18 1.05 0.00	21.05 0.98 0.00	20.02 0.83 0.00	19.99 0.84 0.00	21.08 0.87 0.00	22.65 1.24 0.00	22.74 1.59 0.00	26.83 2.19 0.00	28.08 2.44 0.00	27.66 2.33 0.00	29.00 2.47 0.00	30.09 2.54 0.00	30.97 2.56 0.00	31.88 2.39 0.00	34.17 2.82 0.00	38.18 3.15 0.00	46.16 3.97 0.00	41.86 3.17 0.00	36.05 2.26 0.00	34.55 2.20 0.00	31.74 1.99 0.00	29.97 2.30 0.00	25.95 1.72 0.00
KIAC_JFK____ 323774	25.00 1.57 0.00	21.18 1.05 0.00	21.05 0.98 0.00	20.02 0.82 0.00	19.95 0.80 0.00	21.08 0.87 0.00	22.65 1.24 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.08 2.44 0.00	27.66 2.33 0.00	29.00 2.47 0.00	30.09 2.53 0.00	30.97 2.56 0.00	31.88 2.39 0.00	34.17 2.82 0.00	38.18 3.15 0.00	46.12 3.92 0.00	41.86 3.17 0.00	36.01 2.23 0.00	34.45 2.10 0.00	31.74 1.99 0.00	29.94 2.27 0.00	25.95 1.72 0.00
KINTIGH____ 23543	24.04 0.61 0.00	20.43 0.30 0.00	20.27 0.20 0.00	19.41 0.21 0.00	19.30 0.15 0.00	20.45 0.24 0.00	21.78 0.36 0.00	21.32 0.17 0.00	24.64 0.00 0.00	25.56 -0.08 0.00	25.33 0.00 0.00	26.51 -0.03 0.00	27.45 -0.11 0.00	28.21 -0.20 0.00	29.32 -0.18 0.00	30.94 -0.41 0.00	34.57 -0.46 0.00	41.31 -0.89 0.00	37.95 -0.74 0.00	33.99 0.20 0.00	32.22 -0.13 0.00	29.90 0.15 0.00	27.61 -0.06 0.00	24.59 0.36 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.08 -0.35 0.00	19.99 -0.14 0.00	20.03 -0.04 0.00	19.22 0.02 0.00	19.20 0.06 0.00	20.29 0.08 0.00	21.37 -0.04 0.00	21.07 -0.08 0.00	24.56 -0.07 0.00	25.62 -0.03 0.00	25.28 -0.05 0.00	26.43 -0.11 0.00	27.45 -0.11 0.00	28.38 -0.03 0.00	29.55 0.06 0.00	31.35 0.00 0.00	35.03 0.00 0.00	42.11 -0.08 0.00	38.96 0.27 0.00	34.09 0.30 0.00	32.64 0.29 0.00	29.96 0.21 0.00	27.84 0.17 0.00	24.45 0.22 0.00

LACHUTE____HYDRO 323717	25.54 2.11 0.00	21.82 1.69 0.00	21.67 1.61 0.00	20.70 1.50 0.00	20.64 1.49 0.00	21.87 1.66 0.00	23.42 2.01 0.00	23.50 2.35 0.00	27.32 2.69 0.00	28.39 2.74 0.00	27.71 2.38 0.00	29.19 2.65 0.00	30.12 2.56 0.00	31.11 2.70 0.00	32.50 3.01 0.00	34.23 2.88 0.00	38.28 3.26 0.00	46.42 4.22 0.00	43.02 4.33 0.00	37.94 4.15 0.00	36.42 4.08 0.00	33.47 3.72 0.00	30.93 3.26 0.00	26.85 2.62 0.00
LAWRNCAV_115KV_TB1 80681	22.89 -0.54 0.00	19.81 -0.32 0.00	19.85 -0.22 0.00	19.03 -0.17 0.00	18.94 -0.21 0.00	19.99 -0.22 0.00	20.96 -0.45 0.00	20.43 -0.72 0.00	23.68 -0.96 0.00	24.59 -1.05 0.00	24.27 -1.06 0.00	25.40 -1.14 0.00	26.40 -1.16 0.00	27.41 -1.19 -0.20	28.54 -1.18 -0.22	30.33 -1.29 -0.27	33.86 -1.54 -0.37	40.87 -1.90 -0.57	37.53 -1.62 -0.47	32.74 -1.39 -0.34	31.43 -1.23 -0.31	28.97 -1.01 -0.23	27.09 -0.75 -0.17	23.76 -0.56 -0.08
LEDERLE____ 23769	24.90 1.48 0.00	21.20 1.07 0.00	21.03 0.96 0.00	20.06 0.86 0.00	20.01 0.86 0.00	21.08 0.87 0.00	22.65 1.24 0.00	22.65 1.50 0.00	26.61 1.97 0.00	27.77 2.13 0.00	27.51 2.18 0.00	28.84 2.31 0.00	30.01 2.45 0.00	30.91 2.50 0.00	31.97 2.48 0.00	34.17 2.82 0.00	38.25 3.22 0.00	46.12 3.92 0.00	41.93 3.25 0.00	36.25 2.47 0.00	34.71 2.36 0.00	31.86 2.11 0.00	29.77 2.10 0.00	25.93 1.70 0.00
LIGHTHSE_115KV_TB6 355974	23.50 0.07 0.00	20.09 -0.04 0.00	19.99 -0.08 0.00	19.14 -0.06 0.00	19.07 -0.08 0.00	20.17 -0.04 0.00	21.45 0.04 0.00	21.17 0.02 0.00	24.88 0.25 0.00	25.87 0.23 0.00	25.53 0.20 0.00	26.78 0.24 0.00	27.78 0.22 0.00	29.86 -0.23 -1.68	31.21 -0.18 -1.90	33.35 -0.31 -2.31	37.80 -0.42 -3.20	46.63 -0.46 -4.90	42.43 -0.31 -4.05	36.64 -0.07 -2.92	35.02 0.03 -2.64	31.90 0.15 -2.00	29.15 0.06 -1.42	24.96 0.02 -0.71
LINDEN COGEN____ 23786	24.88 1.45 0.00	21.12 0.99 0.00	20.97 0.90 0.00	19.99 0.79 0.00	19.93 0.79 0.00	21.00 0.79 0.00	22.61 1.20 0.00	22.65 1.50 0.00	26.66 2.02 0.00	27.90 2.26 0.00	27.63 2.30 0.00	28.95 2.41 0.00	30.04 2.48 0.00	30.88 2.47 0.00	31.80 2.30 0.00	34.04 2.70 0.00	38.04 3.01 0.00	45.91 3.71 0.00	41.66 2.98 0.00	35.88 2.10 0.00	34.32 1.97 0.00	31.71 1.96 0.00	29.77 2.10 0.00	25.88 1.65 0.00
LINDHRST_69_KV_BK1 356055	26.38 2.60 -0.35	22.14 2.01 0.00	21.79 1.73 0.00	20.71 1.52 0.00	20.66 1.51 0.00	21.75 1.54 0.00	23.32 1.91 0.00	23.39 2.24 0.00	27.80 3.03 -0.13	28.91 3.26 -0.01	30.59 3.12 -2.14	30.78 3.26 -0.98	31.10 3.39 -0.16	32.05 3.44 -0.20	33.08 3.45 -0.13	36.57 3.95 -1.27	41.63 4.59 -2.01	56.83 5.53 -9.10	50.29 4.76 -6.84	37.55 3.75 -0.02	35.94 3.59 0.00	32.87 3.12 0.00	30.80 3.13 0.00	26.96 2.71 -0.02
LIPA_MISC_IPP 23656	26.62 2.83 -0.35	22.34 2.21 0.00	21.99 1.93 0.00	20.91 1.71 0.00	20.85 1.70 0.00	21.91 1.70 0.00	23.30 1.88 0.00	23.24 2.09 0.00	27.82 3.05 -0.13	28.78 3.13 -0.01	30.29 2.81 -2.14	30.43 2.92 -0.98	30.75 3.03 -0.16	31.68 3.07 -0.20	32.75 3.13 -0.13	36.26 3.64 -1.27	41.31 4.27 -2.01	69.38 5.19 -21.99	50.05 4.45 -6.92	37.28 3.48 -0.02	35.65 3.30 0.00	32.52 2.77 0.00	30.46 2.79 0.00	26.74 2.50 -0.02
LISF____SOLAR 323691	26.66 2.88 -0.35	22.39 2.25 -0.01	22.01 1.95 0.00	20.93 1.73 0.00	20.73 1.59 0.00	21.93 1.72 0.00	23.34 1.93 0.00	23.27 2.11 0.00	27.82 3.05 -0.13	28.81 3.15 -0.01	30.31 2.84 -2.14	30.46 2.95 -0.98	30.80 3.09 -0.16	31.71 3.10 -0.20	32.81 3.19 -0.13	36.32 3.70 -1.27	41.38 4.34 -2.01	69.61 5.23 -22.18	50.17 4.56 -6.92	37.35 3.55 -0.02	35.66 3.30 -0.01	32.61 2.86 0.00	30.44 2.77 0.00	26.79 2.54 -0.02
LITTLE FALLS____HYD 24013	24.04 0.61 0.00	20.59 0.46 0.00	20.53 0.46 0.00	19.64 0.44 0.00	19.57 0.42 0.00	20.68 0.46 0.00	22.08 0.66 0.00	21.83 0.68 0.00	25.40 0.76 0.00	26.41 0.77 0.00	26.01 0.68 0.00	27.23 0.69 0.00	28.25 0.69 0.00	29.06 0.65 0.00	30.14 0.65 0.00	32.00 0.66 0.00	35.80 0.77 0.00	43.21 1.01 0.00	39.69 1.01 0.00	34.76 0.98 0.00	33.35 1.00 0.00	30.67 0.92 0.00	28.53 0.86 0.00	24.98 0.75 0.00
LITTLRIV_115KV_TB1 356100	23.03 -0.40 0.00	19.95 -0.18 0.00	19.99 -0.08 0.00	19.16 -0.04 0.00	19.07 -0.08 0.00	20.15 -0.06 0.00	21.13 -0.28 0.00	20.62 -0.53 0.00	23.90 -0.74 0.00	24.82 -0.82 0.00	24.47 -0.86 0.00	25.63 -0.90 0.00	26.65 -0.91 0.00	27.68 -0.94 -0.21	28.85 -0.88 -0.24	30.63 -1.00 -0.29	34.20 -1.23 -0.40	41.29 -1.52 -0.62	37.96 -1.24 -0.51	33.14 -1.01 -0.37	31.84 -0.84 -0.33	29.32 -0.68 -0.25	27.38 -0.47 -0.18	23.98 -0.34 -0.09
LI_NEWBRDGE____DRP 323616	25.75 1.97 -0.35	21.62 1.49 0.00	21.33 1.26 0.00	20.27 1.08 0.00	20.22 1.07 0.00	21.28 1.07 0.00	22.85 1.43 0.00	22.93 1.78 0.00	27.18 2.41 -0.13	28.29 2.64 -0.01	29.98 2.51 -2.14	30.14 2.63 -0.98	30.44 2.73 -0.16	31.37 2.76 -0.20	32.31 2.68 -0.13	35.66 3.04 -1.27	40.54 3.50 -2.01	51.33 4.26 -4.87	49.12 3.60 -6.84	36.50 2.70 -0.02	35.00 2.65 0.00	32.07 2.32 0.00	30.10 2.43 0.00	26.36 2.11 -0.02
LOCKPORT_115KV_TB60_63_64 80432	24.27 0.84 0.00	20.59 0.46 0.00	20.41 0.34 0.00	19.54 0.35 0.00	19.43 0.29 0.00	20.62 0.40 0.00	22.03 0.62 0.00	21.47 0.32 0.00	24.78 0.15 0.00	25.69 0.05 0.00	25.48 0.15 0.00	26.64 0.11 0.00	27.59 0.03 0.00	28.35 -0.06 0.00	29.44 -0.06 0.00	31.03 -0.31 0.00	34.68 -0.35 0.00	41.40 -0.80 0.00	38.03 -0.66 0.00	34.22 0.44 0.00	32.41 0.06 0.00	30.11 0.36 0.00	27.78 0.11 0.00	24.86 0.63 0.00
LOCKPORT____CC1 323769	24.32 0.89 0.00	20.55 0.42 0.00	20.41 0.34 0.00	19.54 0.35 0.00	19.55 0.40 0.00	20.62 0.40 0.00	22.03 0.62 0.00	21.47 0.32 0.00	24.76 0.12 0.00	25.69 0.05 0.00	25.48 0.15 0.00	26.64 0.11 0.00	27.56 0.00 0.00	28.30 -0.11 0.00	29.44 -0.06 0.00	31.03 -0.31 0.00	34.64 -0.38 0.00	41.48 -0.72 0.00	38.03 -0.66 0.00	34.26 0.47 0.00	32.80 0.45 0.00	30.11 0.36 0.00	27.81 0.14 0.00	24.86 0.63 0.00
LOCKPORT____CC2 323770	24.32 0.89 0.00	20.55 0.42 0.00	20.41 0.34 0.00	19.54 0.35 0.00	19.55 0.40 0.00	20.62 0.40 0.00	22.03 0.62 0.00	21.47 0.32 0.00	24.76 0.12 0.00	25.69 0.05 0.00	25.48 0.15 0.00	26.64 0.11 0.00	27.56 0.00 0.00	28.30 -0.11 0.00	29.44 -0.06 0.00	31.03 -0.31 0.00	34.64 -0.38 0.00	41.48 -0.72 0.00	38.03 -0.66 0.00	34.26 0.47 0.00	32.80 0.45 0.00	30.11 0.36 0.00	27.81 0.14 0.00	24.86 0.63 0.00
LOCKPORT____CC3 323771	24.32 0.89 0.00	20.55 0.42 0.00	20.41 0.34 0.00	19.54 0.35 0.00	19.55 0.40 0.00	20.62 0.40 0.00	22.03 0.62 0.00	21.47 0.32 0.00	24.76 0.12 0.00	25.69 0.05 0.00	25.48 0.15 0.00	26.64 0.11 0.00	27.56 0.00 0.00	28.30 -0.11 0.00	29.44 -0.06 0.00	31.03 -0.31 0.00	34.64 -0.38 0.00	41.48 -0.72 0.00	38.03 -0.66 0.00	34.26 0.47 0.00	32.80 0.45 0.00	30.11 0.36 0.00	27.81 0.14 0.00	24.86 0.63 0.00

LONG_LAKE_PHOENIX 24014	23.31 -0.12 0.00	19.95 -0.18 0.00	19.83 -0.24 0.00	18.99 -0.21 0.00	18.94 -0.21 0.00	19.99 -0.22 0.00	21.28 -0.13 0.00	20.98 -0.17 0.00	24.88 0.25 0.00	25.92 0.28 0.00	25.61 0.28 0.00	26.83 0.29 0.00	27.86 0.30 0.00	30.42 -0.34 -2.35	31.83 -0.32 -2.66	34.18 -0.41 -3.25	39.09 -0.42 -4.48	48.52 -0.55 -6.87	43.90 -0.46 -5.68	37.61 -0.27 -4.10	35.72 -0.32 -3.70	32.35 -0.21 -2.81	29.39 -0.28 -1.99	25.03 -0.19 -0.99
LOVETT___3 23632	24.79 1.36 0.00	21.10 0.97 0.00	20.93 0.86 0.00	19.97 0.77 0.00	19.93 0.78 0.00	21.00 0.79 0.00	22.55 1.13 0.00	22.53 1.37 0.00	26.46 1.82 0.00	27.62 1.97 0.00	27.33 2.00 0.00	28.66 2.12 0.00	29.79 2.23 0.00	30.68 2.27 0.00	31.74 2.24 0.00	33.92 2.57 0.00	37.93 2.91 0.00	45.74 3.54 0.00	41.62 2.94 0.00	35.98 2.20 0.00	34.45 2.10 0.00	31.62 1.87 0.00	29.58 1.91 0.00	25.78 1.55 0.00
LOVETT___4 23642	24.79 1.36 0.00	21.10 0.97 0.00	20.93 0.86 0.00	19.97 0.77 0.00	19.93 0.78 0.00	21.00 0.79 0.00	22.55 1.13 0.00	22.53 1.37 0.00	26.46 1.82 0.00	27.62 1.97 0.00	27.33 2.00 0.00	28.66 2.12 0.00	29.79 2.23 0.00	30.68 2.27 0.00	31.74 2.24 0.00	33.92 2.57 0.00	37.93 2.91 0.00	45.74 3.54 0.00	41.62 2.94 0.00	35.98 2.20 0.00	34.45 2.10 0.00	31.62 1.87 0.00	29.58 1.91 0.00	25.78 1.55 0.00
LOVETT___5 23593	24.79 1.36 0.00	21.10 0.97 0.00	20.93 0.86 0.00	19.97 0.77 0.00	19.93 0.78 0.00	21.00 0.79 0.00	22.55 1.13 0.00	22.53 1.37 0.00	26.46 1.82 0.00	27.62 1.97 0.00	27.33 2.00 0.00	28.66 2.12 0.00	29.79 2.23 0.00	30.68 2.27 0.00	31.74 2.24 0.00	33.92 2.57 0.00	37.93 2.91 0.00	45.74 3.54 0.00	41.62 2.94 0.00	35.98 2.20 0.00	34.45 2.10 0.00	31.62 1.87 0.00	29.58 1.91 0.00	25.78 1.55 0.00
LOWER RAQUET___HYD 24057	22.87 -0.56 0.00	19.81 -0.32 0.00	19.83 -0.24 0.00	19.01 -0.19 0.00	18.94 -0.21 0.00	19.97 -0.24 0.00	20.94 -0.47 0.00	20.39 -0.76 0.00	23.63 -1.01 0.00	24.51 -1.13 0.00	24.17 -1.16 0.00	25.32 -1.22 0.00	26.29 -1.27 0.00	27.32 -1.31 -0.22	28.47 -1.27 -0.25	30.24 -1.41 -0.30	33.76 -1.68 -0.42	40.77 -2.07 -0.64	37.47 -1.74 -0.53	32.68 -1.49 -0.38	31.33 -1.36 -0.34	28.94 -1.07 -0.26	27.08 -0.77 -0.18	23.77 -0.56 -0.09
LOWER___HUDSON 24059	24.41 0.98 0.00	20.89 0.76 0.00	20.77 0.70 0.00	19.85 0.65 0.00	19.78 0.63 0.00	20.90 0.69 0.00	22.27 0.86 0.00	22.10 0.95 0.00	25.79 1.16 0.00	26.80 1.15 0.00	26.42 1.09 0.00	27.70 1.17 0.00	28.77 1.21 0.00	29.72 1.31 0.00	30.82 1.33 0.00	32.76 1.41 0.00	36.57 1.54 0.00	44.22 2.03 0.00	40.66 1.97 0.00	35.41 1.62 0.00	33.87 1.52 0.00	31.15 1.40 0.00	28.97 1.30 0.00	25.35 1.12 0.00
LOWVILLE_115KV_TB2 356335	23.83 0.40 0.00	20.43 0.30 0.00	20.35 0.28 0.00	19.51 0.31 0.00	19.39 0.25 0.00	20.54 0.32 0.00	21.84 0.43 0.00	21.57 0.42 0.00	25.10 0.47 0.00	26.05 0.41 0.00	25.66 0.33 0.00	26.93 0.40 0.00	27.94 0.39 0.00	29.17 0.26 -0.50	30.39 0.32 -0.57	32.29 0.25 -0.69	36.27 0.28 -0.96	44.13 0.46 -1.47	40.52 0.62 -1.22	35.40 0.74 -0.88	34.01 0.87 -0.79	31.18 0.83 -0.60	28.79 0.69 -0.43	24.98 0.53 -0.21
LUTHERFT_115KV_GLOB_FND_222 355753	24.67 1.24 0.00	21.12 0.99 0.00	20.99 0.92 0.00	20.04 0.84 0.00	19.99 0.84 0.00	21.10 0.89 0.00	22.50 1.09 0.00	22.38 1.23 0.00	26.07 1.43 0.00	27.10 1.46 0.00	26.65 1.32 0.00	28.00 1.46 0.00	29.05 1.49 0.00	29.94 1.53 0.00	31.15 1.65 0.00	33.04 1.69 0.00	36.88 1.86 0.00	44.60 2.41 0.00	41.08 2.40 0.00	35.91 2.13 0.00	34.45 2.10 0.00	31.62 1.87 0.00	29.36 1.69 0.00	25.64 1.41 0.00
LUTHERNY_35_KV_BK2 355980	24.67 1.24 0.00	21.12 0.99 0.00	20.99 0.92 0.00	20.04 0.84 0.00	20.01 0.86 0.00	21.12 0.91 0.00	22.50 1.09 0.00	22.38 1.23 0.00	26.09 1.45 0.00	27.10 1.46 0.00	26.67 1.34 0.00	28.00 1.46 0.00	29.05 1.49 0.00	29.97 1.56 0.00	31.15 1.65 0.00	33.04 1.69 0.00	36.92 1.89 0.00	44.64 2.45 0.00	41.12 2.44 0.00	35.91 2.13 0.00	34.48 2.14 0.00	31.62 1.87 0.00	29.39 1.72 0.00	25.66 1.43 0.00
LWR___OSWEGATCHIE_HYD 23850	23.33 -0.09 0.00	20.09 -0.04 0.00	20.07 0.00 0.00	19.24 0.04 0.00	19.15 0.00 0.00	20.23 0.02 0.00	21.37 -0.04 0.00	20.96 -0.19 0.00	24.37 -0.27 0.00	25.26 -0.38 0.00	24.90 -0.43 0.00	26.11 -0.42 0.00	27.09 -0.47 0.00	28.28 -0.57 -0.44	29.43 -0.56 -0.49	31.29 -0.66 -0.60	35.05 -0.81 -0.83	42.59 -0.89 -1.27	39.12 -0.62 -1.05	34.14 -0.41 -0.76	32.78 -0.26 -0.69	30.12 -0.15 -0.52	27.98 -0.06 -0.37	24.39 -0.02 -0.18
LYONS_FALL_HYD 23570	23.85 0.42 0.00	20.43 0.30 0.00	20.35 0.28 0.00	19.50 0.31 0.00	19.45 0.31 0.00	20.53 0.32 0.00	21.88 0.47 0.00	21.64 0.49 0.00	25.20 0.57 0.00	26.15 0.51 0.00	25.79 0.46 0.00	27.07 0.53 0.00	28.08 0.52 0.00	29.23 0.45 -0.37	30.41 0.50 -0.41	32.32 0.47 -0.51	36.25 0.53 -0.70	43.99 0.72 -1.07	40.39 0.81 -0.89	35.30 0.88 -0.64	33.90 0.97 -0.58	31.08 0.89 -0.44	28.73 0.75 -0.31	24.97 0.58 -0.16
MADISON___COUNTY_LFGE 323628	23.99 0.56 0.00	20.53 0.40 0.00	20.41 0.34 0.00	19.54 0.35 0.00	19.47 0.33 0.00	20.60 0.38 0.00	22.01 0.60 0.00	21.79 0.63 0.00	25.33 0.69 0.00	26.36 0.72 0.00	25.99 0.66 0.00	27.25 0.72 0.00	28.30 0.74 0.00	29.51 0.71 -0.39	30.73 0.80 -0.44	32.66 0.78 -0.53	36.67 0.91 -0.74	44.47 1.14 -1.13	40.78 1.16 -0.93	35.61 1.15 -0.67	34.09 1.13 -0.61	31.25 1.04 -0.46	28.86 0.86 -0.33	25.10 0.70 -0.16
MALONE___115KV_TB1 356076	22.96 -0.47 0.00	19.91 -0.22 0.00	19.95 -0.12 0.00	19.14 -0.06 0.00	19.11 -0.04 0.00	20.19 -0.02 0.00	21.26 -0.15 0.00	20.90 -0.25 0.00	24.32 -0.32 0.00	25.33 -0.31 0.00	25.00 -0.33 0.00	26.16 -0.37 0.00	27.17 -0.39 0.00	28.07 -0.34 0.00	29.20 -0.29 0.00	31.00 -0.34 0.00	34.57 -0.46 0.00	41.61 -0.59 0.00	38.41 -0.27 0.00	33.62 -0.17 0.00	32.19 -0.16 0.00	29.60 -0.15 0.00	27.59 -0.08 0.00	24.23 0.00 0.00
MAPLEWOD_115KV_TB3 80458	24.34 0.91 0.00	20.83 0.70 0.00	20.71 0.64 0.00	19.77 0.58 0.00	19.74 0.59 0.00	20.82 0.61 0.00	22.29 0.88 0.00	22.15 0.99 0.00	25.82 1.18 0.00	26.82 1.18 0.00	26.47 1.14 0.00	27.78 1.25 0.00	28.88 1.32 0.00	29.80 1.39 0.00	30.97 1.47 0.00	32.88 1.54 0.00	36.71 1.68 0.00	44.31 2.11 0.00	40.66 1.97 0.00	35.44 1.66 0.00	34.00 1.65 0.00	31.15 1.40 0.00	28.97 1.30 0.00	25.32 1.09 0.00
MAPLE RIDGE_WT_1 323574	23.05 -0.38 0.00	19.85 -0.28 0.00	19.83 -0.24 0.00	18.97 -0.23 0.00	18.94 -0.21 0.00	19.99 -0.22 0.00	21.13 -0.28 0.00	20.98 -0.17 0.00	24.51 -0.12 0.00	25.49 -0.15 0.00	25.15 -0.18 0.00	26.30 -0.24 0.00	27.28 -0.28 0.00	28.12 -0.28 0.00	29.26 -0.24 0.00	31.16 -0.19 0.00	34.89 -0.14 0.00	42.15 -0.04 0.00	38.72 0.04 0.00	33.85 0.07 0.00	32.45 0.10 0.00	29.81 0.06 0.00	27.73 0.06 0.00	24.28 0.05 0.00

MAPLE_RIDGE_WT_2 323611	23.05 -0.38 0.00	19.85 -0.28 0.00	19.83 -0.24 0.00	18.97 -0.23 0.00	18.94 -0.21 0.00	19.99 -0.22 0.00	21.13 -0.28 0.00	20.98 -0.17 0.00	24.51 -0.12 0.00	25.49 -0.15 0.00	25.15 -0.18 0.00	26.30 -0.24 0.00	27.28 -0.28 0.00	28.12 -0.28 0.00	29.26 -0.24 0.00	31.16 -0.19 0.00	34.89 -0.14 0.00	42.15 -0.04 0.00	38.72 0.04 0.00	33.85 0.07 0.00	32.45 0.10 0.00	29.81 0.06 0.00	27.73 0.06 0.00	24.28 0.05 0.00
MARBLE_RIVER_WT_PWR 323696	22.84 -0.58 0.00	19.81 -0.32 0.00	19.87 -0.20 0.00	19.06 -0.13 0.00	19.01 -0.13 0.00	20.13 -0.08 0.00	21.20 -0.21 0.00	20.90 -0.25 0.00	24.37 -0.27 0.00	25.41 -0.23 0.00	25.08 -0.25 0.00	26.24 -0.29 0.00	27.23 -0.33 0.00	28.12 -0.28 0.00	29.26 -0.24 0.00	31.06 -0.28 0.00	34.68 -0.35 0.00	41.73 -0.46 0.00	38.53 -0.15 0.00	33.68 -0.10 0.00	32.25 -0.10 0.00	29.63 -0.12 0.00	27.59 -0.08 0.00	24.23 0.00 0.00
MARSHVLE_115KV_TB1 80742	24.62 1.19 0.00	21.04 0.91 0.00	20.89 0.82 0.00	19.97 0.77 0.00	19.89 0.75 0.00	21.10 0.89 0.00	22.50 1.09 0.00	22.40 1.25 0.00	26.02 1.38 0.00	27.00 1.36 0.00	26.57 1.24 0.00	27.89 1.35 0.00	28.99 1.43 0.00	29.89 1.48 0.00	31.09 1.59 0.00	32.98 1.63 0.00	36.99 1.96 0.00	44.77 2.57 0.00	41.20 2.51 0.00	36.18 2.40 0.00	34.74 2.39 0.00	31.77 2.02 0.00	29.41 1.74 0.00	25.56 1.33 0.00
MARSH_HILL_WT_PWR 323713	24.76 1.33 0.00	20.97 0.85 0.00	20.83 0.76 0.00	19.93 0.73 0.00	19.91 0.77 0.00	21.06 0.85 0.00	22.50 1.09 0.00	22.12 0.97 0.00	25.55 0.91 0.00	26.51 0.87 0.00	26.19 0.86 0.00	27.39 0.85 0.00	28.36 0.80 0.00	29.41 0.74 -0.26	30.70 0.92 -0.29	32.45 0.75 -0.36	36.50 0.98 -0.49	44.01 1.06 -0.76	40.39 1.08 -0.63	35.89 1.66 -0.45	34.28 1.52 -0.41	31.49 1.43 -0.31	29.00 1.11 -0.22	25.65 1.31 -0.11
MCINTYRE_115KV_TB2 80467	23.12 -0.30 0.00	20.03 -0.10 0.00	20.09 0.02 0.00	19.26 0.06 0.00	19.16 0.02 0.00	20.25 0.04 0.00	21.20 -0.21 0.00	20.71 -0.44 0.00	24.00 -0.64 0.00	24.95 -0.69 0.00	24.60 -0.73 0.00	25.77 -0.77 0.00	26.79 -0.77 0.00	27.61 -0.80 0.00	28.76 -0.74 0.00	30.53 -0.81 0.00	34.01 -1.02 0.00	40.93 -1.27 0.00	37.76 -0.93 0.00	33.04 -0.74 0.00	31.80 -0.55 0.00	29.27 -0.48 0.00	27.31 -0.36 0.00	23.96 -0.27 0.00
MECO____69_KV_BK1 80468	25.14 1.71 0.00	21.48 1.35 0.00	21.33 1.26 0.00	20.39 1.19 0.00	20.33 1.19 0.00	21.55 1.33 0.00	23.34 1.93 0.00	23.31 2.16 0.00	26.93 2.29 0.00	27.77 2.13 0.00	27.26 1.93 0.00	28.61 2.07 0.00	29.71 2.15 0.00	30.62 2.22 0.00	32.00 2.51 0.00	33.92 2.57 0.00	38.14 3.12 0.00	46.42 4.22 0.00	42.86 4.18 0.00	37.91 4.12 0.00	36.36 4.01 0.00	33.20 3.45 0.00	30.66 2.99 0.00	26.61 2.37 0.00
MENANDS__115KV_TB5 355628	24.15 0.73 0.00	20.67 0.54 0.00	20.55 0.48 0.00	19.62 0.42 0.00	19.61 0.46 0.00	20.66 0.44 0.00	22.12 0.71 0.00	21.95 0.80 0.00	25.60 0.96 0.00	26.62 0.97 0.00	26.27 0.94 0.00	27.54 1.01 0.00	28.66 1.10 0.00	29.55 1.14 0.00	30.67 1.18 0.00	32.60 1.25 0.00	36.39 1.37 0.00	43.88 1.69 0.00	40.23 1.55 0.00	35.03 1.25 0.00	33.61 1.26 0.00	30.79 1.04 0.00	28.67 1.00 0.00	25.08 0.85 0.00
MG INDUSTRY___DRP 24185	24.23 0.80 0.00	20.75 0.62 0.00	20.63 0.56 0.00	19.72 0.52 0.00	19.68 0.54 0.00	20.74 0.53 0.00	22.18 0.77 0.00	22.02 0.87 0.00	25.65 1.01 0.00	26.67 1.03 0.00	26.29 0.96 0.00	27.57 1.03 0.00	28.69 1.13 0.00	29.57 1.16 0.00	30.70 1.21 0.00	32.63 1.29 0.00	36.43 1.40 0.00	43.93 1.73 0.00	40.27 1.59 0.00	35.10 1.32 0.00	33.67 1.33 0.00	30.88 1.13 0.00	28.75 1.08 0.00	25.15 0.92 0.00
MID___OSWEGATCHIE_HYD 23849	23.33 -0.09 0.00	20.09 -0.04 0.00	20.07 0.00 0.00	19.24 0.04 0.00	19.15 0.00 0.00	20.23 0.02 0.00	21.37 -0.04 0.00	20.96 -0.19 0.00	24.37 -0.27 0.00	25.26 -0.38 0.00	24.90 -0.43 0.00	26.11 -0.42 0.00	27.09 -0.47 0.00	28.28 -0.57 -0.44	29.43 -0.56 -0.49	31.29 -0.66 -0.60	35.05 -0.81 -0.83	42.59 -0.89 -1.27	39.12 -0.62 -1.05	34.14 -0.41 -0.76	32.78 -0.26 -0.69	30.12 -0.15 -0.52	27.98 -0.06 -0.37	24.39 -0.02 -0.18
MID___RAQUETTE_HYD 23851	22.87 -0.56 0.00	19.79 -0.34 0.00	19.83 -0.24 0.00	19.01 -0.19 0.00	18.92 -0.23 0.00	19.97 -0.24 0.00	20.94 -0.47 0.00	20.39 -0.76 0.00	23.63 -1.01 0.00	24.51 -1.13 0.00	24.16 -1.17 0.00	25.32 -1.22 0.00	26.29 -1.27 0.00	27.33 -1.31 -0.22	28.48 -1.27 -0.25	30.25 -1.41 -0.31	33.77 -1.68 -0.43	40.79 -2.07 -0.66	37.49 -1.74 -0.54	32.69 -1.49 -0.39	31.38 -1.33 -0.35	28.95 -1.07 -0.27	27.09 -0.77 -0.19	23.77 -0.56 -0.09
MILLIKEN___1 23584	24.13 0.70 0.00	20.59 0.46 0.00	20.45 0.38 0.00	19.56 0.36 0.00	19.51 0.36 0.00	20.66 0.44 0.00	22.05 0.64 0.00	21.79 0.63 0.00	25.25 0.62 0.00	26.23 0.59 0.00	25.89 0.56 0.00	27.15 0.61 0.00	28.16 0.61 0.00	29.85 0.60 -0.84	31.12 0.68 -0.95	33.20 0.69 -1.16	37.47 0.84 -1.60	45.67 1.01 -2.46	41.76 1.04 -2.03	36.40 1.15 -1.46	34.67 1.00 -1.32	31.74 0.98 -1.00	29.19 0.80 -0.71	25.34 0.75 -0.36
MILLIKEN___2 23585	24.13 0.70 0.00	20.59 0.46 0.00	20.45 0.38 0.00	19.56 0.36 0.00	19.51 0.36 0.00	20.66 0.44 0.00	22.05 0.64 0.00	21.79 0.63 0.00	25.25 0.62 0.00	26.23 0.59 0.00	25.89 0.56 0.00	27.15 0.61 0.00	28.16 0.61 0.00	29.85 0.60 -0.84	31.12 0.68 -0.95	33.20 0.69 -1.16	37.47 0.84 -1.60	45.67 1.01 -2.46	41.76 1.04 -2.03	36.40 1.15 -1.46	34.67 1.00 -1.32	31.74 0.98 -1.00	29.19 0.80 -0.71	25.34 0.75 -0.36
MILLIKEN___DIESEL 23629	24.13 0.70 0.00	20.59 0.46 0.00	20.45 0.38 0.00	19.56 0.36 0.00	19.51 0.36 0.00	20.66 0.44 0.00	22.05 0.64 0.00	21.79 0.63 0.00	25.25 0.62 0.00	26.23 0.59 0.00	25.89 0.56 0.00	27.15 0.61 0.00	28.16 0.61 0.00	29.85 0.60 -0.84	31.12 0.68 -0.95	33.20 0.69 -1.16	37.47 0.84 -1.60	45.67 1.01 -2.46	41.76 1.04 -2.03	36.40 1.15 -1.46	34.67 1.00 -1.32	31.74 0.98 -1.00	29.19 0.80 -0.71	25.34 0.75 -0.36
MILLSEAT___LFGE 323607	24.62 1.19 0.00	20.81 0.68 0.00	20.67 0.60 0.00	19.77 0.58 0.00	19.76 0.61 0.00	20.88 0.67 0.00	22.31 0.90 0.00	21.81 0.66 0.00	25.18 0.54 0.00	26.13 0.49 0.00	25.91 0.58 0.00	27.09 0.56 0.00	28.03 0.47 0.00	28.78 0.37 0.00	29.91 0.41 0.00	31.53 0.19 0.00	35.24 0.21 0.00	42.28 0.08 0.00	38.76 0.08 0.00	34.90 1.11 0.00	33.41 1.07 0.00	30.64 0.89 0.00	28.33 0.66 0.00	25.25 1.02 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.86 1.43 0.00	21.16 1.03 0.00	21.01 0.94 0.00	20.04 0.84 0.00	19.99 0.84 0.00	21.04 0.83 0.00	22.59 1.18 0.00	22.59 1.44 0.00	26.53 1.90 0.00	27.72 2.08 0.00	27.43 2.10 0.00	28.77 2.23 0.00	29.90 2.34 0.00	30.80 2.39 0.00	31.82 2.33 0.00	33.98 2.63 0.00	38.00 2.98 0.00	45.87 3.67 0.00	41.70 3.02 0.00	36.05 2.26 0.00	34.55 2.20 0.00	31.74 1.99 0.00	29.69 2.02 0.00	25.86 1.62 0.00

MILLWOOD_13_KV_LOAD 356217	24.88 1.45 0.00	21.18 1.05 0.00	21.03 0.96 0.00	20.06 0.86 0.00	19.99 0.84 0.00	21.04 0.83 0.00	22.61 1.20 0.00	22.59 1.44 0.00	26.56 1.92 0.00	27.80 2.15 0.00	27.51 2.18 0.00	28.84 2.31 0.00	29.98 2.43 0.00	30.88 2.47 0.00	31.94 2.45 0.00	34.14 2.79 0.00	38.18 3.15 0.00	46.08 3.88 0.00	41.90 3.21 0.00	36.22 2.43 0.00	34.71 2.36 0.00	31.86 2.11 0.00	29.80 2.13 0.00	25.93 1.70 0.00
MODEL_CITY_ENERGY 24167	24.04 0.61 0.00	20.31 0.18 0.00	20.19 0.12 0.00	19.33 0.14 0.00	19.32 0.17 0.00	20.39 0.18 0.00	21.82 0.41 0.00	21.21 0.06 0.00	24.47 -0.17 0.00	25.38 -0.26 0.00	25.18 -0.15 0.00	26.32 -0.21 0.00	27.23 -0.33 0.00	27.95 -0.46 0.00	29.08 -0.41 0.00	30.66 -0.69 0.00	34.22 -0.80 0.00	40.97 -1.23 0.00	37.53 -1.16 0.00	33.82 0.03 0.00	32.38 0.03 0.00	29.72 -0.03 0.00	27.48 -0.19 0.00	24.57 0.34 0.00
MODERN_LFGE_ 323580	24.04 0.61 0.00	20.31 0.18 0.00	20.19 0.12 0.00	19.33 0.14 0.00	19.32 0.17 0.00	20.39 0.18 0.00	21.82 0.41 0.00	21.21 0.06 0.00	24.47 -0.17 0.00	25.38 -0.26 0.00	25.18 -0.15 0.00	26.32 -0.21 0.00	27.23 -0.33 0.00	27.95 -0.46 0.00	29.08 -0.41 0.00	30.66 -0.69 0.00	34.22 -0.80 0.00	40.97 -1.23 0.00	37.53 -1.16 0.00	33.82 0.03 0.00	32.38 0.03 0.00	29.72 -0.03 0.00	27.48 -0.19 0.00	24.57 0.34 0.00
MOHAWK_PAPER___DRP 24187	24.34 0.91 0.00	20.83 0.70 0.00	20.71 0.64 0.00	19.77 0.58 0.00	19.74 0.59 0.00	20.82 0.61 0.00	22.29 0.88 0.00	22.15 0.99 0.00	25.82 1.18 0.00	26.82 1.18 0.00	26.47 1.14 0.00	27.78 1.25 0.00	28.88 1.32 0.00	29.80 1.39 0.00	30.97 1.47 0.00	32.88 1.54 0.00	36.71 1.68 0.00	44.31 2.11 0.00	40.66 1.97 0.00	35.44 1.66 0.00	34.00 1.65 0.00	31.15 1.40 0.00	28.97 1.30 0.00	25.32 1.09 0.00
MOHICAN___35_KV_115KV_LD 80490	24.65 1.22 0.00	21.08 0.95 0.00	20.95 0.88 0.00	20.00 0.81 0.00	19.95 0.80 0.00	21.08 0.87 0.00	22.48 1.07 0.00	22.42 1.27 0.00	26.11 1.48 0.00	27.13 1.49 0.00	26.57 1.24 0.00	27.92 1.38 0.00	28.88 1.32 0.00	29.74 1.34 0.00	31.00 1.50 0.00	32.79 1.44 0.00	36.64 1.61 0.00	44.39 2.19 0.00	41.04 2.36 0.00	36.01 2.23 0.00	34.61 2.26 0.00	31.80 2.05 0.00	29.50 1.83 0.00	25.69 1.45 0.00
MONGAUP___HYD 23641	24.60 1.17 0.00	20.99 0.86 0.00	20.83 0.76 0.00	19.89 0.69 0.00	19.87 0.73 0.00	20.92 0.71 0.00	22.44 1.03 0.00	22.31 1.16 0.00	26.16 1.53 0.00	27.21 1.56 0.00	26.93 1.60 0.00	28.21 1.67 0.00	29.35 1.79 0.00	30.23 1.82 0.00	31.32 1.83 0.00	33.45 2.10 0.00	37.51 2.49 0.00	45.19 3.00 0.00	41.28 2.59 0.00	35.95 2.16 0.00	34.35 2.01 0.00	31.56 1.81 0.00	29.44 1.77 0.00	25.66 1.43 0.00
MONTAUK___DIESEL 23721	27.88 4.10 -0.35	23.39 3.26 0.00	23.04 2.97 0.00	21.89 2.69 0.00	21.83 2.68 0.00	22.92 2.71 0.00	24.28 2.87 0.00	24.24 3.09 0.00	29.18 4.41 -0.13	30.22 4.56 -0.01	31.81 4.33 -2.14	32.11 4.59 -0.98	32.48 4.77 -0.16	33.50 4.89 -0.20	34.70 5.07 -0.13	38.36 5.74 -1.27	43.73 6.69 -2.01	72.36 8.10 -22.06	52.68 7.08 -6.92	39.44 5.64 -0.02	37.59 5.24 0.00	34.24 4.49 0.00	31.88 4.21 0.00	27.93 3.68 -0.02
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.83 1.41 0.00	21.10 0.97 0.00	20.91 0.84 0.00	20.00 0.81 0.00	19.93 0.78 0.00	21.16 0.95 0.00	22.59 1.18 0.00	22.21 1.06 0.00	25.60 0.96 0.00	26.62 0.97 0.00	26.37 1.04 0.00	27.52 0.98 0.00	28.38 0.83 0.00	29.18 0.77 0.00	30.29 0.80 0.00	31.94 0.60 0.00	35.76 0.74 0.00	42.79 0.59 0.00	39.38 0.70 0.00	35.30 1.52 0.00	33.48 1.13 0.00	31.12 1.37 0.00	28.69 1.02 0.00	25.61 1.38 0.00
MORTIMER_115KV_TB3 55949	24.20 0.77 0.00	20.57 0.44 0.00	20.41 0.34 0.00	19.54 0.35 0.00	19.43 0.29 0.00	20.60 0.38 0.00	21.90 0.49 0.00	21.55 0.40 0.00	24.96 0.32 0.00	25.95 0.31 0.00	25.71 0.38 0.00	26.93 0.40 0.00	27.89 0.33 0.00	28.69 0.28 0.00	29.82 0.32 0.00	31.50 0.16 0.00	35.20 0.18 0.00	42.24 0.04 0.00	38.76 0.08 0.00	34.53 0.74 0.00	32.83 0.49 0.00	30.34 0.59 0.00	28.06 0.39 0.00	24.84 0.61 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.05 1.62 0.00	21.26 1.13 0.00	21.13 1.06 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.14 0.93 0.00	22.72 1.31 0.00	22.76 1.61 0.00	26.78 2.14 0.00	28.00 2.36 0.00	27.74 2.41 0.00	29.06 2.52 0.00	30.18 2.62 0.00	31.08 2.67 0.00	32.03 2.54 0.00	34.26 2.92 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.97 3.29 0.00	36.18 2.40 0.00	34.71 2.36 0.00	31.92 2.17 0.00	29.94 2.27 0.00	26.02 1.79 0.00
MUNSVILLE_WIND_PWR 323609	25.19 1.76 0.00	21.42 1.29 0.00	21.25 1.18 0.00	20.37 1.17 0.00	20.29 1.15 0.00	21.49 1.27 0.00	23.08 1.67 0.00	22.91 1.75 0.00	26.51 1.87 0.00	27.44 1.79 0.00	26.93 1.60 0.00	28.31 1.78 0.00	29.35 1.79 0.00	30.54 1.65 -0.49	31.88 1.83 -0.55	33.87 1.85 -0.67	38.16 2.21 -0.93	46.45 2.83 -1.43	42.84 2.98 -1.18	37.64 3.01 -0.85	36.22 3.11 -0.77	33.10 2.77 -0.58	30.43 2.35 -0.41	26.43 1.99 -0.21
N SALMON___HYD 24042	22.96 -0.47 0.00	19.91 -0.22 0.00	19.95 -0.12 0.00	19.14 -0.06 0.00	19.09 -0.06 0.00	20.19 -0.02 0.00	21.26 -0.15 0.00	20.90 -0.25 0.00	24.32 -0.32 0.00	25.33 -0.31 0.00	25.00 -0.33 0.00	26.16 -0.37 0.00	27.17 -0.39 0.00	28.07 -0.34 0.00	29.20 -0.29 0.00	31.00 -0.34 0.00	34.57 -0.46 0.00	41.61 -0.59 0.00	38.42 -0.27 0.00	33.62 -0.17 0.00	32.19 -0.16 0.00	29.60 -0.15 0.00	27.59 -0.08 0.00	24.23 0.00 0.00
N.AKRON___115KV_KNAPP 355671	24.60 1.17 0.00	20.85 0.72 0.00	20.67 0.60 0.00	19.79 0.60 0.00	19.68 0.54 0.00	20.88 0.67 0.00	22.33 0.92 0.00	21.83 0.68 0.00	25.20 0.57 0.00	26.15 0.51 0.00	25.91 0.58 0.00	27.09 0.56 0.00	28.03 0.47 0.00	28.84 0.43 0.00	29.94 0.44 0.00	31.57 0.22 0.00	35.27 0.25 0.00	42.20 0.00 0.00	38.80 0.12 0.00	34.87 1.08 0.00	33.06 0.71 0.00	30.67 0.92 0.00	28.31 0.64 0.00	25.25 1.02 0.00
N.BELMOR_69_KV_BK1 55787	25.96 2.18 -0.35	21.80 1.67 0.00	21.49 1.42 0.00	20.45 1.25 0.00	20.39 1.24 0.00	21.47 1.25 0.00	23.04 1.63 0.00	23.12 1.97 0.00	27.43 2.66 -0.13	28.55 2.90 -0.01	30.29 2.81 -2.14	30.46 2.95 -0.98	30.77 3.06 -0.16	31.71 3.10 -0.20	32.69 3.07 -0.13	36.10 3.48 -1.27	41.03 3.99 -2.01	51.92 4.85 -4.87	49.66 4.14 -6.84	36.98 3.18 -0.02	35.45 3.11 0.00	32.49 2.74 0.00	30.44 2.77 0.00	26.62 2.37 -0.02
N.E._GEN_SANDY PD 24062	23.87 1.08 0.64	21.62 0.85 -0.64	20.85 0.78 0.00	19.91 0.71 0.00	19.83 0.69 0.00	21.05 0.73 -0.11	22.27 0.96 0.11	22.25 1.10 0.00	26.04 1.40 0.00	27.08 1.44 0.00	26.70 1.37 0.00	27.99 1.46 0.00	29.10 1.54 0.00	30.03 1.62 0.00	31.06 1.56 0.00	33.10 1.75 0.00	36.92 1.89 0.00	44.56 2.36 0.00	40.85 2.17 0.00	35.82 1.62 -0.41	33.46 1.52 0.41	31.15 1.40 0.00	28.47 1.38 0.58	26.00 1.19 -0.58

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.81 1.38 0.00	21.12 0.99 0.00	20.97 0.90 0.00	19.99 0.79 0.00	19.95 0.80 0.00	21.02 0.81 0.00	22.57 1.16 0.00	22.55 1.40 0.00	26.48 1.85 0.00	27.67 2.03 0.00	27.38 2.05 0.00	28.71 2.18 0.00	29.84 2.29 0.00	30.74 2.33 0.00	31.80 2.30 0.00	33.98 2.63 0.00	38.04 3.01 0.00	45.87 3.67 0.00	41.70 3.02 0.00	36.05 2.26 0.00	34.52 2.17 0.00	31.71 1.96 0.00	29.63 1.96 0.00	25.83 1.60 0.00
N. QUEENS_27_KV_LOAD 356247	25.26 1.83 -0.01	21.26 1.13 0.00	21.17 1.10 0.00	20.18 0.98 0.00	20.16 1.01 0.00	21.06 0.85 0.00	22.59 1.18 0.00	22.70 1.54 0.00	26.85 2.22 0.00	28.00 2.36 0.00	27.90 2.56 -0.01	29.25 2.71 -0.01	30.40 2.84 0.00	31.28 2.87 0.00	32.24 2.74 0.00	34.61 3.26 -0.01	38.46 3.43 0.00	46.47 4.26 -0.01	42.13 3.44 0.00	35.91 2.13 0.00	34.52 2.17 0.00	31.86 2.11 0.00	30.13 2.46 0.00	26.10 1.87 0.00
N. TROY___115KV_TB1 355778	24.41 0.98 0.00	20.89 0.76 0.00	20.77 0.70 0.00	19.85 0.65 0.00	19.80 0.65 0.00	20.90 0.69 0.00	22.27 0.86 0.00	22.10 0.95 0.00	25.79 1.16 0.00	26.80 1.15 0.00	26.42 1.09 0.00	27.70 1.17 0.00	28.77 1.21 0.00	29.69 1.28 0.00	30.82 1.33 0.00	32.76 1.41 0.00	36.57 1.54 0.00	44.26 2.07 0.00	40.66 1.97 0.00	35.41 1.62 0.00	33.97 1.62 0.00	31.15 1.40 0.00	28.97 1.30 0.00	25.35 1.11 0.00
NARROWS_GT1_1 24228	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT1_2 24229	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT1_3 24230	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT1_4 24231	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT1_5 24232	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT1_6 24233	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT1_7 24234	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT1_8 24235	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT2_1 24236	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT2_2 24237	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT2_3 24238	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT2_4 24239	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00

NARROWS_GT2_5 24240	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT2_6 24241	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT2_7 24242	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NARROWS_GT2_8 24243	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.46 1.03 0.00	20.89 0.76 0.00	20.75 0.68 0.00	19.83 0.63 0.00	19.83 0.69 0.00	20.88 0.67 0.00	22.35 0.94 0.00	22.15 0.99 0.00	25.77 1.13 0.00	26.67 1.03 0.00	26.34 1.01 0.00	27.62 1.09 0.00	28.83 1.27 0.00	29.72 1.31 0.00	30.94 1.45 0.00	32.82 1.47 0.00	36.71 1.68 0.00	44.39 2.19 0.00	40.85 2.17 0.00	35.74 1.96 0.00	34.29 1.94 0.00	31.30 1.55 0.00	29.05 1.38 0.00	25.37 1.14 0.00
NCHELSEA_115KV_TR2 355582	24.88 1.45 0.00	21.22 1.09 0.00	21.05 0.98 0.00	20.10 0.90 0.00	20.05 0.90 0.00	21.10 0.89 0.00	22.63 1.22 0.00	22.57 1.42 0.00	26.48 1.85 0.00	27.62 1.97 0.00	27.36 2.03 0.00	28.66 2.12 0.00	29.84 2.29 0.00	30.74 2.33 0.00	31.82 2.33 0.00	33.98 2.63 0.00	38.04 3.01 0.00	45.91 3.71 0.00	41.82 3.13 0.00	36.25 2.47 0.00	34.71 2.36 0.00	31.83 2.08 0.00	29.72 2.05 0.00	25.90 1.67 0.00
NEG CAPITAL___MECHNVIL 23645	24.67 1.24 0.00	21.10 0.97 0.00	20.97 0.90 0.00	20.04 0.84 0.00	19.95 0.80 0.00	21.10 0.89 0.00	22.50 1.09 0.00	22.36 1.20 0.00	26.09 1.45 0.00	27.10 1.46 0.00	26.67 1.34 0.00	28.02 1.49 0.00	29.07 1.51 0.00	30.03 1.62 0.00	31.20 1.71 0.00	33.10 1.75 0.00	36.95 1.93 0.00	44.73 2.53 0.00	41.16 2.48 0.00	35.95 2.16 0.00	34.42 2.07 0.00	31.63 1.88 0.00	29.39 1.72 0.00	25.66 1.43 0.00
NEG CENTRAL_HIGH_ACRES 23767	23.66 0.23 0.00	20.11 -0.02 0.00	19.97 -0.10 0.00	19.10 -0.10 0.00	19.07 -0.08 0.00	20.17 -0.04 0.00	21.50 0.09 0.00	21.19 0.04 0.00	24.56 -0.07 0.00	25.54 -0.10 0.00	25.30 -0.03 0.00	26.54 0.00 0.00	27.48 -0.08 0.00	28.58 -0.14 -0.31	29.75 -0.09 -0.35	31.52 -0.25 -0.42	35.33 -0.28 -0.59	42.67 -0.42 -0.90	39.04 -0.39 -0.74	34.52 0.20 -0.54	33.03 0.20 -0.48	30.21 0.09 -0.37	27.90 -0.03 -0.26	24.51 0.15 -0.13
NEG CENTRAL___DRP 24199	23.92 0.49 0.00	20.41 0.28 0.00	20.25 0.18 0.00	19.37 0.17 0.00	19.32 0.17 0.00	20.47 0.26 0.00	21.86 0.45 0.00	21.57 0.42 0.00	25.03 0.39 0.00	26.03 0.38 0.00	25.74 0.41 0.00	26.96 0.42 0.00	27.97 0.41 0.00	29.62 0.40 -0.82	30.92 0.50 -0.92	32.82 0.34 -1.13	37.00 0.42 -1.56	45.00 0.42 -2.38	41.16 0.50 -1.97	35.95 0.74 -1.42	34.15 0.52 -1.28	31.38 0.65 -0.97	28.83 0.47 -0.69	25.09 0.51 -0.34
NEG CENTRAL___INDECK 23768	25.07 1.64 0.00	21.24 1.11 0.00	21.07 1.00 0.00	20.16 0.96 0.00	20.10 0.96 0.00	21.28 1.07 0.00	22.72 1.31 0.00	22.25 1.10 0.00	25.52 0.89 0.00	26.41 0.77 0.00	25.96 0.63 0.00	27.09 0.56 0.00	28.08 0.52 0.00	28.86 0.45 0.00	30.23 0.74 0.00	31.94 0.59 0.00	35.87 0.84 0.00	43.29 1.10 0.00	40.12 1.43 0.00	35.95 2.16 0.00	34.52 2.17 0.00	31.66 1.91 0.00	29.25 1.58 0.00	25.86 1.62 0.00
NEG CENTRAL___SENECA 23627	24.15 0.73 0.00	20.55 0.42 0.00	20.39 0.32 0.00	19.51 0.31 0.00	19.43 0.29 0.00	20.62 0.40 0.00	22.08 0.66 0.00	21.79 0.63 0.00	25.23 0.59 0.00	26.23 0.59 0.00	25.94 0.61 0.00	27.17 0.64 0.00	28.19 0.63 0.00	29.42 0.60 -0.41	30.70 0.74 -0.47	32.45 0.53 -0.57	36.44 0.63 -0.79	44.04 0.63 -1.21	40.38 0.70 -1.00	35.52 1.01 -0.72	33.77 0.78 -0.65	31.19 0.95 -0.49	28.74 0.72 -0.35	25.18 0.78 -0.17
NEG CENTRAL___STATE_STREET 24147	24.04 0.61 0.00	20.51 0.38 0.00	20.37 0.30 0.00	19.49 0.29 0.00	19.43 0.29 0.00	20.58 0.36 0.00	21.80 0.39 0.00	21.53 0.38 0.00	25.03 0.39 0.00	26.03 0.38 0.00	25.74 0.41 0.00	27.01 0.48 0.00	28.00 0.44 0.00	30.03 0.45 -1.17	31.35 0.53 -1.32	33.46 0.50 -1.61	37.81 0.56 -2.23	46.28 0.68 -3.41	42.16 0.66 -2.82	36.59 0.78 -2.03	34.80 0.61 -1.84	31.80 0.65 -1.39	29.13 0.47 -0.99	25.14 0.41 -0.49
NEG MILLWOOD___DRP 24198	24.90 1.48 0.00	21.24 1.11 0.00	21.07 1.00 0.00	20.12 0.92 0.00	20.03 0.88 0.00	21.06 0.85 0.00	22.63 1.22 0.00	22.59 1.44 0.00	26.58 1.95 0.00	27.85 2.21 0.00	27.56 2.23 0.00	28.92 2.39 0.00	30.07 2.51 0.00	30.99 2.59 0.00	32.12 2.63 0.00	34.29 2.95 0.00	38.39 3.36 0.00	46.37 4.18 0.00	42.21 3.52 0.00	36.52 2.74 0.00	35.00 2.65 0.00	32.10 2.35 0.00	29.94 2.27 0.00	26.05 1.82 0.00
NEG NORTH_FLCN_SEA 23793	23.12 -0.30 0.00	20.03 -0.10 0.00	20.09 0.02 0.00	19.26 0.06 0.00	19.24 0.10 0.00	20.33 0.12 0.00	21.41 0.00 0.00	21.13 -0.02 0.00	24.61 -0.02 0.00	25.69 0.05 0.00	25.33 0.00 0.00	26.51 -0.03 0.00	27.53 -0.03 0.00	28.44 0.03 0.00	29.61 0.12 0.00	31.41 0.06 0.00	35.06 0.04 0.00	42.20 0.00 0.00	38.99 0.31 0.00	34.09 0.30 0.00	32.64 0.29 0.00	29.96 0.21 0.00	27.89 0.22 0.00	24.50 0.27 0.00
NEG NORTH_KES_CHATEGAY 23792	22.84 -0.59 0.00	19.81 -0.32 0.00	19.87 -0.20 0.00	19.06 -0.13 0.00	19.03 -0.11 0.00	20.11 -0.10 0.00	21.20 -0.21 0.00	20.88 -0.27 0.00	24.32 -0.32 0.00	25.36 -0.28 0.00	25.00 -0.33 0.00	26.16 -0.37 0.00	27.17 -0.39 0.00	28.07 -0.34 0.00	29.20 -0.29 0.00	31.00 -0.34 0.00	34.61 -0.42 0.00	41.69 -0.51 0.00	38.49 -0.19 0.00	33.68 -0.10 0.00	32.25 -0.10 0.00	29.63 -0.12 0.00	27.56 -0.11 0.00	24.21 -0.02 0.00



NEG NORTH___ALICE_FALLS 23915	23.08 -0.35 0.00	19.99 -0.14 0.00	20.03 -0.04 0.00	19.22 0.02 0.00	19.20 0.06 0.00	20.29 0.08 0.00	21.37 -0.04 0.00	21.07 -0.08 0.00	24.56 -0.07 0.00	25.62 -0.03 0.00	25.28 -0.05 0.00	26.43 -0.11 0.00	27.45 -0.11 0.00	28.38 -0.03 0.00	29.55 0.06 0.00	31.35 0.00 0.00	35.03 0.00 0.00	42.11 -0.08 0.00	38.96 0.27 0.00	34.09 0.30 0.00	32.64 0.29 0.00	29.96 0.21 0.00	27.84 0.17 0.00	24.45 0.22 0.00
NEG NORTH___LWR_SARANAC 23913	23.08 -0.35 0.00	19.99 -0.14 0.00	20.03 -0.04 0.00	19.22 0.02 0.00	19.20 0.06 0.00	20.29 0.08 0.00	21.37 -0.04 0.00	21.07 -0.08 0.00	24.56 -0.07 0.00	25.62 -0.03 0.00	25.28 -0.05 0.00	26.43 -0.11 0.00	27.45 -0.11 0.00	28.38 -0.03 0.00	29.55 0.06 0.00	31.35 0.00 0.00	35.03 0.00 0.00	42.11 -0.08 0.00	38.96 0.27 0.00	34.09 0.30 0.00	32.64 0.29 0.00	29.96 0.21 0.00	27.84 0.17 0.00	24.45 0.22 0.00
NEG NORTH___PLATTSBURG 23628	23.08 -0.35 0.00	19.99 -0.14 0.00	20.03 -0.04 0.00	19.22 0.02 0.00	19.16 0.02 0.00	20.29 0.08 0.00	21.37 -0.04 0.00	21.07 -0.08 0.00	24.56 -0.07 0.00	25.62 -0.03 0.00	25.25 -0.08 0.00	26.43 -0.11 0.00	27.45 -0.11 0.00	28.38 -0.03 0.00	29.55 0.06 0.00	31.35 0.00 0.00	35.03 0.00 0.00	42.11 -0.08 0.00	38.96 0.27 0.00	34.09 0.30 0.00	32.64 0.29 0.00	29.96 0.21 0.00	27.84 0.17 0.00	24.45 0.22 0.00
NEG WEST_LEA_LOCKPORT 23791	24.30 0.87 0.00	20.59 0.46 0.00	20.41 0.34 0.00	19.54 0.35 0.00	19.43 0.29 0.00	20.62 0.40 0.00	22.03 0.62 0.00	21.47 0.32 0.00	24.76 0.12 0.00	25.69 0.05 0.00	25.48 0.15 0.00	26.64 0.11 0.00	27.56 0.00 0.00	28.35 -0.06 0.00	29.44 -0.06 0.00	31.03 -0.31 0.00	34.64 -0.39 0.00	41.40 -0.80 0.00	38.03 -0.66 0.00	34.19 0.41 0.00	32.41 0.06 0.00	30.11 0.36 0.00	27.78 0.11 0.00	24.86 0.63 0.00
NEG WEST___LANCASTR 23811	24.32 0.89 0.00	20.65 0.52 0.00	20.47 0.40 0.00	19.58 0.38 0.00	19.49 0.34 0.00	20.68 0.46 0.00	22.08 0.66 0.00	21.53 0.38 0.00	24.86 0.22 0.00	25.82 0.18 0.00	25.58 0.25 0.00	26.75 0.21 0.00	27.70 0.14 0.00	28.52 0.11 0.00	29.70 0.21 0.00	31.35 0.00 0.00	35.17 0.14 0.00	41.99 -0.21 0.00	38.53 -0.15 0.00	34.43 0.64 0.00	32.58 0.23 0.00	30.20 0.45 0.00	27.86 0.19 0.00	24.98 0.75 0.00
NEG_PENN_ALLEGHNY 23528	24.01 0.59 0.00	20.47 0.34 0.00	20.33 0.26 0.00	19.47 0.27 0.00	19.41 0.27 0.00	20.52 0.30 0.00	21.90 0.49 0.00	21.62 0.46 0.00	25.10 0.47 0.00	26.13 0.49 0.00	25.84 0.51 0.00	27.07 0.53 0.00	28.08 0.52 0.00	29.41 0.51 -0.49	30.66 0.62 -0.55	32.61 0.59 -0.67	36.72 0.77 -0.93	44.46 0.84 -1.42	40.59 0.73 -1.17	35.48 0.84 -0.85	33.86 0.74 -0.76	31.01 0.68 -0.58	28.64 0.55 -0.41	25.02 0.58 -0.21
NEG___GEN_MONROE 24207	24.25 0.82 0.00	20.59 0.46 0.00	20.43 0.36 0.00	19.56 0.36 0.00	19.47 0.33 0.00	20.64 0.42 0.00	21.97 0.56 0.00	21.57 0.42 0.00	24.98 0.34 0.00	25.95 0.31 0.00	25.71 0.38 0.00	26.91 0.37 0.00	27.89 0.33 0.00	28.66 0.26 0.00	29.73 0.24 0.00	31.41 0.06 0.00	35.17 0.14 0.00	42.11 -0.08 0.00	38.65 -0.04 0.00	34.49 0.71 0.00	32.70 0.36 0.00	30.29 0.54 0.00	28.03 0.36 0.00	24.89 0.65 0.00
NEPA___ENERGY 23901	24.55 1.12 0.00	20.85 0.72 0.00	20.67 0.60 0.00	19.79 0.60 0.00	19.72 0.57 0.00	20.92 0.71 0.00	22.27 0.86 0.00	21.81 0.66 0.00	25.15 0.52 0.00	26.13 0.49 0.00	25.89 0.56 0.00	27.07 0.53 0.00	28.00 0.44 0.00	28.84 0.43 0.00	30.03 0.53 0.00	31.69 0.34 0.00	35.59 0.56 0.00	42.53 0.34 0.00	38.99 0.31 0.00	34.83 1.05 0.00	32.93 0.58 0.00	30.55 0.80 0.00	28.20 0.53 0.00	25.20 0.97 0.00
NEVERSINK___HYD 23608	24.55 1.12 0.00	20.91 0.78 0.00	20.75 0.68 0.00	19.81 0.61 0.00	19.74 0.59 0.00	20.82 0.61 0.00	22.31 0.90 0.00	22.23 1.08 0.00	26.06 1.43 0.00	27.15 1.51 0.00	26.88 1.55 0.00	28.18 1.65 0.00	29.35 1.79 0.00	29.29 0.88 0.00	30.32 0.82 0.00	32.41 1.07 0.00	36.32 1.30 0.00	43.89 1.69 0.00	40.04 1.35 0.00	34.70 0.91 0.00	33.19 0.84 0.00	31.47 1.72 0.00	29.33 1.66 0.00	25.54 1.31 0.00
NEWKRMKL_115KV_TB1 55635	24.01 0.59 0.00	20.55 0.42 0.00	20.43 0.36 0.00	19.51 0.31 0.00	19.49 0.34 0.00	20.54 0.32 0.00	22.01 0.60 0.00	21.85 0.70 0.00	25.47 0.84 0.00	26.49 0.85 0.00	26.14 0.81 0.00	27.44 0.90 0.00	28.52 0.96 0.00	29.43 1.02 0.00	30.56 1.06 0.00	32.47 1.13 0.00	36.22 1.19 0.00	43.72 1.52 0.00	40.04 1.35 0.00	34.87 1.08 0.00	33.45 1.10 0.00	30.64 0.89 0.00	28.53 0.86 0.00	24.93 0.70 0.00
NEWTON___FALLS_HYD 23847	23.33 -0.09 0.00	20.09 -0.04 0.00	20.07 0.00 0.00	19.24 0.04 0.00	19.15 0.00 0.00	20.23 0.02 0.00	21.37 -0.04 0.00	20.96 -0.19 0.00	24.37 -0.27 0.00	25.26 -0.38 0.00	24.90 -0.43 0.00	26.11 -0.42 0.00	27.09 -0.47 0.00	28.28 -0.57 -0.44	29.43 -0.56 -0.49	31.29 -0.66 -0.60	35.05 -0.81 -0.83	42.59 -0.89 -1.27	39.12 -0.62 -1.05	34.14 -0.41 -0.76	32.78 -0.26 -0.69	30.12 -0.15 -0.52	27.98 -0.06 -0.37	24.39 -0.02 -0.18
NGRID_A1_DSASP 323792	24.04 0.61 0.00	20.31 0.18 0.00	20.19 0.12 0.00	19.35 0.15 0.00	19.36 0.21 0.00	20.39 0.18 0.00	21.54 0.13 0.00	21.00 -0.15 0.00	24.24 -0.40 0.00	25.13 -0.51 0.00	24.95 -0.38 0.00	26.06 -0.48 0.00	26.98 -0.58 0.00	27.70 -0.71 0.00	28.79 -0.71 0.00	30.34 -1.00 0.00	33.87 -1.15 0.00	40.51 -1.69 0.00	37.10 -1.59 0.00	33.45 -0.34 0.00	32.03 -0.32 0.00	29.42 -0.33 0.00	27.20 -0.47 0.00	24.33 0.10 0.00
NGRID_A2_DSASP 323793	24.04 0.61 0.00	20.31 0.18 0.00	20.19 0.12 0.00	19.35 0.15 0.00	19.36 0.21 0.00	20.39 0.18 0.00	21.54 0.13 0.00	21.00 -0.15 0.00	24.24 -0.40 0.00	25.13 -0.51 0.00	24.95 -0.38 0.00	26.06 -0.48 0.00	26.98 -0.58 0.00	27.70 -0.71 0.00	28.79 -0.71 0.00	30.34 -1.00 0.00	33.87 -1.15 0.00	40.51 -1.69 0.00	37.10 -1.59 0.00	33.45 -0.34 0.00	32.03 -0.32 0.00	29.42 -0.33 0.00	27.20 -0.47 0.00	24.33 0.10 0.00
NGRID_A4_DSASP 323807	24.01 0.59 0.00	20.37 0.24 0.00	20.19 0.12 0.00	19.35 0.15 0.00	19.26 0.11 0.00	20.39 0.18 0.00	21.54 0.13 0.00	21.00 -0.15 0.00	24.24 -0.39 0.00	25.13 -0.51 0.00	24.95 -0.38 0.00	26.06 -0.48 0.00	26.98 -0.58 0.00	27.73 -0.68 0.00	28.79 -0.71 0.00	30.34 -1.00 0.00	33.87 -1.16 0.00	40.38 -1.81 0.00	37.10 -1.59 0.00	33.41 -0.37 0.00	31.64 -0.71 0.00	29.42 -0.33 0.00	27.14 -0.53 0.00	24.33 0.10 0.00
NIAGARA_115E_LBMP 323715	23.90 0.47 0.00	20.21 0.08 0.00	20.07 0.00 0.00	19.22 0.02 0.00	19.22 0.08 0.00	20.27 0.06 0.00	21.71 0.30 0.00	21.07 -0.08 0.00	24.29 -0.34 0.00	25.21 -0.44 0.00	25.00 -0.33 0.00	26.14 -0.40 0.00	27.06 -0.50 0.00	27.76 -0.65 0.00	28.87 -0.62 0.00	30.44 -0.91 0.00	33.98 -1.05 0.00	40.68 -1.52 0.00	37.25 -1.43 0.00	33.58 -0.20 0.00	32.16 -0.19 0.00	29.51 -0.24 0.00	27.28 -0.39 0.00	24.40 0.17 0.00

NIAGARA_115W_LBMP 323714	23.99 0.56 0.00	20.27 0.14 0.00	20.15 0.08 0.00	19.31 0.12 0.00	19.32 0.17 0.00	20.33 0.12 0.00	21.48 0.06 0.00	20.94 -0.21 0.00	24.17 -0.47 0.00	25.05 -0.59 0.00	24.87 -0.46 0.00	25.98 -0.56 0.00	26.90 -0.66 0.00	27.61 -0.80 0.00	28.70 -0.79 0.00	30.25 -1.10 0.00	33.77 -1.26 0.00	40.38 -1.81 0.00	36.98 -1.70 0.00	33.34 -0.44 0.00	31.93 -0.42 0.00	29.33 -0.42 0.00	27.12 -0.55 0.00	24.26 0.02 0.00
NIAGARA_230_LBMP 323716	24.08 0.66 0.00	20.35 0.22 0.00	20.23 0.16 0.00	19.37 0.17 0.00	19.38 0.23 0.00	20.43 0.22 0.00	21.75 0.34 0.00	21.21 0.06 0.00	24.47 -0.17 0.00	25.38 -0.26 0.00	25.18 -0.15 0.00	26.32 -0.21 0.00	27.23 -0.33 0.00	27.95 -0.46 0.00	29.08 -0.41 0.00	30.66 -0.69 0.00	34.22 -0.80 0.00	40.97 -1.23 0.00	37.53 -1.16 0.00	33.78 0.00 0.00	32.35 0.00 0.00	29.69 -0.06 0.00	27.45 -0.22 0.00	24.55 0.31 0.00
NIAGARA__115KV_198_GIBSON 55903	23.94 0.52 0.00	20.33 0.20 0.00	20.15 0.08 0.00	19.31 0.12 0.00	19.22 0.08 0.00	20.33 0.12 0.00	21.48 0.06 0.00	20.94 -0.21 0.00	24.17 -0.47 0.00	25.05 -0.59 0.00	24.87 -0.46 0.00	25.98 -0.56 0.00	26.90 -0.66 0.00	27.64 -0.77 0.00	28.70 -0.80 0.00	30.25 -1.10 0.00	33.76 -1.26 0.00	40.26 -1.94 0.00	36.98 -1.70 0.00	33.31 -0.47 0.00	31.54 -0.81 0.00	29.33 -0.42 0.00	27.06 -0.61 0.00	24.26 0.02 0.00
NIAGARA____ 23760	23.92 0.49 0.00	20.23 0.10 0.00	20.09 0.02 0.00	19.26 0.06 0.00	19.24 0.10 0.00	20.29 0.08 0.00	21.56 0.15 0.00	21.05 -0.11 0.00	24.29 -0.34 0.00	25.21 -0.44 0.00	25.00 -0.33 0.00	26.14 -0.40 0.00	27.03 -0.52 0.00	27.76 -0.65 0.00	28.91 -0.59 0.00	30.47 -0.88 0.00	34.01 -1.02 0.00	40.72 -1.48 0.00	37.29 -1.39 0.00	33.58 -0.20 0.00	32.12 -0.22 0.00	29.51 -0.24 0.00	27.26 -0.41 0.00	24.33 0.10 0.00
NINE_MILE_1 23575	22.96 -0.47 0.00	19.65 -0.48 0.00	19.54 -0.52 0.00	18.72 -0.48 0.00	18.69 -0.46 0.00	19.73 -0.49 0.00	20.96 -0.45 0.00	20.64 -0.51 0.00	23.97 -0.66 0.00	24.95 -0.69 0.00	24.65 -0.68 0.00	25.82 -0.72 0.00	26.79 -0.77 0.00	20.34 -0.80 7.28	20.48 -0.79 8.22	20.43 -0.88 10.04	20.18 -0.98 13.87	19.71 -1.23 21.26	20.03 -1.08 17.58	20.27 -0.84 12.67	20.13 -0.78 11.44	20.33 -0.74 8.68	20.78 -0.72 6.17	20.55 -0.60 3.08
NINE_MILE_2 23744	22.96 -0.47 0.00	19.65 -0.48 0.00	19.54 -0.52 0.00	18.72 -0.48 0.00	18.69 -0.46 0.00	19.73 -0.49 0.00	20.96 -0.45 0.00	20.64 -0.51 0.00	23.97 -0.66 0.00	24.95 -0.69 0.00	24.65 -0.68 0.00	25.82 -0.72 0.00	26.79 -0.77 0.00	20.23 -0.80 7.39	20.35 -0.79 8.35	20.28 -0.88 10.19	19.97 -0.98 14.08	19.39 -1.23 21.58	19.76 -1.08 17.84	20.08 -0.84 12.86	19.96 -0.78 11.61	20.19 -0.74 8.81	20.69 -0.72 6.26	20.51 -0.60 3.12
NM_CAPITAL____DRP 24208	24.11 0.68 0.00	20.63 0.50 0.00	20.49 0.42 0.00	19.58 0.38 0.00	19.55 0.40 0.00	20.60 0.38 0.00	22.08 0.66 0.00	21.89 0.74 0.00	25.55 0.91 0.00	26.54 0.90 0.00	26.22 0.89 0.00	27.49 0.96 0.00	28.58 1.02 0.00	29.49 1.08 0.00	30.62 1.12 0.00	32.54 1.19 0.00	36.29 1.26 0.00	43.76 1.56 0.00	40.15 1.47 0.00	34.93 1.15 0.00	33.51 1.16 0.00	30.70 0.95 0.00	28.58 0.91 0.00	25.01 0.78 0.00
NM_CENTRAL____DRP 24181	23.48 0.05 0.00	20.05 -0.08 0.00	19.93 -0.14 0.00	19.08 -0.12 0.00	19.03 -0.11 0.00	20.11 -0.10 0.00	21.43 0.02 0.00	21.13 -0.02 0.00	24.59 -0.05 0.00	25.59 -0.05 0.00	25.28 -0.05 0.00	26.46 -0.08 0.00	27.45 -0.11 0.00	28.97 -0.14 -0.70	30.20 -0.09 -0.79	32.12 -0.19 -0.97	36.19 -0.18 -1.34	43.95 -0.30 -2.05	40.15 -0.23 -1.69	34.94 -0.07 -1.22	33.32 -0.13 -1.10	30.53 -0.06 -0.84	28.13 -0.14 -0.59	24.43 -0.10 -0.30
NM_FRONTIER____DRP 24179	23.94 0.52 0.00	20.33 0.20 0.00	20.15 0.08 0.00	19.31 0.12 0.00	19.22 0.08 0.00	20.33 0.12 0.00	21.48 0.06 0.00	20.94 -0.21 0.00	24.17 -0.47 0.00	25.05 -0.59 0.00	24.87 -0.46 0.00	25.98 -0.56 0.00	26.90 -0.66 0.00	27.64 -0.77 0.00	28.70 -0.80 0.00	30.25 -1.10 0.00	33.76 -1.26 0.00	40.26 -1.94 0.00	36.98 -1.70 0.00	33.31 -0.47 0.00	31.54 -0.81 0.00	29.33 -0.42 0.00	27.06 -0.61 0.00	24.26 0.02 0.00
NM_ST_REGIS____HYD 24053	22.87 -0.56 0.00	19.81 -0.32 0.00	19.85 -0.22 0.00	19.03 -0.17 0.00	18.95 -0.19 0.00	20.01 -0.20 0.00	21.01 -0.41 0.00	20.52 -0.63 0.00	23.80 -0.84 0.00	24.69 -0.95 0.00	24.37 -0.96 0.00	25.50 -1.03 0.00	26.51 -1.05 0.00	27.53 -1.08 -0.20	28.69 -1.03 -0.23	30.47 -1.16 -0.28	34.05 -1.37 -0.39	41.10 -1.69 -0.59	37.78 -1.39 -0.49	32.96 -1.18 -0.35	31.63 -1.04 -0.32	29.13 -0.86 -0.24	27.23 -0.61 -0.17	23.88 -0.44 -0.09
NORTHPORT____1 23551	26.15 2.37 -0.35	21.97 1.83 -0.01	21.63 1.57 0.00	20.56 1.36 0.00	20.43 1.28 0.00	21.57 1.35 0.00	23.15 1.73 0.00	23.20 2.05 0.00	27.50 2.73 -0.13	28.63 2.97 -0.01	30.21 2.74 -2.14	30.33 2.81 -0.98	30.63 2.92 -0.16	31.48 2.87 -0.20	32.46 2.83 -0.13	35.88 3.26 -1.27	40.82 3.78 -2.01	50.06 4.31 -3.56	49.24 3.71 -6.84	36.77 2.97 -0.02	35.14 2.78 -0.01	32.22 2.47 0.00	30.21 2.54 0.00	26.65 2.40 -0.02
NORTHPORT____2 23552	26.15 2.37 -0.35	21.97 1.83 -0.01	21.63 1.57 0.00	20.56 1.36 0.00	20.43 1.28 0.00	21.57 1.35 0.00	23.15 1.73 0.00	23.20 2.05 0.00	27.50 2.73 -0.13	28.63 2.97 -0.01	30.21 2.74 -2.14	30.33 2.81 -0.98	30.63 2.92 -0.16	31.48 2.87 -0.20	32.46 2.83 -0.13	35.88 3.26 -1.27	40.82 3.78 -2.01	50.06 4.31 -3.56	49.24 3.71 -6.84	36.77 2.97 -0.02	35.14 2.78 -0.01	32.22 2.47 0.00	30.21 2.54 0.00	26.65 2.40 -0.02
NORTHPORT____3 23553	25.80 2.02 -0.35	21.69 1.55 -0.01	21.35 1.29 0.00	20.29 1.09 0.00	20.18 1.03 0.00	21.30 1.09 0.00	22.87 1.46 0.00	22.95 1.80 0.00	27.23 2.46 -0.13	28.37 2.72 -0.01	29.96 2.48 -2.14	30.12 2.60 -0.98	30.36 2.65 -0.16	31.22 2.61 -0.20	32.07 2.45 -0.13	35.44 2.82 -1.27	40.30 3.26 -2.01	50.59 4.35 -4.05	49.15 3.64 -6.83	36.27 2.46 -0.02	34.65 2.30 -0.01	31.80 2.05 0.00	29.96 2.30 0.00	26.40 2.16 -0.02
NORTHPORT____4 23650	25.80 2.02 -0.35	21.69 1.55 -0.01	21.35 1.29 0.00	20.29 1.09 0.00	20.18 1.03 0.00	21.30 1.09 0.00	22.87 1.46 0.00	22.95 1.80 0.00	27.23 2.46 -0.13	28.37 2.72 -0.01	29.96 2.48 -2.14	30.12 2.60 -0.98	30.36 2.65 -0.16	31.22 2.61 -0.20	32.07 2.45 -0.13	35.44 2.82 -1.27	40.30 3.26 -2.01	50.59 4.35 -4.05	49.15 3.64 -6.83	36.27 2.46 -0.02	34.65 2.30 -0.01	31.80 2.05 0.00	29.96 2.30 0.00	26.40 2.16 -0.02
NORTHPORT____IC 23718	26.15 2.37 -0.35	21.97 1.83 -0.01	21.63 1.57 0.00	20.56 1.36 0.00	20.43 1.28 0.00	21.57 1.35 0.00	23.15 1.73 0.00	23.20 2.05 0.00	27.50 2.73 -0.13	28.63 2.97 -0.01	30.21 2.74 -2.14	30.33 2.81 -0.98	30.63 2.92 -0.16	31.48 2.87 -0.20	32.46 2.83 -0.13	35.88 3.26 -1.27	40.82 3.78 -2.01	50.06 4.31 -3.56	49.24 3.71 -6.84	36.77 2.97 -0.02	35.14 2.78 -0.01	32.22 2.47 0.00	30.21 2.54 0.00	26.65 2.40 -0.02

NORTH____COUNTRY_ESR 323785	22.80 -0.63 0.00	19.77 -0.36 0.00	19.83 -0.24 0.00	19.02 -0.17 0.00	18.97 -0.17 0.00	20.07 -0.14 0.00	21.16 -0.26 0.00	20.83 -0.32 0.00	24.29 -0.34 0.00	25.33 -0.31 0.00	24.98 -0.35 0.00	26.14 -0.40 0.00	27.15 -0.41 0.00	28.04 -0.37 0.00	29.17 -0.32 0.00	30.97 -0.37 0.00	34.57 -0.46 0.00	41.61 -0.59 0.00	38.42 -0.27 0.00	33.58 -0.20 0.00	32.16 -0.19 0.00	29.54 -0.21 0.00	27.50 -0.17 0.00	24.16 -0.07 0.00
NPX_GEN_1385_PROXY 323591	25.18 2.04 0.29	22.33 1.55 -0.65	21.35 1.29 0.00	20.27 1.07 0.00	20.29 1.15 0.00	21.39 1.07 -0.11	23.06 1.76 0.11	23.33 2.18 0.00	27.25 2.49 -0.13	28.37 2.72 -0.01	29.96 2.48 -2.14	30.06 2.55 -0.98	30.36 2.65 -0.16	31.20 2.58 -0.20	32.19 2.56 -0.13	35.60 2.98 -1.27	40.51 3.47 -2.01	49.30 3.54 -3.56	48.73 3.21 -6.84	36.85 2.64 -0.43	34.40 2.46 0.40	31.92 2.17 0.00	29.36 2.27 0.58	26.99 2.16 -0.60
NPX_GEN_CSC 323557	26.14 3.00 0.29	23.11 2.33 -0.65	22.11 2.05 0.00	21.02 1.82 0.00	20.79 1.65 0.00	22.14 1.82 -0.11	23.21 1.90 0.11	23.18 2.03 0.00	27.82 3.05 -0.13	28.76 3.10 -0.01	30.21 2.74 -2.14	30.35 2.84 -0.98	30.69 2.98 -0.16	31.62 3.01 -0.20	32.69 3.07 -0.13	36.22 3.60 -1.27	41.27 4.24 -2.01	69.33 5.10 -22.02	50.01 4.41 -6.92	37.62 3.41 -0.43	35.08 3.14 0.40	32.46 2.71 0.00	29.72 2.63 0.58	27.23 2.40 -0.60
NSINS_S_GLNS_FALLS 23858	24.62 1.19 0.00	21.06 0.93 0.00	20.93 0.86 0.00	19.99 0.79 0.00	19.93 0.78 0.00	21.08 0.87 0.00	22.48 1.07 0.00	22.40 1.25 0.00	26.09 1.45 0.00	27.13 1.49 0.00	26.52 1.19 0.00	27.89 1.35 0.00	28.83 1.27 0.00	29.69 1.28 0.00	30.94 1.45 0.00	32.72 1.38 0.00	36.60 1.58 0.00	44.31 2.11 0.00	41.01 2.32 0.00	35.95 2.16 0.00	34.61 2.26 0.00	31.77 2.02 0.00	29.47 1.80 0.00	25.66 1.43 0.00
NUCOR_STEEL____DRP 24197	23.90 0.47 0.00	20.41 0.28 0.00	20.27 0.20 0.00	19.39 0.19 0.00	19.34 0.19 0.00	20.47 0.26 0.00	21.82 0.41 0.00	21.53 0.38 0.00	25.03 0.39 0.00	26.00 0.36 0.00	25.71 0.38 0.00	26.99 0.45 0.00	27.94 0.39 0.00	30.07 0.40 -1.26	31.40 0.47 -1.43	33.53 0.44 -1.74	37.93 0.49 -2.41	46.48 0.59 -3.69	42.36 0.62 -3.05	36.73 0.74 -2.20	34.92 0.58 -1.99	31.88 0.62 -1.51	29.21 0.47 -1.07	25.20 0.44 -0.53
NUMBER_THREE_WT_PWR 323818	23.80 0.37 0.00	20.41 0.28 0.00	20.33 0.26 0.00	19.49 0.29 0.00	19.41 0.27 0.00	20.52 0.30 0.00	21.82 0.41 0.00	21.55 0.40 0.00	25.08 0.44 0.00	26.03 0.39 0.00	25.64 0.31 0.00	26.91 0.37 0.00	27.92 0.36 0.00	29.15 0.23 -0.52	30.37 0.29 -0.58	32.28 0.22 -0.71	36.22 0.21 -0.98	44.13 0.42 -1.51	40.51 0.58 -1.25	35.39 0.71 -0.90	34.03 0.87 -0.81	31.17 0.80 -0.62	28.77 0.66 -0.44	24.96 0.51 -0.22
NYISO_LBMP_REFERENCE 24008	23.43 0.00 0.00	20.13 0.00 0.00	20.07 0.00 0.00	19.20 0.00 0.00	19.15 0.00 0.00	20.21 0.00 0.00	21.41 0.00 0.00	21.15 0.00 0.00	24.64 0.00 0.00	25.64 0.00 0.00	25.33 0.00 0.00	26.54 0.00 0.00	27.56 0.00 0.00	28.41 0.00 0.00	29.49 0.00 0.00	31.35 0.00 0.00	35.03 0.00 0.00	42.20 0.00 0.00	38.68 0.00 0.00	33.78 0.00 0.00	32.35 0.00 0.00	29.75 0.00 0.00	27.67 0.00 0.00	24.23 0.00 0.00
NYPA_BRENTWD____GT 24164	26.48 2.69 -0.35	22.25 2.11 -0.01	21.87 1.81 0.00	20.79 1.59 0.00	20.64 1.49 0.00	21.83 1.62 0.00	23.38 1.97 0.00	23.44 2.29 0.00	27.85 3.08 -0.13	28.96 3.31 -0.01	30.59 3.11 -2.14	30.75 3.24 -0.98	31.10 3.39 -0.16	31.99 3.38 -0.20	33.04 3.42 -0.13	36.51 3.89 -1.27	41.59 4.55 -2.01	73.80 5.36 -26.24	50.18 4.64 -6.85	37.52 3.72 -0.02	35.82 3.46 -0.01	32.81 3.06 0.00	30.66 2.99 0.00	26.99 2.74 -0.02
NYPA_GOWANUS____GT5 24156	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NYPA_GOWANUS____GT6 24157	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.80 2.17 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.43 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.46 4.26 0.00	42.13 3.44 0.00	36.11 2.33 0.00	34.68 2.33 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.07 1.84 0.00
NYPA_HARLEM_RVR_GT1 24160	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.14 0.94 0.00	20.08 0.94 0.00	21.02 0.81 0.00	22.54 1.13 0.01	22.64 1.50 0.01	26.56 1.92 0.00	27.94 2.31 0.01	27.85 2.51 -0.01	29.20 2.65 -0.01	30.37 2.81 0.00	31.20 2.79 0.00	32.15 2.66 0.00	34.52 3.16 -0.01	38.36 3.33 0.00	46.30 4.09 -0.01	42.01 3.33 0.00	35.80 2.03 0.01	34.28 1.94 0.01	31.80 2.05 0.00	30.05 2.38 0.00	26.02 1.79 0.00
NYPA_HARLEM_RVR_GT2 24161	25.22 1.78 -0.01	21.24 1.11 0.00	21.13 1.06 0.00	20.14 0.94 0.00	20.08 0.94 0.00	21.02 0.81 0.00	22.54 1.13 0.01	22.64 1.50 0.01	26.56 1.92 0.00	27.94 2.31 0.01	27.85 2.51 -0.01	29.20 2.65 -0.01	30.37 2.81 0.00	31.20 2.79 0.00	32.15 2.66 0.00	34.52 3.16 -0.01	38.36 3.33 0.00	46.30 4.09 -0.01	42.01 3.33 0.00	35.80 2.03 0.01	34.28 1.94 0.01	31.80 2.05 0.00	30.05 2.38 0.00	26.02 1.79 0.00
NYPA_KENT____GT 24152	25.16 1.73 0.00	21.28 1.15 0.00	21.15 1.08 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.10 0.89 0.00	22.65 1.24 0.00	22.76 1.61 0.00	26.78 2.14 0.00	28.10 2.46 0.00	27.92 2.58 -0.01	29.28 2.73 -0.01	30.40 2.84 0.00	31.28 2.87 0.00	32.21 2.71 0.00	34.51 3.16 0.00	38.39 3.36 0.00	46.33 4.14 0.00	42.05 3.36 0.00	36.05 2.26 0.00	34.58 2.23 0.00	31.98 2.23 0.00	30.08 2.41 0.00	26.05 1.82 0.00
NYPA_POUCH1____GT 24155	25.16 1.73 0.00	21.24 1.11 0.00	21.13 1.06 0.00	20.06 0.86 0.00	20.03 0.88 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.68 1.52 0.00	26.71 2.07 0.00	28.05 2.41 0.00	27.88 2.53 -0.02	29.23 2.68 -0.02	30.35 2.78 -0.01	31.26 2.84 -0.01	32.15 2.66 0.00	34.51 3.16 0.00	38.35 3.33 0.00	46.29 4.09 0.00	42.01 3.33 0.00	35.98 2.19 0.00	34.58 2.23 0.00	31.92 2.17 0.00	30.05 2.38 0.00	26.02 1.79 0.00
NYPA_VERNON____GT2 24162	25.12 1.69 0.00	21.26 1.13 0.00	21.13 1.06 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.10 0.89 0.00	22.67 1.26 0.00	22.76 1.61 0.00	26.78 2.14 0.00	28.08 2.44 0.00	27.90 2.56 -0.01	29.22 2.68 -0.01	30.34 2.78 0.00	31.23 2.81 -0.01	32.15 2.66 0.00	34.45 3.10 0.00	38.36 3.33 0.00	46.25 4.05 0.00	41.97 3.29 0.00	36.05 2.26 0.00	34.52 2.17 0.00	31.92 2.17 0.00	30.02 2.35 0.00	26.02 1.79 0.00

NYPA_VERNON____GT3 24163	25.12	21.26	21.13	20.12	20.06	21.10	22.67	22.76	26.78	28.08	27.90	29.22	30.34	31.23	32.15	34.45	38.36	46.25	41.97	36.05	34.52	31.92	30.02	26.02
	1.69	1.13	1.06	0.92	0.92	0.89	1.26	1.61	2.14	2.44	2.56	2.68	2.78	2.81	2.66	3.10	3.33	4.05	3.29	2.26	2.17	2.17	2.35	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	25.09	21.22	21.09	20.08	20.05	21.06	22.63	22.72	26.71	28.03	27.85	29.20	30.31	31.17	32.09	34.39	38.28	46.12	41.89	35.95	34.45	31.86	29.99	26.00
	1.66	1.09	1.02	0.88	0.90	0.85	1.22	1.57	2.07	2.39	2.51	2.65	2.76	2.75	2.60	3.04	3.26	3.92	3.21	2.16	2.10	2.11	2.32	1.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	25.09	21.22	21.09	20.08	20.05	21.06	22.63	22.72	26.71	28.03	27.85	29.20	30.31	31.17	32.09	34.39	38.28	46.12	41.89	35.95	34.45	31.86	29.99	26.00
	1.66	1.09	1.02	0.88	0.90	0.85	1.22	1.57	2.07	2.39	2.51	2.65	2.76	2.75	2.60	3.04	3.26	3.92	3.21	2.16	2.10	2.11	2.32	1.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	26.45	22.21	21.85	20.77	20.58	21.79	23.25	23.25	27.70	28.78	30.34	30.43	30.77	31.68	32.72	36.22	41.20	69.00	49.90	37.18	35.46	32.48	30.38	26.77
	2.67	2.07	1.79	1.57	1.44	1.58	1.84	2.09	2.93	3.13	2.86	2.92	3.06	3.07	3.10	3.60	4.17	5.02	4.29	3.38	3.11	2.74	2.71	2.52
	-0.35	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-0.01	-2.14	-0.98	-0.16	-0.20	-0.13	-1.27	-2.01	-21.78	-6.92	-0.02	-0.01	0.00	0.00	-0.02
NYPA____HELLGATE_GT1 24158	25.22	21.24	21.13	20.14	20.08	21.02	22.54	22.64	26.56	27.94	27.85	29.20	30.37	31.20	32.12	34.52	38.36	46.30	42.01	35.80	34.28	31.80	30.05	26.02
	1.78	1.11	1.06	0.94	0.94	0.81	1.13	1.50	1.92	2.31	2.51	2.65	2.81	2.79	2.62	3.16	3.33	4.09	3.33	2.03	1.94	2.05	2.38	1.79
	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.01	0.01	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	25.22	21.24	21.13	20.14	20.08	21.02	22.54	22.64	26.56	27.94	27.85	29.20	30.37	31.20	32.12	34.52	38.36	46.30	42.01	35.80	34.28	31.80	30.05	26.02
	1.78	1.11	1.06	0.94	0.94	0.81	1.13	1.50	1.92	2.31	2.51	2.65	2.81	2.79	2.62	3.16	3.33	4.09	3.33	2.03	1.94	2.05	2.38	1.79
	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	-0.01	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.01	0.01	0.00	0.00	0.00
NYS_BARGE____HYD 23848	24.32	20.55	20.41	19.54	19.53	20.62	22.03	21.47	24.76	25.69	25.51	26.64	27.59	28.32	29.47	31.03	34.68	41.52	38.03	34.26	32.80	30.11	27.84	24.86
	0.89	0.42	0.34	0.35	0.38	0.40	0.62	0.32	0.12	0.05	0.18	0.11	0.03	-0.08	-0.03	-0.31	-0.35	-0.68	-0.66	0.47	0.45	0.36	0.17	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.23	20.55	20.41	19.54	19.47	20.59	21.90	21.55	24.96	25.95	25.73	26.93	27.89	28.66	29.82	31.50	35.20	42.28	38.76	34.56	33.06	30.34	28.09	24.84
	0.80	0.42	0.34	0.35	0.33	0.38	0.49	0.40	0.32	0.31	0.40	0.40	0.33	0.26	0.33	0.16	0.18	0.08	0.08	0.78	0.71	0.59	0.42	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.94	20.43	20.31	19.43	19.36	20.47	21.84	21.55	25.03	26.05	25.74	26.96	27.97	29.31	30.53	32.47	36.55	44.25	40.40	35.31	33.64	30.88	28.51	24.94
	0.52	0.30	0.24	0.23	0.21	0.26	0.43	0.40	0.39	0.41	0.41	0.42	0.41	0.43	0.50	0.47	0.63	0.68	0.58	0.71	0.55	0.57	0.44	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	-0.47	-0.53	-0.65	-0.90	-1.38	-1.14	-0.82	-0.74	-0.56	-0.40	-0.20
OCC_CHEM____DRP 24175	24.01	20.37	20.19	19.35	19.26	20.39	21.54	21.00	24.24	25.13	24.95	26.06	26.98	27.73	28.79	30.34	33.87	40.38	37.10	33.41	31.64	29.42	27.14	24.33
	0.59	0.24	0.12	0.15	0.11	0.18	0.13	-0.15	-0.39	-0.51	-0.38	-0.48	-0.58	-0.68	-0.71	-1.00	-1.16	-1.81	-1.59	-0.37	-0.71	-0.33	-0.53	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.42	20.99	20.23	19.37	19.36	20.54	21.65	21.21	24.49	25.41	25.20	26.35	27.26	27.98	29.11	30.72	34.33	41.06	37.60	34.23	31.97	29.72	26.90	25.15
	0.63	0.22	0.16	0.17	0.21	0.22	0.34	0.06	-0.15	-0.23	-0.13	-0.18	-0.30	-0.43	-0.38	-0.63	-0.70	-1.14	-1.08	0.03	0.03	-0.03	-0.19	0.34
	0.64	-0.64	0.00	0.00	0.00	-0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.41	0.41	0.00	0.58	-0.58
OLIN_CORP_DRP 24177	23.92	20.29	20.11	19.26	19.15	20.31	21.75	21.11	24.37	25.26	25.05	26.19	27.12	27.84	28.93	30.50	34.05	40.64	37.33	33.62	31.83	29.57	27.31	24.45
	0.49	0.16	0.04	0.06	0.00	0.10	0.34	-0.04	-0.27	-0.38	-0.28	-0.34	-0.44	-0.57	-0.56	-0.85	-0.98	-1.56	-1.35	-0.17	-0.52	-0.18	-0.36	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.04	20.31	20.19	19.35	19.36	20.39	21.54	21.00	24.24	25.13	24.95	26.06	26.98	27.70	28.79	30.34	33.87	40.51	37.10	33.45	32.03	29.42	27.20	24.33
	0.61	0.18	0.12	0.15	0.21	0.18	0.13	-0.15	-0.40	-0.51	-0.38	-0.48	-0.58	-0.71	-0.71	-1.00	-1.15	-1.69	-1.59	-0.34	-0.32	-0.33	-0.47	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.85	20.43	20.35	19.49	19.45	20.53	21.88	21.66	25.23	26.20	25.84	27.12	28.14	29.23	30.40	32.30	36.19	43.87	40.26	35.19	33.80	30.98	28.66	24.93
	0.42	0.30	0.28	0.29	0.31	0.32	0.47	0.51	0.59	0.56	0.51	0.58	0.58	0.54	0.59	0.56	0.63	0.84	0.89	0.91	1.00	0.89	0.75	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-0.32	-0.39	-0.54	-0.82	-0.68	-0.49	-0.44	-0.34	-0.24	-0.12
ONEIDA____115KV_TB4 55905	23.99	20.53	20.41	19.54	19.47	20.60	22.01	21.79	25.33	26.36	25.99	27.25	28.30	29.51	30.73	32.66	36.67	44.47	40.78	35.61	34.09	31.25	28.86	25.10
	0.56	0.40	0.34	0.35	0.33	0.38	0.60	0.63	0.69	0.72	0.66	0.72	0.74	0.71	0.80	0.78	0.91	1.14	1.16	1.15	1.13	1.04	0.86	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-0.44	-0.53	-0.74	-1.13	-0.93	-0.67	-0.61	-0.46	-0.33	-0.16

ONONDAGA_REF_OCCRA 23987	23.55 0.12 0.00	20.11 -0.02 0.00	19.99 -0.08 0.00	19.14 -0.06 0.00	19.07 -0.08 0.00	20.17 -0.04 0.00	21.50 0.09 0.00	21.21 0.06 0.00	24.66 0.02 0.00	25.67 0.03 0.00	25.38 0.05 0.00	26.56 0.03 0.00	27.56 0.00 0.00	29.23 -0.03 -0.85	30.49 0.03 -0.96	32.49 -0.03 -1.17	36.65 0.00 -1.62	44.64 -0.04 -2.49	40.70 -0.04 -2.05	35.40 0.14 -1.48	33.72 0.03 -1.34	30.85 0.09 -1.02	28.39 0.00 -0.72	24.62 0.02 -0.36
ONONDAGA___COGEN 23986	23.57 0.14 0.00	20.15 0.02 0.00	20.03 -0.04 0.00	19.16 -0.04 0.00	19.11 -0.04 0.00	20.21 0.00 0.00	21.52 0.11 0.00	21.24 0.08 0.00	24.76 0.12 0.00	25.77 0.13 0.00	25.48 0.15 0.00	26.70 0.16 0.00	27.70 0.14 0.00	29.75 0.03 -1.31	31.06 0.09 -1.48	33.18 0.03 -1.81	37.56 0.04 -2.49	46.02 0.00 -3.82	41.89 0.04 -3.16	36.23 0.17 -2.28	34.50 0.10 -2.06	31.43 0.12 -1.56	28.84 0.06 -1.11	24.86 0.07 -0.55
ONTARIO___LFGE 23819	24.16 0.73 0.00	20.53 0.40 0.00	20.39 0.32 0.00	19.50 0.31 0.00	19.51 0.36 0.00	20.62 0.40 0.00	22.08 0.66 0.00	21.78 0.63 0.00	25.23 0.59 0.00	26.23 0.59 0.00	25.94 0.61 0.00	27.17 0.64 0.00	28.19 0.63 0.00	29.42 0.60 -0.41	30.70 0.74 -0.47	32.45 0.53 -0.57	36.44 0.63 -0.79	44.08 0.67 -1.21	40.38 0.70 -1.00	35.55 1.05 -0.72	33.90 0.90 -0.65	31.19 0.95 -0.49	28.74 0.72 -0.35	25.18 0.78 -0.17
ORANGEVILLE_WT_PWR 323706	24.44 1.01 0.00	20.69 0.56 0.00	20.55 0.48 0.00	19.68 0.48 0.00	19.64 0.50 0.00	20.76 0.55 0.00	22.14 0.73 0.00	21.68 0.53 0.00	25.03 0.39 0.00	26.00 0.36 0.00	25.71 0.38 0.00	26.86 0.32 0.00	27.78 0.22 0.00	28.55 0.14 0.00	29.73 0.23 0.00	31.41 0.06 0.00	35.17 0.14 0.00	42.20 0.00 0.00	38.72 0.04 0.00	34.66 0.88 0.00	33.12 0.78 0.00	30.46 0.71 0.00	28.14 0.47 0.00	25.08 0.85 0.00
ORANGEVILLE___ESR 323794	24.44 1.01 0.00	20.69 0.56 0.00	20.55 0.48 0.00	19.68 0.48 0.00	19.64 0.50 0.00	20.76 0.55 0.00	22.14 0.73 0.00	21.68 0.53 0.00	25.03 0.39 0.00	26.00 0.36 0.00	25.71 0.38 0.00	26.86 0.32 0.00	27.78 0.22 0.00	28.55 0.14 0.00	29.73 0.23 0.00	31.41 0.06 0.00	35.17 0.14 0.00	42.20 0.00 0.00	38.72 0.04 0.00	34.66 0.88 0.00	33.12 0.78 0.00	30.46 0.71 0.00	28.14 0.47 0.00	25.08 0.85 0.00
OSWEGATCHIE___HYD 24044	23.34 -0.09 0.00	20.11 -0.02 0.00	20.07 0.00 0.00	19.24 0.04 0.00	19.15 0.00 0.00	20.23 0.02 0.00	21.37 -0.04 0.00	20.96 -0.19 0.00	24.37 -0.27 0.00	25.26 -0.38 0.00	24.90 -0.43 0.00	26.11 -0.43 0.00	27.09 -0.47 0.00	28.27 -0.57 -0.43	29.42 -0.56 -0.49	31.28 -0.66 -0.60	35.05 -0.80 -0.82	42.57 -0.89 -1.26	39.11 -0.62 -1.04	34.13 -0.40 -0.75	32.80 -0.22 -0.68	30.12 -0.15 -0.52	27.98 -0.06 -0.37	24.39 -0.02 -0.18
OSWEGO___5 23606	23.15 -0.28 0.00	19.81 -0.32 0.00	19.71 -0.36 0.00	18.87 -0.33 0.00	18.82 -0.33 0.00	19.87 -0.34 0.00	21.13 -0.28 0.00	20.81 -0.34 0.00	24.17 -0.47 0.00	25.15 -0.49 0.00	24.87 -0.46 0.00	26.03 -0.51 0.00	27.01 -0.55 0.00	33.26 -0.57 -5.42	35.06 -0.56 -6.13	38.20 -0.63 -7.48	44.66 -0.70 -10.33	57.20 -0.84 -15.84	51.01 -0.77 -13.10	42.68 -0.54 -9.44	40.39 -0.48 -8.52	35.74 -0.48 -6.47	31.77 -0.50 -4.60	26.13 -0.39 -2.29
OSWEGO___6 23613	23.15 -0.28 0.00	19.81 -0.32 0.00	19.71 -0.36 0.00	18.87 -0.33 0.00	18.82 -0.33 0.00	19.87 -0.34 0.00	21.13 -0.28 0.00	20.81 -0.34 0.00	24.17 -0.47 0.00	25.15 -0.49 0.00	24.87 -0.46 0.00	26.03 -0.51 0.00	27.01 -0.55 0.00	33.26 -0.57 -5.42	35.06 -0.56 -6.13	38.20 -0.63 -7.48	44.66 -0.70 -10.33	57.20 -0.84 -15.84	51.01 -0.77 -13.10	42.68 -0.54 -9.44	40.39 -0.48 -8.52	35.74 -0.48 -6.47	31.77 -0.50 -4.60	26.13 -0.39 -2.29
OUTOKUMPU-AB___DRP 24206	24.51 1.08 0.00	20.79 0.66 0.00	20.61 0.54 0.00	19.74 0.54 0.00	19.62 0.48 0.00	20.82 0.61 0.00	22.14 0.73 0.00	21.64 0.49 0.00	24.98 0.34 0.00	25.92 0.28 0.00	25.74 0.41 0.00	26.91 0.37 0.00	27.83 0.28 0.00	28.64 0.23 0.00	29.73 0.24 0.00	31.35 0.00 0.00	34.99 -0.04 0.00	41.77 -0.42 0.00	38.38 -0.31 0.00	34.49 0.71 0.00	32.67 0.32 0.00	30.34 0.59 0.00	28.00 0.33 0.00	25.06 0.82 0.00
OXBOW____ 24026	24.34 0.91 0.00	20.59 0.46 0.00	20.45 0.38 0.00	19.60 0.40 0.00	19.60 0.46 0.00	20.66 0.44 0.00	21.88 0.47 0.00	21.38 0.23 0.00	24.69 0.05 0.00	25.62 -0.03 0.00	25.43 0.10 0.00	26.56 0.03 0.00	27.50 -0.06 0.00	28.24 -0.17 0.00	29.38 -0.12 0.00	30.94 -0.41 0.00	34.54 -0.49 0.00	41.35 -0.84 0.00	37.87 -0.81 0.00	34.09 0.30 0.00	32.64 0.29 0.00	29.99 0.24 0.00	27.70 0.03 0.00	24.76 0.53 0.00
OXY_CHEM_DSASP 323612	24.01 0.59 0.00	20.37 0.24 0.00	20.19 0.12 0.00	19.35 0.15 0.00	19.26 0.11 0.00	20.39 0.18 0.00	21.54 0.13 0.00	21.00 -0.15 0.00	24.24 -0.39 0.00	25.13 -0.51 0.00	24.95 -0.38 0.00	26.06 -0.48 0.00	26.98 -0.58 0.00	27.73 -0.68 0.00	28.79 -0.71 0.00	30.34 -1.00 0.00	33.87 -1.16 0.00	40.38 -1.81 0.00	37.10 -1.59 0.00	33.41 -0.37 0.00	31.64 -0.71 0.00	29.42 -0.33 0.00	27.14 -0.53 0.00	24.33 0.10 0.00
OZONE_PARK_ESR 323760	25.26 1.83 0.00	21.42 1.29 0.00	21.27 1.20 0.00	20.25 1.06 0.00	20.22 1.07 0.00	21.30 1.09 0.00	22.89 1.48 0.00	22.95 1.80 0.00	27.03 2.39 0.00	28.28 2.64 0.00	28.01 2.68 0.00	29.35 2.81 0.00	30.48 2.92 0.00	31.36 2.95 0.00	32.30 2.80 0.00	34.61 3.26 0.00	38.67 3.64 0.00	46.71 4.52 0.00	42.36 3.68 0.00	36.52 2.74 0.00	35.00 2.65 0.00	32.19 2.44 0.00	30.24 2.57 0.00	26.24 2.01 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.01 0.59 0.00	20.37 0.24 0.00	20.19 0.12 0.00	19.35 0.15 0.00	19.26 0.11 0.00	20.39 0.18 0.00	21.54 0.13 0.00	21.00 -0.15 0.00	24.24 -0.39 0.00	25.13 -0.51 0.00	24.95 -0.38 0.00	26.06 -0.48 0.00	26.98 -0.58 0.00	27.73 -0.68 0.00	28.79 -0.71 0.00	30.34 -1.00 0.00	33.87 -1.16 0.00	40.38 -1.81 0.00	37.10 -1.59 0.00	33.41 -0.37 0.00	31.64 -0.71 0.00	29.42 -0.33 0.00	27.14 -0.53 0.00	24.33 0.10 0.00
PACKARD___115KV_DUPONT_184 80571	24.01 0.59 0.00	20.37 0.24 0.00	20.19 0.12 0.00	19.35 0.15 0.00	19.26 0.11 0.00	20.39 0.18 0.00	21.54 0.13 0.00	21.00 -0.15 0.00	24.24 -0.39 0.00	25.13 -0.51 0.00	24.95 -0.38 0.00	26.06 -0.48 0.00	26.98 -0.58 0.00	27.73 -0.68 0.00	28.79 -0.71 0.00	30.34 -1.00 0.00	33.87 -1.16 0.00	40.38 -1.81 0.00	37.10 -1.59 0.00	33.41 -0.37 0.00	31.64 -0.71 0.00	29.42 -0.33 0.00	27.14 -0.53 0.00	24.33 0.10 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.22 1.78 -0.01	21.22 1.09 0.00	21.11 1.04 0.00	20.10 0.90 0.00	20.08 0.94 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.63 1.48 0.00	26.80 2.17 0.00	27.92 2.28 0.00	27.85 2.51 -0.01	29.20 2.65 -0.01	30.29 2.73 0.00	31.16 2.76 0.00	32.12 2.63 0.00	34.49 3.13 -0.01	38.35 3.33 0.00	46.30 4.09 -0.01	42.01 3.33 0.00	35.81 2.03 0.00	34.45 2.10 0.00	31.77 2.02 0.00	30.02 2.35 0.00	26.00 1.77 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.38 1.94 -0.01	21.36 1.23 0.00	21.27 1.20 0.00	20.23 1.04 0.00	20.22 1.07 0.00	21.20 0.99 0.00	22.83 1.41 0.00	22.93 1.78 0.00	27.15 2.51 0.00	28.28 2.64 0.00	28.20 2.86 -0.01	29.54 3.00 -0.01	30.67 3.11 0.00	31.53 3.12 0.00	32.50 3.01 0.00	34.93 3.57 -0.01	38.84 3.82 0.00	46.93 4.73 -0.01	42.51 3.83 0.00	36.25 2.47 0.00	34.87 2.52 0.00	32.16 2.41 0.00	30.41 2.74 0.00	26.32 2.08 0.00
PATROON__115KV_TB1 80586	24.08 0.66 0.00	20.61 0.48 0.00	20.49 0.42 0.00	19.56 0.36 0.00	19.55 0.40 0.00	20.60 0.38 0.00	22.08 0.66 0.00	21.91 0.76 0.00	25.55 0.91 0.00	26.56 0.92 0.00	26.22 0.89 0.00	27.52 0.98 0.00	28.60 1.05 0.00	29.52 1.11 0.00	30.65 1.15 0.00	32.57 1.22 0.00	36.32 1.30 0.00	43.84 1.65 0.00	40.19 1.51 0.00	34.97 1.18 0.00	33.55 1.20 0.00	30.76 1.01 0.00	28.61 0.94 0.00	25.03 0.80 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.48 1.05 0.00	20.77 0.64 0.00	20.59 0.52 0.00	19.70 0.50 0.00	19.61 0.46 0.00	20.80 0.59 0.00	22.20 0.79 0.00	21.68 0.53 0.00	25.06 0.42 0.00	26.03 0.38 0.00	25.81 0.48 0.00	26.99 0.45 0.00	27.94 0.39 0.00	28.78 0.37 0.00	29.94 0.44 0.00	31.60 0.25 0.00	35.38 0.35 0.00	42.24 0.04 0.00	38.76 0.08 0.00	34.70 0.91 0.00	32.83 0.49 0.00	30.46 0.71 0.00	28.08 0.42 0.00	25.15 0.92 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.90 1.48 0.00	21.24 1.11 0.00	21.07 1.00 0.00	20.12 0.92 0.00	20.03 0.88 0.00	21.06 0.85 0.00	22.63 1.22 0.00	22.59 1.44 0.00	26.58 1.95 0.00	27.85 2.21 0.00	27.56 2.23 0.00	28.92 2.39 0.00	30.07 2.51 0.00	30.99 2.59 0.00	32.12 2.63 0.00	34.29 2.95 0.00	38.39 3.36 0.00	46.37 4.18 0.00	42.21 3.52 0.00	36.52 2.74 0.00	35.00 2.65 0.00	32.10 2.35 0.00	29.94 2.27 0.00	26.05 1.82 0.00
PEEKSKILL____ 23653	24.81 1.38 0.00	21.14 1.01 0.00	20.99 0.92 0.00	20.00 0.81 0.00	19.93 0.79 0.00	21.02 0.81 0.00	22.57 1.16 0.00	22.55 1.40 0.00	26.49 1.85 0.00	27.69 2.05 0.00	27.38 2.05 0.00	28.71 2.18 0.00	29.84 2.29 0.00	30.74 2.33 0.00	31.80 2.30 0.00	33.95 2.60 0.00	37.97 2.94 0.00	45.78 3.58 0.00	41.70 3.02 0.00	36.01 2.23 0.00	34.42 2.07 0.00	31.71 1.96 0.00	29.63 1.96 0.00	25.83 1.60 0.00
PGE MADISON__WINDPWR 24146	25.19 1.76 0.00	21.42 1.29 0.00	21.25 1.18 0.00	20.37 1.17 0.00	20.29 1.15 0.00	21.49 1.27 0.00	23.08 1.67 0.00	22.91 1.75 0.00	26.51 1.87 0.00	27.44 1.79 0.00	26.93 1.60 0.00	28.31 1.78 0.00	29.35 1.79 0.00	30.54 1.65 -0.49	31.88 1.83 -0.55	33.87 1.85 -0.67	38.16 2.21 -0.93	46.45 2.83 -1.43	42.84 2.98 -1.18	37.64 3.01 -0.85	36.22 3.11 -0.77	33.10 2.77 -0.58	30.43 2.35 -0.41	26.43 1.99 -0.21
PIERCEFIELD__HYD 23852	22.87 -0.56 0.00	19.79 -0.34 0.00	19.83 -0.24 0.00	19.01 -0.19 0.00	18.92 -0.23 0.00	19.97 -0.24 0.00	20.94 -0.47 0.00	20.39 -0.76 0.00	23.63 -1.01 0.00	24.51 -1.13 0.00	24.16 -1.17 0.00	25.32 -1.22 0.00	26.29 -1.27 0.00	27.33 -1.31 -0.22	28.48 -1.27 -0.25	30.25 -1.41 -0.31	33.77 -1.68 -0.43	40.79 -2.07 -0.66	37.49 -1.74 -0.54	32.69 -1.49 -0.39	31.38 -1.33 -0.35	28.95 -1.07 -0.27	27.09 -0.77 -0.19	23.77 -0.56 -0.09
PINELAWN_CC_1 323563	26.22 2.44 -0.35	22.03 1.89 -0.01	21.67 1.61 0.00	20.60 1.40 0.00	20.45 1.30 0.00	21.63 1.41 0.00	23.19 1.78 0.00	23.27 2.11 0.00	27.60 2.83 -0.13	28.73 3.08 -0.01	30.39 2.91 -2.14	30.54 3.02 -0.98	30.88 3.17 -0.16	31.79 3.18 -0.20	32.81 3.19 -0.13	36.25 3.63 -1.27	41.27 4.24 -2.01	55.60 5.10 -8.30	49.94 4.41 -6.84	37.21 3.41 -0.02	35.56 3.20 -0.01	32.61 2.86 0.00	30.49 2.82 0.00	26.79 2.54 -0.02
PJM_GEN_HTP_PROXY 323702	24.36 1.57 0.64	21.86 1.09 -0.64	21.07 1.00 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.21 0.89 -0.11	22.59 1.28 0.11	22.74 1.59 0.00	26.73 2.09 0.00	27.97 2.33 0.00	27.71 2.38 0.00	29.03 2.49 0.00	30.15 2.59 0.00	31.02 2.61 0.00	32.00 2.51 0.00	34.23 2.88 0.00	38.21 3.19 0.00	46.12 3.92 0.00	41.89 3.21 0.00	36.52 2.33 -0.41	34.11 2.17 0.41	31.86 2.11 0.00	29.27 2.19 0.58	26.56 1.75 -0.58
PJM_GEN_KEystone 24065	23.70 0.91 0.64	21.33 0.56 -0.64	20.55 0.48 0.00	19.64 0.44 0.00	19.59 0.44 0.00	20.78 0.47 -0.11	22.03 0.73 0.11	21.91 0.76 0.00	25.52 0.89 0.00	26.59 0.95 0.00	26.34 1.01 0.00	27.57 1.03 0.00	28.60 1.05 0.00	29.43 1.02 0.00	30.59 1.09 0.00	32.51 1.16 0.00	36.46 1.44 0.00	43.80 1.60 0.00	39.92 1.24 0.00	35.41 1.21 -0.41	32.94 1.00 0.41	30.73 0.98 0.00	28.00 0.91 0.58	25.76 0.94 -0.58
PJM_GEN_NEPTUNE_PROXY 323594	25.08 1.94 0.29	22.27 1.49 -0.65	21.31 1.24 0.00	20.25 1.06 0.00	20.14 0.99 0.00	21.37 1.05 -0.11	22.74 1.43 0.11	22.91 1.75 0.00	27.15 2.39 -0.13	28.27 2.62 -0.01	29.96 2.48 -2.14	30.12 2.60 -0.98	30.42 2.70 -0.16	31.34 2.73 -0.20	32.28 2.66 -0.13	35.63 3.01 -1.27	40.51 3.47 -2.01	51.29 4.22 -4.87	49.08 3.56 -6.84	36.91 2.70 -0.43	34.47 2.52 0.40	32.04 2.29 0.00	29.44 2.35 0.58	26.91 2.08 -0.60
PJM_GEN_VFT_PROXY 323633	24.24 1.45 0.64	21.76 0.99 -0.64	20.97 0.90 0.00	19.99 0.79 0.00	19.93 0.79 0.00	21.11 0.79 -0.11	22.50 1.20 0.11	22.65 1.50 0.00	26.66 2.02 0.00	27.90 2.26 0.00	27.63 2.30 0.00	28.95 2.41 0.00	30.04 2.48 0.00	30.88 2.47 0.00	31.80 2.30 0.00	34.04 2.70 0.00	38.04 3.01 0.00	45.91 3.71 0.00	41.66 2.98 0.00	36.29 2.10 -0.41	33.91 1.97 0.41	31.71 1.96 0.00	29.19 2.10 0.58	26.46 1.65 -0.58
PLATSBRG_115KV_PMLD1 355749	23.10 -0.33 0.00	20.01 -0.12 0.00	20.07 0.00 0.00	19.26 0.06 0.00	19.24 0.10 0.00	20.31 0.10 0.00	21.41 0.00 0.00	21.11 -0.04 0.00	24.61 -0.02 0.00	25.67 0.03 0.00	25.30 -0.03 0.00	26.48 -0.05 0.00	27.50 -0.06 0.00	28.41 0.00 0.00	29.58 0.09 0.00	31.38 0.03 0.00	35.03 0.00 0.00	42.15 -0.04 0.00	38.96 0.27 0.00	34.05 0.27 0.00	32.61 0.26 0.00	29.96 0.21 0.00	27.86 0.19 0.00	24.47 0.24 0.00
PLEASANTVLY__LBMP 24000	24.69 1.27 0.00	21.06 0.93 0.00	20.91 0.84 0.00	19.97 0.77 0.00	19.91 0.77 0.00	20.98 0.77 0.00	22.50 1.09 0.00	22.44 1.29 0.00	26.34 1.70 0.00	27.46 1.82 0.00	27.15 1.82 0.00	28.45 1.91 0.00	29.57 2.01 0.00	30.48 2.07 0.00	31.50 2.01 0.00	33.63 2.29 0.00	37.58 2.56 0.00	45.32 3.12 0.00	41.32 2.63 0.00	35.78 1.99 0.00	34.29 1.94 0.00	31.48 1.73 0.00	29.41 1.74 0.00	25.66 1.43 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.93 1.50 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.65 1.24 0.00	22.65 1.50 0.00	26.61 1.97 0.00	27.80 2.15 0.00	27.48 2.15 0.00	28.82 2.28 0.00	29.96 2.40 0.00	30.85 2.44 0.00	31.88 2.39 0.00	34.07 2.73 0.00	38.07 3.05 0.00	45.95 3.76 0.00	41.82 3.13 0.00	36.15 2.36 0.00	34.65 2.30 0.00	31.80 2.05 0.00	29.74 2.08 0.00	25.90 1.67 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.93 1.50 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.08 0.88 0.00	20.03 0.88 0.00	21.10 0.89 0.00	22.65 1.24 0.00	22.65 1.50 0.00	26.61 1.97 0.00	27.80 2.15 0.00	27.48 2.15 0.00	28.82 2.28 0.00	29.96 2.40 0.00	30.85 2.44 0.00	31.88 2.39 0.00	34.07 2.73 0.00	38.07 3.05 0.00	45.95 3.76 0.00	41.82 3.13 0.00	36.15 2.36 0.00	34.65 2.30 0.00	31.80 2.05 0.00	29.74 2.08 0.00	25.90 1.67 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.83 1.41 0.00	21.18 1.05 0.00	21.01 0.94 0.00	20.06 0.86 0.00	20.01 0.86 0.00	21.06 0.85 0.00	22.59 1.18 0.00	22.53 1.37 0.00	26.41 1.77 0.00	27.51 1.87 0.00	27.23 1.90 0.00	28.55 2.02 0.00	29.71 2.15 0.00	30.60 2.19 0.00	31.68 2.18 0.00	33.82 2.48 0.00	37.83 2.80 0.00	45.66 3.46 0.00	41.62 2.94 0.00	36.08 2.30 0.00	34.58 2.23 0.00	31.71 1.96 0.00	29.61 1.94 0.00	25.78 1.55 0.00
POLETTI____ 23519	24.97 1.55 0.00	21.20 1.07 0.00	21.05 0.98 0.00	20.06 0.86 0.00	20.03 0.88 0.00	21.08 0.87 0.00	22.65 1.24 0.00	22.72 1.57 0.00	26.73 2.09 0.00	27.95 2.31 0.00	27.69 2.36 0.00	29.03 2.49 0.00	30.12 2.56 0.00	30.99 2.59 0.00	31.94 2.45 0.00	34.17 2.82 0.00	38.18 3.15 0.00	46.08 3.88 0.00	41.86 3.17 0.00	36.05 2.26 0.00	34.58 2.23 0.00	31.83 2.08 0.00	29.86 2.19 0.00	25.95 1.72 0.00
POMONA____ESR 323819	24.81 1.38 0.00	21.12 0.99 0.00	20.97 0.90 0.00	19.99 0.79 0.00	19.95 0.80 0.00	21.02 0.81 0.00	22.57 1.16 0.00	22.55 1.40 0.00	26.49 1.85 0.00	27.67 2.03 0.00	27.38 2.05 0.00	28.71 2.18 0.00	29.84 2.29 0.00	30.74 2.33 0.00	31.80 2.30 0.00	33.98 2.63 0.00	38.04 3.01 0.00	45.83 3.63 0.00	41.70 3.02 0.00	36.05 2.26 0.00	34.42 2.07 0.00	31.71 1.96 0.00	29.63 1.96 0.00	25.83 1.60 0.00
PORT_JEFF_3 23555	26.52 2.74 -0.35	22.27 2.13 -0.01	21.91 1.84 0.00	20.81 1.61 0.00	20.64 1.49 0.00	21.83 1.62 0.00	23.30 1.88 0.00	23.31 2.16 0.00	27.77 3.00 -0.13	28.86 3.20 -0.01	30.41 2.94 -2.14	30.54 3.02 -0.98	30.88 3.17 -0.16	31.79 3.18 -0.20	32.87 3.24 -0.13	36.35 3.73 -1.27	41.42 4.38 -2.01	69.64 5.23 -22.21	50.13 4.52 -6.92	37.35 3.55 -0.02	35.62 3.27 -0.01	32.61 2.86 0.00	30.49 2.82 0.00	26.84 2.59 -0.02
PORT_JEFF_4 23616	26.52 2.74 -0.35	22.27 2.13 -0.01	21.91 1.84 0.00	20.81 1.61 0.00	20.64 1.49 0.00	21.83 1.62 0.00	23.30 1.88 0.00	23.31 2.16 0.00	27.77 3.00 -0.13	28.86 3.20 -0.01	30.41 2.94 -2.14	30.54 3.02 -0.98	30.88 3.17 -0.16	31.79 3.18 -0.20	32.87 3.24 -0.13	36.35 3.73 -1.27	41.42 4.38 -2.01	69.64 5.23 -22.21	50.13 4.52 -6.92	37.35 3.55 -0.02	35.62 3.27 -0.01	32.61 2.86 0.00	30.49 2.82 0.00	26.84 2.59 -0.02
PORT_JEFF_IC 23713	26.57 2.79 -0.35	22.31 2.17 -0.01	21.95 1.89 0.00	20.85 1.65 0.00	20.66 1.51 0.00	21.87 1.66 0.00	23.32 1.90 0.00	23.33 2.18 0.00	27.82 3.05 -0.13	28.89 3.23 -0.01	30.46 2.99 -2.14	30.59 3.08 -0.98	30.94 3.22 -0.16	31.85 3.24 -0.20	32.93 3.30 -0.13	36.44 3.82 -1.27	41.49 4.45 -2.01	71.15 5.36 -23.59	50.26 4.64 -6.93	37.42 3.62 -0.02	35.69 3.33 -0.01	32.67 2.92 0.00	30.52 2.85 0.00	26.87 2.62 -0.02
PPL PILGRIM_ST_GT1 24216	26.48 2.69 -0.35	22.25 2.11 -0.01	21.87 1.81 0.00	20.79 1.59 0.00	20.64 1.49 0.00	21.83 1.62 0.00	23.38 1.97 0.00	23.44 2.29 0.00	27.85 3.08 -0.13	28.96 3.31 -0.01	30.59 3.11 -2.14	30.75 3.24 -0.98	31.10 3.39 -0.16	31.99 3.38 -0.20	33.04 3.42 -0.13	36.51 3.89 -1.27	41.59 4.55 -2.01	73.80 5.36 -26.24	50.18 4.64 -6.85	37.52 3.72 -0.02	35.82 3.46 -0.01	32.81 3.06 0.00	30.66 2.99 0.00	26.99 2.74 -0.02
PPL PILGRIM_ST_GT2 24217	26.48 2.69 -0.35	22.25 2.11 -0.01	21.87 1.81 0.00	20.79 1.59 0.00	20.64 1.49 0.00	21.83 1.62 0.00	23.38 1.97 0.00	23.44 2.29 0.00	27.85 3.08 -0.13	28.96 3.31 -0.01	30.59 3.11 -2.14	30.75 3.24 -0.98	31.10 3.39 -0.16	31.99 3.38 -0.20	33.04 3.42 -0.13	36.51 3.89 -1.27	41.59 4.55 -2.01	73.80 5.36 -26.24	50.18 4.64 -6.85	37.52 3.72 -0.02	35.82 3.46 -0.01	32.81 3.06 0.00	30.66 2.99 0.00	26.99 2.74 -0.02
PPL_SHRM_GT3 24213	26.78 3.00 -0.35	22.47 2.33 -0.01	22.11 2.05 0.00	21.02 1.82 0.00	20.81 1.66 0.00	22.01 1.80 0.00	23.34 1.93 0.00	23.20 2.05 0.00	27.85 3.08 -0.13	28.76 3.10 -0.01	30.21 2.74 -2.14	30.35 2.84 -0.98	30.69 2.98 -0.16	31.62 3.01 -0.20	32.72 3.10 -0.13	36.22 3.60 -1.27	41.31 4.27 -2.01	69.82 5.15 -22.47	50.05 4.45 -6.92	37.25 3.45 -0.02	35.53 3.17 -0.01	32.48 2.74 0.00	30.33 2.66 0.00	26.67 2.42 -0.02
PPL_SHRM_GT4 24214	26.78 3.00 -0.35	22.47 2.33 -0.01	22.11 2.05 0.00	21.02 1.82 0.00	20.81 1.66 0.00	22.01 1.80 0.00	23.34 1.93 0.00	23.20 2.05 0.00	27.85 3.08 -0.13	28.76 3.10 -0.01	30.21 2.74 -2.14	30.35 2.84 -0.98	30.69 2.98 -0.16	31.62 3.01 -0.20	32.72 3.10 -0.13	36.22 3.60 -1.27	41.31 4.27 -2.01	69.82 5.15 -22.47	50.05 4.45 -6.92	37.25 3.45 -0.02	35.53 3.17 -0.01	32.48 2.74 0.00	30.33 2.66 0.00	26.67 2.42 -0.02
PROJECT___ORANGE 1 24174	23.48 0.05 0.00	20.07 -0.06 0.00	19.95 -0.12 0.00	19.10 -0.10 0.00	19.03 -0.11 0.00	20.13 -0.08 0.00	21.43 0.02 0.00	21.15 0.00 0.00	24.59 -0.05 0.00	25.62 -0.03 0.00	25.30 -0.03 0.00	26.48 -0.05 0.00	27.48 -0.08 0.00	29.00 -0.11 -0.70	30.23 -0.06 -0.79	32.16 -0.16 -0.97	36.22 -0.14 -1.33	43.99 -0.25 -2.05	40.18 -0.19 -1.69	34.97 -0.03 -1.22	33.35 -0.10 -1.10	30.53 -0.06 -0.84	28.13 -0.14 -0.59	24.45 -0.07 -0.30
PROJECT___ORANGE 2 24166	23.48 0.05 0.00	20.07 -0.06 0.00	19.95 -0.12 0.00	19.10 -0.10 0.00	19.03 -0.11 0.00	20.13 -0.08 0.00	21.43 0.02 0.00	21.15 0.00 0.00	24.59 -0.05 0.00	25.62 -0.03 0.00	25.30 -0.03 0.00	26.48 -0.05 0.00	27.48 -0.08 0.00	29.00 -0.11 -0.70	30.23 -0.06 -0.79	32.16 -0.16 -0.97	36.22 -0.14 -1.33	43.99 -0.25 -2.05	40.18 -0.19 -1.69	34.97 -0.03 -1.22	33.35 -0.10 -1.10	30.53 -0.06 -0.84	28.13 -0.14 -0.59	24.45 -0.07 -0.30
PUCKETT___SOLAR 323809	24.25 0.82 0.00	20.67 0.54 0.00	20.53 0.46 0.00	19.64 0.44 0.00	19.60 0.46 0.00	20.72 0.51 0.00	22.14 0.73 0.00	21.85 0.70 0.00	25.33 0.69 0.00	26.28 0.64 0.00	25.91 0.58 0.00	27.12 0.58 0.00	28.16 0.61 0.00	29.43 0.57 -0.45	30.66 0.65 -0.51	32.66 0.69 -0.63	36.80 0.91 -0.87	44.70 1.18 -1.33	40.98 1.20 -1.10	35.86 1.28 -0.79	34.29 1.23 -0.71	31.39 1.10 -0.54	29.00 0.94 -0.39	25.29 0.87 -0.19
PYRITES___HYD 24023	23.10 -0.33 0.00	20.01 -0.12 0.00	20.07 0.00 0.00	19.24 0.04 0.00	19.13 -0.02 0.00	20.21 0.00 0.00	21.22 -0.19 0.00	20.73 -0.42 0.00	24.02 -0.62 0.00	24.95 -0.69 0.00	24.60 -0.73 0.00	25.79 -0.74 0.00	26.79 -0.77 0.00	27.82 -0.80 -0.21	29.02 -0.71 -0.23	30.78 -0.85 -0.29	34.37 -1.05 -0.39	41.49 -1.31 -0.60	38.18 -1.01 -0.50	33.33 -0.81 -0.36	32.06 -0.61 -0.33	29.49 -0.51 -0.25	27.51 -0.33 -0.18	24.08 -0.24 -0.09

QUAKERRD_115KV_BK1 80622	23.43 0.00 0.00	19.95 -0.18 0.00	19.81 -0.26 0.00	18.95 -0.25 0.00	18.86 -0.29 0.00	19.99 -0.22 0.00	21.26 -0.15 0.00	20.94 -0.21 0.00	24.29 -0.34 0.00	25.26 -0.38 0.00	25.03 -0.30 0.00	26.19 -0.34 0.00	27.14 -0.41 0.00	27.93 -0.48 0.00	29.02 -0.47 0.00	30.69 -0.66 0.00	34.29 -0.74 0.00	41.18 -1.01 0.00	37.80 -0.89 0.00	33.51 -0.27 0.00	31.93 -0.42 0.00	29.48 -0.27 0.00	27.28 -0.39 0.00	24.09 -0.15 0.00
QUENSBRY_115KV_TB8 356137	24.65 1.22 0.00	21.08 0.95 0.00	20.93 0.86 0.00	20.00 0.81 0.00	19.95 0.80 0.00	21.08 0.87 0.00	22.46 1.05 0.00	22.42 1.27 0.00	26.11 1.48 0.00	27.15 1.51 0.00	26.52 1.19 0.00	27.89 1.35 0.00	28.83 1.27 0.00	29.69 1.28 0.00	30.94 1.45 0.00	32.72 1.38 0.00	36.57 1.54 0.00	44.26 2.07 0.00	41.01 2.32 0.00	35.98 2.20 0.00	34.61 2.26 0.00	31.80 2.05 0.00	29.47 1.80 0.00	25.66 1.43 0.00
RAMAPO___LBMP 323565	24.72 1.29 0.00	21.06 0.93 0.00	20.91 0.84 0.00	19.95 0.75 0.00	19.89 0.75 0.00	20.96 0.75 0.00	22.48 1.07 0.00	22.46 1.31 0.00	26.39 1.75 0.00	27.54 1.90 0.00	27.26 1.93 0.00	28.58 2.04 0.00	29.71 2.15 0.00	30.60 2.19 0.00	31.65 2.15 0.00	33.79 2.44 0.00	37.83 2.80 0.00	45.61 3.42 0.00	41.51 2.82 0.00	35.88 2.09 0.00	34.35 2.01 0.00	31.56 1.81 0.00	29.50 1.83 0.00	25.71 1.48 0.00
RANKINE____ 23646	24.55 1.12 0.00	20.83 0.70 0.00	20.65 0.58 0.00	19.75 0.56 0.00	19.66 0.52 0.00	20.86 0.65 0.00	22.25 0.84 0.00	21.74 0.59 0.00	25.10 0.47 0.00	26.05 0.41 0.00	25.84 0.51 0.00	27.01 0.48 0.00	27.94 0.39 0.00	28.78 0.37 0.00	29.91 0.41 0.00	31.53 0.19 0.00	35.27 0.25 0.00	42.11 -0.08 0.00	38.68 0.00 0.00	34.70 0.91 0.00	32.87 0.52 0.00	30.52 0.77 0.00	28.14 0.47 0.00	25.18 0.95 0.00
RAVENSWOOD_GT2_1 24244	25.05 1.62 0.00	21.24 1.11 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.12 0.91 0.00	22.70 1.28 0.00	22.76 1.61 0.00	26.80 2.17 0.00	28.00 2.36 0.00	27.74 2.41 0.00	29.08 2.55 0.00	30.20 2.65 0.00	31.08 2.67 0.00	32.03 2.54 0.00	34.26 2.92 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.93 3.25 0.00	36.15 2.36 0.00	34.68 2.33 0.00	31.89 2.14 0.00	29.94 2.27 0.00	26.00 1.77 0.00
RAVENSWOOD_GT2_2 24245	25.05 1.62 0.00	21.24 1.11 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.12 0.91 0.00	22.70 1.28 0.00	22.76 1.61 0.00	26.80 2.17 0.00	28.00 2.36 0.00	27.74 2.41 0.00	29.08 2.55 0.00	30.20 2.65 0.00	31.08 2.67 0.00	32.03 2.54 0.00	34.26 2.92 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.93 3.25 0.00	36.15 2.36 0.00	34.68 2.33 0.00	31.89 2.14 0.00	29.94 2.27 0.00	26.00 1.77 0.00
RAVENSWOOD_GT2_3 24246	25.07 1.64 0.00	21.26 1.13 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.14 0.93 0.00	22.72 1.31 0.00	22.76 1.61 0.00	26.80 2.17 0.00	28.03 2.38 0.00	27.76 2.43 0.00	29.11 2.57 0.00	30.20 2.65 0.00	31.11 2.70 0.00	32.06 2.57 0.00	34.29 2.95 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.97 3.29 0.00	36.18 2.40 0.00	34.68 2.33 0.00	31.92 2.17 0.00	29.97 2.30 0.00	26.02 1.79 0.00
RAVENSWOOD_GT2_4 24247	25.07 1.64 0.00	21.26 1.13 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.14 0.93 0.00	22.72 1.31 0.00	22.76 1.61 0.00	26.80 2.17 0.00	28.03 2.38 0.00	27.76 2.43 0.00	29.11 2.57 0.00	30.20 2.65 0.00	31.11 2.70 0.00	32.06 2.57 0.00	34.29 2.95 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.97 3.29 0.00	36.18 2.40 0.00	34.68 2.33 0.00	31.92 2.17 0.00	29.97 2.30 0.00	26.02 1.79 0.00
RAVENSWOOD_GT3_1 24248	25.05 1.62 0.00	21.24 1.11 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.12 0.91 0.00	22.70 1.28 0.00	22.76 1.61 0.00	26.80 2.17 0.00	28.03 2.38 0.00	27.76 2.43 0.00	29.08 2.55 0.00	30.20 2.65 0.00	31.08 2.67 0.00	32.03 2.54 0.00	34.29 2.95 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.93 3.25 0.00	36.15 2.36 0.00	34.68 2.33 0.00	31.89 2.14 0.00	29.94 2.27 0.00	26.00 1.77 0.00
RAVENSWOOD_GT3_2 24249	25.05 1.62 0.00	21.24 1.11 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.12 0.91 0.00	22.70 1.28 0.00	22.76 1.61 0.00	26.80 2.17 0.00	28.03 2.38 0.00	27.76 2.43 0.00	29.08 2.55 0.00	30.20 2.65 0.00	31.08 2.67 0.00	32.03 2.54 0.00	34.29 2.95 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.93 3.25 0.00	36.15 2.36 0.00	34.68 2.33 0.00	31.89 2.14 0.00	29.94 2.27 0.00	26.00 1.77 0.00
RAVENSWOOD_GT3_3 24250	25.09 1.66 0.00	21.28 1.15 0.00	21.13 1.06 0.00	20.14 0.94 0.00	20.10 0.96 0.00	21.16 0.95 0.00	22.74 1.33 0.00	22.78 1.63 0.00	26.83 2.19 0.00	28.05 2.41 0.00	27.79 2.46 0.00	29.14 2.60 0.00	30.26 2.70 0.00	31.14 2.73 0.00	32.09 2.60 0.00	34.32 2.98 0.00	38.35 3.33 0.00	46.29 4.09 0.00	42.01 3.33 0.00	36.22 2.43 0.00	34.74 2.39 0.00	31.95 2.20 0.00	29.99 2.32 0.00	26.05 1.82 0.00
RAVENSWOOD_GT3_4 24251	25.09 1.66 0.00	21.28 1.15 0.00	21.13 1.06 0.00	20.14 0.94 0.00	20.10 0.96 0.00	21.16 0.95 0.00	22.74 1.33 0.00	22.78 1.63 0.00	26.83 2.19 0.00	28.05 2.41 0.00	27.79 2.46 0.00	29.14 2.60 0.00	30.26 2.70 0.00	31.14 2.73 0.00	32.09 2.60 0.00	34.32 2.98 0.00	38.35 3.33 0.00	46.29 4.09 0.00	42.01 3.33 0.00	36.22 2.43 0.00	34.74 2.39 0.00	31.95 2.20 0.00	29.99 2.32 0.00	26.05 1.82 0.00
RAVENSWOOD_GT_1 23729	25.12 1.69 0.00	21.26 1.13 0.00	21.13 1.06 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.10 0.89 0.00	22.67 1.26 0.00	22.76 1.61 0.00	26.78 2.14 0.00	28.08 2.44 0.00	27.90 2.56 -0.01	29.22 2.68 -0.01	30.34 2.78 0.00	31.23 2.81 -0.01	32.15 2.66 0.00	34.45 3.10 0.00	38.36 3.33 0.00	46.25 4.05 0.00	41.97 3.29 0.00	36.05 2.26 0.00	34.52 2.17 0.00	31.92 2.17 0.00	30.02 2.35 0.00	26.02 1.79 0.00
RAVENSWOOD_GT_10 24258	25.05 1.62 0.00	21.26 1.13 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.14 0.93 0.00	22.72 1.31 0.00	22.76 1.61 0.00	26.80 2.17 0.00	28.03 2.38 0.00	27.74 2.41 0.00	29.08 2.55 0.00	30.20 2.65 0.00	31.08 2.67 0.00	32.03 2.54 0.00	34.26 2.92 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.93 3.25 0.00	36.15 2.36 0.00	34.68 2.33 0.00	31.89 2.14 0.00	29.94 2.27 0.00	26.02 1.79 0.00
RAVENSWOOD_GT_11 24259	25.04 1.62 0.00	21.26 1.13 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.05 0.90 0.00	21.14 0.93 0.00	22.72 1.31 0.00	22.76 1.61 0.00	26.76 2.12 0.00	28.03 2.39 0.00	27.74 2.41 0.00	29.08 2.55 0.00	30.20 2.65 0.00	31.08 2.67 0.00	32.03 2.54 0.00	34.26 2.92 0.00	38.28 3.26 0.00	46.16 3.97 0.00	41.97 3.29 0.00	36.15 2.36 0.00	34.58 2.23 0.00	31.89 2.14 0.00	29.91 2.24 0.00	26.02 1.79 0.00



RAVENSWOOD_GT_4 24252	25.05 1.62 0.00	21.26 1.13 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.14 0.93 0.00	22.72 1.31 0.00	22.76 1.61 0.00	26.78 2.14 0.00	28.00 2.36 0.00	27.73 2.41 0.01	29.05 2.52 0.01	30.18 2.62 0.00	31.05 2.64 0.00	32.03 2.54 0.00	34.26 2.92 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.97 3.29 0.00	36.18 2.40 0.00	34.71 2.36 0.00	31.92 2.17 0.00	29.94 2.27 0.00	26.02 1.79 0.00
RAVENSWOOD_GT_5 24254	25.05 1.62 0.00	21.26 1.13 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.14 0.93 0.00	22.72 1.31 0.00	22.76 1.61 0.00	26.78 2.14 0.00	28.00 2.36 0.00	27.73 2.41 0.01	29.05 2.52 0.01	30.18 2.62 0.00	31.05 2.64 0.00	32.03 2.54 0.00	34.26 2.92 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.97 3.29 0.00	36.18 2.40 0.00	34.71 2.36 0.00	31.92 2.17 0.00	29.94 2.27 0.00	26.02 1.79 0.00
RAVENSWOOD_GT_6 24253	25.05 1.62 0.00	21.26 1.13 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.14 0.93 0.00	22.72 1.31 0.00	22.76 1.61 0.00	26.78 2.14 0.00	28.00 2.36 0.00	27.73 2.41 0.01	29.05 2.52 0.01	30.18 2.62 0.00	31.05 2.64 0.00	32.03 2.54 0.00	34.26 2.92 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.97 3.29 0.00	36.18 2.40 0.00	34.71 2.36 0.00	31.92 2.17 0.00	29.94 2.27 0.00	26.02 1.79 0.00
RAVENSWOOD_GT_7 24255	25.05 1.62 0.00	21.26 1.13 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.14 0.93 0.00	22.72 1.31 0.00	22.76 1.61 0.00	26.78 2.14 0.00	28.00 2.36 0.00	27.73 2.41 0.01	29.05 2.52 0.01	30.18 2.62 0.00	31.05 2.64 0.00	32.03 2.54 0.00	34.26 2.92 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.97 3.29 0.00	36.18 2.40 0.00	34.71 2.36 0.00	31.92 2.17 0.00	29.94 2.27 0.00	26.02 1.79 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.05 1.62 0.00	21.26 1.13 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.14 0.93 0.00	22.72 1.31 0.00	22.76 1.61 0.00	26.80 2.17 0.00	28.03 2.38 0.00	27.74 2.41 0.00	29.08 2.55 0.00	30.20 2.65 0.00	31.08 2.67 0.00	32.03 2.54 0.00	34.26 2.92 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.93 3.25 0.00	36.15 2.36 0.00	34.68 2.33 0.00	31.89 2.14 0.00	29.94 2.27 0.00	26.02 1.79 0.00
RAVENSWOOD_GT_9 24257	25.05 1.62 0.00	21.26 1.13 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.14 0.93 0.00	22.72 1.31 0.00	22.76 1.61 0.00	26.80 2.17 0.00	28.03 2.38 0.00	27.74 2.41 0.00	29.08 2.55 0.00	30.20 2.65 0.00	31.08 2.67 0.00	32.03 2.54 0.00	34.26 2.92 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.93 3.25 0.00	36.15 2.36 0.00	34.68 2.33 0.00	31.89 2.14 0.00	29.94 2.27 0.00	26.02 1.79 0.00
RAVENSWOOD___1 23533	25.09 1.66 0.00	21.24 1.11 0.00	21.11 1.04 0.00	20.10 0.90 0.00	20.06 0.92 0.00	21.10 0.89 0.00	22.65 1.24 0.00	22.76 1.61 0.00	26.76 2.12 0.00	28.08 2.44 0.00	27.87 2.53 -0.01	29.22 2.68 -0.01	30.31 2.76 0.00	31.20 2.79 0.00	32.12 2.62 0.00	34.42 3.07 0.00	38.32 3.29 0.00	46.21 4.01 0.00	41.97 3.29 0.00	36.01 2.23 0.00	34.52 2.17 0.00	31.89 2.14 0.00	29.99 2.32 0.00	26.02 1.79 0.00
RAVENSWOOD___2 23534	25.09 1.66 0.00	21.24 1.11 0.00	21.11 1.04 0.00	20.10 0.90 0.00	20.05 0.90 0.00	21.08 0.87 0.00	22.65 1.24 0.00	22.74 1.59 0.00	26.76 2.12 0.00	28.05 2.41 0.00	27.85 2.51 -0.01	29.20 2.65 -0.01	30.31 2.76 0.00	31.20 2.79 0.00	32.12 2.62 0.00	34.42 3.07 0.00	38.32 3.29 0.00	46.21 4.01 0.00	41.93 3.25 0.00	36.01 2.23 0.00	34.48 2.13 0.00	31.89 2.14 0.00	29.99 2.32 0.00	26.00 1.77 0.00
RAVENSWOOD___3 23535	25.04 1.62 0.00	21.26 1.13 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.05 0.90 0.00	21.14 0.93 0.00	22.70 1.28 0.00	22.76 1.61 0.00	26.76 2.12 0.00	28.03 2.39 0.00	27.76 2.43 0.00	29.08 2.55 0.00	30.20 2.65 0.00	31.08 2.67 0.00	32.03 2.54 0.00	34.29 2.95 0.00	38.28 3.26 0.00	46.16 3.97 0.00	41.97 3.29 0.00	36.15 2.36 0.00	34.55 2.20 0.00	31.89 2.14 0.00	29.94 2.27 0.00	26.02 1.79 0.00
RAVENSWOOD___4 23820	25.09 1.66 0.00	21.24 1.11 0.00	21.11 1.04 0.00	20.10 0.90 0.00	20.05 0.90 0.00	21.08 0.87 0.00	22.65 1.24 0.00	22.74 1.59 0.00	26.73 2.09 0.00	28.05 2.41 0.00	27.85 2.51 -0.01	29.20 2.65 -0.01	30.31 2.76 0.00	31.17 2.75 0.00	32.12 2.62 0.00	34.39 3.04 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.93 3.25 0.00	36.01 2.23 0.00	34.48 2.13 0.00	31.89 2.14 0.00	29.99 2.32 0.00	26.00 1.77 0.00
RCPL_TRUST___DRP 24196	25.05 1.62 0.00	21.26 1.13 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.14 0.93 0.00	22.74 1.33 0.00	22.78 1.63 0.00	26.83 2.19 0.00	28.05 2.41 0.00	27.76 2.43 0.00	29.11 2.57 0.00	30.23 2.67 0.00	31.11 2.70 0.00	32.06 2.57 0.00	34.29 2.95 0.00	38.32 3.29 0.00	46.25 4.05 0.00	42.01 3.33 0.00	36.22 2.43 0.00	34.71 2.36 0.00	31.92 2.17 0.00	29.94 2.27 0.00	26.02 1.79 0.00
RED___ROCHESTER 323720	24.39 0.96 0.00	20.69 0.56 0.00	20.55 0.48 0.00	19.66 0.46 0.00	19.59 0.44 0.00	20.72 0.51 0.00	22.03 0.62 0.00	21.70 0.55 0.00	25.15 0.52 0.00	26.15 0.51 0.00	25.91 0.58 0.00	27.15 0.61 0.00	28.11 0.55 0.00	28.89 0.48 0.00	30.05 0.56 0.00	31.75 0.41 0.00	35.48 0.45 0.00	42.66 0.47 0.00	39.11 0.43 0.00	34.83 1.05 0.00	33.35 1.00 0.00	30.58 0.83 0.00	28.31 0.64 0.00	25.03 0.80 0.00
REGAN___SOLAR 323812	25.14 1.71 0.00	21.48 1.35 0.00	21.33 1.26 0.00	20.39 1.19 0.00	20.52 1.38 0.00	21.55 1.33 0.00	23.34 1.93 0.00	23.31 2.16 0.00	26.93 2.29 0.00	27.77 2.13 0.00	27.25 1.92 0.00	28.61 2.07 0.00	29.71 2.15 0.00	30.65 2.24 0.00	32.00 2.51 0.00	33.92 2.57 0.00	38.14 3.12 0.00	46.42 4.22 0.00	42.86 4.18 0.00	37.90 4.12 0.00	36.33 3.98 0.00	33.20 3.45 0.00	30.66 2.99 0.00	26.61 2.38 0.00
RENSSELAER___COGEN 23796	23.97 0.54 0.00	20.53 0.40 0.00	20.39 0.32 0.00	19.49 0.29 0.00	19.43 0.29 0.00	20.49 0.28 0.00	21.97 0.56 0.00	21.78 0.63 0.00	25.42 0.79 0.00	26.41 0.77 0.00	26.09 0.76 0.00	27.36 0.82 0.00	28.44 0.88 0.00	29.35 0.94 0.00	30.44 0.94 0.00	32.38 1.03 0.00	36.11 1.09 0.00	43.55 1.35 0.00	39.96 1.27 0.00	34.73 0.94 0.00	33.25 0.90 0.00	30.55 0.80 0.00	28.44 0.77 0.00	24.89 0.65 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.70 2.27 0.00	21.94 1.81 0.00	21.81 1.75 0.00	20.83 1.63 0.00	20.77 1.63 0.00	22.01 1.80 0.00	23.64 2.23 0.00	23.73 2.58 0.00	27.59 2.96 0.00	28.67 3.03 0.00	27.99 2.66 0.00	29.46 2.92 0.00	30.40 2.84 0.00	31.34 2.93 0.00	32.83 3.33 0.00	34.54 3.20 0.00	38.63 3.61 0.00	46.84 4.64 0.00	43.44 4.76 0.00	38.35 4.56 0.00	36.91 4.56 0.00	33.86 4.11 0.00	31.27 3.60 0.00	27.12 2.88 0.00

REVERE_CPPR_DRP 24186	24.13 0.70 0.00	20.63 0.50 0.00	20.53 0.46 0.00	19.66 0.46 0.00	19.57 0.42 0.00	20.72 0.51 0.00	22.14 0.73 0.00	21.93 0.78 0.00	25.52 0.89 0.00	26.54 0.90 0.00	26.14 0.81 0.00	27.44 0.90 0.00	28.49 0.94 0.00	29.68 0.91 -0.36	30.90 1.00 -0.41	32.81 0.97 -0.49	36.83 1.12 -0.68	44.64 1.39 -1.05	41.02 1.47 -0.87	35.83 1.42 -0.62	34.37 1.46 -0.56	31.52 1.34 -0.43	29.08 1.11 -0.30	25.28 0.90 -0.15
REYNOLDS_115KV_TB3 80639	24.18 0.75 0.00	20.69 0.56 0.00	20.57 0.50 0.00	19.64 0.44 0.00	19.62 0.48 0.00	20.68 0.46 0.00	22.14 0.73 0.00	21.95 0.80 0.00	25.62 0.99 0.00	26.62 0.97 0.00	26.27 0.94 0.00	27.54 1.01 0.00	28.63 1.07 0.00	29.55 1.14 0.00	30.65 1.15 0.00	32.60 1.25 0.00	36.36 1.33 0.00	43.84 1.65 0.00	40.23 1.55 0.00	35.00 1.22 0.00	33.58 1.23 0.00	30.76 1.01 0.00	28.64 0.97 0.00	25.08 0.85 0.00
RIVERBAY____ 323610	25.38 1.94 -0.01	21.36 1.23 0.00	21.27 1.20 0.00	20.23 1.04 0.00	20.22 1.07 0.00	21.20 0.99 0.00	22.83 1.41 0.00	22.93 1.78 0.00	27.15 2.51 0.00	28.28 2.64 0.00	28.20 2.86 -0.01	29.54 3.00 -0.01	30.67 3.11 0.00	31.53 3.12 0.00	32.50 3.01 0.00	34.93 3.57 -0.01	38.84 3.82 0.00	46.93 4.73 -0.01	42.51 3.83 0.00	36.25 2.47 0.00	34.87 2.52 0.00	32.16 2.41 0.00	30.41 2.74 0.00	26.32 2.08 0.00
RIVERSDE_115KV_TB3 55908	24.11 0.68 0.00	20.63 0.50 0.00	20.49 0.42 0.00	19.58 0.38 0.00	19.55 0.40 0.00	20.60 0.38 0.00	22.08 0.66 0.00	21.89 0.74 0.00	25.55 0.91 0.00	26.54 0.90 0.00	26.22 0.89 0.00	27.49 0.96 0.00	28.58 1.02 0.00	29.49 1.08 0.00	30.62 1.12 0.00	32.54 1.19 0.00	36.29 1.26 0.00	43.76 1.56 0.00	40.15 1.47 0.00	34.93 1.15 0.00	33.51 1.16 0.00	30.70 0.95 0.00	28.58 0.91 0.00	25.01 0.78 0.00
ROARING__BROOK_WT_PWR 323790	23.05 -0.38 0.00	19.85 -0.28 0.00	19.83 -0.24 0.00	18.97 -0.23 0.00	18.94 -0.21 0.00	19.99 -0.22 0.00	21.13 -0.28 0.00	20.98 -0.17 0.00	24.51 -0.12 0.00	25.49 -0.15 0.00	25.15 -0.18 0.00	26.30 -0.24 0.00	27.28 -0.28 0.00	28.12 -0.28 0.00	29.26 -0.24 0.00	31.16 -0.19 0.00	34.89 -0.14 0.00	42.15 -0.04 0.00	38.72 0.04 0.00	33.85 0.07 0.00	32.45 0.10 0.00	29.81 0.06 0.00	27.73 0.06 0.00	24.28 0.05 0.00
ROCHESRG_115KV_T4 355643	24.06 0.63 0.00	20.47 0.34 0.00	20.31 0.24 0.00	19.45 0.25 0.00	19.36 0.21 0.00	20.49 0.28 0.00	21.82 0.41 0.00	21.45 0.30 0.00	24.83 0.20 0.00	25.82 0.18 0.00	25.58 0.25 0.00	26.78 0.24 0.00	27.75 0.19 0.00	28.52 0.11 0.00	29.64 0.15 0.00	31.35 0.00 0.00	35.03 0.00 0.00	41.99 -0.21 0.00	38.57 -0.12 0.00	34.33 0.54 0.00	32.64 0.29 0.00	30.17 0.42 0.00	27.92 0.25 0.00	24.72 0.48 0.00
ROCHESTER_9_IC 23652	24.23 0.80 0.00	20.61 0.48 0.00	20.43 0.36 0.00	19.56 0.36 0.00	19.47 0.33 0.00	20.62 0.40 0.00	21.95 0.54 0.00	21.60 0.44 0.00	25.01 0.37 0.00	26.00 0.36 0.00	25.76 0.43 0.00	26.99 0.45 0.00	27.94 0.39 0.00	28.75 0.34 0.00	29.88 0.38 0.00	31.57 0.22 0.00	35.27 0.25 0.00	42.32 0.13 0.00	38.84 0.15 0.00	34.60 0.81 0.00	32.90 0.55 0.00	30.37 0.62 0.00	28.11 0.44 0.00	24.89 0.65 0.00
ROCKVIEW_13_KV_LD 356306	25.05 1.62 0.00	21.28 1.15 0.00	21.13 1.06 0.00	20.14 0.94 0.00	20.08 0.94 0.00	21.16 0.95 0.00	22.74 1.33 0.00	22.76 1.61 0.00	26.76 2.12 0.00	27.95 2.31 0.00	27.66 2.33 0.00	29.00 2.47 0.00	30.15 2.59 0.00	31.05 2.64 0.00	32.06 2.57 0.00	34.26 2.92 0.00	38.32 3.29 0.00	46.25 4.05 0.00	42.05 3.37 0.00	36.32 2.53 0.00	34.81 2.46 0.00	31.95 2.20 0.00	29.91 2.24 0.00	26.02 1.79 0.00
ROME____115KV_TB2 80656	24.13 0.70 0.00	20.63 0.50 0.00	20.53 0.46 0.00	19.66 0.46 0.00	19.57 0.42 0.00	20.72 0.51 0.00	22.14 0.73 0.00	21.93 0.78 0.00	25.52 0.89 0.00	26.54 0.90 0.00	26.14 0.81 0.00	27.44 0.90 0.00	28.49 0.94 0.00	29.68 0.91 -0.36	30.90 1.00 -0.41	32.81 0.97 -0.49	36.83 1.12 -0.68	44.64 1.39 -1.05	41.02 1.47 -0.87	35.83 1.42 -0.62	34.37 1.46 -0.56	31.52 1.34 -0.43	29.08 1.11 -0.30	25.28 0.90 -0.15
ROSETON__1 23587	24.67 1.24 0.00	21.04 0.91 0.00	20.89 0.82 0.00	19.93 0.73 0.00	19.85 0.71 0.00	20.94 0.73 0.00	22.46 1.05 0.00	22.40 1.25 0.00	26.31 1.68 0.00	27.46 1.82 0.00	27.15 1.82 0.00	28.47 1.94 0.00	29.60 2.04 0.00	30.48 2.07 0.00	31.53 2.03 0.00	33.67 2.32 0.00	37.62 2.59 0.00	45.36 3.17 0.00	41.35 2.67 0.00	35.78 1.99 0.00	34.19 1.84 0.00	31.47 1.72 0.00	29.41 1.74 0.00	25.66 1.43 0.00
ROSETON__2 23588	24.67 1.24 0.00	21.04 0.91 0.00	20.89 0.82 0.00	19.93 0.73 0.00	19.85 0.71 0.00	20.94 0.73 0.00	22.46 1.05 0.00	22.40 1.25 0.00	26.31 1.68 0.00	27.46 1.82 0.00	27.15 1.82 0.00	28.47 1.94 0.00	29.60 2.04 0.00	30.48 2.07 0.00	31.53 2.03 0.00	33.67 2.32 0.00	37.62 2.59 0.00	45.36 3.17 0.00	41.35 2.67 0.00	35.78 1.99 0.00	34.19 1.84 0.00	31.47 1.72 0.00	29.41 1.74 0.00	25.66 1.43 0.00
ROTTRDAM_115KV_TB3 80664	24.32 0.89 0.00	20.81 0.68 0.00	20.71 0.64 0.00	19.77 0.58 0.00	19.74 0.59 0.00	20.82 0.61 0.00	22.25 0.84 0.00	22.10 0.95 0.00	25.77 1.13 0.00	26.80 1.15 0.00	26.44 1.11 0.00	27.73 1.19 0.00	28.80 1.24 0.00	29.69 1.28 0.00	30.82 1.33 0.00	32.76 1.41 0.00	36.60 1.58 0.00	44.18 1.98 0.00	40.54 1.86 0.00	35.34 1.55 0.00	33.90 1.55 0.00	31.09 1.34 0.00	28.94 1.27 0.00	25.27 1.04 0.00
RUSSELL__1 23602	24.37 0.94 0.00	20.71 0.58 0.00	20.55 0.48 0.00	19.66 0.46 0.00	19.57 0.42 0.00	20.72 0.51 0.00	22.03 0.62 0.00	21.70 0.55 0.00	25.15 0.52 0.00	26.15 0.51 0.00	25.91 0.58 0.00	27.15 0.61 0.00	28.11 0.55 0.00	28.92 0.51 0.00	30.06 0.56 0.00	31.75 0.41 0.00	35.48 0.46 0.00	42.58 0.38 0.00	39.11 0.43 0.00	34.80 1.01 0.00	33.09 0.74 0.00	30.58 0.83 0.00	28.28 0.61 0.00	25.03 0.80 0.00
RUSSELL__2 23532	24.37 0.94 0.00	20.71 0.58 0.00	20.55 0.48 0.00	19.66 0.46 0.00	19.57 0.42 0.00	20.72 0.51 0.00	22.03 0.62 0.00	21.70 0.55 0.00	25.15 0.52 0.00	26.15 0.51 0.00	25.91 0.58 0.00	27.15 0.61 0.00	28.11 0.55 0.00	28.92 0.51 0.00	30.06 0.56 0.00	31.75 0.41 0.00	35.48 0.46 0.00	42.58 0.38 0.00	39.11 0.43 0.00	34.80 1.01 0.00	33.09 0.74 0.00	30.58 0.83 0.00	28.28 0.61 0.00	25.03 0.80 0.00
RUSSELL__3 23549	24.37 0.94 0.00	20.71 0.58 0.00	20.55 0.48 0.00	19.66 0.46 0.00	19.57 0.42 0.00	20.72 0.51 0.00	22.03 0.62 0.00	21.70 0.55 0.00	25.15 0.52 0.00	26.15 0.51 0.00	25.91 0.58 0.00	27.15 0.61 0.00	28.11 0.55 0.00	28.92 0.51 0.00	30.06 0.56 0.00	31.75 0.41 0.00	35.48 0.46 0.00	42.58 0.38 0.00	39.11 0.43 0.00	34.80 1.01 0.00	33.09 0.74 0.00	30.58 0.83 0.00	28.28 0.61 0.00	25.03 0.80 0.00

RUSSELL___4 23556	24.37 0.94 0.00	20.71 0.58 0.00	20.55 0.48 0.00	19.66 0.46 0.00	19.57 0.42 0.00	20.72 0.51 0.00	22.03 0.62 0.00	21.70 0.55 0.00	25.15 0.52 0.00	26.15 0.51 0.00	25.91 0.58 0.00	27.15 0.61 0.00	28.11 0.55 0.00	28.92 0.51 0.00	30.06 0.56 0.00	31.75 0.41 0.00	35.48 0.46 0.00	42.58 0.38 0.00	39.11 0.43 0.00	34.80 1.01 0.00	33.09 0.74 0.00	30.58 0.83 0.00	28.28 0.61 0.00	25.03 0.80 0.00
RUSSELL___STATION 23914	24.37 0.94 0.00	20.71 0.58 0.00	20.55 0.48 0.00	19.66 0.46 0.00	19.57 0.42 0.00	20.72 0.51 0.00	22.03 0.62 0.00	21.70 0.55 0.00	25.15 0.52 0.00	26.15 0.51 0.00	25.91 0.58 0.00	27.15 0.61 0.00	28.11 0.55 0.00	28.92 0.51 0.00	30.06 0.56 0.00	31.75 0.41 0.00	35.48 0.46 0.00	42.58 0.38 0.00	39.11 0.43 0.00	34.80 1.01 0.00	33.09 0.74 0.00	30.58 0.83 0.00	28.28 0.61 0.00	25.03 0.80 0.00
S SALMON___HYD 24043	23.50 0.07 0.00	20.09 -0.04 0.00	19.99 -0.08 0.00	19.14 -0.06 0.00	19.07 -0.08 0.00	20.17 -0.04 0.00	21.45 0.04 0.00	21.17 0.02 0.00	24.88 0.25 0.00	25.87 0.23 0.00	25.53 0.20 0.00	26.77 0.24 0.00	27.78 0.22 0.00	29.86 -0.23 -1.68	31.21 -0.18 -1.90	33.35 -0.31 -2.31	37.80 -0.42 -3.20	46.63 -0.46 -4.90	42.43 -0.31 -4.05	36.67 -0.03 -2.92	35.15 0.16 -2.64	31.90 0.15 -2.00	29.15 0.06 -1.42	24.96 0.02 -0.71
S.PERRY___115KV_TB1 80734	25.05 1.62 0.00	21.26 1.13 0.00	21.07 1.00 0.00	20.16 0.96 0.00	20.06 0.92 0.00	21.28 1.07 0.00	22.72 1.31 0.00	22.23 1.08 0.00	25.52 0.89 0.00	26.41 0.77 0.00	25.96 0.63 0.00	27.09 0.56 0.00	28.08 0.52 0.00	28.89 0.48 0.00	30.23 0.74 0.00	31.94 0.60 0.00	35.87 0.84 0.00	43.21 1.01 0.00	40.12 1.43 0.00	35.91 2.13 0.00	34.26 1.91 0.00	31.65 1.90 0.00	29.22 1.55 0.00	25.86 1.62 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.37 0.94 0.00	20.67 0.54 0.00	20.49 0.42 0.00	19.62 0.42 0.00	19.51 0.36 0.00	20.70 0.49 0.00	22.05 0.64 0.00	21.53 0.38 0.00	24.86 0.22 0.00	25.80 0.15 0.00	25.58 0.25 0.00	26.75 0.21 0.00	27.70 0.14 0.00	28.47 0.06 0.00	29.58 0.09 0.00	31.19 -0.16 0.00	34.85 -0.18 0.00	41.61 -0.59 0.00	38.22 -0.46 0.00	34.33 0.54 0.00	32.51 0.16 0.00	30.23 0.48 0.00	27.86 0.19 0.00	24.93 0.70 0.00
SAWYER___23_KV_LOAD 55526	24.37 0.94 0.00	20.67 0.54 0.00	20.49 0.42 0.00	19.62 0.42 0.00	19.51 0.36 0.00	20.70 0.49 0.00	22.05 0.64 0.00	21.53 0.38 0.00	24.86 0.22 0.00	25.80 0.15 0.00	25.58 0.25 0.00	26.75 0.21 0.00	27.70 0.14 0.00	28.47 0.06 0.00	29.58 0.09 0.00	31.19 -0.16 0.00	34.85 -0.18 0.00	41.61 -0.59 0.00	38.22 -0.46 0.00	34.33 0.54 0.00	32.51 0.16 0.00	30.23 0.48 0.00	27.86 0.19 0.00	24.93 0.70 0.00
SELKIRK___I 23801	24.23 0.80 0.00	20.75 0.62 0.00	20.63 0.56 0.00	19.72 0.52 0.00	19.66 0.52 0.00	20.74 0.52 0.00	22.18 0.77 0.00	22.02 0.87 0.00	25.67 1.03 0.00	26.67 1.03 0.00	26.29 0.96 0.00	27.57 1.03 0.00	28.69 1.13 0.00	29.60 1.19 0.00	30.70 1.21 0.00	32.63 1.29 0.00	36.43 1.40 0.00	43.93 1.73 0.00	40.27 1.59 0.00	35.10 1.32 0.00	33.61 1.26 0.00	30.88 1.13 0.00	28.75 1.08 0.00	25.15 0.92 0.00
SELKIRK___II 23799	24.08 0.66 0.00	20.63 0.50 0.00	20.49 0.42 0.00	19.58 0.38 0.00	19.53 0.38 0.00	20.59 0.38 0.00	22.05 0.64 0.00	21.89 0.74 0.00	25.52 0.89 0.00	26.54 0.90 0.00	26.22 0.89 0.00	27.46 0.93 0.00	28.58 1.02 0.00	29.46 1.05 0.00	30.56 1.06 0.00	32.51 1.16 0.00	36.28 1.26 0.00	43.76 1.56 0.00	40.12 1.43 0.00	34.90 1.11 0.00	33.38 1.03 0.00	30.70 0.95 0.00	28.58 0.91 0.00	25.01 0.78 0.00
SENECA OSWGO___HYD 24041	23.31 -0.12 0.00	19.93 -0.20 0.00	19.83 -0.24 0.00	18.99 -0.21 0.00	18.94 -0.21 0.00	19.99 -0.22 0.00	21.28 -0.13 0.00	20.98 -0.17 0.00	24.88 0.25 0.00	25.92 0.28 0.00	25.61 0.28 0.00	26.83 0.29 0.00	27.86 0.30 0.00	30.42 -0.34 -2.35	31.83 -0.32 -2.66	34.18 -0.41 -3.25	39.09 -0.42 -4.48	48.52 -0.55 -6.87	43.90 -0.46 -5.68	37.61 -0.27 -4.10	35.85 -0.19 -3.70	32.35 -0.21 -2.81	29.41 -0.25 -1.99	25.03 -0.19 -0.99
SENECA___115KV_TB3 355854	24.58 1.15 0.00	20.85 0.72 0.00	20.67 0.60 0.00	19.79 0.60 0.00	19.68 0.54 0.00	20.88 0.67 0.00	22.27 0.86 0.00	21.79 0.63 0.00	25.15 0.52 0.00	26.10 0.46 0.00	25.89 0.56 0.00	27.07 0.53 0.00	28.00 0.44 0.00	28.84 0.43 0.00	29.97 0.47 0.00	31.60 0.25 0.00	35.34 0.32 0.00	42.20 0.00 0.00	38.76 0.08 0.00	34.76 0.98 0.00	32.93 0.58 0.00	30.58 0.83 0.00	28.20 0.53 0.00	25.22 0.99 0.00
SENECA___ENERGY 23797	23.78 0.35 0.00	20.25 0.12 0.00	20.11 0.04 0.00	19.24 0.04 0.00	19.22 0.08 0.00	20.33 0.12 0.00	21.71 0.30 0.00	21.43 0.27 0.00	24.83 0.20 0.00	25.82 0.18 0.00	25.56 0.23 0.00	26.77 0.24 0.00	27.78 0.22 0.00	29.58 0.20 -0.97	30.86 0.26 -1.10	32.85 0.16 -1.34	37.09 0.21 -1.86	45.21 0.17 -2.84	41.27 0.23 -2.35	35.99 0.51 -1.69	34.30 0.42 -1.53	31.36 0.45 -1.16	28.77 0.28 -0.83	24.96 0.31 -0.41
SHOEMAKER___GT 23640	24.51 1.08 0.00	20.94 0.81 0.00	20.79 0.72 0.00	19.85 0.65 0.00	19.74 0.59 0.00	20.86 0.65 0.00	22.29 0.88 0.00	22.21 1.06 0.00	26.02 1.38 0.00	27.13 1.49 0.00	26.82 1.49 0.00	28.13 1.59 0.00	29.24 1.68 0.00	30.11 1.70 0.00	31.18 1.68 0.00	33.29 1.94 0.00	37.27 2.24 0.00	44.90 2.70 0.00	40.97 2.28 0.00	35.54 1.76 0.00	33.97 1.62 0.00	31.27 1.52 0.00	29.16 1.49 0.00	25.44 1.21 0.00
SHOEMAKR_138KV_BK 111 55601	24.51 1.08 0.00	20.91 0.79 0.00	20.77 0.70 0.00	19.83 0.63 0.00	19.78 0.63 0.00	20.84 0.63 0.00	22.31 0.90 0.00	22.21 1.06 0.00	26.04 1.40 0.00	27.15 1.51 0.00	26.85 1.52 0.00	28.16 1.62 0.00	29.27 1.71 0.00	30.14 1.73 0.00	31.21 1.71 0.00	33.32 1.97 0.00	37.27 2.24 0.00	44.94 2.74 0.00	41.01 2.32 0.00	35.54 1.76 0.00	34.06 1.71 0.00	31.27 1.52 0.00	29.19 1.52 0.00	25.44 1.21 0.00
SHOREHAM_IC_1 23715	26.78 3.00 -0.35	22.47 2.33 -0.01	22.11 2.05 0.00	21.02 1.82 0.00	20.81 1.66 0.00	22.01 1.80 0.00	23.34 1.93 0.00	23.20 2.05 0.00	27.85 3.08 -0.13	28.76 3.10 -0.01	30.21 2.74 -2.14	30.35 2.84 -0.98	30.69 2.98 -0.16	31.62 3.01 -0.20	32.72 3.10 -0.13	36.22 3.60 -1.27	41.31 4.27 -2.01	69.82 5.15 -22.47	50.05 4.45 -6.92	37.25 3.45 -0.02	35.53 3.17 -0.01	32.48 2.74 0.00	30.33 2.66 0.00	26.67 2.42 -0.02
SHOREHAM_IC_2 23716	26.78 3.00 -0.35	22.47 2.33 -0.01	22.11 2.05 0.00	21.02 1.82 0.00	20.81 1.66 0.00	22.01 1.80 0.00	23.34 1.93 0.00	23.20 2.05 0.00	27.85 3.08 -0.13	28.76 3.10 -0.01	30.21 2.74 -2.14	30.35 2.84 -0.98	30.69 2.98 -0.16	31.62 3.01 -0.20	32.72 3.10 -0.13	36.22 3.60 -1.27	41.31 4.27 -2.01	69.82 5.15 -22.47	50.05 4.45 -6.92	37.25 3.45 -0.02	35.53 3.17 -0.01	32.48 2.74 0.00	30.33 2.66 0.00	26.67 2.42 -0.02

SISSONVILLE____ 23735	22.87 -0.56 0.00	19.79 -0.34 0.00	19.83 -0.24 0.00	19.01 -0.19 0.00	18.92 -0.23 0.00	19.97 -0.24 0.00	20.94 -0.47 0.00	20.39 -0.76 0.00	23.63 -1.01 0.00	24.51 -1.13 0.00	24.16 -1.17 0.00	25.32 -1.22 0.00	26.29 -1.27 0.00	27.33 -1.31 -0.22	28.48 -1.27 -0.25	30.25 -1.41 -0.31	33.77 -1.68 -0.43	40.79 -2.07 -0.66	37.49 -1.74 -0.54	32.69 -1.49 -0.39	31.38 -1.33 -0.35	28.95 -1.07 -0.27	27.09 -0.77 -0.19	23.77 -0.56 -0.09
SITHE_IND_GS1 24169	22.96 -0.47 0.00	19.65 -0.48 0.00	19.57 -0.50 0.00	18.74 -0.46 0.00	18.69 -0.46 0.00	19.73 -0.49 0.00	20.96 -0.45 0.00	20.62 -0.53 0.00	23.97 -0.66 0.00	24.92 -0.72 0.00	24.65 -0.68 0.00	25.79 -0.74 0.00	26.76 -0.80 0.00	20.79 -0.82 6.79	20.99 -0.83 7.68	21.06 -0.91 9.38	21.06 -1.02 12.95	21.12 -1.23 19.85	21.15 -1.12 16.41	21.11 -0.84 11.83	20.86 -0.81 10.68	20.90 -0.74 8.11	21.16 -0.75 5.76	20.73 -0.63 2.87
SITHE_IND_GS2 24170	22.96 -0.47 0.00	19.65 -0.48 0.00	19.57 -0.50 0.00	18.74 -0.46 0.00	18.69 -0.46 0.00	19.73 -0.49 0.00	20.96 -0.45 0.00	20.62 -0.53 0.00	23.97 -0.66 0.00	24.92 -0.72 0.00	24.65 -0.68 0.00	25.79 -0.74 0.00	26.76 -0.80 0.00	20.79 -0.82 6.79	20.99 -0.83 7.68	21.06 -0.91 9.38	21.06 -1.02 12.95	21.12 -1.23 19.85	21.15 -1.12 16.41	21.11 -0.84 11.83	20.86 -0.81 10.68	20.90 -0.74 8.11	21.16 -0.75 5.76	20.73 -0.63 2.87
SITHE_IND_GS3 24171	22.96 -0.47 0.00	19.65 -0.48 0.00	19.57 -0.50 0.00	18.74 -0.46 0.00	18.69 -0.46 0.00	19.73 -0.49 0.00	20.96 -0.45 0.00	20.62 -0.53 0.00	23.97 -0.66 0.00	24.92 -0.72 0.00	24.65 -0.68 0.00	25.79 -0.74 0.00	26.76 -0.80 0.00	20.79 -0.82 6.79	20.99 -0.83 7.68	21.06 -0.91 9.38	21.06 -1.02 12.95	21.12 -1.23 19.85	21.15 -1.12 16.41	21.11 -0.84 11.83	20.86 -0.81 10.68	20.90 -0.74 8.11	21.16 -0.75 5.76	20.73 -0.63 2.87
SITHE_IND_GS4 24172	22.96 -0.47 0.00	19.65 -0.48 0.00	19.57 -0.50 0.00	18.74 -0.46 0.00	18.69 -0.46 0.00	19.73 -0.49 0.00	20.96 -0.45 0.00	20.62 -0.53 0.00	23.97 -0.66 0.00	24.92 -0.72 0.00	24.65 -0.68 0.00	25.79 -0.74 0.00	26.76 -0.80 0.00	20.79 -0.82 6.79	20.99 -0.83 7.68	21.06 -0.91 9.38	21.06 -1.02 12.95	21.12 -1.23 19.85	21.15 -1.12 16.41	21.11 -0.84 11.83	20.86 -0.81 10.68	20.90 -0.74 8.11	21.16 -0.75 5.76	20.73 -0.63 2.87
SITHE____BATAVIA 24024	24.79 1.36 0.00	20.96 0.83 0.00	20.81 0.74 0.00	19.91 0.71 0.00	19.89 0.75 0.00	21.02 0.81 0.00	22.48 1.07 0.00	22.02 0.87 0.00	25.42 0.79 0.00	26.39 0.74 0.00	26.14 0.81 0.00	27.33 0.80 0.00	28.27 0.72 0.00	29.03 0.62 0.00	30.17 0.68 0.00	31.85 0.50 0.00	35.58 0.56 0.00	42.74 0.55 0.00	39.19 0.50 0.00	35.24 1.45 0.00	33.77 1.42 0.00	30.94 1.19 0.00	28.61 0.94 0.00	25.44 1.21 0.00
SITHE____INDEPEND 23800	22.96 -0.47 0.00	19.67 -0.46 0.00	19.57 -0.50 0.00	18.74 -0.46 0.00	18.67 -0.48 0.00	19.73 -0.49 0.00	20.96 -0.45 0.00	20.62 -0.53 0.00	23.97 -0.67 0.00	24.92 -0.72 0.00	24.65 -0.68 0.00	25.79 -0.74 0.00	26.76 -0.80 0.00	20.82 -0.80 6.79	20.99 -0.83 7.68	21.06 -0.91 9.38	21.06 -1.02 12.95	21.08 -1.27 19.85	21.15 -1.12 16.41	21.11 -0.84 11.83	20.79 -0.87 10.68	20.90 -0.74 8.11	21.16 -0.75 5.76	20.73 -0.63 2.87
SITHE____MASSENA 23902	22.96 -0.47 0.00	19.91 -0.22 0.00	19.93 -0.14 0.00	19.08 -0.11 0.00	19.05 -0.10 0.00	20.07 -0.14 0.00	21.05 -0.36 0.00	20.60 -0.55 0.00	23.95 -0.69 0.00	24.92 -0.72 0.00	24.59 -0.74 0.00	25.77 -0.77 0.00	26.76 -0.80 0.00	27.61 -0.80 0.00	28.73 -0.77 0.00	30.53 -0.82 0.00	34.05 -0.98 0.00	40.93 -1.26 0.00	37.64 -1.04 0.00	32.91 -0.88 0.00	31.54 -0.81 0.00	29.04 -0.71 0.00	27.06 -0.61 0.00	23.75 -0.48 0.00
SITHE____OGDNSBRG 24021	23.12 -0.30 0.00	20.03 -0.10 0.00	20.07 0.00 0.00	19.24 0.04 0.00	19.15 0.00 0.00	20.23 0.02 0.00	21.18 -0.24 0.00	20.71 -0.44 0.00	24.00 -0.64 0.00	24.95 -0.69 0.00	24.60 -0.73 0.00	25.79 -0.74 0.00	26.79 -0.77 0.00	27.61 -0.80 0.00	28.79 -0.71 0.00	30.53 -0.81 0.00	34.05 -0.98 0.00	40.97 -1.22 0.00	37.76 -0.93 0.00	33.04 -0.74 0.00	31.77 -0.58 0.00	29.24 -0.51 0.00	27.28 -0.39 0.00	23.94 -0.29 0.00
SITHE____STERLING 23777	23.99 0.56 0.00	20.51 0.38 0.00	20.41 0.34 0.00	19.54 0.35 0.00	19.53 0.38 0.00	20.59 0.38 0.00	22.01 0.60 0.00	21.78 0.63 0.00	25.33 0.69 0.00	26.36 0.72 0.00	25.96 0.63 0.00	27.25 0.72 0.00	28.30 0.74 0.00	29.51 0.71 -0.39	30.73 0.80 -0.44	32.66 0.78 -0.53	36.67 0.91 -0.74	44.47 1.14 -1.13	40.78 1.16 -0.94	35.61 1.15 -0.67	34.12 1.16 -0.61	31.25 1.04 -0.46	28.86 0.86 -0.33	25.10 0.70 -0.16
SLEIGHT__34_KV_TB1 80719	24.25 0.82 0.00	20.67 0.54 0.00	20.49 0.42 0.00	19.60 0.40 0.00	19.55 0.40 0.00	20.74 0.53 0.00	22.16 0.75 0.00	21.93 0.78 0.00	25.47 0.84 0.00	26.51 0.87 0.00	26.27 0.94 0.00	27.54 1.01 0.00	28.55 0.99 0.00	30.19 0.99 -0.79	31.47 1.09 -0.89	33.46 1.03 -1.08	37.71 1.19 -1.50	45.84 1.35 -2.29	41.90 1.32 -1.90	36.61 1.45 -1.37	34.81 1.23 -1.23	31.88 1.19 -0.94	29.30 0.97 -0.67	25.44 0.87 -0.33
SOUTH CAIRO____GT 23612	24.67 1.24 0.00	21.08 0.95 0.00	20.91 0.84 0.00	20.00 0.81 0.00	19.95 0.80 0.00	21.04 0.83 0.00	22.55 1.13 0.00	22.31 1.16 0.00	25.99 1.35 0.00	26.85 1.21 0.00	26.55 1.22 0.00	27.84 1.30 0.00	29.10 1.54 0.00	30.00 1.59 0.00	31.26 1.77 0.00	33.16 1.82 0.00	37.13 2.10 0.00	44.90 2.70 0.00	41.32 2.63 0.00	36.18 2.40 0.00	34.61 2.26 0.00	31.68 1.93 0.00	29.36 1.69 0.00	25.61 1.38 0.00
SOUTH HAMPTN____IC 23720	27.23 3.45 -0.35	22.85 2.72 -0.01	22.47 2.41 0.00	21.35 2.15 0.00	21.12 1.97 0.00	22.38 2.16 0.00	23.73 2.31 0.00	23.67 2.52 0.00	28.39 3.62 -0.13	29.40 3.74 -0.01	30.94 3.47 -2.14	31.15 3.64 -0.98	31.52 3.80 -0.16	32.47 3.86 -0.20	33.60 3.98 -0.13	37.20 4.58 -1.27	42.40 5.36 -2.01	70.71 6.46 -22.06	51.21 5.61 -6.92	38.22 4.42 -0.02	36.40 4.04 -0.01	33.26 3.51 0.00	30.99 3.32 0.00	27.23 2.98 -0.02
SOUTHDOW_115KV_TB1 355954	24.83 1.41 0.00	21.10 0.97 0.00	20.91 0.84 0.00	20.00 0.81 0.00	19.95 0.80 0.00	21.18 0.97 0.00	22.63 1.22 0.00	22.17 1.02 0.00	25.57 0.94 0.00	26.72 1.08 0.00	26.50 1.17 0.00	27.68 1.14 0.00	28.60 1.05 0.00	29.43 1.02 0.00	30.62 1.12 0.00	32.29 0.94 0.00	36.15 1.12 0.00	43.25 1.05 0.00	39.69 1.01 0.00	35.47 1.69 0.00	33.61 1.26 0.00	31.21 1.46 0.00	28.78 1.11 0.00	25.69 1.45 0.00
SOUTHOLD_69_KV_BK 2 55809	27.76 3.98 -0.35	23.31 3.18 0.00	22.94 2.87 0.00	21.79 2.59 0.00	21.73 2.58 0.00	22.84 2.63 0.00	24.20 2.78 0.00	24.15 3.00 0.00	29.05 4.29 -0.13	30.11 4.46 -0.01	31.68 4.20 -2.14	31.97 4.46 -0.98	32.34 4.63 -0.16	33.39 4.77 -0.20	34.55 4.93 -0.13	38.23 5.61 -1.27	43.59 6.55 -2.01	72.20 7.93 -22.07	52.53 6.92 -6.92	39.34 5.54 -0.02	37.46 5.11 0.00	34.12 4.37 0.00	31.79 4.12 0.00	27.83 3.59 -0.02

SOUTHOLD___IC 23719	27.76 3.98 -0.35	23.32 3.18 -0.01	22.94 2.87 0.00	21.79 2.59 0.00	21.50 2.35 0.00	22.84 2.63 0.00	24.19 2.78 0.00	24.15 3.00 0.00	29.03 4.26 -0.13	30.12 4.46 -0.01	31.68 4.21 -2.14	31.97 4.46 -0.98	32.37 4.66 -0.16	33.38 4.77 -0.20	34.55 4.93 -0.13	38.23 5.61 -1.27	43.59 6.55 -2.01	72.15 7.89 -22.07	52.53 6.92 -6.92	39.31 5.51 -0.02	37.40 5.04 -0.01	34.12 4.37 0.00	31.71 4.04 0.00	27.83 3.59 -0.02
SPIERFLS_115KV_TB 1 80737	24.48 1.05 0.00	20.93 0.81 0.00	20.81 0.74 0.00	19.87 0.67 0.00	19.82 0.67 0.00	20.94 0.73 0.00	22.33 0.92 0.00	22.27 1.12 0.00	25.94 1.31 0.00	26.95 1.31 0.00	26.34 1.01 0.00	27.68 1.14 0.00	28.60 1.05 0.00	29.43 1.02 0.00	30.67 1.18 0.00	32.47 1.13 0.00	36.29 1.26 0.00	43.93 1.73 0.00	40.70 2.01 0.00	35.68 1.89 0.00	34.32 1.97 0.00	31.56 1.81 0.00	29.27 1.60 0.00	25.49 1.26 0.00
ST LAWRENCE___ 23600	22.75 -0.68 0.00	19.73 -0.40 0.00	19.74 -0.32 0.00	18.91 -0.29 0.00	18.88 -0.27 0.00	19.91 -0.30 0.00	20.86 -0.56 0.00	20.52 -0.63 0.00	23.87 -0.76 0.00	24.85 -0.80 0.00	24.54 -0.79 0.00	25.69 -0.85 0.00	26.70 -0.85 0.00	27.56 -0.85 0.00	28.64 -0.86 0.00	30.41 -0.94 0.00	33.94 -1.09 0.00	40.84 -1.35 0.00	37.53 -1.16 0.00	32.77 -1.01 0.00	31.41 -0.94 0.00	28.89 -0.86 0.00	26.90 -0.77 0.00	23.58 -0.65 0.00
STATE_CA_115KV_115_LB 55624	24.08 0.66 0.00	20.61 0.48 0.00	20.49 0.42 0.00	19.56 0.36 0.00	19.55 0.40 0.00	20.60 0.38 0.00	22.08 0.66 0.00	21.91 0.76 0.00	25.55 0.91 0.00	26.56 0.92 0.00	26.22 0.89 0.00	27.52 0.98 0.00	28.60 1.05 0.00	29.52 1.11 0.00	30.65 1.15 0.00	32.57 1.22 0.00	36.32 1.30 0.00	43.84 1.65 0.00	40.19 1.51 0.00	35.00 1.22 0.00	33.55 1.20 0.00	30.76 1.01 0.00	28.61 0.94 0.00	25.03 0.80 0.00
STATE_ST_34_KV_LOAD 55959	24.04 0.61 0.00	20.51 0.38 0.00	20.37 0.30 0.00	19.49 0.29 0.00	19.43 0.29 0.00	20.58 0.36 0.00	21.80 0.39 0.00	21.53 0.38 0.00	25.03 0.39 0.00	26.03 0.38 0.00	25.74 0.41 0.00	27.01 0.48 0.00	28.00 0.44 0.00	30.03 0.45 -1.17	31.35 0.53 -1.32	33.46 0.50 -1.61	37.81 0.56 -2.23	46.28 0.68 -3.41	42.16 0.66 -2.82	36.59 0.78 -2.03	34.80 0.61 -1.84	31.80 0.65 -1.39	29.13 0.47 -0.99	25.14 0.41 -0.49
STATION 5_MISC_HYD 23604	24.25 0.82 0.00	20.57 0.44 0.00	20.43 0.36 0.00	19.56 0.36 0.00	19.51 0.36 0.00	20.62 0.40 0.00	21.95 0.54 0.00	21.60 0.44 0.00	25.01 0.37 0.00	26.00 0.36 0.00	25.76 0.43 0.00	26.99 0.45 0.00	27.94 0.39 0.00	28.72 0.31 0.00	29.88 0.38 0.00	31.57 0.22 0.00	35.27 0.25 0.00	42.37 0.17 0.00	38.84 0.16 0.00	34.59 0.81 0.00	33.12 0.78 0.00	30.38 0.63 0.00	28.14 0.47 0.00	24.89 0.65 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.11 0.68 0.00	20.53 0.40 0.00	20.35 0.28 0.00	19.49 0.29 0.00	19.39 0.25 0.00	20.56 0.34 0.00	21.95 0.54 0.00	21.64 0.49 0.00	25.10 0.47 0.00	26.10 0.46 0.00	25.86 0.53 0.00	27.09 0.56 0.00	28.05 0.50 0.00	29.11 0.45 -0.24	30.30 0.53 -0.27	32.09 0.41 -0.34	35.94 0.46 -0.46	43.33 0.42 -0.71	39.74 0.46 -0.59	35.09 0.88 -0.42	33.41 0.68 -0.38	30.78 0.74 -0.29	28.43 0.55 -0.21	24.96 0.63 -0.10
STA_56_34_KV_BUS2_REV_LBMP_B 345033	24.04 0.61 0.00	20.45 0.32 0.00	20.29 0.22 0.00	19.41 0.21 0.00	19.32 0.17 0.00	20.47 0.26 0.00	21.78 0.36 0.00	21.45 0.30 0.00	24.86 0.22 0.00	25.87 0.23 0.00	25.63 0.30 0.00	26.85 0.32 0.00	27.81 0.25 0.00	28.61 0.20 0.00	29.73 0.24 0.00	31.44 0.09 0.00	35.13 0.11 0.00	42.15 -0.04 0.00	38.68 0.00 0.00	34.39 0.61 0.00	32.70 0.36 0.00	30.20 0.45 0.00	27.95 0.28 0.00	24.69 0.46 0.00
STA_56___34_KV_BUS2 355983	24.04 0.61 0.00	20.45 0.32 0.00	20.29 0.22 0.00	19.41 0.21 0.00	19.32 0.17 0.00	20.47 0.26 0.00	21.78 0.36 0.00	21.45 0.30 0.00	24.86 0.22 0.00	25.87 0.23 0.00	25.63 0.30 0.00	26.85 0.32 0.00	27.81 0.25 0.00	28.61 0.20 0.00	29.73 0.24 0.00	31.44 0.09 0.00	35.13 0.11 0.00	42.15 -0.04 0.00	38.68 0.00 0.00	34.39 0.61 0.00	32.70 0.36 0.00	30.20 0.45 0.00	27.95 0.28 0.00	24.69 0.46 0.00
STA_67___115KV_BK2 355882	24.18 0.75 0.00	20.55 0.42 0.00	20.39 0.32 0.00	19.52 0.33 0.00	19.41 0.27 0.00	20.58 0.36 0.00	21.88 0.47 0.00	21.53 0.38 0.00	24.93 0.30 0.00	25.92 0.28 0.00	25.68 0.35 0.00	26.91 0.37 0.00	27.86 0.30 0.00	28.66 0.26 0.00	29.79 0.29 0.00	31.47 0.13 0.00	35.17 0.14 0.00	42.20 0.00 0.00	38.72 0.04 0.00	34.49 0.71 0.00	32.80 0.45 0.00	30.31 0.57 0.00	28.03 0.36 0.00	24.81 0.58 0.00
STA_7___115KV_9TRANS 80674	24.37 0.94 0.00	20.71 0.58 0.00	20.55 0.48 0.00	19.66 0.46 0.00	19.57 0.42 0.00	20.72 0.51 0.00	22.03 0.62 0.00	21.70 0.55 0.00	25.15 0.52 0.00	26.15 0.51 0.00	25.91 0.58 0.00	27.15 0.61 0.00	28.11 0.55 0.00	28.92 0.51 0.00	30.06 0.56 0.00	31.75 0.41 0.00	35.48 0.46 0.00	42.58 0.38 0.00	39.11 0.43 0.00	34.80 1.01 0.00	33.09 0.74 0.00	30.58 0.83 0.00	28.28 0.61 0.00	25.03 0.80 0.00
STA_82___115KV_TB1 80780	24.18 0.75 0.00	20.57 0.44 0.00	20.41 0.34 0.00	19.52 0.33 0.00	19.43 0.29 0.00	20.60 0.38 0.00	21.90 0.49 0.00	21.55 0.40 0.00	24.96 0.32 0.00	25.95 0.31 0.00	25.71 0.38 0.00	26.93 0.40 0.00	27.89 0.33 0.00	28.69 0.28 0.00	29.79 0.29 0.00	31.50 0.16 0.00	35.20 0.18 0.00	42.20 0.00 0.00	38.76 0.08 0.00	34.49 0.71 0.00	32.80 0.45 0.00	30.31 0.57 0.00	28.06 0.39 0.00	24.84 0.61 0.00
STEEL___WIND 323596	24.60 1.17 0.00	20.79 0.66 0.00	20.65 0.58 0.00	19.77 0.58 0.00	19.76 0.61 0.00	20.88 0.67 0.00	22.27 0.86 0.00	21.76 0.61 0.00	25.13 0.49 0.00	26.08 0.44 0.00	25.86 0.53 0.00	27.04 0.50 0.00	27.97 0.41 0.00	28.75 0.34 0.00	29.94 0.44 0.00	31.57 0.22 0.00	35.30 0.28 0.00	42.28 0.08 0.00	38.72 0.04 0.00	34.76 0.98 0.00	33.25 0.90 0.00	30.55 0.80 0.00	28.22 0.55 0.00	25.20 0.97 0.00
STEPHTWN_115KV_BK_2 55603	24.18 0.75 0.00	20.67 0.54 0.00	20.53 0.46 0.00	19.62 0.42 0.00	19.61 0.46 0.00	20.66 0.44 0.00	22.16 0.75 0.00	22.00 0.85 0.00	25.65 1.01 0.00	26.67 1.03 0.00	26.32 0.99 0.00	27.62 1.09 0.00	28.72 1.16 0.00	29.63 1.22 0.00	30.79 1.30 0.00	32.72 1.38 0.00	36.53 1.51 0.00	44.10 1.90 0.00	40.43 1.74 0.00	35.20 1.42 0.00	33.77 1.42 0.00	30.94 1.19 0.00	28.80 1.13 0.00	25.15 0.92 0.00
STEUBEN_REC_LFGE 323667	24.83 1.41 0.00	21.10 0.97 0.00	20.89 0.82 0.00	20.00 0.81 0.00	19.91 0.77 0.00	21.14 0.93 0.00	22.63 1.22 0.00	22.23 1.08 0.00	25.67 1.03 0.00	26.62 0.97 0.00	26.32 0.99 0.00	27.54 1.01 0.00	28.52 0.96 0.00	29.69 0.94 -0.34	30.97 1.09 -0.38	32.72 0.91 -0.47	36.86 1.19 -0.65	44.41 1.22 -0.99	40.78 1.28 -0.82	36.20 1.82 -0.59	34.34 1.46 -0.53	31.76 1.61 -0.41	29.18 1.22 -0.29	25.80 1.43 -0.14

STONY___BROOK 24151	26.59 2.81 -0.35	22.33 2.19 -0.01	21.97 1.91 0.00	20.87 1.67 0.00	20.66 1.51 0.00	21.89 1.68 0.00	23.34 1.93 0.00	23.35 2.20 0.00	27.85 3.08 -0.13	28.91 3.26 -0.01	30.51 3.04 -2.14	30.67 3.16 -0.98	31.02 3.31 -0.16	31.91 3.29 -0.20	33.01 3.39 -0.13	36.51 3.89 -1.27	41.59 4.55 -2.01	72.16 5.53 -24.43	50.38 4.76 -6.94	37.52 3.72 -0.02	35.78 3.43 -0.01	32.72 2.97 0.00	30.57 2.90 0.00	26.91 2.67 -0.02
STURGEON_POOL_HYD 23609	24.67 1.24 0.00	21.04 0.91 0.00	20.87 0.80 0.00	19.93 0.73 0.00	19.85 0.71 0.00	20.90 0.69 0.00	22.48 1.07 0.00	22.42 1.27 0.00	26.19 1.55 0.00	27.31 1.67 0.00	27.05 1.72 0.00	28.34 1.80 0.00	29.49 1.93 0.00	30.34 1.93 0.00	31.38 1.89 0.00	33.54 2.19 0.00	37.51 2.49 0.00	45.24 3.04 0.00	41.24 2.55 0.00	35.68 1.89 0.00	34.19 1.84 0.00	31.42 1.67 0.00	29.36 1.69 0.00	25.59 1.36 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.60 1.17 0.00	20.95 0.83 0.00	20.81 0.74 0.00	19.87 0.67 0.00	19.83 0.69 0.00	20.88 0.67 0.00	22.42 1.01 0.00	22.36 1.21 0.00	26.24 1.60 0.00	27.36 1.72 0.00	27.08 1.75 0.00	28.39 1.86 0.00	29.51 1.96 0.00	30.40 1.99 0.00	31.47 1.98 0.00	33.60 2.26 0.00	37.62 2.59 0.00	45.36 3.16 0.00	41.32 2.63 0.00	35.78 1.99 0.00	34.26 1.91 0.00	31.45 1.70 0.00	29.39 1.72 0.00	25.61 1.38 0.00
SWANROAD_115KV_TB1 355699	23.94 0.52 0.00	20.31 0.18 0.00	20.13 0.06 0.00	19.27 0.08 0.00	19.16 0.02 0.00	20.33 0.12 0.00	21.78 0.36 0.00	21.13 -0.02 0.00	24.39 -0.25 0.00	25.28 -0.36 0.00	25.08 -0.25 0.00	26.22 -0.32 0.00	27.14 -0.41 0.00	27.87 -0.54 0.00	28.96 -0.53 0.00	30.53 -0.81 0.00	34.08 -0.95 0.00	40.68 -1.52 0.00	37.37 -1.32 0.00	33.65 -0.14 0.00	31.86 -0.49 0.00	29.63 -0.12 0.00	27.34 -0.33 0.00	24.47 0.24 0.00
SYNERGY___BIOGAS 323694	24.79 1.36 0.00	20.96 0.83 0.00	20.81 0.74 0.00	19.91 0.71 0.00	19.89 0.75 0.00	21.02 0.81 0.00	22.48 1.07 0.00	22.02 0.87 0.00	25.42 0.79 0.00	26.39 0.74 0.00	26.14 0.81 0.00	27.33 0.80 0.00	28.27 0.72 0.00	29.03 0.62 0.00	30.17 0.68 0.00	31.85 0.50 0.00	35.58 0.56 0.00	42.74 0.55 0.00	39.19 0.50 0.00	35.24 1.45 0.00	33.77 1.42 0.00	30.94 1.19 0.00	28.61 0.94 0.00	25.44 1.21 0.00
SYRACUSE___ENERGY_ST1 323597	23.57 0.14 0.00	20.15 0.02 0.00	20.03 -0.04 0.00	19.16 -0.04 0.00	19.11 -0.04 0.00	20.21 0.00 0.00	21.52 0.11 0.00	21.24 0.08 0.00	24.76 0.12 0.00	25.77 0.13 0.00	25.48 0.15 0.00	26.70 0.16 0.00	27.70 0.14 0.00	29.75 0.03 -1.31	31.06 0.09 -1.48	33.18 0.03 -1.81	37.56 0.04 -2.49	46.02 0.00 -3.82	41.89 0.04 -3.16	36.23 0.17 -2.28	34.50 0.10 -2.06	31.43 0.12 -1.56	28.84 0.06 -1.11	24.86 0.07 -0.55
SYRACUSE___ENERGY_ST2 323598	23.57 0.14 0.00	20.15 0.02 0.00	20.03 -0.04 0.00	19.16 -0.04 0.00	19.11 -0.04 0.00	20.21 0.00 0.00	21.52 0.11 0.00	21.24 0.08 0.00	24.76 0.12 0.00	25.77 0.13 0.00	25.48 0.15 0.00	26.70 0.16 0.00	27.70 0.14 0.00	29.75 0.03 -1.31	31.06 0.09 -1.48	33.18 0.03 -1.81	37.56 0.04 -2.49	46.02 0.00 -3.82	41.89 0.04 -3.16	36.23 0.17 -2.28	34.50 0.10 -2.06	31.43 0.12 -1.56	28.84 0.06 -1.11	24.86 0.07 -0.55
SYRACUSE___POWER 24017	23.52 0.09 0.00	20.11 -0.02 0.00	19.99 -0.08 0.00	19.12 -0.08 0.00	19.07 -0.08 0.00	20.15 -0.06 0.00	21.48 0.06 0.00	21.19 0.04 0.00	24.66 0.02 0.00	25.67 0.03 0.00	25.36 0.03 0.00	26.54 0.00 0.00	27.56 0.00 0.00	29.24 -0.03 -0.86	30.46 0.00 -0.97	32.46 -0.06 -1.18	36.62 -0.04 -1.63	44.62 -0.08 -2.50	40.72 -0.04 -2.07	35.38 0.10 -1.49	33.70 0.00 -1.35	30.83 0.06 -1.02	28.37 -0.03 -0.73	24.59 0.00 -0.36
TALLMAN___138KV_BK151 55660	24.79 1.36 0.00	21.10 0.97 0.00	20.95 0.88 0.00	19.99 0.79 0.00	19.93 0.78 0.00	21.00 0.79 0.00	22.55 1.13 0.00	22.53 1.37 0.00	26.46 1.82 0.00	27.64 2.00 0.00	27.36 2.03 0.00	28.69 2.15 0.00	29.82 2.26 0.00	30.74 2.33 0.00	31.80 2.30 0.00	33.95 2.60 0.00	38.00 2.98 0.00	45.83 3.63 0.00	41.66 2.98 0.00	36.01 2.23 0.00	34.48 2.14 0.00	31.68 1.93 0.00	29.61 1.94 0.00	25.81 1.58 0.00
TEALLAVE_115KV_TB7 355573	23.48 0.05 0.00	20.05 -0.08 0.00	19.93 -0.14 0.00	19.08 -0.12 0.00	19.03 -0.11 0.00	20.11 -0.10 0.00	21.43 0.02 0.00	21.13 -0.02 0.00	24.59 -0.05 0.00	25.59 -0.05 0.00	25.28 -0.05 0.00	26.46 -0.08 0.00	27.45 -0.11 0.00	28.97 -0.14 -0.70	30.20 -0.09 -0.79	32.12 -0.19 -0.97	36.19 -0.18 -1.34	43.95 -0.30 -2.05	40.15 -0.23 -1.69	34.94 -0.07 -1.22	33.32 -0.13 -1.10	30.53 -0.06 -0.84	28.13 -0.14 -0.59	24.43 -0.10 -0.30
TELGRAPH_34_KV_EAST 80808	24.46 1.03 0.00	20.75 0.62 0.00	20.57 0.50 0.00	19.70 0.50 0.00	19.59 0.44 0.00	20.78 0.57 0.00	22.23 0.81 0.00	21.68 0.53 0.00	25.06 0.42 0.00	26.00 0.36 0.00	25.79 0.46 0.00	26.96 0.42 0.00	27.89 0.33 0.00	28.66 0.26 0.00	29.76 0.27 0.00	31.41 0.06 0.00	35.06 0.04 0.00	41.94 -0.25 0.00	38.53 -0.15 0.00	34.63 0.84 0.00	32.83 0.49 0.00	30.46 0.71 0.00	28.11 0.44 0.00	25.10 0.87 0.00
TEMPLE___115KV_TB 2 55572	23.48 0.05 0.00	20.07 -0.06 0.00	19.95 -0.12 0.00	19.10 -0.10 0.00	19.03 -0.11 0.00	20.13 -0.08 0.00	21.43 0.02 0.00	21.15 0.00 0.00	24.59 -0.05 0.00	25.62 -0.03 0.00	25.30 -0.03 0.00	26.48 -0.05 0.00	27.48 -0.08 0.00	29.00 -0.11 -0.70	30.23 -0.06 -0.79	32.16 -0.16 -0.97	36.22 -0.14 -1.33	43.99 -0.25 -2.05	40.18 -0.19 -1.69	34.97 -0.03 -1.22	33.35 -0.10 -1.10	30.53 -0.06 -0.84	28.13 -0.14 -0.59	24.45 -0.07 -0.30
TIANA___69_KV_BK 1 55817	27.09 3.30 -0.35	22.71 2.58 0.00	22.35 2.29 0.00	21.23 2.03 0.00	21.18 2.03 0.00	22.25 2.04 0.00	23.62 2.21 0.00	23.54 2.39 0.00	28.26 3.50 -0.13	29.22 3.56 -0.01	30.74 3.27 -2.14	30.94 3.42 -0.98	31.30 3.58 -0.16	32.25 3.64 -0.20	33.37 3.75 -0.13	36.95 4.33 -1.27	42.12 5.08 -2.01	70.38 6.12 -22.07	50.90 5.30 -6.92	37.99 4.19 -0.02	36.26 3.91 0.00	33.08 3.33 0.00	30.88 3.21 0.00	27.08 2.84 -0.02
TILDEN___115KV_TB1 80814	23.52 0.09 0.00	20.11 -0.02 0.00	19.99 -0.08 0.00	19.12 -0.08 0.00	19.07 -0.08 0.00	20.15 -0.06 0.00	21.48 0.06 0.00	21.19 0.04 0.00	24.66 0.02 0.00	25.67 0.03 0.00	25.36 0.03 0.00	26.54 0.00 0.00	27.56 0.00 0.00	29.24 -0.03 -0.86	30.46 0.00 -0.97	32.46 -0.06 -1.18	36.62 -0.04 -1.63	44.62 -0.08 -2.50	40.72 -0.04 -2.07	35.38 0.10 -1.49	33.70 0.00 -1.35	30.83 0.06 -1.02	28.37 -0.03 -0.73	24.59 0.00 -0.36
TRIGEN___CC 323695	25.75 1.97 -0.35	21.62 1.49 0.00	21.35 1.28 0.00	20.31 1.11 0.00	20.26 1.11 0.00	21.32 1.11 0.00	22.89 1.48 0.00	22.97 1.82 0.00	27.21 2.44 -0.13	28.32 2.67 -0.01	30.06 2.58 -2.14	30.22 2.71 -0.98	30.53 2.81 -0.16	31.45 2.84 -0.20	32.40 2.77 -0.13	35.75 3.13 -1.27	40.61 3.57 -2.01	51.46 4.39 -4.87	49.20 3.68 -6.84	36.57 2.77 -0.02	35.10 2.75 0.00	32.19 2.44 0.00	30.19 2.52 0.00	26.38 2.13 -0.02

TRINITY__115KV__4 BK 55933	24.01 0.59 0.00	20.55 0.42 0.00	20.43 0.36 0.00	19.51 0.31 0.00	19.49 0.34 0.00	20.54 0.32 0.00	22.01 0.60 0.00	21.83 0.68 0.00	25.47 0.84 0.00	26.46 0.82 0.00	26.12 0.79 0.00	27.41 0.88 0.00	28.49 0.94 0.00	29.40 0.99 0.00	30.50 1.00 0.00	32.44 1.10 0.00	36.18 1.16 0.00	43.63 1.43 0.00	40.00 1.32 0.00	34.83 1.05 0.00	33.42 1.07 0.00	30.61 0.86 0.00	28.50 0.83 0.00	24.93 0.70 0.00
UNION__PROCESSING_DRP 323587	24.20 0.77 0.00	20.57 0.44 0.00	20.41 0.34 0.00	19.54 0.35 0.00	19.43 0.29 0.00	20.60 0.38 0.00	21.90 0.49 0.00	21.55 0.40 0.00	24.96 0.32 0.00	25.95 0.31 0.00	25.71 0.38 0.00	26.93 0.40 0.00	27.89 0.33 0.00	28.69 0.28 0.00	29.82 0.32 0.00	31.50 0.16 0.00	35.20 0.18 0.00	42.24 0.04 0.00	38.76 0.08 0.00	34.53 0.74 0.00	32.83 0.49 0.00	30.34 0.59 0.00	28.06 0.39 0.00	24.84 0.61 0.00
UPPER HUDSON__HYD 24058	24.48 1.06 0.00	20.94 0.81 0.00	20.81 0.74 0.00	19.87 0.67 0.00	19.76 0.61 0.00	20.94 0.73 0.00	22.33 0.92 0.00	22.27 1.12 0.00	25.94 1.30 0.00	26.95 1.31 0.00	26.34 1.01 0.00	27.68 1.14 0.00	28.60 1.05 0.00	29.46 1.05 0.00	30.68 1.18 0.00	32.47 1.13 0.00	36.28 1.26 0.00	43.93 1.73 0.00	40.70 2.01 0.00	35.64 1.86 0.00	34.26 1.91 0.00	31.56 1.81 0.00	29.25 1.58 0.00	25.49 1.26 0.00
UPPER RAQUET__HYD 24056	22.87 -0.56 0.00	19.81 -0.32 0.00	19.83 -0.24 0.00	19.01 -0.19 0.00	18.94 -0.21 0.00	19.97 -0.24 0.00	20.94 -0.47 0.00	20.39 -0.76 0.00	23.63 -1.01 0.00	24.51 -1.13 0.00	24.17 -1.16 0.00	25.32 -1.22 0.00	26.29 -1.27 0.00	27.32 -1.31 -0.22	28.47 -1.27 -0.25	30.24 -1.41 -0.30	33.76 -1.68 -0.42	40.77 -2.07 -0.64	37.47 -1.74 -0.53	32.68 -1.49 -0.38	31.33 -1.36 -0.34	28.94 -1.07 -0.26	27.08 -0.77 -0.18	23.77 -0.56 -0.09
VALLEY44_115KV_TB2 355964	24.32 0.89 0.00	20.67 0.54 0.00	20.49 0.42 0.00	19.60 0.40 0.00	19.53 0.38 0.00	20.72 0.51 0.00	22.12 0.71 0.00	21.60 0.44 0.00	24.93 0.30 0.00	25.87 0.23 0.00	25.63 0.30 0.00	26.80 0.27 0.00	27.72 0.17 0.00	28.55 0.14 0.00	29.76 0.27 0.00	31.41 0.06 0.00	35.31 0.28 0.00	42.20 0.00 0.00	38.65 -0.04 0.00	34.49 0.71 0.00	32.61 0.26 0.00	30.23 0.48 0.00	27.89 0.22 0.00	24.98 0.75 0.00
VALLEY__115KV_TB 1-4 80826	23.85 0.42 0.00	20.45 0.32 0.00	20.39 0.32 0.00	19.51 0.31 0.00	19.43 0.29 0.00	20.52 0.30 0.00	21.90 0.49 0.00	21.68 0.53 0.00	25.23 0.59 0.00	26.23 0.59 0.00	25.84 0.51 0.00	27.07 0.53 0.00	28.08 0.52 0.00	28.89 0.48 0.00	29.97 0.47 0.00	31.82 0.47 0.00	35.59 0.56 0.00	42.96 0.76 0.00	39.42 0.74 0.00	34.49 0.71 0.00	33.09 0.74 0.00	30.43 0.68 0.00	28.31 0.64 0.00	24.79 0.56 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.62 1.19 0.00	21.02 0.89 0.00	20.89 0.82 0.00	19.99 0.79 0.00	19.89 0.75 0.00	21.06 0.85 0.00	22.46 1.05 0.00	22.29 1.14 0.00	26.02 1.38 0.00	27.10 1.46 0.00	26.72 1.39 0.00	28.05 1.51 0.00	29.13 1.57 0.00	30.20 1.56 -0.23	31.37 1.62 -0.26	33.38 1.72 -0.31	37.46 2.00 -0.43	45.27 2.41 -0.66	41.44 2.21 -0.55	36.11 1.93 -0.40	34.61 1.91 -0.36	31.72 1.70 -0.27	29.38 1.52 -0.19	25.59 1.26 -0.10
VISCHER__FERRY HYD 24020	24.41 0.98 0.00	20.89 0.76 0.00	20.77 0.70 0.00	19.85 0.65 0.00	19.78 0.63 0.00	20.90 0.69 0.00	22.27 0.86 0.00	22.10 0.95 0.00	25.79 1.16 0.00	26.80 1.15 0.00	26.42 1.09 0.00	27.70 1.17 0.00	28.77 1.21 0.00	29.72 1.31 0.00	30.82 1.33 0.00	32.76 1.41 0.00	36.57 1.54 0.00	44.22 2.03 0.00	40.66 1.97 0.00	35.41 1.62 0.00	33.87 1.52 0.00	31.15 1.40 0.00	28.97 1.30 0.00	25.35 1.12 0.00
V_A_10_SYNC_DSASP 323832	24.04 0.61 0.00	20.43 0.30 0.00	20.27 0.20 0.00	19.41 0.21 0.00	19.30 0.15 0.00	20.45 0.24 0.00	21.78 0.36 0.00	21.32 0.17 0.00	24.64 0.00 0.00	25.56 -0.08 0.00	25.33 0.00 0.00	26.51 -0.03 0.00	27.45 -0.11 0.00	28.21 -0.20 0.00	29.32 -0.18 0.00	30.94 -0.41 0.00	34.57 -0.46 0.00	41.31 -0.89 0.00	37.95 -0.74 0.00	33.99 0.20 0.00	32.22 -0.13 0.00	29.90 0.15 0.00	27.61 -0.06 0.00	24.59 0.36 0.00
V_CMM_10_SYNC_DSASP 323787	22.84 -0.58 0.00	19.79 -0.34 0.00	19.83 -0.24 0.00	18.99 -0.21 0.00	18.94 -0.21 0.00	19.99 -0.22 0.00	20.92 -0.49 0.00	20.58 -0.57 0.00	23.95 -0.69 0.00	24.92 -0.72 0.00	24.62 -0.71 0.00	25.79 -0.74 0.00	26.79 -0.77 0.00	27.64 -0.77 0.00	28.73 -0.77 0.00	30.53 -0.82 0.00	34.08 -0.94 0.00	41.02 -1.18 0.00	37.68 -1.01 0.00	32.91 -0.88 0.00	31.54 -0.81 0.00	29.01 -0.74 0.00	27.01 -0.66 0.00	23.68 -0.56 0.00
V_CMP_10_SYNC_DSASP 323788	23.10 -0.33 0.00	20.01 -0.12 0.00	20.07 0.00 0.00	19.26 0.06 0.00	19.18 0.04 0.00	20.31 0.10 0.00	21.41 0.00 0.00	21.11 -0.04 0.00	24.61 -0.02 0.00	25.67 0.03 0.00	25.30 -0.03 0.00	26.48 -0.05 0.00	27.50 -0.06 0.00	28.41 0.00 0.00	29.58 0.09 0.00	31.38 0.03 0.00	35.03 0.00 0.00	42.15 -0.04 0.00	38.96 0.27 0.00	34.05 0.27 0.00	32.61 0.26 0.00	29.96 0.21 0.00	27.86 0.20 0.00	24.47 0.24 0.00
V_E_10_SYNC_DSASP 323830	25.19 1.76 0.00	21.42 1.29 0.00	21.25 1.18 0.00	20.37 1.17 0.00	20.29 1.15 0.00	21.49 1.27 0.00	23.08 1.67 0.00	22.91 1.75 0.00	26.51 1.87 0.00	27.44 1.79 0.00	26.93 1.60 0.00	28.31 1.78 0.00	29.35 1.79 0.00	30.54 1.65 -0.49	31.88 1.83 -0.55	33.87 1.85 -0.67	38.16 2.21 -0.93	46.45 2.83 -1.43	42.84 2.98 -1.18	37.64 3.01 -0.85	36.22 3.11 -0.77	33.10 2.77 -0.58	30.43 2.35 -0.41	26.43 1.99 -0.21
V_F_30_NSYNC__DSASP 323816	24.67 1.24 0.00	21.12 0.99 0.00	20.99 0.92 0.00	20.04 0.84 0.00	19.95 0.80 0.00	21.10 0.89 0.00	22.50 1.09 0.00	22.36 1.20 0.00	26.06 1.43 0.00	27.10 1.46 0.00	26.65 1.32 0.00	27.99 1.46 0.00	29.04 1.49 0.00	29.97 1.56 0.00	31.15 1.65 0.00	33.04 1.69 0.00	36.88 1.86 0.00	44.60 2.40 0.00	41.08 2.40 0.00	35.88 2.10 0.00	34.39 2.04 0.00	31.63 1.88 0.00	29.36 1.69 0.00	25.64 1.40 0.00
V_F_30_SYNC_DSASP 323786	24.08 0.66 0.00	20.61 0.48 0.00	20.49 0.42 0.00	19.56 0.36 0.00	19.55 0.40 0.00	20.60 0.38 0.00	22.08 0.66 0.00	21.91 0.76 0.00	25.55 0.91 0.00	26.56 0.92 0.00	26.22 0.89 0.00	27.52 0.98 0.00	28.60 1.05 0.00	29.52 1.11 0.00	30.65 1.15 0.00	32.57 1.22 0.00	36.32 1.30 0.00	43.84 1.65 0.00	40.19 1.51 0.00	34.97 1.18 0.00	33.55 1.20 0.00	30.76 1.01 0.00	28.61 0.94 0.00	25.03 0.80 0.00
V_XM_10_SYNC_DSASP 323789	23.10 -0.33 0.00	20.01 -0.12 0.00	20.07 0.00 0.00	19.26 0.06 0.00	19.18 0.04 0.00	20.31 0.10 0.00	21.41 0.00 0.00	21.11 -0.04 0.00	24.61 -0.02 0.00	25.67 0.03 0.00	25.30 -0.03 0.00	26.48 -0.05 0.00	27.50 -0.06 0.00	28.41 0.00 0.00	29.58 0.09 0.00	31.38 0.03 0.00	35.03 0.00 0.00	42.15 -0.04 0.00	38.96 0.27 0.00	34.05 0.27 0.00	32.61 0.26 0.00	29.96 0.21 0.00	27.86 0.20 0.00	24.47 0.24 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.88 1.45 0.00	21.18 1.05 0.00	21.01 0.94 0.00	20.04 0.84 0.00	20.01 0.86 0.00	21.06 0.85 0.00	22.63 1.22 0.00	22.61 1.46 0.00	26.56 1.92 0.00	27.74 2.10 0.00	27.46 2.13 0.00	28.79 2.26 0.00	29.96 2.40 0.00	30.85 2.44 0.00	31.91 2.42 0.00	34.10 2.76 0.00	38.18 3.15 0.00	46.04 3.84 0.00	41.86 3.17 0.00	36.18 2.40 0.00	34.65 2.30 0.00	31.80 2.05 0.00	29.72 2.05 0.00	25.90 1.67 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.05 1.62 0.00	21.26 1.13 0.00	21.11 1.04 0.00	20.12 0.92 0.00	20.06 0.92 0.00	21.14 0.93 0.00	22.74 1.33 0.00	22.78 1.63 0.00	26.83 2.19 0.00	28.05 2.41 0.00	27.76 2.43 0.00	29.11 2.57 0.00	30.23 2.67 0.00	31.11 2.70 0.00	32.06 2.57 0.00	34.29 2.95 0.00	38.32 3.29 0.00	46.25 4.05 0.00	42.01 3.33 0.00	36.22 2.43 0.00	34.71 2.36 0.00	31.92 2.17 0.00	29.94 2.27 0.00	26.02 1.79 0.00
W50THST__13_KV_LOAD 356117	25.19 1.76 0.00	21.36 1.23 0.00	21.23 1.16 0.00	20.22 1.02 0.00	20.18 1.03 0.00	21.26 1.05 0.00	22.87 1.46 0.00	22.93 1.78 0.00	27.00 2.37 0.00	28.26 2.62 0.00	27.96 2.63 0.00	29.32 2.79 0.00	30.45 2.89 0.00	31.34 2.93 0.00	32.30 2.80 0.00	34.54 3.20 0.00	38.60 3.57 0.00	46.63 4.43 0.00	42.28 3.60 0.00	36.45 2.67 0.00	34.94 2.59 0.00	32.10 2.35 0.00	30.10 2.43 0.00	26.17 1.94 0.00
WADING RIVER_IC_1 23522	26.78 3.00 -0.35	22.49 2.35 -0.01	22.13 2.07 0.00	21.02 1.82 0.00	20.81 1.66 0.00	22.03 1.82 0.00	23.32 1.90 0.00	23.18 2.03 0.00	27.82 3.05 -0.13	28.76 3.10 -0.01	30.21 2.74 -2.14	30.35 2.84 -0.98	30.69 2.98 -0.16	31.59 2.98 -0.20	32.69 3.07 -0.13	36.22 3.60 -1.27	41.27 4.24 -2.01	69.32 5.10 -22.02	50.01 4.41 -6.92	37.21 3.41 -0.02	35.49 3.14 -0.01	32.46 2.71 0.00	30.30 2.63 0.00	26.65 2.40 -0.02
WADING RIVER_IC_2 23547	26.78 3.00 -0.35	22.49 2.35 -0.01	22.13 2.07 0.00	21.02 1.82 0.00	20.81 1.66 0.00	22.03 1.82 0.00	23.32 1.90 0.00	23.18 2.03 0.00	27.82 3.05 -0.13	28.76 3.10 -0.01	30.21 2.74 -2.14	30.35 2.84 -0.98	30.69 2.98 -0.16	31.59 2.98 -0.20	32.69 3.07 -0.13	36.22 3.60 -1.27	41.27 4.24 -2.01	69.32 5.10 -22.02	50.01 4.41 -6.92	37.21 3.41 -0.02	35.49 3.14 -0.01	32.46 2.71 0.00	30.30 2.63 0.00	26.65 2.40 -0.02
WADING RIVER_IC_3 23601	26.78 3.00 -0.35	22.49 2.35 -0.01	22.13 2.07 0.00	21.02 1.82 0.00	20.81 1.66 0.00	22.03 1.82 0.00	23.32 1.90 0.00	23.18 2.03 0.00	27.82 3.05 -0.13	28.76 3.10 -0.01	30.21 2.74 -2.14	30.35 2.84 -0.98	30.69 2.98 -0.16	31.59 2.98 -0.20	32.69 3.07 -0.13	36.22 3.60 -1.27	41.27 4.24 -2.01	69.32 5.10 -22.02	50.01 4.41 -6.92	37.21 3.41 -0.02	35.49 3.14 -0.01	32.46 2.71 0.00	30.30 2.63 0.00	26.65 2.40 -0.02
WALDENNY_I2_KV_BK2 80841	24.55 1.12 0.00	20.83 0.70 0.00	20.65 0.58 0.00	19.77 0.58 0.00	19.66 0.52 0.00	20.86 0.65 0.00	22.27 0.86 0.00	21.76 0.61 0.00	25.13 0.49 0.00	26.10 0.46 0.00	25.89 0.56 0.00	27.09 0.56 0.00	28.03 0.47 0.00	28.84 0.43 0.00	29.97 0.47 0.00	31.60 0.25 0.00	35.34 0.32 0.00	42.20 0.00 0.00	38.72 0.04 0.00	34.76 0.98 0.00	32.90 0.55 0.00	30.55 0.80 0.00	28.20 0.53 0.00	25.20 0.97 0.00
WALDEN___HYDRO 24148	24.79 1.36 0.00	21.12 0.99 0.00	20.97 0.90 0.00	20.00 0.81 0.00	19.95 0.80 0.00	21.02 0.81 0.00	22.55 1.13 0.00	22.46 1.31 0.00	26.34 1.70 0.00	27.46 1.82 0.00	27.15 1.82 0.00	28.47 1.94 0.00	29.63 2.07 0.00	30.48 2.07 0.00	31.56 2.06 0.00	33.73 2.38 0.00	37.79 2.77 0.00	45.61 3.42 0.00	41.62 2.94 0.00	36.11 2.33 0.00	34.48 2.13 0.00	31.71 1.96 0.00	29.61 1.94 0.00	25.78 1.55 0.00
WARRENSBURG____ 23737	24.48 1.06 0.00	20.94 0.81 0.00	20.81 0.74 0.00	19.87 0.67 0.00	19.76 0.61 0.00	20.94 0.73 0.00	22.33 0.92 0.00	22.27 1.12 0.00	25.94 1.30 0.00	26.95 1.31 0.00	26.34 1.01 0.00	27.68 1.14 0.00	28.60 1.05 0.00	29.46 1.05 0.00	30.68 1.18 0.00	32.47 1.13 0.00	36.28 1.26 0.00	43.93 1.73 0.00	40.70 2.01 0.00	35.64 1.86 0.00	34.26 1.91 0.00	31.56 1.81 0.00	29.25 1.58 0.00	25.49 1.26 0.00
WATERSIDE___6 8 9 23538	25.09 1.66 0.00	21.22 1.09 0.00	21.11 1.04 0.00	20.10 0.90 0.00	20.06 0.92 0.00	21.08 0.87 0.00	22.65 1.24 0.00	22.74 1.59 0.00	26.83 2.19 0.00	28.05 2.41 0.00	27.84 2.51 -0.01	29.20 2.65 -0.01	30.29 2.73 0.00	31.19 2.78 0.00	32.12 2.63 0.00	34.39 3.04 0.00	38.28 3.26 0.00	46.21 4.01 0.00	41.93 3.25 0.00	36.01 2.23 0.00	34.61 2.26 0.00	31.89 2.14 0.00	29.99 2.32 0.00	26.00 1.77 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.76 0.33 0.00	20.37 0.24 0.00	20.29 0.22 0.00	19.41 0.21 0.00	19.36 0.21 0.00	20.43 0.22 0.00	21.75 0.34 0.00	21.53 0.38 0.00	25.06 0.42 0.00	26.05 0.41 0.00	25.71 0.38 0.00	26.93 0.40 0.00	27.94 0.39 0.00	28.81 0.40 0.00	29.88 0.38 0.00	31.75 0.41 0.00	35.52 0.49 0.00	42.83 0.63 0.00	39.30 0.62 0.00	34.36 0.57 0.00	32.93 0.58 0.00	30.29 0.54 0.00	28.14 0.47 0.00	24.64 0.41 0.00
WATSON___69_KV_BK 1 55734	26.71 2.93 -0.35	22.40 2.27 0.00	22.05 1.99 0.00	20.95 1.75 0.00	20.89 1.74 0.00	21.99 1.78 0.00	23.53 2.12 0.00	23.58 2.43 0.00	28.09 3.33 -0.13	29.19 3.54 -0.01	30.82 3.34 -2.14	31.02 3.50 -0.98	31.38 3.67 -0.16	32.31 3.69 -0.20	33.43 3.80 -0.13	36.95 4.33 -1.27	42.08 5.04 -2.01	69.37 6.08 -21.10	50.82 5.26 -6.88	37.99 4.19 -0.02	36.33 3.98 0.00	33.17 3.42 0.00	31.02 3.35 0.00	27.20 2.96 -0.02
WDELAWARE___HYD 323627	24.51 1.08 0.00	20.89 0.76 0.00	20.73 0.66 0.00	19.79 0.60 0.00	19.66 0.52 0.00	20.78 0.57 0.00	22.23 0.81 0.00	22.15 0.99 0.00	25.97 1.33 0.00	27.05 1.41 0.00	26.77 1.44 0.00	28.07 1.54 0.00	29.24 1.68 0.00	29.23 0.82 0.00	30.29 0.80 0.00	32.38 1.03 0.00	36.28 1.26 0.00	43.84 1.64 0.00	40.00 1.32 0.00	34.66 0.88 0.00	33.12 0.78 0.00	31.33 1.58 0.00	29.22 1.55 0.00	25.44 1.21 0.00
WEST BABYLON___IC 23714	26.50 2.72 -0.35	22.24 2.11 0.00	21.89 1.83 0.00	20.81 1.61 0.00	20.75 1.61 0.00	21.83 1.62 0.00	23.42 2.01 0.00	23.48 2.33 0.00	27.92 3.15 -0.13	29.04 3.38 -0.01	30.72 3.24 -2.14	30.89 3.37 -0.98	31.24 3.53 -0.16	32.19 3.58 -0.20	33.25 3.63 -0.13	36.73 4.11 -1.27	41.84 4.80 -2.01	58.75 5.78 -10.77	50.52 4.99 -6.85	37.75 3.95 -0.02	36.13 3.78 0.00	33.02 3.27 0.00	30.91 3.24 0.00	27.08 2.84 -0.02
WEST CANADA___HYD 24049	23.52 0.09 0.00	20.17 0.04 0.00	20.09 0.02 0.00	19.22 0.02 0.00	19.16 0.02 0.00	20.23 0.02 0.00	21.50 0.09 0.00	21.26 0.11 0.00	24.74 0.10 0.00	25.74 0.10 0.00	25.43 0.10 0.00	26.64 0.11 0.00	27.67 0.11 0.00	28.55 0.14 0.00	29.61 0.12 0.00	31.47 0.13 0.00	35.17 0.14 0.00	42.41 0.21 0.00	38.88 0.19 0.00	33.95 0.17 0.00	32.51 0.16 0.00	29.90 0.15 0.00	27.81 0.14 0.00	24.35 0.12 0.00



WESTERN_NY_WIND 24143	24.76 1.33 0.00	20.94 0.81 0.00	20.79 0.72 0.00	19.91 0.71 0.00	19.87 0.73 0.00	21.00 0.79 0.00	22.46 1.05 0.00	21.98 0.82 0.00	25.40 0.76 0.00	26.36 0.72 0.00	26.12 0.79 0.00	27.28 0.74 0.00	28.22 0.66 0.00	29.01 0.60 0.00	30.14 0.65 0.00	31.82 0.47 0.00	35.52 0.49 0.00	42.66 0.47 0.00	39.15 0.47 0.00	35.20 1.42 0.00	33.74 1.39 0.00	30.91 1.16 0.00	28.58 0.91 0.00	25.42 1.19 0.00
WESTOVER___LESR 323668	24.04 0.61 0.00	20.51 0.38 0.00	20.37 0.30 0.00	19.49 0.29 0.00	19.41 0.27 0.00	20.56 0.34 0.00	21.93 0.51 0.00	21.64 0.49 0.00	25.13 0.49 0.00	26.13 0.49 0.00	25.84 0.51 0.00	27.07 0.53 0.00	28.08 0.52 0.00	29.40 0.51 -0.48	30.66 0.62 -0.55	32.61 0.60 -0.67	36.72 0.77 -0.92	44.41 0.80 -1.41	40.59 0.74 -1.17	35.50 0.88 -0.84	33.79 0.68 -0.76	31.01 0.68 -0.58	28.63 0.55 -0.41	25.07 0.63 -0.20
WETHRSFD_WT_PWR 323626	24.44 1.01 0.00	20.69 0.56 0.00	20.55 0.48 0.00	19.68 0.48 0.00	19.64 0.50 0.00	20.78 0.57 0.00	22.16 0.75 0.00	21.70 0.55 0.00	25.05 0.42 0.00	26.00 0.36 0.00	25.71 0.38 0.00	26.86 0.32 0.00	27.81 0.25 0.00	28.55 0.14 0.00	29.73 0.23 0.00	31.41 0.06 0.00	35.20 0.18 0.00	42.24 0.04 0.00	38.76 0.08 0.00	34.70 0.91 0.00	33.12 0.78 0.00	30.46 0.71 0.00	28.17 0.50 0.00	25.08 0.85 0.00
WHAVSTOR_138KV_BK127 55557	24.76 1.34 0.00	21.10 0.97 0.00	20.93 0.86 0.00	19.97 0.77 0.00	19.91 0.77 0.00	20.98 0.77 0.00	22.55 1.13 0.00	22.53 1.37 0.00	26.46 1.82 0.00	27.62 1.97 0.00	27.33 2.00 0.00	28.66 2.12 0.00	29.79 2.23 0.00	30.68 2.27 0.00	31.74 2.24 0.00	33.88 2.54 0.00	37.93 2.91 0.00	45.74 3.54 0.00	41.59 2.90 0.00	35.98 2.20 0.00	34.45 2.10 0.00	31.62 1.87 0.00	29.58 1.91 0.00	25.78 1.55 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.76 1.34 0.00	21.10 0.97 0.00	20.93 0.86 0.00	19.97 0.77 0.00	19.91 0.77 0.00	20.98 0.77 0.00	22.55 1.13 0.00	22.53 1.37 0.00	26.46 1.82 0.00	27.62 1.97 0.00	27.33 2.00 0.00	28.66 2.12 0.00	29.79 2.23 0.00	30.68 2.27 0.00	31.74 2.24 0.00	33.88 2.54 0.00	37.93 2.91 0.00	45.74 3.54 0.00	41.59 2.90 0.00	35.98 2.20 0.00	34.45 2.10 0.00	31.62 1.87 0.00	29.58 1.91 0.00	25.78 1.55 0.00
WHITEHAL_115KV_TB1 80871	25.02 1.59 0.00	21.38 1.25 0.00	21.25 1.18 0.00	20.27 1.08 0.00	20.24 1.09 0.00	21.40 1.19 0.00	22.85 1.43 0.00	22.82 1.67 0.00	26.56 1.92 0.00	27.59 1.95 0.00	26.98 1.65 0.00	28.37 1.83 0.00	29.32 1.76 0.00	30.20 1.79 0.00	31.53 2.04 0.00	33.29 1.94 0.00	37.23 2.21 0.00	45.15 2.95 0.00	41.82 3.13 0.00	36.79 3.01 0.00	35.39 3.04 0.00	32.49 2.74 0.00	30.05 2.38 0.00	26.12 1.89 0.00
WHITEPLN_13_KV_LOAD 356215	25.05 1.62 0.00	21.30 1.17 0.00	21.15 1.08 0.00	20.16 0.96 0.00	20.10 0.96 0.00	21.18 0.97 0.00	22.83 1.41 0.00	22.86 1.71 0.00	26.88 2.24 0.00	28.08 2.44 0.00	27.79 2.46 0.00	29.14 2.60 0.00	30.31 2.76 0.00	31.22 2.81 0.00	32.24 2.74 0.00	34.48 3.13 0.00	38.56 3.54 0.00	46.54 4.35 0.00	42.32 3.64 0.00	36.52 2.74 0.00	35.03 2.68 0.00	32.13 2.38 0.00	30.05 2.38 0.00	26.15 1.91 0.00
WM_FLOYD_69_KV_BK2 356380	26.71 2.93 -0.35	22.40 2.27 0.00	22.05 1.99 0.00	20.96 1.77 0.00	20.91 1.76 0.00	21.97 1.76 0.00	23.38 1.97 0.00	23.33 2.18 0.00	27.92 3.15 -0.13	28.88 3.23 -0.01	30.39 2.91 -2.14	30.54 3.03 -0.98	30.88 3.17 -0.16	31.82 3.21 -0.20	32.90 3.27 -0.13	36.41 3.79 -1.27	41.52 4.48 -2.01	69.95 5.44 -22.31	50.28 4.68 -6.92	37.48 3.68 -0.02	35.84 3.49 0.00	32.69 2.95 0.00	30.60 2.93 0.00	26.87 2.62 -0.02
WOODARD___115KV_TB2 355635	23.41 -0.02 0.00	20.01 -0.12 0.00	19.89 -0.18 0.00	19.04 -0.15 0.00	18.99 -0.15 0.00	20.07 -0.14 0.00	21.37 -0.04 0.00	21.09 -0.06 0.00	24.56 -0.07 0.00	25.56 -0.08 0.00	25.25 -0.08 0.00	26.46 -0.08 0.00	27.45 -0.11 0.00	29.09 -0.20 -0.88	30.34 -0.15 -0.99	32.33 -0.22 -1.21	36.45 -0.25 -1.67	44.42 -0.34 -2.56	40.53 -0.27 -2.12	35.21 -0.10 -1.53	33.56 -0.16 -1.38	30.68 -0.12 -1.05	28.22 -0.19 -0.74	24.48 -0.12 -0.37
YORK___WARBASSE 23770	25.21 1.78 0.00	21.28 1.15 0.00	21.17 1.10 0.00	20.12 0.92 0.00	20.08 0.94 0.00	21.08 0.87 0.00	22.63 1.22 0.00	22.74 1.59 0.00	26.88 2.24 0.00	28.13 2.49 0.00	27.95 2.61 -0.01	29.33 2.79 -0.01	30.42 2.87 0.00	31.34 2.93 0.00	32.24 2.74 0.00	34.61 3.26 0.00	38.46 3.43 0.00	46.50 4.30 0.00	42.13 3.44 0.00	36.15 2.36 0.00	34.77 2.43 0.00	32.01 2.26 0.00	30.13 2.46 0.00	26.10 1.87 0.00