

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/17/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	24.43	22.11	21.29	21.13	20.98	21.15	21.47	22.19	25.12	25.81	26.34	27.22	26.82	27.62	27.39	28.22	32.61	38.58	35.73	32.81	28.59	25.72	24.70	24.77
24138	1.34	1.25	1.15	1.21	1.19	1.14	1.18	1.28	1.55	1.64	1.59	1.66	1.71	1.76	1.74	1.80	2.19	3.15	2.52	2.23	1.82	1.57	1.35	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24.46	22.13	21.33	21.15	21.02	21.17	21.51	22.19	25.05	25.77	26.31	27.12	26.67	27.49	27.39	28.24	32.64	38.65	35.80	32.84	28.62	25.75	24.72	24.80
24260	1.36	1.27	1.19	1.23	1.23	1.16	1.22	1.28	1.48	1.60	1.56	1.56	1.56	1.63	1.74	1.82	2.22	3.22	2.59	2.26	1.85	1.59	1.38	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.46	22.13	21.33	21.15	21.02	21.17	21.51	22.19	25.05	25.77	26.31	27.12	26.67	27.49	27.39	28.24	32.64	38.65	35.80	32.84	28.62	25.75	24.72	24.80
24261	1.36	1.27	1.19	1.23	1.23	1.16	1.22	1.28	1.48	1.60	1.56	1.56	1.56	1.63	1.74	1.82	2.22	3.22	2.59	2.26	1.85	1.59	1.38	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.48	22.15	21.35	21.11	20.86	21.11	21.38	21.98	24.86	25.50	26.17	27.04	26.52	27.34	27.16	28.11	32.36	38.12	35.26	32.32	28.30	25.60	24.61	24.61
24011	1.39	1.29	1.21	1.19	1.07	1.10	1.10	1.07	1.30	1.33	1.41	1.48	1.41	1.47	1.51	1.69	1.95	2.69	2.06	1.74	1.53	1.45	1.26	1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.59	22.24	21.43	21.19	20.92	21.17	21.47	22.06	25.00	25.64	26.32	27.22	26.72	27.52	27.29	28.24	32.55	38.26	35.43	32.48	28.43	25.70	24.70	24.70
23798	1.50	1.38	1.29	1.28	1.13	1.16	1.18	1.15	1.44	1.47	1.56	1.66	1.61	1.66	1.64	1.82	2.13	2.84	2.23	1.90	1.66	1.55	1.35	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.48	22.15	21.35	21.11	20.86	21.11	21.38	21.98	24.86	25.50	26.17	27.04	26.52	27.34	27.16	28.11	32.36	38.12	35.26	32.32	28.30	25.60	24.61	24.61
24028	1.39	1.29	1.21	1.19	1.07	1.10	1.10	1.07	1.30	1.33	1.41	1.48	1.41	1.47	1.51	1.69	1.95	2.69	2.06	1.74	1.53	1.45	1.26	1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.04	21.80	21.03	20.79	20.66	20.85	21.16	21.85	24.72	25.35	25.97	26.84	26.42	27.18	26.88	27.66	31.72	37.66	34.70	31.84	27.76	25.05	24.07	24.02
23527	0.95	0.94	0.89	0.88	0.87	0.84	0.87	0.94	1.15	1.18	1.21	1.28	1.31	1.32	1.23	1.24	1.31	2.23	1.50	1.25	0.99	0.89	0.72	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	23.26	21.13	20.43	20.21	20.09	20.29	20.55	21.22	23.87	24.46	25.05	25.84	25.39	26.15	25.98	26.79	30.81	36.31	33.67	30.92	27.01	24.40	23.53	23.46
24190	0.16	0.27	0.28	0.30	0.30	0.28	0.26	0.31	0.31	0.29	0.30	0.28	0.28	0.28	0.33	0.37	0.40	0.89	0.46	0.34	0.24	0.24	0.19	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.00	20.76	20.04	19.77	19.67	19.89	20.13	20.81	23.42	24.05	24.66	25.48	25.06	25.81	25.54	26.26	30.17	34.65	32.81	30.34	26.53	23.91	23.11	23.25
355683	-0.09	-0.10	-0.10	-0.14	-0.12	-0.12	-0.16	-0.10	-0.14	-0.12	-0.10	-0.08	-0.05	-0.05	-0.10	-0.16	-0.24	-0.78	-0.40	-0.24	-0.24	-0.24	-0.23	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	23.83	21.61	20.89	20.65	20.52	20.75	20.98	21.64	24.39	24.99	25.60	26.43	25.94	26.74	26.59	27.45	31.57	37.13	34.43	31.62	27.68	24.98	24.05	24.02
323833	0.74	0.75	0.75	0.74	0.73	0.74	0.69	0.73	0.82	0.82	0.84	0.87	0.83	0.88	0.95	1.03	1.16	1.70	1.23	1.04	0.91	0.82	0.70	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	23.83	21.61	20.87	20.65	20.52	20.73	20.98	21.64	24.39	24.97	25.60	26.40	25.94	26.74	26.57	27.42	31.54	37.13	34.43	31.62	27.68	24.95	24.02	24.02
323834	0.74	0.75	0.73	0.74	0.73	0.72	0.69	0.73	0.82	0.80	0.84	0.84	0.83	0.88	0.92	1.00	1.13	1.70	1.23	1.04	0.91	0.80	0.68	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23.26	21.13	20.43	20.21	20.09	20.29	20.55	21.22	23.87	24.46	25.05	25.84	25.39	26.15	25.98	26.79	30.81	36.31	33.67	30.92	27.01	24.40	23.53	23.46
23571	0.16	0.27	0.28	0.30	0.30	0.28	0.26	0.31	0.31	0.29	0.30	0.28	0.28	0.28	0.33	0.37	0.40	0.89	0.46	0.34	0.24	0.24	0.19	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___2 23572	23.26 0.16 0.00	21.13 0.27 0.00	20.43 0.28 0.00	20.21 0.30 0.00	20.09 0.30 0.00	20.29 0.28 0.00	20.55 0.26 0.00	21.22 0.31 0.00	23.87 0.31 0.00	24.46 0.29 0.00	25.05 0.30 0.00	25.84 0.28 0.00	25.39 0.28 0.00	26.15 0.28 0.00	25.98 0.33 0.00	26.79 0.37 0.00	30.81 0.40 0.00	36.31 0.89 0.00	33.67 0.46 0.00	30.92 0.34 0.00	27.01 0.24 0.00	24.40 0.24 0.00	23.53 0.19 0.00	23.46 0.02 0.00
ALBANY___3 23573	23.26 0.16 0.00	21.13 0.27 0.00	20.43 0.28 0.00	20.21 0.30 0.00	20.09 0.30 0.00	20.29 0.28 0.00	20.55 0.26 0.00	21.22 0.31 0.00	23.87 0.31 0.00	24.46 0.29 0.00	25.05 0.30 0.00	25.84 0.28 0.00	25.39 0.28 0.00	26.15 0.28 0.00	25.98 0.33 0.00	26.79 0.37 0.00	30.81 0.40 0.00	36.31 0.89 0.00	33.67 0.46 0.00	30.92 0.34 0.00	27.01 0.24 0.00	24.40 0.24 0.00	23.53 0.19 0.00	23.46 0.02 0.00
ALBANY___4 23574	23.26 0.16 0.00	21.13 0.27 0.00	20.43 0.28 0.00	20.21 0.30 0.00	20.09 0.30 0.00	20.29 0.28 0.00	20.55 0.26 0.00	21.22 0.31 0.00	23.87 0.31 0.00	24.46 0.29 0.00	25.05 0.30 0.00	25.84 0.28 0.00	25.39 0.28 0.00	26.15 0.28 0.00	25.98 0.33 0.00	26.79 0.37 0.00	30.81 0.40 0.00	36.31 0.89 0.00	33.67 0.46 0.00	30.92 0.34 0.00	27.01 0.24 0.00	24.40 0.24 0.00	23.53 0.19 0.00	23.46 0.02 0.00
ALBANY___LFGE 323615	23.53 0.44 0.00	21.36 0.50 0.00	20.65 0.50 0.00	20.41 0.50 0.00	20.28 0.49 0.00	20.49 0.48 0.00	20.76 0.47 0.00	21.43 0.52 0.00	24.17 0.61 0.00	24.75 0.58 0.00	25.33 0.57 0.00	26.15 0.59 0.00	25.74 0.63 0.00	26.51 0.65 0.00	26.29 0.64 0.00	27.08 0.66 0.00	31.15 0.73 0.00	36.70 1.27 0.00	34.00 0.80 0.00	31.22 0.64 0.00	27.28 0.51 0.00	24.64 0.48 0.00	23.74 0.40 0.00	23.70 0.26 0.00
ALCOA_PA_115KV_PL-6C 55860	23.16 0.07 0.00	20.88 0.02 0.00	20.16 0.02 0.00	19.89 -0.02 0.00	19.77 -0.02 0.00	19.97 -0.04 0.00	20.21 -0.08 0.00	20.89 -0.02 0.00	23.54 -0.02 0.00	24.15 -0.02 0.00	24.78 0.02 0.00	25.61 0.05 0.00	25.16 0.05 0.00	25.94 0.08 0.00	25.70 0.05 0.00	26.42 0.00 0.00	30.33 -0.09 0.00	34.68 -0.74 0.00	32.87 -0.33 0.00	30.52 -0.06 0.00	26.69 -0.08 0.00	24.03 -0.12 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00
ALCOA_RYNLDS___DRP 24188	23.16 0.07 0.00	20.88 0.02 0.00	20.16 0.02 0.00	19.89 -0.02 0.00	19.77 -0.02 0.00	19.97 -0.04 0.00	20.21 -0.08 0.00	20.89 -0.02 0.00	23.54 -0.02 0.00	24.15 -0.02 0.00	24.78 0.02 0.00	25.61 0.05 0.00	25.16 0.05 0.00	25.94 0.08 0.00	25.70 0.05 0.00	26.42 0.00 0.00	30.33 -0.09 0.00	34.68 -0.74 0.00	32.87 -0.33 0.00	30.52 -0.06 0.00	26.69 -0.08 0.00	24.03 -0.12 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00
ALCOA___DSASP 323711	23.16 0.07 0.00	20.88 0.02 0.00	20.16 0.02 0.00	19.89 -0.02 0.00	19.77 -0.02 0.00	19.97 -0.04 0.00	20.21 -0.08 0.00	20.89 -0.02 0.00	23.54 -0.02 0.00	24.15 -0.02 0.00	24.78 0.02 0.00	25.61 0.05 0.00	25.19 0.08 0.00	25.97 0.10 0.00	25.70 0.05 0.00	26.42 0.00 0.00	30.33 -0.09 0.00	34.68 -0.75 0.00	32.87 -0.33 0.00	30.52 -0.06 0.00	26.69 -0.08 0.00	24.03 -0.12 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00
ALLEGHENY___COGEN 23514	23.56 0.46 0.00	21.13 0.27 0.00	20.34 0.20 0.00	20.05 0.14 0.00	19.97 0.18 0.00	20.29 0.28 0.00	20.74 0.45 0.00	21.24 0.33 0.00	24.01 0.45 0.00	24.53 0.36 0.00	25.00 0.25 0.00	25.69 0.13 0.00	25.21 0.10 0.00	25.99 0.13 0.00	25.90 0.26 0.00	26.98 0.56 0.00	31.54 1.13 0.00	36.91 1.49 0.00	34.73 1.53 0.00	32.20 1.62 0.00	28.43 1.66 0.00	25.65 1.50 0.00	24.82 1.47 0.00	24.87 1.43 0.00
ALTAMONT_115KV_TB 2 55880	23.60 0.51 0.00	21.38 0.52 0.00	20.65 0.50 0.00	20.43 0.52 0.00	20.30 0.51 0.00	20.51 0.50 0.00	20.78 0.49 0.00	21.43 0.52 0.00	24.15 0.59 0.00	24.75 0.58 0.00	25.35 0.59 0.00	26.17 0.61 0.00	25.69 0.58 0.00	26.48 0.62 0.00	26.31 0.67 0.00	27.13 0.71 0.00	31.21 0.79 0.00	36.74 1.31 0.00	34.14 0.93 0.00	31.35 0.76 0.00	27.39 0.62 0.00	24.73 0.58 0.00	23.81 0.47 0.00	23.84 0.40 0.00
ALTONA_WT_PWR 323606	23.26 0.16 0.00	20.82 -0.04 0.00	20.08 -0.06 0.00	19.79 -0.12 0.00	19.69 -0.10 0.00	20.01 0.00 0.00	20.27 -0.02 0.00	20.99 0.08 0.00	23.71 0.14 0.00	24.39 0.22 0.00	25.08 0.32 0.00	25.92 0.36 0.00	25.64 0.53 0.00	26.25 0.39 0.00	25.93 0.28 0.00	26.45 0.03 0.00	30.14 -0.27 0.00	34.44 -0.99 0.00	32.51 -0.70 0.00	30.03 -0.55 0.00	26.16 -0.61 0.00	23.53 -0.63 0.00	22.86 -0.49 0.00	23.02 -0.42 0.00
AMERICAN_REF_FUEL 24010	21.41 -1.68 0.00	19.15 -1.71 0.00	18.45 -1.69 0.00	18.16 -1.75 0.00	18.07 -1.72 0.00	18.39 -1.62 0.00	18.77 -1.52 0.00	18.82 -2.09 0.00	21.28 -2.29 0.00	21.85 -2.32 0.00	22.40 -2.35 0.00	22.93 -2.63 0.00	22.48 -2.64 0.00	23.33 -2.53 0.00	23.29 -2.36 0.00	23.99 -2.43 0.00	27.92 -2.49 0.00	32.45 -2.98 0.00	30.32 -2.89 0.00	28.26 -2.33 0.00	25.17 -1.61 0.00	22.85 -1.30 0.00	22.34 -1.00 0.00	22.67 -0.77 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.82 -1.27 0.00	19.40 -1.46 0.00	18.69 -1.45 0.00	18.50 -1.41 0.00	18.29 -1.50 0.00	18.59 -1.42 0.00	19.11 -1.18 0.00	19.11 -1.80 0.00	21.65 -1.91 0.00	22.24 -1.93 0.00	22.82 -1.93 0.00	23.44 -2.12 0.00	22.98 -2.13 0.00	23.85 -2.02 0.00	23.83 -1.82 0.00	24.65 -1.77 0.00	28.90 -1.52 0.00	33.83 -1.59 0.00	31.75 -1.46 0.00	29.63 -0.95 0.00	26.48 -0.29 0.00	24.06 -0.10 0.00	23.51 0.16 0.00	23.77 0.33 0.00
ARTHUR KILL_GT_1 23520	24.60 1.50 -0.01	22.16 1.29 -0.01	21.38 1.23 -0.01	21.14 1.21 -0.01	20.99 1.19 -0.01	21.21 1.20 0.00	21.47 1.18 0.00	22.08 1.17 0.00	24.91 1.34 0.00	25.60 1.43 0.00	26.09 1.34 0.00	26.97 1.40 0.00	26.59 1.48 0.00	27.44 1.58 0.00	27.21 1.56 0.00	28.09 1.67 0.00	32.64 2.22 0.00	38.79 3.37 0.00	35.93 2.72 0.00	32.97 2.39 0.00	28.59 1.82 0.00	25.77 1.62 0.00	24.84 1.50 0.00	24.81 1.36 -0.01
ARTHUR_KILL_2 23512	24.53 1.43 -0.01	22.10 1.23 -0.01	21.34 1.19 -0.01	21.08 1.15 -0.01	20.95 1.15 -0.01	21.17 1.16 0.00	21.40 1.12 0.00	22.02 1.11 0.00	24.83 1.27 0.00	25.55 1.38 0.00	26.02 1.26 0.00	26.91 1.35 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.16 1.51 0.00	28.01 1.59 0.00	32.55 2.13 0.00	38.65 3.22 0.00	35.83 2.62 0.00	32.88 2.29 0.00	28.51 1.74 0.00	25.70 1.55 0.00	24.77 1.42 0.00	24.73 1.29 -0.01
ARTHUR_KILL_3 23513	24.23 1.13 0.00	21.96 1.10 0.00	21.15 1.01 0.00	20.99 1.07 0.00	20.84 1.05 0.00	20.99 0.98 0.00	21.32 1.03 0.00	22.02 1.11 0.00	24.93 1.37 0.00	25.62 1.45 0.00	26.17 1.41 0.00	27.04 1.48 0.00	26.65 1.53 0.00	27.41 1.55 0.00	27.18 1.54 0.00	28.01 1.59 0.00	32.37 1.95 0.00	38.30 2.87 0.00	35.46 2.26 0.00	32.57 1.99 0.00	28.38 1.61 0.00	25.53 1.38 0.00	24.49 1.14 0.00	24.59 1.15 0.00



ARTHUR_KILL_COGEN 323718	24.60 1.50 -0.01	22.16 1.29 -0.01	21.38 1.23 -0.01	21.14 1.21 -0.01	20.99 1.19 -0.01	21.21 1.20 0.00	21.47 1.18 0.00	22.08 1.17 0.00	24.91 1.34 0.00	25.60 1.43 0.00	26.09 1.34 0.00	26.97 1.40 0.00	26.59 1.48 0.00	27.44 1.58 0.00	27.21 1.56 0.00	28.09 1.67 0.00	32.64 2.22 0.00	38.79 3.37 0.00	35.93 2.72 0.00	32.97 2.39 0.00	28.59 1.82 0.00	25.77 1.62 0.00	24.84 1.50 0.00	24.81 1.36 -0.01
ASHOKAN____ 23654	24.62 1.52 0.00	22.24 1.38 0.00	21.47 1.33 0.00	21.25 1.33 0.00	21.14 1.35 0.00	21.39 1.38 0.00	21.65 1.36 0.00	22.31 1.40 0.00	25.26 1.70 0.00	25.81 1.64 0.00	26.39 1.63 0.00	27.25 1.69 0.00	26.77 1.66 0.00	27.65 1.78 0.00	27.52 1.87 0.00	28.43 2.01 0.00	32.73 2.31 0.00	38.68 3.26 0.00	35.89 2.69 0.00	32.90 2.32 0.00	28.81 2.03 0.00	25.85 1.69 0.00	24.75 1.40 0.00	24.75 1.31 0.00
ASTORIA_EAST_ENERGY_CC1 323581	24.42 1.32 -0.01	22.22 1.36 -0.01	21.42 1.27 -0.01	21.28 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.40 1.12 0.00	22.03 1.13 0.01	24.92 1.37 0.01	25.61 1.45 0.01	26.16 1.41 0.01	27.03 1.48 0.01	26.64 1.53 0.01	27.46 1.60 0.01	27.23 1.59 0.01	28.05 1.64 0.01	32.48 2.07 0.01	38.43 3.01 0.01	35.62 2.42 0.01	32.68 2.11 0.01	28.45 1.69 0.01	25.55 1.40 0.01	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	24.42 1.32 -0.01	22.22 1.36 -0.01	21.42 1.27 -0.01	21.26 1.33 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.40 1.12 0.00	22.03 1.13 0.01	24.92 1.37 0.01	25.61 1.45 0.01	26.16 1.41 0.01	27.03 1.48 0.01	26.64 1.53 0.01	27.46 1.60 0.01	27.23 1.59 0.01	28.05 1.64 0.01	32.48 2.07 0.01	38.43 3.01 0.01	35.62 2.42 0.01	32.68 2.11 0.01	28.45 1.69 0.01	25.55 1.40 0.01	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA_GT2_1 24094	24.44 1.34 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.14 1.39 0.00	26.94 1.38 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.46 2.04 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.46 1.69 0.00	25.58 1.43 0.00	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA_GT2_2 24095	24.44 1.34 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.14 1.39 0.00	26.94 1.38 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.46 2.04 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.46 1.69 0.00	25.58 1.43 0.00	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA_GT2_3 24096	24.44 1.34 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.14 1.39 0.00	26.94 1.38 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.46 2.04 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.46 1.69 0.00	25.58 1.43 0.00	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA_GT2_4 24097	24.44 1.34 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.14 1.39 0.00	26.94 1.38 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.46 2.04 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.46 1.69 0.00	25.58 1.43 0.00	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA_GT3_1 24098	24.44 1.34 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.14 1.39 0.00	26.94 1.38 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.46 2.04 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.46 1.69 0.00	25.58 1.43 0.00	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA_GT3_2 24099	24.44 1.34 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.14 1.39 0.00	26.94 1.38 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.46 2.04 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.46 1.69 0.00	25.58 1.43 0.00	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA_GT3_3 24100	24.44 1.34 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.14 1.39 0.00	26.94 1.38 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.46 2.04 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.46 1.69 0.00	25.58 1.43 0.00	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA_GT3_4 24101	24.44 1.34 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.14 1.39 0.00	26.94 1.38 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.46 2.04 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.46 1.69 0.00	25.58 1.43 0.00	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA_GT4_1 24102	24.44 1.34 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.14 1.39 0.00	26.94 1.38 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.46 2.04 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.46 1.69 0.00	25.58 1.43 0.00	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA_GT4_2 24103	24.44 1.34 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.14 1.39 0.00	26.94 1.38 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.46 2.04 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.46 1.69 0.00	25.58 1.43 0.00	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA_GT4_3 24104	24.44 1.34 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.14 1.39 0.00	26.94 1.38 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.46 2.04 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.46 1.69 0.00	25.58 1.43 0.00	24.65 1.31 0.00	24.83 1.38 -0.01



ASTORIA_GT4_4 24105	24.44 1.34 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.14 1.39 0.00	26.94 1.38 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.46 2.04 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.46 1.69 0.00	25.58 1.43 0.00	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA_GT_1 23523	24.46 1.36 -0.01	22.26 1.40 -0.01	21.46 1.31 -0.01	21.29 1.37 -0.01	21.16 1.36 -0.01	21.23 1.22 0.00	21.45 1.16 0.00	22.05 1.15 0.01	24.97 1.41 0.01	25.69 1.52 0.01	26.21 1.46 0.01	27.09 1.53 0.01	26.69 1.58 0.01	27.51 1.66 0.01	27.28 1.64 0.01	28.10 1.69 0.01	32.54 2.13 0.01	38.50 3.08 0.01	35.69 2.49 0.01	32.78 2.20 0.01	28.50 1.74 0.01	25.60 1.45 0.01	24.70 1.35 0.00	24.88 1.43 -0.01
ASTORIA_GT_10 24110	24.51 1.41 -0.01	22.18 1.31 -0.01	21.38 1.23 -0.01	21.19 1.27 -0.01	21.06 1.27 -0.01	21.19 1.18 0.00	21.51 1.22 0.00	22.14 1.23 0.00	24.98 1.41 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.42 1.55 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.58 2.16 0.00	38.58 3.15 0.00	35.73 2.52 0.00	32.81 2.23 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.72 1.38 0.00	24.83 1.38 -0.01
ASTORIA_GT_11 24225	24.51 1.41 -0.01	22.18 1.31 -0.01	21.38 1.23 -0.01	21.19 1.27 -0.01	21.06 1.27 -0.01	21.19 1.18 0.00	21.51 1.22 0.00	22.14 1.23 0.00	24.98 1.41 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.42 1.55 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.58 2.16 0.00	38.58 3.15 0.00	35.73 2.52 0.00	32.81 2.23 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.72 1.38 0.00	24.83 1.38 -0.01
ASTORIA_GT_12 24226	24.51 1.41 -0.01	22.18 1.31 -0.01	21.38 1.23 -0.01	21.19 1.27 -0.01	21.06 1.27 -0.01	21.19 1.18 0.00	21.51 1.22 0.00	22.14 1.23 0.00	24.98 1.41 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.42 1.55 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.58 2.16 0.00	38.58 3.15 0.00	35.73 2.52 0.00	32.81 2.23 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.72 1.38 0.00	24.83 1.38 -0.01
ASTORIA_GT_13 24227	24.51 1.41 -0.01	22.18 1.31 -0.01	21.38 1.23 -0.01	21.19 1.27 -0.01	21.06 1.27 -0.01	21.19 1.18 0.00	21.51 1.22 0.00	22.14 1.23 0.00	24.98 1.41 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.42 1.55 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.58 2.16 0.00	38.58 3.15 0.00	35.73 2.52 0.00	32.81 2.23 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.72 1.38 0.00	24.83 1.38 -0.01
ASTORIA_GT_5 24106	24.46 1.36 -0.01	22.26 1.40 -0.01	21.48 1.33 -0.01	21.29 1.37 -0.01	21.16 1.37 -0.01	21.23 1.22 0.00	21.53 1.24 0.00	22.06 1.15 0.00	24.91 1.34 0.00	25.64 1.47 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.52 2.10 0.00	38.54 3.12 0.00	35.70 2.49 0.00	32.75 2.17 0.00	28.51 1.74 0.00	25.60 1.45 0.00	24.70 1.35 0.00	24.88 1.43 -0.01
ASTORIA_GT_7 24107	24.46 1.36 -0.01	22.26 1.40 -0.01	21.48 1.33 -0.01	21.29 1.37 -0.01	21.16 1.37 -0.01	21.23 1.22 0.00	21.53 1.24 0.00	22.06 1.15 0.00	24.91 1.34 0.00	25.64 1.47 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.52 2.10 0.00	38.54 3.12 0.00	35.70 2.49 0.00	32.75 2.17 0.00	28.51 1.74 0.00	25.60 1.45 0.00	24.70 1.35 0.00	24.88 1.43 -0.01
ASTORIA_GT_8 24108	24.46 1.36 -0.01	22.26 1.40 -0.01	21.48 1.33 -0.01	21.29 1.37 -0.01	21.16 1.37 -0.01	21.23 1.22 0.00	21.53 1.24 0.00	22.06 1.15 0.00	24.91 1.34 0.00	25.64 1.47 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.52 2.10 0.00	38.54 3.12 0.00	35.70 2.49 0.00	32.75 2.17 0.00	28.51 1.74 0.00	25.60 1.45 0.00	24.70 1.35 0.00	24.88 1.43 -0.01
ASTORIA___2 24149	24.44 1.34 -0.01	22.22 1.36 -0.01	21.42 1.27 -0.01	21.28 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.40 1.12 0.00	22.03 1.13 0.01	24.94 1.39 0.01	25.64 1.47 0.01	26.16 1.41 0.01	27.06 1.51 0.01	26.66 1.56 0.01	27.46 1.60 0.01	27.23 1.59 0.01	28.08 1.67 0.01	32.48 2.07 0.01	38.43 3.01 0.01	35.62 2.42 0.01	32.71 2.14 0.01	28.45 1.69 0.01	25.57 1.42 0.01	24.65 1.31 0.00	24.83 1.38 -0.01
ASTORIA___3 23516	24.51 1.41 -0.01	22.18 1.31 -0.01	21.38 1.23 -0.01	21.20 1.28 -0.01	21.04 1.25 -0.01	21.19 1.18 0.00	21.47 1.18 0.00	22.14 1.23 0.00	25.05 1.49 0.00	25.74 1.57 0.00	26.27 1.51 0.00	27.17 1.61 0.00	26.77 1.66 0.00	27.57 1.71 0.00	27.34 1.69 0.00	28.16 1.74 0.00	32.61 2.19 0.00	38.58 3.15 0.00	35.76 2.56 0.00	32.84 2.26 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.72 1.38 0.00	24.83 1.38 -0.01
ASTORIA___4 23517	24.51 1.41 -0.01	22.18 1.31 -0.01	21.38 1.23 -0.01	21.19 1.27 -0.01	21.06 1.27 -0.01	21.19 1.18 0.00	21.51 1.22 0.00	22.14 1.23 0.00	24.98 1.41 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.42 1.55 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.58 2.16 0.00	38.58 3.15 0.00	35.73 2.52 0.00	32.81 2.23 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.72 1.38 0.00	24.83 1.38 -0.01
ASTORIA___5 23518	24.51 1.41 -0.01	22.18 1.31 -0.01	21.38 1.23 -0.01	21.20 1.28 -0.01	21.04 1.25 -0.01	21.19 1.18 0.00	21.47 1.18 0.00	22.14 1.23 0.00	25.05 1.49 0.00	25.74 1.57 0.00	26.27 1.51 0.00	27.17 1.61 0.00	26.77 1.66 0.00	27.57 1.71 0.00	27.34 1.69 0.00	28.16 1.74 0.00	32.61 2.19 0.00	38.58 3.15 0.00	35.76 2.56 0.00	32.84 2.26 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.72 1.38 0.00	24.83 1.38 -0.01
AST_ENERGY_2_CC3 323677	24.32 1.22 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.13 0.00	20.90 1.11 0.00	21.05 1.04 0.00	21.36 1.07 0.00	22.06 1.15 0.00	24.95 1.39 0.00	25.64 1.47 0.00	26.19 1.44 0.00	27.07 1.51 0.00	26.67 1.56 0.00	27.47 1.60 0.00	27.24 1.59 0.00	28.06 1.64 0.00	32.43 2.01 0.00	38.37 2.94 0.00	35.56 2.36 0.00	32.63 2.05 0.00	28.43 1.66 0.00	25.60 1.45 0.00	24.56 1.21 0.00	24.66 1.22 0.00
AST_ENERGY_2_CC4 323678	24.32 1.22 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.13 0.00	20.90 1.11 0.00	21.05 1.04 0.00	21.36 1.07 0.00	22.06 1.15 0.00	24.95 1.39 0.00	25.64 1.47 0.00	26.19 1.44 0.00	27.07 1.51 0.00	26.67 1.56 0.00	27.47 1.60 0.00	27.24 1.59 0.00	28.06 1.64 0.00	32.43 2.01 0.00	38.37 2.94 0.00	35.56 2.36 0.00	32.63 2.05 0.00	28.43 1.66 0.00	25.60 1.45 0.00	24.56 1.21 0.00	24.66 1.22 0.00



ATHENS_STG_1 23668	23.76 0.67 0.00	21.53 0.67 0.00	20.79 0.64 0.00	20.57 0.66 0.00	20.44 0.65 0.00	20.65 0.64 0.00	20.92 0.63 0.00	21.58 0.67 0.00	24.36 0.80 0.00	25.02 0.85 0.00	25.57 0.82 0.00	26.43 0.87 0.00	25.99 0.88 0.00	26.77 0.90 0.00	26.54 0.90 0.00	27.34 0.92 0.00	31.48 1.06 0.00	37.09 1.67 0.00	34.43 1.23 0.00	31.65 1.07 0.00	27.66 0.88 0.00	24.93 0.77 0.00	23.98 0.63 0.00	24.02 0.59 0.00
ATHENS_STG_2 23670	23.76 0.67 0.00	21.53 0.67 0.00	20.79 0.64 0.00	20.57 0.66 0.00	20.44 0.65 0.00	20.65 0.64 0.00	20.92 0.63 0.00	21.58 0.67 0.00	24.36 0.80 0.00	25.02 0.85 0.00	25.57 0.82 0.00	26.43 0.87 0.00	25.99 0.88 0.00	26.77 0.90 0.00	26.54 0.90 0.00	27.34 0.92 0.00	31.48 1.06 0.00	37.09 1.67 0.00	34.43 1.23 0.00	31.65 1.07 0.00	27.66 0.88 0.00	24.93 0.77 0.00	23.98 0.63 0.00	24.02 0.59 0.00
ATHENS_STG_3 23677	23.76 0.67 0.00	21.53 0.67 0.00	20.79 0.64 0.00	20.57 0.66 0.00	20.44 0.65 0.00	20.65 0.64 0.00	20.92 0.63 0.00	21.58 0.67 0.00	24.36 0.80 0.00	25.02 0.85 0.00	25.57 0.82 0.00	26.43 0.87 0.00	25.99 0.88 0.00	26.77 0.90 0.00	26.54 0.90 0.00	27.34 0.92 0.00	31.48 1.06 0.00	37.09 1.67 0.00	34.43 1.23 0.00	31.65 1.07 0.00	27.66 0.88 0.00	24.93 0.77 0.00	23.98 0.63 0.00	24.02 0.59 0.00
AUBURN___LFGE 323710	23.28 0.18 0.00	20.96 0.10 0.00	20.22 0.08 0.00	19.95 0.04 0.00	19.85 0.06 0.00	20.13 0.12 0.00	20.49 0.20 0.00	21.08 0.17 0.00	23.82 0.26 0.00	24.44 0.27 0.00	25.03 0.27 0.00	25.84 0.28 0.00	25.34 0.23 0.00	26.10 0.23 0.00	25.90 0.26 0.00	26.76 0.34 0.00	30.97 0.55 0.00	36.10 0.67 0.00	33.87 0.66 0.00	31.22 0.64 0.00	27.44 0.67 0.00	24.71 0.56 0.00	23.88 0.54 0.00	23.98 0.54 0.00
BABYLON_RES_REC 323704	24.99 1.89 0.00	22.57 1.71 0.00	21.72 1.57 0.00	21.51 1.59 0.00	21.35 1.56 0.00	21.55 1.54 0.00	21.91 1.62 0.00	22.63 1.72 0.00	25.68 2.12 0.00	26.35 2.18 -0.01	26.92 2.15 -0.01	33.15 2.20 -5.39	33.22 2.23 -5.87	33.72 2.30 -5.56	33.71 2.31 -5.76	34.92 2.43 -6.07	43.49 2.95 -10.13	49.52 4.00 -10.09	45.45 3.35 -8.89	41.75 3.00 -8.17	34.93 2.46 -5.70	32.26 2.15 -5.95	29.85 1.94 -4.56	25.31 1.88 0.00
BABYLON__69_KV_BK2 356345	25.26 2.17 0.00	22.82 1.96 0.00	21.94 1.79 0.00	21.72 1.81 0.00	21.61 1.82 0.00	21.77 1.76 0.00	22.09 1.81 0.00	22.86 1.94 0.00	25.82 2.26 0.00	26.59 2.42 0.00	27.13 2.38 0.00	33.33 2.38 -5.39	33.37 2.39 -5.87	33.88 2.46 -5.56	33.99 2.59 -5.76	35.26 2.77 -6.06	43.92 3.38 -10.13	50.09 4.57 -10.09	45.98 3.89 -8.89	42.21 3.46 -8.17	35.31 2.84 -5.70	32.54 2.44 -5.95	30.12 2.22 -4.56	25.62 2.18 0.00
BALL_HILL_WT_PWR 323825	22.08 -1.02 0.00	19.73 -1.13 0.00	19.00 -1.15 0.00	18.74 -1.17 0.00	18.60 -1.19 0.00	18.93 -1.08 0.00	19.38 -0.91 0.00	19.49 -1.42 0.00	22.03 -1.53 0.00	22.65 -1.52 0.00	23.20 -1.56 0.00	23.80 -1.76 0.00	23.33 -1.78 0.00	24.18 -1.68 0.00	24.13 -1.51 0.00	24.92 -1.50 0.00	29.08 -1.34 0.00	33.87 -1.56 0.00	31.68 -1.53 0.00	29.51 -1.07 0.00	26.32 -0.46 0.00	23.89 -0.27 0.00	23.30 -0.05 0.00	23.53 0.09 0.00
BARON_WINDS___WT_PWR 323822	22.91 -0.19 0.00	20.61 -0.25 0.00	19.88 -0.26 0.00	19.63 -0.28 0.00	19.51 -0.28 0.00	19.81 -0.20 0.00	20.19 -0.10 0.00	20.72 -0.19 0.00	23.42 -0.14 0.00	24.00 -0.17 0.00	24.58 -0.17 0.00	25.31 -0.26 0.00	24.89 -0.23 0.00	25.66 -0.21 0.00	25.54 -0.10 0.00	26.45 0.03 0.00	30.72 0.30 0.00	35.89 0.46 0.00	33.70 0.50 0.00	31.22 0.64 0.00	27.60 0.83 0.00	24.95 0.80 0.00	24.16 0.82 0.00	24.24 0.80 0.00
BARRETT_IC_1 23704	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.35 1.44 0.00	25.35 1.79 0.00	26.04 1.86 -0.01	26.62 1.86 -0.01	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.58 2.09 -6.07	43.04 2.49 -10.13	49.00 3.47 -10.10	44.96 2.86 -8.90	41.29 2.54 -8.17	34.58 2.11 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00
BARRETT_IC_10 23701	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.35 1.44 0.00	25.35 1.79 0.00	26.04 1.86 -0.01	26.62 1.86 -0.01	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.58 2.09 -6.07	43.04 2.49 -10.13	49.00 3.47 -10.10	44.96 2.86 -8.90	41.29 2.54 -8.17	34.58 2.11 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00
BARRETT_IC_11 23702	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.35 1.44 0.00	25.35 1.79 0.00	26.04 1.86 -0.01	26.62 1.86 -0.01	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.58 2.09 -6.07	43.04 2.49 -10.13	49.00 3.47 -10.10	44.96 2.86 -8.90	41.29 2.54 -8.17	34.58 2.11 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00
BARRETT_IC_12 23703	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.35 1.44 0.00	25.35 1.79 0.00	26.04 1.86 -0.01	26.62 1.86 -0.01	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.58 2.09 -6.07	43.04 2.49 -10.13	49.00 3.47 -10.10	44.96 2.86 -8.90	41.29 2.54 -8.17	34.58 2.11 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00
BARRETT_IC_2 23705	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.35 1.44 0.00	25.35 1.79 0.00	26.04 1.86 -0.01	26.62 1.86 -0.01	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.58 2.09 -6.07	43.04 2.49 -10.13	49.00 3.47 -10.10	44.96 2.86 -8.90	41.29 2.54 -8.17	34.58 2.11 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00
BARRETT_IC_3 23706	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.35 1.44 0.00	25.35 1.79 0.00	26.04 1.86 -0.01	26.62 1.86 -0.01	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.58 2.09 -6.07	43.04 2.49 -10.13	49.00 3.47 -10.10	44.96 2.86 -8.90	41.29 2.54 -8.17	34.58 2.11 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00
BARRETT_IC_4 23707	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.35 1.44 0.00	25.35 1.79 0.00	26.04 1.86 -0.01	26.62 1.86 -0.01	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.58 2.09 -6.07	43.04 2.49 -10.13	49.00 3.47 -10.10	44.96 2.86 -8.90	41.29 2.54 -8.17	34.58 2.11 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00



BARRETT_IC_5 23708	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.35 1.44 0.00	25.35 1.79 0.00	26.04 1.86 -0.01	26.62 1.86 -0.01	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.58 2.09 -6.07	43.04 2.49 -10.13	49.00 3.47 -10.10	44.96 2.86 -8.90	41.29 2.54 -8.17	34.58 2.11 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00
BARRETT_IC_6 23709	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.35 1.44 0.00	25.35 1.79 0.00	26.04 1.86 -0.01	26.62 1.86 -0.01	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.58 2.09 -6.07	43.04 2.49 -10.13	49.00 3.47 -10.10	44.96 2.86 -8.90	41.29 2.54 -8.17	34.58 2.11 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00
BARRETT_IC_7 23710	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.63 1.34 0.00	22.35 1.44 0.00	25.24 1.67 0.00	26.01 1.84 0.00	26.56 1.81 0.00	32.79 1.84 -5.39	32.82 1.83 -5.87	33.31 1.89 -5.56	33.40 2.00 -5.76	34.57 2.09 -6.06	43.01 2.46 -10.13	48.99 3.47 -10.09	44.95 2.86 -8.89	41.26 2.51 -8.17	34.56 2.09 -5.70	31.96 1.86 -5.95	29.51 1.61 -4.56	24.99 1.55 0.00
BARRETT_IC_8 23711	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.35 1.44 0.00	25.35 1.79 0.00	26.04 1.86 -0.01	26.62 1.86 -0.01	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.58 2.09 -6.07	43.04 2.49 -10.13	49.00 3.47 -10.10	44.96 2.86 -8.90	41.29 2.54 -8.17	34.58 2.11 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00
BARRETT_IC_9 23700	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.35 1.44 0.00	25.35 1.79 0.00	26.04 1.86 0.00	26.62 1.86 0.00	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.58 2.09 -6.07	43.04 2.49 -10.13	49.00 3.47 -10.10	44.96 2.86 -8.90	41.29 2.54 -8.17	34.58 2.11 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00
BARRETT___1 23545	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.35 1.44 0.00	25.35 1.79 0.00	26.04 1.86 -0.01	26.62 1.86 -0.01	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.58 2.09 -6.07	43.04 2.49 -10.13	49.00 3.47 -10.10	44.96 2.86 -8.90	41.29 2.54 -8.17	34.58 2.11 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00
BARRETT___2 23546	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.35 1.44 0.00	25.35 1.79 0.00	26.04 1.86 -0.01	26.62 1.86 -0.01	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.58 2.09 -6.07	43.04 2.49 -10.13	49.00 3.47 -10.10	44.96 2.86 -8.90	41.29 2.54 -8.17	34.58 2.11 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00
BATAVIA__115KV_TB1 55881	22.29 -0.81 0.00	19.92 -0.94 0.00	19.18 -0.97 0.00	18.90 -1.02 0.00	18.78 -1.01 0.00	19.13 -0.88 0.00	19.54 -0.75 0.00	19.70 -1.21 0.00	22.36 -1.20 0.00	22.82 -1.35 0.00	23.32 -1.44 0.00	24.13 -1.43 0.00	23.56 -1.56 0.00	24.31 -1.55 0.00	24.41 -1.23 0.00	25.15 -1.27 0.00	29.35 -1.06 0.00	34.05 -1.38 0.00	31.94 -1.26 0.00	29.76 -0.83 0.00	26.40 -0.37 0.00	23.91 -0.24 0.00	23.30 -0.05 0.00	23.53 0.09 0.00
BAYONEEC___CTG1 323682	24.34 1.25 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.13 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.38 1.09 0.00	22.08 1.17 0.00	25.00 1.44 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.12 1.56 0.00	26.72 1.61 0.00	27.49 1.63 0.00	27.26 1.62 0.00	28.09 1.67 0.00	32.46 2.04 0.00	38.40 2.98 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.68 1.24 0.00
BAYONEEC___CTG10 323750	24.34 1.25 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.13 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.38 1.09 0.00	22.08 1.17 0.00	25.00 1.44 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.12 1.56 0.00	26.72 1.61 0.00	27.49 1.63 0.00	27.26 1.62 0.00	28.09 1.67 0.00	32.46 2.04 0.00	38.40 2.98 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.68 1.24 0.00
BAYONEEC___CTG2 323683	24.34 1.25 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.13 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.38 1.09 0.00	22.08 1.17 0.00	25.00 1.44 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.12 1.56 0.00	26.72 1.61 0.00	27.49 1.63 0.00	27.26 1.62 0.00	28.09 1.67 0.00	32.46 2.04 0.00	38.40 2.98 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.68 1.24 0.00
BAYONEEC___CTG3 323684	24.34 1.25 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.13 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.38 1.09 0.00	22.08 1.17 0.00	25.00 1.44 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.12 1.56 0.00	26.72 1.61 0.00	27.49 1.63 0.00	27.26 1.62 0.00	28.09 1.67 0.00	32.46 2.04 0.00	38.40 2.98 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.68 1.24 0.00
BAYONEEC___CTG4 323685	24.34 1.25 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.13 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.38 1.09 0.00	22.08 1.17 0.00	25.00 1.44 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.12 1.56 0.00	26.72 1.61 0.00	27.49 1.63 0.00	27.26 1.62 0.00	28.09 1.67 0.00	32.46 2.04 0.00	38.40 2.98 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.68 1.24 0.00
BAYONEEC___CTG5 323686	24.34 1.25 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.13 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.38 1.09 0.00	22.08 1.17 0.00	25.00 1.44 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.12 1.56 0.00	26.72 1.61 0.00	27.49 1.63 0.00	27.26 1.62 0.00	28.09 1.67 0.00	32.46 2.04 0.00	38.40 2.98 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.68 1.24 0.00
BAYONEEC___CTG6 323687	24.34 1.25 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.13 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.38 1.09 0.00	22.08 1.17 0.00	25.00 1.44 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.12 1.56 0.00	26.72 1.61 0.00	27.49 1.63 0.00	27.26 1.62 0.00	28.09 1.67 0.00	32.46 2.04 0.00	38.40 2.98 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.68 1.24 0.00



BAYONEEC___CTG7 323688	24.34 1.25 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.13 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.38 1.09 0.00	22.08 1.17 0.00	25.00 1.44 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.12 1.56 0.00	26.72 1.61 0.00	27.49 1.63 0.00	27.26 1.62 0.00	28.09 1.67 0.00	32.46 2.04 0.00	38.40 2.98 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.68 1.24 0.00
BAYONEEC___CTG8 323689	24.34 1.25 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.13 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.38 1.09 0.00	22.08 1.17 0.00	25.00 1.44 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.12 1.56 0.00	26.72 1.61 0.00	27.49 1.63 0.00	27.26 1.62 0.00	28.09 1.67 0.00	32.46 2.04 0.00	38.40 2.98 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.68 1.24 0.00
BAYONEEC___CTG9 323749	24.34 1.25 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.13 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.38 1.09 0.00	22.08 1.17 0.00	25.00 1.44 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.12 1.56 0.00	26.72 1.61 0.00	27.49 1.63 0.00	27.26 1.62 0.00	28.09 1.67 0.00	32.46 2.04 0.00	38.40 2.98 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.68 1.24 0.00
BEACON___LESR 323632	23.74 0.65 0.00	21.53 0.67 0.00	20.79 0.64 0.00	20.57 0.66 0.00	20.46 0.67 0.00	20.69 0.68 0.00	20.96 0.67 0.00	21.64 0.73 0.00	24.44 0.87 0.00	25.02 0.85 0.00	25.60 0.84 0.00	26.43 0.87 0.00	25.99 0.88 0.00	26.77 0.90 0.00	26.57 0.92 0.00	27.37 0.95 0.00	31.48 1.06 0.00	37.09 1.67 0.00	34.37 1.16 0.00	31.56 0.98 0.00	27.60 0.83 0.00	24.90 0.75 0.00	23.98 0.63 0.00	23.93 0.49 0.00
BEAVER RIVER___HYD 24048	22.56 -0.53 0.00	20.32 -0.54 0.00	19.62 -0.52 0.00	19.39 -0.52 0.00	19.28 -0.51 0.00	19.43 -0.58 0.00	19.72 -0.57 0.00	20.39 -0.52 0.00	23.00 -0.57 0.00	23.57 -0.60 0.00	24.19 -0.57 0.00	25.02 -0.54 0.00	24.58 -0.53 0.00	25.37 -0.49 0.00	25.16 -0.49 0.00	25.97 -0.45 0.00	30.14 -0.27 0.00	35.04 -0.39 0.00	32.94 -0.27 0.00	30.40 -0.18 0.00	26.72 -0.05 0.00	23.94 -0.22 0.00	23.09 -0.26 0.00	23.20 -0.23 0.00
BEEBEE_GT_13 23619	22.35 -0.74 0.00	20.05 -0.81 0.00	19.32 -0.83 0.00	19.06 -0.86 0.00	18.94 -0.85 0.00	19.23 -0.78 0.00	19.62 -0.67 0.00	19.97 -0.94 0.00	22.60 -0.97 0.00	23.11 -1.06 0.00	23.64 -1.11 0.00	24.46 -1.10 0.00	23.96 -1.16 0.00	24.67 -1.19 0.00	24.65 -1.00 0.00	25.39 -1.03 0.00	29.44 -0.97 0.00	34.22 -1.20 0.00	32.11 -1.10 0.00	29.76 -0.83 0.00	26.29 -0.48 0.00	23.79 -0.36 0.00	23.14 -0.21 0.00	23.32 -0.12 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.65 1.55 -0.01	22.24 1.38 -0.01	21.44 1.29 -0.01	21.24 1.31 -0.01	21.08 1.29 -0.01	21.27 1.26 0.00	21.59 1.30 0.00	22.21 1.30 0.00	25.00 1.44 0.00	25.77 1.60 0.00	26.27 1.51 0.00	27.09 1.53 0.00	26.67 1.56 0.00	27.49 1.63 0.00	27.42 1.77 0.00	28.27 1.85 0.00	32.82 2.40 0.00	39.01 3.58 0.00	36.13 2.92 0.00	33.15 2.57 0.00	28.75 1.98 0.00	25.89 1.74 0.00	24.93 1.59 0.00	24.97 1.52 -0.01
BETHLEHEM___GRP 23843	23.26 0.16 0.00	21.13 0.27 0.00	20.43 0.28 0.00	20.21 0.30 0.00	20.09 0.30 0.00	20.29 0.28 0.00	20.55 0.26 0.00	21.22 0.31 0.00	23.87 0.31 0.00	24.46 0.29 0.00	25.05 0.30 0.00	25.84 0.28 0.00	25.39 0.28 0.00	26.15 0.28 0.00	25.98 0.33 0.00	26.79 0.37 0.00	30.81 0.40 0.00	36.31 0.89 0.00	33.67 0.46 0.00	30.92 0.34 0.00	27.01 0.24 0.00	24.40 0.24 0.00	23.53 0.19 0.00	23.46 0.02 0.00
BETHLEHEM___GS1 323560	23.26 0.16 0.00	21.13 0.27 0.00	20.43 0.28 0.00	20.21 0.30 0.00	20.09 0.30 0.00	20.29 0.28 0.00	20.55 0.26 0.00	21.23 0.31 0.00	23.92 0.35 0.00	24.51 0.34 0.00	25.05 0.30 0.00	25.89 0.33 0.00	25.49 0.38 0.00	26.25 0.39 0.00	26.00 0.36 0.00	26.79 0.37 0.00	30.81 0.39 0.00	36.31 0.89 0.00	33.67 0.46 0.00	30.92 0.34 0.00	27.01 0.24 0.00	24.40 0.24 0.00	23.53 0.19 0.00	23.46 0.02 0.00
BETHLEHEM___GS2 323561	23.26 0.16 0.00	21.13 0.27 0.00	20.43 0.28 0.00	20.21 0.30 0.00	20.09 0.30 0.00	20.29 0.28 0.00	20.55 0.26 0.00	21.23 0.31 0.00	23.92 0.35 0.00	24.51 0.34 0.00	25.05 0.30 0.00	25.89 0.33 0.00	25.49 0.38 0.00	26.25 0.39 0.00	26.00 0.36 0.00	26.79 0.37 0.00	30.81 0.39 0.00	36.31 0.89 0.00	33.67 0.46 0.00	30.92 0.34 0.00	27.01 0.24 0.00	24.40 0.24 0.00	23.53 0.19 0.00	23.46 0.02 0.00
BETHLEHEM___GS3 323562	23.26 0.16 0.00	21.13 0.27 0.00	20.43 0.28 0.00	20.21 0.30 0.00	20.09 0.30 0.00	20.29 0.28 0.00	20.55 0.26 0.00	21.23 0.31 0.00	23.92 0.35 0.00	24.51 0.34 0.00	25.05 0.30 0.00	25.89 0.33 0.00	25.49 0.38 0.00	26.25 0.39 0.00	26.00 0.36 0.00	26.79 0.37 0.00	30.81 0.39 0.00	36.31 0.89 0.00	33.67 0.46 0.00	30.92 0.34 0.00	27.01 0.24 0.00	24.40 0.24 0.00	23.53 0.19 0.00	23.46 0.02 0.00
BETHLEHEM___STEEL 23779	22.01 -1.09 0.00	19.67 -1.19 0.00	18.93 -1.21 0.00	18.68 -1.23 0.00	18.54 -1.25 0.00	18.89 -1.12 0.00	19.30 -0.99 0.00	19.38 -1.53 0.00	21.96 -1.60 0.00	22.41 -1.76 0.00	22.90 -1.86 0.00	23.72 -1.84 0.00	23.20 -1.91 0.00	23.90 -1.97 0.00	24.03 -1.62 0.00	24.81 -1.61 0.00	28.99 -1.43 0.00	33.59 -1.84 0.00	31.48 -1.73 0.00	29.36 -1.22 0.00	26.16 -0.62 0.00	23.74 -0.41 0.00	23.18 -0.16 0.00	23.41 -0.02 0.00
BETHLHEM_115KV_TB1 79974	23.32 0.23 0.00	21.19 0.33 0.00	20.49 0.34 0.00	20.25 0.34 0.00	20.13 0.34 0.00	20.33 0.32 0.00	20.59 0.30 0.00	21.27 0.36 0.00	23.92 0.35 0.00	24.51 0.34 0.00	25.10 0.35 0.00	25.92 0.36 0.00	25.46 0.35 0.00	26.23 0.36 0.00	26.06 0.41 0.00	26.87 0.45 0.00	30.87 0.46 0.00	36.42 0.99 0.00	33.77 0.56 0.00	31.01 0.43 0.00	27.09 0.32 0.00	24.47 0.31 0.00	23.58 0.23 0.00	23.53 0.09 0.00
BETHPAGE_CC_5 323564	24.90 1.80 0.00	22.51 1.65 0.00	21.63 1.49 0.00	21.45 1.53 0.00	21.29 1.50 0.00	21.49 1.48 0.00	21.83 1.54 0.00	22.56 1.65 0.00	25.59 2.03 0.00	26.28 2.10 -0.01	26.82 2.05 -0.01	33.07 2.12 -5.39	33.12 2.13 -5.87	33.64 2.22 -5.56	33.56 2.15 -5.76	34.73 2.24 -6.07	43.25 2.71 -10.13	49.24 3.72 -10.10	45.19 3.09 -8.89	41.50 2.75 -8.17	34.74 2.27 -5.70	32.16 2.05 -5.95	29.71 1.80 -4.56	25.17 1.73 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.10 -0.99 0.00	19.75 -1.11 0.00	19.02 -1.13 0.00	18.74 -1.17 0.00	18.62 -1.17 0.00	18.97 -1.04 0.00	19.38 -0.91 0.00	19.49 -1.42 0.00	22.08 -1.48 0.00	22.53 -1.64 0.00	23.02 -1.73 0.00	23.85 -1.71 0.00	23.33 -1.78 0.00	24.05 -1.81 0.00	24.16 -1.49 0.00	24.94 -1.48 0.00	29.14 -1.28 0.00	33.80 -1.63 0.00	31.68 -1.53 0.00	29.54 -1.04 0.00	26.32 -0.46 0.00	23.89 -0.27 0.00	23.30 -0.05 0.00	23.53 0.09 0.00



BINGHAMTON___COGEN 23790	23.21 0.12 0.00	20.90 0.04 0.00	20.18 0.04 0.00	19.93 0.02 0.00	19.81 0.02 0.00	20.07 0.06 0.00	20.41 0.12 0.00	20.97 0.06 0.00	23.66 0.09 0.00	24.24 0.07 0.00	24.80 0.05 0.00	25.61 0.05 0.00	25.11 0.00 0.00	25.86 0.00 0.00	25.75 0.10 0.00	26.58 0.16 0.00	30.72 0.30 0.00	35.89 0.46 0.00	33.57 0.37 0.00	30.98 0.40 0.00	27.25 0.48 0.00	24.59 0.43 0.00	23.77 0.42 0.00	23.86 0.42 0.00
BIXINCNT_115KV_LOAD 355685	21.82 -1.27 0.00	19.50 -1.36 0.00	18.75 -1.39 0.00	18.46 -1.45 0.00	18.29 -1.50 0.00	18.65 -1.36 0.00	19.07 -1.22 0.00	19.26 -1.65 0.00	21.80 -1.77 0.00	22.26 -1.91 0.00	22.92 -1.83 0.00	23.62 -1.94 0.00	23.20 -1.91 0.00	24.08 -1.78 0.00	23.98 -1.67 0.00	24.89 -1.53 0.00	29.26 -1.16 0.00	34.22 -1.20 0.00	32.14 -1.06 0.00	30.03 -0.55 0.00	26.83 0.05 0.00	24.35 0.19 0.00	23.67 0.33 0.00	23.81 0.38 0.00
BLACK RIVER___HYD 24047	22.68 -0.42 0.00	20.42 -0.44 0.00	19.70 -0.44 0.00	19.47 -0.44 0.00	19.37 -0.42 0.00	19.55 -0.46 0.00	19.88 -0.41 0.00	20.54 -0.38 0.00	23.16 -0.40 0.00	23.74 -0.43 0.00	24.33 -0.42 0.00	25.15 -0.41 0.00	24.71 -0.40 0.00	25.53 -0.34 0.00	25.31 -0.33 0.00	26.18 -0.24 0.00	30.36 -0.06 0.00	35.36 -0.07 0.00	33.21 0.00 0.00	30.58 0.00 0.00	26.93 0.16 0.00	24.08 -0.07 0.00	23.21 -0.14 0.00	23.30 -0.14 0.00
BLACKRVR_115KV_TB2 79977	22.68 -0.42 0.00	20.42 -0.44 0.00	19.70 -0.44 0.00	19.47 -0.44 0.00	19.37 -0.42 0.00	19.55 -0.46 0.00	19.88 -0.41 0.00	20.53 -0.38 0.00	23.19 -0.38 0.00	23.73 -0.44 0.00	24.36 -0.40 0.00	25.18 -0.38 0.00	24.76 -0.35 0.00	25.58 -0.28 0.00	25.31 -0.33 0.00	26.18 -0.24 0.00	30.36 -0.06 0.00	35.36 -0.07 0.00	33.21 0.00 0.00	30.58 0.00 0.00	26.93 0.16 0.00	24.08 -0.07 0.00	23.21 -0.14 0.00	23.30 -0.14 0.00
BLISS_WT_PWR 323608	21.62 -1.48 0.00	19.32 -1.54 0.00	18.57 -1.57 0.00	18.26 -1.65 0.00	18.11 -1.68 0.00	18.45 -1.56 0.00	18.87 -1.42 0.00	19.05 -1.86 0.00	21.58 -1.98 0.00	22.14 -2.03 0.00	22.90 -1.86 0.00	23.39 -2.17 0.00	23.10 -2.01 0.00	24.13 -1.73 0.00	23.83 -1.82 0.00	24.73 -1.69 0.00	29.05 -1.37 0.00	34.19 -1.24 0.00	32.08 -1.13 0.00	29.97 -0.61 0.00	26.80 0.03 0.00	24.35 0.19 0.00	23.63 0.28 0.00	23.79 0.35 0.00
BLUESTONE___WT_PWR 323821	24.50 1.41 0.00	22.05 1.19 0.00	21.29 1.15 0.00	21.03 1.11 0.00	20.88 1.09 0.00	21.15 1.14 0.00	21.57 1.28 0.00	22.21 1.30 0.00	25.09 1.53 0.00	25.67 1.50 0.00	26.27 1.51 0.00	27.15 1.59 0.00	26.67 1.56 0.00	27.49 1.63 0.00	27.34 1.69 0.00	28.30 1.88 0.00	32.70 2.28 0.00	38.23 2.80 0.00	35.80 2.59 0.00	32.97 2.39 0.00	29.05 2.27 0.00	26.04 1.89 0.00	25.07 1.73 0.00	25.15 1.71 0.00
BLUE_CIRC_CHEM_DRP 24182	23.67 0.58 0.00	21.44 0.58 0.00	20.73 0.58 0.00	20.51 0.60 0.00	20.38 0.59 0.00	20.59 0.58 0.00	20.84 0.55 0.00	21.50 0.59 0.00	24.22 0.66 0.00	24.82 0.65 0.00	25.42 0.67 0.00	26.23 0.66 0.00	25.77 0.65 0.00	26.54 0.67 0.00	26.39 0.74 0.00	27.21 0.79 0.00	31.30 0.88 0.00	36.81 1.38 0.00	34.17 0.96 0.00	31.38 0.80 0.00	27.44 0.67 0.00	24.78 0.63 0.00	23.88 0.54 0.00	23.86 0.42 0.00
BOC_GAS_DRP 24189	23.51 0.42 0.00	21.30 0.44 0.00	20.59 0.44 0.00	20.35 0.44 0.00	20.23 0.44 0.00	20.43 0.42 0.00	20.69 0.41 0.00	21.35 0.44 0.00	24.06 0.49 0.00	24.68 0.51 0.00	25.28 0.52 0.00	26.07 0.51 0.00	25.62 0.50 0.00	26.38 0.52 0.00	26.21 0.56 0.00	27.03 0.61 0.00	31.09 0.67 0.00	36.56 1.13 0.00	33.97 0.76 0.00	31.22 0.64 0.00	27.28 0.51 0.00	24.61 0.46 0.00	23.72 0.37 0.00	23.74 0.30 0.00
BOONVILLE_115KV_TB1 79983	23.28 0.18 0.00	21.01 0.15 0.00	20.28 0.14 0.00	20.05 0.14 0.00	19.93 0.14 0.00	20.13 0.12 0.00	20.45 0.16 0.00	21.10 0.19 0.00	23.82 0.26 0.00	24.41 0.24 0.00	25.03 0.27 0.00	25.87 0.31 0.00	25.44 0.33 0.00	26.23 0.36 0.00	26.00 0.36 0.00	26.84 0.42 0.00	31.06 0.64 0.00	36.21 0.78 0.00	33.94 0.73 0.00	31.22 0.64 0.00	27.44 0.67 0.00	24.64 0.48 0.00	23.74 0.40 0.00	23.81 0.38 0.00
BORALEX_4TH_BRANCH 23824	24.04 0.95 0.00	21.80 0.94 0.00	21.03 0.89 0.00	20.79 0.88 0.00	20.66 0.87 0.00	20.85 0.84 0.00	21.16 0.87 0.00	21.85 0.94 0.00	24.65 1.08 0.00	25.33 1.16 0.00	25.94 1.19 0.00	26.76 1.20 0.00	26.27 1.16 0.00	27.05 1.19 0.00	26.88 1.23 0.00	27.66 1.24 0.00	31.70 1.28 0.00	37.66 2.23 0.00	34.73 1.53 0.00	31.84 1.25 0.00	27.76 0.99 0.00	25.05 0.89 0.00	24.07 0.72 0.00	24.02 0.59 0.00
BOWLINE___1 23526	24.13 1.04 0.00	21.84 0.98 0.00	21.05 0.91 0.00	20.85 0.94 0.00	20.72 0.93 0.00	20.91 0.90 0.00	21.20 0.91 0.00	21.89 0.98 0.00	24.79 1.22 0.00	25.45 1.28 0.00	25.99 1.24 0.00	26.86 1.30 0.00	26.44 1.33 0.00	27.21 1.34 0.00	27.00 1.36 0.00	27.85 1.43 0.00	32.09 1.67 0.00	37.94 2.52 0.00	35.16 1.96 0.00	32.29 1.71 0.00	28.19 1.42 0.00	25.39 1.23 0.00	24.35 1.00 0.00	24.40 0.96 0.00
BOWLINE___2 23595	24.13 1.04 0.00	21.84 0.98 0.00	21.05 0.91 0.00	20.85 0.94 0.00	20.72 0.93 0.00	20.91 0.90 0.00	21.20 0.91 0.00	21.89 0.98 0.00	24.79 1.22 0.00	25.45 1.28 0.00	25.99 1.24 0.00	26.86 1.30 0.00	26.44 1.33 0.00	27.23 1.37 0.00	27.00 1.36 0.00	27.85 1.43 0.00	32.09 1.67 0.00	37.94 2.52 0.00	35.16 1.96 0.00	32.29 1.71 0.00	28.19 1.42 0.00	25.39 1.23 0.00	24.35 1.00 0.00	24.40 0.96 0.00
BRADY___115KV_TB2 356060	23.26 0.16 0.00	20.96 0.10 0.00	20.24 0.10 0.00	19.97 0.06 0.00	19.85 0.06 0.00	20.01 0.00 0.00	20.25 -0.04 0.00	20.95 0.04 0.00	23.61 0.05 0.00	24.22 0.05 0.00	24.85 0.10 0.00	25.74 0.18 0.00	25.31 0.20 0.00	26.10 0.23 0.00	25.80 0.15 0.00	26.55 0.13 0.00	30.48 0.06 0.00	34.83 -0.60 0.00	33.01 -0.20 0.00	30.67 0.09 0.00	26.85 0.08 0.00	24.11 -0.05 0.00	23.32 -0.02 0.00	23.51 0.07 0.00
BRANSCOMB___SOLAR 323811	24.18 1.09 0.00	21.88 1.02 0.00	21.11 0.97 0.00	20.89 0.98 0.00	20.70 0.91 0.00	20.91 0.90 0.00	21.20 0.91 0.00	21.83 0.92 0.00	24.69 1.13 0.00	25.33 1.16 0.00	25.94 1.19 0.00	26.81 1.25 0.00	26.37 1.26 0.00	27.16 1.29 0.00	26.93 1.28 0.00	27.79 1.37 0.00	32.00 1.58 0.00	37.66 2.23 0.00	34.90 1.69 0.00	32.02 1.44 0.00	28.01 1.23 0.00	25.29 1.14 0.00	24.30 0.96 0.00	24.33 0.89 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	25.20 2.10 0.00	22.76 1.90 0.00	21.88 1.73 0.00	21.69 1.77 0.00	21.55 1.76 0.00	21.73 1.72 0.00	22.03 1.74 0.00	22.81 1.90 0.00	25.75 2.19 0.00	26.51 2.34 0.00	27.06 2.30 0.00	33.23 2.27 -5.39	33.24 2.26 -5.87	33.75 2.33 -5.56	33.86 2.46 -5.76	35.10 2.62 -6.06	43.77 3.22 -10.13	49.88 4.36 -10.09	45.75 3.65 -8.89	42.05 3.30 -8.17	35.15 2.68 -5.70	32.42 2.32 -5.95	30.03 2.12 -4.56	25.55 2.11 0.00



BRISTLHL_115KV_TB1 79998	22.61 -0.48 0.00	20.40 -0.46 0.00	19.70 -0.44 0.00	19.45 -0.46 0.00	19.33 -0.46 0.00	19.57 -0.44 0.00	19.88 -0.41 0.00	20.47 -0.44 0.00	23.07 -0.49 0.00	23.66 -0.51 0.00	24.24 -0.52 0.00	25.02 -0.54 0.00	24.56 -0.55 0.00	25.29 -0.57 0.00	25.00 -0.64 0.00	25.76 -0.66 0.00	29.72 -0.70 0.00	34.72 -0.71 0.00	32.51 -0.70 0.00	29.94 -0.64 0.00	26.26 -0.51 0.00	23.70 -0.46 0.00	23.00 -0.35 0.00	23.11 -0.33 0.00
BROOKHAVEN___DRP 24191	25.17 2.08 0.00	22.74 1.88 0.00	21.86 1.71 0.00	21.67 1.75 0.00	21.55 1.76 0.00	21.69 1.68 0.00	22.01 1.72 0.00	22.79 1.88 0.00	25.73 2.17 0.00	26.42 2.25 0.00	26.86 2.10 0.00	32.89 1.94 -5.39	32.94 1.96 -5.87	33.44 2.02 -5.56	33.58 2.18 -5.76	34.84 2.35 -6.06	43.68 3.13 -10.13	49.67 4.14 -10.09	45.62 3.52 -8.89	42.05 3.30 -8.17	34.96 2.49 -5.70	32.23 2.13 -5.95	29.94 2.03 -4.56	25.55 2.11 0.00
BROOKLYN_NAVY_YARD 23515	24.36 1.27 0.00	22.05 1.19 0.00	21.23 1.09 0.00	21.07 1.15 0.00	20.94 1.15 0.00	21.09 1.08 0.00	21.40 1.12 0.00	22.12 1.21 0.00	25.02 1.46 0.00	25.72 1.55 0.00	26.27 1.51 0.00	27.15 1.59 0.00	26.74 1.63 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.14 1.72 0.00	32.55 2.13 0.00	38.51 3.08 0.00	35.66 2.46 0.00	32.75 2.17 0.00	28.54 1.77 0.00	25.68 1.52 0.00	24.63 1.28 0.00	24.70 1.26 0.00
BROOKLYN___ARMY_DRP 323595	24.56 1.45 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
BROOKVLE_69_KV_TB1 55790	24.85 1.76 0.00	22.44 1.59 0.00	21.59 1.45 0.00	21.39 1.47 0.00	21.25 1.46 0.00	21.43 1.42 0.00	21.75 1.46 0.00	22.50 1.59 0.00	25.42 1.86 0.00	26.18 2.01 0.00	26.76 2.01 0.00	33.00 2.04 -5.39	33.02 2.03 -5.87	33.52 2.09 -5.56	33.61 2.21 -5.76	34.81 2.33 -6.06	43.19 2.65 -10.13	49.24 3.72 -10.09	45.15 3.05 -8.89	41.44 2.69 -8.17	34.80 2.33 -5.70	32.15 2.05 -5.95	29.70 1.80 -4.56	25.15 1.71 0.00
BROOME_2_LFGE 323671	23.21 0.12 0.00	20.90 0.04 0.00	20.18 0.04 0.00	19.93 0.02 0.00	19.83 0.04 0.00	20.07 0.06 0.00	20.41 0.12 0.00	20.97 0.06 0.00	23.66 0.09 0.00	24.27 0.10 0.00	24.85 0.10 0.00	25.61 0.05 0.00	25.16 0.05 0.00	25.92 0.05 0.00	25.75 0.10 0.00	26.58 0.16 0.00	30.72 0.30 0.00	35.92 0.50 0.00	33.57 0.37 0.00	30.98 0.40 0.00	27.23 0.45 0.00	24.59 0.44 0.00	23.77 0.42 0.00	23.86 0.42 0.00
BROOME___LFGE 323600	23.21 0.12 0.00	20.90 0.04 0.00	20.18 0.04 0.00	19.93 0.02 0.00	19.83 0.04 0.00	20.07 0.06 0.00	20.41 0.12 0.00	20.97 0.06 0.00	23.66 0.09 0.00	24.27 0.10 0.00	24.85 0.10 0.00	25.61 0.05 0.00	25.16 0.05 0.00	25.92 0.05 0.00	25.75 0.10 0.00	26.58 0.16 0.00	30.72 0.30 0.00	35.92 0.50 0.00	33.57 0.37 0.00	30.98 0.40 0.00	27.23 0.45 0.00	24.59 0.44 0.00	23.77 0.42 0.00	23.86 0.42 0.00
BROWNFLS_115KV_TB_3_5 80003	22.54 -0.55 0.00	20.32 -0.54 0.00	19.60 -0.54 0.00	19.36 -0.56 0.00	19.26 -0.53 0.00	19.35 -0.66 0.00	19.58 -0.71 0.00	20.26 -0.65 0.00	22.86 -0.71 0.00	23.44 -0.73 0.00	24.04 -0.72 0.00	24.92 -0.64 0.00	24.54 -0.58 0.00	25.29 -0.57 0.00	25.03 -0.62 0.00	25.79 -0.63 0.00	29.75 -0.67 0.00	34.29 -1.13 0.00	32.38 -0.83 0.00	29.94 -0.64 0.00	26.26 -0.51 0.00	23.55 -0.60 0.00	22.79 -0.56 0.00	22.99 -0.45 0.00
BROWNSV1_27_KV_LOAD 356125	24.55 1.45 0.00	22.22 1.36 0.00	21.39 1.25 0.00	21.23 1.31 0.00	21.08 1.29 0.00	21.23 1.22 0.00	21.57 1.28 0.00	22.27 1.36 0.00	25.14 1.58 0.00	25.89 1.72 0.00	26.41 1.66 0.00	27.22 1.66 0.00	26.80 1.68 0.00	27.60 1.73 0.00	27.49 1.85 0.00	28.35 1.93 0.00	32.79 2.37 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.75 1.98 0.00	25.87 1.72 0.00	24.84 1.49 0.00	24.92 1.48 0.00
BURROWS___LYONSDAL 23803	23.09 0.00 0.00	20.84 -0.02 0.00	20.10 -0.04 0.00	19.87 -0.04 0.00	19.75 -0.04 0.00	19.95 -0.06 0.00	20.27 -0.02 0.00	20.93 0.02 0.00	23.61 0.05 0.00	24.22 0.05 0.00	24.83 0.07 0.00	25.64 0.08 0.00	25.24 0.13 0.00	26.02 0.16 0.00	25.80 0.15 0.00	26.63 0.21 0.00	30.87 0.46 0.00	35.99 0.57 0.00	33.70 0.50 0.00	31.07 0.49 0.00	27.28 0.51 0.00	24.49 0.34 0.00	23.60 0.26 0.00	23.70 0.26 0.00
CAITHNESS_CC_1 323624	25.13 2.03 0.00	22.70 1.84 0.00	21.81 1.67 0.00	21.60 1.69 0.00	21.47 1.68 0.00	21.65 1.64 0.00	22.05 1.76 0.00	22.73 1.82 0.00	25.85 2.28 0.00	26.43 2.25 -0.01	26.89 2.13 -0.01	33.00 2.05 -5.39	33.07 2.08 -5.87	33.59 2.17 -5.56	33.61 2.21 -5.76	34.84 2.35 -6.07	43.65 3.10 -10.13	49.52 4.00 -10.09	45.55 3.45 -8.89	41.96 3.21 -8.17	34.93 2.46 -5.70	32.21 2.10 -5.95	29.90 1.98 -4.56	25.48 2.04 0.00
CALPINE BETH_PAGE_GT4 24209	24.87 1.78 0.00	22.49 1.63 0.00	21.61 1.47 0.00	21.43 1.51 0.00	21.27 1.48 0.00	21.47 1.46 0.00	21.77 1.48 0.00	22.54 1.63 0.00	25.45 1.89 0.00	26.22 2.05 0.00	26.71 1.96 0.00	32.89 1.94 -5.39	32.82 1.83 -5.87	33.31 1.89 -5.56	33.43 2.03 -5.76	34.60 2.11 -6.06	43.07 2.52 -10.13	49.10 3.58 -10.09	45.02 2.92 -8.89	41.32 2.57 -8.17	34.58 2.12 -5.70	32.08 1.98 -5.95	29.63 1.73 -4.56	25.10 1.66 0.00
CALPINE_BETH_PAGE_GT_4 323586	24.87 1.78 0.00	22.49 1.63 0.00	21.61 1.47 0.00	21.43 1.51 0.00	21.27 1.48 0.00	21.47 1.46 0.00	21.81 1.52 0.00	22.54 1.63 0.00	25.56 2.00 0.00	26.26 2.08 -0.01	26.77 2.00 -0.01	33.00 2.05 -5.39	33.07 2.08 -5.87	33.57 2.15 -5.56	33.45 2.05 -5.76	34.63 2.14 -6.07	43.07 2.52 -10.13	49.07 3.54 -10.10	45.02 2.92 -8.89	41.32 2.57 -8.17	34.61 2.14 -5.70	32.09 1.98 -5.95	29.64 1.73 -4.56	25.10 1.66 0.00
CALPINE_BP_GT1 23823	24.87 1.78 0.00	22.49 1.63 0.00	21.61 1.47 0.00	21.43 1.51 0.00	21.27 1.48 0.00	21.47 1.46 0.00	21.81 1.52 0.00	22.54 1.63 0.00	25.56 2.00 0.00	26.26 2.08 -0.01	26.77 2.00 -0.01	33.00 2.05 -5.39	33.07 2.08 -5.87	33.57 2.15 -5.56	33.45 2.05 -5.76	34.63 2.14 -6.07	43.07 2.52 -10.13	49.07 3.54 -10.10	45.02 2.92 -8.89	41.32 2.57 -8.17	34.61 2.14 -5.70	32.09 1.98 -5.95	29.64 1.73 -4.56	25.10 1.66 0.00
CALSPAN___DRP 24200	22.01 -1.09 0.00	19.67 -1.19 0.00	18.93 -1.21 0.00	18.68 -1.23 0.00	18.54 -1.25 0.00	18.89 -1.12 0.00	19.30 -0.99 0.00	19.38 -1.53 0.00	21.96 -1.60 0.00	22.41 -1.76 0.00	22.90 -1.86 0.00	23.72 -1.84 0.00	23.20 -1.91 0.00	23.90 -1.97 0.00	24.03 -1.62 0.00	24.81 -1.61 0.00	28.99 -1.43 0.00	33.59 -1.84 0.00	31.48 -1.73 0.00	29.36 -1.22 0.00	26.16 -0.62 0.00	23.74 -0.41 0.00	23.18 -0.16 0.00	23.41 -0.02 0.00



CALVERTON___SOLAR 323806	25.26 2.17 0.00	22.82 1.96 0.00	21.92 1.77 0.00	21.72 1.81 0.00	21.59 1.80 0.00	21.77 1.76 0.00	22.20 1.91 0.00	22.86 1.95 0.00	26.01 2.45 0.00	26.55 2.37 -0.01	26.97 2.20 -0.01	33.02 2.07 -5.39	33.12 2.13 -5.87	33.64 2.22 -5.56	33.63 2.23 -5.76	34.89 2.40 -6.07	43.83 3.29 -10.13	49.70 4.18 -10.09	45.72 3.62 -8.89	42.18 3.42 -8.17	35.04 2.57 -5.70	32.28 2.17 -5.95	30.01 2.10 -4.56	25.62 2.18 0.00
CANDIGU_WT_PWR 323617	22.91 -0.19 0.00	20.61 -0.25 0.00	19.88 -0.26 0.00	19.63 -0.28 0.00	19.51 -0.28 0.00	19.81 -0.20 0.00	20.19 -0.10 0.00	20.72 -0.19 0.00	23.42 -0.14 0.00	24.00 -0.17 0.00	24.58 -0.17 0.00	25.31 -0.26 0.00	24.89 -0.23 0.00	25.66 -0.21 0.00	25.54 -0.10 0.00	26.45 0.03 0.00	30.72 0.30 0.00	35.89 0.46 0.00	33.70 0.50 0.00	31.22 0.64 0.00	27.60 0.83 0.00	24.95 0.80 0.00	24.16 0.82 0.00	24.24 0.80 0.00
CARR STREET_E_SYR 24060	22.82 -0.28 0.00	20.59 -0.27 0.00	19.88 -0.26 0.00	19.63 -0.28 0.00	19.51 -0.28 0.00	19.77 -0.24 0.00	20.09 -0.20 0.00	20.66 -0.25 0.00	23.26 -0.31 0.00	23.83 -0.34 0.00	24.43 -0.32 0.00	25.18 -0.38 0.00	24.71 -0.40 0.00	25.45 -0.41 0.00	25.26 -0.38 0.00	26.05 -0.37 0.00	30.05 -0.36 0.00	35.11 -0.32 0.00	32.84 -0.36 0.00	30.28 -0.31 0.00	26.56 -0.22 0.00	23.96 -0.19 0.00	23.23 -0.12 0.00	23.37 -0.07 0.00
CARTHAGE___PAPER 23857	22.56 -0.53 0.00	20.32 -0.54 0.00	19.62 -0.52 0.00	19.38 -0.54 0.00	19.28 -0.51 0.00	19.43 -0.58 0.00	19.74 -0.55 0.00	20.41 -0.50 0.00	23.02 -0.54 0.00	23.61 -0.55 0.00	24.21 -0.54 0.00	25.02 -0.54 0.00	24.61 -0.50 0.00	25.40 -0.46 0.00	25.18 -0.46 0.00	26.02 -0.40 0.00	30.21 -0.21 0.00	35.14 -0.28 0.00	33.01 -0.20 0.00	30.43 -0.15 0.00	26.75 -0.03 0.00	23.96 -0.19 0.00	23.07 -0.28 0.00	23.18 -0.26 0.00
CASSADAGA_WT_PWR 323784	21.96 -1.13 0.00	19.44 -1.42 0.00	18.71 -1.43 0.00	18.60 -1.31 0.00	18.31 -1.48 0.00	18.61 -1.40 0.00	19.21 -1.08 0.00	19.15 -1.76 0.00	21.70 -1.86 0.00	22.28 -1.89 0.00	22.87 -1.88 0.00	23.51 -2.05 0.00	23.05 -2.06 0.00	23.92 -1.94 0.00	23.93 -1.72 0.00	24.78 -1.64 0.00	29.11 -1.31 0.00	34.19 -1.24 0.00	32.11 -1.09 0.00	30.03 -0.55 0.00	26.83 0.05 0.00	24.35 0.19 0.00	23.79 0.44 0.00	24.02 0.59 0.00
CE_DUNWOOD___DRP 24194	24.25 1.15 0.00	21.94 1.08 0.00	21.15 1.01 0.00	20.97 1.06 0.00	20.82 1.03 0.00	21.01 1.00 0.00	21.32 1.03 0.00	22.02 1.11 0.00	24.86 1.30 0.00	25.55 1.38 0.00	26.12 1.36 0.00	26.92 1.35 0.00	26.47 1.36 0.00	27.26 1.40 0.00	27.16 1.51 0.00	28.01 1.59 0.00	32.30 1.89 0.00	38.23 2.80 0.00	35.40 2.19 0.00	32.51 1.93 0.00	28.35 1.58 0.00	25.53 1.38 0.00	24.49 1.14 0.00	24.54 1.10 0.00
CE_MILLWOOD___DRP 24193	24.20 1.11 0.00	21.92 1.06 0.00	21.13 0.99 0.00	20.93 1.02 0.00	20.80 1.01 0.00	20.97 0.96 0.00	21.28 0.99 0.00	21.98 1.07 0.00	24.81 1.25 0.00	25.50 1.33 0.00	26.07 1.31 0.00	26.86 1.30 0.00	26.42 1.31 0.00	27.21 1.34 0.00	27.11 1.46 0.00	27.95 1.53 0.00	32.21 1.79 0.00	38.12 2.69 0.00	35.33 2.13 0.00	32.42 1.83 0.00	28.30 1.53 0.00	25.48 1.33 0.00	24.44 1.10 0.00	24.49 1.05 0.00
CE_NYC2_DRP 24202	24.49 1.39 -0.01	22.18 1.31 -0.01	21.36 1.21 -0.01	21.19 1.27 -0.01	21.04 1.25 -0.01	21.17 1.16 0.00	21.49 1.20 0.00	22.14 1.23 0.00	24.98 1.41 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.62 1.51 0.00	27.42 1.55 0.00	27.31 1.67 0.00	28.19 1.77 0.00	32.58 2.16 0.00	38.58 3.15 0.00	35.76 2.56 0.00	32.81 2.23 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.72 1.38 0.00	24.83 1.38 -0.01
CE_NYC_DRP 24195	24.36 1.27 0.00	22.05 1.19 0.00	21.25 1.11 0.00	21.07 1.15 0.00	20.94 1.15 0.00	21.09 1.08 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.95 1.39 0.00	25.67 1.50 0.00	26.22 1.46 0.00	27.02 1.46 0.00	26.57 1.46 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.49 2.07 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.72 2.14 0.00	28.51 1.74 0.00	25.65 1.50 0.00	24.63 1.28 0.00	24.70 1.27 0.00
CHAFFEE___LFGE 323603	22.12 -0.97 0.00	19.80 -1.06 0.00	19.08 -1.07 0.00	18.80 -1.11 0.00	18.68 -1.11 0.00	19.01 -1.00 0.00	19.42 -0.87 0.00	19.53 -1.38 0.00	22.10 -1.46 0.00	22.69 -1.48 0.00	23.27 -1.48 0.00	23.85 -1.71 0.00	23.40 -1.71 0.00	24.26 -1.60 0.00	24.21 -1.44 0.00	24.97 -1.45 0.00	29.14 -1.28 0.00	33.90 -1.52 0.00	31.71 -1.49 0.00	29.51 -1.07 0.00	26.29 -0.48 0.00	23.84 -0.31 0.00	23.28 -0.07 0.00	23.49 0.05 0.00
CHATEAUG_35_KV_LOAD 355732	23.21 0.12 0.00	20.78 -0.08 0.00	20.04 -0.10 0.00	19.77 -0.14 0.00	19.67 -0.12 0.00	20.01 0.00 0.00	20.25 -0.04 0.00	20.97 0.06 0.00	23.66 0.09 0.00	24.34 0.17 0.00	25.00 0.25 0.00	25.84 0.28 0.00	25.54 0.43 0.00	26.17 0.31 0.00	25.85 0.21 0.00	26.39 -0.03 0.00	30.11 -0.30 0.00	34.36 -1.06 0.00	32.44 -0.76 0.00	30.00 -0.58 0.00	26.16 -0.62 0.00	23.50 -0.65 0.00	22.83 -0.51 0.00	22.99 -0.45 0.00
CHATEAUG_WT_PWR 323614	23.19 0.09 0.00	20.74 -0.12 0.00	20.02 -0.12 0.00	19.73 -0.18 0.00	19.65 -0.14 0.00	19.99 -0.02 0.00	20.25 -0.04 0.00	20.95 0.04 0.00	23.66 0.09 0.00	24.34 0.17 0.00	25.00 0.25 0.00	25.84 0.28 0.00	25.54 0.43 0.00	26.15 0.29 0.00	25.83 0.18 0.00	26.32 -0.11 0.00	30.02 -0.40 0.00	34.22 -1.20 0.00	32.34 -0.86 0.00	29.85 -0.73 0.00	26.02 -0.75 0.00	23.41 -0.75 0.00	22.76 -0.58 0.00	22.92 -0.52 0.00
CHAT_HIGH_FALL_HYD 323578	23.21 0.12 0.00	20.78 -0.08 0.00	20.04 -0.10 0.00	19.77 -0.14 0.00	19.67 -0.12 0.00	20.01 0.00 0.00	20.25 -0.04 0.00	20.97 0.06 0.00	23.66 0.09 0.00	24.34 0.17 0.00	25.00 0.25 0.00	25.84 0.28 0.00	25.54 0.43 0.00	26.17 0.31 0.00	25.85 0.20 0.00	26.39 -0.03 0.00	30.11 -0.30 0.00	34.37 -1.06 0.00	32.44 -0.76 0.00	30.00 -0.58 0.00	26.16 -0.61 0.00	23.50 -0.65 0.00	22.83 -0.51 0.00	22.99 -0.45 0.00
CHAUTAUQUA___LFGE 323629	22.08 -1.02 0.00	19.69 -1.17 0.00	18.97 -1.17 0.00	18.74 -1.17 0.00	18.58 -1.21 0.00	18.89 -1.12 0.00	19.36 -0.93 0.00	19.43 -1.48 0.00	21.98 -1.58 0.00	22.60 -1.57 0.00	23.17 -1.58 0.00	23.77 -1.79 0.00	23.30 -1.81 0.00	24.18 -1.68 0.00	24.13 -1.51 0.00	24.94 -1.48 0.00	29.14 -1.28 0.00	34.01 -1.42 0.00	31.84 -1.36 0.00	29.69 -0.89 0.00	26.48 -0.29 0.00	24.03 -0.12 0.00	23.49 0.14 0.00	23.72 0.28 0.00
CHERRYST_13_KV_LD 356241	24.43 1.34 0.00	22.11 1.25 0.00	21.29 1.15 0.00	21.13 1.21 0.00	20.98 1.19 0.00	21.13 1.12 0.00	21.47 1.18 0.00	22.17 1.25 0.00	25.00 1.44 0.00	25.74 1.57 0.00	26.27 1.51 0.00	27.07 1.51 0.00	26.65 1.53 0.00	27.44 1.58 0.00	27.34 1.69 0.00	28.19 1.77 0.00	32.58 2.16 0.00	38.58 3.15 0.00	35.73 2.52 0.00	32.81 2.23 0.00	28.57 1.79 0.00	25.73 1.57 0.00	24.68 1.33 0.00	24.77 1.34 0.00



CHESTROR_138KV_BK263 355645	23.99 0.90 0.00	21.71 0.86 0.00	20.95 0.81 0.00	20.75 0.84 0.00	20.62 0.83 0.00	20.81 0.80 0.00	21.10 0.81 0.00	21.79 0.88 0.00	24.55 0.99 0.00	25.23 1.06 0.00	25.79 1.04 0.00	26.61 1.05 0.00	26.14 1.03 0.00	26.92 1.06 0.00	26.83 1.18 0.00	27.66 1.24 0.00	31.88 1.46 0.00	37.66 2.23 0.00	34.93 1.73 0.00	32.08 1.50 0.00	28.00 1.23 0.00	25.24 1.09 0.00	24.23 0.89 0.00	24.28 0.84 0.00
CH_MIDHUDSON___DRP 24192	24.20 1.11 0.00	21.90 1.04 0.00	21.13 0.99 0.00	20.93 1.02 0.00	20.80 1.01 0.00	20.99 0.98 0.00	21.28 0.99 0.00	21.96 1.05 0.00	24.79 1.23 0.00	25.48 1.31 0.00	26.04 1.29 0.00	26.86 1.30 0.00	26.39 1.28 0.00	27.21 1.34 0.00	27.08 1.44 0.00	27.93 1.51 0.00	32.18 1.76 0.00	38.05 2.62 0.00	35.26 2.06 0.00	32.36 1.77 0.00	28.25 1.47 0.00	25.44 1.28 0.00	24.40 1.05 0.00	24.45 1.01 0.00
CH_MISC_IPPS 23765	24.32 1.22 0.00	21.99 1.13 0.00	21.19 1.05 0.00	21.01 1.09 0.00	20.86 1.07 0.00	21.07 1.06 0.00	21.36 1.07 0.00	22.04 1.13 0.00	24.93 1.37 0.00	25.60 1.43 0.00	26.17 1.41 0.00	27.04 1.48 0.00	26.62 1.51 0.00	27.44 1.58 0.00	27.24 1.59 0.00	28.09 1.67 0.00	32.34 1.92 0.00	38.23 2.80 0.00	35.46 2.26 0.00	32.54 1.96 0.00	28.41 1.63 0.00	25.56 1.40 0.00	24.51 1.17 0.00	24.56 1.13 0.00
CH_RES_BVR_FALLS 23983	22.56 -0.53 0.00	20.36 -0.50 0.00	19.66 -0.48 0.00	19.43 -0.48 0.00	19.31 -0.48 0.00	19.53 -0.48 0.00	19.78 -0.51 0.00	20.43 -0.48 0.00	23.02 -0.54 0.00	23.61 -0.55 0.00	24.21 -0.54 0.00	25.05 -0.51 0.00	24.64 -0.48 0.00	25.37 -0.49 0.00	25.13 -0.51 0.00	25.86 -0.56 0.00	29.72 -0.70 0.00	34.33 -1.10 0.00	32.38 -0.83 0.00	29.85 -0.73 0.00	26.10 -0.67 0.00	23.55 -0.60 0.00	22.76 -0.58 0.00	22.90 -0.54 0.00
CH_RES_NIAGARA 23895	21.18 -1.92 0.00	18.94 -1.92 0.00	18.25 -1.89 0.00	17.98 -1.93 0.00	17.87 -1.92 0.00	18.19 -1.82 0.00	18.58 -1.70 0.00	18.61 -2.30 0.00	21.04 -2.52 0.00	21.61 -2.56 0.00	22.16 -2.60 0.00	22.67 -2.89 0.00	22.23 -2.89 0.00	23.07 -2.79 0.00	23.03 -2.62 0.00	23.70 -2.72 0.00	27.59 -2.83 0.00	32.03 -3.40 0.00	29.92 -3.29 0.00	27.89 -2.69 0.00	24.84 -1.93 0.00	22.56 -1.59 0.00	22.09 -1.26 0.00	22.41 -1.03 0.00
CH_RES_SYRACUSE 23985	23.12 0.02 0.00	20.84 -0.02 0.00	20.12 -0.02 0.00	19.87 -0.04 0.00	19.75 -0.04 0.00	20.01 0.00 0.00	20.35 0.06 0.00	20.93 0.02 0.00	23.59 0.02 0.00	24.19 0.02 0.00	24.83 0.07 0.00	25.59 0.03 0.00	25.09 -0.03 0.00	25.84 -0.03 0.00	25.65 0.00 0.00	26.47 0.05 0.00	30.57 0.15 0.00	35.68 0.25 0.00	33.41 0.20 0.00	30.80 0.22 0.00	27.07 0.30 0.00	24.40 0.24 0.00	23.63 0.28 0.00	23.74 0.30 0.00
CLINTON_WT_PWR 323605	23.19 0.09 0.00	20.74 -0.12 0.00	20.02 -0.12 0.00	19.73 -0.18 0.00	19.65 -0.14 0.00	19.99 -0.02 0.00	20.25 -0.04 0.00	20.95 0.04 0.00	23.66 0.09 0.00	24.34 0.17 0.00	25.00 0.25 0.00	25.84 0.28 0.00	25.54 0.43 0.00	26.15 0.29 0.00	25.83 0.18 0.00	26.32 -0.11 0.00	30.02 -0.40 0.00	34.22 -1.20 0.00	32.34 -0.86 0.00	29.85 -0.73 0.00	26.02 -0.75 0.00	23.41 -0.75 0.00	22.76 -0.58 0.00	22.92 -0.52 0.00
CLINTON___LFGE 323618	23.49 0.39 0.00	21.01 0.15 0.00	20.26 0.12 0.00	19.95 0.04 0.00	19.85 0.06 0.00	20.21 0.20 0.00	20.47 0.18 0.00	21.23 0.31 0.00	23.96 0.40 0.00	24.65 0.48 0.00	25.35 0.59 0.00	26.20 0.64 0.00	25.94 0.83 0.00	26.53 0.67 0.00	26.21 0.56 0.00	26.71 0.29 0.00	30.51 0.09 0.00	34.86 -0.57 0.00	32.91 -0.30 0.00	30.43 -0.15 0.00	26.53 -0.24 0.00	23.82 -0.34 0.00	23.11 -0.23 0.00	23.28 -0.16 0.00
COBBLENY_34_KV_TB1 80064	22.12 -0.97 0.00	19.80 -1.06 0.00	19.06 -1.09 0.00	18.80 -1.12 0.00	18.66 -1.13 0.00	19.01 -1.00 0.00	19.42 -0.87 0.00	19.53 -1.38 0.00	22.13 -1.44 0.00	22.57 -1.60 0.00	23.07 -1.68 0.00	23.90 -1.66 0.00	23.36 -1.76 0.00	24.08 -1.78 0.00	24.18 -1.46 0.00	24.97 -1.45 0.00	29.17 -1.25 0.00	33.83 -1.59 0.00	31.71 -1.49 0.00	29.51 -1.07 0.00	26.29 -0.48 0.00	23.84 -0.31 0.00	23.28 -0.07 0.00	23.49 0.05 0.00
COFFEEN___115KV_TB3 355620	22.82 -0.28 0.00	20.55 -0.31 0.00	19.84 -0.30 0.00	19.61 -0.30 0.00	19.49 -0.30 0.00	19.67 -0.34 0.00	20.03 -0.26 0.00	20.68 -0.23 0.00	23.35 -0.21 0.00	23.90 -0.27 0.00	24.53 -0.22 0.00	25.36 -0.20 0.00	24.94 -0.18 0.00	25.76 -0.10 0.00	25.52 -0.13 0.00	26.39 -0.03 0.00	30.60 0.18 0.00	35.68 0.25 0.00	33.50 0.30 0.00	30.86 0.28 0.00	27.17 0.40 0.00	24.28 0.12 0.00	23.37 0.02 0.00	23.44 0.00 0.00
COLDSPRG_115KV_BK1 355956	22.77 -0.32 0.00	20.30 -0.56 0.00	19.52 -0.62 0.00	19.32 -0.60 0.00	19.12 -0.67 0.00	19.47 -0.54 0.00	19.98 -0.30 0.00	20.10 -0.82 0.00	22.76 -0.80 0.00	23.23 -0.94 0.00	23.74 -1.01 0.00	24.59 -0.97 0.00	24.01 -1.10 0.00	24.78 -1.09 0.00	24.90 -0.74 0.00	25.79 -0.63 0.00	30.24 -0.18 0.00	35.25 -0.18 0.00	33.04 -0.17 0.00	30.80 0.21 0.00	27.47 0.70 0.00	24.90 0.75 0.00	24.28 0.93 0.00	24.42 0.98 0.00
COLONIE_LFGE___ 323577	23.83 0.74 0.00	21.61 0.75 0.00	20.85 0.70 0.00	20.61 0.70 0.00	20.48 0.69 0.00	20.69 0.68 0.00	20.98 0.69 0.00	21.64 0.73 0.00	24.44 0.87 0.00	25.06 0.89 0.00	25.67 0.92 0.00	26.51 0.95 0.00	26.09 0.98 0.00	26.85 0.98 0.00	26.59 0.95 0.00	27.42 1.00 0.00	31.51 1.09 0.00	37.16 1.74 0.00	34.40 1.19 0.00	31.59 1.01 0.00	27.60 0.83 0.00	24.90 0.75 0.00	23.95 0.61 0.00	23.95 0.51 0.00
COOPERNY_115KV_TB1 80082	23.79 0.69 0.00	21.51 0.65 0.00	20.75 0.60 0.00	20.55 0.64 0.00	20.40 0.61 0.00	20.61 0.60 0.00	20.92 0.63 0.00	21.56 0.65 0.00	24.32 0.75 0.00	24.97 0.80 0.00	25.55 0.79 0.00	26.35 0.79 0.00	25.87 0.75 0.00	26.67 0.80 0.00	26.52 0.87 0.00	27.37 0.95 0.00	31.51 1.10 0.00	37.13 1.70 0.00	34.50 1.30 0.00	31.71 1.13 0.00	27.74 0.96 0.00	25.00 0.85 0.00	24.05 0.70 0.00	24.09 0.66 0.00
COPENHAGEN_WT_PWR 323753	22.65 -0.44 0.00	20.42 -0.44 0.00	19.70 -0.44 0.00	19.47 -0.44 0.00	19.37 -0.42 0.00	19.55 -0.46 0.00	19.88 -0.41 0.00	20.51 -0.40 0.00	23.14 -0.42 0.00	23.71 -0.46 0.00	24.33 -0.42 0.00	25.13 -0.43 0.00	24.69 -0.43 0.00	25.50 -0.36 0.00	25.29 -0.36 0.00	26.16 -0.26 0.00	30.30 -0.12 0.00	35.29 -0.14 0.00	33.14 -0.07 0.00	30.52 -0.06 0.00	26.85 0.08 0.00	24.06 -0.10 0.00	23.18 -0.16 0.00	23.28 -0.16 0.00
CORNELL_____ 23752	23.53 0.44 0.00	21.19 0.33 0.00	20.45 0.30 0.00	20.19 0.28 0.00	20.07 0.28 0.00	20.35 0.34 0.00	20.72 0.43 0.00	21.31 0.40 0.00	24.03 0.47 0.00	24.58 0.41 0.00	25.15 0.40 0.00	26.02 0.46 0.00	25.54 0.43 0.00	26.30 0.44 0.00	26.11 0.46 0.00	26.98 0.55 0.00	31.24 0.82 0.00	36.49 1.06 0.00	34.17 0.96 0.00	31.50 0.92 0.00	27.71 0.94 0.00	24.95 0.80 0.00	24.09 0.75 0.00	24.19 0.75 0.00



CORONA__69_KV_TB1 355595	24.76 1.66 0.00	22.36 1.50 0.00	21.53 1.39 0.00	21.33 1.41 0.00	21.18 1.39 0.00	21.37 1.36 0.00	21.69 1.40 0.00	22.42 1.51 0.00	25.33 1.77 0.00	26.08 1.91 0.00	26.69 1.93 0.00	32.92 1.97 -5.39	32.94 1.96 -5.87	33.44 2.02 -5.56	33.53 2.13 -5.76	34.73 2.25 -6.06	43.16 2.62 -10.13	49.21 3.68 -10.09	45.12 3.02 -8.89	41.44 2.69 -8.17	34.72 2.25 -5.70	32.06 1.96 -5.95	29.61 1.70 -4.56	25.08 1.64 0.00
CORTLAND__115KV_TB3 80093	23.32 0.23 0.00	21.05 0.19 0.00	20.30 0.16 0.00	20.07 0.16 0.00	19.95 0.16 0.00	20.21 0.20 0.00	20.53 0.24 0.00	21.14 0.23 0.00	23.85 0.28 0.00	24.41 0.24 0.00	25.00 0.25 0.00	25.82 0.26 0.00	25.36 0.25 0.00	26.12 0.26 0.00	25.90 0.26 0.00	26.74 0.32 0.00	30.94 0.52 0.00	36.10 0.67 0.00	33.77 0.56 0.00	31.13 0.55 0.00	27.34 0.56 0.00	24.64 0.48 0.00	23.84 0.49 0.00	23.91 0.47 0.00
COXSACKIE__GT 23611	24.55 1.46 0.00	22.21 1.36 0.00	21.45 1.31 0.00	21.21 1.29 0.00	21.10 1.31 0.00	21.37 1.36 0.00	21.61 1.32 0.00	22.27 1.36 0.00	25.21 1.65 0.00	25.76 1.59 0.00	26.34 1.59 0.00	27.22 1.66 0.00	26.72 1.61 0.00	27.62 1.76 0.00	27.47 1.82 0.00	28.40 1.98 0.00	32.70 2.28 0.00	38.58 3.15 0.00	35.76 2.56 0.00	32.78 2.20 0.00	28.73 1.95 0.00	25.80 1.64 0.00	24.72 1.38 0.00	24.68 1.24 0.00
CPV__VALLEY__CC1 323721	23.83 0.74 0.00	21.57 0.71 0.00	20.81 0.66 0.00	20.61 0.70 0.00	20.46 0.67 0.00	20.67 0.66 0.00	20.96 0.67 0.00	21.62 0.71 0.00	24.46 0.90 0.00	25.09 0.92 0.00	25.65 0.89 0.00	26.51 0.95 0.00	26.09 0.98 0.00	26.85 0.98 0.00	26.64 1.00 0.00	27.48 1.06 0.00	31.64 1.22 0.00	37.34 1.91 0.00	34.63 1.43 0.00	31.84 1.25 0.00	27.79 1.02 0.00	25.07 0.92 0.00	24.07 0.72 0.00	24.12 0.68 0.00
CPV__VALLEY__CC2 323722	23.83 0.74 0.00	21.57 0.71 0.00	20.81 0.66 0.00	20.61 0.70 0.00	20.46 0.67 0.00	20.67 0.66 0.00	20.96 0.67 0.00	21.62 0.71 0.00	24.46 0.90 0.00	25.09 0.92 0.00	25.65 0.89 0.00	26.51 0.95 0.00	26.09 0.98 0.00	26.85 0.98 0.00	26.64 1.00 0.00	27.48 1.06 0.00	31.64 1.22 0.00	37.34 1.91 0.00	34.63 1.43 0.00	31.84 1.25 0.00	27.79 1.02 0.00	25.07 0.92 0.00	24.07 0.72 0.00	24.12 0.68 0.00
CRESCENT__HYD 24018	23.83 0.74 0.00	21.61 0.75 0.00	20.85 0.70 0.00	20.61 0.70 0.00	20.48 0.69 0.00	20.69 0.68 0.00	20.98 0.69 0.00	21.64 0.73 0.00	24.44 0.87 0.00	25.06 0.89 0.00	25.67 0.92 0.00	26.51 0.95 0.00	26.09 0.98 0.00	26.85 0.98 0.00	26.59 0.95 0.00	27.42 1.00 0.00	31.51 1.09 0.00	37.16 1.74 0.00	34.40 1.19 0.00	31.59 1.01 0.00	27.60 0.83 0.00	24.90 0.75 0.00	23.95 0.61 0.00	23.95 0.51 0.00
CRICKET__VALLEY_CC1 323756	23.99 0.90 0.00	21.76 0.90 0.00	20.99 0.85 0.00	20.77 0.86 0.00	20.64 0.85 0.00	20.83 0.82 0.00	21.14 0.85 0.00	21.83 0.92 0.00	24.67 1.11 0.00	25.33 1.16 0.00	25.89 1.14 0.00	26.76 1.20 0.00	26.34 1.23 0.00	27.13 1.27 0.00	26.88 1.23 0.00	27.66 1.24 0.00	31.82 1.40 0.00	37.70 2.27 0.00	34.83 1.63 0.00	31.99 1.41 0.00	27.90 1.12 0.00	25.15 0.99 0.00	24.14 0.79 0.00	24.14 0.70 0.00
CRICKET__VALLEY_CC2 323757	23.99 0.90 0.00	21.76 0.90 0.00	20.99 0.85 0.00	20.77 0.86 0.00	20.64 0.85 0.00	20.83 0.82 0.00	21.14 0.85 0.00	21.83 0.92 0.00	24.67 1.11 0.00	25.33 1.16 0.00	25.89 1.14 0.00	26.76 1.20 0.00	26.34 1.23 0.00	27.13 1.27 0.00	26.88 1.23 0.00	27.66 1.24 0.00	31.82 1.40 0.00	37.70 2.27 0.00	34.83 1.63 0.00	31.99 1.41 0.00	27.90 1.12 0.00	25.15 0.99 0.00	24.14 0.79 0.00	24.14 0.70 0.00
CRICKET__VALLEY_CC3 323758	23.99 0.90 0.00	21.76 0.90 0.00	20.99 0.85 0.00	20.77 0.86 0.00	20.64 0.85 0.00	20.83 0.82 0.00	21.14 0.85 0.00	21.83 0.92 0.00	24.67 1.11 0.00	25.33 1.16 0.00	25.89 1.14 0.00	26.76 1.20 0.00	26.34 1.23 0.00	27.13 1.27 0.00	26.88 1.23 0.00	27.66 1.24 0.00	31.82 1.40 0.00	37.70 2.27 0.00	34.83 1.63 0.00	31.99 1.41 0.00	27.90 1.12 0.00	25.15 0.99 0.00	24.14 0.79 0.00	24.14 0.70 0.00
CRUCIBLE__METL_DRP 24180	23.12 0.02 0.00	20.84 -0.02 0.00	20.12 -0.02 0.00	19.87 -0.04 0.00	19.75 -0.04 0.00	20.01 0.00 0.00	20.35 0.06 0.00	20.93 0.02 0.00	23.63 0.07 0.00	24.22 0.05 0.00	24.83 0.07 0.00	25.64 0.08 0.00	25.16 0.05 0.00	25.92 0.05 0.00	25.67 0.03 0.00	26.47 0.05 0.00	30.57 0.15 0.00	35.68 0.25 0.00	33.40 0.20 0.00	30.80 0.21 0.00	27.07 0.29 0.00	24.40 0.24 0.00	23.63 0.28 0.00	23.74 0.30 0.00
DAHOWA__HYDRO 323763	24.27 1.18 0.00	21.96 1.10 0.00	21.19 1.05 0.00	20.95 1.03 0.00	20.74 0.95 0.00	20.97 0.96 0.00	21.26 0.97 0.00	21.87 0.96 0.00	24.76 1.20 0.00	25.38 1.21 0.00	26.02 1.26 0.00	26.89 1.33 0.00	26.44 1.33 0.00	27.23 1.37 0.00	26.98 1.33 0.00	27.90 1.48 0.00	32.09 1.67 0.00	37.80 2.37 0.00	35.00 1.79 0.00	32.11 1.53 0.00	28.08 1.31 0.00	25.36 1.21 0.00	24.37 1.03 0.00	24.40 0.96 0.00
DANC__LFGE 323619	22.63 -0.46 0.00	20.40 -0.46 0.00	19.70 -0.44 0.00	19.46 -0.46 0.00	19.35 -0.44 0.00	19.55 -0.46 0.00	19.86 -0.43 0.00	20.47 -0.44 0.00	23.07 -0.50 0.00	23.64 -0.53 0.00	24.28 -0.47 0.00	25.05 -0.51 0.00	24.58 -0.53 0.00	25.37 -0.49 0.00	25.16 -0.49 0.00	26.00 -0.42 0.00	30.05 -0.36 0.00	35.07 -0.35 0.00	32.87 -0.33 0.00	30.28 -0.31 0.00	26.64 -0.13 0.00	23.91 -0.24 0.00	23.11 -0.23 0.00	23.20 -0.23 0.00
DANSKAMMER__1 23586	24.32 1.22 0.00	21.99 1.13 0.00	21.19 1.05 0.00	21.01 1.09 0.00	20.86 1.07 0.00	21.07 1.06 0.00	21.36 1.07 0.00	22.04 1.13 0.00	24.93 1.37 0.00	25.60 1.43 0.00	26.17 1.41 0.00	27.04 1.48 0.00	26.62 1.51 0.00	27.44 1.58 0.00	27.24 1.59 0.00	28.09 1.67 0.00	32.34 1.92 0.00	38.23 2.80 0.00	35.46 2.26 0.00	32.54 1.96 0.00	28.41 1.63 0.00	25.56 1.40 0.00	24.51 1.17 0.00	24.56 1.13 0.00
DANSKAMMER__2 23589	24.32 1.22 0.00	21.99 1.13 0.00	21.19 1.05 0.00	21.01 1.09 0.00	20.86 1.07 0.00	21.07 1.06 0.00	21.36 1.07 0.00	22.04 1.13 0.00	24.93 1.37 0.00	25.60 1.43 0.00	26.17 1.41 0.00	27.04 1.48 0.00	26.62 1.51 0.00	27.44 1.58 0.00	27.24 1.59 0.00	28.09 1.67 0.00	32.34 1.92 0.00	38.23 2.80 0.00	35.46 2.26 0.00	32.54 1.96 0.00	28.41 1.63 0.00	25.56 1.40 0.00	24.51 1.17 0.00	24.56 1.13 0.00
DANSKAMMER__3 23590	24.32 1.22 0.00	21.99 1.13 0.00	21.19 1.05 0.00	21.01 1.09 0.00	20.86 1.07 0.00	21.07 1.06 0.00	21.36 1.07 0.00	22.04 1.13 0.00	24.93 1.37 0.00	25.60 1.43 0.00	26.17 1.41 0.00	27.04 1.48 0.00	26.62 1.51 0.00	27.44 1.58 0.00	27.24 1.59 0.00	28.09 1.67 0.00	32.34 1.92 0.00	38.23 2.80 0.00	35.46 2.26 0.00	32.54 1.96 0.00	28.41 1.63 0.00	25.56 1.40 0.00	24.51 1.17 0.00	24.56 1.13 0.00



DANSKAMMER___4 23591	24.32 1.22 0.00	21.99 1.13 0.00	21.19 1.05 0.00	21.01 1.09 0.00	20.86 1.07 0.00	21.07 1.06 0.00	21.36 1.07 0.00	22.04 1.13 0.00	24.93 1.37 0.00	25.60 1.43 0.00	26.17 1.41 0.00	27.04 1.48 0.00	26.62 1.51 0.00	27.44 1.58 0.00	27.24 1.59 0.00	28.09 1.67 0.00	32.34 1.92 0.00	38.23 2.80 0.00	35.46 2.26 0.00	32.54 1.96 0.00	28.41 1.63 0.00	25.56 1.40 0.00	24.51 1.17 0.00	24.56 1.13 0.00
DANSKAMMER___DIESEL 23592	24.32 1.22 0.00	21.99 1.13 0.00	21.21 1.07 0.00	21.01 1.10 0.00	20.86 1.07 0.00	21.07 1.06 0.00	21.36 1.08 0.00	22.04 1.13 0.00	24.88 1.32 0.00	25.55 1.38 0.00	26.14 1.39 0.00	26.97 1.41 0.00	26.49 1.38 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.33 1.92 0.00	38.23 2.80 0.00	35.43 2.22 0.00	32.54 1.96 0.00	28.41 1.63 0.00	25.56 1.40 0.00	24.51 1.17 0.00	24.56 1.13 0.00
DARBY___SOLAR 323810	24.20 1.11 0.00	21.90 1.04 0.00	21.13 0.99 0.00	20.91 1.00 0.00	20.70 0.91 0.00	20.93 0.92 0.00	21.22 0.93 0.00	21.85 0.94 0.00	24.72 1.15 0.00	25.35 1.18 0.00	25.97 1.21 0.00	26.84 1.28 0.00	26.39 1.28 0.00	27.18 1.32 0.00	26.95 1.31 0.00	27.82 1.40 0.00	32.00 1.58 0.00	37.70 2.27 0.00	34.93 1.73 0.00	32.05 1.47 0.00	28.01 1.23 0.00	25.31 1.16 0.00	24.33 0.98 0.00	24.35 0.91 0.00
DASHVILLE___HYD 23610	24.20 1.11 0.00	21.86 1.00 0.00	21.11 0.97 0.00	20.91 1.00 0.00	20.78 0.99 0.00	20.97 0.96 0.00	21.26 0.97 0.00	21.91 1.00 0.00	24.74 1.18 0.00	25.43 1.26 0.00	25.97 1.21 0.00	26.79 1.23 0.00	26.32 1.21 0.00	27.13 1.27 0.00	27.06 1.41 0.00	27.90 1.48 0.00	32.15 1.73 0.00	37.98 2.55 0.00	35.23 2.03 0.00	32.36 1.77 0.00	28.25 1.47 0.00	25.44 1.28 0.00	24.40 1.05 0.00	24.45 1.01 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	25.68 2.59 0.00	23.17 2.32 0.00	22.28 2.14 0.00	22.06 2.15 0.00	21.97 2.18 0.00	22.11 2.10 0.00	22.44 2.15 0.00	23.23 2.32 0.00	26.23 2.66 0.00	26.93 2.76 0.00	27.35 2.60 0.00	33.38 2.43 -5.39	33.44 2.46 -5.87	33.98 2.56 -5.56	34.10 2.69 -5.76	35.39 2.91 -6.06	44.44 3.89 -10.13	50.52 5.00 -10.09	46.45 4.35 -8.89	42.82 4.07 -8.17	35.55 3.08 -5.70	32.73 2.63 -5.95	30.43 2.52 -4.56	26.06 2.63 0.00
DELAWARE___LFGE 323621	23.83 0.74 0.00	21.53 0.67 0.00	20.81 0.66 0.00	20.59 0.68 0.00	20.44 0.65 0.00	20.67 0.66 0.00	20.98 0.69 0.00	21.62 0.71 0.00	24.39 0.82 0.00	25.02 0.85 0.00	25.60 0.84 0.00	26.43 0.87 0.00	25.94 0.83 0.00	26.74 0.88 0.00	26.59 0.95 0.00	27.45 1.03 0.00	31.63 1.22 0.00	37.13 1.70 0.00	34.60 1.39 0.00	31.84 1.25 0.00	27.90 1.12 0.00	25.12 0.97 0.00	24.19 0.84 0.00	24.24 0.80 0.00
DERFIELD_115KV_TB7 355931	23.19 0.09 0.00	20.96 0.10 0.00	20.24 0.10 0.00	20.01 0.10 0.00	19.89 0.10 0.00	20.11 0.10 0.00	20.37 0.08 0.00	20.99 0.08 0.00	23.66 0.09 0.00	24.27 0.10 0.00	24.85 0.10 0.00	25.69 0.13 0.00	25.24 0.13 0.00	25.99 0.13 0.00	25.80 0.15 0.00	26.58 0.16 0.00	30.57 0.15 0.00	35.75 0.32 0.00	33.40 0.20 0.00	30.73 0.15 0.00	26.91 0.13 0.00	24.28 0.12 0.00	23.44 0.09 0.00	23.53 0.09 0.00
DOGLEVILLE___HYD 23807	23.30 0.21 0.00	21.05 0.19 0.00	20.34 0.20 0.00	20.11 0.20 0.00	19.99 0.20 0.00	20.19 0.18 0.00	20.47 0.18 0.00	21.10 0.19 0.00	23.80 0.24 0.00	24.41 0.24 0.00	25.03 0.27 0.00	25.89 0.33 0.00	25.44 0.33 0.00	26.20 0.34 0.00	25.98 0.33 0.00	26.76 0.34 0.00	30.78 0.37 0.00	35.99 0.57 0.00	33.64 0.43 0.00	30.95 0.37 0.00	27.10 0.32 0.00	24.47 0.31 0.00	23.65 0.30 0.00	23.74 0.30 0.00
DUNKIRK___115KV_TB_200 55889	22.10 -0.99 0.00	19.73 -1.13 0.00	19.00 -1.15 0.00	18.76 -1.15 0.00	18.60 -1.19 0.00	18.93 -1.08 0.00	19.40 -0.89 0.00	19.47 -1.44 0.00	22.05 -1.51 0.00	22.53 -1.64 0.00	23.00 -1.76 0.00	23.82 -1.74 0.00	23.31 -1.81 0.00	24.03 -1.84 0.00	24.16 -1.49 0.00	24.94 -1.48 0.00	29.20 -1.22 0.00	33.94 -1.49 0.00	31.81 -1.39 0.00	29.66 -0.92 0.00	26.45 -0.32 0.00	24.01 -0.14 0.00	23.44 0.09 0.00	23.67 0.23 0.00
DUNKIRK___1 23563	22.10 -0.99 0.00	19.73 -1.13 0.00	19.00 -1.15 0.00	18.76 -1.15 0.00	18.60 -1.19 0.00	18.93 -1.08 0.00	19.40 -0.89 0.00	19.47 -1.44 0.00	22.05 -1.51 0.00	22.53 -1.64 0.00	23.00 -1.76 0.00	23.82 -1.74 0.00	23.31 -1.81 0.00	24.03 -1.84 0.00	24.16 -1.49 0.00	24.94 -1.48 0.00	29.20 -1.22 0.00	33.94 -1.49 0.00	31.81 -1.39 0.00	29.66 -0.92 0.00	26.45 -0.32 0.00	24.01 -0.14 0.00	23.44 0.09 0.00	23.67 0.23 0.00
DUNKIRK___2 23564	22.10 -0.99 0.00	19.73 -1.13 0.00	19.00 -1.15 0.00	18.76 -1.15 0.00	18.60 -1.19 0.00	18.93 -1.08 0.00	19.40 -0.89 0.00	19.47 -1.44 0.00	22.05 -1.51 0.00	22.53 -1.64 0.00	23.00 -1.76 0.00	23.82 -1.74 0.00	23.31 -1.81 0.00	24.03 -1.84 0.00	24.16 -1.49 0.00	24.94 -1.48 0.00	29.20 -1.22 0.00	33.94 -1.49 0.00	31.81 -1.39 0.00	29.66 -0.92 0.00	26.45 -0.32 0.00	24.01 -0.14 0.00	23.44 0.09 0.00	23.67 0.23 0.00
DUNKIRK___3 23565	22.12 -0.97 0.00	19.77 -1.08 0.00	19.04 -1.11 0.00	18.80 -1.12 0.00	18.64 -1.15 0.00	18.99 -1.02 0.00	19.42 -0.87 0.00	19.53 -1.38 0.00	22.13 -1.44 0.00	22.60 -1.57 0.00	23.10 -1.66 0.00	23.90 -1.66 0.00	23.36 -1.76 0.00	24.08 -1.78 0.00	24.18 -1.46 0.00	24.99 -1.43 0.00	29.23 -1.19 0.00	33.94 -1.49 0.00	31.81 -1.39 0.00	29.63 -0.95 0.00	26.42 -0.35 0.00	23.96 -0.19 0.00	23.39 0.05 0.00	23.60 0.16 0.00
DUNKIRK___4 23566	22.08 -1.02 0.00	19.71 -1.15 0.00	18.97 -1.17 0.00	18.72 -1.19 0.00	18.58 -1.21 0.00	18.91 -1.10 0.00	19.36 -0.93 0.00	19.45 -1.46 0.00	22.03 -1.53 0.00	22.48 -1.69 0.00	22.97 -1.78 0.00	23.80 -1.76 0.00	23.25 -1.86 0.00	23.98 -1.89 0.00	24.11 -1.54 0.00	24.91 -1.51 0.00	29.14 -1.28 0.00	33.83 -1.59 0.00	31.71 -1.49 0.00	29.57 -1.01 0.00	26.37 -0.40 0.00	23.94 -0.22 0.00	23.37 0.02 0.00	23.60 0.16 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.29 1.20 0.00	21.99 1.13 0.00	21.19 1.05 0.00	20.99 1.08 0.00	20.86 1.07 0.00	21.03 1.02 0.00	21.36 1.08 0.00	22.06 1.15 0.00	24.91 1.34 0.00	25.60 1.43 0.00	26.17 1.41 0.00	26.97 1.41 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.06 1.64 0.00	32.36 1.95 0.00	38.33 2.91 0.00	35.50 2.29 0.00	32.60 2.02 0.00	28.41 1.63 0.00	25.58 1.43 0.00	24.54 1.19 0.00	24.59 1.15 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.13 1.04 0.00	21.84 0.98 0.00	21.05 0.91 0.00	20.85 0.94 0.00	20.72 0.93 0.00	20.91 0.90 0.00	21.22 0.93 0.00	21.89 0.98 0.00	24.69 1.13 0.00	25.38 1.21 0.00	25.94 1.19 0.00	26.76 1.20 0.00	26.27 1.16 0.00	27.08 1.22 0.00	26.98 1.33 0.00	27.85 1.43 0.00	32.09 1.67 0.00	37.91 2.48 0.00	35.16 1.96 0.00	32.26 1.68 0.00	28.19 1.42 0.00	25.39 1.23 0.00	24.35 1.00 0.00	24.40 0.96 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	24.51 1.41 -0.01	22.24 1.38 -0.01	21.46 1.31 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.14 1.39 0.00	26.94 1.38 0.00	26.49 1.38 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.06 1.64 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.69 2.11 0.00	28.46 1.69 0.00	25.60 1.45 0.00	24.70 1.35 0.00	24.85 1.41 -0.01
E179THST_13_KV_LOAD 356214	24.60 1.50 -0.01	22.33 1.46 -0.01	21.52 1.37 -0.01	21.33 1.41 -0.01	21.20 1.41 -0.01	21.27 1.26 0.00	21.57 1.28 0.00	22.12 1.21 0.00	24.95 1.39 0.00	25.69 1.52 0.00	26.22 1.46 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.42 1.55 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.58 2.16 0.00	38.62 3.19 0.00	35.76 2.56 0.00	32.84 2.26 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.79 1.45 0.00	24.95 1.50 -0.01
EAST HAMPTON___GT 23717	25.96 2.86 0.00	23.42 2.56 0.00	22.48 2.34 0.00	22.28 2.37 0.00	22.12 2.33 0.00	22.33 2.32 0.00	22.78 2.49 0.00	23.46 2.55 0.00	26.70 3.13 0.00	27.25 3.07 -0.01	27.71 2.94 -0.01	33.81 2.86 -5.39	33.87 2.89 -5.87	34.44 3.02 -5.56	34.45 3.05 -5.76	35.76 3.28 -6.07	44.89 4.35 -10.13	50.98 5.45 -10.09	46.88 4.78 -8.89	43.25 4.50 -8.17	35.92 3.46 -5.70	33.05 2.95 -5.95	30.71 2.80 -4.56	26.32 2.88 0.00
EAST RIVER___6 23660	24.43 1.34 0.00	22.11 1.25 0.00	21.29 1.15 0.00	21.13 1.21 0.00	21.00 1.21 0.00	21.15 1.14 0.00	21.42 1.14 0.00	22.12 1.21 0.00	25.05 1.49 0.00	25.74 1.57 0.00	26.29 1.54 0.00	27.17 1.61 0.00	26.77 1.66 0.00	27.57 1.71 0.00	27.34 1.69 0.00	28.16 1.74 0.00	32.58 2.16 0.00	38.65 3.22 0.00	35.80 2.59 0.00	32.84 2.26 0.00	28.62 1.85 0.00	25.75 1.59 0.00	24.70 1.35 0.00	24.80 1.36 0.00
EAST RIVER___7 23524	24.43 1.34 0.00	22.11 1.25 0.00	21.29 1.15 0.00	21.13 1.21 0.00	21.00 1.21 0.00	21.15 1.14 0.00	21.42 1.14 0.00	22.12 1.21 0.00	25.05 1.49 0.00	25.74 1.57 0.00	26.29 1.54 0.00	27.17 1.61 0.00	26.77 1.66 0.00	27.57 1.71 0.00	27.34 1.69 0.00	28.16 1.74 0.00	32.58 2.16 0.00	38.65 3.22 0.00	35.80 2.59 0.00	32.84 2.26 0.00	28.62 1.85 0.00	25.75 1.59 0.00	24.70 1.35 0.00	24.80 1.36 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.25 1.15 0.00	21.94 1.08 0.00	21.15 1.01 0.00	20.97 1.06 0.00	20.82 1.03 0.00	21.01 1.00 0.00	21.32 1.03 0.00	22.02 1.11 0.00	24.86 1.30 0.00	25.55 1.38 0.00	26.12 1.36 0.00	26.92 1.35 0.00	26.47 1.36 0.00	27.26 1.40 0.00	27.16 1.51 0.00	28.01 1.59 0.00	32.30 1.89 0.00	38.23 2.80 0.00	35.40 2.19 0.00	32.51 1.93 0.00	28.35 1.58 0.00	25.53 1.38 0.00	24.49 1.14 0.00	24.54 1.10 0.00
EAST_HAMPTON___DIESEL 23722	25.96 2.86 0.00	23.42 2.56 0.00	22.50 2.36 0.00	22.28 2.37 0.00	22.14 2.35 0.00	22.33 2.32 0.00	22.78 2.49 0.00	23.46 2.55 0.00	26.70 3.13 0.00	27.25 3.07 -0.01	27.71 2.94 -0.01	33.81 2.86 -5.39	33.89 2.91 -5.87	34.44 3.02 -5.56	34.45 3.05 -5.76	35.76 3.28 -6.07	44.89 4.35 -10.13	50.98 5.45 -10.09	46.91 4.81 -8.89	43.28 4.53 -8.17	35.95 3.48 -5.70	33.05 2.95 -5.95	30.74 2.82 -4.56	26.32 2.88 0.00
EAST_PULASKI___ESR 323781	22.66 -0.44 0.00	20.44 -0.42 0.00	19.72 -0.42 0.00	19.49 -0.42 0.00	19.37 -0.42 0.00	19.61 -0.40 0.00	19.90 -0.39 0.00	20.49 -0.42 0.00	23.12 -0.45 0.00	23.69 -0.48 0.00	24.31 -0.45 0.00	25.10 -0.46 0.00	24.66 -0.45 0.00	25.40 -0.47 0.00	25.13 -0.51 0.00	25.92 -0.50 0.00	29.90 -0.52 0.00	34.93 -0.50 0.00	32.71 -0.50 0.00	30.12 -0.46 0.00	26.48 -0.29 0.00	23.84 -0.31 0.00	23.09 -0.26 0.00	23.20 -0.23 0.00
EAST_RIVER___1 323558	24.36 1.27 0.00	22.05 1.19 0.00	21.25 1.11 0.00	21.07 1.15 0.00	20.94 1.15 0.00	21.09 1.08 0.00	21.40 1.12 0.00	22.10 1.19 0.00	25.02 1.46 0.00	25.72 1.55 0.00	26.24 1.49 0.00	27.15 1.59 0.00	26.72 1.61 0.00	27.52 1.66 0.00	27.29 1.64 0.00	28.11 1.69 0.00	32.49 2.07 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.72 2.14 0.00	28.51 1.74 0.00	25.65 1.50 0.00	24.63 1.28 0.00	24.70 1.26 0.00
EAST_RIVER___2 323559	24.43 1.34 0.00	22.11 1.25 0.00	21.29 1.15 0.00	21.13 1.21 0.00	21.00 1.21 0.00	21.15 1.14 0.00	21.42 1.14 0.00	22.12 1.21 0.00	25.05 1.49 0.00	25.74 1.57 0.00	26.29 1.54 0.00	27.17 1.61 0.00	26.77 1.66 0.00	27.57 1.71 0.00	27.34 1.69 0.00	28.16 1.74 0.00	32.58 2.16 0.00	38.65 3.22 0.00	35.80 2.59 0.00	32.84 2.26 0.00	28.62 1.85 0.00	25.75 1.59 0.00	24.70 1.35 0.00	24.80 1.36 0.00
EAST___DELAWARE_HYD 23607	24.25 1.15 0.00	21.88 1.02 0.00	21.11 0.97 0.00	20.91 1.00 0.00	20.78 0.99 0.00	20.99 0.98 0.00	21.30 1.01 0.00	21.94 1.02 0.00	24.79 1.22 0.00	25.40 1.23 0.00	25.97 1.21 0.00	26.81 1.25 0.00	26.37 1.26 0.00	27.18 1.32 0.00	27.06 1.41 0.00	27.93 1.51 0.00	32.21 1.79 0.00	38.05 2.62 0.00	35.36 2.16 0.00	32.45 1.87 0.00	28.38 1.61 0.00	25.51 1.35 0.00	24.44 1.10 0.00	24.52 1.08 0.00
EIGHT_POINT___WT_PWR 323820	23.05 -0.05 0.00	20.74 -0.12 0.00	20.00 -0.14 0.00	19.75 -0.16 0.00	19.63 -0.16 0.00	19.95 -0.06 0.00	20.35 0.06 0.00	20.91 0.00 0.00	23.63 0.07 0.00	24.22 0.05 0.00	24.78 0.02 0.00	25.54 -0.03 0.00	25.14 0.03 0.00	25.94 0.08 0.00	25.83 0.18 0.00	26.76 0.34 0.00	31.15 0.73 0.00	36.42 0.99 0.00	34.34 1.13 0.00	31.81 1.22 0.00	28.14 1.36 0.00	25.46 1.30 0.00	24.63 1.28 0.00	24.68 1.24 0.00
ELBRIDGE_115KV_TB2 80188	23.16 0.07 0.00	20.86 0.00 0.00	20.12 -0.02 0.00	19.87 -0.04 0.00	19.75 -0.04 0.00	20.03 0.02 0.00	20.37 0.08 0.00	20.95 0.04 0.00	23.66 0.09 0.00	24.24 0.07 0.00	24.85 0.10 0.00	25.66 0.10 0.00	25.16 0.05 0.00	25.92 0.05 0.00	25.70 0.05 0.00	26.53 0.11 0.00	30.66 0.24 0.00	35.78 0.35 0.00	33.50 0.30 0.00	30.92 0.34 0.00	27.17 0.40 0.00	24.49 0.34 0.00	23.72 0.37 0.00	23.81 0.38 0.00
ELEC_TRO_TEK 24086	24.64 1.55 0.00	22.28 1.42 0.00	21.43 1.29 0.00	21.25 1.33 0.00	21.10 1.31 0.00	21.29 1.28 0.00	21.61 1.32 0.00	22.33 1.42 0.00	25.24 1.67 0.00	25.98 1.81 0.00	26.56 1.81 0.00	32.77 1.81 -5.39	32.77 1.78 -5.87	33.26 1.84 -5.56	33.38 1.97 -5.76	34.55 2.06 -6.06	42.95 2.40 -10.13	48.96 3.44 -10.09	44.89 2.79 -8.89	41.20 2.45 -8.17	34.53 2.06 -5.70	31.91 1.81 -5.95	29.47 1.56 -4.56	24.94 1.50 0.00
ELLENBURG_WT_PWR 323604	23.19 0.09 0.00	20.74 -0.12 0.00	20.02 -0.12 0.00	19.73 -0.18 0.00	19.65 -0.14 0.00	19.99 -0.02 0.00	20.25 -0.04 0.00	20.95 0.04 0.00	23.66 0.09 0.00	24.34 0.17 0.00	25.00 0.25 0.00	25.84 0.28 0.00	25.54 0.43 0.00	26.15 0.29 0.00	25.83 0.18 0.00	26.32 -0.11 0.00	30.02 -0.40 0.00	34.22 -1.20 0.00	32.34 -0.86 0.00	29.85 -0.73 0.00	26.02 -0.75 0.00	23.41 -0.75 0.00	22.76 -0.58 0.00	22.92 -0.52 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.85 -1.25 0.00	19.55 -1.31 0.00	18.81 -1.33 0.00	18.56 -1.35 0.00	18.42 -1.37 0.00	18.77 -1.24 0.00	19.17 -1.12 0.00	19.26 -1.65 0.00	21.80 -1.77 0.00	22.26 -1.91 0.00	22.73 -2.03 0.00	23.54 -2.02 0.00	23.03 -2.08 0.00	23.74 -2.12 0.00	23.85 -1.80 0.00	24.60 -1.82 0.00	28.71 -1.70 0.00	33.27 -2.16 0.00	31.18 -2.03 0.00	29.08 -1.50 0.00	25.89 -0.88 0.00	23.50 -0.65 0.00	22.95 -0.40 0.00	23.20 -0.23 0.00
EMPIRE_CC_1 323656	23.60 0.51 0.00	21.40 0.54 0.00	20.67 0.52 0.00	20.43 0.52 0.00	20.30 0.51 0.00	20.51 0.50 0.00	20.80 0.51 0.00	21.41 0.50 0.00	24.17 0.61 0.00	24.77 0.60 0.00	25.35 0.59 0.00	26.20 0.64 0.00	25.79 0.68 0.00	26.53 0.67 0.00	26.26 0.61 0.00	27.03 0.61 0.00	31.03 0.61 0.00	36.67 1.24 0.00	33.94 0.73 0.00	31.16 0.58 0.00	27.20 0.43 0.00	24.64 0.48 0.00	23.72 0.37 0.00	23.70 0.26 0.00
EMPIRE_CC_2 323658	23.60 0.51 0.00	21.40 0.54 0.00	20.67 0.52 0.00	20.43 0.52 0.00	20.30 0.51 0.00	20.51 0.50 0.00	20.80 0.51 0.00	21.41 0.50 0.00	24.17 0.61 0.00	24.77 0.60 0.00	25.35 0.59 0.00	26.20 0.64 0.00	25.79 0.68 0.00	26.53 0.67 0.00	26.26 0.61 0.00	27.03 0.61 0.00	31.03 0.61 0.00	36.67 1.24 0.00	33.94 0.73 0.00	31.16 0.58 0.00	27.20 0.43 0.00	24.64 0.48 0.00	23.72 0.37 0.00	23.70 0.26 0.00
ENORWICH_115KV_TB1 80156	24.66 1.57 0.00	22.19 1.34 0.00	21.41 1.27 0.00	21.11 1.19 0.00	20.94 1.15 0.00	21.25 1.24 0.00	21.69 1.40 0.00	22.35 1.44 0.00	25.24 1.67 0.00	25.72 1.55 0.00	26.29 1.53 0.00	27.20 1.64 0.00	26.72 1.61 0.00	27.52 1.66 0.00	27.44 1.80 0.00	28.43 2.01 0.00	33.00 2.59 0.00	38.54 3.12 0.00	36.16 2.96 0.00	33.27 2.69 0.00	29.34 2.57 0.00	26.28 2.13 0.00	25.31 1.96 0.00	25.43 1.99 0.00
ERIE_ST__34_KV_TB1-2 80199	22.40 -0.69 0.00	20.03 -0.83 0.00	19.28 -0.87 0.00	19.00 -0.92 0.00	18.88 -0.91 0.00	19.23 -0.78 0.00	19.66 -0.63 0.00	19.78 -1.13 0.00	22.41 -1.15 0.00	22.89 -1.28 0.00	23.39 -1.36 0.00	24.21 -1.35 0.00	23.66 -1.46 0.00	24.39 -1.47 0.00	24.52 -1.13 0.00	25.31 -1.11 0.00	29.60 -0.82 0.00	34.33 -1.10 0.00	32.14 -1.06 0.00	29.94 -0.64 0.00	26.69 -0.08 0.00	24.20 0.05 0.00	23.60 0.26 0.00	23.79 0.35 0.00
ERIE_WT_PWR 323693	22.01 -1.09 0.00	19.69 -1.17 0.00	18.95 -1.19 0.00	18.68 -1.23 0.00	18.56 -1.23 0.00	18.91 -1.10 0.00	19.32 -0.97 0.00	19.41 -1.51 0.00	21.94 -1.63 0.00	22.55 -1.62 0.00	23.12 -1.63 0.00	23.70 -1.86 0.00	23.23 -1.88 0.00	24.10 -1.76 0.00	24.06 -1.59 0.00	24.81 -1.61 0.00	28.96 -1.46 0.00	33.69 -1.74 0.00	31.51 -1.69 0.00	29.36 -1.22 0.00	26.18 -0.59 0.00	23.74 -0.41 0.00	23.18 -0.16 0.00	23.44 0.00 0.00
ESPRGFLD_115KV_TB1 80157	24.16 1.06 0.00	21.82 0.96 0.00	21.07 0.93 0.00	20.83 0.92 0.00	20.68 0.89 0.00	20.95 0.94 0.00	21.28 0.99 0.00	21.96 1.05 0.00	24.81 1.25 0.00	25.33 1.16 0.00	25.94 1.19 0.00	26.81 1.25 0.00	26.32 1.21 0.00	27.13 1.27 0.00	27.00 1.36 0.00	27.95 1.53 0.00	32.30 1.89 0.00	37.87 2.44 0.00	35.30 2.09 0.00	32.45 1.87 0.00	28.46 1.69 0.00	25.60 1.45 0.00	24.58 1.24 0.00	24.63 1.20 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.51 0.42 0.00	21.17 0.31 0.00	20.45 0.30 0.00	20.17 0.26 0.00	20.05 0.26 0.00	20.33 0.32 0.00	20.69 0.41 0.00	21.29 0.38 0.00	24.01 0.45 0.00	24.56 0.39 0.00	25.15 0.40 0.00	26.00 0.43 0.00	25.52 0.40 0.00	26.28 0.41 0.00	26.08 0.44 0.00	26.92 0.50 0.00	31.21 0.79 0.00	36.42 0.99 0.00	34.14 0.93 0.00	31.47 0.89 0.00	27.66 0.88 0.00	24.90 0.75 0.00	24.07 0.72 0.00	24.16 0.73 0.00
ETNA____115KV_TB2 80207	23.51 0.42 0.00	21.17 0.31 0.00	20.45 0.30 0.00	20.17 0.26 0.00	20.05 0.26 0.00	20.33 0.32 0.00	20.69 0.41 0.00	21.29 0.38 0.00	24.01 0.45 0.00	24.56 0.39 0.00	25.15 0.40 0.00	26.00 0.43 0.00	25.52 0.40 0.00	26.28 0.41 0.00	26.08 0.44 0.00	26.92 0.50 0.00	31.21 0.79 0.00	36.42 0.99 0.00	34.14 0.93 0.00	31.47 0.89 0.00	27.66 0.88 0.00	24.90 0.75 0.00	24.07 0.72 0.00	24.16 0.73 0.00
EUCLID___115KV_TB2 356179	22.72 -0.37 0.00	20.50 -0.35 0.00	19.78 -0.36 0.00	19.55 -0.36 0.00	19.43 -0.36 0.00	19.67 -0.34 0.00	19.98 -0.30 0.00	20.56 -0.36 0.00	23.16 -0.40 0.00	23.73 -0.44 0.00	24.31 -0.45 0.00	25.10 -0.46 0.00	24.66 -0.45 0.00	25.40 -0.47 0.00	25.13 -0.51 0.00	25.89 -0.53 0.00	29.90 -0.52 0.00	34.90 -0.53 0.00	32.64 -0.56 0.00	30.09 -0.49 0.00	26.40 -0.37 0.00	23.82 -0.34 0.00	23.11 -0.23 0.00	23.23 -0.21 0.00
E_CANADA_CAP_HY 24051	24.27 1.18 0.00	21.96 1.10 0.00	21.19 1.05 0.00	20.95 1.03 0.00	20.82 1.03 0.00	21.07 1.06 0.00	21.40 1.12 0.00	22.08 1.17 0.00	24.98 1.41 0.00	25.40 1.23 0.00	26.04 1.29 0.00	26.94 1.38 0.00	26.44 1.33 0.00	27.26 1.40 0.00	27.13 1.49 0.00	28.11 1.69 0.00	32.52 2.10 0.00	38.16 2.73 0.00	35.50 2.29 0.00	32.57 1.99 0.00	28.54 1.77 0.00	25.77 1.62 0.00	24.68 1.33 0.00	24.68 1.24 0.00
E_CANADA_MHWK_HY 24050	23.30 0.21 0.00	21.05 0.19 0.00	20.34 0.20 0.00	20.11 0.20 0.00	19.99 0.20 0.00	20.19 0.18 0.00	20.47 0.18 0.00	21.10 0.19 0.00	23.80 0.24 0.00	24.41 0.24 0.00	25.03 0.27 0.00	25.89 0.33 0.00	25.44 0.33 0.00	26.20 0.34 0.00	25.98 0.33 0.00	26.76 0.34 0.00	30.78 0.37 0.00	35.99 0.57 0.00	33.64 0.43 0.00	30.95 0.37 0.00	27.10 0.32 0.00	24.47 0.31 0.00	23.65 0.30 0.00	23.74 0.30 0.00
E_FISHKILL___LBMP 23776	24.11 1.02 0.00	21.84 0.98 0.00	21.05 0.91 0.00	20.85 0.94 0.00	20.72 0.93 0.00	20.91 0.90 0.00	21.20 0.91 0.00	21.89 0.98 0.00	24.69 1.13 0.00	25.38 1.21 0.00	25.97 1.21 0.00	26.76 1.20 0.00	26.29 1.18 0.00	27.10 1.24 0.00	26.98 1.33 0.00	27.82 1.40 0.00	32.03 1.61 0.00	37.91 2.48 0.00	35.10 1.89 0.00	32.23 1.65 0.00	28.11 1.34 0.00	25.34 1.18 0.00	24.33 0.98 0.00	24.35 0.91 0.00
FALCON___SEABRD_CC1 323796	23.44 0.35 0.00	20.99 0.13 0.00	20.24 0.10 0.00	19.95 0.04 0.00	19.85 0.06 0.00	20.19 0.18 0.00	20.45 0.16 0.00	21.18 0.27 0.00	23.92 0.35 0.00	24.61 0.44 0.00	25.30 0.54 0.00	26.15 0.59 0.00	25.89 0.78 0.00	26.48 0.62 0.00	26.16 0.51 0.00	26.66 0.24 0.00	30.42 0.00 0.00	34.72 -0.71 0.00	32.77 -0.43 0.00	30.31 -0.28 0.00	26.42 -0.35 0.00	23.74 -0.41 0.00	23.07 -0.28 0.00	23.23 -0.21 0.00
FALCON___SEABRD_CC2 323797	23.44 0.35 0.00	20.99 0.13 0.00	20.24 0.10 0.00	19.95 0.04 0.00	19.85 0.06 0.00	20.19 0.18 0.00	20.45 0.16 0.00	21.18 0.27 0.00	23.92 0.35 0.00	24.61 0.44 0.00	25.30 0.54 0.00	26.15 0.59 0.00	25.89 0.78 0.00	26.48 0.62 0.00	26.16 0.51 0.00	26.66 0.24 0.00	30.42 0.00 0.00	34.72 -0.71 0.00	32.77 -0.43 0.00	30.31 -0.28 0.00	26.42 -0.35 0.00	23.74 -0.41 0.00	23.07 -0.28 0.00	23.23 -0.21 0.00



FAR ROCKAWAY___4 23548	24.92 1.82 0.00	22.51 1.65 0.00	21.65 1.51 0.00	21.45 1.53 0.00	21.31 1.52 0.00	21.51 1.50 0.00	21.81 1.52 0.00	22.56 1.65 0.00	25.49 1.93 0.00	26.27 2.10 0.00	26.88 2.13 0.00	33.15 2.20 -5.39	33.17 2.18 -5.87	33.67 2.25 -5.56	33.76 2.36 -5.76	34.97 2.48 -6.06	43.46 2.92 -10.13	49.56 4.04 -10.09	45.45 3.35 -8.89	41.72 2.97 -8.17	34.96 2.49 -5.70	32.27 2.17 -5.95	29.82 1.91 -4.56	25.27 1.83 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.39 1.29 0.00	22.07 1.21 0.00	21.27 1.13 0.00	21.11 1.19 0.00	20.96 1.17 0.00	21.11 1.10 0.00	21.45 1.16 0.00	22.14 1.23 0.00	24.98 1.41 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.52 2.10 0.00	38.51 3.08 0.00	35.66 2.46 0.00	32.75 2.17 0.00	28.54 1.77 0.00	25.68 1.52 0.00	24.65 1.31 0.00	24.73 1.29 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.39 1.29 0.00	22.07 1.21 0.00	21.27 1.13 0.00	21.09 1.17 0.00	20.96 1.17 0.00	21.11 1.10 0.00	21.43 1.14 0.00	22.12 1.21 0.00	24.98 1.41 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.39 1.53 0.00	27.29 1.64 0.00	28.16 1.74 0.00	32.52 2.10 0.00	38.51 3.08 0.00	35.66 2.46 0.00	32.75 2.17 0.00	28.54 1.77 0.00	25.68 1.52 0.00	24.65 1.31 0.00	24.73 1.29 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.36 1.27 0.00	22.05 1.19 0.00	21.25 1.11 0.00	21.07 1.15 0.00	20.94 1.15 0.00	21.09 1.08 0.00	21.43 1.14 0.00	22.10 1.19 0.00	24.95 1.39 0.00	25.67 1.50 0.00	26.22 1.46 0.00	27.02 1.46 0.00	26.57 1.46 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.14 1.72 0.00	32.49 2.07 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.51 1.74 0.00	25.65 1.50 0.00	24.61 1.26 0.00	24.70 1.27 0.00
FARRAGUT___LBMP 323566	24.34 1.25 0.00	22.05 1.19 0.00	21.23 1.09 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.93 1.37 0.00	25.67 1.50 0.00	26.22 1.46 0.00	27.02 1.46 0.00	26.57 1.46 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.69 2.11 0.00	28.49 1.71 0.00	25.63 1.47 0.00	24.61 1.26 0.00	24.68 1.24 0.00
FENNER___WINDPWR 24204	23.46 0.37 0.00	21.17 0.31 0.00	20.45 0.30 0.00	20.21 0.30 0.00	20.09 0.30 0.00	20.33 0.32 0.00	20.67 0.38 0.00	21.29 0.38 0.00	24.01 0.45 0.00	24.61 0.44 0.00	25.22 0.47 0.00	26.02 0.46 0.00	25.57 0.45 0.00	26.35 0.49 0.00	26.16 0.51 0.00	27.00 0.58 0.00	31.15 0.73 0.00	36.35 0.92 0.00	34.00 0.80 0.00	31.31 0.73 0.00	27.50 0.72 0.00	24.73 0.58 0.00	23.88 0.54 0.00	23.98 0.54 0.00
FIBERTEK___ENERGY 23856	23.12 0.02 0.00	20.84 -0.02 0.00	20.12 -0.02 0.00	19.87 -0.04 0.00	19.75 -0.04 0.00	20.01 0.00 0.00	20.35 0.06 0.00	20.93 0.02 0.00	23.63 0.07 0.00	24.22 0.05 0.00	24.83 0.07 0.00	25.64 0.08 0.00	25.16 0.05 0.00	25.92 0.05 0.00	25.67 0.03 0.00	26.47 0.05 0.00	30.57 0.15 0.00	35.68 0.25 0.00	33.40 0.20 0.00	30.80 0.21 0.00	27.07 0.29 0.00	24.40 0.24 0.00	23.63 0.28 0.00	23.74 0.30 0.00
FITZPATRICK___ 23598	22.40 -0.69 0.00	20.21 -0.65 0.00	19.50 -0.65 0.00	19.27 -0.64 0.00	19.16 -0.63 0.00	19.39 -0.62 0.00	19.68 -0.61 0.00	20.24 -0.67 0.00	22.74 -0.83 0.00	23.32 -0.85 0.00	23.89 -0.87 0.00	24.64 -0.92 0.00	24.16 -0.95 0.00	24.88 -0.98 0.00	24.70 -0.95 0.00	25.44 -0.98 0.00	29.32 -1.09 0.00	34.26 -1.17 0.00	32.04 -1.16 0.00	29.51 -1.07 0.00	25.89 -0.88 0.00	23.38 -0.77 0.00	22.72 -0.63 0.00	22.85 -0.59 0.00
FLOWRFLD_69_KV_BK1 356044	25.13 2.03 0.00	22.70 1.84 0.00	21.82 1.67 0.00	21.61 1.69 0.00	21.49 1.70 0.00	21.65 1.64 0.00	21.97 1.68 0.00	22.75 1.84 0.00	25.68 2.12 0.00	26.42 2.25 0.00	26.96 2.20 0.00	33.10 2.15 -5.39	33.14 2.16 -5.87	33.64 2.22 -5.56	33.76 2.36 -5.76	35.00 2.51 -6.06	43.68 3.13 -10.13	49.77 4.25 -10.09	45.68 3.59 -8.89	41.96 3.21 -8.17	35.04 2.57 -5.70	32.35 2.25 -5.95	29.96 2.05 -4.56	25.48 2.04 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.36 1.27 0.00	22.03 1.17 0.00	21.23 1.09 0.00	21.03 1.12 0.00	20.90 1.11 0.00	21.09 1.08 0.00	21.38 1.10 0.00	22.06 1.15 0.00	24.93 1.37 0.00	25.60 1.43 0.00	26.17 1.41 0.00	27.02 1.46 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.14 1.72 0.00	32.40 1.98 0.00	38.33 2.91 0.00	35.53 2.32 0.00	32.60 2.02 0.00	28.46 1.69 0.00	25.60 1.45 0.00	24.54 1.19 0.00	24.59 1.15 0.00
FORT ORANGE___ 23900	23.58 0.49 0.00	21.38 0.52 0.00	20.67 0.52 0.00	20.45 0.54 0.00	20.32 0.53 0.00	20.53 0.52 0.00	20.80 0.51 0.00	21.48 0.56 0.00	24.22 0.66 0.00	24.80 0.63 0.00	25.35 0.59 0.00	26.20 0.64 0.00	25.77 0.65 0.00	26.53 0.67 0.00	26.34 0.69 0.00	27.13 0.71 0.00	31.21 0.79 0.00	36.81 1.38 0.00	34.10 0.90 0.00	31.31 0.73 0.00	27.36 0.59 0.00	24.71 0.56 0.00	23.79 0.44 0.00	23.74 0.30 0.00
FORT_DRUM_COGEN 23780	22.66 -0.44 0.00	20.42 -0.44 0.00	19.70 -0.44 0.00	19.47 -0.44 0.00	19.35 -0.44 0.00	19.53 -0.48 0.00	19.86 -0.43 0.00	20.51 -0.40 0.00	23.16 -0.40 0.00	23.73 -0.44 0.00	24.33 -0.42 0.00	25.18 -0.38 0.00	24.76 -0.35 0.00	25.55 -0.31 0.00	25.31 -0.33 0.00	26.18 -0.24 0.00	30.33 -0.09 0.00	35.36 -0.07 0.00	33.17 -0.03 0.00	30.58 0.00 0.00	26.91 0.13 0.00	24.08 -0.07 0.00	23.21 -0.14 0.00	23.27 -0.16 0.00
FOX_HILLS___ESR 323835	24.58 1.48 -0.01	22.14 1.27 -0.01	21.36 1.21 -0.01	21.14 1.21 -0.01	21.01 1.21 -0.01	21.19 1.18 0.00	21.49 1.20 0.00	22.08 1.17 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.09 1.34 0.00	26.92 1.35 0.00	26.49 1.38 0.00	27.31 1.45 0.00	27.24 1.59 0.00	28.11 1.69 0.00	32.64 2.22 0.00	38.79 3.37 0.00	35.93 2.72 0.00	32.97 2.39 0.00	28.59 1.82 0.00	25.77 1.62 0.00	24.82 1.47 0.00	24.83 1.38 -0.01
FPL_FAR_ROCK_GT1 24212	24.92 1.82 0.00	22.51 1.65 0.00	21.65 1.51 0.00	21.45 1.53 0.00	21.29 1.50 0.00	21.51 1.50 0.00	21.83 1.54 0.00	22.56 1.65 0.00	25.59 2.03 0.00	26.33 2.15 -0.01	26.94 2.18 -0.01	33.25 2.30 -5.39	33.32 2.34 -5.87	33.83 2.41 -5.56	33.79 2.39 -5.76	34.97 2.48 -6.07	43.46 2.92 -10.13	49.56 4.04 -10.10	45.46 3.35 -8.90	41.75 3.00 -8.17	34.96 2.49 -5.70	32.28 2.17 -5.95	29.83 1.91 -4.56	25.27 1.83 0.00
FPL_FAR_ROCK_GT2 23815	24.92 1.82 0.00	22.51 1.65 0.00	21.65 1.51 0.00	21.45 1.53 0.00	21.29 1.50 0.00	21.51 1.50 0.00	21.83 1.54 0.00	22.56 1.65 0.00	25.59 2.03 0.00	26.33 2.15 -0.01	26.94 2.18 -0.01	33.25 2.30 -5.39	33.32 2.34 -5.87	33.83 2.41 -5.56	33.79 2.39 -5.76	34.97 2.48 -6.07	43.46 2.92 -10.13	49.56 4.04 -10.10	45.46 3.35 -8.90	41.75 3.00 -8.17	34.96 2.49 -5.70	32.28 2.17 -5.95	29.83 1.91 -4.56	25.27 1.83 0.00



FRANKLIN_FALL_HYD 24054	23.30 0.21 0.00	20.88 0.02 0.00	20.14 0.00 0.00	19.85 -0.06 0.00	19.75 -0.04 0.00	20.03 0.02 0.00	20.27 -0.02 0.00	21.02 0.10 0.00	23.73 0.16 0.00	24.39 0.22 0.00	25.05 0.30 0.00	25.92 0.36 0.00	25.64 0.53 0.00	26.28 0.41 0.00	25.93 0.28 0.00	26.50 0.08 0.00	30.30 -0.12 0.00	34.58 -0.85 0.00	32.67 -0.53 0.00	30.28 -0.31 0.00	26.45 -0.32 0.00	23.72 -0.43 0.00	23.02 -0.33 0.00	23.20 -0.23 0.00
FREEPORT_EQUS_GT1 23764	24.85 1.75 0.00	22.44 1.58 0.00	21.59 1.45 0.00	21.39 1.47 0.00	21.23 1.44 0.00	21.43 1.42 0.00	21.79 1.50 0.00	22.50 1.59 0.00	25.52 1.95 0.00	26.23 2.05 -0.01	26.82 2.05 -0.01	33.07 2.12 -5.39	33.14 2.16 -5.87	33.64 2.22 -5.56	33.61 2.21 -5.76	34.78 2.30 -6.07	43.28 2.74 -10.13	49.32 3.79 -10.10	45.26 3.16 -8.89	41.53 2.78 -8.17	34.80 2.33 -5.70	32.16 2.05 -5.95	29.71 1.80 -4.56	25.15 1.71 0.00
FREEPORT___CT2 23818	24.85 1.75 0.00	22.44 1.58 0.00	21.59 1.45 0.00	21.39 1.47 0.00	21.23 1.44 0.00	21.43 1.42 0.00	21.79 1.50 0.00	22.50 1.59 0.00	25.52 1.95 0.00	26.23 2.05 -0.01	26.82 2.05 -0.01	33.07 2.12 -5.39	33.14 2.16 -5.87	33.64 2.22 -5.56	33.61 2.21 -5.76	34.78 2.30 -6.07	43.28 2.74 -10.13	49.32 3.79 -10.10	45.26 3.16 -8.89	41.53 2.78 -8.17	34.80 2.33 -5.70	32.16 2.05 -5.95	29.71 1.80 -4.56	25.15 1.71 0.00
FRESHKLS_33_KV_LOAD 356253	24.60 1.50 -0.01	22.16 1.29 -0.01	21.36 1.21 -0.01	21.14 1.21 -0.01	21.01 1.21 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.08 1.17 0.00	24.81 1.25 0.00	25.57 1.40 0.00	26.04 1.29 0.00	26.86 1.30 0.00	26.44 1.33 0.00	27.29 1.42 0.00	27.21 1.56 0.00	28.08 1.66 0.00	32.64 2.22 0.00	38.79 3.37 0.00	35.90 2.69 0.00	32.97 2.39 0.00	28.59 1.82 0.00	25.77 1.62 0.00	24.84 1.49 0.00	24.81 1.36 -0.01
FULTON COGEN____ 23766	22.61 -0.48 0.00	20.40 -0.46 0.00	19.70 -0.44 0.00	19.45 -0.46 0.00	19.33 -0.46 0.00	19.57 -0.44 0.00	19.88 -0.41 0.00	20.47 -0.44 0.00	23.07 -0.49 0.00	23.66 -0.51 0.00	24.24 -0.52 0.00	25.02 -0.54 0.00	24.56 -0.55 0.00	25.29 -0.57 0.00	25.00 -0.64 0.00	25.76 -0.66 0.00	29.72 -0.70 0.00	34.72 -0.71 0.00	32.51 -0.70 0.00	29.94 -0.64 0.00	26.26 -0.51 0.00	23.70 -0.46 0.00	23.00 -0.35 0.00	23.11 -0.33 0.00
FULTON___LFGE 323630	25.45 2.36 0.00	23.03 2.17 0.00	22.20 2.06 0.00	21.94 2.03 0.00	21.77 1.98 0.00	22.07 2.06 0.00	22.44 2.15 0.00	23.15 2.24 0.00	26.20 2.64 0.00	26.71 2.54 0.00	27.45 2.70 0.00	28.45 2.89 0.00	27.85 2.74 0.00	28.76 2.90 0.00	28.67 3.02 0.00	29.91 3.49 0.00	34.64 4.23 0.00	40.53 5.10 0.00	37.59 4.38 0.00	34.47 3.88 0.00	30.23 3.46 0.00	27.15 2.99 0.00	25.89 2.55 0.00	25.88 2.44 0.00
G.F.CEMENT___DRP 24184	24.48 1.39 0.00	22.15 1.29 0.00	21.35 1.21 0.00	21.11 1.19 0.00	20.86 1.07 0.00	21.11 1.10 0.00	21.38 1.10 0.00	21.98 1.07 0.00	24.86 1.30 0.00	25.50 1.33 0.00	26.17 1.41 0.00	27.04 1.48 0.00	26.52 1.41 0.00	27.34 1.47 0.00	27.16 1.51 0.00	28.11 1.69 0.00	32.36 1.95 0.00	38.12 2.69 0.00	35.26 2.06 0.00	32.32 1.74 0.00	28.30 1.53 0.00	25.60 1.45 0.00	24.61 1.26 0.00	24.61 1.17 0.00
GARDENVILLE___LBMP 24039	21.92 -1.18 0.00	19.61 -1.25 0.00	18.87 -1.27 0.00	18.60 -1.31 0.00	18.48 -1.31 0.00	18.83 -1.18 0.00	19.23 -1.06 0.00	19.32 -1.59 0.00	21.89 -1.67 0.00	22.33 -1.84 0.00	22.82 -1.93 0.00	23.64 -1.92 0.00	23.10 -2.01 0.00	23.82 -2.04 0.00	23.95 -1.69 0.00	24.70 -1.72 0.00	28.87 -1.55 0.00	33.48 -1.95 0.00	31.38 -1.83 0.00	29.24 -1.35 0.00	26.05 -0.72 0.00	23.65 -0.51 0.00	23.09 -0.26 0.00	23.32 -0.12 0.00
GARDNVLA_35_KV_LD 355827	22.03 -1.06 0.00	19.71 -1.15 0.00	18.95 -1.19 0.00	18.70 -1.21 0.00	18.56 -1.23 0.00	18.91 -1.10 0.00	19.34 -0.95 0.00	19.41 -1.51 0.00	21.98 -1.58 0.00	22.43 -1.74 0.00	22.92 -1.83 0.00	23.75 -1.81 0.00	23.23 -1.88 0.00	23.95 -1.91 0.00	24.06 -1.59 0.00	24.84 -1.59 0.00	29.02 -1.40 0.00	33.66 -1.77 0.00	31.51 -1.69 0.00	29.39 -1.19 0.00	26.18 -0.59 0.00	23.77 -0.39 0.00	23.21 -0.14 0.00	23.46 0.02 0.00
GELCKHM___115KV_LOAD 80723	22.86 -0.23 0.00	20.63 -0.23 0.00	19.90 -0.24 0.00	19.65 -0.26 0.00	19.55 -0.24 0.00	19.79 -0.22 0.00	20.11 -0.18 0.00	20.70 -0.21 0.00	23.33 -0.24 0.00	23.93 -0.24 0.00	24.51 -0.25 0.00	25.30 -0.26 0.00	24.84 -0.28 0.00	25.58 -0.28 0.00	25.31 -0.33 0.00	26.10 -0.32 0.00	30.14 -0.27 0.00	35.18 -0.25 0.00	32.94 -0.27 0.00	30.34 -0.24 0.00	26.64 -0.13 0.00	24.03 -0.12 0.00	23.30 -0.05 0.00	23.41 -0.02 0.00
GENERAL___MILLS 23808	22.01 -1.09 0.00	19.67 -1.19 0.00	18.93 -1.21 0.00	18.68 -1.23 0.00	18.54 -1.25 0.00	18.89 -1.12 0.00	19.30 -0.99 0.00	19.38 -1.53 0.00	21.96 -1.60 0.00	22.41 -1.76 0.00	22.90 -1.86 0.00	23.72 -1.84 0.00	23.20 -1.91 0.00	23.90 -1.97 0.00	24.03 -1.62 0.00	24.81 -1.61 0.00	28.99 -1.43 0.00	33.59 -1.84 0.00	31.48 -1.73 0.00	29.36 -1.22 0.00	26.16 -0.62 0.00	23.74 -0.41 0.00	23.18 -0.16 0.00	23.41 -0.02 0.00
GE_PLASTICS___DRP 24183	23.51 0.42 0.00	21.32 0.46 0.00	20.61 0.46 0.00	20.39 0.48 0.00	20.26 0.47 0.00	20.47 0.46 0.00	20.72 0.43 0.00	21.39 0.48 0.00	24.08 0.52 0.00	24.68 0.51 0.00	25.28 0.52 0.00	26.07 0.51 0.00	25.62 0.50 0.00	26.41 0.54 0.00	26.24 0.59 0.00	27.05 0.63 0.00	31.09 0.67 0.00	36.63 1.20 0.00	34.00 0.80 0.00	31.22 0.64 0.00	27.28 0.51 0.00	24.64 0.48 0.00	23.74 0.40 0.00	23.72 0.28 0.00
GILBOA___1 23756	23.63 0.53 0.00	21.38 0.52 0.00	20.71 0.56 0.00	20.49 0.58 0.00	20.36 0.57 0.00	20.57 0.56 0.00	20.78 0.49 0.00	21.43 0.52 0.00	24.20 0.64 0.00	24.82 0.65 0.00	25.40 0.64 0.00	26.22 0.66 0.00	25.79 0.68 0.00	26.56 0.70 0.00	26.34 0.69 0.00	27.16 0.74 0.00	31.27 0.85 0.00	36.77 1.35 0.00	34.20 1.00 0.00	31.44 0.86 0.00	27.50 0.72 0.00	24.78 0.63 0.00	23.88 0.54 0.00	23.93 0.49 0.00
GILBOA___2 23757	23.63 0.53 0.00	21.38 0.52 0.00	20.71 0.56 0.00	20.49 0.58 0.00	20.36 0.57 0.00	20.57 0.56 0.00	20.78 0.49 0.00	21.43 0.52 0.00	24.20 0.64 0.00	24.82 0.65 0.00	25.40 0.64 0.00	26.22 0.66 0.00	25.79 0.68 0.00	26.56 0.70 0.00	26.34 0.69 0.00	27.16 0.74 0.00	31.27 0.85 0.00	36.77 1.35 0.00	34.20 1.00 0.00	31.44 0.86 0.00	27.50 0.72 0.00	24.78 0.63 0.00	23.88 0.54 0.00	23.93 0.49 0.00
GILBOA___3 23758	23.63 0.53 0.00	21.38 0.52 0.00	20.71 0.56 0.00	20.49 0.58 0.00	20.36 0.57 0.00	20.57 0.56 0.00	20.78 0.49 0.00	21.43 0.52 0.00	24.20 0.64 0.00	24.82 0.65 0.00	25.40 0.64 0.00	26.22 0.66 0.00	25.79 0.68 0.00	26.56 0.70 0.00	26.34 0.69 0.00	27.16 0.74 0.00	31.27 0.85 0.00	36.77 1.35 0.00	34.20 1.00 0.00	31.44 0.86 0.00	27.50 0.72 0.00	24.78 0.63 0.00	23.88 0.54 0.00	23.93 0.49 0.00



GILBOA___4 23759	23.63 0.53 0.00	21.38 0.52 0.00	20.71 0.56 0.00	20.49 0.58 0.00	20.36 0.57 0.00	20.57 0.56 0.00	20.78 0.49 0.00	21.43 0.52 0.00	24.20 0.64 0.00	24.82 0.65 0.00	25.40 0.64 0.00	26.22 0.66 0.00	25.79 0.68 0.00	26.56 0.70 0.00	26.34 0.69 0.00	27.16 0.74 0.00	31.27 0.85 0.00	36.77 1.35 0.00	34.20 1.00 0.00	31.44 0.86 0.00	27.50 0.72 0.00	24.78 0.63 0.00	23.88 0.54 0.00	23.93 0.49 0.00
GILBOA____ 23599	23.62 0.53 0.00	21.38 0.52 0.00	20.71 0.56 0.00	20.49 0.58 0.00	20.36 0.57 0.00	20.57 0.56 0.00	20.78 0.49 0.00	21.43 0.52 0.00	24.15 0.59 0.00	24.80 0.63 0.00	25.37 0.62 0.00	26.20 0.64 0.00	25.72 0.60 0.00	26.48 0.62 0.00	26.34 0.69 0.00	27.16 0.74 0.00	31.27 0.85 0.00	36.77 1.35 0.00	34.20 1.00 0.00	31.44 0.86 0.00	27.50 0.72 0.00	24.78 0.63 0.00	23.88 0.54 0.00	23.93 0.49 0.00
GINNA____ 23603	21.41 -1.68 0.00	19.21 -1.65 0.00	18.53 -1.61 0.00	18.28 -1.63 0.00	18.17 -1.62 0.00	18.43 -1.58 0.00	18.79 -1.50 0.00	19.20 -1.71 0.00	21.68 -1.89 0.00	22.26 -1.91 0.00	22.85 -1.91 0.00	23.49 -2.07 0.00	23.00 -2.11 0.00	23.79 -2.07 0.00	23.67 -1.97 0.00	24.41 -2.01 0.00	28.26 -2.16 0.00	32.91 -2.51 0.00	30.85 -2.36 0.00	28.53 -2.05 0.00	25.14 -1.63 0.00	22.73 -1.43 0.00	22.06 -1.28 0.00	22.20 -1.24 0.00
GLEN PARK____ 23778	22.75 -0.35 0.00	20.48 -0.37 0.00	19.78 -0.36 0.00	19.55 -0.36 0.00	19.43 -0.36 0.00	19.61 -0.40 0.00	19.96 -0.33 0.00	20.62 -0.29 0.00	23.23 -0.33 0.00	23.81 -0.36 0.00	24.43 -0.32 0.00	25.26 -0.31 0.00	24.81 -0.30 0.00	25.63 -0.23 0.00	25.41 -0.23 0.00	26.32 -0.11 0.00	30.48 0.06 0.00	35.57 0.14 0.00	33.37 0.17 0.00	30.74 0.15 0.00	27.07 0.30 0.00	24.20 0.05 0.00	23.30 -0.05 0.00	23.37 -0.07 0.00
GLENDALE_27_KV_LOAD 356172	24.58 1.48 -0.01	22.24 1.38 -0.01	21.42 1.27 -0.01	21.23 1.31 -0.01	21.10 1.31 -0.01	21.23 1.22 0.00	21.55 1.26 0.00	22.21 1.30 0.00	25.05 1.48 0.00	25.79 1.62 0.00	26.31 1.56 0.00	27.15 1.58 0.00	26.70 1.58 0.00	27.52 1.66 0.00	27.42 1.77 0.00	28.27 1.85 0.00	32.70 2.28 0.00	38.76 3.33 0.00	35.90 2.69 0.00	32.97 2.39 0.00	28.67 1.90 0.00	25.80 1.64 0.00	24.82 1.47 0.00	24.92 1.48 -0.01
GLENWOOD_IC_1_G5 23712	24.76 1.66 0.00	22.38 1.52 0.00	21.53 1.39 0.00	21.33 1.41 0.00	21.20 1.41 0.00	21.37 1.36 0.00	21.69 1.40 0.00	22.44 1.53 0.00	25.35 1.79 0.00	26.10 1.93 0.00	26.69 1.93 0.00	32.92 1.97 -5.39	32.92 1.93 -5.87	33.44 2.02 -5.56	33.53 2.13 -5.76	34.70 2.22 -6.06	43.04 2.49 -10.13	49.06 3.54 -10.09	44.99 2.89 -8.89	41.29 2.54 -8.17	34.69 2.22 -5.70	32.06 1.96 -5.95	29.61 1.70 -4.56	25.08 1.64 0.00
GLENWOOD_IC_2_G1 23688	24.69 1.59 0.00	22.32 1.46 0.00	21.47 1.33 0.00	21.27 1.35 0.00	21.14 1.35 0.00	21.33 1.32 0.00	21.67 1.38 0.00	22.37 1.46 0.00	25.38 1.81 0.00	26.09 1.91 -0.01	26.67 1.91 -0.01	32.92 1.97 -5.39	32.99 2.01 -5.87	33.49 2.07 -5.56	33.45 2.05 -5.76	34.63 2.14 -6.07	43.04 2.49 -10.13	49.03 3.51 -10.10	44.95 2.86 -8.89	41.29 2.54 -8.17	34.61 2.14 -5.70	31.99 1.89 -5.95	29.55 1.63 -4.56	25.01 1.57 0.00
GLENWOOD_IC_3_G1 23689	24.69 1.59 0.00	22.32 1.46 0.00	21.47 1.33 0.00	21.27 1.35 0.00	21.14 1.35 0.00	21.33 1.32 0.00	21.67 1.38 0.00	22.37 1.46 0.00	25.38 1.81 0.00	26.09 1.91 -0.01	26.67 1.91 -0.01	32.92 1.97 -5.39	32.99 2.01 -5.87	33.49 2.07 -5.56	33.45 2.05 -5.76	34.63 2.14 -6.07	43.04 2.49 -10.13	49.03 3.51 -10.10	44.95 2.86 -8.89	41.29 2.54 -8.17	34.61 2.14 -5.70	31.99 1.89 -5.95	29.55 1.63 -4.56	25.01 1.57 0.00
GLENWOOD___4 23550	24.76 1.66 0.00	22.38 1.52 0.00	21.53 1.39 0.00	21.33 1.41 0.00	21.20 1.41 0.00	21.37 1.36 0.00	21.69 1.40 0.00	22.44 1.53 0.00	25.35 1.79 0.00	26.10 1.93 0.00	26.69 1.93 0.00	32.92 1.97 -5.39	32.92 1.93 -5.87	33.44 2.02 -5.56	33.53 2.13 -5.76	34.70 2.22 -6.06	43.07 2.52 -10.13	49.10 3.58 -10.09	45.02 2.92 -8.89	41.32 2.57 -8.17	34.69 2.22 -5.70	32.06 1.96 -5.95	29.61 1.70 -4.56	25.08 1.64 0.00
GLENWOOD___5 23614	24.76 1.66 0.00	22.38 1.52 0.00	21.53 1.39 0.00	21.33 1.41 0.00	21.20 1.41 0.00	21.37 1.36 0.00	21.69 1.40 0.00	22.44 1.53 0.00	25.35 1.79 0.00	26.10 1.93 0.00	26.69 1.93 0.00	32.92 1.97 -5.39	32.92 1.93 -5.87	33.44 2.02 -5.56	33.53 2.13 -5.76	34.70 2.22 -6.06	43.07 2.52 -10.13	49.10 3.58 -10.09	45.02 2.92 -8.89	41.32 2.57 -8.17	34.69 2.22 -5.70	32.06 1.96 -5.95	29.61 1.70 -4.56	25.08 1.64 0.00
GLOBAL GREEN_PORT_GT1 23814	25.93 2.84 0.00	23.38 2.52 0.00	22.46 2.32 0.00	22.26 2.35 0.00	22.10 2.31 0.00	22.31 2.30 0.00	22.76 2.47 0.00	23.44 2.53 0.00	26.67 3.11 0.00	27.22 3.05 -0.01	27.68 2.92 -0.01	33.79 2.84 -5.39	33.84 2.86 -5.87	34.42 3.00 -5.56	34.40 3.00 -5.76	35.73 3.25 -6.07	44.86 4.32 -10.13	50.94 5.42 -10.09	46.88 4.78 -8.89	43.22 4.46 -8.17	35.90 3.43 -5.70	33.03 2.92 -5.95	30.69 2.78 -4.56	26.30 2.86 0.00
GLOBE___DSASP 323697	21.11 -1.99 0.00	18.90 -1.96 0.00	18.21 -1.93 0.00	17.94 -1.97 0.00	17.83 -1.96 0.00	18.15 -1.86 0.00	18.52 -1.77 0.00	18.57 -2.34 0.00	21.02 -2.54 0.00	21.44 -2.73 0.00	21.88 -2.87 0.00	22.70 -2.86 0.00	22.20 -2.91 0.00	22.84 -3.03 0.00	22.95 -2.69 0.00	23.65 -2.77 0.00	27.56 -2.86 0.00	31.85 -3.58 0.00	29.85 -3.35 0.00	27.83 -2.75 0.00	24.79 -1.98 0.00	22.51 -1.64 0.00	22.02 -1.33 0.00	22.34 -1.10 0.00
GOETHSLN___LBMP 323567	24.23 1.13 0.00	21.97 1.11 0.00	21.15 1.01 0.00	20.99 1.08 0.00	20.84 1.05 0.00	20.99 0.98 0.00	21.32 1.03 0.00	22.02 1.11 0.00	24.86 1.30 0.00	25.57 1.40 0.00	26.12 1.36 0.00	26.92 1.35 0.00	26.47 1.36 0.00	27.26 1.40 0.00	27.16 1.51 0.00	28.01 1.59 0.00	32.33 1.92 0.00	38.30 2.87 0.00	35.46 2.26 0.00	32.57 1.99 0.00	28.38 1.61 0.00	25.53 1.38 0.00	24.49 1.14 0.00	24.59 1.15 0.00
GOLAH___69_KV_TB 1_2 80279	22.31 -0.79 0.00	20.00 -0.86 0.00	19.26 -0.89 0.00	19.00 -0.92 0.00	18.90 -0.89 0.00	19.19 -0.82 0.00	19.58 -0.71 0.00	19.89 -1.02 0.00	22.53 -1.04 0.00	23.06 -1.11 0.00	23.62 -1.14 0.00	24.44 -1.12 0.00	23.88 -1.23 0.00	24.57 -1.29 0.00	24.57 -1.08 0.00	25.28 -1.14 0.00	29.35 -1.06 0.00	34.12 -1.31 0.00	31.98 -1.23 0.00	29.73 -0.86 0.00	26.32 -0.46 0.00	23.82 -0.34 0.00	23.16 -0.19 0.00	23.37 -0.07 0.00
GOODYEAR_LAKE_HYD 323669	24.04 0.95 0.00	21.69 0.83 0.00	20.97 0.83 0.00	20.73 0.82 0.00	20.60 0.81 0.00	20.83 0.82 0.00	21.16 0.87 0.00	21.81 0.90 0.00	24.62 1.06 0.00	25.23 1.06 0.00	25.82 1.06 0.00	26.69 1.12 0.00	26.19 1.08 0.00	27.00 1.14 0.00	26.85 1.21 0.00	27.74 1.32 0.00	32.00 1.58 0.00	37.52 2.09 0.00	35.00 1.79 0.00	32.20 1.62 0.00	28.25 1.47 0.00	25.39 1.23 0.00	24.42 1.07 0.00	24.47 1.03 0.00



GOUDEY___1 345031	23.21 0.12 0.00	20.90 0.04 0.00	20.18 0.04 0.00	19.93 0.02 0.00	19.83 0.04 0.00	20.09 0.08 0.00	20.41 0.12 0.00	20.97 0.06 0.00	23.66 0.09 0.00	24.24 0.07 0.00	24.80 0.05 0.00	25.61 0.05 0.00	25.11 0.00 0.00	25.86 0.00 0.00	25.72 0.08 0.00	26.58 0.16 0.00	30.75 0.33 0.00	35.89 0.46 0.00	33.57 0.37 0.00	30.98 0.40 0.00	27.25 0.48 0.00	24.61 0.46 0.00	23.79 0.44 0.00	23.88 0.45 0.00
GOUDEY___7 23579	23.23 0.14 0.00	20.92 0.06 0.00	20.20 0.06 0.00	19.95 0.04 0.00	19.83 0.04 0.00	20.09 0.08 0.00	20.43 0.14 0.00	20.99 0.08 0.00	23.68 0.12 0.00	24.27 0.10 0.00	24.83 0.07 0.00	25.64 0.08 0.00	25.14 0.03 0.00	25.89 0.03 0.00	25.75 0.10 0.00	26.61 0.18 0.00	30.78 0.37 0.00	35.92 0.50 0.00	33.60 0.40 0.00	31.01 0.43 0.00	27.28 0.51 0.00	24.64 0.48 0.00	23.81 0.47 0.00	23.91 0.47 0.00
GOUDEY___8 23580	23.21 0.12 0.00	20.90 0.04 0.00	20.18 0.04 0.00	19.93 0.02 0.00	19.83 0.04 0.00	20.09 0.08 0.00	20.41 0.12 0.00	20.97 0.06 0.00	23.66 0.09 0.00	24.24 0.07 0.00	24.80 0.05 0.00	25.61 0.05 0.00	25.11 0.00 0.00	25.86 0.00 0.00	25.72 0.08 0.00	26.58 0.16 0.00	30.75 0.33 0.00	35.89 0.46 0.00	33.57 0.37 0.00	30.98 0.40 0.00	27.25 0.48 0.00	24.61 0.46 0.00	23.79 0.44 0.00	23.88 0.45 0.00
GOWANUS_GT1_1 24077	24.56 1.45 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GOWANUS_GT1_2 24078	24.56 1.45 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GOWANUS_GT1_3 24079	24.56 1.45 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GOWANUS_GT1_4 24080	24.56 1.45 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GOWANUS_GT1_5 24084	24.56 1.45 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GOWANUS_GT1_6 24111	24.56 1.45 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GOWANUS_GT1_7 24112	24.56 1.45 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GOWANUS_GT1_8 24113	24.56 1.45 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GOWANUS_GT2_1 24114	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
GOWANUS_GT2_2 24115	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
GOWANUS_GT2_3 24116	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
GOWANUS_GT2_4 24117	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01



GOWANUS_GT2_5 24118	24.56 <u>1.46</u> -0.01	22.14 <u>1.27</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.26</u> -0.01	21.03 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.49 <u>1.20</u> 0.00	22.12 <u>1.21</u> 0.00	25.00 <u>1.44</u> 0.00	25.72 <u>1.55</u> 0.00	26.22 <u>1.46</u> 0.00	27.09 <u>1.53</u> 0.00	26.72 <u>1.61</u> 0.00	27.54 <u>1.68</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.73 <u>2.31</u> 0.00	38.83 <u>3.40</u> 0.00	36.00 <u>2.79</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.50</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT2_6 24119	24.56 <u>1.46</u> -0.01	22.14 <u>1.27</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.26</u> -0.01	21.03 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.49 <u>1.20</u> 0.00	22.12 <u>1.21</u> 0.00	25.00 <u>1.44</u> 0.00	25.72 <u>1.55</u> 0.00	26.22 <u>1.46</u> 0.00	27.09 <u>1.53</u> 0.00	26.72 <u>1.61</u> 0.00	27.54 <u>1.68</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.73 <u>2.31</u> 0.00	38.83 <u>3.40</u> 0.00	36.00 <u>2.79</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.50</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT2_7 24120	24.56 <u>1.46</u> -0.01	22.14 <u>1.27</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.26</u> -0.01	21.03 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.49 <u>1.20</u> 0.00	22.12 <u>1.21</u> 0.00	25.00 <u>1.44</u> 0.00	25.72 <u>1.55</u> 0.00	26.22 <u>1.46</u> 0.00	27.09 <u>1.53</u> 0.00	26.72 <u>1.61</u> 0.00	27.54 <u>1.68</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.73 <u>2.31</u> 0.00	38.83 <u>3.40</u> 0.00	36.00 <u>2.79</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.50</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT2_8 24121	24.56 <u>1.46</u> -0.01	22.14 <u>1.27</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.26</u> -0.01	21.03 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.49 <u>1.20</u> 0.00	22.12 <u>1.21</u> 0.00	25.00 <u>1.44</u> 0.00	25.72 <u>1.55</u> 0.00	26.22 <u>1.46</u> 0.00	27.09 <u>1.53</u> 0.00	26.72 <u>1.61</u> 0.00	27.54 <u>1.68</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.73 <u>2.31</u> 0.00	38.83 <u>3.40</u> 0.00	36.00 <u>2.79</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.50</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT3_1 24122	24.56 <u>1.46</u> -0.01	22.20 <u>1.34</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.26</u> -0.01	21.03 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.49 <u>1.20</u> 0.00	22.12 <u>1.21</u> 0.00	25.00 <u>1.44</u> 0.00	25.72 <u>1.55</u> 0.00	26.22 <u>1.46</u> 0.00	27.09 <u>1.53</u> 0.00	26.72 <u>1.61</u> 0.00	27.54 <u>1.68</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.73 <u>2.31</u> 0.00	38.83 <u>3.40</u> 0.00	36.00 <u>2.79</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.50</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT3_2 24123	24.56 <u>1.46</u> -0.01	22.20 <u>1.34</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.26</u> -0.01	21.03 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.49 <u>1.20</u> 0.00	22.12 <u>1.21</u> 0.00	25.00 <u>1.44</u> 0.00	25.72 <u>1.55</u> 0.00	26.22 <u>1.46</u> 0.00	27.09 <u>1.53</u> 0.00	26.72 <u>1.61</u> 0.00	27.54 <u>1.68</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.73 <u>2.31</u> 0.00	38.83 <u>3.40</u> 0.00	36.00 <u>2.79</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.50</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT3_3 24124	24.56 <u>1.46</u> -0.01	22.20 <u>1.34</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.26</u> -0.01	21.03 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.49 <u>1.20</u> 0.00	22.12 <u>1.21</u> 0.00	25.00 <u>1.44</u> 0.00	25.72 <u>1.55</u> 0.00	26.22 <u>1.46</u> 0.00	27.09 <u>1.53</u> 0.00	26.72 <u>1.61</u> 0.00	27.54 <u>1.68</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.73 <u>2.31</u> 0.00	38.83 <u>3.40</u> 0.00	36.00 <u>2.79</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.50</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT3_4 24125	24.56 <u>1.46</u> -0.01	22.20 <u>1.34</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.26</u> -0.01	21.03 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.49 <u>1.20</u> 0.00	22.12 <u>1.21</u> 0.00	25.00 <u>1.44</u> 0.00	25.72 <u>1.55</u> 0.00	26.22 <u>1.46</u> 0.00	27.09 <u>1.53</u> 0.00	26.72 <u>1.61</u> 0.00	27.54 <u>1.68</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.73 <u>2.31</u> 0.00	38.83 <u>3.40</u> 0.00	36.00 <u>2.79</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.50</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT3_5 24126	24.56 <u>1.46</u> -0.01	22.20 <u>1.34</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.26</u> -0.01	21.03 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.49 <u>1.20</u> 0.00	22.12 <u>1.21</u> 0.00	25.00 <u>1.44</u> 0.00	25.72 <u>1.55</u> 0.00	26.22 <u>1.46</u> 0.00	27.09 <u>1.53</u> 0.00	26.72 <u>1.61</u> 0.00	27.54 <u>1.68</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.73 <u>2.31</u> 0.00	38.83 <u>3.40</u> 0.00	36.00 <u>2.79</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.50</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT3_6 24127	24.56 <u>1.46</u> -0.01	22.20 <u>1.34</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.26</u> -0.01	21.03 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.49 <u>1.20</u> 0.00	22.12 <u>1.21</u> 0.00	25.00 <u>1.44</u> 0.00	25.72 <u>1.55</u> 0.00	26.22 <u>1.46</u> 0.00	27.09 <u>1.53</u> 0.00	26.72 <u>1.61</u> 0.00	27.54 <u>1.68</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.73 <u>2.31</u> 0.00	38.83 <u>3.40</u> 0.00	36.00 <u>2.79</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.50</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT3_7 24128	24.56 <u>1.46</u> -0.01	22.20 <u>1.34</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.26</u> -0.01	21.03 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.49 <u>1.20</u> 0.00	22.12 <u>1.21</u> 0.00	25.00 <u>1.44</u> 0.00	25.72 <u>1.55</u> 0.00	26.22 <u>1.46</u> 0.00	27.09 <u>1.53</u> 0.00	26.72 <u>1.61</u> 0.00	27.54 <u>1.68</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.73 <u>2.31</u> 0.00	38.83 <u>3.40</u> 0.00	36.00 <u>2.79</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.50</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT3_8 24129	24.56 <u>1.46</u> -0.01	22.20 <u>1.34</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.26</u> -0.01	21.03 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.49 <u>1.20</u> 0.00	22.12 <u>1.21</u> 0.00	25.00 <u>1.44</u> 0.00	25.72 <u>1.55</u> 0.00	26.22 <u>1.46</u> 0.00	27.09 <u>1.53</u> 0.00	26.72 <u>1.61</u> 0.00	27.54 <u>1.68</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.73 <u>2.31</u> 0.00	38.83 <u>3.40</u> 0.00	36.00 <u>2.79</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.50</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT4_1 24130	24.56 <u>1.45</u> -0.01	22.14 <u>1.27</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.25</u> -0.01	21.02 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.51 <u>1.22</u> 0.00	22.12 <u>1.21</u> 0.00	24.91 <u>1.34</u> 0.00	25.67 <u>1.50</u> 0.00	26.17 <u>1.41</u> 0.00	26.99 <u>1.43</u> 0.00	26.57 <u>1.46</u> 0.00	27.39 <u>1.53</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.70 <u>2.28</u> 0.00	38.83 <u>3.40</u> 0.00	35.96 <u>2.76</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.49</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT4_2 24131	24.56 <u>1.45</u> -0.01	22.14 <u>1.27</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.25</u> -0.01	21.02 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.51 <u>1.22</u> 0.00	22.12 <u>1.21</u> 0.00	24.91 <u>1.34</u> 0.00	25.67 <u>1.50</u> 0.00	26.17 <u>1.41</u> 0.00	26.99 <u>1.43</u> 0.00	26.57 <u>1.46</u> 0.00	27.39 <u>1.53</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.70 <u>2.28</u> 0.00	38.83 <u>3.40</u> 0.00	35.96 <u>2.76</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.49</u> 0.00	24.88 <u>1.43</u> -0.01
GOWANUS_GT4_3 24132	24.56 <u>1.45</u> -0.01	22.14 <u>1.27</u> -0.01	21.38 <u>1.23</u> -0.01	21.18 <u>1.25</u> -0.01	21.02 <u>1.23</u> -0.01	21.21 <u>1.20</u> 0.00	21.51 <u>1.22</u> 0.00	22.12 <u>1.21</u> 0.00	24.91 <u>1.34</u> 0.00	25.67 <u>1.50</u> 0.00	26.17 <u>1.41</u> 0.00	26.99 <u>1.43</u> 0.00	26.57 <u>1.46</u> 0.00	27.39 <u>1.53</u> 0.00	27.31 <u>1.67</u> 0.00	28.16 <u>1.74</u> 0.00	32.70 <u>2.28</u> 0.00	38.83 <u>3.40</u> 0.00	35.96 <u>2.76</u> 0.00	33.03 <u>2.45</u> 0.00	28.65 <u>1.87</u> 0.00	25.80 <u>1.64</u> 0.00	24.84 <u>1.49</u> 0.00	24.88 <u>1.43</u> -0.01



GOWANUS_GT4_4 24133	24.56 1.45 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GOWANUS_GT4_5 24134	24.56 1.45 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GOWANUS_GT4_6 24135	24.56 1.45 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GOWANUS_GT4_7 24136	24.56 1.45 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GOWANUS_GT4_8 24137	24.56 1.45 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GREENBSH_115KV_TB3 55895	23.39 0.30 0.00	21.26 0.40 0.00	20.55 0.40 0.00	20.31 0.40 0.00	20.19 0.40 0.00	20.39 0.38 0.00	20.65 0.37 0.00	21.33 0.42 0.00	23.99 0.42 0.00	24.58 0.41 0.00	25.18 0.42 0.00	25.97 0.41 0.00	25.52 0.40 0.00	26.30 0.44 0.00	26.13 0.49 0.00	26.95 0.53 0.00	30.97 0.55 0.00	36.53 1.10 0.00	33.84 0.63 0.00	31.07 0.49 0.00	27.15 0.37 0.00	24.52 0.36 0.00	23.63 0.28 0.00	23.58 0.14 0.00
GREENDGE_115KV_TB5 80291	23.21 0.12 0.00	20.86 0.00 0.00	20.12 -0.02 0.00	19.85 -0.06 0.00	19.73 -0.06 0.00	20.05 0.04 0.00	20.45 0.16 0.00	20.97 0.06 0.00	23.68 0.12 0.00	24.24 0.07 0.00	24.80 0.05 0.00	25.61 0.05 0.00	25.09 -0.03 0.00	25.84 -0.03 0.00	25.75 0.10 0.00	26.66 0.24 0.00	30.94 0.52 0.00	35.75 0.32 0.00	33.77 0.56 0.00	31.32 0.73 0.00	27.60 0.83 0.00	24.90 0.75 0.00	24.09 0.75 0.00	24.16 0.73 0.00
GREENIDGE___3 23582	23.21 0.12 0.00	20.86 0.00 0.00	20.12 -0.02 0.00	19.85 -0.06 0.00	19.73 -0.06 0.00	20.05 0.04 0.00	20.45 0.16 0.00	20.97 0.06 0.00	23.68 0.12 0.00	24.24 0.07 0.00	24.80 0.05 0.00	25.61 0.05 0.00	25.09 -0.03 0.00	25.84 -0.03 0.00	25.75 0.10 0.00	26.66 0.24 0.00	30.94 0.52 0.00	35.75 0.32 0.00	33.77 0.56 0.00	31.32 0.73 0.00	27.60 0.83 0.00	24.90 0.75 0.00	24.09 0.75 0.00	24.16 0.73 0.00
GREENIDGE___4 23583	23.21 0.12 0.00	20.86 0.00 0.00	20.12 -0.02 0.00	19.85 -0.06 0.00	19.73 -0.06 0.00	20.05 0.04 0.00	20.45 0.16 0.00	20.97 0.06 0.00	23.68 0.12 0.00	24.27 0.10 0.00	24.88 0.12 0.00	25.59 0.03 0.00	25.11 0.00 0.00	25.89 0.03 0.00	25.75 0.10 0.00	26.66 0.24 0.00	30.90 0.49 0.00	35.78 0.35 0.00	33.77 0.56 0.00	31.31 0.73 0.00	27.60 0.83 0.00	24.90 0.75 0.00	24.09 0.75 0.00	24.17 0.73 0.00
GREENLWN_69_KV_BK 3 55738	24.66 1.57 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.25 1.33 0.00	21.12 1.33 0.00	21.29 1.28 0.00	21.61 1.32 0.00	22.35 1.44 0.00	25.26 1.70 0.00	26.01 1.84 0.00	26.56 1.81 0.00	32.74 1.79 -5.39	32.77 1.78 -5.87	33.26 1.84 -5.56	33.35 1.95 -5.76	34.47 1.98 -6.06	42.76 2.22 -10.13	48.75 3.22 -10.09	44.69 2.59 -8.89	41.01 2.26 -8.17	34.42 1.95 -5.70	31.94 1.84 -5.95	29.51 1.61 -4.56	24.99 1.55 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.56 1.45 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01
GRISSOM___SOLAR 323813	25.45 2.36 0.00	23.03 2.17 0.00	22.20 2.06 0.00	21.94 2.03 0.00	21.77 1.98 0.00	22.07 2.06 0.00	22.44 2.15 0.00	23.15 2.24 0.00	26.20 2.64 0.00	26.71 2.54 0.00	27.45 2.70 0.00	28.45 2.89 0.00	27.85 2.74 0.00	28.76 2.90 0.00	28.67 3.02 0.00	29.91 3.49 0.00	34.64 4.23 0.00	40.53 5.10 0.00	37.59 4.38 0.00	34.47 3.88 0.00	30.23 3.46 0.00	27.15 2.99 0.00	25.89 2.55 0.00	25.88 2.44 0.00
GROVEVILLE___HYD 323602	24.36 1.27 0.00	22.03 1.17 0.00	21.23 1.09 0.00	21.03 1.12 0.00	20.90 1.11 0.00	21.09 1.08 0.00	21.38 1.10 0.00	22.06 1.15 0.00	24.93 1.37 0.00	25.60 1.43 0.00	26.17 1.41 0.00	27.02 1.46 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.14 1.72 0.00	32.40 1.98 0.00	38.33 2.91 0.00	35.53 2.32 0.00	32.60 2.02 0.00	28.46 1.69 0.00	25.60 1.45 0.00	24.54 1.19 0.00	24.59 1.15 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.12 0.02 0.00	20.84 -0.02 0.00	20.12 -0.02 0.00	19.87 -0.04 0.00	19.75 -0.04 0.00	20.01 0.00 0.00	20.35 0.06 0.00	20.93 0.02 0.00	23.63 0.07 0.00	24.22 0.05 0.00	24.83 0.07 0.00	25.64 0.08 0.00	25.16 0.05 0.00	25.92 0.05 0.00	25.67 0.03 0.00	26.47 0.05 0.00	30.57 0.15 0.00	35.68 0.25 0.00	33.40 0.20 0.00	30.80 0.21 0.00	27.07 0.29 0.00	24.40 0.24 0.00	23.63 0.28 0.00	23.74 0.30 0.00
HAMLTNNY_34_KV_TB 80303	23.26 0.16 0.00	20.94 0.08 0.00	20.20 0.06 0.00	19.93 0.02 0.00	19.83 0.04 0.00	20.09 0.08 0.00	20.45 0.16 0.00	21.04 0.13 0.00	23.75 0.19 0.00	24.34 0.17 0.00	24.95 0.20 0.00	25.77 0.20 0.00	25.29 0.18 0.00	26.04 0.18 0.00	25.83 0.18 0.00	26.66 0.24 0.00	30.81 0.40 0.00	35.92 0.50 0.00	33.67 0.46 0.00	31.07 0.49 0.00	27.31 0.54 0.00	24.61 0.46 0.00	23.84 0.49 0.00	23.93 0.49 0.00



HAMPSHIRE___PAPER_HYD 323593	22.54 -0.55 0.00	20.32 -0.54 0.00	19.60 -0.54 0.00	19.36 -0.56 0.00	19.26 -0.53 0.00	19.35 -0.66 0.00	19.58 -0.71 0.00	20.26 -0.65 0.00	22.83 -0.73 0.00	23.45 -0.72 0.00	24.04 -0.72 0.00	24.92 -0.64 0.00	24.51 -0.60 0.00	25.27 -0.59 0.00	25.03 -0.62 0.00	25.79 -0.63 0.00	29.75 -0.67 0.00	34.29 -1.14 0.00	32.38 -0.83 0.00	29.94 -0.64 0.00	26.26 -0.51 0.00	23.55 -0.60 0.00	22.79 -0.56 0.00	22.99 -0.45 0.00
HARDSCRABBLE_WT_PWR 323673	23.09 0.00 0.00	20.86 0.00 0.00	20.14 0.00 0.00	19.93 0.02 0.00	19.81 0.02 0.00	20.01 0.00 0.00	20.29 0.00 0.00	20.91 0.00 0.00	23.59 0.02 0.00	24.19 0.02 0.00	24.80 0.05 0.00	25.66 0.10 0.00	25.24 0.13 0.00	25.97 0.10 0.00	25.75 0.10 0.00	26.53 0.11 0.00	30.51 0.09 0.00	35.64 0.21 0.00	33.31 0.10 0.00	30.64 0.06 0.00	26.85 0.08 0.00	24.25 0.10 0.00	23.44 0.09 0.00	23.53 0.09 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.18 1.09 0.00	21.86 1.00 0.00	21.09 0.95 0.00	20.89 0.98 0.00	20.76 0.97 0.00	20.95 0.94 0.00	21.26 0.97 0.00	21.94 1.02 0.00	24.74 1.18 0.00	25.43 1.26 0.00	25.99 1.24 0.00	26.81 1.25 0.00	26.34 1.23 0.00	27.16 1.29 0.00	27.06 1.41 0.00	27.93 1.51 0.00	32.18 1.76 0.00	38.01 2.59 0.00	35.26 2.06 0.00	32.36 1.77 0.00	28.27 1.50 0.00	25.46 1.30 0.00	24.42 1.07 0.00	24.45 1.01 0.00
HARSNRAD_115KV_TB1 81005	21.64 -1.45 0.00	19.36 -1.50 0.00	18.63 -1.51 0.00	18.36 -1.55 0.00	18.25 -1.54 0.00	18.57 -1.44 0.00	18.99 -1.30 0.00	19.03 -1.88 0.00	21.56 -2.00 0.00	21.99 -2.18 0.00	22.45 -2.30 0.00	23.26 -2.30 0.00	22.75 -2.36 0.00	23.43 -2.43 0.00	23.57 -2.08 0.00	24.28 -2.14 0.00	28.35 -2.07 0.00	32.81 -2.62 0.00	30.75 -2.46 0.00	28.65 -1.93 0.00	25.54 -1.23 0.00	23.16 -0.99 0.00	22.67 -0.68 0.00	22.95 -0.49 0.00
HARZA MOOSE___RIVER 24016	23.09 0.00 0.00	20.84 -0.02 0.00	20.10 -0.04 0.00	19.87 -0.04 0.00	19.75 -0.04 0.00	19.95 -0.06 0.00	20.27 -0.02 0.00	20.93 0.02 0.00	23.61 0.05 0.00	24.22 0.05 0.00	24.83 0.07 0.00	25.64 0.08 0.00	25.24 0.13 0.00	26.02 0.16 0.00	25.80 0.15 0.00	26.63 0.21 0.00	30.87 0.46 0.00	35.99 0.57 0.00	33.70 0.50 0.00	31.07 0.49 0.00	27.28 0.51 0.00	24.49 0.34 0.00	23.60 0.26 0.00	23.70 0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.82 -0.28 0.00	20.59 -0.27 0.00	19.86 -0.28 0.00	19.63 -0.28 0.00	19.51 -0.28 0.00	19.75 -0.26 0.00	20.07 -0.22 0.00	20.64 -0.27 0.00	23.28 -0.28 0.00	23.86 -0.31 0.00	24.43 -0.32 0.00	25.23 -0.33 0.00	24.76 -0.35 0.00	25.50 -0.36 0.00	25.26 -0.38 0.00	26.02 -0.40 0.00	30.05 -0.37 0.00	35.11 -0.32 0.00	32.84 -0.37 0.00	30.25 -0.34 0.00	26.56 -0.21 0.00	23.96 -0.19 0.00	23.23 -0.12 0.00	23.34 -0.09 0.00
HELLGATE_13_KV_LD 55870	24.51 1.41 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.21 1.29 -0.01	21.06 1.27 -0.01	21.19 1.18 0.00	21.51 1.22 0.00	22.14 1.23 0.00	24.98 1.41 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.62 1.51 0.00	27.42 1.55 0.00	27.31 1.67 0.00	28.19 1.77 0.00	32.58 2.16 0.00	38.58 3.15 0.00	35.76 2.56 0.00	32.84 2.26 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.72 1.38 0.00	24.85 1.41 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.51 1.41 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.21 1.29 -0.01	21.06 1.27 -0.01	21.19 1.18 0.00	21.51 1.22 0.00	22.14 1.23 0.00	24.98 1.41 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.62 1.51 0.00	27.42 1.55 0.00	27.31 1.67 0.00	28.19 1.77 0.00	32.58 2.16 0.00	38.58 3.15 0.00	35.76 2.56 0.00	32.84 2.26 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.72 1.38 0.00	24.85 1.41 -0.01
HEMPSTEAD___ 23647	24.69 1.59 0.00	22.30 1.44 0.00	21.45 1.31 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.31 1.30 0.00	21.65 1.36 0.00	22.37 1.46 0.00	25.38 1.81 0.00	26.06 1.89 -0.01	26.64 1.88 -0.01	32.89 1.94 -5.39	32.97 1.98 -5.87	33.46 2.04 -5.56	33.43 2.03 -5.76	34.57 2.09 -6.07	43.01 2.46 -10.13	49.00 3.47 -10.10	44.92 2.82 -8.89	41.26 2.51 -8.17	34.56 2.09 -5.70	31.97 1.86 -5.95	29.52 1.61 -4.56	24.98 1.55 0.00
HEWLETT__69_KV_BK3 55828	24.83 1.73 0.00	22.42 1.56 0.00	21.57 1.43 0.00	21.37 1.45 0.00	21.23 1.44 0.00	21.41 1.40 0.00	21.73 1.44 0.00	22.48 1.57 0.00	25.40 1.84 0.00	26.15 1.98 0.00	26.76 2.01 0.00	33.00 2.04 -5.39	33.02 2.03 -5.87	33.54 2.12 -5.56	33.63 2.23 -5.76	34.81 2.33 -6.06	43.28 2.74 -10.13	49.35 3.83 -10.09	45.25 3.15 -8.89	41.53 2.78 -8.17	34.80 2.33 -5.70	32.15 2.05 -5.95	29.68 1.77 -4.56	25.15 1.71 0.00
HICKLING___1 23621	23.19 0.09 0.00	20.86 0.00 0.00	20.12 -0.02 0.00	19.85 -0.06 0.00	19.73 -0.06 0.00	20.05 0.04 0.00	20.43 0.14 0.00	20.95 0.04 0.00	23.66 0.09 0.00	24.19 0.02 0.00	24.76 0.00 0.00	25.56 0.00 0.00	25.04 -0.08 0.00	25.81 -0.05 0.00	25.75 0.10 0.00	26.63 0.21 0.00	30.94 0.52 0.00	36.03 0.60 0.00	33.80 0.60 0.00	31.28 0.70 0.00	27.66 0.88 0.00	24.98 0.82 0.00	24.16 0.82 0.00	24.24 0.80 0.00
HICKLING___2 23622	23.19 0.09 0.00	20.86 0.00 0.00	20.12 -0.02 0.00	19.85 -0.06 0.00	19.73 -0.06 0.00	20.05 0.04 0.00	20.43 0.14 0.00	20.95 0.04 0.00	23.66 0.09 0.00	24.19 0.02 0.00	24.76 0.00 0.00	25.56 0.00 0.00	25.04 -0.08 0.00	25.81 -0.05 0.00	25.75 0.10 0.00	26.63 0.21 0.00	30.94 0.52 0.00	36.03 0.60 0.00	33.80 0.60 0.00	31.28 0.70 0.00	27.66 0.88 0.00	24.98 0.82 0.00	24.16 0.82 0.00	24.24 0.80 0.00
HIGH FALLS___HY 23754	24.36 1.27 0.00	21.99 1.13 0.00	21.21 1.07 0.00	21.01 1.10 0.00	20.90 1.11 0.00	21.09 1.08 0.00	21.41 1.12 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.52 1.35 0.00	26.07 1.31 0.00	26.86 1.30 0.00	26.39 1.28 0.00	27.21 1.34 0.00	27.18 1.54 0.00	28.06 1.64 0.00	32.40 1.98 0.00	38.30 2.87 0.00	35.56 2.36 0.00	32.66 2.08 0.00	28.54 1.77 0.00	25.65 1.50 0.00	24.56 1.21 0.00	24.66 1.22 0.00
HILLBURN___GT 23639	24.18 1.09 0.00	21.86 1.00 0.00	21.07 0.93 0.00	20.89 0.98 0.00	20.74 0.95 0.00	20.93 0.92 0.00	21.24 0.95 0.00	21.94 1.02 0.00	24.83 1.27 0.00	25.50 1.33 0.00	26.04 1.29 0.00	26.91 1.35 0.00	26.49 1.38 0.00	27.28 1.42 0.00	27.06 1.41 0.00	27.90 1.48 0.00	32.15 1.73 0.00	38.01 2.58 0.00	35.23 2.03 0.00	32.35 1.77 0.00	28.24 1.47 0.00	25.46 1.30 0.00	24.42 1.07 0.00	24.45 1.01 0.00
HILLSIDE_115KV_TB1 80332	22.91 -0.18 0.00	20.61 -0.25 0.00	19.88 -0.26 0.00	19.63 -0.28 0.00	19.51 -0.28 0.00	19.81 -0.20 0.00	20.17 -0.12 0.00	20.68 -0.23 0.00	23.33 -0.24 0.00	23.88 -0.29 0.00	24.43 -0.32 0.00	25.23 -0.33 0.00	24.69 -0.43 0.00	25.42 -0.44 0.00	25.39 -0.26 0.00	26.26 -0.16 0.00	30.45 0.03 0.00	35.46 0.04 0.00	33.24 0.03 0.00	30.76 0.18 0.00	27.17 0.40 0.00	24.57 0.41 0.00	23.79 0.44 0.00	23.86 0.42 0.00



HISHELDN_WT_PWR 323625	21.48 -1.62 0.00	19.19 -1.67 0.00	18.49 -1.65 0.00	18.22 -1.69 0.00	18.09 -1.70 0.00	18.43 -1.58 0.00	18.83 -1.46 0.00	18.90 -2.01 0.00	21.37 -2.19 0.00	21.95 -2.22 0.00	22.53 -2.23 0.00	23.08 -2.48 0.00	22.68 -2.44 0.00	23.56 -2.30 0.00	23.57 -2.08 0.00	24.33 -2.09 0.00	28.47 -1.95 0.00	33.20 -2.23 0.00	31.05 -2.16 0.00	28.96 -1.62 0.00	25.86 -0.91 0.00	23.48 -0.68 0.00	22.93 -0.42 0.00	23.18 -0.26 0.00
HOLTSVILLE_IC_1 23690	25.10 2.01 0.00	22.70 1.84 0.00	21.81 1.67 0.00	21.60 1.69 0.00	21.47 1.68 0.00	21.65 1.64 0.00	22.05 1.76 0.00	22.73 1.82 0.00	25.83 2.26 0.00	26.45 2.27 -0.01	26.94 2.18 -0.01	33.10 2.15 -5.39	33.17 2.18 -5.87	33.70 2.28 -5.56	33.68 2.28 -5.76	34.91 2.43 -6.07	43.65 3.10 -10.13	49.59 4.07 -10.09	45.55 3.45 -8.89	41.96 3.21 -8.17	34.98 2.52 -5.70	32.28 2.17 -5.95	29.92 2.01 -4.56	25.45 2.02 0.00
HOLTSVILLE_IC_10 23699	25.22 2.12 0.00	22.78 1.92 0.00	21.89 1.75 0.00	21.68 1.77 0.00	21.55 1.76 0.00	21.73 1.72 0.00	22.14 1.85 0.00	22.81 1.90 0.00	25.94 2.38 0.00	26.55 2.37 -0.01	27.04 2.28 -0.01	33.20 2.25 -5.39	33.27 2.29 -5.87	33.80 2.38 -5.56	33.81 2.41 -5.76	35.05 2.56 -6.07	43.83 3.29 -10.13	49.84 4.32 -10.09	45.78 3.69 -8.89	42.15 3.39 -8.17	35.12 2.65 -5.70	32.40 2.30 -5.95	30.04 2.12 -4.56	25.57 2.13 0.00
HOLTSVILLE_IC_2 23691	25.10 2.01 0.00	22.70 1.84 0.00	21.81 1.67 0.00	21.60 1.69 0.00	21.47 1.68 0.00	21.65 1.64 0.00	22.05 1.76 0.00	22.73 1.82 0.00	25.83 2.26 0.00	26.45 2.27 -0.01	26.94 2.18 -0.01	33.10 2.15 -5.39	33.17 2.18 -5.87	33.70 2.28 -5.56	33.68 2.28 -5.76	34.91 2.43 -6.07	43.65 3.10 -10.13	49.59 4.07 -10.09	45.55 3.45 -8.89	41.96 3.21 -8.17	34.98 2.52 -5.70	32.28 2.17 -5.95	29.92 2.01 -4.56	25.45 2.02 0.00
HOLTSVILLE_IC_3 23692	25.10 2.01 0.00	22.70 1.84 0.00	21.81 1.67 0.00	21.60 1.69 0.00	21.47 1.68 0.00	21.65 1.64 0.00	22.05 1.76 0.00	22.73 1.82 0.00	25.83 2.26 0.00	26.45 2.27 -0.01	26.94 2.18 -0.01	33.10 2.15 -5.39	33.17 2.18 -5.87	33.70 2.28 -5.56	33.68 2.28 -5.76	34.91 2.43 -6.07	43.65 3.10 -10.13	49.59 4.07 -10.09	45.55 3.45 -8.89	41.96 3.21 -8.17	34.98 2.52 -5.70	32.28 2.17 -5.95	29.92 2.01 -4.56	25.45 2.02 0.00
HOLTSVILLE_IC_4 23693	25.10 2.01 0.00	22.70 1.84 0.00	21.81 1.67 0.00	21.60 1.69 0.00	21.47 1.68 0.00	21.65 1.64 0.00	22.05 1.76 0.00	22.73 1.82 0.00	25.83 2.26 0.00	26.45 2.27 -0.01	26.94 2.18 -0.01	33.10 2.15 -5.39	33.17 2.18 -5.87	33.70 2.28 -5.56	33.68 2.28 -5.76	34.91 2.43 -6.07	43.65 3.10 -10.13	49.59 4.07 -10.09	45.55 3.45 -8.89	41.96 3.21 -8.17	34.98 2.52 -5.70	32.28 2.17 -5.95	29.92 2.01 -4.56	25.45 2.02 0.00
HOLTSVILLE_IC_5 23694	25.10 2.01 0.00	22.70 1.84 0.00	21.81 1.67 0.00	21.60 1.69 0.00	21.47 1.68 0.00	21.65 1.64 0.00	22.05 1.76 0.00	22.73 1.82 0.00	25.83 2.26 0.00	26.45 2.27 -0.01	26.94 2.18 -0.01	33.10 2.15 -5.39	33.17 2.18 -5.87	33.70 2.28 -5.56	33.68 2.28 -5.76	34.91 2.43 -6.07	43.65 3.10 -10.13	49.59 4.07 -10.09	45.55 3.45 -8.89	41.96 3.21 -8.17	34.98 2.52 -5.70	32.28 2.17 -5.95	29.92 2.01 -4.56	25.45 2.02 0.00
HOLTSVILLE_IC_6 23695	25.22 2.12 0.00	22.78 1.92 0.00	21.89 1.75 0.00	21.68 1.77 0.00	21.55 1.76 0.00	21.73 1.72 0.00	22.14 1.85 0.00	22.81 1.90 0.00	25.94 2.38 0.00	26.55 2.37 -0.01	27.04 2.28 -0.01	33.20 2.25 -5.39	33.27 2.29 -5.87	33.80 2.38 -5.56	33.81 2.41 -5.76	35.05 2.56 -6.07	43.83 3.29 -10.13	49.84 4.32 -10.09	45.78 3.69 -8.89	42.15 3.39 -8.17	35.12 2.65 -5.70	32.40 2.30 -5.95	30.04 2.12 -4.56	25.57 2.13 0.00
HOLTSVILLE_IC_7 23696	25.22 2.12 0.00	22.78 1.92 0.00	21.89 1.75 0.00	21.68 1.77 0.00	21.55 1.76 0.00	21.73 1.72 0.00	22.14 1.85 0.00	22.81 1.90 0.00	25.94 2.38 0.00	26.55 2.37 -0.01	27.04 2.28 -0.01	33.20 2.25 -5.39	33.27 2.29 -5.87	33.80 2.38 -5.56	33.81 2.41 -5.76	35.05 2.56 -6.07	43.83 3.29 -10.13	49.84 4.32 -10.09	45.78 3.69 -8.89	42.15 3.39 -8.17	35.12 2.65 -5.70	32.40 2.30 -5.95	30.04 2.12 -4.56	25.57 2.13 0.00
HOLTSVILLE_IC_8 23697	25.22 2.12 0.00	22.78 1.92 0.00	21.89 1.75 0.00	21.68 1.77 0.00	21.55 1.76 0.00	21.73 1.72 0.00	22.14 1.85 0.00	22.81 1.90 0.00	25.94 2.38 0.00	26.55 2.37 -0.01	27.04 2.28 -0.01	33.20 2.25 -5.39	33.27 2.29 -5.87	33.80 2.38 -5.56	33.81 2.41 -5.76	35.05 2.56 -6.07	43.83 3.29 -10.13	49.84 4.32 -10.09	45.78 3.69 -8.89	42.15 3.39 -8.17	35.12 2.65 -5.70	32.40 2.30 -5.95	30.04 2.12 -4.56	25.57 2.13 0.00
HOLTSVILLE_IC_9 23698	25.22 2.12 0.00	22.78 1.92 0.00	21.89 1.75 0.00	21.68 1.77 0.00	21.55 1.76 0.00	21.73 1.72 0.00	22.14 1.85 0.00	22.81 1.90 0.00	25.94 2.38 0.00	26.55 2.37 -0.01	27.04 2.28 -0.01	33.20 2.25 -5.39	33.27 2.29 -5.87	33.80 2.38 -5.56	33.81 2.41 -5.76	35.05 2.56 -6.07	43.83 3.29 -10.13	49.84 4.32 -10.09	45.78 3.69 -8.89	42.15 3.39 -8.17	35.12 2.65 -5.70	32.40 2.30 -5.95	30.04 2.12 -4.56	25.57 2.13 0.00
HOMER_HL_115KV_TB2 355744	22.79 -0.30 0.00	20.40 -0.46 0.00	19.66 -0.48 0.00	19.40 -0.52 0.00	19.26 -0.53 0.00	19.61 -0.40 0.00	20.05 -0.24 0.00	20.33 -0.59 0.00	23.00 -0.57 0.00	23.49 -0.68 0.00	24.01 -0.74 0.00	24.82 -0.74 0.00	24.18 -0.93 0.00	24.96 -0.91 0.00	25.06 -0.59 0.00	25.92 -0.50 0.00	30.27 -0.15 0.00	35.14 -0.28 0.00	32.91 -0.30 0.00	30.61 0.03 0.00	27.25 0.48 0.00	24.73 0.58 0.00	24.07 0.72 0.00	24.12 0.68 0.00
HOWARD_WT_PWR 323690	23.02 -0.07 0.00	20.71 -0.14 0.00	19.98 -0.16 0.00	19.71 -0.20 0.00	19.61 -0.18 0.00	19.93 -0.08 0.00	20.33 0.04 0.00	20.89 -0.02 0.00	23.61 0.05 0.00	24.17 0.00 0.00	24.76 0.00 0.00	25.51 -0.05 0.00	25.09 -0.03 0.00	25.92 0.05 0.00	25.80 0.15 0.00	26.76 0.34 0.00	31.15 0.73 0.00	36.42 0.99 0.00	34.34 1.13 0.00	31.84 1.25 0.00	28.16 1.39 0.00	25.48 1.33 0.00	24.65 1.31 0.00	24.70 1.26 0.00
HQ_GEN_CEDARS 23644	23.16 0.07 0.00	20.88 0.02 0.00	20.16 0.02 0.00	19.89 -0.02 0.00	19.79 0.00 0.00	19.97 -0.04 0.00	20.19 -0.10 0.00	20.87 -0.04 0.00	23.52 -0.05 0.00	24.15 -0.02 0.00	24.76 0.00 0.00	25.61 0.05 0.00	25.16 0.05 0.00	25.94 0.08 0.00	25.70 0.05 0.00	26.42 0.00 0.00	30.33 -0.09 0.00	34.58 -0.85 0.00	32.77 -0.43 0.00	30.49 -0.09 0.00	26.69 -0.08 0.00	24.01 -0.14 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00
HQ_GEN_CEDARS_PROXY 323590	23.16 0.07 0.00	20.88 0.02 0.00	20.16 0.02 0.00	19.89 -0.02 0.00	19.79 0.00 0.00	19.97 -0.04 0.00	20.19 -0.10 0.00	20.87 -0.04 0.00	23.52 -0.05 0.00	24.15 -0.02 0.00	24.76 0.00 0.00	25.61 0.05 0.00	25.19 0.08 0.00	25.97 0.10 0.00	25.70 0.05 0.00	26.42 0.00 0.00	30.79 -0.09 -0.46	34.11 -0.85 0.46	32.77 -0.43 0.00	30.49 -0.09 0.00	26.69 -0.08 0.00	24.01 -0.14 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00



HQ_GEN_IMPORT 323601	23.02 -0.07 0.00	20.78 -0.08 0.00	20.06 -0.08 0.00	19.83 -0.08 0.00	19.71 -0.08 0.00	19.93 -0.08 0.00	20.21 -0.08 0.00	20.85 -0.06 0.00	23.47 -0.09 0.00	24.10 -0.07 0.00	24.68 -0.07 0.00	25.51 -0.05 0.00	25.06 -0.05 0.00	25.81 -0.05 0.00	25.57 -0.08 0.00	26.32 -0.11 0.00	31.33 -0.15 -1.06	33.80 -0.57 1.06	32.97 -0.23 0.00	30.43 -0.15 0.00	26.61 -0.16 0.00	23.99 -0.17 0.00	23.21 -0.14 0.00	23.32 -0.12 0.00
HQ_GEN_WHEEL 23651	23.02 -0.07 0.00	20.78 -0.08 0.00	20.06 -0.08 0.00	19.83 -0.08 0.00	19.71 -0.08 0.00	19.93 -0.08 0.00	20.21 -0.08 0.00	20.85 -0.06 0.00	23.47 -0.09 0.00	24.10 -0.07 0.00	24.68 -0.07 0.00	25.51 -0.05 0.00	25.06 -0.05 0.00	25.81 -0.05 0.00	25.57 -0.08 0.00	26.32 -0.11 0.00	31.33 -0.15 -1.06	33.80 -0.57 1.06	32.97 -0.23 0.00	30.43 -0.15 0.00	26.61 -0.16 0.00	23.99 -0.17 0.00	23.21 -0.14 0.00	23.32 -0.12 0.00
HUDSON AVE_GT_3 23810	24.39 1.29 0.00	22.07 1.21 0.00	21.27 1.13 0.00	21.09 1.17 0.00	20.96 1.17 0.00	21.11 1.10 0.00	21.43 1.14 0.00	22.12 1.21 0.00	24.98 1.41 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.39 1.53 0.00	27.29 1.64 0.00	28.16 1.74 0.00	32.52 2.10 0.00	38.51 3.08 0.00	35.66 2.46 0.00	32.75 2.17 0.00	28.54 1.77 0.00	25.68 1.52 0.00	24.63 1.28 0.00	24.73 1.29 0.00
HUDSON AVE_GT_4 23540	24.39 1.29 0.00	22.07 1.21 0.00	21.27 1.13 0.00	21.09 1.17 0.00	20.96 1.17 0.00	21.11 1.10 0.00	21.43 1.14 0.00	22.12 1.21 0.00	24.98 1.41 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.39 1.53 0.00	27.29 1.64 0.00	28.16 1.74 0.00	32.52 2.10 0.00	38.51 3.08 0.00	35.66 2.46 0.00	32.75 2.17 0.00	28.54 1.77 0.00	25.68 1.52 0.00	24.63 1.28 0.00	24.73 1.29 0.00
HUDSON AVE_GT_5 23657	24.39 1.29 0.00	22.07 1.21 0.00	21.27 1.13 0.00	21.09 1.17 0.00	20.96 1.17 0.00	21.11 1.10 0.00	21.43 1.14 0.00	22.12 1.21 0.00	24.98 1.41 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.39 1.53 0.00	27.29 1.64 0.00	28.16 1.74 0.00	32.52 2.10 0.00	38.51 3.08 0.00	35.66 2.46 0.00	32.75 2.17 0.00	28.54 1.77 0.00	25.68 1.52 0.00	24.63 1.28 0.00	24.73 1.29 0.00
HUDSON_AVE_10 24168	24.36 1.27 0.00	22.05 1.19 0.00	21.25 1.11 0.00	21.07 1.15 0.00	20.94 1.15 0.00	21.09 1.08 0.00	21.43 1.14 0.00	22.12 1.21 0.00	24.95 1.39 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.39 1.53 0.00	27.29 1.64 0.00	28.14 1.72 0.00	32.52 2.10 0.00	38.51 3.08 0.00	35.66 2.46 0.00	32.75 2.17 0.00	28.54 1.77 0.00	25.68 1.52 0.00	24.63 1.28 0.00	24.70 1.27 0.00
HUDSON___115KV_TB 4 355613	23.97 0.88 0.00	21.74 0.88 0.00	21.01 0.87 0.00	20.77 0.86 0.00	20.64 0.85 0.00	20.89 0.88 0.00	21.14 0.85 0.00	21.81 0.90 0.00	24.58 1.01 0.00	25.14 0.97 0.00	25.75 0.99 0.00	26.56 1.00 0.00	26.07 0.95 0.00	26.87 1.01 0.00	26.75 1.10 0.00	27.66 1.24 0.00	31.82 1.40 0.00	37.52 2.09 0.00	34.77 1.56 0.00	31.90 1.32 0.00	27.92 1.15 0.00	25.15 0.99 0.00	24.19 0.84 0.00	24.14 0.70 0.00
HUNTER MOUNT___DRP 323613	24.13 1.04 0.00	21.86 1.00 0.00	21.13 0.99 0.00	20.89 0.98 0.00	20.76 0.97 0.00	21.01 1.00 0.00	21.24 0.95 0.00	21.94 1.02 0.00	24.74 1.18 0.00	25.28 1.11 0.00	25.89 1.14 0.00	26.74 1.18 0.00	26.22 1.10 0.00	27.05 1.19 0.00	26.93 1.28 0.00	27.85 1.43 0.00	32.06 1.64 0.00	37.77 2.34 0.00	35.00 1.79 0.00	32.11 1.53 0.00	28.11 1.34 0.00	25.31 1.16 0.00	24.30 0.96 0.00	24.26 0.82 0.00
HUNTINGTON_RES_REC 323705	24.87 1.78 0.00	22.47 1.61 0.00	21.59 1.45 0.00	21.41 1.49 0.00	21.25 1.46 0.00	21.45 1.44 0.00	21.81 1.52 0.00	22.52 1.61 0.00	25.56 2.00 0.00	26.23 2.05 -0.01	26.77 2.00 -0.01	33.00 2.05 -5.39	33.02 2.03 -5.87	33.54 2.12 -5.56	33.56 2.15 -5.76	34.71 2.22 -6.07	43.19 2.65 -10.13	49.17 3.65 -10.09	45.15 3.05 -8.89	41.47 2.72 -8.17	34.72 2.25 -5.70	32.14 2.03 -5.95	29.73 1.82 -4.56	25.20 1.76 0.00
HUNTLEY___63 23557	21.75 -1.34 0.00	19.46 -1.40 0.00	18.73 -1.41 0.00	18.46 -1.45 0.00	18.35 -1.44 0.00	18.67 -1.34 0.00	19.07 -1.22 0.00	19.11 -1.80 0.00	21.65 -1.91 0.00	22.09 -2.08 0.00	22.58 -2.18 0.00	23.39 -2.17 0.00	22.88 -2.24 0.00	23.56 -2.30 0.00	23.67 -1.97 0.00	24.41 -2.01 0.00	28.50 -1.92 0.00	32.98 -2.44 0.00	30.91 -2.29 0.00	28.84 -1.74 0.00	25.68 -1.10 0.00	23.31 -0.85 0.00	22.79 -0.56 0.00	23.06 -0.38 0.00
HUNTLEY___64 23558	21.75 -1.34 0.00	19.46 -1.40 0.00	18.73 -1.41 0.00	18.46 -1.45 0.00	18.35 -1.44 0.00	18.67 -1.34 0.00	19.07 -1.22 0.00	19.11 -1.80 0.00	21.65 -1.91 0.00	22.09 -2.08 0.00	22.58 -2.18 0.00	23.39 -2.17 0.00	22.88 -2.24 0.00	23.56 -2.30 0.00	23.67 -1.97 0.00	24.41 -2.01 0.00	28.50 -1.92 0.00	32.98 -2.44 0.00	30.91 -2.29 0.00	28.84 -1.74 0.00	25.68 -1.10 0.00	23.31 -0.85 0.00	22.79 -0.56 0.00	23.06 -0.38 0.00
HUNTLEY___65 23559	21.75 -1.34 0.00	19.46 -1.40 0.00	18.73 -1.41 0.00	18.46 -1.45 0.00	18.35 -1.44 0.00	18.67 -1.34 0.00	19.07 -1.22 0.00	19.11 -1.80 0.00	21.65 -1.91 0.00	22.09 -2.08 0.00	22.58 -2.18 0.00	23.39 -2.17 0.00	22.88 -2.24 0.00	23.56 -2.30 0.00	23.67 -1.97 0.00	24.41 -2.01 0.00	28.50 -1.92 0.00	32.98 -2.44 0.00	30.91 -2.29 0.00	28.84 -1.74 0.00	25.68 -1.10 0.00	23.31 -0.85 0.00	22.79 -0.56 0.00	23.06 -0.38 0.00
HUNTLEY___66 23560	21.75 -1.34 0.00	19.46 -1.40 0.00	18.73 -1.41 0.00	18.46 -1.45 0.00	18.35 -1.44 0.00	18.67 -1.34 0.00	19.07 -1.22 0.00	19.11 -1.80 0.00	21.65 -1.91 0.00	22.09 -2.08 0.00	22.58 -2.18 0.00	23.39 -2.17 0.00	22.88 -2.24 0.00	23.56 -2.30 0.00	23.67 -1.97 0.00	24.41 -2.01 0.00	28.50 -1.92 0.00	32.98 -2.44 0.00	30.91 -2.29 0.00	28.84 -1.74 0.00	25.68 -1.10 0.00	23.31 -0.85 0.00	22.79 -0.56 0.00	23.06 -0.38 0.00
HUNTLEY___67 23561	21.71 -1.39 0.00	19.44 -1.42 0.00	18.71 -1.43 0.00	18.44 -1.47 0.00	18.33 -1.46 0.00	18.65 -1.36 0.00	19.05 -1.24 0.00	19.13 -1.78 0.00	21.68 -1.89 0.00	22.12 -2.05 0.00	22.58 -2.18 0.00	23.39 -2.17 0.00	22.88 -2.24 0.00	23.56 -2.30 0.00	23.67 -1.97 0.00	24.41 -2.01 0.00	28.47 -1.95 0.00	32.98 -2.44 0.00	30.91 -2.29 0.00	28.81 -1.77 0.00	25.65 -1.12 0.00	23.29 -0.87 0.00	22.76 -0.58 0.00	23.04 -0.40 0.00
HUNTLEY___68 23562	21.71 -1.39 0.00	19.44 -1.42 0.00	18.71 -1.43 0.00	18.44 -1.47 0.00	18.33 -1.46 0.00	18.65 -1.36 0.00	19.05 -1.24 0.00	19.13 -1.78 0.00	21.68 -1.89 0.00	22.12 -2.05 0.00	22.58 -2.18 0.00	23.39 -2.17 0.00	22.88 -2.24 0.00	23.56 -2.30 0.00	23.67 -1.97 0.00	24.41 -2.01 0.00	28.47 -1.95 0.00	32.98 -2.44 0.00	30.91 -2.29 0.00	28.81 -1.77 0.00	25.65 -1.12 0.00	23.29 -0.87 0.00	22.76 -0.58 0.00	23.04 -0.40 0.00



HYLAND___LFGE 323620	23.67 0.58 0.00	21.21 0.35 0.00	20.43 0.28 0.00	20.13 0.22 0.00	20.05 0.26 0.00	20.37 0.36 0.00	20.82 0.53 0.00	21.33 0.42 0.00	24.11 0.54 0.00	24.63 0.46 0.00	25.08 0.32 0.00	25.74 0.18 0.00	25.26 0.15 0.00	26.05 0.18 0.00	25.95 0.31 0.00	27.05 0.63 0.00	31.70 1.28 0.00	37.13 1.70 0.00	34.96 1.76 0.00	32.39 1.80 0.00	28.59 1.82 0.00	25.80 1.64 0.00	24.94 1.59 0.00	24.98 1.55 0.00
INDECK___CORINTH 23802	24.43 1.34 0.00	22.09 1.23 0.00	21.31 1.17 0.00	21.07 1.15 0.00	20.78 0.99 0.00	21.01 1.00 0.00	21.30 1.01 0.00	21.85 0.94 0.00	24.76 1.20 0.00	25.40 1.23 0.00	26.04 1.29 0.00	26.94 1.38 0.00	26.47 1.36 0.00	27.26 1.40 0.00	27.03 1.38 0.00	27.95 1.53 0.00	32.18 1.76 0.00	37.87 2.44 0.00	35.06 1.86 0.00	32.17 1.59 0.00	28.14 1.36 0.00	25.48 1.33 0.00	24.54 1.19 0.00	24.56 1.13 0.00
INDECK___ILION 23567	23.30 0.21 0.00	21.05 0.19 0.00	20.32 0.18 0.00	20.11 0.20 0.00	19.99 0.20 0.00	20.19 0.18 0.00	20.47 0.18 0.00	21.10 0.19 0.00	23.77 0.21 0.00	24.41 0.24 0.00	25.00 0.25 0.00	25.84 0.28 0.00	25.39 0.28 0.00	26.15 0.28 0.00	25.95 0.31 0.00	26.74 0.32 0.00	30.78 0.37 0.00	35.96 0.53 0.00	33.60 0.40 0.00	30.92 0.34 0.00	27.09 0.32 0.00	24.44 0.29 0.00	23.60 0.26 0.00	23.67 0.23 0.00
INDECK___OLEAN 23982	22.79 -0.30 0.00	20.40 -0.46 0.00	19.66 -0.48 0.00	19.39 -0.52 0.00	19.28 -0.51 0.00	19.61 -0.40 0.00	20.05 -0.24 0.00	20.33 -0.59 0.00	23.02 -0.54 0.00	23.61 -0.55 0.00	24.19 -0.57 0.00	24.82 -0.74 0.00	24.36 -0.75 0.00	25.17 -0.70 0.00	25.08 -0.56 0.00	25.92 -0.50 0.00	30.24 -0.18 0.00	35.22 -0.21 0.00	32.91 -0.30 0.00	30.58 0.00 0.00	27.26 0.48 0.00	24.73 0.58 0.00	24.07 0.72 0.00	24.12 0.68 0.00
INDECK___OSWEGO 23783	22.54 -0.55 0.00	20.34 -0.52 0.00	19.64 -0.50 0.00	19.39 -0.52 0.00	19.30 -0.49 0.00	19.51 -0.50 0.00	19.80 -0.49 0.00	20.39 -0.52 0.00	22.93 -0.64 0.00	23.52 -0.65 0.00	24.09 -0.67 0.00	24.85 -0.72 0.00	24.36 -0.75 0.00	25.09 -0.78 0.00	24.88 -0.77 0.00	25.65 -0.77 0.00	29.60 -0.82 0.00	34.58 -0.85 0.00	32.34 -0.86 0.00	29.79 -0.80 0.00	26.13 -0.74 0.00	23.60 -0.55 0.00	22.88 -0.47 0.00	23.02 -0.42 0.00
INDECK___YERKES 23781	21.78 -1.32 0.00	19.46 -1.40 0.00	18.75 -1.39 0.00	18.48 -1.43 0.00	18.36 -1.43 0.00	18.69 -1.32 0.00	19.09 -1.20 0.00	19.13 -1.78 0.00	21.63 -1.93 0.00	22.24 -1.93 0.00	22.80 -1.96 0.00	23.34 -2.22 0.00	22.88 -2.24 0.00	23.74 -2.12 0.00	23.70 -1.95 0.00	24.41 -2.01 0.00	28.50 -1.92 0.00	33.13 -2.30 0.00	30.95 -2.26 0.00	28.84 -1.74 0.00	25.70 -1.07 0.00	23.33 -0.82 0.00	22.81 -0.54 0.00	23.09 -0.35 0.00
INDIAN POINT_GT_1 24139	24.18 1.09 0.00	21.90 1.04 0.00	21.09 0.95 0.00	20.91 1.00 0.00	20.78 0.99 0.00	20.95 0.94 0.00	21.26 0.97 0.00	21.96 1.05 0.00	24.76 1.20 0.00	25.48 1.31 0.00	26.04 1.29 0.00	26.84 1.28 0.00	26.37 1.26 0.00	27.18 1.32 0.00	27.08 1.44 0.00	27.93 1.51 0.00	32.18 1.76 0.00	38.08 2.66 0.00	35.30 2.09 0.00	32.39 1.80 0.00	28.27 1.50 0.00	25.46 1.30 0.00	24.42 1.07 0.00	24.47 1.03 0.00
INDIAN POINT_GT_2 23659	24.18 1.09 0.00	21.90 1.04 0.00	21.09 0.95 0.00	20.91 1.00 0.00	20.78 0.99 0.00	20.95 0.94 0.00	21.26 0.97 0.00	21.96 1.05 0.00	24.76 1.20 0.00	25.48 1.31 0.00	26.04 1.29 0.00	26.84 1.28 0.00	26.37 1.26 0.00	27.18 1.32 0.00	27.08 1.44 0.00	27.93 1.51 0.00	32.18 1.76 0.00	38.08 2.66 0.00	35.30 2.09 0.00	32.39 1.80 0.00	28.27 1.50 0.00	25.46 1.30 0.00	24.42 1.07 0.00	24.47 1.03 0.00
INDIAN POINT_GT_3 24019	24.18 1.09 0.00	21.90 1.04 0.00	21.09 0.95 0.00	20.91 1.00 0.00	20.78 0.99 0.00	20.95 0.94 0.00	21.26 0.97 0.00	21.96 1.05 0.00	24.76 1.20 0.00	25.48 1.31 0.00	26.04 1.29 0.00	26.84 1.28 0.00	26.37 1.26 0.00	27.18 1.32 0.00	27.08 1.44 0.00	27.93 1.51 0.00	32.18 1.76 0.00	38.08 2.66 0.00	35.30 2.09 0.00	32.39 1.80 0.00	28.27 1.50 0.00	25.46 1.30 0.00	24.42 1.07 0.00	24.47 1.03 0.00
INDIAN POINT___2 23530	24.16 1.06 0.00	21.86 1.00 0.00	21.07 0.93 0.00	20.89 0.98 0.00	20.74 0.95 0.00	20.93 0.92 0.00	21.24 0.95 0.00	21.94 1.02 0.00	24.81 1.25 0.00	25.50 1.33 0.00	26.04 1.29 0.00	26.91 1.35 0.00	26.49 1.38 0.00	27.28 1.42 0.00	27.06 1.41 0.00	27.90 1.48 0.00	32.15 1.73 0.00	38.01 2.58 0.00	35.23 2.03 0.00	32.35 1.77 0.00	28.24 1.47 0.00	25.43 1.28 0.00	24.40 1.05 0.00	24.45 1.01 0.00
INDIAN POINT___3 23531	24.18 1.09 0.00	21.88 1.02 0.00	21.09 0.95 0.00	20.89 0.98 0.00	20.76 0.97 0.00	20.93 0.92 0.00	21.26 0.97 0.00	21.94 1.02 0.00	24.76 1.20 0.00	25.45 1.28 0.00	26.02 1.26 0.00	26.81 1.25 0.00	26.34 1.23 0.00	27.16 1.29 0.00	27.06 1.41 0.00	27.90 1.48 0.00	32.15 1.73 0.00	38.05 2.62 0.00	35.23 2.03 0.00	32.36 1.77 0.00	28.25 1.47 0.00	25.44 1.28 0.00	24.40 1.05 0.00	24.45 1.01 0.00
INGHAM_C_115KV_TB7 356103	23.30 0.21 0.00	21.05 0.19 0.00	20.34 0.20 0.00	20.11 0.20 0.00	19.99 0.20 0.00	20.19 0.18 0.00	20.47 0.18 0.00	21.10 0.19 0.00	23.80 0.24 0.00	24.41 0.24 0.00	25.03 0.27 0.00	25.89 0.33 0.00	25.44 0.33 0.00	26.20 0.34 0.00	25.98 0.33 0.00	26.76 0.34 0.00	30.78 0.37 0.00	35.99 0.57 0.00	33.64 0.43 0.00	30.95 0.37 0.00	27.09 0.32 0.00	24.47 0.31 0.00	23.65 0.30 0.00	23.74 0.30 0.00
IP CORINTH___1 23988	24.43 1.34 0.00	22.09 1.23 0.00	21.31 1.17 0.00	21.07 1.15 0.00	20.78 0.99 0.00	21.01 1.00 0.00	21.30 1.01 0.00	21.85 0.94 0.00	24.72 1.15 0.00	25.38 1.21 0.00	26.04 1.29 0.00	26.89 1.33 0.00	26.37 1.26 0.00	27.18 1.32 0.00	27.00 1.36 0.00	27.95 1.53 0.00	32.18 1.76 0.00	37.91 2.48 0.00	35.07 1.86 0.00	32.17 1.59 0.00	28.14 1.37 0.00	25.51 1.35 0.00	24.54 1.19 0.00	24.56 1.13 0.00
IP___TICONDEROGA 23804	25.08 1.99 0.00	22.65 1.79 0.00	21.86 1.71 0.00	21.61 1.69 0.00	21.33 1.54 0.00	21.61 1.60 0.00	21.89 1.60 0.00	22.54 1.63 0.00	25.57 2.00 0.00	26.22 2.05 0.00	26.96 2.20 0.00	27.86 2.30 0.00	27.30 2.18 0.00	28.11 2.25 0.00	27.93 2.28 0.00	29.01 2.59 0.00	33.43 3.01 0.00	39.36 3.93 0.00	36.33 3.12 0.00	33.24 2.66 0.00	29.16 2.38 0.00	26.30 2.15 0.00	25.19 1.84 0.00	25.17 1.73 0.00
ISLIP_RES_REC 323679	25.31 2.22 0.00	22.86 2.00 0.00	21.96 1.81 0.00	21.77 1.85 0.00	21.61 1.82 0.00	21.81 1.80 0.00	22.22 1.93 0.00	22.90 1.99 0.00	26.01 2.45 0.00	26.64 2.47 -0.01	27.14 2.38 -0.01	33.30 2.35 -5.39	33.37 2.39 -5.87	33.93 2.51 -5.56	33.92 2.51 -5.76	35.18 2.70 -6.07	44.01 3.47 -10.13	50.02 4.50 -10.09	45.98 3.88 -8.89	42.33 3.58 -8.17	35.28 2.81 -5.70	32.52 2.42 -5.95	30.13 2.22 -4.56	25.69 2.25 0.00



JAMAICA__27_KV_LOAD 355505	24.59 1.50 0.00	22.26 1.40 0.00	21.41 1.27 0.00	21.27 1.35 0.00	21.12 1.33 0.00	21.29 1.28 0.00	21.65 1.36 0.00	22.37 1.46 0.00	25.24 1.67 0.00	25.96 1.79 0.00	26.49 1.73 0.00	27.32 1.76 0.00	26.87 1.76 0.00	27.70 1.84 0.00	27.59 1.95 0.00	28.48 2.06 0.00	32.91 2.49 0.00	38.97 3.54 0.00	36.13 2.92 0.00	33.15 2.57 0.00	28.89 2.12 0.00	26.01 1.86 0.00	24.93 1.59 0.00	25.01 1.57 0.00
JANIS__SOLAR 323808	24.09 0.99 0.00	21.69 0.84 0.00	20.93 0.78 0.00	20.65 0.74 0.00	20.50 0.71 0.00	20.79 0.78 0.00	21.20 0.91 0.00	21.83 0.92 0.00	24.60 1.04 0.00	25.16 0.99 0.00	25.72 0.96 0.00	26.53 0.97 0.00	26.07 0.95 0.00	26.87 1.01 0.00	26.72 1.08 0.00	27.66 1.24 0.00	32.12 1.70 0.00	37.52 2.09 0.00	35.20 1.99 0.00	32.42 1.83 0.00	28.54 1.77 0.00	25.63 1.47 0.00	24.72 1.38 0.00	24.82 1.38 0.00
JARVIS____ 23743	23.19 0.09 0.00	20.96 0.10 0.00	20.24 0.10 0.00	20.01 0.10 0.00	19.89 0.10 0.00	20.11 0.10 0.00	20.37 0.08 0.00	20.99 0.08 0.00	23.66 0.09 0.00	24.27 0.10 0.00	24.85 0.10 0.00	25.69 0.13 0.00	25.24 0.13 0.00	25.99 0.13 0.00	25.80 0.15 0.00	26.58 0.16 0.00	30.57 0.15 0.00	35.75 0.32 0.00	33.41 0.20 0.00	30.74 0.15 0.00	26.91 0.13 0.00	24.28 0.12 0.00	23.44 0.09 0.00	23.53 0.09 0.00
JENNISON____1 23625	24.34 1.25 0.00	21.92 1.06 0.00	21.17 1.03 0.00	20.91 1.00 0.00	20.76 0.97 0.00	21.03 1.02 0.00	21.43 1.14 0.00	22.08 1.17 0.00	24.91 1.34 0.00	25.48 1.31 0.00	26.07 1.31 0.00	26.94 1.38 0.00	26.47 1.36 0.00	27.26 1.40 0.00	27.16 1.51 0.00	28.08 1.66 0.00	32.49 2.07 0.00	37.98 2.55 0.00	35.53 2.32 0.00	32.72 2.14 0.00	28.83 2.06 0.00	25.87 1.72 0.00	24.91 1.56 0.00	24.99 1.55 0.00
JENNISON____2 23626	24.34 1.25 0.00	21.92 1.06 0.00	21.17 1.03 0.00	20.91 1.00 0.00	20.76 0.97 0.00	21.03 1.02 0.00	21.43 1.14 0.00	22.08 1.17 0.00	24.91 1.34 0.00	25.48 1.31 0.00	26.07 1.31 0.00	26.94 1.38 0.00	26.47 1.36 0.00	27.26 1.40 0.00	27.16 1.51 0.00	28.08 1.66 0.00	32.49 2.07 0.00	37.98 2.55 0.00	35.53 2.32 0.00	32.72 2.14 0.00	28.83 2.06 0.00	25.87 1.72 0.00	24.91 1.56 0.00	24.99 1.55 0.00
JERICOHO_RISE_WT_PWR 323719	23.12 0.02 0.00	20.69 -0.17 0.00	19.96 -0.18 0.00	19.69 -0.22 0.00	19.59 -0.20 0.00	19.93 -0.08 0.00	20.17 -0.12 0.00	20.89 -0.02 0.00	23.59 0.02 0.00	24.24 0.07 0.00	24.90 0.15 0.00	25.76 0.20 0.00	25.44 0.33 0.00	26.07 0.21 0.00	25.75 0.10 0.00	26.29 -0.13 0.00	29.99 -0.43 0.00	34.19 -1.24 0.00	32.31 -0.89 0.00	29.85 -0.73 0.00	26.02 -0.75 0.00	23.38 -0.77 0.00	22.72 -0.63 0.00	22.88 -0.56 0.00
KATONAH__115KV_46KV_TB4 355592	24.39 1.29 0.00	22.07 1.21 0.00	21.25 1.11 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.11 1.10 0.00	21.41 1.12 0.00	22.08 1.17 0.00	24.95 1.39 0.00	25.67 1.50 0.00	26.27 1.51 0.00	27.07 1.51 0.00	26.62 1.51 0.00	27.42 1.55 0.00	27.34 1.69 0.00	28.22 1.80 0.00	32.43 2.01 0.00	38.44 3.01 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.51 1.74 0.00	25.65 1.50 0.00	24.58 1.24 0.00	24.59 1.15 0.00
KCE_NY_1 323755	24.25 1.15 0.00	21.94 1.08 0.00	21.17 1.03 0.00	20.93 1.01 0.00	20.76 0.97 0.00	20.99 0.98 0.00	21.26 0.97 0.00	21.91 1.00 0.00	24.76 1.20 0.00	25.40 1.23 0.00	26.04 1.29 0.00	26.91 1.35 0.00	26.47 1.36 0.00	27.23 1.37 0.00	27.03 1.38 0.00	27.90 1.48 0.00	32.12 1.70 0.00	37.76 2.34 0.00	35.03 1.83 0.00	32.14 1.56 0.00	28.11 1.34 0.00	25.39 1.23 0.00	24.40 1.05 0.00	24.42 0.98 0.00
KCE_NY_6_ESR 323823	22.01 -1.09 0.00	19.69 -1.17 0.00	18.95 -1.19 0.00	18.68 -1.23 0.00	18.56 -1.23 0.00	18.91 -1.10 0.00	19.32 -0.97 0.00	19.41 -1.51 0.00	21.94 -1.63 0.00	22.55 -1.62 0.00	23.12 -1.63 0.00	23.70 -1.86 0.00	23.23 -1.88 0.00	24.10 -1.76 0.00	24.06 -1.59 0.00	24.81 -1.61 0.00	28.96 -1.46 0.00	33.69 -1.74 0.00	31.51 -1.69 0.00	29.36 -1.22 0.00	26.18 -0.59 0.00	23.74 -0.41 0.00	23.18 -0.16 0.00	23.44 0.00 0.00
KEDC_PORT_JEFF_GT2 24210	25.17 2.08 0.00	22.74 1.88 0.00	21.85 1.71 0.00	21.64 1.73 0.00	21.51 1.72 0.00	21.69 1.68 0.00	22.09 1.81 0.00	22.79 1.88 0.00	25.90 2.33 0.00	26.50 2.32 -0.01	27.02 2.25 -0.01	33.17 2.22 -5.39	33.24 2.26 -5.87	33.77 2.35 -5.56	33.76 2.36 -5.76	35.00 2.51 -6.07	43.77 3.22 -10.13	49.74 4.21 -10.09	45.69 3.59 -8.89	42.06 3.30 -8.17	35.06 2.60 -5.70	32.35 2.25 -5.95	29.99 2.08 -4.56	25.52 2.09 0.00
KEDC_PORT_JEFF_GT3 24211	25.17 2.08 0.00	22.74 1.88 0.00	21.85 1.71 0.00	21.64 1.73 0.00	21.51 1.72 0.00	21.69 1.68 0.00	22.09 1.81 0.00	22.79 1.88 0.00	25.90 2.33 -0.01	26.50 2.32 -0.01	27.02 2.25 -0.01	33.17 2.22 -5.39	33.24 2.26 -5.87	33.77 2.35 -5.56	33.76 2.36 -5.76	35.00 2.51 -6.07	43.77 3.22 -10.13	49.74 4.21 -10.09	45.69 3.59 -8.89	42.06 3.30 -8.17	35.06 2.60 -5.70	32.35 2.25 -5.95	29.99 2.08 -4.56	25.52 2.09 0.00
KEDC_GLWD_GT4 24219	24.76 1.66 0.00	22.38 1.52 0.00	21.53 1.39 0.00	21.33 1.41 0.00	21.17 1.38 0.00	21.37 1.36 0.00	21.71 1.42 0.00	22.44 1.53 0.00	25.45 1.89 0.00	26.16 1.98 -0.01	26.74 1.98 -0.01	33.02 2.07 -5.39	33.09 2.11 -5.87	33.59 2.17 -5.56	33.56 2.15 -5.76	34.71 2.22 -6.07	43.04 2.49 -10.13	49.03 3.51 -10.10	44.99 2.89 -8.89	41.29 2.54 -8.17	34.69 2.22 -5.70	32.06 1.96 -5.95	29.62 1.70 -4.56	25.08 1.64 0.00
KEDC_GLWD_GT5 24220	24.76 1.66 0.00	22.38 1.52 0.00	21.53 1.39 0.00	21.33 1.41 0.00	21.17 1.38 0.00	21.37 1.36 0.00	21.71 1.42 0.00	22.44 1.53 0.00	25.45 1.89 0.00	26.16 1.98 -0.01	26.74 1.98 -0.01	33.02 2.07 -5.39	33.09 2.11 -5.87	33.59 2.17 -5.56	33.56 2.15 -5.76	34.71 2.22 -6.07	43.04 2.49 -10.13	49.03 3.51 -10.10	44.99 2.89 -8.89	41.29 2.54 -8.17	34.69 2.22 -5.70	32.06 1.96 -5.95	29.62 1.70 -4.56	25.08 1.64 0.00
KENSICO____ 23655	24.25 1.15 0.00	21.94 1.08 0.00	21.15 1.01 0.00	20.97 1.06 0.00	20.82 1.03 0.00	21.01 1.00 0.00	21.32 1.03 0.00	22.02 1.11 0.00	24.86 1.30 0.00	25.55 1.38 0.00	26.12 1.36 0.00	26.92 1.35 0.00	26.47 1.36 0.00	27.26 1.40 0.00	27.16 1.51 0.00	28.01 1.59 0.00	32.30 1.89 0.00	38.23 2.80 0.00	35.40 2.19 0.00	32.51 1.93 0.00	28.35 1.58 0.00	25.53 1.38 0.00	24.49 1.14 0.00	24.54 1.10 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.36 1.27 0.00	22.01 1.15 0.00	21.21 1.07 0.00	21.03 1.12 0.00	20.90 1.11 0.00	21.11 1.10 0.00	21.41 1.12 0.00	22.04 1.13 0.00	24.88 1.32 0.00	25.52 1.35 0.00	26.07 1.31 0.00	26.86 1.30 0.00	26.39 1.28 0.00	27.21 1.34 0.00	27.18 1.54 0.00	28.06 1.64 0.00	32.40 1.98 0.00	38.30 2.87 0.00	35.56 2.36 0.00	32.63 2.05 0.00	28.51 1.74 0.00	25.65 1.50 0.00	24.56 1.21 0.00	24.63 1.20 0.00



KIAC_JFK_GT1 23816	24.53 1.43 0.00	22.19 1.34 0.00	21.37 1.23 0.00	21.21 1.29 0.00	21.08 1.29 0.00	21.23 1.22 0.00	21.61 1.32 0.00	22.31 1.40 0.00	25.17 1.60 0.00	25.89 1.72 0.00	26.44 1.68 0.00	27.25 1.69 0.00	26.80 1.68 0.00	27.62 1.76 0.00	27.52 1.87 0.00	28.40 1.98 0.00	32.82 2.40 0.00	38.86 3.44 0.00	35.99 2.79 0.00	33.06 2.48 0.00	28.81 2.03 0.00	25.92 1.76 0.00	24.86 1.52 0.00	24.94 1.50 0.00
KIAC_JFK_GT2 23817	24.53 1.43 0.00	22.19 1.34 0.00	21.37 1.23 0.00	21.21 1.29 0.00	21.08 1.29 0.00	21.23 1.22 0.00	21.61 1.32 0.00	22.31 1.40 0.00	25.17 1.60 0.00	25.89 1.72 0.00	26.44 1.68 0.00	27.25 1.69 0.00	26.80 1.68 0.00	27.62 1.76 0.00	27.52 1.87 0.00	28.40 1.98 0.00	32.82 2.40 0.00	38.86 3.44 0.00	35.99 2.79 0.00	33.06 2.48 0.00	28.81 2.03 0.00	25.92 1.76 0.00	24.86 1.52 0.00	24.94 1.50 0.00
KIAC_JFK____ 323774	24.53 1.43 0.00	22.20 1.34 0.00	21.37 1.23 0.00	21.21 1.29 0.00	21.06 1.27 0.00	21.23 1.22 0.00	21.59 1.30 0.00	22.31 1.40 0.00	25.24 1.67 0.00	25.93 1.76 0.00	26.46 1.71 0.00	27.38 1.82 0.00	26.97 1.86 0.00	27.78 1.91 0.00	27.54 1.90 0.00	28.40 1.98 0.00	32.85 2.43 0.00	38.86 3.44 0.00	36.00 2.79 0.00	33.06 2.48 0.00	28.81 2.03 0.00	25.92 1.76 0.00	24.86 1.52 0.00	24.94 1.50 0.00
KINTIGH____ 23543	21.69 -1.41 0.00	19.44 -1.42 0.00	18.71 -1.43 0.00	18.46 -1.45 0.00	18.35 -1.44 0.00	18.65 -1.36 0.00	19.05 -1.24 0.00	19.22 -1.69 0.00	21.75 -1.81 0.00	22.21 -1.96 0.00	22.70 -2.05 0.00	23.49 -2.07 0.00	22.98 -2.13 0.00	23.66 -2.20 0.00	23.72 -1.92 0.00	24.44 -1.98 0.00	28.41 -2.01 0.00	32.91 -2.52 0.00	30.85 -2.36 0.00	28.69 -1.90 0.00	25.46 -1.31 0.00	23.09 -1.06 0.00	22.53 -0.82 0.00	22.81 -0.63 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.49 0.39 0.00	21.01 0.15 0.00	20.26 0.12 0.00	19.95 0.04 0.00	19.85 0.06 0.00	20.21 0.20 0.00	20.47 0.18 0.00	21.22 0.31 0.00	23.96 0.40 0.00	24.65 0.48 0.00	25.35 0.59 0.00	26.20 0.64 0.00	25.94 0.83 0.00	26.54 0.67 0.00	26.21 0.56 0.00	26.71 0.29 0.00	30.51 0.09 0.00	34.86 -0.57 0.00	32.91 -0.30 0.00	30.43 -0.15 0.00	26.53 -0.24 0.00	23.82 -0.34 0.00	23.11 -0.23 0.00	23.27 -0.16 0.00
LACHUTE____HYDRO 323717	25.08 1.99 0.00	22.65 1.79 0.00	21.85 1.71 0.00	21.60 1.69 0.00	21.33 1.54 0.00	21.61 1.60 0.00	21.91 1.62 0.00	22.54 1.63 0.00	25.61 2.05 0.00	26.27 2.10 0.00	26.98 2.23 0.00	27.91 2.35 0.00	27.37 2.26 0.00	28.19 2.33 0.00	27.95 2.31 0.00	29.01 2.59 0.00	33.43 3.01 0.00	39.29 3.86 0.00	36.33 3.12 0.00	33.24 2.66 0.00	29.15 2.38 0.00	26.30 2.15 0.00	25.19 1.84 0.00	25.17 1.73 0.00
LAWRNCV_115KV_TB1 80681	22.93 -0.16 0.00	20.65 -0.21 0.00	19.94 -0.20 0.00	19.67 -0.24 0.00	19.57 -0.22 0.00	19.65 -0.36 0.00	19.82 -0.47 0.00	20.51 -0.40 0.00	23.12 -0.45 0.00	23.73 -0.44 0.00	24.36 -0.40 0.00	25.28 -0.28 0.00	24.89 -0.23 0.00	25.63 -0.23 0.00	25.36 -0.28 0.00	26.05 -0.37 0.00	29.84 -0.58 0.00	34.05 -1.38 0.00	32.31 -0.90 0.00	30.00 -0.58 0.00	26.26 -0.51 0.00	23.60 -0.56 0.00	22.88 -0.47 0.00	23.18 -0.26 0.00
LEDERLE____ 23769	24.25 1.15 0.00	21.92 1.06 0.00	21.13 0.99 0.00	20.93 1.02 0.00	20.80 1.01 0.00	20.99 0.98 0.00	21.30 1.01 0.00	22.00 1.09 0.00	24.81 1.25 0.00	25.52 1.35 0.00	26.07 1.31 0.00	26.89 1.33 0.00	26.42 1.31 0.00	27.21 1.34 0.00	27.11 1.46 0.00	27.98 1.56 0.00	32.24 1.83 0.00	38.12 2.69 0.00	35.33 2.13 0.00	32.45 1.87 0.00	28.33 1.55 0.00	25.53 1.38 0.00	24.47 1.12 0.00	24.52 1.08 0.00
LIGHTHSE_115KV_TB6 355974	22.66 -0.44 0.00	20.44 -0.42 0.00	19.72 -0.42 0.00	19.49 -0.42 0.00	19.37 -0.42 0.00	19.61 -0.40 0.00	19.88 -0.41 0.00	20.49 -0.42 0.00	23.12 -0.45 0.00	23.69 -0.48 0.00	24.31 -0.45 0.00	25.10 -0.46 0.00	24.66 -0.45 0.00	25.42 -0.44 0.00	25.16 -0.49 0.00	25.94 -0.48 0.00	29.93 -0.49 0.00	34.97 -0.46 0.00	32.74 -0.46 0.00	30.15 -0.43 0.00	26.53 -0.24 0.00	23.87 -0.29 0.00	23.09 -0.26 0.00	23.20 -0.23 0.00
LINDEN COGEN____ 23786	24.23 1.13 0.00	21.94 1.08 0.00	21.13 0.99 0.00	20.97 1.05 0.00	20.84 1.05 0.00	20.99 0.98 0.00	21.30 1.01 0.00	22.02 1.11 0.00	24.91 1.34 0.00	25.60 1.43 0.00	26.14 1.39 0.00	27.02 1.46 0.00	26.62 1.51 0.00	27.39 1.53 0.00	27.16 1.51 0.00	27.98 1.56 0.00	32.34 1.92 0.00	38.26 2.84 0.00	35.46 2.26 0.00	32.54 1.96 0.00	28.35 1.58 0.00	25.51 1.35 0.00	24.49 1.14 0.00	24.56 1.13 0.00
LINDHRST_69_KV_BK1 356055	25.13 2.03 0.00	22.70 1.84 0.00	21.82 1.67 0.00	21.61 1.69 0.00	21.47 1.68 0.00	21.65 1.64 0.00	21.97 1.68 0.00	22.75 1.84 0.00	25.68 2.12 0.00	26.44 2.27 0.00	27.01 2.25 0.00	33.20 2.25 -5.39	33.22 2.24 -5.87	33.72 2.30 -5.56	33.84 2.44 -5.76	35.07 2.59 -6.06	43.68 3.13 -10.13	49.81 4.29 -10.09	45.72 3.62 -8.89	41.96 3.21 -8.17	35.12 2.65 -5.70	32.42 2.32 -5.95	29.98 2.08 -4.56	25.45 2.02 0.00
LIPA_MISC_IPP 23656	25.17 2.08 0.00	22.74 1.88 0.00	21.86 1.71 0.00	21.67 1.75 0.00	21.55 1.76 0.00	21.69 1.68 0.00	22.01 1.72 0.00	22.79 1.88 0.00	25.73 2.17 0.00	26.42 2.25 0.00	26.86 2.10 0.00	32.89 1.94 -5.39	32.94 1.96 -5.87	33.44 2.02 -5.56	33.58 2.18 -5.76	34.84 2.35 -6.06	43.68 3.13 -10.13	49.67 4.14 -10.09	45.62 3.52 -8.89	42.05 3.30 -8.17	34.96 2.49 -5.70	32.23 2.13 -5.95	29.94 2.03 -4.56	25.55 2.11 0.00
LISF____SOLAR 323691	25.22 2.12 0.00	22.78 1.92 0.00	21.89 1.75 0.00	21.71 1.79 0.00	21.55 1.76 0.00	21.73 1.72 0.00	22.15 1.87 0.00	22.81 1.90 0.00	25.97 2.40 0.00	26.50 2.32 -0.01	26.94 2.18 -0.01	33.02 2.07 -5.39	33.12 2.13 -5.87	33.64 2.22 -5.56	33.63 2.23 -5.76	34.89 2.40 -6.07	43.80 3.26 -10.13	49.66 4.14 -10.09	45.69 3.59 -8.89	42.15 3.39 -8.17	35.01 2.54 -5.70	32.28 2.17 -5.95	29.99 2.08 -4.56	25.59 2.15 0.00
LITTLE FALLS____HYD 24013	23.30 0.21 0.00	21.05 0.19 0.00	20.34 0.20 0.00	20.11 0.20 0.00	19.99 0.20 0.00	20.19 0.18 0.00	20.47 0.18 0.00	21.10 0.19 0.00	23.80 0.24 0.00	24.41 0.24 0.00	25.03 0.27 0.00	25.89 0.33 0.00	25.44 0.33 0.00	26.20 0.34 0.00	25.98 0.33 0.00	26.76 0.34 0.00	30.78 0.37 0.00	35.99 0.57 0.00	33.64 0.43 0.00	30.95 0.37 0.00	27.09 0.32 0.00	24.47 0.31 0.00	23.65 0.30 0.00	23.74 0.30 0.00
LITTLRIV_115KV_TB1 356100	23.12 0.02 0.00	20.82 -0.04 0.00	20.10 -0.04 0.00	19.83 -0.08 0.00	19.71 -0.08 0.00	19.79 -0.22 0.00	19.98 -0.30 0.00	20.70 -0.21 0.00	23.35 -0.21 0.00	23.98 -0.19 0.00	24.61 -0.15 0.00	25.54 -0.03 0.00	25.14 0.03 0.00	25.92 0.05 0.00	25.62 -0.03 0.00	26.34 -0.08 0.00	30.17 -0.24 0.00	34.44 -0.99 0.00	32.67 -0.53 0.00	30.37 -0.21 0.00	26.59 -0.19 0.00	23.84 -0.31 0.00	23.09 -0.26 0.00	23.37 -0.07 0.00



LI_NEWBRDGE___DRP 323616	24.57 1.48 0.00	22.22 1.36 0.00	21.37 1.23 0.00	21.19 1.27 0.00	21.06 1.27 0.00	21.23 1.22 0.00	21.55 1.26 0.00	22.27 1.36 0.00	25.17 1.60 0.00	25.91 1.74 0.00	26.46 1.71 0.00	32.66 1.71 -5.39	32.69 1.71 -5.87	33.18 1.76 -5.56	33.27 1.87 -5.76	34.44 1.96 -6.06	42.85 2.31 -10.13	48.82 3.29 -10.09	44.75 2.66 -8.89	41.11 2.35 -8.17	34.42 1.95 -5.70	31.84 1.74 -5.95	29.40 1.49 -4.56	24.89 1.45 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.66 -1.43 0.00	19.38 -1.48 0.00	18.65 -1.49 0.00	18.38 -1.53 0.00	18.27 -1.52 0.00	18.59 -1.42 0.00	18.99 -1.30 0.00	19.05 -1.86 0.00	21.58 -1.98 0.00	22.02 -2.15 0.00	22.48 -2.28 0.00	23.29 -2.27 0.00	22.78 -2.34 0.00	23.46 -2.41 0.00	23.59 -2.05 0.00	24.31 -2.11 0.00	28.38 -2.04 0.00	32.84 -2.59 0.00	30.78 -2.42 0.00	28.72 -1.87 0.00	25.57 -1.20 0.00	23.19 -0.97 0.00	22.67 -0.68 0.00	22.97 -0.47 0.00
LOCKPORT___CC1 323769	21.64 -1.45 0.00	19.36 -1.50 0.00	18.63 -1.51 0.00	18.36 -1.55 0.00	18.25 -1.54 0.00	18.57 -1.44 0.00	18.99 -1.30 0.00	19.03 -1.88 0.00	21.51 -2.05 0.00	22.12 -2.05 0.00	22.65 -2.10 0.00	23.18 -2.38 0.00	22.75 -2.36 0.00	23.61 -2.25 0.00	23.57 -2.08 0.00	24.28 -2.14 0.00	28.29 -2.13 0.00	32.88 -2.55 0.00	30.75 -2.46 0.00	28.66 -1.93 0.00	25.54 -1.23 0.00	23.16 -0.99 0.00	22.67 -0.68 0.00	22.95 -0.49 0.00
LOCKPORT___CC2 323770	21.64 -1.45 0.00	19.36 -1.50 0.00	18.63 -1.51 0.00	18.36 -1.55 0.00	18.25 -1.54 0.00	18.57 -1.44 0.00	18.99 -1.30 0.00	19.03 -1.88 0.00	21.51 -2.05 0.00	22.12 -2.05 0.00	22.65 -2.10 0.00	23.18 -2.38 0.00	22.75 -2.36 0.00	23.61 -2.25 0.00	23.57 -2.08 0.00	24.28 -2.14 0.00	28.29 -2.13 0.00	32.88 -2.55 0.00	30.75 -2.46 0.00	28.66 -1.93 0.00	25.54 -1.23 0.00	23.16 -0.99 0.00	22.67 -0.68 0.00	22.95 -0.49 0.00
LOCKPORT___CC3 323771	21.64 -1.45 0.00	19.36 -1.50 0.00	18.63 -1.51 0.00	18.36 -1.55 0.00	18.25 -1.54 0.00	18.57 -1.44 0.00	18.99 -1.30 0.00	19.03 -1.88 0.00	21.51 -2.05 0.00	22.12 -2.05 0.00	22.65 -2.10 0.00	23.18 -2.38 0.00	22.75 -2.36 0.00	23.61 -2.25 0.00	23.57 -2.08 0.00	24.28 -2.14 0.00	28.29 -2.13 0.00	32.88 -2.55 0.00	30.75 -2.46 0.00	28.66 -1.93 0.00	25.54 -1.23 0.00	23.16 -0.99 0.00	22.67 -0.68 0.00	22.95 -0.49 0.00
LONG_LAKE_PHOENIX 24014	22.61 -0.48 0.00	20.40 -0.46 0.00	19.70 -0.44 0.00	19.45 -0.46 0.00	19.33 -0.46 0.00	19.57 -0.44 0.00	19.88 -0.41 0.00	20.47 -0.44 0.00	23.07 -0.49 0.00	23.66 -0.51 0.00	24.24 -0.52 0.00	25.02 -0.54 0.00	24.56 -0.55 0.00	25.29 -0.57 0.00	25.00 -0.64 0.00	25.76 -0.66 0.00	29.72 -0.70 0.00	34.72 -0.71 0.00	32.51 -0.70 0.00	29.94 -0.64 0.00	26.26 -0.51 0.00	23.70 -0.46 0.00	23.00 -0.35 0.00	23.11 -0.33 0.00
LOVETT___3 23632	24.13 1.04 0.00	21.84 0.98 0.00	21.05 0.91 0.00	20.87 0.96 0.00	20.72 0.93 0.00	20.91 0.90 0.00	21.22 0.93 0.00	21.91 1.00 0.00	24.72 1.15 0.00	25.43 1.26 0.00	25.97 1.21 0.00	26.79 1.23 0.00	26.32 1.21 0.00	27.10 1.24 0.00	27.00 1.36 0.00	27.85 1.43 0.00	32.09 1.67 0.00	37.98 2.55 0.00	35.16 1.96 0.00	32.29 1.71 0.00	28.19 1.42 0.00	25.41 1.26 0.00	24.37 1.03 0.00	24.42 0.98 0.00
LOVETT___4 23642	24.13 1.04 0.00	21.84 0.98 0.00	21.05 0.91 0.00	20.87 0.96 0.00	20.72 0.93 0.00	20.91 0.90 0.00	21.22 0.93 0.00	21.91 1.00 0.00	24.72 1.15 0.00	25.43 1.26 0.00	25.97 1.21 0.00	26.79 1.23 0.00	26.32 1.21 0.00	27.10 1.24 0.00	27.00 1.36 0.00	27.85 1.43 0.00	32.09 1.67 0.00	37.98 2.55 0.00	35.16 1.96 0.00	32.29 1.71 0.00	28.19 1.42 0.00	25.41 1.26 0.00	24.37 1.03 0.00	24.42 0.98 0.00
LOVETT___5 23593	24.13 1.04 0.00	21.84 0.98 0.00	21.05 0.91 0.00	20.87 0.96 0.00	20.72 0.93 0.00	20.91 0.90 0.00	21.22 0.93 0.00	21.91 1.00 0.00	24.72 1.15 0.00	25.43 1.26 0.00	25.97 1.21 0.00	26.79 1.23 0.00	26.32 1.21 0.00	27.10 1.24 0.00	27.00 1.36 0.00	27.85 1.43 0.00	32.09 1.67 0.00	37.98 2.55 0.00	35.16 1.96 0.00	32.29 1.71 0.00	28.19 1.42 0.00	25.41 1.26 0.00	24.37 1.03 0.00	24.42 0.98 0.00
LOWER RAQUET___HYD 24057	22.86 -0.23 0.00	20.59 -0.27 0.00	19.88 -0.26 0.00	19.61 -0.30 0.00	19.49 -0.30 0.00	19.53 -0.48 0.00	19.70 -0.59 0.00	20.39 -0.52 0.00	23.00 -0.57 0.00	23.61 -0.55 0.00	24.21 -0.54 0.00	25.18 -0.38 0.00	24.79 -0.33 0.00	25.53 -0.34 0.00	25.23 -0.41 0.00	25.95 -0.47 0.00	29.69 -0.73 0.00	33.87 -1.56 0.00	32.14 -1.06 0.00	29.85 -0.73 0.00	26.13 -0.64 0.00	23.45 -0.70 0.00	22.76 -0.58 0.00	23.11 -0.33 0.00
LOWER___HUDSON 24059	23.83 0.74 0.00	21.61 0.75 0.00	20.85 0.70 0.00	20.61 0.70 0.00	20.48 0.69 0.00	20.69 0.68 0.00	20.98 0.69 0.00	21.64 0.73 0.00	24.44 0.87 0.00	25.06 0.89 0.00	25.67 0.92 0.00	26.51 0.95 0.00	26.09 0.98 0.00	26.85 0.98 0.00	26.59 0.95 0.00	27.42 1.00 0.00	31.51 1.09 0.00	37.16 1.74 0.00	34.40 1.19 0.00	31.59 1.01 0.00	27.60 0.83 0.00	24.90 0.75 0.00	23.95 0.61 0.00	23.95 0.51 0.00
LOWVILLE_115KV_TB2 356335	22.77 -0.32 0.00	20.53 -0.33 0.00	19.82 -0.32 0.00	19.59 -0.32 0.00	19.47 -0.32 0.00	19.65 -0.36 0.00	19.96 -0.32 0.00	20.62 -0.29 0.00	23.26 -0.31 0.00	23.86 -0.31 0.00	24.46 -0.30 0.00	25.28 -0.28 0.00	24.89 -0.23 0.00	25.66 -0.21 0.00	25.41 -0.23 0.00	26.26 -0.16 0.00	30.57 0.15 0.00	35.60 0.18 0.00	33.40 0.20 0.00	30.80 0.21 0.00	27.09 0.32 0.00	24.28 0.12 0.00	23.42 0.07 0.00	23.51 0.07 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.23 1.13 0.00	21.92 1.06 0.00	21.15 1.01 0.00	20.93 1.02 0.00	20.74 0.95 0.00	20.97 0.96 0.00	21.26 0.97 0.00	21.89 0.98 0.00	24.72 1.15 0.00	25.35 1.18 0.00	25.99 1.24 0.00	26.84 1.28 0.00	26.37 1.26 0.00	27.16 1.29 0.00	26.98 1.33 0.00	27.87 1.45 0.00	32.09 1.67 0.00	37.77 2.34 0.00	35.00 1.79 0.00	32.11 1.53 0.00	28.08 1.31 0.00	25.36 1.21 0.00	24.37 1.03 0.00	24.40 0.96 0.00
LUTHERNY_35_KV_BK2 355980	24.25 1.15 0.00	21.94 1.08 0.00	21.17 1.03 0.00	20.93 1.02 0.00	20.76 0.97 0.00	20.99 0.98 0.00	21.26 0.97 0.00	21.91 1.00 0.00	24.74 1.18 0.00	25.38 1.21 0.00	26.02 1.26 0.00	26.86 1.30 0.00	26.37 1.26 0.00	27.16 1.29 0.00	27.00 1.36 0.00	27.90 1.48 0.00	32.12 1.70 0.00	37.80 2.37 0.00	35.03 1.83 0.00	32.14 1.56 0.00	28.11 1.34 0.00	25.39 1.23 0.00	24.40 1.05 0.00	24.42 0.98 0.00
LWR___OSWEGATCHIE_HYD 23850	22.54 -0.55 0.00	20.32 -0.54 0.00	19.60 -0.54 0.00	19.36 -0.56 0.00	19.26 -0.53 0.00	19.35 -0.66 0.00	19.58 -0.71 0.00	20.26 -0.65 0.00	22.86 -0.71 0.00	23.44 -0.73 0.00	24.04 -0.72 0.00	24.92 -0.64 0.00	24.54 -0.58 0.00	25.29 -0.57 0.00	25.03 -0.62 0.00	25.79 -0.63 0.00	29.75 -0.67 0.00	34.29 -1.13 0.00	32.38 -0.83 0.00	29.94 -0.64 0.00	26.26 -0.51 0.00	23.55 -0.60 0.00	22.79 -0.56 0.00	22.99 -0.45 0.00



LYONS_FALL_HYD 23570	23.09 0.00 0.00	20.84 -0.02 0.00	20.10 -0.04 0.00	19.87 -0.04 0.00	19.75 -0.04 0.00	19.95 -0.06 0.00	20.27 -0.02 0.00	20.93 0.02 0.00	23.61 0.05 0.00	24.22 0.05 0.00	24.80 0.05 0.00	25.64 0.08 0.00	25.21 0.10 0.00	25.99 0.13 0.00	25.80 0.15 0.00	26.63 0.21 0.00	30.87 0.46 0.00	35.99 0.57 0.00	33.70 0.50 0.00	31.07 0.49 0.00	27.28 0.51 0.00	24.49 0.34 0.00	23.60 0.26 0.00	23.70 0.26 0.00
MADISON___COUNTY_LFGE 323628	23.60 0.51 0.00	21.30 0.44 0.00	20.57 0.42 0.00	20.33 0.42 0.00	20.21 0.42 0.00	20.47 0.46 0.00	20.82 0.53 0.00	21.43 0.52 0.00	24.20 0.64 0.00	24.80 0.63 0.00	25.42 0.67 0.00	26.23 0.66 0.00	25.79 0.68 0.00	26.59 0.72 0.00	26.39 0.74 0.00	27.24 0.82 0.00	31.39 0.97 0.00	36.63 1.20 0.00	34.23 1.03 0.00	31.53 0.95 0.00	27.68 0.91 0.00	24.88 0.72 0.00	24.02 0.68 0.00	24.12 0.68 0.00
MALONE___115KV_TB1 356076	23.30 0.21 0.00	20.88 0.02 0.00	20.14 0.00 0.00	19.85 -0.06 0.00	19.75 -0.04 0.00	20.03 0.02 0.00	20.27 -0.02 0.00	21.02 0.10 0.00	23.73 0.16 0.00	24.39 0.22 0.00	25.05 0.30 0.00	25.92 0.36 0.00	25.64 0.53 0.00	26.28 0.41 0.00	25.93 0.28 0.00	26.50 0.08 0.00	30.30 -0.12 0.00	34.58 -0.85 0.00	32.67 -0.53 0.00	30.28 -0.31 0.00	26.45 -0.32 0.00	23.72 -0.43 0.00	23.02 -0.33 0.00	23.20 -0.23 0.00
MAPLEWOD_115KV_TB3 80458	23.76 0.67 0.00	21.53 0.67 0.00	20.81 0.66 0.00	20.57 0.66 0.00	20.44 0.65 0.00	20.65 0.64 0.00	20.92 0.63 0.00	21.60 0.69 0.00	24.34 0.78 0.00	24.87 0.70 0.00	25.50 0.74 0.00	26.30 0.74 0.00	25.84 0.73 0.00	26.61 0.75 0.00	26.44 0.80 0.00	27.27 0.85 0.00	31.36 0.94 0.00	36.99 1.56 0.00	34.27 1.06 0.00	31.47 0.89 0.00	27.50 0.72 0.00	24.83 0.68 0.00	23.88 0.54 0.00	23.86 0.42 0.00
MAPLE_RIDGE_WT_1 323574	22.42 -0.67 0.00	20.25 -0.61 0.00	19.56 -0.58 0.00	19.32 -0.60 0.00	19.20 -0.59 0.00	19.41 -0.60 0.00	19.68 -0.61 0.00	20.30 -0.61 0.00	22.88 -0.68 0.00	23.49 -0.68 0.00	24.09 -0.67 0.00	24.90 -0.66 0.00	24.51 -0.60 0.00	25.24 -0.62 0.00	25.01 -0.64 0.00	25.73 -0.69 0.00	29.60 -0.82 0.00	34.26 -1.17 0.00	32.24 -0.96 0.00	29.69 -0.89 0.00	25.97 -0.80 0.00	23.43 -0.72 0.00	22.67 -0.68 0.00	22.81 -0.63 0.00
MAPLE_RIDGE_WT_2 323611	22.42 -0.67 0.00	20.25 -0.61 0.00	19.56 -0.58 0.00	19.32 -0.60 0.00	19.20 -0.59 0.00	19.41 -0.60 0.00	19.68 -0.61 0.00	20.30 -0.61 0.00	22.88 -0.68 0.00	23.49 -0.68 0.00	24.09 -0.67 0.00	24.90 -0.66 0.00	24.51 -0.60 0.00	25.24 -0.62 0.00	25.01 -0.64 0.00	25.73 -0.69 0.00	29.60 -0.82 0.00	34.26 -1.17 0.00	32.24 -0.96 0.00	29.69 -0.89 0.00	25.97 -0.80 0.00	23.43 -0.72 0.00	22.67 -0.68 0.00	22.81 -0.63 0.00
MARBLE_RIVER_WT_PWR 323696	23.16 0.07 0.00	20.71 -0.14 0.00	20.00 -0.14 0.00	19.71 -0.20 0.00	19.61 -0.18 0.00	19.95 -0.06 0.00	20.19 -0.10 0.00	20.91 0.00 0.00	23.61 0.05 0.00	24.27 0.10 0.00	24.95 0.20 0.00	25.79 0.23 0.00	25.49 0.38 0.00	26.12 0.26 0.00	25.80 0.15 0.00	26.32 -0.11 0.00	30.02 -0.40 0.00	34.26 -1.17 0.00	32.34 -0.86 0.00	29.85 -0.73 0.00	26.02 -0.75 0.00	23.38 -0.77 0.00	22.72 -0.63 0.00	22.90 -0.54 0.00
MARSHVLE_115KV_TB1 80742	24.36 1.27 0.00	22.03 1.17 0.00	21.27 1.13 0.00	21.03 1.12 0.00	20.88 1.09 0.00	21.15 1.14 0.00	21.49 1.20 0.00	22.17 1.25 0.00	25.05 1.48 0.00	25.50 1.33 0.00	26.14 1.39 0.00	27.04 1.48 0.00	26.52 1.41 0.00	27.34 1.47 0.00	27.24 1.59 0.00	28.27 1.85 0.00	32.70 2.28 0.00	38.37 2.94 0.00	35.66 2.46 0.00	32.72 2.14 0.00	28.67 1.90 0.00	25.87 1.72 0.00	24.77 1.42 0.00	24.77 1.34 0.00
MARSH_HILL_WT_PWR 323713	23.05 -0.05 0.00	20.74 -0.12 0.00	20.00 -0.14 0.00	19.75 -0.16 0.00	19.63 -0.16 0.00	19.95 -0.06 0.00	20.35 0.06 0.00	20.91 0.00 0.00	23.63 0.07 0.00	24.22 0.05 0.00	24.78 0.02 0.00	25.54 -0.03 0.00	25.14 0.03 0.00	25.94 0.08 0.00	25.83 0.18 0.00	26.76 0.34 0.00	31.15 0.73 0.00	36.42 0.99 0.00	34.34 1.13 0.00	31.81 1.22 0.00	28.14 1.36 0.00	25.46 1.30 0.00	24.63 1.28 0.00	24.68 1.24 0.00
MCINTYRE_115KV_TB2 80467	23.32 0.23 0.00	21.01 0.15 0.00	20.28 0.14 0.00	20.01 0.10 0.00	19.89 0.10 0.00	20.01 0.00 0.00	20.25 -0.04 0.00	20.95 0.04 0.00	23.63 0.07 0.00	24.27 0.10 0.00	24.88 0.12 0.00	25.82 0.26 0.00	25.39 0.28 0.00	26.17 0.31 0.00	25.88 0.23 0.00	26.63 0.21 0.00	30.54 0.12 0.00	34.83 -0.60 0.00	33.07 -0.13 0.00	30.73 0.15 0.00	26.91 0.13 0.00	24.13 -0.02 0.00	23.35 0.00 0.00	23.56 0.12 0.00
MECO___69_KV_BK1 80468	25.45 2.36 0.00	23.03 2.17 0.00	22.20 2.05 0.00	21.94 2.03 0.00	21.77 1.98 0.00	22.07 2.06 0.00	22.44 2.15 0.00	23.15 2.24 0.00	26.18 2.62 0.00	26.68 2.51 0.00	27.43 2.67 0.00	28.42 2.86 0.00	27.80 2.69 0.00	28.68 2.82 0.00	28.67 3.03 0.00	29.91 3.49 0.00	34.65 4.23 0.00	40.60 5.17 0.00	37.59 4.38 0.00	34.47 3.88 0.00	30.23 3.45 0.00	27.15 3.00 0.00	25.89 2.54 0.00	25.88 2.44 0.00
MENANDS___115KV_TB5 355628	23.67 0.58 0.00	21.46 0.60 0.00	20.73 0.58 0.00	20.51 0.60 0.00	20.38 0.59 0.00	20.59 0.58 0.00	20.86 0.57 0.00	21.52 0.61 0.00	24.25 0.68 0.00	24.75 0.58 0.00	25.35 0.59 0.00	26.15 0.59 0.00	25.69 0.58 0.00	26.46 0.59 0.00	26.31 0.67 0.00	27.13 0.71 0.00	31.18 0.76 0.00	36.77 1.35 0.00	34.07 0.86 0.00	31.25 0.67 0.00	27.31 0.54 0.00	24.66 0.51 0.00	23.77 0.42 0.00	23.72 0.28 0.00
MG INDUSTRY___DRP 24185	23.67 0.58 0.00	21.44 0.58 0.00	20.73 0.58 0.00	20.51 0.60 0.00	20.38 0.59 0.00	20.59 0.58 0.00	20.84 0.55 0.00	21.50 0.59 0.00	24.22 0.66 0.00	24.82 0.65 0.00	25.42 0.67 0.00	26.23 0.66 0.00	25.77 0.65 0.00	26.54 0.67 0.00	26.39 0.74 0.00	27.21 0.79 0.00	31.30 0.88 0.00	36.81 1.38 0.00	34.17 0.96 0.00	31.38 0.80 0.00	27.44 0.67 0.00	24.78 0.63 0.00	23.88 0.54 0.00	23.86 0.42 0.00
MID___OSWEGATCHIE_HYD 23849	22.54 -0.55 0.00	20.32 -0.54 0.00	19.60 -0.54 0.00	19.36 -0.56 0.00	19.26 -0.53 0.00	19.35 -0.66 0.00	19.58 -0.71 0.00	20.26 -0.65 0.00	22.86 -0.71 0.00	23.44 -0.73 0.00	24.04 -0.72 0.00	24.92 -0.64 0.00	24.54 -0.58 0.00	25.29 -0.57 0.00	25.03 -0.62 0.00	25.79 -0.63 0.00	29.75 -0.67 0.00	34.29 -1.13 0.00	32.38 -0.83 0.00	29.94 -0.64 0.00	26.26 -0.51 0.00	23.55 -0.60 0.00	22.79 -0.56 0.00	22.99 -0.45 0.00
MID___RAQUETTE_HYD 23851	22.86 -0.23 0.00	20.59 -0.27 0.00	19.88 -0.26 0.00	19.61 -0.30 0.00	19.49 -0.30 0.00	19.53 -0.48 0.00	19.70 -0.59 0.00	20.39 -0.52 0.00	23.00 -0.57 0.00	23.61 -0.56 0.00	24.21 -0.54 0.00	25.18 -0.38 0.00	24.79 -0.33 0.00	25.53 -0.34 0.00	25.24 -0.41 0.00	25.94 -0.48 0.00	29.69 -0.73 0.00	33.87 -1.56 0.00	32.14 -1.06 0.00	29.85 -0.73 0.00	26.13 -0.64 0.00	23.45 -0.70 0.00	22.76 -0.58 0.00	23.11 -0.33 0.00



MILLIKEN___1 23584	23.53 0.44 0.00	21.19 0.33 0.00	20.47 0.32 0.00	20.19 0.28 0.00	20.07 0.28 0.00	20.35 0.34 0.00	20.72 0.43 0.00	21.31 0.40 0.00	24.06 0.49 0.00	24.60 0.44 0.00	25.20 0.45 0.00	26.05 0.49 0.00	25.57 0.45 0.00	26.33 0.47 0.00	26.13 0.49 0.00	26.98 0.55 0.00	31.24 0.82 0.00	36.49 1.06 0.00	34.17 0.96 0.00	31.53 0.95 0.00	27.71 0.94 0.00	24.95 0.80 0.00	24.12 0.77 0.00	24.21 0.77 0.00
MILLIKEN___2 23585	23.53 0.44 0.00	21.19 0.33 0.00	20.47 0.32 0.00	20.19 0.28 0.00	20.07 0.28 0.00	20.35 0.34 0.00	20.72 0.43 0.00	21.31 0.40 0.00	24.06 0.49 0.00	24.60 0.44 0.00	25.20 0.45 0.00	26.05 0.49 0.00	25.57 0.45 0.00	26.33 0.47 0.00	26.13 0.49 0.00	26.98 0.55 0.00	31.24 0.82 0.00	36.49 1.06 0.00	34.17 0.96 0.00	31.53 0.95 0.00	27.71 0.94 0.00	24.95 0.80 0.00	24.12 0.77 0.00	24.21 0.77 0.00
MILLIKEN___DIESEL 23629	23.53 0.44 0.00	21.19 0.33 0.00	20.47 0.32 0.00	20.19 0.28 0.00	20.07 0.28 0.00	20.35 0.34 0.00	20.72 0.43 0.00	21.31 0.40 0.00	24.06 0.49 0.00	24.60 0.44 0.00	25.20 0.45 0.00	26.05 0.49 0.00	25.57 0.45 0.00	26.33 0.47 0.00	26.13 0.49 0.00	26.98 0.55 0.00	31.24 0.82 0.00	36.49 1.06 0.00	34.17 0.96 0.00	31.53 0.95 0.00	27.71 0.94 0.00	24.95 0.80 0.00	24.12 0.77 0.00	24.21 0.77 0.00
MILLSEAT___LFGE 323607	22.08 -1.02 0.00	19.73 -1.13 0.00	19.00 -1.15 0.00	18.72 -1.19 0.00	18.62 -1.17 0.00	18.93 -1.08 0.00	19.36 -0.93 0.00	19.47 -1.44 0.00	22.05 -1.51 0.00	22.65 -1.52 0.00	23.22 -1.53 0.00	23.77 -1.79 0.00	23.28 -1.83 0.00	24.16 -1.71 0.00	24.13 -1.51 0.00	24.86 -1.56 0.00	28.99 -1.43 0.00	33.73 -1.70 0.00	31.58 -1.63 0.00	29.39 -1.19 0.00	26.13 -0.64 0.00	23.67 -0.48 0.00	23.09 -0.26 0.00	23.35 -0.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.20 1.11 0.00	21.92 1.06 0.00	21.13 0.99 0.00	20.93 1.02 0.00	20.80 1.01 0.00	20.97 0.96 0.00	21.28 0.99 0.00	21.98 1.07 0.00	24.81 1.25 0.00	25.50 1.33 0.00	26.07 1.31 0.00	26.86 1.30 0.00	26.42 1.31 0.00	27.21 1.34 0.00	27.11 1.46 0.00	27.95 1.53 0.00	32.21 1.79 0.00	38.12 2.69 0.00	35.33 2.13 0.00	32.42 1.83 0.00	28.30 1.53 0.00	25.48 1.33 0.00	24.44 1.10 0.00	24.49 1.05 0.00
MILLWOOD_13_KV_LOAD 356217	24.27 1.18 0.00	21.97 1.11 0.00	21.17 1.03 0.00	20.97 1.06 0.00	20.84 1.05 0.00	21.01 1.00 0.00	21.32 1.03 0.00	22.02 1.11 0.00	24.86 1.30 0.00	25.55 1.38 0.00	26.12 1.36 0.00	26.94 1.38 0.00	26.47 1.36 0.00	27.26 1.40 0.00	27.18 1.54 0.00	28.03 1.61 0.00	32.30 1.89 0.00	38.23 2.80 0.00	35.43 2.22 0.00	32.51 1.93 0.00	28.38 1.61 0.00	25.53 1.38 0.00	24.49 1.14 0.00	24.54 1.10 0.00
MODEL_CITY_ENERGY 24167	21.45 -1.64 0.00	19.21 -1.65 0.00	18.49 -1.65 0.00	18.22 -1.69 0.00	18.11 -1.68 0.00	18.43 -1.58 0.00	18.83 -1.46 0.00	18.88 -2.03 0.00	21.35 -2.22 0.00	21.92 -2.25 0.00	22.48 -2.28 0.00	23.00 -2.56 0.00	22.55 -2.56 0.00	23.41 -2.46 0.00	23.36 -2.28 0.00	24.07 -2.35 0.00	28.05 -2.37 0.00	32.56 -2.87 0.00	30.45 -2.76 0.00	28.38 -2.20 0.00	25.27 -1.50 0.00	22.95 -1.21 0.00	22.44 -0.91 0.00	22.74 -0.70 0.00
MODERN_LFGE___ 323580	21.45 -1.64 0.00	19.21 -1.65 0.00	18.49 -1.65 0.00	18.22 -1.69 0.00	18.11 -1.68 0.00	18.43 -1.58 0.00	18.83 -1.46 0.00	18.88 -2.03 0.00	21.35 -2.22 0.00	21.92 -2.25 0.00	22.48 -2.28 0.00	23.00 -2.56 0.00	22.55 -2.56 0.00	23.41 -2.46 0.00	23.36 -2.28 0.00	24.07 -2.35 0.00	28.05 -2.37 0.00	32.56 -2.87 0.00	30.45 -2.76 0.00	28.38 -2.20 0.00	25.27 -1.50 0.00	22.95 -1.21 0.00	22.44 -0.91 0.00	22.74 -0.70 0.00
MOHAWK_PAPER___DRP 24187	23.76 0.67 0.00	21.53 0.67 0.00	20.81 0.66 0.00	20.57 0.66 0.00	20.44 0.65 0.00	20.65 0.64 0.00	20.92 0.63 0.00	21.60 0.69 0.00	24.34 0.78 0.00	24.87 0.70 0.00	25.50 0.74 0.00	26.30 0.74 0.00	25.84 0.73 0.00	26.61 0.75 0.00	26.44 0.80 0.00	27.27 0.85 0.00	31.36 0.94 0.00	36.99 1.56 0.00	34.27 1.06 0.00	31.47 0.89 0.00	27.50 0.72 0.00	24.83 0.68 0.00	23.88 0.54 0.00	23.86 0.42 0.00
MOHICAN___35_KV_115KV_LD 80490	24.48 1.39 0.00	22.15 1.29 0.00	21.35 1.21 0.00	21.11 1.19 0.00	20.86 1.07 0.00	21.11 1.10 0.00	21.38 1.10 0.00	21.98 1.07 0.00	24.86 1.30 0.00	25.50 1.33 0.00	26.17 1.41 0.00	27.04 1.48 0.00	26.52 1.41 0.00	27.34 1.47 0.00	27.16 1.51 0.00	28.11 1.69 0.00	32.36 1.95 0.00	38.12 2.69 0.00	35.26 2.06 0.00	32.32 1.74 0.00	28.30 1.53 0.00	25.60 1.45 0.00	24.61 1.26 0.00	24.61 1.17 0.00
MONGAUP___HYD 23641	23.92 0.83 0.00	21.90 1.04 0.00	21.11 0.97 0.00	20.91 1.00 0.00	20.78 0.99 0.00	20.99 0.98 0.00	21.28 0.99 0.00	21.91 1.00 0.00	24.41 0.85 0.00	24.99 0.82 0.00	25.52 0.77 0.00	26.17 0.61 0.00	25.74 0.63 0.00	26.53 0.67 0.00	26.34 0.69 0.00	27.27 0.85 0.00	31.48 1.06 0.00	37.20 1.77 0.00	34.54 1.33 0.00	31.68 1.10 0.00	27.68 0.91 0.00	25.10 0.94 0.00	24.07 0.72 0.00	24.12 0.68 0.00
MONTAUK___DIESEL 23721	25.96 2.86 0.00	23.43 2.57 0.00	22.50 2.36 0.00	22.28 2.37 0.00	22.16 2.37 0.00	22.33 2.32 0.00	22.66 2.37 0.00	23.46 2.55 0.00	26.48 2.92 0.00	27.19 3.02 0.00	27.65 2.90 0.00	33.71 2.76 -5.39	33.75 2.76 -5.87	34.29 2.87 -5.56	34.43 3.03 -5.76	35.73 3.25 -6.06	44.83 4.29 -10.13	51.05 5.53 -10.09	46.91 4.81 -8.89	43.25 4.50 -8.17	35.92 3.45 -5.70	33.05 2.95 -5.95	30.71 2.80 -4.56	26.32 2.88 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.96 -1.13 0.00	19.44 -1.42 0.00	18.71 -1.43 0.00	18.60 -1.31 0.00	18.29 -1.50 0.00	18.61 -1.40 0.00	19.21 -1.08 0.00	19.15 -1.76 0.00	21.72 -1.84 0.00	22.16 -2.01 0.00	22.68 -2.08 0.00	23.52 -2.04 0.00	22.98 -2.13 0.00	23.74 -2.12 0.00	23.93 -1.72 0.00	24.78 -1.64 0.00	29.17 -1.25 0.00	34.12 -1.31 0.00	32.11 -1.10 0.00	30.06 -0.52 0.00	26.83 0.05 0.00	24.35 0.19 0.00	23.77 0.42 0.00	24.02 0.59 0.00
MORTIMER_115KV_TB3 55949	22.33 -0.76 0.00	20.03 -0.83 0.00	19.30 -0.85 0.00	19.04 -0.88 0.00	18.92 -0.87 0.00	19.23 -0.78 0.00	19.60 -0.69 0.00	19.95 -0.96 0.00	22.57 -0.99 0.00	23.08 -1.09 0.00	23.62 -1.14 0.00	24.44 -1.12 0.00	23.93 -1.18 0.00	24.65 -1.22 0.00	24.62 -1.03 0.00	25.36 -1.06 0.00	29.41 -1.00 0.00	34.19 -1.24 0.00	32.04 -1.16 0.00	29.73 -0.86 0.00	26.26 -0.51 0.00	23.74 -0.41 0.00	23.09 -0.26 0.00	23.27 -0.16 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.34 1.25 0.00	22.03 1.17 0.00	21.23 1.09 0.00	21.05 1.14 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.41 1.12 0.00	22.08 1.17 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.19 1.44 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.34 1.47 0.00	27.24 1.59 0.00	28.11 1.69 0.00	32.43 2.01 0.00	38.40 2.98 0.00	35.56 2.36 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.66 1.22 0.00



MUNSVILLE_WIND_PWR 323609	24.71 1.62 0.00	22.24 1.38 0.00	21.47 1.33 0.00	21.15 1.24 0.00	20.96 1.17 0.00	21.27 1.26 0.00	21.73 1.44 0.00	22.40 1.48 0.00	25.28 1.72 0.00	25.79 1.62 0.00	26.36 1.61 0.00	27.25 1.69 0.00	26.80 1.68 0.00	27.60 1.73 0.00	27.49 1.85 0.00	28.51 2.09 0.00	33.10 2.68 0.00	38.65 3.22 0.00	36.29 3.09 0.00	33.39 2.81 0.00	29.45 2.68 0.00	26.35 2.20 0.00	25.38 2.03 0.00	25.52 2.09 0.00
N SALMON___HYD 24042	23.30 0.21 0.00	20.88 0.02 0.00	20.14 0.00 0.00	19.85 -0.06 0.00	19.75 -0.04 0.00	20.03 0.02 0.00	20.27 -0.02 0.00	21.02 0.11 0.00	23.73 0.17 0.00	24.39 0.22 0.00	25.05 0.30 0.00	25.92 0.36 0.00	25.64 0.53 0.00	26.28 0.41 0.00	25.93 0.28 0.00	26.50 0.08 0.00	30.30 -0.12 0.00	34.58 -0.85 0.00	32.67 -0.53 0.00	30.28 -0.31 0.00	26.45 -0.32 0.00	23.72 -0.43 0.00	23.02 -0.33 0.00	23.20 -0.23 0.00
N.AKRON___115KV_KNAPP 355671	22.08 -1.02 0.00	19.73 -1.13 0.00	19.00 -1.15 0.00	18.72 -1.19 0.00	18.60 -1.19 0.00	18.93 -1.08 0.00	19.36 -0.93 0.00	19.47 -1.44 0.00	22.08 -1.48 0.00	22.53 -1.64 0.00	23.02 -1.73 0.00	23.82 -1.74 0.00	23.28 -1.83 0.00	24.00 -1.86 0.00	24.11 -1.54 0.00	24.86 -1.56 0.00	29.02 -1.40 0.00	33.62 -1.81 0.00	31.55 -1.66 0.00	29.39 -1.19 0.00	26.10 -0.67 0.00	23.67 -0.48 0.00	23.09 -0.26 0.00	23.34 -0.09 0.00
N.BELMOR_69_KV_BK1 55787	24.80 1.71 0.00	22.42 1.56 0.00	21.55 1.41 0.00	21.37 1.45 0.00	21.21 1.42 0.00	21.41 1.40 0.00	21.73 1.44 0.00	22.48 1.57 0.00	25.38 1.81 0.00	26.15 1.98 0.00	26.71 1.96 0.00	32.92 1.97 -5.39	32.92 1.93 -5.87	33.44 2.02 -5.56	33.53 2.13 -5.76	34.73 2.25 -6.06	43.19 2.65 -10.13	49.24 3.72 -10.09	45.15 3.05 -8.89	41.44 2.69 -8.17	34.72 2.25 -5.70	32.10 2.00 -5.95	29.65 1.75 -4.56	25.10 1.66 0.00
N.E_GEN_SANDY PD 24062	23.92 0.83 0.00	21.67 0.81 0.00	20.93 0.78 0.00	20.71 0.80 0.00	20.58 0.79 0.00	20.77 0.76 0.00	21.06 0.77 0.00	21.75 0.84 0.00	24.58 1.01 0.00	25.21 1.04 0.00	25.79 1.04 0.00	26.66 1.10 0.00	26.24 1.13 0.00	27.00 1.14 0.00	26.75 1.10 0.00	27.53 1.11 0.00	32.07 1.19 -0.46	36.98 2.02 0.46	34.60 1.39 0.00	31.74 1.16 0.00	27.71 0.94 0.00	25.00 0.84 0.00	24.00 0.65 0.00	24.00 0.56 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.18 1.09 0.00	21.86 1.00 0.00	21.07 0.93 0.00	20.89 0.98 0.00	20.76 0.97 0.00	20.93 0.92 0.00	21.24 0.95 0.00	21.94 1.02 0.00	24.74 1.18 0.00	25.45 1.28 0.00	26.02 1.26 0.00	26.81 1.25 0.00	26.34 1.23 0.00	27.13 1.27 0.00	27.03 1.38 0.00	27.90 1.48 0.00	32.15 1.73 0.00	38.01 2.59 0.00	35.23 2.03 0.00	32.36 1.77 0.00	28.25 1.47 0.00	25.44 1.28 0.00	24.40 1.05 0.00	24.45 1.01 0.00
N.QUEENS_27_KV_LOAD 356247	24.46 1.36 -0.01	22.26 1.40 -0.01	21.48 1.33 -0.01	21.29 1.37 -0.01	21.16 1.37 -0.01	21.23 1.22 0.00	21.53 1.24 0.00	22.06 1.15 0.00	24.91 1.34 0.00	25.64 1.47 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.52 2.10 0.00	38.54 3.12 0.00	35.70 2.49 0.00	32.75 2.17 0.00	28.51 1.74 0.00	25.60 1.45 0.00	24.70 1.35 0.00	24.88 1.43 -0.01
N.TROY___115KV_TB1 355778	23.83 0.74 0.00	21.61 0.75 0.00	20.85 0.71 0.00	20.61 0.70 0.00	20.48 0.69 0.00	20.69 0.68 0.00	20.98 0.69 0.00	21.64 0.73 0.00	24.39 0.82 0.00	25.02 0.85 0.00	25.65 0.89 0.00	26.46 0.89 0.00	25.99 0.88 0.00	26.77 0.91 0.00	26.59 0.95 0.00	27.42 1.00 0.00	31.48 1.06 0.00	37.20 1.77 0.00	34.43 1.23 0.00	31.59 1.01 0.00	27.60 0.83 0.00	24.90 0.75 0.00	23.95 0.61 0.00	23.95 0.52 0.00
NARROWS_GT1_1 24228	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT1_2 24229	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT1_3 24230	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT1_4 24231	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT1_5 24232	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT1_6 24233	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT1_7 24234	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01



NARROWS_GT1_8 24235	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT2_1 24236	24.56 1.46 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT2_2 24237	24.56 1.46 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT2_3 24238	24.56 1.46 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT2_4 24239	24.56 1.46 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT2_5 24240	24.56 1.46 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT2_6 24241	24.56 1.46 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT2_7 24242	24.56 1.46 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NARROWS_GT2_8 24243	24.56 1.46 -0.01	22.20 1.34 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.13 1.04 0.00	21.86 1.00 0.00	21.13 0.99 0.00	20.89 0.98 0.00	20.76 0.97 0.00	21.01 1.00 0.00	21.24 0.95 0.00	21.94 1.02 0.00	24.74 1.18 0.00	25.28 1.11 0.00	25.89 1.14 0.00	26.74 1.18 0.00	26.22 1.10 0.00	27.05 1.19 0.00	26.93 1.28 0.00	27.85 1.43 0.00	32.06 1.64 0.00	37.77 2.34 0.00	35.00 1.79 0.00	32.11 1.53 0.00	28.11 1.34 0.00	25.31 1.16 0.00	24.30 0.96 0.00	24.26 0.82 0.00
NCHELSEA_115KV_TR2 355582	24.32 1.22 0.00	22.01 1.15 0.00	21.21 1.07 0.00	21.01 1.10 0.00	20.88 1.09 0.00	21.07 1.06 0.00	21.36 1.08 0.00	22.04 1.13 0.00	24.88 1.32 0.00	25.57 1.40 0.00	26.14 1.39 0.00	26.97 1.41 0.00	26.49 1.38 0.00	27.34 1.47 0.00	27.24 1.59 0.00	28.08 1.66 0.00	32.33 1.92 0.00	38.26 2.83 0.00	35.46 2.26 0.00	32.54 1.96 0.00	28.41 1.63 0.00	25.58 1.43 0.00	24.51 1.17 0.00	24.56 1.13 0.00
NEG CAPITAL___MECHNVIL 23645	24.20 1.11 0.00	21.90 1.04 0.00	21.13 0.99 0.00	20.91 1.00 0.00	20.74 0.95 0.00	20.95 0.94 0.00	21.24 0.95 0.00	21.89 0.98 0.00	24.76 1.20 0.00	25.40 1.23 0.00	26.04 1.29 0.00	26.91 1.35 0.00	26.44 1.33 0.00	27.23 1.37 0.00	27.00 1.36 0.00	27.90 1.48 0.00	32.09 1.67 0.00	37.80 2.37 0.00	35.00 1.79 0.00	32.11 1.53 0.00	28.08 1.31 0.00	25.34 1.18 0.00	24.35 1.00 0.00	24.35 0.91 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.06 -1.04 0.00	19.82 -1.04 0.00	19.12 -1.03 0.00	18.84 -1.08 0.00	18.74 -1.05 0.00	19.01 -1.00 0.00	19.38 -0.91 0.00	19.80 -1.11 0.00	22.36 -1.20 0.00	22.96 -1.21 0.00	23.57 -1.19 0.00	24.21 -1.36 0.00	23.73 -1.38 0.00	24.52 -1.35 0.00	24.39 -1.26 0.00	25.18 -1.24 0.00	29.11 -1.31 0.00	33.94 -1.49 0.00	31.78 -1.43 0.00	29.42 -1.16 0.00	25.94 -0.83 0.00	23.43 -0.72 0.00	22.74 -0.61 0.00	22.90 -0.54 0.00
NEG CENTRAL___DRP 24199	23.16 0.07 0.00	20.86 0.00 0.00	20.10 -0.04 0.00	19.85 -0.06 0.00	19.73 -0.06 0.00	20.03 0.02 0.00	20.41 0.12 0.00	20.95 0.04 0.00	23.68 0.12 0.00	24.24 0.07 0.00	24.83 0.07 0.00	25.64 0.08 0.00	25.14 0.03 0.00	25.89 0.03 0.00	25.72 0.08 0.00	26.61 0.18 0.00	30.81 0.40 0.00	35.85 0.43 0.00	33.70 0.50 0.00	31.13 0.55 0.00	27.39 0.62 0.00	24.69 0.53 0.00	23.88 0.54 0.00	23.98 0.54 0.00
NEG CENTRAL___INDECK 23768	23.37 0.28 0.00	20.96 0.10 0.00	20.20 0.06 0.00	19.91 0.00 0.00	19.81 0.02 0.00	20.13 0.12 0.00	20.55 0.26 0.00	21.04 0.13 0.00	23.80 0.24 0.00	24.36 0.19 0.00	24.90 0.15 0.00	25.59 0.03 0.00	25.11 0.00 0.00	25.92 0.05 0.00	25.80 0.15 0.00	26.79 0.37 0.00	31.24 0.82 0.00	36.53 1.10 0.00	34.34 1.13 0.00	31.81 1.22 0.00	28.11 1.34 0.00	25.39 1.23 0.00	24.56 1.21 0.00	24.66 1.22 0.00



NEG CENTRAL___SENECA 23627	23.19 0.09 0.00	20.86 0.00 0.00	20.12 -0.02 0.00	19.83 -0.08 0.00	19.71 -0.08 0.00	20.03 0.02 0.00	20.43 0.14 0.00	20.95 0.04 0.00	23.68 0.12 0.00	24.24 0.07 0.00	24.80 0.05 0.00	25.61 0.05 0.00	25.09 -0.03 0.00	25.84 -0.03 0.00	25.72 0.08 0.00	26.63 0.21 0.00	30.87 0.46 0.00	35.82 0.39 0.00	33.74 0.53 0.00	31.22 0.64 0.00	27.50 0.72 0.00	24.78 0.63 0.00	23.98 0.63 0.00	24.07 0.63 0.00
NEG CENTRAL___STATE_STREET 24147	23.28 0.18 0.00	20.96 0.10 0.00	20.22 0.08 0.00	19.95 0.04 0.00	19.85 0.06 0.00	20.13 0.12 0.00	20.49 0.20 0.00	21.08 0.17 0.00	23.82 0.26 0.00	24.44 0.27 0.00	25.03 0.27 0.00	25.84 0.28 0.00	25.34 0.23 0.00	26.10 0.23 0.00	25.90 0.26 0.00	26.76 0.34 0.00	30.97 0.55 0.00	36.10 0.67 0.00	33.87 0.66 0.00	31.22 0.64 0.00	27.44 0.67 0.00	24.71 0.56 0.00	23.88 0.54 0.00	23.98 0.54 0.00
NEG MILLWOOD___DRP 24198	24.46 1.36 0.00	22.13 1.27 0.00	21.33 1.19 0.00	21.13 1.21 0.00	20.98 1.19 0.00	21.17 1.16 0.00	21.47 1.18 0.00	22.14 1.23 0.00	25.02 1.46 0.00	25.74 1.57 0.00	26.31 1.56 0.00	27.15 1.58 0.00	26.72 1.61 0.00	27.52 1.66 0.00	27.44 1.80 0.00	28.32 1.90 0.00	32.55 2.13 0.00	38.54 3.12 0.00	35.76 2.56 0.00	32.78 2.20 0.00	28.62 1.85 0.00	25.75 1.59 0.00	24.65 1.31 0.00	24.66 1.22 0.00
NEG NORTH_FLCN_SEA 23793	23.44 0.35 0.00	20.98 0.13 0.00	20.24 0.10 0.00	19.95 0.04 0.00	19.85 0.06 0.00	20.19 0.18 0.00	20.45 0.16 0.00	21.18 0.27 0.00	23.92 0.35 0.00	24.60 0.44 0.00	25.30 0.54 0.00	26.15 0.59 0.00	25.87 0.75 0.00	26.46 0.59 0.00	26.16 0.51 0.00	26.66 0.24 0.00	30.42 0.00 0.00	34.72 -0.71 0.00	32.77 -0.43 0.00	30.31 -0.28 0.00	26.42 -0.35 0.00	23.74 -0.41 0.00	23.07 -0.28 0.00	23.23 -0.21 0.00
NEG NORTH_KES_CHATEGAY 23792	23.21 0.12 0.00	20.78 -0.08 0.00	20.04 -0.10 0.00	19.77 -0.14 0.00	19.67 -0.12 0.00	20.01 0.00 0.00	20.25 -0.04 0.00	20.97 0.06 0.00	23.66 0.09 0.00	24.34 0.17 0.00	25.00 0.25 0.00	25.84 0.28 0.00	25.54 0.43 0.00	26.17 0.31 0.00	25.85 0.21 0.00	26.39 -0.03 0.00	30.11 -0.30 0.00	34.36 -1.06 0.00	32.44 -0.76 0.00	30.00 -0.58 0.00	26.16 -0.62 0.00	23.50 -0.65 0.00	22.83 -0.51 0.00	22.99 -0.45 0.00
NEG NORTH___ALICE_FALLS 23915	23.49 0.39 0.00	21.01 0.15 0.00	20.26 0.12 0.00	19.95 0.04 0.00	19.85 0.06 0.00	20.21 0.20 0.00	20.47 0.18 0.00	21.22 0.31 0.00	23.96 0.40 0.00	24.65 0.48 0.00	25.35 0.59 0.00	26.20 0.64 0.00	25.94 0.83 0.00	26.54 0.67 0.00	26.21 0.56 0.00	26.71 0.29 0.00	30.51 0.09 0.00	34.86 -0.57 0.00	32.91 -0.30 0.00	30.43 -0.15 0.00	26.53 -0.24 0.00	23.82 -0.34 0.00	23.11 -0.23 0.00	23.27 -0.16 0.00
NEG NORTH___LWR_SARANAC 23913	23.49 0.39 0.00	21.01 0.15 0.00	20.26 0.12 0.00	19.95 0.04 0.00	19.85 0.06 0.00	20.21 0.20 0.00	20.47 0.18 0.00	21.22 0.31 0.00	23.96 0.40 0.00	24.65 0.48 0.00	25.35 0.59 0.00	26.20 0.64 0.00	25.94 0.83 0.00	26.54 0.67 0.00	26.21 0.56 0.00	26.71 0.29 0.00	30.51 0.09 0.00	34.86 -0.57 0.00	32.91 -0.30 0.00	30.43 -0.15 0.00	26.53 -0.24 0.00	23.82 -0.34 0.00	23.11 -0.23 0.00	23.27 -0.16 0.00
NEG NORTH___PLATTSBURG 23628	23.49 0.39 0.00	21.01 0.15 0.00	20.26 0.12 0.00	19.95 0.04 0.00	19.85 0.06 0.00	20.21 0.20 0.00	20.47 0.18 0.00	21.23 0.31 0.00	23.96 0.40 0.00	24.65 0.48 0.00	25.35 0.59 0.00	26.20 0.64 0.00	25.94 0.83 0.00	26.53 0.67 0.00	26.21 0.56 0.00	26.71 0.29 0.00	30.51 0.09 0.00	34.86 -0.57 0.00	32.91 -0.30 0.00	30.43 -0.15 0.00	26.53 -0.24 0.00	23.82 -0.34 0.00	23.11 -0.23 0.00	23.28 -0.16 0.00
NEG WEST_LEA_LOCKPORT 23791	21.64 -1.45 0.00	19.36 -1.50 0.00	18.63 -1.51 0.00	18.36 -1.55 0.00	18.25 -1.54 0.00	18.57 -1.44 0.00	18.99 -1.30 0.00	19.03 -1.88 0.00	21.56 -2.00 0.00	21.99 -2.18 0.00	22.45 -2.30 0.00	23.26 -2.30 0.00	22.75 -2.36 0.00	23.43 -2.43 0.00	23.57 -2.08 0.00	24.28 -2.14 0.00	28.35 -2.07 0.00	32.81 -2.62 0.00	30.75 -2.46 0.00	28.65 -1.93 0.00	25.54 -1.23 0.00	23.16 -0.99 0.00	22.67 -0.68 0.00	22.95 -0.49 0.00
NEG WEST___LANCASTER 23811	22.54 -0.55 0.00	20.17 -0.69 0.00	19.42 -0.73 0.00	19.16 -0.76 0.00	19.04 -0.75 0.00	19.37 -0.64 0.00	19.80 -0.49 0.00	20.03 -0.88 0.00	22.67 -0.90 0.00	23.15 -1.02 0.00	23.67 -1.09 0.00	24.49 -1.07 0.00	23.91 -1.21 0.00	24.65 -1.22 0.00	24.75 -0.90 0.00	25.58 -0.85 0.00	29.87 -0.55 0.00	34.65 -0.78 0.00	32.44 -0.76 0.00	30.21 -0.37 0.00	26.93 0.16 0.00	24.42 0.27 0.00	23.81 0.47 0.00	23.93 0.49 0.00
NEG_PENN_ALLEGHNY 23528	23.23 0.14 0.00	20.94 0.08 0.00	20.20 0.06 0.00	19.97 0.06 0.00	19.85 0.06 0.00	20.11 0.10 0.00	20.43 0.14 0.00	20.99 0.08 0.00	23.71 0.14 0.00	24.32 0.15 0.00	24.88 0.12 0.00	25.66 0.10 0.00	25.19 0.08 0.00	25.97 0.10 0.00	25.80 0.15 0.00	26.63 0.21 0.00	30.78 0.37 0.00	35.99 0.57 0.00	33.64 0.43 0.00	31.04 0.46 0.00	27.31 0.54 0.00	24.64 0.48 0.00	23.81 0.47 0.00	23.91 0.47 0.00
NEG___GEN_MONROE 24207	22.31 -0.79 0.00	20.00 -0.86 0.00	19.26 -0.89 0.00	19.00 -0.92 0.00	18.90 -0.89 0.00	19.19 -0.82 0.00	19.58 -0.71 0.00	19.89 -1.02 0.00	22.53 -1.04 0.00	23.06 -1.11 0.00	23.62 -1.14 0.00	24.44 -1.12 0.00	23.88 -1.23 0.00	24.57 -1.29 0.00	24.57 -1.08 0.00	25.28 -1.14 0.00	29.35 -1.06 0.00	34.12 -1.31 0.00	31.98 -1.23 0.00	29.73 -0.86 0.00	26.32 -0.46 0.00	23.82 -0.34 0.00	23.16 -0.19 0.00	23.37 -0.07 0.00
NEPA___ENERGY 23901	22.26 -0.83 0.00	19.92 -0.94 0.00	19.18 -0.97 0.00	18.94 -0.98 0.00	18.80 -0.99 0.00	19.13 -0.88 0.00	19.56 -0.73 0.00	19.74 -1.17 0.00	22.36 -1.20 0.00	22.84 -1.33 0.00	23.32 -1.44 0.00	24.13 -1.43 0.00	23.53 -1.58 0.00	24.26 -1.60 0.00	24.39 -1.26 0.00	25.21 -1.22 0.00	29.44 -0.97 0.00	34.12 -1.31 0.00	31.98 -1.23 0.00	29.79 -0.80 0.00	26.53 -0.24 0.00	24.08 -0.07 0.00	23.49 0.14 0.00	23.65 0.21 0.00
NEVERSINK___HYD 23608	24.29 1.20 0.00	21.92 1.06 0.00	21.15 1.01 0.00	20.95 1.03 0.00	20.82 1.03 0.00	21.03 1.02 0.00	21.34 1.05 0.00	21.98 1.07 0.00	24.83 1.27 0.00	25.45 1.28 0.00	26.02 1.26 0.00	26.86 1.30 0.00	26.42 1.31 0.00	27.23 1.37 0.00	27.11 1.46 0.00	27.98 1.56 0.00	32.27 1.86 0.00	38.12 2.69 0.00	35.43 2.23 0.00	32.51 1.93 0.00	28.43 1.66 0.00	25.56 1.40 0.00	24.49 1.14 0.00	24.56 1.13 0.00
NEWKRMKL_115KV_TB1 55635	23.46 0.37 0.00	21.30 0.44 0.00	20.59 0.44 0.00	20.35 0.44 0.00	20.23 0.44 0.00	20.43 0.42 0.00	20.69 0.41 0.00	21.37 0.46 0.00	24.06 0.49 0.00	24.63 0.46 0.00	25.23 0.47 0.00	26.02 0.46 0.00	25.57 0.45 0.00	26.35 0.49 0.00	26.18 0.54 0.00	27.00 0.58 0.00	31.03 0.61 0.00	36.60 1.17 0.00	33.90 0.70 0.00	31.13 0.55 0.00	27.20 0.43 0.00	24.57 0.41 0.00	23.67 0.33 0.00	23.63 0.19 0.00



NEWTON___FALLS_HYD 23847	22.54 -0.55 0.00	20.32 -0.54 0.00	19.60 -0.54 0.00	19.36 -0.56 0.00	19.26 -0.53 0.00	19.35 -0.66 0.00	19.58 -0.71 0.00	20.26 -0.65 0.00	22.86 -0.71 0.00	23.44 -0.73 0.00	24.04 -0.72 0.00	24.92 -0.64 0.00	24.54 -0.58 0.00	25.29 -0.57 0.00	25.03 -0.62 0.00	25.79 -0.63 0.00	29.75 -0.67 0.00	34.29 -1.13 0.00	32.38 -0.83 0.00	29.94 -0.64 0.00	26.26 -0.51 0.00	23.55 -0.60 0.00	22.79 -0.56 0.00	22.99 -0.45 0.00
NGRID_A1_DSASP 323792	21.18 -1.92 0.00	18.94 -1.92 0.00	18.25 -1.89 0.00	17.98 -1.93 0.00	17.87 -1.92 0.00	18.19 -1.82 0.00	18.58 -1.70 0.00	18.61 -2.30 0.00	21.04 -2.52 0.00	21.61 -2.56 0.00	22.16 -2.60 0.00	22.67 -2.89 0.00	22.23 -2.89 0.00	23.07 -2.79 0.00	23.03 -2.62 0.00	23.70 -2.72 0.00	27.59 -2.83 0.00	32.03 -3.40 0.00	29.92 -3.29 0.00	27.89 -2.69 0.00	24.84 -1.93 0.00	22.56 -1.59 0.00	22.09 -1.26 0.00	22.41 -1.03 0.00
NGRID_A2_DSASP 323793	21.18 -1.92 0.00	18.94 -1.92 0.00	18.25 -1.89 0.00	17.98 -1.93 0.00	17.87 -1.92 0.00	18.19 -1.82 0.00	18.58 -1.70 0.00	18.61 -2.30 0.00	21.04 -2.52 0.00	21.61 -2.56 0.00	22.16 -2.60 0.00	22.67 -2.89 0.00	22.23 -2.89 0.00	23.07 -2.79 0.00	23.03 -2.62 0.00	23.70 -2.72 0.00	27.59 -2.83 0.00	32.03 -3.40 0.00	29.92 -3.29 0.00	27.89 -2.69 0.00	24.84 -1.93 0.00	22.56 -1.59 0.00	22.09 -1.26 0.00	22.41 -1.03 0.00
NGRID_A4_DSASP 323807	21.18 -1.92 0.00	18.94 -1.92 0.00	18.25 -1.89 0.00	17.98 -1.93 0.00	17.87 -1.92 0.00	18.19 -1.82 0.00	18.58 -1.70 0.00	18.61 -2.30 0.00	21.04 -2.52 0.00	21.61 -2.56 0.00	22.16 -2.60 0.00	22.67 -2.89 0.00	22.23 -2.89 0.00	23.07 -2.79 0.00	23.03 -2.62 0.00	23.70 -2.72 0.00	27.59 -2.83 0.00	32.03 -3.40 0.00	29.92 -3.29 0.00	27.89 -2.69 0.00	24.84 -1.93 0.00	22.56 -1.59 0.00	22.09 -1.26 0.00	22.41 -1.03 0.00
NIAGARA_115E_LBMP 323715	21.36 -1.73 0.00	19.11 -1.75 0.00	18.41 -1.73 0.00	18.14 -1.77 0.00	18.03 -1.76 0.00	18.35 -1.66 0.00	18.75 -1.54 0.00	18.78 -2.13 0.00	21.23 -2.33 0.00	21.80 -2.37 0.00	22.35 -2.40 0.00	22.88 -2.68 0.00	22.45 -2.66 0.00	23.28 -2.59 0.00	23.23 -2.41 0.00	23.94 -2.48 0.00	27.86 -2.56 0.00	32.38 -3.05 0.00	30.25 -2.96 0.00	28.20 -2.39 0.00	25.11 -1.66 0.00	22.80 -1.35 0.00	22.32 -1.03 0.00	22.62 -0.82 0.00
NIAGARA_115W_LBMP 323714	21.11 -1.99 0.00	18.90 -1.96 0.00	18.21 -1.93 0.00	17.94 -1.97 0.00	17.83 -1.96 0.00	18.15 -1.86 0.00	18.52 -1.77 0.00	18.57 -2.34 0.00	21.00 -2.57 0.00	21.56 -2.61 0.00	22.11 -2.65 0.00	22.62 -2.94 0.00	22.18 -2.94 0.00	23.02 -2.85 0.00	22.95 -2.69 0.00	23.65 -2.77 0.00	27.53 -2.89 0.00	31.96 -3.47 0.00	29.85 -3.35 0.00	27.83 -2.75 0.00	24.79 -1.98 0.00	22.51 -1.64 0.00	22.02 -1.33 0.00	22.34 -1.10 0.00
NIAGARA_230_LBMP 323716	21.48 -1.62 0.00	19.23 -1.63 0.00	18.53 -1.61 0.00	18.26 -1.65 0.00	18.15 -1.64 0.00	18.47 -1.54 0.00	18.85 -1.44 0.00	18.92 -1.99 0.00	21.40 -2.17 0.00	21.97 -2.20 0.00	22.53 -2.23 0.00	23.06 -2.50 0.00	22.60 -2.51 0.00	23.43 -2.43 0.00	23.39 -2.26 0.00	24.10 -2.33 0.00	28.01 -2.40 0.00	32.52 -2.90 0.00	30.42 -2.79 0.00	28.35 -2.23 0.00	25.22 -1.55 0.00	22.90 -1.26 0.00	22.39 -0.96 0.00	22.71 -0.73 0.00
NIAGARA___115KV_198_GIBSON 55903	21.11 -1.99 0.00	18.90 -1.96 0.00	18.21 -1.93 0.00	17.94 -1.97 0.00	17.83 -1.96 0.00	18.15 -1.86 0.00	18.52 -1.77 0.00	18.57 -2.34 0.00	21.02 -2.54 0.00	21.44 -2.73 0.00	21.88 -2.87 0.00	22.70 -2.86 0.00	22.20 -2.91 0.00	22.84 -3.03 0.00	22.95 -2.69 0.00	23.65 -2.77 0.00	27.56 -2.86 0.00	31.85 -3.58 0.00	29.85 -3.35 0.00	27.83 -2.75 0.00	24.79 -1.98 0.00	22.51 -1.64 0.00	22.02 -1.33 0.00	22.34 -1.10 0.00
NIAGARA____ 23760	21.48 -1.62 0.00	19.23 -1.63 0.00	18.53 -1.61 0.00	18.26 -1.65 0.00	18.15 -1.64 0.00	18.47 -1.54 0.00	18.85 -1.44 0.00	18.92 -1.99 0.00	21.40 -2.17 0.00	21.97 -2.20 0.00	22.53 -2.23 0.00	23.06 -2.50 0.00	22.60 -2.51 0.00	23.43 -2.43 0.00	23.39 -2.26 0.00	24.10 -2.33 0.00	28.01 -2.40 0.00	32.52 -2.90 0.00	30.42 -2.79 0.00	28.35 -2.23 0.00	25.22 -1.55 0.00	22.90 -1.26 0.00	22.39 -0.96 0.00	22.71 -0.73 0.00
NINE_MILE_1 23575	22.40 -0.69 0.00	20.21 -0.65 0.00	19.50 -0.65 0.00	19.27 -0.64 0.00	19.16 -0.63 0.00	19.39 -0.62 0.00	19.68 -0.61 0.00	20.24 -0.67 0.00	22.74 -0.83 0.00	23.32 -0.85 0.00	23.89 -0.87 0.00	24.64 -0.92 0.00	24.16 -0.95 0.00	24.88 -0.98 0.00	24.70 -0.95 0.00	25.44 -0.98 0.00	29.32 -1.09 0.00	34.26 -1.17 0.00	32.04 -1.16 0.00	29.51 -1.07 0.00	25.89 -0.88 0.00	23.38 -0.77 0.00	22.72 -0.63 0.00	22.85 -0.59 0.00
NINE_MILE_2 23744	22.40 -0.69 0.00	20.21 -0.65 0.00	19.52 -0.62 0.00	19.27 -0.64 0.00	19.16 -0.63 0.00	19.39 -0.62 0.00	19.68 -0.61 0.00	20.24 -0.67 0.00	22.74 -0.83 0.00	23.32 -0.85 0.00	23.89 -0.87 0.00	24.64 -0.92 0.00	24.16 -0.95 0.00	24.88 -0.98 0.00	24.70 -0.95 0.00	25.44 -0.98 0.00	29.32 -1.09 0.00	34.26 -1.17 0.00	32.04 -1.16 0.00	29.51 -1.07 0.00	25.89 -0.88 0.00	23.38 -0.77 0.00	22.72 -0.63 0.00	22.85 -0.59 0.00
NM_CAPITAL___DRP 24208	23.46 0.37 0.00	21.32 0.46 0.00	20.59 0.44 0.00	20.37 0.46 0.00	20.25 0.46 0.00	20.45 0.44 0.00	20.72 0.43 0.00	21.37 0.46 0.00	24.06 0.49 0.00	24.70 0.53 0.00	25.30 0.54 0.00	26.10 0.54 0.00	25.64 0.53 0.00	26.41 0.54 0.00	26.24 0.59 0.00	27.05 0.63 0.00	31.09 0.67 0.00	36.70 1.28 0.00	33.97 0.76 0.00	31.19 0.61 0.00	27.25 0.48 0.00	24.61 0.46 0.00	23.72 0.37 0.00	23.67 0.23 0.00
NM_CENTRAL___DRP 24181	22.84 -0.25 0.00	20.61 -0.25 0.00	19.90 -0.24 0.00	19.65 -0.26 0.00	19.53 -0.26 0.00	19.79 -0.22 0.00	20.11 -0.18 0.00	20.68 -0.23 0.00	23.30 -0.26 0.00	23.90 -0.27 0.00	24.48 -0.27 0.00	25.28 -0.28 0.00	24.81 -0.30 0.00	25.55 -0.31 0.00	25.29 -0.36 0.00	26.08 -0.34 0.00	30.11 -0.30 0.00	35.14 -0.28 0.00	32.87 -0.33 0.00	30.31 -0.28 0.00	26.59 -0.19 0.00	23.99 -0.17 0.00	23.25 -0.09 0.00	23.39 -0.05 0.00
NM_FRONTIER___DRP 24179	21.11 -1.99 0.00	18.90 -1.96 0.00	18.21 -1.93 0.00	17.94 -1.97 0.00	17.83 -1.96 0.00	18.15 -1.86 0.00	18.52 -1.77 0.00	18.57 -2.34 0.00	21.02 -2.54 0.00	21.44 -2.73 0.00	21.88 -2.87 0.00	22.70 -2.86 0.00	22.20 -2.91 0.00	22.84 -3.03 0.00	22.95 -2.69 0.00	23.65 -2.77 0.00	27.56 -2.86 0.00	31.85 -3.58 0.00	29.85 -3.35 0.00	27.83 -2.75 0.00	24.79 -1.98 0.00	22.51 -1.64 0.00	22.02 -1.33 0.00	22.34 -1.10 0.00
NM_ST_REGIS___HYD 24053	22.93 -0.16 0.00	20.63 -0.23 0.00	19.92 -0.22 0.00	19.63 -0.28 0.00	19.53 -0.26 0.00	19.63 -0.38 0.00	19.82 -0.47 0.00	20.53 -0.38 0.00	23.14 -0.42 0.00	23.78 -0.39 0.00	24.41 -0.35 0.00	25.33 -0.23 0.00	24.99 -0.13 0.00	25.68 -0.18 0.00	25.39 -0.26 0.00	26.05 -0.37 0.00	29.81 -0.61 0.00	34.05 -1.38 0.00	32.28 -0.93 0.00	29.94 -0.64 0.00	26.16 -0.62 0.00	23.48 -0.68 0.00	22.79 -0.56 0.00	23.09 -0.35 0.00



NORTHPORT___1 23551	24.96 1.87 0.00	22.59 1.73 0.00	21.72 1.57 0.00	21.53 1.61 0.00	21.37 1.58 0.00	21.57 1.56 0.00	21.93 1.64 0.00	22.65 1.73 0.00	25.71 2.14 0.00	26.35 2.18 -0.01	26.89 2.13 -0.01	33.10 2.15 -5.39	33.17 2.18 -5.87	33.67 2.25 -5.56	33.63 2.23 -5.76	34.84 2.35 -6.07	43.37 2.83 -10.13	49.35 3.83 -10.09	45.29 3.19 -8.89	41.63 2.87 -8.17	34.83 2.36 -5.70	32.16 2.05 -5.95	29.78 1.87 -4.56	25.31 1.88 0.00
NORTHPORT___2 23552	24.96 1.87 0.00	22.59 1.73 0.00	21.72 1.57 0.00	21.53 1.61 0.00	21.37 1.58 0.00	21.57 1.56 0.00	21.93 1.64 0.00	22.65 1.73 0.00	25.71 2.14 0.00	26.35 2.18 -0.01	26.89 2.13 -0.01	33.10 2.15 -5.39	33.17 2.18 -5.87	33.67 2.25 -5.56	33.63 2.23 -5.76	34.84 2.35 -6.07	43.37 2.83 -10.13	49.35 3.83 -10.09	45.29 3.19 -8.89	41.63 2.87 -8.17	34.83 2.36 -5.70	32.16 2.05 -5.95	29.78 1.87 -4.56	25.31 1.88 0.00
NORTHPORT___3 23553	24.59 1.50 0.00	22.21 1.36 0.00	21.37 1.23 0.00	21.17 1.26 0.00	21.02 1.23 0.00	21.21 1.20 0.00	21.57 1.28 0.00	22.27 1.36 0.00	25.28 1.72 0.00	25.97 1.79 -0.01	26.52 1.76 -0.01	32.74 1.79 -5.39	32.74 1.76 -5.87	33.23 1.81 -5.56	33.25 1.85 -5.76	34.28 1.80 -6.06	42.55 2.01 -10.13	48.46 2.94 -10.09	44.42 2.32 -8.89	40.80 2.05 -8.17	34.29 1.82 -5.70	31.85 1.74 -5.95	29.43 1.52 -4.56	24.89 1.45 0.00
NORTHPORT___4 23650	24.59 1.50 0.00	22.21 1.36 0.00	21.37 1.23 0.00	21.17 1.26 0.00	21.02 1.23 0.00	21.21 1.20 0.00	21.57 1.28 0.00	22.27 1.36 0.00	25.28 1.72 0.00	25.97 1.79 -0.01	26.52 1.76 -0.01	32.74 1.79 -5.39	32.74 1.76 -5.87	33.23 1.81 -5.56	33.25 1.85 -5.76	34.28 1.80 -6.06	42.55 2.01 -10.13	48.46 2.94 -10.09	44.42 2.32 -8.89	40.80 2.05 -8.17	34.29 1.82 -5.70	31.85 1.74 -5.95	29.43 1.52 -4.56	24.89 1.45 0.00
NORTHPORT___IC 23718	24.96 1.87 0.00	22.59 1.73 0.00	21.72 1.57 0.00	21.53 1.61 0.00	21.37 1.58 0.00	21.57 1.56 0.00	21.93 1.64 0.00	22.65 1.73 0.00	25.71 2.14 0.00	26.35 2.18 -0.01	26.89 2.13 -0.01	33.10 2.15 -5.39	33.17 2.18 -5.87	33.67 2.25 -5.56	33.63 2.23 -5.76	34.84 2.35 -6.07	43.37 2.83 -10.13	49.35 3.83 -10.09	45.29 3.19 -8.89	41.63 2.87 -8.17	34.83 2.36 -5.70	32.16 2.05 -5.95	29.78 1.87 -4.56	25.31 1.88 0.00
NORTH___COUNTRY_ESR 323785	23.12 0.02 0.00	20.69 -0.17 0.00	19.96 -0.18 0.00	19.69 -0.22 0.00	19.59 -0.20 0.00	19.93 -0.08 0.00	20.17 -0.12 0.00	20.89 -0.02 0.00	23.59 0.02 0.00	24.24 0.07 0.00	24.90 0.15 0.00	25.76 0.20 0.00	25.44 0.33 0.00	26.07 0.21 0.00	25.75 0.10 0.00	26.29 -0.13 0.00	29.99 -0.43 0.00	34.19 -1.24 0.00	32.31 -0.89 0.00	29.85 -0.73 0.00	26.02 -0.75 0.00	23.38 -0.77 0.00	22.72 -0.63 0.00	22.88 -0.56 0.00
NPX_GEN_1385_PROXY 323591	24.76 1.66 0.00	22.55 1.69 0.00	21.69 1.55 0.00	21.49 1.57 0.00	21.33 1.54 0.00	21.53 1.52 0.00	21.89 1.60 0.00	22.65 1.73 0.00	25.71 2.14 0.00	26.35 2.18 -0.01	26.89 2.13 -0.01	33.07 2.12 -5.39	33.07 2.08 -5.87	33.49 2.07 -5.56	33.48 2.08 -5.76	34.60 2.11 -6.07	43.26 2.25 -10.59	48.11 3.05 -9.63	44.49 2.39 -8.89	40.86 2.11 -8.17	34.40 1.93 -5.70	31.68 1.57 -5.95	29.52 1.61 -4.56	25.15 1.71 0.00
NPX_GEN_CSC 323557	25.24 2.15 0.00	22.80 1.94 0.00	21.89 1.75 0.00	21.71 1.79 0.00	21.57 1.78 0.00	21.75 1.74 0.00	22.20 1.91 0.00	22.83 1.92 0.00	26.01 2.45 0.00	26.50 2.32 -0.01	26.87 2.10 -0.01	32.87 1.92 -5.39	32.94 1.96 -5.87	33.46 2.04 -5.56	33.48 2.08 -5.76	34.73 2.24 -6.07	44.20 3.19 -10.59	49.06 4.00 -9.63	45.58 3.49 -8.89	42.15 3.39 -8.17	34.90 2.44 -5.70	32.16 2.05 -5.95	29.92 2.01 -4.56	25.59 2.15 0.00
NSINS_S_GLNS_FALLS 23858	24.50 1.41 0.00	22.15 1.29 0.00	21.37 1.23 0.00	21.13 1.21 0.00	20.86 1.07 0.00	21.11 1.10 0.00	21.38 1.10 0.00	21.98 1.07 0.00	24.86 1.30 0.00	25.50 1.33 0.00	26.17 1.41 0.00	27.04 1.48 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.16 1.51 0.00	28.11 1.69 0.00	32.36 1.95 0.00	38.12 2.69 0.00	35.26 2.06 0.00	32.32 1.74 0.00	28.27 1.50 0.00	25.60 1.45 0.00	24.61 1.26 0.00	24.63 1.20 0.00
NUCOR_STEEL___DRP 24197	23.30 0.21 0.00	20.98 0.13 0.00	20.24 0.10 0.00	19.99 0.08 0.00	19.87 0.08 0.00	20.15 0.14 0.00	20.51 0.22 0.00	21.10 0.19 0.00	23.82 0.26 0.00	24.41 0.24 0.00	25.03 0.27 0.00	25.84 0.28 0.00	25.34 0.23 0.00	26.10 0.23 0.00	25.90 0.26 0.00	26.74 0.32 0.00	30.94 0.52 0.00	36.06 0.64 0.00	33.80 0.60 0.00	31.19 0.61 0.00	27.42 0.64 0.00	24.71 0.56 0.00	23.91 0.56 0.00	24.00 0.56 0.00
NUMBER_THREE_WT_PWR 323818	22.72 -0.37 0.00	20.48 -0.37 0.00	19.76 -0.38 0.00	19.53 -0.38 0.00	19.43 -0.36 0.00	19.61 -0.40 0.00	19.90 -0.39 0.00	20.56 -0.36 0.00	23.21 -0.35 0.00	23.78 -0.39 0.00	24.38 -0.37 0.00	25.23 -0.33 0.00	24.79 -0.33 0.00	25.58 -0.28 0.00	25.36 -0.28 0.00	26.21 -0.21 0.00	30.51 0.09 0.00	35.53 0.11 0.00	33.34 0.13 0.00	30.74 0.15 0.00	27.04 0.27 0.00	24.25 0.10 0.00	23.37 0.02 0.00	23.46 0.02 0.00
NYISO_LBMP_REFERENCE 24008	23.09 0.00 0.00	20.86 0.00 0.00	20.14 0.00 0.00	19.91 0.00 0.00	19.79 0.00 0.00	20.01 0.00 0.00	20.29 0.00 0.00	20.91 0.00 0.00	23.56 0.00 0.00	24.17 0.00 0.00	24.76 0.00 0.00	25.56 0.00 0.00	25.11 0.00 0.00	25.86 0.00 0.00	25.65 0.00 0.00	26.42 0.00 0.00	30.42 0.00 0.00	35.43 0.00 0.00	33.21 0.00 0.00	30.58 0.00 0.00	26.77 0.00 0.00	24.16 0.00 0.00	23.35 0.00 0.00	23.44 0.00 0.00
NYPA_BRENTWD___GT 24164	25.20 2.10 0.00	22.76 1.90 0.00	21.88 1.73 0.00	21.68 1.77 0.00	21.53 1.74 0.00	21.73 1.72 0.00	22.09 1.81 0.00	22.81 1.90 0.00	25.90 2.33 0.00	26.55 2.37 -0.01	27.12 2.35 -0.01	33.33 2.38 -5.39	33.39 2.41 -5.87	33.90 2.48 -5.56	33.89 2.49 -5.76	35.13 2.64 -6.07	43.80 3.26 -10.13	49.84 4.32 -10.09	45.75 3.65 -8.89	42.06 3.30 -8.17	35.17 2.70 -5.70	32.43 2.32 -5.95	30.04 2.12 -4.56	25.55 2.11 0.00
NYPA_GOWANUS___GT5 24156	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01
NYPA_GOWANUS___GT6 24157	24.56 1.46 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.12 1.21 0.00	25.00 1.44 0.00	25.72 1.55 0.00	26.22 1.46 0.00	27.09 1.53 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.73 2.31 0.00	38.83 3.40 0.00	36.00 2.79 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.50 0.00	24.88 1.43 -0.01



NYPA_HARLEM__RVR__GT1 24160	24.46 1.36 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.28 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.40 1.12 0.00	22.03 1.13 0.01	24.94 1.39 0.01	25.64 1.47 0.01	26.16 1.41 0.01	27.06 1.51 0.01	26.66 1.56 0.01	27.46 1.60 0.01	27.23 1.59 0.01	28.08 1.67 0.01	32.48 2.07 0.01	38.43 3.01 0.01	35.62 2.42 0.01	32.71 2.14 0.01	28.45 1.69 0.01	25.57 1.42 0.01	24.68 1.33 0.00	24.85 1.41 -0.01
NYPA_HARLEM__RVR__GT2 24161	24.46 1.36 -0.01	22.22 1.36 -0.01	21.44 1.29 -0.01	21.28 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.40 1.12 0.00	22.03 1.13 0.01	24.94 1.39 0.01	25.64 1.47 0.01	26.16 1.41 0.01	27.06 1.51 0.01	26.66 1.56 0.01	27.46 1.60 0.01	27.23 1.59 0.01	28.08 1.67 0.01	32.48 2.07 0.01	38.43 3.01 0.01	35.62 2.42 0.01	32.71 2.14 0.01	28.45 1.69 0.01	25.57 1.42 0.01	24.68 1.33 0.00	24.85 1.41 -0.01
NYPA_KENT____GT 24152	24.53 1.43 -0.01	22.18 1.31 -0.01	21.38 1.23 -0.01	21.18 1.26 -0.01	21.03 1.23 -0.01	21.19 1.18 0.00	21.47 1.18 0.00	22.14 1.23 0.00	25.02 1.46 0.00	25.72 1.55 0.00	26.24 1.49 0.00	27.15 1.59 0.00	26.74 1.63 0.00	27.57 1.71 0.00	27.34 1.69 0.00	28.19 1.77 0.00	32.67 2.25 0.00	38.72 3.30 0.00	35.89 2.69 0.00	32.94 2.35 0.00	28.62 1.85 0.00	25.75 1.59 0.00	24.80 1.45 0.00	24.85 1.41 -0.01
NYPA_POUCH1____GT 24155	24.58 1.48 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.14 1.21 -0.01	21.01 1.21 -0.01	21.19 1.18 0.00	21.47 1.18 0.00	22.08 1.17 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.14 1.39 0.00	27.02 1.46 0.00	26.65 1.53 0.00	27.47 1.60 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.67 2.25 0.00	38.79 3.37 0.00	35.93 2.72 0.00	32.97 2.39 0.00	28.59 1.82 0.00	25.77 1.62 0.00	24.82 1.47 0.00	24.83 1.38 -0.01
NYPA_VERNON____GT2 24162	24.51 1.41 -0.01	22.18 1.31 -0.01	21.36 1.21 -0.01	21.20 1.28 -0.01	21.05 1.25 -0.01	21.19 1.18 0.00	21.47 1.18 0.00	22.14 1.23 0.00	25.05 1.49 0.00	25.74 1.57 0.00	26.29 1.54 0.00	27.17 1.61 0.00	26.77 1.66 0.00	27.57 1.71 0.00	27.34 1.69 0.00	28.19 1.77 0.00	32.64 2.22 0.00	38.62 3.19 0.00	35.80 2.59 0.00	32.84 2.26 0.00	28.59 1.82 0.00	25.72 1.57 0.00	24.75 1.40 0.00	24.83 1.38 -0.01
NYPA_VERNON____GT3 24163	24.51 1.41 -0.01	22.18 1.31 -0.01	21.36 1.21 -0.01	21.20 1.28 -0.01	21.05 1.25 -0.01	21.19 1.18 0.00	21.47 1.18 0.00	22.14 1.23 0.00	25.05 1.49 0.00	25.74 1.57 0.00	26.29 1.54 0.00	27.17 1.61 0.00	26.77 1.66 0.00	27.57 1.71 0.00	27.34 1.69 0.00	28.19 1.77 0.00	32.64 2.22 0.00	38.62 3.19 0.00	35.80 2.59 0.00	32.84 2.26 0.00	28.59 1.82 0.00	25.72 1.57 0.00	24.75 1.40 0.00	24.83 1.38 -0.01
NYPA__ASTORIA_CC1 323568	24.51 1.41 -0.01	22.18 1.31 -0.01	21.38 1.23 -0.01	21.20 1.28 -0.01	21.04 1.25 -0.01	21.19 1.18 0.00	21.47 1.18 0.00	22.14 1.23 0.00	25.05 1.49 0.00	25.74 1.57 0.00	26.27 1.51 0.00	27.17 1.61 0.00	26.77 1.66 0.00	27.57 1.71 0.00	27.34 1.69 0.00	28.16 1.74 0.00	32.61 2.19 0.00	38.58 3.15 0.00	35.76 2.56 0.00	32.84 2.26 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.72 1.38 0.00	24.83 1.38 -0.01
NYPA__ASTORIA_CC2 323569	24.51 1.41 -0.01	22.18 1.31 -0.01	21.38 1.23 -0.01	21.20 1.28 -0.01	21.04 1.25 -0.01	21.19 1.18 0.00	21.47 1.18 0.00	22.14 1.23 0.00	25.05 1.49 0.00	25.74 1.57 0.00	26.27 1.51 0.00	27.17 1.61 0.00	26.77 1.66 0.00	27.57 1.71 0.00	27.34 1.69 0.00	28.16 1.74 0.00	32.61 2.19 0.00	38.58 3.15 0.00	35.76 2.56 0.00	32.84 2.26 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.72 1.38 0.00	24.83 1.38 -0.01
NYPA__HOLTSVILL 23794	25.10 2.01 0.00	22.70 1.84 0.00	21.81 1.67 0.00	21.60 1.69 0.00	21.47 1.68 0.00	21.65 1.64 0.00	22.05 1.76 0.00	22.73 1.82 0.00	25.83 2.26 0.00	26.45 2.27 -0.01	26.94 2.18 -0.01	33.10 2.15 -5.39	33.17 2.18 -5.87	33.70 2.28 -5.56	33.68 2.28 -5.76	34.91 2.43 -6.07	43.65 3.10 -10.13	49.59 4.07 -10.09	45.55 3.45 -8.89	41.96 3.21 -8.17	34.98 2.52 -5.70	32.28 2.17 -5.95	29.92 2.01 -4.56	25.45 2.02 0.00
NYPA__HELLGATE_GT1 24158	24.46 1.36 -0.01	22.22 1.36 -0.01	21.42 1.27 -0.01	21.28 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.40 1.12 0.00	22.03 1.13 0.01	24.94 1.39 0.01	25.64 1.47 0.01	26.16 1.41 0.01	27.06 1.51 0.01	26.66 1.56 0.01	27.46 1.60 0.01	27.23 1.59 0.01	28.08 1.67 0.01	32.48 2.07 0.01	38.43 3.01 0.01	35.62 2.42 0.01	32.71 2.14 0.01	28.45 1.69 0.01	25.57 1.42 0.01	24.68 1.33 0.00	24.85 1.41 -0.01
NYPA__HELLGATE_GT2 24159	24.46 1.36 -0.01	22.22 1.36 -0.01	21.42 1.27 -0.01	21.28 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.40 1.12 0.00	22.03 1.13 0.01	24.94 1.39 0.01	25.64 1.47 0.01	26.16 1.41 0.01	27.06 1.51 0.01	26.66 1.56 0.01	27.46 1.60 0.01	27.23 1.59 0.01	28.08 1.67 0.01	32.48 2.07 0.01	38.43 3.01 0.01	35.62 2.42 0.01	32.71 2.14 0.01	28.45 1.69 0.01	25.57 1.42 0.01	24.68 1.33 0.00	24.85 1.41 -0.01
NYS_BARGE__HYD 23848	21.66 -1.43 0.00	19.38 -1.48 0.00	18.65 -1.49 0.00	18.38 -1.53 0.00	18.27 -1.52 0.00	18.59 -1.42 0.00	18.99 -1.30 0.00	19.05 -1.86 0.00	21.54 -2.03 0.00	22.14 -2.03 0.00	22.70 -2.05 0.00	23.21 -2.35 0.00	22.78 -2.33 0.00	23.64 -2.22 0.00	23.59 -2.05 0.00	24.31 -2.11 0.00	28.32 -2.10 0.00	32.95 -2.48 0.00	30.78 -2.42 0.00	28.69 -1.90 0.00	25.57 -1.20 0.00	23.19 -0.97 0.00	22.67 -0.68 0.00	22.97 -0.47 0.00
OAK ORCHARD__HYD 24046	22.33 -0.76 0.00	20.02 -0.84 0.00	19.32 -0.83 0.00	19.04 -0.88 0.00	18.94 -0.85 0.00	19.23 -0.78 0.00	19.60 -0.69 0.00	19.95 -0.96 0.00	22.53 -1.04 0.00	23.13 -1.04 0.00	23.72 -1.04 0.00	24.36 -1.20 0.00	23.88 -1.23 0.00	24.70 -1.16 0.00	24.59 -1.05 0.00	25.36 -1.06 0.00	29.38 -1.03 0.00	34.22 -1.20 0.00	32.08 -1.13 0.00	29.73 -0.86 0.00	26.26 -0.51 0.00	23.74 -0.41 0.00	23.09 -0.26 0.00	23.30 -0.14 0.00
OAKDALE__35_KV_LOAD 356122	23.16 0.07 0.00	20.88 0.02 0.00	20.16 0.02 0.00	19.93 0.02 0.00	19.81 0.02 0.00	20.05 0.04 0.00	20.39 0.10 0.00	20.95 0.04 0.00	23.63 0.07 0.00	24.22 0.05 0.00	24.78 0.02 0.00	25.59 0.03 0.00	25.09 -0.03 0.00	25.84 -0.03 0.00	25.70 0.05 0.00	26.53 0.11 0.00	30.69 0.27 0.00	35.85 0.43 0.00	33.50 0.30 0.00	30.92 0.34 0.00	27.20 0.43 0.00	24.54 0.39 0.00	23.74 0.40 0.00	23.84 0.40 0.00
OCC_CHEM__DRP 24175	21.18 -1.92 0.00	18.94 -1.92 0.00	18.25 -1.89 0.00	17.98 -1.93 0.00	17.87 -1.92 0.00	18.19 -1.82 0.00	18.58 -1.70 0.00	18.61 -2.30 0.00	21.09 -2.47 0.00	21.49 -2.68 0.00	21.96 -2.80 0.00	22.75 -2.81 0.00	22.25 -2.86 0.00	22.89 -2.97 0.00	23.00 -2.64 0.00	23.70 -2.72 0.00	27.62 -2.80 0.00	31.92 -3.51 0.00	29.92 -3.29 0.00	27.92 -2.66 0.00	24.85 -1.93 0.00	22.56 -1.59 0.00	22.09 -1.26 0.00	22.41 -1.03 0.00



OH_GEN_PROXY 24063	21.52 -1.57 0.00	19.27 -1.59 0.00	18.57 -1.57 0.00	18.30 -1.61 0.00	18.19 -1.60 0.00	18.51 -1.50 0.00	18.91 -1.38 0.00	19.01 -1.90 0.00	21.49 -2.07 0.00	22.07 -2.10 0.00	22.63 -2.13 0.00	23.16 -2.40 0.00	22.70 -2.41 0.00	23.54 -2.33 0.00	23.49 -2.15 0.00	24.17 -2.25 0.00	28.60 -2.28 -0.46	32.20 -2.76 0.46	30.52 -2.69 0.00	28.44 -2.14 0.00	25.30 -1.47 0.00	22.97 -1.18 0.00	22.46 -0.89 0.00	22.74 -0.70 0.00
OLIN_CORP_DRP 24177	21.41 -1.69 0.00	19.15 -1.71 0.00	18.43 -1.71 0.00	18.16 -1.75 0.00	18.05 -1.74 0.00	18.39 -1.62 0.00	18.77 -1.52 0.00	18.82 -2.09 0.00	21.32 -2.24 0.00	21.73 -2.44 0.00	22.21 -2.55 0.00	23.00 -2.56 0.00	22.50 -2.61 0.00	23.17 -2.69 0.00	23.29 -2.36 0.00	23.99 -2.43 0.00	27.95 -2.46 0.00	32.35 -3.08 0.00	30.32 -2.89 0.00	28.26 -2.32 0.00	25.17 -1.61 0.00	22.85 -1.30 0.00	22.34 -1.00 0.00	22.66 -0.77 0.00
OLIN_CORP_DSASP 323712	21.18 -1.92 0.00	18.94 -1.92 0.00	18.25 -1.89 0.00	17.98 -1.93 0.00	17.87 -1.92 0.00	18.19 -1.82 0.00	18.58 -1.70 0.00	18.61 -2.30 0.00	21.04 -2.52 0.00	21.61 -2.56 0.00	22.16 -2.60 0.00	22.67 -2.89 0.00	22.23 -2.89 0.00	23.07 -2.79 0.00	23.03 -2.62 0.00	23.70 -2.72 0.00	27.59 -2.83 0.00	32.03 -3.40 0.00	29.92 -3.29 0.00	27.89 -2.69 0.00	24.84 -1.93 0.00	22.56 -1.59 0.00	22.09 -1.26 0.00	22.41 -1.03 0.00
ONEIDA_HERK_LFGE 323681	23.28 0.18 0.00	21.01 0.15 0.00	20.29 0.14 0.00	20.05 0.14 0.00	19.93 0.14 0.00	20.15 0.14 0.00	20.47 0.18 0.00	21.12 0.21 0.00	23.82 0.26 0.00	24.44 0.27 0.00	25.05 0.30 0.00	25.87 0.31 0.00	25.44 0.33 0.00	26.23 0.36 0.00	26.00 0.36 0.00	26.87 0.45 0.00	31.06 0.64 0.00	36.21 0.78 0.00	33.90 0.70 0.00	31.22 0.64 0.00	27.41 0.64 0.00	24.64 0.48 0.00	23.74 0.40 0.00	23.81 0.37 0.00
ONEIDA___115KV_TB4 55905	23.60 0.51 0.00	21.30 0.44 0.00	20.57 0.42 0.00	20.33 0.42 0.00	20.21 0.42 0.00	20.47 0.46 0.00	20.82 0.53 0.00	21.43 0.52 0.00	24.20 0.64 0.00	24.80 0.63 0.00	25.42 0.67 0.00	26.23 0.66 0.00	25.79 0.68 0.00	26.59 0.72 0.00	26.39 0.74 0.00	27.24 0.82 0.00	31.39 0.97 0.00	36.63 1.20 0.00	34.23 1.03 0.00	31.53 0.95 0.00	27.68 0.91 0.00	24.88 0.72 0.00	24.02 0.68 0.00	24.12 0.68 0.00
ONONDAGA_REF_OCCRA 23987	23.00 -0.09 0.00	20.73 -0.13 0.00	20.02 -0.12 0.00	19.77 -0.14 0.00	19.65 -0.14 0.00	19.91 -0.10 0.00	20.23 -0.06 0.00	20.81 -0.10 0.00	23.47 -0.09 0.00	24.07 -0.10 0.00	24.66 -0.10 0.00	25.46 -0.10 0.00	24.99 -0.13 0.00	25.73 -0.13 0.00	25.49 -0.15 0.00	26.29 -0.13 0.00	30.36 -0.06 0.00	35.46 0.04 0.00	33.17 -0.03 0.00	30.55 -0.03 0.00	26.83 0.05 0.00	24.20 0.05 0.00	23.44 0.09 0.00	23.53 0.09 0.00
ONONDAGA___COGEN 23986	23.12 0.02 0.00	20.84 -0.02 0.00	20.12 -0.02 0.00	19.87 -0.04 0.00	19.75 -0.04 0.00	20.01 0.00 0.00	20.35 0.06 0.00	20.93 0.02 0.00	23.63 0.07 0.00	24.22 0.05 0.00	24.83 0.07 0.00	25.64 0.08 0.00	25.16 0.05 0.00	25.92 0.05 0.00	25.67 0.03 0.00	26.47 0.05 0.00	30.57 0.15 0.00	35.68 0.25 0.00	33.40 0.20 0.00	30.80 0.21 0.00	27.07 0.29 0.00	24.40 0.24 0.00	23.63 0.28 0.00	23.74 0.30 0.00
ONTARIO___LFGE 23819	23.19 0.09 0.00	20.86 0.00 0.00	20.12 -0.02 0.00	19.83 -0.08 0.00	19.73 -0.06 0.00	20.03 0.02 0.00	20.43 0.14 0.00	20.95 0.04 0.00	23.66 0.09 0.00	24.27 0.10 0.00	24.88 0.12 0.00	25.59 0.03 0.00	25.09 -0.03 0.00	25.89 0.03 0.00	25.75 0.10 0.00	26.63 0.21 0.00	30.84 0.43 0.00	35.85 0.43 0.00	33.77 0.56 0.00	31.22 0.64 0.00	27.50 0.72 0.00	24.78 0.63 0.00	23.98 0.63 0.00	24.07 0.63 0.00
ORANGEVILLE_WT_PWR 323706	21.39 -1.71 0.00	19.11 -1.75 0.00	18.41 -1.73 0.00	18.12 -1.79 0.00	18.01 -1.78 0.00	18.33 -1.68 0.00	18.73 -1.56 0.00	18.80 -2.11 0.00	21.28 -2.29 0.00	21.85 -2.32 0.00	22.43 -2.33 0.00	22.98 -2.58 0.00	22.58 -2.54 0.00	23.48 -2.38 0.00	23.49 -2.15 0.00	24.28 -2.14 0.00	28.41 -2.01 0.00	33.16 -2.27 0.00	31.01 -2.19 0.00	28.93 -1.65 0.00	25.86 -0.91 0.00	23.48 -0.68 0.00	22.90 -0.44 0.00	23.16 -0.28 0.00
ORANGEVILLE___ESR 323794	21.39 -1.71 0.00	19.11 -1.75 0.00	18.41 -1.73 0.00	18.12 -1.79 0.00	18.01 -1.78 0.00	18.33 -1.68 0.00	18.73 -1.56 0.00	18.80 -2.11 0.00	21.28 -2.29 0.00	21.85 -2.32 0.00	22.43 -2.33 0.00	22.98 -2.58 0.00	22.58 -2.54 0.00	23.48 -2.38 0.00	23.49 -2.15 0.00	24.28 -2.14 0.00	28.41 -2.01 0.00	33.16 -2.27 0.00	31.01 -2.19 0.00	28.93 -1.65 0.00	25.86 -0.91 0.00	23.48 -0.68 0.00	22.90 -0.44 0.00	23.16 -0.28 0.00
OSWEGATCHIE___HYD 24044	22.54 -0.55 0.00	20.32 -0.54 0.00	19.60 -0.54 0.00	19.36 -0.56 0.00	19.26 -0.53 0.00	19.35 -0.66 0.00	19.58 -0.71 0.00	20.26 -0.65 0.00	22.83 -0.73 0.00	23.45 -0.72 0.00	24.04 -0.72 0.00	24.92 -0.64 0.00	24.51 -0.60 0.00	25.27 -0.59 0.00	25.03 -0.62 0.00	25.79 -0.63 0.00	29.75 -0.67 0.00	34.29 -1.14 0.00	32.38 -0.83 0.00	29.94 -0.64 0.00	26.26 -0.51 0.00	23.55 -0.60 0.00	22.79 -0.56 0.00	22.99 -0.45 0.00
OSWEGO___5 23606	22.54 -0.55 0.00	20.34 -0.52 0.00	19.64 -0.50 0.00	19.39 -0.52 0.00	19.28 -0.51 0.00	19.51 -0.50 0.00	19.82 -0.47 0.00	20.39 -0.52 0.00	22.90 -0.66 0.00	23.49 -0.68 0.00	24.09 -0.67 0.00	24.82 -0.74 0.00	24.33 -0.78 0.00	25.09 -0.78 0.00	24.88 -0.77 0.00	25.65 -0.77 0.00	29.57 -0.85 0.00	34.54 -0.88 0.00	32.31 -0.89 0.00	29.79 -0.80 0.00	26.10 -0.67 0.00	23.58 -0.58 0.00	22.88 -0.47 0.00	23.02 -0.42 0.00
OSWEGO___6 23613	22.54 -0.55 0.00	20.34 -0.52 0.00	19.64 -0.50 0.00	19.39 -0.52 0.00	19.28 -0.51 0.00	19.51 -0.50 0.00	19.82 -0.47 0.00	20.39 -0.52 0.00	22.90 -0.66 0.00	23.49 -0.68 0.00	24.09 -0.67 0.00	24.82 -0.74 0.00	24.33 -0.78 0.00	25.09 -0.78 0.00	24.88 -0.77 0.00	25.65 -0.77 0.00	29.57 -0.85 0.00	34.54 -0.88 0.00	32.31 -0.89 0.00	29.79 -0.80 0.00	26.10 -0.67 0.00	23.58 -0.58 0.00	22.88 -0.47 0.00	23.02 -0.42 0.00
OUTOKUMPU-AB___DRP 24206	21.75 -1.34 0.00	19.46 -1.40 0.00	18.73 -1.41 0.00	18.46 -1.45 0.00	18.35 -1.44 0.00	18.67 -1.34 0.00	19.07 -1.22 0.00	19.11 -1.80 0.00	21.65 -1.91 0.00	22.09 -2.08 0.00	22.58 -2.18 0.00	23.39 -2.17 0.00	22.88 -2.24 0.00	23.56 -2.30 0.00	23.67 -1.97 0.00	24.41 -2.01 0.00	28.50 -1.92 0.00	32.98 -2.44 0.00	30.91 -2.29 0.00	28.84 -1.74 0.00	25.68 -1.10 0.00	23.31 -0.85 0.00	22.79 -0.56 0.00	23.06 -0.38 0.00
OXBOW___BTM 323836	21.50 -1.59 0.00	19.23 -1.63 0.00	18.51 -1.63 0.00	18.26 -1.65 0.00	18.13 -1.66 0.00	18.47 -1.54 0.00	18.87 -1.42 0.00	18.90 -2.01 0.00	21.40 -2.17 0.00	21.83 -2.34 0.00	22.30 -2.45 0.00	23.11 -2.45 0.00	22.60 -2.51 0.00	23.28 -2.59 0.00	23.39 -2.26 0.00	24.10 -2.33 0.00	28.14 -2.28 0.00	32.56 -2.87 0.00	30.48 -2.72 0.00	28.44 -2.14 0.00	25.33 -1.45 0.00	23.00 -1.16 0.00	22.48 -0.86 0.00	22.78 -0.66 0.00



OXBOW____ 24026	21.50 -1.59 0.00	19.23 -1.63 0.00	18.53 -1.61 0.00	18.26 -1.65 0.00	18.15 -1.64 0.00	18.47 -1.54 0.00	18.87 -1.42 0.00	18.90 -2.01 0.00	21.37 -2.19 0.00	21.95 -2.22 0.00	22.50 -2.25 0.00	23.06 -2.50 0.00	22.60 -2.51 0.00	23.46 -2.40 0.00	23.39 -2.26 0.00	24.10 -2.33 0.00	28.08 -2.34 0.00	32.63 -2.80 0.00	30.48 -2.72 0.00	28.41 -2.17 0.00	25.33 -1.45 0.00	23.00 -1.16 0.00	22.48 -0.86 0.00	22.78 -0.66 0.00
OXY_CHEM_DSASP 323612	21.18 -1.92 0.00	18.94 -1.92 0.00	18.25 -1.89 0.00	17.98 -1.93 0.00	17.87 -1.92 0.00	18.19 -1.82 0.00	18.58 -1.70 0.00	18.61 -2.30 0.00	21.09 -2.47 0.00	21.49 -2.68 0.00	21.96 -2.80 0.00	22.75 -2.81 0.00	22.25 -2.86 0.00	22.89 -2.97 0.00	23.00 -2.64 0.00	23.70 -2.72 0.00	27.62 -2.80 0.00	31.92 -3.51 0.00	29.92 -3.29 0.00	27.92 -2.66 0.00	24.85 -1.93 0.00	22.56 -1.59 0.00	22.09 -1.26 0.00	22.41 -1.03 0.00
OZONE_PARK_ESR 323760	24.55 1.45 0.00	22.22 1.36 0.00	21.39 1.25 0.00	21.23 1.31 0.00	21.08 1.29 0.00	21.23 1.22 0.00	21.57 1.28 0.00	22.27 1.36 0.00	25.14 1.58 0.00	25.86 1.69 0.00	26.41 1.66 0.00	27.22 1.66 0.00	26.77 1.66 0.00	27.60 1.73 0.00	27.49 1.85 0.00	28.35 1.93 0.00	32.76 2.34 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.75 1.98 0.00	25.87 1.72 0.00	24.84 1.49 0.00	24.92 1.48 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.18 -1.92 0.00	18.94 -1.92 0.00	18.25 -1.89 0.00	17.98 -1.93 0.00	17.87 -1.92 0.00	18.19 -1.82 0.00	18.58 -1.70 0.00	18.61 -2.30 0.00	21.09 -2.47 0.00	21.49 -2.68 0.00	21.96 -2.80 0.00	22.75 -2.81 0.00	22.25 -2.86 0.00	22.89 -2.97 0.00	23.00 -2.64 0.00	23.70 -2.72 0.00	27.62 -2.80 0.00	31.92 -3.51 0.00	29.92 -3.29 0.00	27.92 -2.66 0.00	24.85 -1.93 0.00	22.56 -1.59 0.00	22.09 -1.26 0.00	22.41 -1.03 0.00
PACKARD__115KV_DUPONT_184 80571	21.18 -1.92 0.00	18.94 -1.92 0.00	18.25 -1.89 0.00	17.98 -1.93 0.00	17.87 -1.92 0.00	18.19 -1.82 0.00	18.58 -1.70 0.00	18.61 -2.30 0.00	21.09 -2.47 0.00	21.49 -2.68 0.00	21.96 -2.80 0.00	22.75 -2.81 0.00	22.25 -2.86 0.00	22.89 -2.97 0.00	23.00 -2.64 0.00	23.70 -2.72 0.00	27.62 -2.80 0.00	31.92 -3.51 0.00	29.92 -3.29 0.00	27.92 -2.66 0.00	24.85 -1.93 0.00	22.56 -1.59 0.00	22.09 -1.26 0.00	22.41 -1.03 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.51 1.41 -0.01	22.24 1.38 -0.01	21.46 1.31 -0.01	21.27 1.35 -0.01	21.12 1.33 -0.01	21.21 1.20 0.00	21.49 1.20 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.60 1.43 0.00	26.12 1.36 0.00	26.94 1.38 0.00	26.49 1.38 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.06 1.64 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.69 2.11 0.00	28.43 1.66 0.00	25.60 1.45 0.00	24.70 1.35 0.00	24.85 1.41 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.83 1.73 -0.01	22.56 1.69 -0.01	21.74 1.59 -0.01	21.57 1.65 -0.01	21.42 1.62 -0.01	21.47 1.46 0.00	21.77 1.48 0.00	22.33 1.42 0.00	25.19 1.63 0.00	25.93 1.76 0.00	26.46 1.71 0.00	27.27 1.71 0.00	26.82 1.71 0.00	27.65 1.78 0.00	27.57 1.92 0.00	28.43 2.01 0.00	32.91 2.49 0.00	38.93 3.51 0.00	36.06 2.86 0.00	33.12 2.54 0.00	28.81 2.03 0.00	25.94 1.79 0.00	25.05 1.70 0.00	25.25 1.80 -0.01
PATROON__115KV_TB1 80586	23.53 0.44 0.00	21.36 0.50 0.00	20.65 0.50 0.00	20.41 0.50 0.00	20.28 0.49 0.00	20.49 0.48 0.00	20.76 0.47 0.00	21.43 0.52 0.00	24.13 0.57 0.00	24.70 0.53 0.00	25.30 0.54 0.00	26.10 0.54 0.00	25.64 0.53 0.00	26.41 0.54 0.00	26.26 0.62 0.00	27.08 0.66 0.00	31.15 0.73 0.00	36.70 1.28 0.00	34.00 0.80 0.00	31.22 0.64 0.00	27.28 0.51 0.00	24.64 0.48 0.00	23.74 0.40 0.00	23.70 0.26 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.40 -0.69 0.00	20.03 -0.83 0.00	19.28 -0.87 0.00	19.02 -0.90 0.00	18.88 -0.91 0.00	19.23 -0.78 0.00	19.66 -0.63 0.00	19.82 -1.09 0.00	22.43 -1.13 0.00	22.91 -1.26 0.00	23.42 -1.34 0.00	24.23 -1.33 0.00	23.68 -1.43 0.00	24.41 -1.45 0.00	24.52 -1.13 0.00	25.34 -1.08 0.00	29.63 -0.79 0.00	34.33 -1.10 0.00	32.18 -1.03 0.00	29.97 -0.61 0.00	26.69 -0.08 0.00	24.23 0.07 0.00	23.63 0.28 0.00	23.77 0.33 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.46 1.36 0.00	22.13 1.27 0.00	21.33 1.19 0.00	21.13 1.21 0.00	20.98 1.19 0.00	21.17 1.16 0.00	21.47 1.18 0.00	22.14 1.23 0.00	25.02 1.46 0.00	25.74 1.57 0.00	26.31 1.56 0.00	27.15 1.58 0.00	26.72 1.61 0.00	27.52 1.66 0.00	27.44 1.80 0.00	28.32 1.90 0.00	32.55 2.13 0.00	38.54 3.12 0.00	35.76 2.56 0.00	32.78 2.20 0.00	28.62 1.85 0.00	25.75 1.59 0.00	24.65 1.31 0.00	24.66 1.22 0.00
PEEKSKILL____ 23653	24.18 1.09 0.00	21.90 1.04 0.00	21.09 0.95 0.00	20.91 1.00 0.00	20.76 0.97 0.00	20.95 0.94 0.00	21.26 0.97 0.00	21.96 1.05 0.00	24.83 1.27 0.00	25.52 1.35 0.00	26.07 1.31 0.00	26.94 1.38 0.00	26.54 1.43 0.00	27.31 1.45 0.00	27.11 1.46 0.00	27.93 1.51 0.00	32.21 1.79 0.00	38.09 2.66 0.00	35.30 2.09 0.00	32.42 1.83 0.00	28.27 1.50 0.00	25.46 1.30 0.00	24.42 1.07 0.00	24.47 1.03 0.00
PGE MADISON__WINDPWR 24146	24.71 1.62 0.00	22.24 1.38 0.00	21.47 1.33 0.00	21.15 1.24 0.00	20.96 1.17 0.00	21.27 1.26 0.00	21.73 1.44 0.00	22.40 1.48 0.00	25.28 1.72 0.00	25.79 1.62 0.00	26.36 1.61 0.00	27.25 1.69 0.00	26.80 1.68 0.00	27.60 1.73 0.00	27.49 1.85 0.00	28.51 2.09 0.00	33.10 2.68 0.00	38.65 3.22 0.00	36.29 3.09 0.00	33.39 2.81 0.00	29.45 2.68 0.00	26.35 2.20 0.00	25.38 2.03 0.00	25.52 2.09 0.00
PIERCEFIELD__HYD 23852	22.86 -0.23 0.00	20.59 -0.27 0.00	19.88 -0.26 0.00	19.61 -0.30 0.00	19.49 -0.30 0.00	19.53 -0.48 0.00	19.70 -0.59 0.00	20.39 -0.52 0.00	23.00 -0.57 0.00	23.61 -0.56 0.00	24.21 -0.54 0.00	25.18 -0.38 0.00	24.79 -0.33 0.00	25.53 -0.34 0.00	25.24 -0.41 0.00	25.94 -0.48 0.00	29.69 -0.73 0.00	33.87 -1.56 0.00	32.14 -1.06 0.00	29.85 -0.73 0.00	26.13 -0.64 0.00	23.45 -0.70 0.00	22.76 -0.58 0.00	23.11 -0.33 0.00
PINELAWN_CC_1 323563	24.99 1.89 0.00	22.57 1.71 0.00	21.72 1.57 0.00	21.51 1.59 0.00	21.35 1.56 0.00	21.55 1.54 0.00	21.91 1.62 0.00	22.63 1.72 0.00	25.68 2.12 0.00	26.35 2.18 -0.01	26.92 2.15 -0.01	33.15 2.20 -5.39	33.22 2.23 -5.87	33.72 2.30 -5.56	33.71 2.31 -5.76	34.92 2.43 -6.07	43.49 2.95 -10.13	49.52 4.00 -10.09	45.45 3.35 -8.89	41.75 3.00 -8.17	34.93 2.46 -5.70	32.26 2.15 -5.95	29.85 1.94 -4.56	25.31 1.88 0.00
PJM_GEN_HTP_PROXY 323702	24.34 1.25 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.13 0.00	20.90 1.11 0.00	21.07 1.06 0.00	21.38 1.09 0.00	22.08 1.17 0.00	25.00 1.44 0.00	25.67 1.50 0.00	26.22 1.46 0.00	27.12 1.56 0.00	26.70 1.58 0.00	27.49 1.63 0.00	27.26 1.62 0.00	28.09 1.67 0.00	32.92 2.04 -0.46	37.90 2.94 0.46	35.56 2.36 0.00	32.63 2.05 0.00	28.46 1.69 0.00	25.60 1.45 0.00	24.58 1.24 0.00	24.66 1.22 0.00



PJM_GEN_KEystone 24065	23.16 0.07 0.00	20.88 0.02 0.00	20.12 -0.02 0.00	19.91 0.00 0.00	19.79 0.00 0.00	20.03 0.02 0.00	20.37 0.08 0.00	20.87 -0.04 0.00	23.61 0.05 0.00	24.22 0.05 0.00	24.78 0.02 0.00	25.54 -0.03 0.00	25.09 -0.03 0.00	25.86 0.00 0.00	25.72 0.08 0.00	26.53 0.11 0.00	31.15 0.27 -0.46	35.57 0.60 0.46	33.50 0.30 0.00	30.95 0.37 0.00	27.23 0.45 0.00	24.59 0.44 0.00	23.77 0.42 0.00	23.86 0.42 0.00
PJM_GEN_NEPTUNE_PROXY 323594	24.55 1.46 0.00	22.20 1.34 0.00	21.37 1.23 0.00	21.17 1.26 0.00	21.02 1.23 0.00	21.21 1.20 0.00	21.55 1.26 0.00	22.27 1.36 0.00	25.24 1.67 0.00	25.94 1.76 -0.01	26.50 1.73 -0.01	32.74 1.79 -5.39	32.81 1.83 -5.87	33.31 1.89 -5.56	33.27 1.87 -5.76	34.41 1.93 -6.06	43.32 2.31 -10.59	48.31 3.26 -9.63	44.76 2.66 -8.89	41.07 2.32 -8.17	34.40 1.93 -5.70	31.82 1.72 -5.95	29.38 1.47 -4.56	24.87 1.43 0.00
PJM_GEN_VFT_PROXY 323633	24.23 1.13 0.00	21.94 1.08 0.00	21.13 0.99 0.00	20.97 1.05 0.00	20.84 1.05 0.00	20.99 0.98 0.00	21.30 1.01 0.00	22.02 1.11 0.00	24.91 1.34 0.00	25.60 1.43 0.00	26.14 1.39 0.00	27.02 1.46 0.00	26.62 1.51 0.00	27.39 1.53 0.00	27.16 1.51 0.00	27.98 1.56 0.00	32.80 1.92 -0.46	37.80 2.84 0.46	35.46 2.26 0.00	32.54 1.96 0.00	28.35 1.58 0.00	25.51 1.35 0.00	24.49 1.14 0.00	24.56 1.13 0.00
PLATSBRG_115KV_PMLD1 355749	23.44 0.35 0.00	20.96 0.10 0.00	20.22 0.08 0.00	19.93 0.02 0.00	19.83 0.04 0.00	20.17 0.16 0.00	20.43 0.14 0.00	21.16 0.25 0.00	23.89 0.33 0.00	24.58 0.41 0.00	25.28 0.52 0.00	26.12 0.56 0.00	25.84 0.73 0.00	26.46 0.59 0.00	26.13 0.49 0.00	26.63 0.21 0.00	30.39 -0.03 0.00	34.68 -0.74 0.00	32.74 -0.46 0.00	30.28 -0.31 0.00	26.40 -0.37 0.00	23.72 -0.43 0.00	23.04 -0.30 0.00	23.20 -0.23 0.00
PLEASANTVLY___LBMP 24000	24.09 0.99 0.00	21.82 0.96 0.00	21.03 0.89 0.00	20.83 0.92 0.00	20.70 0.91 0.00	20.89 0.88 0.00	21.18 0.89 0.00	21.87 0.96 0.00	24.67 1.11 0.00	25.35 1.18 0.00	25.94 1.19 0.00	26.74 1.18 0.00	26.27 1.16 0.00	27.08 1.22 0.00	26.95 1.31 0.00	27.79 1.37 0.00	32.00 1.58 0.00	37.87 2.44 0.00	35.07 1.86 0.00	32.17 1.59 0.00	28.08 1.31 0.00	25.29 1.14 0.00	24.28 0.93 0.00	24.33 0.89 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.27 1.18 0.00	21.97 1.11 0.00	21.17 1.03 0.00	20.97 1.06 0.00	20.84 1.05 0.00	21.03 1.02 0.00	21.34 1.06 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.57 1.40 0.00	26.12 1.36 0.00	26.94 1.38 0.00	26.47 1.36 0.00	27.29 1.42 0.00	27.18 1.54 0.00	28.03 1.61 0.00	32.30 1.89 0.00	38.26 2.83 0.00	35.43 2.22 0.00	32.54 1.96 0.00	28.35 1.58 0.00	25.53 1.38 0.00	24.49 1.14 0.00	24.54 1.10 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.27 1.18 0.00	21.97 1.11 0.00	21.17 1.03 0.00	20.97 1.06 0.00	20.84 1.05 0.00	21.03 1.02 0.00	21.34 1.06 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.57 1.40 0.00	26.12 1.36 0.00	26.94 1.38 0.00	26.47 1.36 0.00	27.29 1.42 0.00	27.18 1.54 0.00	28.03 1.61 0.00	32.30 1.89 0.00	38.26 2.83 0.00	35.43 2.22 0.00	32.54 1.96 0.00	28.35 1.58 0.00	25.53 1.38 0.00	24.49 1.14 0.00	24.54 1.10 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.29 1.20 0.00	21.99 1.13 0.00	21.21 1.07 0.00	20.99 1.08 0.00	20.86 1.07 0.00	21.07 1.06 0.00	21.36 1.08 0.00	22.04 1.13 0.00	24.86 1.30 0.00	25.55 1.38 0.00	26.12 1.36 0.00	26.94 1.38 0.00	26.47 1.36 0.00	27.29 1.42 0.00	27.18 1.54 0.00	28.06 1.64 0.00	32.30 1.89 0.00	38.23 2.80 0.00	35.43 2.22 0.00	32.51 1.93 0.00	28.38 1.61 0.00	25.53 1.38 0.00	24.49 1.14 0.00	24.52 1.08 0.00
POLETTI_____ 23519	24.32 1.22 0.00	22.03 1.17 0.00	21.21 1.07 0.00	21.05 1.14 0.00	20.90 1.11 0.00	21.05 1.04 0.00	21.36 1.08 0.00	22.06 1.15 0.00	24.88 1.32 0.00	25.62 1.45 0.00	26.17 1.41 0.00	26.97 1.41 0.00	26.52 1.41 0.00	27.31 1.45 0.00	27.21 1.56 0.00	28.06 1.64 0.00	32.40 1.98 0.00	38.37 2.94 0.00	35.53 2.32 0.00	32.63 2.05 0.00	28.43 1.66 0.00	25.60 1.45 0.00	24.56 1.21 0.00	24.66 1.22 0.00
POMONA___ESR 323819	24.18 1.09 0.00	21.86 1.00 0.00	21.07 0.93 0.00	20.89 0.98 0.00	20.76 0.97 0.00	20.93 0.92 0.00	21.24 0.95 0.00	21.94 1.02 0.00	24.81 1.25 0.00	25.50 1.33 0.00	26.04 1.29 0.00	26.91 1.35 0.00	26.49 1.38 0.00	27.28 1.42 0.00	27.06 1.41 0.00	27.90 1.48 0.00	32.15 1.73 0.00	38.01 2.58 0.00	35.23 2.03 0.00	32.35 1.77 0.00	28.24 1.47 0.00	25.43 1.28 0.00	24.40 1.05 0.00	24.45 1.01 0.00
PORT_JEFF_3 23555	25.17 2.08 0.00	22.74 1.88 0.00	21.84 1.69 0.00	21.64 1.73 0.00	21.49 1.70 0.00	21.69 1.68 0.00	22.08 1.79 0.00	22.77 1.86 0.00	25.87 2.31 0.00	26.50 2.32 -0.01	26.99 2.23 -0.01	33.15 2.20 -5.39	33.22 2.23 -5.87	33.75 2.33 -5.56	33.74 2.33 -5.76	35.00 2.51 -6.07	43.74 3.19 -10.13	49.70 4.18 -10.09	45.65 3.55 -8.89	42.03 3.27 -8.17	35.04 2.57 -5.70	32.33 2.22 -5.95	29.97 2.06 -4.56	25.52 2.09 0.00
PORT_JEFF_4 23616	25.17 2.08 0.00	22.74 1.88 0.00	21.84 1.69 0.00	21.64 1.73 0.00	21.49 1.70 0.00	21.69 1.68 0.00	22.08 1.79 0.00	22.77 1.86 0.00	25.87 2.31 0.00	26.50 2.32 -0.01	26.99 2.23 -0.01	33.15 2.20 -5.39	33.22 2.23 -5.87	33.75 2.33 -5.56	33.74 2.33 -5.76	35.00 2.51 -6.07	43.74 3.19 -10.13	49.70 4.18 -10.09	45.65 3.55 -8.89	42.03 3.27 -8.17	35.04 2.57 -5.70	32.33 2.22 -5.95	29.97 2.06 -4.56	25.52 2.09 0.00
PORT_JEFF_IC 23713	25.17 2.08 0.00	22.74 1.88 0.00	21.85 1.71 0.00	21.64 1.73 0.00	21.51 1.72 0.00	21.69 1.68 0.00	22.09 1.81 0.00	22.79 1.88 0.00	25.90 2.33 0.00	26.50 2.32 -0.01	27.02 2.25 -0.01	33.17 2.22 -5.39	33.24 2.26 -5.87	33.77 2.35 -5.56	33.76 2.36 -5.76	35.00 2.51 -6.07	43.77 3.22 -10.13	49.74 4.21 -10.09	45.69 3.59 -8.89	42.06 3.30 -8.17	35.06 2.60 -5.70	32.35 2.25 -5.95	29.99 2.08 -4.56	25.52 2.09 0.00
PPL PILGRIM_ST_GT1 24216	25.20 2.10 0.00	22.76 1.90 0.00	21.88 1.73 0.00	21.68 1.77 0.00	21.53 1.74 0.00	21.73 1.72 0.00	22.09 1.81 0.00	22.81 1.90 0.00	25.90 2.33 0.00	26.55 2.37 -0.01	27.12 2.35 -0.01	33.33 2.38 -5.39	33.39 2.41 -5.87	33.90 2.48 -5.56	33.89 2.49 -5.76	35.13 2.64 -6.07	43.80 3.26 -10.13	49.84 4.32 -10.09	45.75 3.65 -8.89	42.06 3.30 -8.17	35.17 2.70 -5.70	32.43 2.32 -5.95	30.04 2.12 -4.56	25.55 2.11 0.00
PPL PILGRIM_ST_GT2 24217	25.20 2.10 0.00	22.76 1.90 0.00	21.88 1.73 0.00	21.68 1.77 0.00	21.53 1.74 0.00	21.73 1.72 0.00	22.09 1.81 0.00	22.81 1.90 0.00	25.90 2.33 0.00	26.55 2.37 -0.01	27.12 2.35 -0.01	33.33 2.38 -5.39	33.39 2.41 -5.87	33.90 2.48 -5.56	33.89 2.49 -5.76	35.13 2.64 -6.07	43.80 3.26 -10.13	49.84 4.32 -10.09	45.75 3.65 -8.89	42.06 3.30 -8.17	35.17 2.70 -5.70	32.43 2.32 -5.95	30.04 2.12 -4.56	25.55 2.11 0.00



PPL_SHRM_GT3 24213	25.26 2.17 0.00	22.82 1.96 0.00	21.92 1.77 0.00	21.72 1.81 0.00	21.59 1.80 0.00	21.77 1.76 0.00	22.22 1.93 0.00	22.86 1.95 0.00	26.04 2.47 0.00	26.52 2.34 -0.01	26.89 2.13 -0.01	32.89 1.94 -5.39	32.99 2.01 -5.87	33.51 2.09 -5.56	33.51 2.10 -5.76	34.76 2.27 -6.07	43.80 3.26 -10.13	49.59 4.07 -10.09	45.65 3.55 -8.89	42.18 3.42 -8.17	34.96 2.49 -5.70	32.19 2.08 -5.95	29.97 2.06 -4.56	25.64 2.20 0.00
PPL_SHRM_GT4 24214	25.26 2.17 0.00	22.82 1.96 0.00	21.92 1.77 0.00	21.72 1.81 0.00	21.59 1.80 0.00	21.77 1.76 0.00	22.22 1.93 0.00	22.86 1.95 0.00	26.04 2.47 0.00	26.52 2.34 -0.01	26.89 2.13 -0.01	32.89 1.94 -5.39	32.99 2.01 -5.87	33.51 2.09 -5.56	33.51 2.10 -5.76	34.76 2.27 -6.07	43.80 3.26 -10.13	49.59 4.07 -10.09	45.65 3.55 -8.89	42.18 3.42 -8.17	34.96 2.49 -5.70	32.19 2.08 -5.95	29.97 2.06 -4.56	25.64 2.20 0.00
PROJECT___ORANGE 1 24174	22.86 -0.23 0.00	20.61 -0.25 0.00	19.90 -0.24 0.00	19.65 -0.26 0.00	19.53 -0.26 0.00	19.79 -0.22 0.00	20.11 -0.18 0.00	20.68 -0.23 0.00	23.33 -0.24 0.00	23.90 -0.27 0.00	24.48 -0.27 0.00	25.28 -0.28 0.00	24.84 -0.28 0.00	25.55 -0.31 0.00	25.31 -0.33 0.00	26.08 -0.34 0.00	30.11 -0.30 0.00	35.18 -0.25 0.00	32.91 -0.30 0.00	30.31 -0.28 0.00	26.61 -0.16 0.00	24.01 -0.14 0.00	23.28 -0.07 0.00	23.39 -0.05 0.00
PROJECT___ORANGE 2 24166	22.86 -0.23 0.00	20.61 -0.25 0.00	19.90 -0.24 0.00	19.65 -0.26 0.00	19.53 -0.26 0.00	19.79 -0.22 0.00	20.11 -0.18 0.00	20.68 -0.23 0.00	23.33 -0.24 0.00	23.90 -0.27 0.00	24.48 -0.27 0.00	25.28 -0.28 0.00	24.84 -0.28 0.00	25.55 -0.31 0.00	25.31 -0.33 0.00	26.08 -0.34 0.00	30.11 -0.30 0.00	35.18 -0.25 0.00	32.91 -0.30 0.00	30.31 -0.28 0.00	26.61 -0.16 0.00	24.01 -0.14 0.00	23.28 -0.07 0.00	23.39 -0.05 0.00
PUCKETT___SOLAR 323809	23.67 0.58 0.00	21.32 0.46 0.00	20.59 0.44 0.00	20.33 0.42 0.00	20.21 0.42 0.00	20.47 0.46 0.00	20.84 0.55 0.00	21.43 0.52 0.00	24.17 0.61 0.00	24.77 0.60 0.00	25.35 0.59 0.00	26.15 0.59 0.00	25.69 0.58 0.00	26.48 0.62 0.00	26.31 0.67 0.00	27.19 0.77 0.00	31.45 1.03 0.00	36.77 1.35 0.00	34.40 1.19 0.00	31.71 1.13 0.00	27.90 1.12 0.00	25.12 0.97 0.00	24.26 0.91 0.00	24.35 0.91 0.00
PYRITES___HYD 24023	23.21 0.12 0.00	20.90 0.04 0.00	20.18 0.04 0.00	19.91 0.00 0.00	19.79 0.00 0.00	19.87 -0.14 0.00	20.09 -0.20 0.00	20.81 -0.10 0.00	23.47 -0.09 0.00	24.10 -0.07 0.00	24.73 -0.02 0.00	25.69 0.13 0.00	25.26 0.15 0.00	26.04 0.18 0.00	25.77 0.13 0.00	26.50 0.08 0.00	30.36 -0.06 0.00	34.61 -0.81 0.00	32.87 -0.33 0.00	30.55 -0.03 0.00	26.75 -0.03 0.00	23.96 -0.19 0.00	23.21 -0.14 0.00	23.46 0.02 0.00
QUAKERRD_115KV_BK1 80622	21.94 -1.15 0.00	19.71 -1.15 0.00	19.00 -1.15 0.00	18.74 -1.17 0.00	18.64 -1.15 0.00	18.91 -1.10 0.00	19.27 -1.01 0.00	19.66 -1.25 0.00	22.24 -1.32 0.00	22.77 -1.40 0.00	23.29 -1.46 0.00	24.08 -1.48 0.00	23.61 -1.51 0.00	24.34 -1.53 0.00	24.23 -1.41 0.00	24.97 -1.45 0.00	28.93 -1.49 0.00	33.62 -1.81 0.00	31.55 -1.66 0.00	29.17 -1.41 0.00	25.73 -1.04 0.00	23.26 -0.89 0.00	22.60 -0.75 0.00	22.76 -0.68 0.00
QUENSBRY_115KV_TB8 356137	24.53 1.43 0.00	22.17 1.31 0.00	21.39 1.25 0.00	21.15 1.23 0.00	20.86 1.07 0.00	21.11 1.10 0.00	21.41 1.12 0.00	21.98 1.07 0.00	24.86 1.30 0.00	25.52 1.35 0.00	26.19 1.44 0.00	27.07 1.51 0.00	26.54 1.43 0.00	27.34 1.47 0.00	27.18 1.54 0.00	28.14 1.72 0.00	32.40 1.98 0.00	38.16 2.73 0.00	35.30 2.09 0.00	32.36 1.77 0.00	28.30 1.53 0.00	25.63 1.47 0.00	24.63 1.28 0.00	24.66 1.22 0.00
RAMAPO___LBMP 323565	24.09 0.99 0.00	21.80 0.94 0.00	21.01 0.87 0.00	20.83 0.92 0.00	20.70 0.91 0.00	20.87 0.86 0.00	21.18 0.89 0.00	21.87 0.96 0.00	24.67 1.11 0.00	25.38 1.21 0.00	25.92 1.16 0.00	26.74 1.18 0.00	26.24 1.13 0.00	27.05 1.19 0.00	26.95 1.31 0.00	27.79 1.37 0.00	32.03 1.61 0.00	37.87 2.44 0.00	35.10 1.89 0.00	32.23 1.65 0.00	28.14 1.37 0.00	25.36 1.21 0.00	24.33 0.98 0.00	24.38 0.94 0.00
RANKINE____ 23646	22.01 -1.09 0.00	19.67 -1.19 0.00	18.93 -1.21 0.00	18.68 -1.23 0.00	18.54 -1.25 0.00	18.89 -1.12 0.00	19.30 -0.99 0.00	19.38 -1.53 0.00	21.96 -1.60 0.00	22.41 -1.76 0.00	22.90 -1.86 0.00	23.72 -1.84 0.00	23.20 -1.91 0.00	23.90 -1.97 0.00	24.03 -1.62 0.00	24.81 -1.61 0.00	28.99 -1.43 0.00	33.59 -1.84 0.00	31.48 -1.73 0.00	29.36 -1.22 0.00	26.16 -0.62 0.00	23.74 -0.41 0.00	23.18 -0.16 0.00	23.41 -0.02 0.00
RAVENSWOOD_GT2_1 24244	24.36 1.27 0.00	22.05 1.19 0.00	21.23 1.09 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.09 1.08 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.19 1.44 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.69 2.11 0.00	28.49 1.71 0.00	25.63 1.47 0.00	24.61 1.26 0.00	24.68 1.24 0.00
RAVENSWOOD_GT2_2 24245	24.36 1.27 0.00	22.05 1.19 0.00	21.23 1.09 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.09 1.08 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.19 1.44 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.69 2.11 0.00	28.49 1.71 0.00	25.63 1.47 0.00	24.61 1.26 0.00	24.68 1.24 0.00
RAVENSWOOD_GT2_3 24246	24.36 1.27 0.00	22.05 1.19 0.00	21.25 1.11 0.00	21.07 1.15 0.00	20.94 1.15 0.00	21.09 1.08 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.93 1.37 0.00	25.67 1.50 0.00	26.22 1.46 0.00	27.02 1.46 0.00	26.57 1.46 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.69 2.11 0.00	28.49 1.71 0.00	25.65 1.50 0.00	24.61 1.26 0.00	24.68 1.24 0.00
RAVENSWOOD_GT2_4 24247	24.36 1.27 0.00	22.05 1.19 0.00	21.25 1.11 0.00	21.07 1.15 0.00	20.94 1.15 0.00	21.09 1.08 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.93 1.37 0.00	25.67 1.50 0.00	26.22 1.46 0.00	27.02 1.46 0.00	26.57 1.46 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.69 2.11 0.00	28.49 1.71 0.00	25.65 1.50 0.00	24.61 1.26 0.00	24.68 1.24 0.00
RAVENSWOOD_GT3_1 24248	24.36 1.27 0.00	22.05 1.19 0.00	21.25 1.11 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.09 1.08 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.19 1.44 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.69 2.11 0.00	28.49 1.71 0.00	25.63 1.47 0.00	24.61 1.26 0.00	24.68 1.24 0.00



RAVENSWOOD_GT3_2 24249	24.36 1.27 0.00	22.05 1.19 0.00	21.25 1.11 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.09 1.08 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.19 1.44 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.69 2.11 0.00	28.49 1.71 0.00	25.63 1.47 0.00	24.61 1.26 0.00	24.68 1.24 0.00
RAVENSWOOD_GT3_3 24250	24.39 1.29 0.00	22.07 1.21 0.00	21.25 1.11 0.00	21.09 1.17 0.00	20.94 1.15 0.00	21.11 1.10 0.00	21.43 1.14 0.00	22.12 1.21 0.00	24.95 1.39 0.00	25.67 1.50 0.00	26.22 1.46 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.39 1.53 0.00	27.29 1.64 0.00	28.14 1.72 0.00	32.49 2.07 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.72 2.14 0.00	28.51 1.74 0.00	25.65 1.50 0.00	24.63 1.28 0.00	24.70 1.27 0.00
RAVENSWOOD_GT3_4 24251	24.39 1.29 0.00	22.07 1.21 0.00	21.25 1.11 0.00	21.09 1.17 0.00	20.94 1.15 0.00	21.11 1.10 0.00	21.43 1.14 0.00	22.12 1.21 0.00	24.95 1.39 0.00	25.67 1.50 0.00	26.22 1.46 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.39 1.53 0.00	27.29 1.64 0.00	28.14 1.72 0.00	32.49 2.07 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.72 2.14 0.00	28.51 1.74 0.00	25.65 1.50 0.00	24.63 1.28 0.00	24.70 1.27 0.00
RAVENSWOOD_GT_1 23729	24.51 1.41 -0.01	22.18 1.31 -0.01	21.36 1.21 -0.01	21.20 1.27 -0.01	21.04 1.25 -0.01	21.19 1.18 0.00	21.51 1.22 0.00	22.14 1.23 0.00	24.98 1.41 0.00	25.72 1.55 0.00	26.24 1.49 0.00	27.07 1.51 0.00	26.62 1.51 0.00	27.42 1.55 0.00	27.34 1.69 0.00	28.19 1.77 0.00	32.61 2.19 0.00	38.62 3.19 0.00	35.76 2.56 0.00	32.84 2.26 0.00	28.59 1.82 0.00	25.73 1.57 0.00	24.75 1.40 0.00	24.83 1.38 -0.01
RAVENSWOOD_GT_10 24258	24.34 1.25 0.00	22.05 1.19 0.00	21.23 1.09 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.19 1.44 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.49 1.71 0.00	25.63 1.47 0.00	24.61 1.26 0.00	24.68 1.24 0.00
RAVENSWOOD_GT_11 24259	24.34 1.25 0.00	22.05 1.19 0.00	21.23 1.09 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.19 1.44 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.49 1.71 0.00	25.63 1.47 0.00	24.61 1.26 0.00	24.68 1.24 0.00
RAVENSWOOD_GT_4 24252	24.34 1.25 0.01	22.02 1.17 0.00	21.21 1.07 0.00	21.04 1.14 0.00	20.89 1.11 0.00	21.07 1.06 0.00	21.38 1.10 0.00	22.08 1.17 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.19 1.44 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.34 1.47 0.00	27.24 1.59 0.00	28.08 1.66 0.00	32.43 2.01 0.00	38.40 2.98 0.00	35.56 2.36 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.65 1.22 0.00
RAVENSWOOD_GT_5 24254	24.34 1.25 0.01	22.02 1.17 0.00	21.21 1.07 0.00	21.04 1.14 0.00	20.89 1.11 0.00	21.07 1.06 0.00	21.38 1.10 0.00	22.08 1.17 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.19 1.44 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.34 1.47 0.00	27.24 1.59 0.00	28.08 1.66 0.00	32.43 2.01 0.00	38.40 2.98 0.00	35.56 2.36 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.65 1.22 0.00
RAVENSWOOD_GT_6 24253	24.34 1.25 0.01	22.02 1.17 0.00	21.21 1.07 0.00	21.04 1.14 0.00	20.89 1.11 0.00	21.07 1.06 0.00	21.38 1.10 0.00	22.08 1.17 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.19 1.44 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.34 1.47 0.00	27.24 1.59 0.00	28.08 1.66 0.00	32.43 2.01 0.00	38.40 2.98 0.00	35.56 2.36 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.65 1.22 0.00
RAVENSWOOD_GT_7 24255	24.34 1.25 0.01	22.02 1.17 0.00	21.21 1.07 0.00	21.04 1.14 0.00	20.89 1.11 0.00	21.07 1.06 0.00	21.38 1.10 0.00	22.08 1.17 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.19 1.44 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.34 1.47 0.00	27.24 1.59 0.00	28.08 1.66 0.00	32.43 2.01 0.00	38.40 2.98 0.00	35.56 2.36 0.00	32.66 2.08 0.00	28.46 1.69 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.65 1.22 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.34 1.25 0.00	22.05 1.19 0.00	21.23 1.09 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.19 1.44 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.49 1.71 0.00	25.63 1.47 0.00	24.61 1.26 0.00	24.68 1.24 0.00
RAVENSWOOD_GT_9 24257	24.34 1.25 0.00	22.05 1.19 0.00	21.23 1.09 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.93 1.37 0.00	25.64 1.47 0.00	26.19 1.44 0.00	26.99 1.43 0.00	26.54 1.43 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.49 1.71 0.00	25.63 1.47 0.00	24.61 1.26 0.00	24.68 1.24 0.00
RAVENSWOOD___1 23533	24.49 1.39 -0.01	22.16 1.29 -0.01	21.36 1.21 -0.01	21.17 1.26 -0.01	21.02 1.23 -0.01	21.17 1.16 0.00	21.47 1.18 0.00	22.14 1.23 0.00	25.05 1.49 0.00	25.74 1.57 0.00	26.27 1.51 0.00	27.17 1.61 0.00	26.77 1.66 0.00	27.57 1.71 0.00	27.34 1.69 0.00	28.16 1.74 0.00	32.61 2.19 0.00	38.58 3.15 0.00	35.76 2.56 0.00	32.81 2.23 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.72 1.38 0.00	24.83 1.38 -0.01
RAVENSWOOD___2 23534	24.49 1.39 -0.01	22.16 1.29 -0.01	21.34 1.19 -0.01	21.17 1.26 -0.01	21.02 1.23 -0.01	21.17 1.16 0.00	21.45 1.16 0.00	22.14 1.23 0.00	25.05 1.49 0.00	25.74 1.57 0.00	26.27 1.51 0.00	27.15 1.59 0.00	26.77 1.66 0.00	27.57 1.71 0.00	27.34 1.69 0.00	28.16 1.74 0.00	32.58 2.16 0.00	38.58 3.15 0.00	35.73 2.52 0.00	32.81 2.23 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.70 1.35 0.00	24.80 1.36 -0.01
RAVENSWOOD___3 23535	24.36 1.27 0.00	22.05 1.19 0.00	21.23 1.09 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.09 1.08 0.00	21.38 1.09 0.00	22.10 1.19 0.00	25.00 1.44 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.12 1.56 0.00	26.72 1.61 0.00	27.52 1.66 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.49 2.07 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.69 2.11 0.00	28.49 1.71 0.00	25.63 1.47 0.00	24.61 1.26 0.00	24.68 1.24 0.00



RAVENSWOOD___4 23820	24.49 1.39 -0.01	22.16 1.29 -0.01	21.34 1.19 -0.01	21.17 1.26 -0.01	21.02 1.23 -0.01	21.15 1.14 0.00	21.45 1.16 0.00	22.12 1.21 0.00	25.02 1.46 0.00	25.74 1.57 0.00	26.27 1.51 0.00	27.15 1.59 0.00	26.74 1.63 0.00	27.57 1.71 0.00	27.34 1.69 0.00	28.16 1.74 0.00	32.58 2.16 0.00	38.55 3.12 0.00	35.73 2.52 0.00	32.81 2.23 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.70 1.35 0.00	24.80 1.36 -0.01
RCPI_TRUST___DRP 24196	24.34 1.25 0.00	22.05 1.19 0.00	21.23 1.09 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.09 1.08 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.95 1.39 0.00	25.67 1.50 0.00	26.22 1.46 0.00	27.02 1.46 0.00	26.57 1.46 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.49 1.71 0.00	25.63 1.47 0.00	24.61 1.26 0.00	24.68 1.24 0.00
RED___ROCHESTER 323720	22.45 -0.65 0.00	20.13 -0.73 0.00	19.40 -0.74 0.00	19.14 -0.78 0.00	19.02 -0.77 0.00	19.31 -0.70 0.00	19.70 -0.59 0.00	20.05 -0.86 0.00	22.67 -0.90 0.00	23.28 -0.89 0.00	23.87 -0.89 0.00	24.51 -1.05 0.00	24.03 -1.08 0.00	24.88 -0.98 0.00	24.77 -0.87 0.00	25.55 -0.87 0.00	29.60 -0.82 0.00	34.51 -0.92 0.00	32.31 -0.89 0.00	29.94 -0.64 0.00	26.45 -0.32 0.00	23.91 -0.24 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00
REGAN___SOLAR 323812	25.45 2.36 0.00	23.03 2.17 0.00	22.20 2.06 0.00	21.94 2.03 0.00	21.77 1.98 0.00	22.07 2.06 0.00	22.44 2.15 0.00	23.15 2.24 0.00	26.20 2.64 0.00	26.71 2.54 0.00	27.45 2.70 0.00	28.45 2.89 0.00	27.85 2.74 0.00	28.76 2.90 0.00	28.67 3.02 0.00	29.91 3.49 0.00	34.64 4.23 0.00	40.53 5.10 0.00	37.59 4.38 0.00	34.47 3.88 0.00	30.23 3.46 0.00	27.15 2.99 0.00	25.89 2.55 0.00	25.88 2.44 0.00
RENSSELAER___COGEN 23796	23.39 0.30 0.00	21.25 0.40 0.00	20.55 0.40 0.00	20.31 0.40 0.00	20.19 0.40 0.00	20.39 0.38 0.00	20.65 0.37 0.00	21.33 0.42 0.00	24.06 0.50 0.00	24.65 0.48 0.00	25.20 0.45 0.00	26.05 0.48 0.00	25.62 0.50 0.00	26.38 0.52 0.00	26.16 0.51 0.00	26.95 0.53 0.00	30.97 0.55 0.00	36.53 1.10 0.00	33.83 0.63 0.00	31.07 0.49 0.00	27.15 0.37 0.00	24.52 0.36 0.00	23.63 0.28 0.00	23.58 0.14 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.20 2.10 0.00	22.76 1.90 0.00	21.96 1.81 0.00	21.70 1.79 0.00	21.45 1.66 0.00	21.73 1.72 0.00	22.01 1.72 0.00	22.67 1.76 0.00	25.73 2.17 0.00	26.37 2.20 0.00	27.11 2.35 0.00	28.04 2.48 0.00	27.47 2.36 0.00	28.29 2.43 0.00	28.08 2.44 0.00	29.19 2.77 0.00	33.67 3.25 0.00	39.64 4.22 0.00	36.56 3.35 0.00	33.46 2.87 0.00	29.34 2.57 0.00	26.45 2.29 0.00	25.31 1.96 0.00	25.31 1.88 0.00
REVERE_CPPR_DRP 24186	23.72 0.62 0.00	21.40 0.54 0.00	20.65 0.50 0.00	20.41 0.50 0.00	20.30 0.51 0.00	20.53 0.52 0.00	20.88 0.59 0.00	21.52 0.61 0.00	24.29 0.73 0.00	24.89 0.73 0.00	25.52 0.77 0.00	26.35 0.79 0.00	25.94 0.83 0.00	26.74 0.88 0.00	26.54 0.90 0.00	27.42 1.00 0.00	31.63 1.22 0.00	36.88 1.45 0.00	34.50 1.30 0.00	31.77 1.19 0.00	27.90 1.12 0.00	25.07 0.92 0.00	24.16 0.82 0.00	24.24 0.80 0.00
REYNOLDS_115KV_TB3 80639	23.60 0.51 0.00	21.42 0.56 0.00	20.69 0.54 0.00	20.45 0.54 0.00	20.34 0.55 0.00	20.53 0.52 0.00	20.80 0.51 0.00	21.48 0.56 0.00	24.18 0.61 0.00	24.77 0.60 0.00	25.37 0.62 0.00	26.17 0.61 0.00	25.72 0.60 0.00	26.48 0.62 0.00	26.31 0.67 0.00	27.11 0.69 0.00	31.15 0.73 0.00	36.77 1.35 0.00	34.07 0.86 0.00	31.25 0.67 0.00	27.31 0.54 0.00	24.66 0.51 0.00	23.77 0.42 0.00	23.72 0.28 0.00
RIVERBAY____ 323610	24.83 1.73 -0.01	22.56 1.69 -0.01	21.74 1.59 -0.01	21.57 1.65 -0.01	21.42 1.62 -0.01	21.47 1.46 0.00	21.77 1.48 0.00	22.33 1.42 0.00	25.19 1.63 0.00	25.93 1.76 0.00	26.46 1.71 0.00	27.27 1.71 0.00	26.82 1.71 0.00	27.65 1.78 0.00	27.57 1.92 0.00	28.43 2.01 0.00	32.91 2.49 0.00	38.93 3.51 0.00	36.06 2.86 0.00	33.12 2.54 0.00	28.81 2.03 0.00	25.94 1.79 0.00	25.05 1.70 0.00	25.25 1.80 -0.01
RIVERSDE_115KV_TB3 55908	23.46 0.37 0.00	21.32 0.46 0.00	20.59 0.44 0.00	20.37 0.46 0.00	20.25 0.46 0.00	20.45 0.44 0.00	20.72 0.43 0.00	21.37 0.46 0.00	24.06 0.49 0.00	24.70 0.53 0.00	25.30 0.54 0.00	26.10 0.54 0.00	25.64 0.53 0.00	26.41 0.54 0.00	26.24 0.59 0.00	27.05 0.63 0.00	31.09 0.67 0.00	36.70 1.28 0.00	33.97 0.76 0.00	31.19 0.61 0.00	27.25 0.48 0.00	24.61 0.46 0.00	23.72 0.37 0.00	23.67 0.23 0.00
ROARING___BROOK_WT_PWR 323790	22.42 -0.67 0.00	20.25 -0.61 0.00	19.56 -0.58 0.00	19.32 -0.60 0.00	19.20 -0.59 0.00	19.41 -0.60 0.00	19.68 -0.61 0.00	20.30 -0.61 0.00	22.88 -0.68 0.00	23.49 -0.68 0.00	24.09 -0.67 0.00	24.90 -0.66 0.00	24.51 -0.60 0.00	25.24 -0.62 0.00	25.01 -0.64 0.00	25.73 -0.69 0.00	29.60 -0.82 0.00	34.26 -1.17 0.00	32.24 -0.96 0.00	29.69 -0.89 0.00	25.97 -0.80 0.00	23.43 -0.72 0.00	22.67 -0.68 0.00	22.81 -0.63 0.00
ROCHESRG_115KV_T4 355643	22.22 -0.88 0.00	19.94 -0.92 0.00	19.22 -0.93 0.00	18.96 -0.96 0.00	18.84 -0.95 0.00	19.15 -0.86 0.00	19.52 -0.77 0.00	19.84 -1.07 0.00	22.46 -1.11 0.00	22.96 -1.21 0.00	23.49 -1.26 0.00	24.31 -1.25 0.00	23.81 -1.31 0.00	24.52 -1.34 0.00	24.47 -1.18 0.00	25.23 -1.19 0.00	29.26 -1.16 0.00	33.97 -1.45 0.00	31.88 -1.33 0.00	29.54 -1.04 0.00	26.10 -0.67 0.00	23.62 -0.53 0.00	22.97 -0.37 0.00	23.16 -0.28 0.00
ROCHESTER_9_IC 23652	22.35 -0.74 0.00	20.05 -0.81 0.00	19.32 -0.83 0.00	19.06 -0.86 0.00	18.94 -0.85 0.00	19.23 -0.78 0.00	19.62 -0.67 0.00	19.97 -0.94 0.00	22.60 -0.97 0.00	23.11 -1.06 0.00	23.64 -1.11 0.00	24.46 -1.10 0.00	23.96 -1.16 0.00	24.67 -1.19 0.00	24.65 -1.00 0.00	25.39 -1.03 0.00	29.44 -0.97 0.00	34.22 -1.20 0.00	32.11 -1.10 0.00	29.76 -0.83 0.00	26.29 -0.48 0.00	23.79 -0.36 0.00	23.14 -0.21 0.00	23.32 -0.12 0.00
ROCKVIEW_13_KV_LD 356306	24.34 1.25 0.00	22.03 1.17 0.00	21.23 1.09 0.00	21.05 1.14 0.00	20.90 1.11 0.00	21.09 1.08 0.00	21.43 1.14 0.00	22.12 1.21 0.00	24.95 1.39 0.00	25.67 1.50 0.00	26.24 1.49 0.00	27.07 1.51 0.00	26.59 1.48 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.49 2.07 0.00	38.47 3.05 0.00	35.63 2.42 0.00	32.69 2.11 0.00	28.51 1.74 0.00	25.65 1.50 0.00	24.61 1.26 0.00	24.66 1.22 0.00
ROME_____115KV_TB2 80656	23.72 0.62 0.00	21.40 0.54 0.00	20.65 0.50 0.00	20.41 0.50 0.00	20.30 0.51 0.00	20.53 0.52 0.00	20.88 0.59 0.00	21.52 0.61 0.00	24.29 0.73 0.00	24.89 0.73 0.00	25.52 0.77 0.00	26.35 0.79 0.00	25.94 0.83 0.00	26.74 0.88 0.00	26.54 0.90 0.00	27.42 1.00 0.00	31.63 1.22 0.00	36.88 1.45 0.00	34.50 1.30 0.00	31.77 1.19 0.00	27.90 1.12 0.00	25.07 0.92 0.00	24.16 0.82 0.00	24.24 0.80 0.00



ROSETON___1 23587	24.09 0.99 0.00	21.80 0.94 0.00	21.01 0.87 0.00	20.81 0.90 0.00	20.68 0.89 0.00	20.87 0.86 0.00	21.18 0.89 0.00	21.85 0.94 0.00	24.72 1.15 0.00	25.38 1.21 0.00	25.94 1.19 0.00	26.81 1.25 0.00	26.39 1.28 0.00	27.18 1.32 0.00	26.95 1.31 0.00	27.77 1.35 0.00	32.00 1.58 0.00	37.84 2.41 0.00	35.06 1.86 0.00	32.17 1.59 0.00	28.08 1.31 0.00	25.31 1.16 0.00	24.28 0.93 0.00	24.33 0.89 0.00
ROSETON___2 23588	24.09 0.99 0.00	21.80 0.94 0.00	21.01 0.87 0.00	20.81 0.90 0.00	20.68 0.89 0.00	20.87 0.86 0.00	21.18 0.89 0.00	21.85 0.94 0.00	24.72 1.15 0.00	25.38 1.21 0.00	25.94 1.19 0.00	26.81 1.25 0.00	26.39 1.28 0.00	27.18 1.32 0.00	26.95 1.31 0.00	27.77 1.35 0.00	32.00 1.58 0.00	37.84 2.41 0.00	35.06 1.86 0.00	32.17 1.59 0.00	28.08 1.31 0.00	25.31 1.16 0.00	24.28 0.93 0.00	24.33 0.89 0.00
ROTTTRDAM_115KV_TB3 80664	23.79 0.69 0.00	21.51 0.65 0.00	20.77 0.62 0.00	20.55 0.64 0.00	20.40 0.61 0.00	20.63 0.62 0.00	20.90 0.61 0.00	21.54 0.63 0.00	24.29 0.73 0.00	24.92 0.75 0.00	25.52 0.77 0.00	26.35 0.79 0.00	25.87 0.75 0.00	26.67 0.80 0.00	26.49 0.85 0.00	27.32 0.90 0.00	31.45 1.03 0.00	36.99 1.56 0.00	34.37 1.16 0.00	31.56 0.98 0.00	27.60 0.83 0.00	24.90 0.75 0.00	23.98 0.63 0.00	24.02 0.59 0.00
RUSSELL___1 23602	22.45 -0.65 0.00	20.13 -0.73 0.00	19.40 -0.75 0.00	19.14 -0.78 0.00	19.02 -0.77 0.00	19.31 -0.70 0.00	19.70 -0.59 0.00	20.05 -0.86 0.00	22.71 -0.85 0.00	23.23 -0.94 0.00	23.76 -0.99 0.00	24.59 -0.97 0.00	24.08 -1.03 0.00	24.83 -1.03 0.00	24.77 -0.87 0.00	25.55 -0.87 0.00	29.63 -0.79 0.00	34.44 -0.99 0.00	32.31 -0.90 0.00	29.94 -0.64 0.00	26.45 -0.32 0.00	23.91 -0.24 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00
RUSSELL___2 23532	22.45 -0.65 0.00	20.13 -0.73 0.00	19.40 -0.75 0.00	19.14 -0.78 0.00	19.02 -0.77 0.00	19.31 -0.70 0.00	19.70 -0.59 0.00	20.05 -0.86 0.00	22.71 -0.85 0.00	23.23 -0.94 0.00	23.76 -0.99 0.00	24.59 -0.97 0.00	24.08 -1.03 0.00	24.83 -1.03 0.00	24.77 -0.87 0.00	25.55 -0.87 0.00	29.63 -0.79 0.00	34.44 -0.99 0.00	32.31 -0.90 0.00	29.94 -0.64 0.00	26.45 -0.32 0.00	23.91 -0.24 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00
RUSSELL___3 23549	22.45 -0.65 0.00	20.13 -0.73 0.00	19.40 -0.75 0.00	19.14 -0.78 0.00	19.02 -0.77 0.00	19.31 -0.70 0.00	19.70 -0.59 0.00	20.05 -0.86 0.00	22.71 -0.85 0.00	23.23 -0.94 0.00	23.76 -0.99 0.00	24.59 -0.97 0.00	24.08 -1.03 0.00	24.83 -1.03 0.00	24.77 -0.87 0.00	25.55 -0.87 0.00	29.63 -0.79 0.00	34.44 -0.99 0.00	32.31 -0.90 0.00	29.94 -0.64 0.00	26.45 -0.32 0.00	23.91 -0.24 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00
RUSSELL___4 23556	22.45 -0.65 0.00	20.13 -0.73 0.00	19.40 -0.75 0.00	19.14 -0.78 0.00	19.02 -0.77 0.00	19.31 -0.70 0.00	19.70 -0.59 0.00	20.05 -0.86 0.00	22.71 -0.85 0.00	23.23 -0.94 0.00	23.76 -0.99 0.00	24.59 -0.97 0.00	24.08 -1.03 0.00	24.83 -1.03 0.00	24.77 -0.87 0.00	25.55 -0.87 0.00	29.63 -0.79 0.00	34.44 -0.99 0.00	32.31 -0.90 0.00	29.94 -0.64 0.00	26.45 -0.32 0.00	23.91 -0.24 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00
RUSSELL___STATION 23914	22.45 -0.65 0.00	20.13 -0.73 0.00	19.40 -0.75 0.00	19.14 -0.78 0.00	19.02 -0.77 0.00	19.31 -0.70 0.00	19.70 -0.59 0.00	20.05 -0.86 0.00	22.71 -0.85 0.00	23.23 -0.94 0.00	23.76 -0.99 0.00	24.59 -0.97 0.00	24.08 -1.03 0.00	24.83 -1.03 0.00	24.77 -0.87 0.00	25.55 -0.87 0.00	29.63 -0.79 0.00	34.44 -0.99 0.00	32.31 -0.90 0.00	29.94 -0.64 0.00	26.45 -0.32 0.00	23.91 -0.24 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00
S SALMON___HYD 24043	22.65 -0.44 0.00	20.44 -0.42 0.00	19.72 -0.42 0.00	19.49 -0.42 0.00	19.37 -0.42 0.00	19.61 -0.40 0.00	19.88 -0.41 0.00	20.49 -0.42 0.00	23.07 -0.50 0.00	23.66 -0.51 0.00	24.28 -0.47 0.00	25.05 -0.51 0.00	24.58 -0.53 0.00	25.35 -0.52 0.00	25.13 -0.51 0.00	25.95 -0.47 0.00	29.93 -0.49 0.00	34.97 -0.46 0.00	32.74 -0.46 0.00	30.15 -0.43 0.00	26.53 -0.24 0.00	23.87 -0.29 0.00	23.09 -0.26 0.00	23.20 -0.23 0.00
S.PERRY___115KV_TB1 80734	23.37 0.28 0.00	20.96 0.10 0.00	20.18 0.04 0.00	19.91 0.00 0.00	19.81 0.02 0.00	20.13 0.12 0.00	20.55 0.26 0.00	21.04 0.13 0.00	23.82 0.26 0.00	24.31 0.15 0.00	24.80 0.05 0.00	25.61 0.05 0.00	25.09 -0.03 0.00	25.84 -0.03 0.00	25.77 0.13 0.00	26.79 0.37 0.00	31.27 0.85 0.00	36.45 1.03 0.00	34.33 1.13 0.00	31.84 1.25 0.00	28.11 1.34 0.00	25.39 1.23 0.00	24.56 1.21 0.00	24.66 1.22 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.78 -1.32 0.00	19.48 -1.38 0.00	18.75 -1.39 0.00	18.48 -1.43 0.00	18.37 -1.42 0.00	18.69 -1.32 0.00	19.09 -1.20 0.00	19.18 -1.74 0.00	21.72 -1.84 0.00	22.16 -2.01 0.00	22.63 -2.13 0.00	23.44 -2.12 0.00	22.93 -2.18 0.00	23.61 -2.25 0.00	23.75 -1.90 0.00	24.47 -1.96 0.00	28.56 -1.86 0.00	33.05 -2.37 0.00	30.98 -2.22 0.00	28.90 -1.68 0.00	25.73 -1.04 0.00	23.33 -0.82 0.00	22.81 -0.54 0.00	23.09 -0.35 0.00
SAWYER___23_KV_LOAD 55526	21.78 -1.32 0.00	19.48 -1.38 0.00	18.75 -1.39 0.00	18.48 -1.43 0.00	18.37 -1.42 0.00	18.69 -1.32 0.00	19.09 -1.20 0.00	19.18 -1.74 0.00	21.72 -1.84 0.00	22.16 -2.01 0.00	22.63 -2.13 0.00	23.44 -2.12 0.00	22.93 -2.18 0.00	23.61 -2.25 0.00	23.75 -1.90 0.00	24.47 -1.96 0.00	28.56 -1.86 0.00	33.05 -2.37 0.00	30.98 -2.22 0.00	28.90 -1.68 0.00	25.73 -1.04 0.00	23.33 -0.82 0.00	22.81 -0.54 0.00	23.09 -0.35 0.00
SELKIRK___I 23801	23.67 0.58 0.00	21.44 0.58 0.00	20.73 0.58 0.00	20.51 0.60 0.00	20.38 0.59 0.00	20.59 0.58 0.00	20.84 0.55 0.00	21.50 0.58 0.00	24.25 0.68 0.00	24.85 0.68 0.00	25.45 0.69 0.00	26.28 0.71 0.00	25.84 0.73 0.00	26.61 0.75 0.00	26.39 0.74 0.00	27.21 0.79 0.00	31.30 0.88 0.00	36.81 1.38 0.00	34.17 0.96 0.00	31.38 0.79 0.00	27.44 0.67 0.00	24.78 0.63 0.00	23.88 0.54 0.00	23.86 0.42 0.00
SELKIRK___II 23799	23.51 0.42 0.00	21.32 0.46 0.00	20.61 0.46 0.00	20.39 0.48 0.00	20.26 0.47 0.00	20.47 0.46 0.00	20.72 0.43 0.00	21.39 0.48 0.00	24.13 0.56 0.00	24.73 0.56 0.00	25.30 0.54 0.00	26.12 0.56 0.00	25.72 0.60 0.00	26.48 0.62 0.00	26.24 0.59 0.00	27.05 0.63 0.00	31.12 0.70 0.00	36.63 1.21 0.00	34.00 0.80 0.00	31.22 0.64 0.00	27.28 0.51 0.00	24.64 0.48 0.00	23.74 0.40 0.00	23.72 0.28 0.00
SENECA OSWGO___HYD 24041	22.61 -0.49 0.00	20.40 -0.46 0.00	19.70 -0.44 0.00	19.46 -0.46 0.00	19.34 -0.45 0.00	19.57 -0.44 0.00	19.88 -0.41 0.00	20.47 -0.44 0.00	23.02 -0.54 0.00	23.61 -0.55 0.00	24.21 -0.54 0.00	24.95 -0.61 0.00	24.46 -0.65 0.00	25.19 -0.67 0.00	24.98 -0.67 0.00	25.76 -0.66 0.00	29.72 -0.70 0.00	34.75 -0.67 0.00	32.51 -0.70 0.00	29.94 -0.64 0.00	26.26 -0.51 0.00	23.70 -0.46 0.00	23.00 -0.35 0.00	23.11 -0.33 0.00



SENECA___115KV_TB3 355854	22.03 -1.06 0.00	19.71 -1.15 0.00	18.97 -1.17 0.00	18.70 -1.21 0.00	18.58 -1.21 0.00	18.91 -1.10 0.00	19.34 -0.95 0.00	19.43 -1.48 0.00	21.98 -1.58 0.00	22.45 -1.72 0.00	22.95 -1.81 0.00	23.75 -1.81 0.00	23.23 -1.88 0.00	23.95 -1.91 0.00	24.06 -1.59 0.00	24.84 -1.59 0.00	29.02 -1.40 0.00	33.66 -1.77 0.00	31.55 -1.66 0.00	29.39 -1.19 0.00	26.21 -0.56 0.00	23.77 -0.39 0.00	23.23 -0.12 0.00	23.46 0.02 0.00
SENECA___ENERGY 23797	22.98 -0.11 0.00	20.67 -0.19 0.00	19.94 -0.20 0.00	19.69 -0.22 0.00	19.57 -0.22 0.00	19.87 -0.14 0.00	20.23 -0.06 0.00	20.79 -0.12 0.00	23.45 -0.12 0.00	24.07 -0.10 0.00	24.68 -0.07 0.00	25.38 -0.18 0.00	24.89 -0.23 0.00	25.68 -0.18 0.00	25.52 -0.13 0.00	26.37 -0.05 0.00	30.54 0.12 0.00	35.61 0.18 0.00	33.41 0.20 0.00	30.86 0.27 0.00	27.18 0.40 0.00	24.49 0.34 0.00	23.70 0.35 0.00	23.79 0.35 0.00
SHOEMAKER___GT 23640	23.95 0.85 0.00	21.67 0.81 0.00	20.89 0.75 0.00	20.69 0.78 0.00	20.56 0.77 0.00	20.77 0.76 0.00	21.06 0.77 0.00	21.73 0.81 0.00	24.53 0.97 0.00	25.16 0.99 0.00	25.72 0.96 0.00	26.58 1.02 0.00	26.14 1.03 0.00	26.92 1.06 0.00	26.72 1.08 0.00	27.56 1.14 0.00	31.75 1.34 0.00	37.48 2.05 0.00	34.80 1.59 0.00	31.96 1.38 0.00	27.92 1.15 0.00	25.17 1.01 0.00	24.16 0.82 0.00	24.21 0.77 0.00
SHOEMAKR_138KV_BK 111 55601	23.95 0.85 0.00	21.65 0.79 0.00	20.89 0.75 0.00	20.69 0.78 0.00	20.56 0.77 0.00	20.75 0.74 0.00	21.06 0.77 0.00	21.73 0.82 0.00	24.48 0.92 0.00	25.14 0.97 0.00	25.70 0.94 0.00	26.51 0.95 0.00	26.04 0.93 0.00	26.85 0.98 0.00	26.72 1.08 0.00	27.58 1.16 0.00	31.76 1.34 0.00	37.48 2.05 0.00	34.80 1.59 0.00	31.96 1.38 0.00	27.92 1.15 0.00	25.15 0.99 0.00	24.16 0.82 0.00	24.21 0.77 0.00
SHOREHAM_IC_1 23715	25.26 2.17 0.00	22.82 1.96 0.00	21.92 1.77 0.00	21.72 1.81 0.00	21.59 1.80 0.00	21.77 1.76 0.00	22.22 1.93 0.00	22.86 1.95 0.00	26.04 2.47 0.00	26.52 2.34 -0.01	26.89 2.13 -0.01	32.89 1.94 -5.39	32.99 2.01 -5.87	33.51 2.09 -5.56	33.51 2.10 -5.76	34.76 2.27 -6.07	43.80 3.26 -10.13	49.59 4.07 -10.09	45.65 3.55 -8.89	42.18 3.42 -8.17	34.96 2.49 -5.70	32.19 2.08 -5.95	29.97 2.06 -4.56	25.64 2.20 0.00
SHOREHAM_IC_2 23716	25.26 2.17 0.00	22.82 1.96 0.00	21.92 1.77 0.00	21.72 1.81 0.00	21.59 1.80 0.00	21.77 1.76 0.00	22.22 1.93 0.00	22.86 1.95 0.00	26.04 2.47 0.00	26.52 2.34 -0.01	26.89 2.13 -0.01	32.89 1.94 -5.39	32.99 2.01 -5.87	33.51 2.09 -5.56	33.51 2.10 -5.76	34.76 2.27 -6.07	43.80 3.26 -10.13	49.59 4.07 -10.09	45.65 3.55 -8.89	42.18 3.42 -8.17	34.96 2.49 -5.70	32.19 2.08 -5.95	29.97 2.06 -4.56	25.64 2.20 0.00
SISSONVILLE____ 23735	22.86 -0.23 0.00	20.59 -0.27 0.00	19.88 -0.26 0.00	19.61 -0.30 0.00	19.49 -0.30 0.00	19.53 -0.48 0.00	19.70 -0.59 0.00	20.39 -0.52 0.00	23.00 -0.57 0.00	23.61 -0.56 0.00	24.21 -0.54 0.00	25.18 -0.38 0.00	24.79 -0.33 0.00	25.53 -0.34 0.00	25.24 -0.41 0.00	25.94 -0.48 0.00	29.69 -0.73 0.00	33.87 -1.56 0.00	32.14 -1.06 0.00	29.85 -0.73 0.00	26.13 -0.64 0.00	23.45 -0.70 0.00	22.76 -0.58 0.00	23.11 -0.33 0.00
SITHE_IND_GS1 24169	22.40 -0.69 0.00	20.21 -0.65 0.00	19.52 -0.62 0.00	19.27 -0.64 0.00	19.18 -0.61 0.00	19.39 -0.62 0.00	19.70 -0.59 0.00	20.26 -0.65 0.00	22.74 -0.83 0.00	23.32 -0.85 0.00	23.89 -0.87 0.00	24.64 -0.92 0.00	24.13 -0.98 0.00	24.85 -1.01 0.00	24.67 -0.97 0.00	25.42 -1.00 0.00	29.32 -1.09 0.00	34.22 -1.20 0.00	32.01 -1.19 0.00	29.51 -1.07 0.00	25.86 -0.91 0.00	23.38 -0.77 0.00	22.72 -0.63 0.00	22.88 -0.56 0.00
SITHE_IND_GS2 24170	22.40 -0.69 0.00	20.21 -0.65 0.00	19.52 -0.62 0.00	19.27 -0.64 0.00	19.18 -0.61 0.00	19.39 -0.62 0.00	19.70 -0.59 0.00	20.26 -0.65 0.00	22.74 -0.83 0.00	23.32 -0.85 0.00	23.89 -0.87 0.00	24.64 -0.92 0.00	24.13 -0.98 0.00	24.85 -1.01 0.00	24.67 -0.97 0.00	25.42 -1.00 0.00	29.32 -1.09 0.00	34.22 -1.20 0.00	32.01 -1.19 0.00	29.51 -1.07 0.00	25.86 -0.91 0.00	23.38 -0.77 0.00	22.72 -0.63 0.00	22.88 -0.56 0.00
SITHE_IND_GS3 24171	22.40 -0.69 0.00	20.21 -0.65 0.00	19.52 -0.62 0.00	19.27 -0.64 0.00	19.18 -0.61 0.00	19.39 -0.62 0.00	19.70 -0.59 0.00	20.26 -0.65 0.00	22.74 -0.83 0.00	23.32 -0.85 0.00	23.89 -0.87 0.00	24.64 -0.92 0.00	24.13 -0.98 0.00	24.85 -1.01 0.00	24.67 -0.97 0.00	25.42 -1.00 0.00	29.32 -1.09 0.00	34.22 -1.20 0.00	32.01 -1.19 0.00	29.51 -1.07 0.00	25.86 -0.91 0.00	23.38 -0.77 0.00	22.72 -0.63 0.00	22.88 -0.56 0.00
SITHE_IND_GS4 24172	22.40 -0.69 0.00	20.21 -0.65 0.00	19.52 -0.62 0.00	19.27 -0.64 0.00	19.18 -0.61 0.00	19.39 -0.62 0.00	19.70 -0.59 0.00	20.26 -0.65 0.00	22.74 -0.83 0.00	23.32 -0.85 0.00	23.89 -0.87 0.00	24.64 -0.92 0.00	24.13 -0.98 0.00	24.85 -1.01 0.00	24.67 -0.97 0.00	25.42 -1.00 0.00	29.32 -1.09 0.00	34.22 -1.20 0.00	32.01 -1.19 0.00	29.51 -1.07 0.00	25.86 -0.91 0.00	23.38 -0.77 0.00	22.72 -0.63 0.00	22.88 -0.56 0.00
SITHE___BATAVIA 24024	22.33 -0.76 0.00	19.96 -0.90 0.00	19.22 -0.93 0.00	18.94 -0.98 0.00	18.84 -0.95 0.00	19.15 -0.86 0.00	19.58 -0.71 0.00	19.74 -1.17 0.00	22.36 -1.20 0.00	22.96 -1.21 0.00	23.54 -1.21 0.00	24.10 -1.46 0.00	23.61 -1.51 0.00	24.49 -1.37 0.00	24.47 -1.18 0.00	25.21 -1.21 0.00	29.38 -1.03 0.00	34.22 -1.20 0.00	32.04 -1.16 0.00	29.79 -0.80 0.00	26.45 -0.32 0.00	23.96 -0.19 0.00	23.35 0.00 0.00	23.58 0.14 0.00
SITHE___INDEPEND 23800	22.40 -0.69 0.00	20.21 -0.65 0.00	19.52 -0.62 0.00	19.28 -0.64 0.00	19.16 -0.63 0.00	19.39 -0.62 0.00	19.70 -0.59 0.00	20.26 -0.65 0.00	22.81 -0.75 0.00	23.37 -0.80 0.00	23.94 -0.82 0.00	24.72 -0.84 0.00	24.26 -0.85 0.00	24.98 -0.88 0.00	24.70 -0.95 0.00	25.42 -1.00 0.00	29.32 -1.10 0.00	34.22 -1.20 0.00	32.01 -1.20 0.00	29.51 -1.07 0.00	25.86 -0.91 0.00	23.38 -0.77 0.00	22.72 -0.63 0.00	22.88 -0.56 0.00
SITHE___MASSENA 23902	23.16 0.07 0.00	20.88 0.02 0.00	20.16 0.02 0.00	19.89 -0.02 0.00	19.77 -0.02 0.00	19.97 -0.04 0.00	20.21 -0.08 0.00	20.89 -0.02 0.00	23.54 -0.02 0.00	24.15 -0.02 0.00	24.78 0.02 0.00	25.61 0.05 0.00	25.19 0.08 0.00	25.97 0.10 0.00	25.70 0.05 0.00	26.42 0.00 0.00	30.33 -0.09 0.00	34.68 -0.75 0.00	32.87 -0.33 0.00	30.52 -0.06 0.00	26.69 -0.08 0.00	24.03 -0.12 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00
SITHE___OGDNSBRG 24021	23.30 0.21 0.00	20.98 0.13 0.00	20.26 0.12 0.00	19.99 0.08 0.00	19.89 0.10 0.00	20.01 0.00 0.00	20.25 -0.04 0.00	20.95 0.04 0.00	23.63 0.07 0.00	24.24 0.07 0.00	24.88 0.12 0.00	25.79 0.23 0.00	25.36 0.25 0.00	26.15 0.28 0.00	25.85 0.21 0.00	26.61 0.18 0.00	30.51 0.09 0.00	34.83 -0.60 0.00	33.07 -0.13 0.00	30.70 0.12 0.00	26.91 0.13 0.00	24.13 -0.02 0.00	23.35 0.00 0.00	23.56 0.12 0.00



SITHE___STERLING 23777	23.60 0.51 0.00	21.30 0.44 0.00	20.57 0.42 0.00	20.33 0.42 0.00	20.21 0.42 0.00	20.47 0.46 0.00	20.82 0.53 0.00	21.43 0.52 0.00	24.17 0.61 0.00	24.80 0.63 0.00	25.42 0.67 0.00	26.20 0.64 0.00	25.77 0.65 0.00	26.59 0.72 0.00	26.39 0.74 0.00	27.24 0.82 0.00	31.39 0.97 0.00	36.63 1.21 0.00	34.24 1.03 0.00	31.53 0.95 0.00	27.68 0.91 0.00	24.88 0.72 0.00	24.02 0.68 0.00	24.12 0.68 0.00
SLEIGHT__34_KV_TB1 80719	22.52 -0.58 0.00	20.23 -0.63 0.00	19.50 -0.64 0.00	19.24 -0.68 0.00	19.14 -0.65 0.00	19.41 -0.60 0.00	19.78 -0.51 0.00	20.26 -0.65 0.00	22.93 -0.64 0.00	23.47 -0.70 0.00	24.06 -0.69 0.00	24.84 -0.72 0.00	24.36 -0.75 0.00	25.09 -0.78 0.00	24.95 -0.69 0.00	25.76 -0.66 0.00	29.81 -0.61 0.00	34.72 -0.71 0.00	32.54 -0.66 0.00	30.09 -0.49 0.00	26.51 -0.27 0.00	23.91 -0.24 0.00	23.21 -0.14 0.00	23.34 -0.09 0.00
SOUTH CAIRO___GT 23612	24.36 1.27 0.00	22.07 1.21 0.00	21.31 1.17 0.00	21.07 1.15 0.00	20.96 1.17 0.00	21.23 1.22 0.00	21.47 1.18 0.00	22.12 1.21 0.00	25.05 1.49 0.00	25.60 1.43 0.00	26.17 1.41 0.00	27.04 1.48 0.00	26.54 1.43 0.00	27.44 1.58 0.00	27.26 1.62 0.00	28.16 1.74 0.00	32.43 2.01 0.00	38.23 2.80 0.00	35.46 2.26 0.00	32.51 1.93 0.00	28.46 1.69 0.00	25.58 1.42 0.00	24.56 1.21 0.00	24.49 1.06 0.00
SOUTH HAMPTN___IC 23720	25.54 2.45 0.00	23.05 2.19 0.00	22.16 2.01 0.00	21.94 2.03 0.00	21.81 2.02 0.00	21.99 1.98 0.00	22.44 2.15 0.00	23.09 2.17 0.00	26.29 2.73 0.00	26.81 2.63 -0.01	27.26 2.50 -0.01	33.33 2.38 -5.39	33.39 2.41 -5.87	33.93 2.51 -5.56	33.94 2.54 -5.76	35.21 2.72 -6.07	44.22 3.68 -10.13	50.16 4.64 -10.09	46.15 4.05 -8.89	42.60 3.85 -8.17	35.36 2.89 -5.70	32.57 2.47 -5.95	30.27 2.36 -4.56	25.90 2.46 0.00
SOUTHDOW_115KV_TB1 355954	22.63 -0.46 0.00	20.13 -0.73 0.00	19.36 -0.79 0.00	19.18 -0.74 0.00	18.96 -0.83 0.00	19.29 -0.72 0.00	19.84 -0.45 0.00	19.89 -1.02 0.00	22.53 -1.04 0.00	22.99 -1.18 0.00	23.52 -1.24 0.00	24.36 -1.20 0.00	23.81 -1.31 0.00	24.57 -1.29 0.00	24.70 -0.95 0.00	25.58 -0.85 0.00	30.05 -0.37 0.00	35.04 -0.39 0.00	32.91 -0.30 0.00	30.70 0.12 0.00	27.39 0.62 0.00	24.83 0.68 0.00	24.21 0.86 0.00	24.40 0.96 0.00
SOUTHOLD_69_KV_BK 2 55809	25.93 2.84 0.00	23.38 2.52 0.00	22.46 2.32 0.00	22.26 2.35 0.00	22.15 2.36 0.00	22.31 2.30 0.00	22.64 2.35 0.00	23.44 2.53 0.00	26.46 2.90 0.00	27.17 3.00 0.00	27.60 2.85 0.00	33.69 2.73 -5.39	33.72 2.74 -5.87	34.27 2.84 -5.56	34.40 3.00 -5.76	35.71 3.22 -6.06	44.80 4.26 -10.13	51.01 5.49 -10.09	46.88 4.78 -8.89	43.22 4.46 -8.17	35.90 3.43 -5.70	33.02 2.92 -5.95	30.68 2.78 -4.56	26.30 2.86 0.00
SOUTHOLD___IC 23719	25.93 2.84 0.00	23.38 2.52 0.00	22.46 2.32 0.00	22.26 2.35 0.00	22.10 2.31 0.00	22.31 2.30 0.00	22.76 2.47 0.00	23.44 2.53 0.00	26.67 3.11 0.00	27.22 3.05 -0.01	27.68 2.92 -0.01	33.79 2.84 -5.39	33.84 2.86 -5.87	34.42 3.00 -5.56	34.40 3.00 -5.76	35.73 3.25 -6.07	44.86 4.32 -10.13	50.94 5.42 -10.09	46.88 4.78 -8.89	43.22 4.46 -8.17	35.90 3.43 -5.70	33.03 2.92 -5.95	30.69 2.78 -4.56	26.30 2.86 0.00
SOUTH_FORK_WT_PWR 323839	25.96 2.86 0.00	23.42 2.56 0.00	22.50 2.36 0.00	22.28 2.37 0.00	22.14 2.35 0.00	22.33 2.32 0.00	22.78 2.49 0.00	23.46 2.55 0.00	26.70 3.13 0.00	27.25 3.07 -0.01	27.71 2.94 -0.01	33.81 2.86 -5.39	33.89 2.91 -5.87	34.44 3.02 -5.56	34.45 3.05 -5.76	35.76 3.28 -6.07	44.89 4.35 -10.13	50.98 5.45 -10.09	46.91 4.81 -8.89	43.28 4.53 -8.17	35.95 3.48 -5.70	33.05 2.95 -5.95	30.74 2.82 -4.56	26.32 2.88 0.00
SPIERFLS_115KV_TB 1 80737	24.43 1.34 0.00	22.09 1.23 0.00	21.31 1.17 0.00	21.07 1.15 0.00	20.78 0.99 0.00	21.01 1.00 0.00	21.30 1.01 0.00	21.85 0.94 0.00	24.72 1.15 0.00	25.38 1.21 0.00	26.04 1.29 0.00	26.89 1.33 0.00	26.37 1.26 0.00	27.18 1.32 0.00	27.00 1.36 0.00	27.95 1.53 0.00	32.18 1.76 0.00	37.91 2.48 0.00	35.07 1.86 0.00	32.17 1.59 0.00	28.14 1.37 0.00	25.51 1.35 0.00	24.54 1.19 0.00	24.56 1.13 0.00
ST LAWRENCE___ 23600	22.91 -0.19 0.00	20.65 -0.21 0.00	19.94 -0.20 0.00	19.69 -0.22 0.00	19.59 -0.20 0.00	19.79 -0.22 0.00	20.05 -0.24 0.00	20.70 -0.21 0.00	23.33 -0.24 0.00	23.93 -0.24 0.00	24.53 -0.22 0.00	25.36 -0.21 0.00	24.94 -0.17 0.00	25.68 -0.18 0.00	25.44 -0.21 0.00	26.16 -0.26 0.00	30.05 -0.36 0.00	34.47 -0.95 0.00	32.64 -0.56 0.00	30.18 -0.40 0.00	26.40 -0.37 0.00	23.79 -0.36 0.00	23.02 -0.33 0.00	23.13 -0.31 0.00
STATE_CA_115KV_115_LB 55624	23.53 0.44 0.00	21.36 0.50 0.00	20.65 0.50 0.00	20.41 0.50 0.00	20.28 0.49 0.00	20.51 0.50 0.00	20.76 0.47 0.00	21.43 0.52 0.00	24.13 0.57 0.00	24.70 0.53 0.00	25.30 0.54 0.00	26.10 0.54 0.00	25.64 0.53 0.00	26.43 0.57 0.00	26.26 0.62 0.00	27.08 0.66 0.00	31.15 0.73 0.00	36.70 1.28 0.00	34.00 0.80 0.00	31.22 0.64 0.00	27.28 0.51 0.00	24.64 0.48 0.00	23.74 0.40 0.00	23.70 0.26 0.00
STATE_ST_34_KV_LOAD 55959	23.28 0.18 0.00	20.96 0.10 0.00	20.22 0.08 0.00	19.95 0.04 0.00	19.85 0.06 0.00	20.13 0.12 0.00	20.49 0.20 0.00	21.08 0.17 0.00	23.82 0.26 0.00	24.44 0.27 0.00	25.03 0.27 0.00	25.84 0.28 0.00	25.34 0.23 0.00	26.10 0.23 0.00	25.90 0.26 0.00	26.76 0.34 0.00	30.97 0.55 0.00	36.10 0.67 0.00	33.87 0.66 0.00	31.22 0.64 0.00	27.44 0.67 0.00	24.71 0.56 0.00	23.88 0.54 0.00	23.98 0.54 0.00
STATION 5_MISC_HYD 23604	22.35 -0.74 0.00	20.05 -0.81 0.00	19.34 -0.81 0.00	19.06 -0.86 0.00	18.96 -0.83 0.00	19.23 -0.78 0.00	19.62 -0.67 0.00	19.97 -0.94 0.00	22.55 -1.01 0.00	23.16 -1.01 0.00	23.74 -1.02 0.00	24.39 -1.18 0.00	23.91 -1.20 0.00	24.75 -1.11 0.00	24.64 -1.00 0.00	25.39 -1.03 0.00	29.41 -1.00 0.00	34.29 -1.14 0.00	32.11 -1.09 0.00	29.76 -0.82 0.00	26.29 -0.48 0.00	23.79 -0.36 0.00	23.14 -0.21 0.00	23.32 -0.12 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.84 -0.25 0.00	20.50 -0.35 0.00	19.76 -0.38 0.00	19.49 -0.42 0.00	19.39 -0.40 0.00	19.69 -0.32 0.00	20.07 -0.22 0.00	20.53 -0.38 0.00	23.23 -0.33 0.00	23.81 -0.36 0.00	24.36 -0.40 0.00	25.18 -0.38 0.00	24.66 -0.45 0.00	25.40 -0.47 0.00	25.31 -0.33 0.00	26.13 -0.29 0.00	30.27 -0.15 0.00	35.21 -0.21 0.00	33.04 -0.17 0.00	30.58 0.00 0.00	26.93 0.16 0.00	24.32 0.17 0.00	23.58 0.23 0.00	23.70 0.26 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.29 -0.81 0.00	19.98 -0.88 0.00	19.26 -0.89 0.00	19.00 -0.92 0.00	18.90 -0.89 0.00	19.19 -0.82 0.00	19.56 -0.73 0.00	19.93 -0.98 0.00	22.55 -1.01 0.00	23.08 -1.09 0.00	23.62 -1.14 0.00	24.41 -1.15 0.00	23.93 -1.18 0.00	24.65 -1.22 0.00	24.59 -1.05 0.00	25.34 -1.08 0.00	29.38 -1.03 0.00	34.15 -1.28 0.00	32.04 -1.16 0.00	29.69 -0.89 0.00	26.18 -0.59 0.00	23.70 -0.46 0.00	23.02 -0.33 0.00	23.20 -0.23 0.00



STA_56___34_KV_BUS2 355983	22.29 -0.81 0.00	19.98 -0.88 0.00	19.26 -0.89 0.00	19.00 -0.92 0.00	18.90 -0.89 0.00	19.19 -0.82 0.00	19.56 -0.73 0.00	19.93 -0.98 0.00	22.55 -1.01 0.00	23.08 -1.09 0.00	23.62 -1.14 0.00	24.41 -1.15 0.00	23.93 -1.18 0.00	24.65 -1.22 0.00	24.59 -1.05 0.00	25.34 -1.08 0.00	29.38 -1.03 0.00	34.15 -1.28 0.00	32.04 -1.16 0.00	29.69 -0.89 0.00	26.18 -0.59 0.00	23.70 -0.46 0.00	23.02 -0.33 0.00	23.20 -0.23 0.00
STA_67___115KV_BK2 355882	22.31 -0.79 0.00	20.00 -0.86 0.00	19.28 -0.87 0.00	19.02 -0.90 0.00	18.92 -0.87 0.00	19.21 -0.80 0.00	19.58 -0.71 0.00	19.93 -0.98 0.00	22.55 -1.01 0.00	23.06 -1.11 0.00	23.59 -1.16 0.00	24.38 -1.18 0.00	23.91 -1.21 0.00	24.62 -1.24 0.00	24.57 -1.08 0.00	25.34 -1.08 0.00	29.38 -1.03 0.00	34.15 -1.28 0.00	32.01 -1.20 0.00	29.69 -0.89 0.00	26.21 -0.56 0.00	23.72 -0.43 0.00	23.07 -0.28 0.00	23.25 -0.19 0.00
STA_7___115KV_9TRANS 80674	22.45 -0.65 0.00	20.13 -0.73 0.00	19.40 -0.75 0.00	19.14 -0.78 0.00	19.02 -0.77 0.00	19.31 -0.70 0.00	19.70 -0.59 0.00	20.05 -0.86 0.00	22.71 -0.85 0.00	23.23 -0.94 0.00	23.76 -0.99 0.00	24.59 -0.97 0.00	24.08 -1.03 0.00	24.83 -1.03 0.00	24.77 -0.87 0.00	25.55 -0.87 0.00	29.63 -0.79 0.00	34.44 -0.99 0.00	32.31 -0.90 0.00	29.94 -0.64 0.00	26.45 -0.32 0.00	23.91 -0.24 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00
STA_82___115KV_TB1 80780	22.31 -0.79 0.00	20.03 -0.83 0.00	19.30 -0.85 0.00	19.04 -0.88 0.00	18.92 -0.87 0.00	19.21 -0.80 0.00	19.60 -0.69 0.00	19.93 -0.98 0.00	22.57 -0.99 0.00	23.08 -1.09 0.00	23.62 -1.14 0.00	24.41 -1.15 0.00	23.91 -1.21 0.00	24.65 -1.22 0.00	24.59 -1.05 0.00	25.36 -1.06 0.00	29.41 -1.00 0.00	34.15 -1.28 0.00	32.04 -1.16 0.00	29.73 -0.86 0.00	26.24 -0.54 0.00	23.74 -0.41 0.00	23.09 -0.26 0.00	23.27 -0.16 0.00
STEEL___WIND 323596	22.01 -1.09 0.00	19.69 -1.17 0.00	18.95 -1.19 0.00	18.68 -1.23 0.00	18.56 -1.23 0.00	18.91 -1.10 0.00	19.32 -0.97 0.00	19.41 -1.51 0.00	21.94 -1.63 0.00	22.55 -1.62 0.00	23.12 -1.63 0.00	23.70 -1.86 0.00	23.23 -1.88 0.00	24.10 -1.76 0.00	24.06 -1.59 0.00	24.81 -1.61 0.00	28.96 -1.46 0.00	33.69 -1.74 0.00	31.51 -1.69 0.00	29.36 -1.22 0.00	26.18 -0.59 0.00	23.74 -0.41 0.00	23.18 -0.16 0.00	23.44 0.00 0.00
STEPHTWN_115KV_BK_2 55603	23.74 0.65 0.00	21.53 0.67 0.00	20.79 0.64 0.00	20.57 0.66 0.00	20.46 0.67 0.00	20.69 0.68 0.00	20.96 0.67 0.00	21.64 0.73 0.00	24.36 0.80 0.00	24.94 0.77 0.00	25.57 0.82 0.00	26.38 0.82 0.00	25.89 0.78 0.00	26.69 0.83 0.00	26.54 0.90 0.00	27.37 0.95 0.00	31.48 1.06 0.00	37.13 1.70 0.00	34.37 1.16 0.00	31.56 0.98 0.00	27.60 0.83 0.00	24.90 0.75 0.00	23.98 0.63 0.00	23.93 0.49 0.00
STEUBEN_REC_LFGE 323667	23.21 0.12 0.00	20.86 0.00 0.00	20.12 -0.02 0.00	19.85 -0.06 0.00	19.75 -0.04 0.00	20.09 0.08 0.00	20.49 0.20 0.00	21.04 0.13 0.00	23.77 0.21 0.00	24.31 0.15 0.00	24.85 0.10 0.00	25.66 0.10 0.00	25.21 0.10 0.00	26.02 0.16 0.00	25.95 0.31 0.00	26.95 0.53 0.00	31.39 0.97 0.00	36.60 1.17 0.00	34.53 1.33 0.00	32.02 1.44 0.00	28.33 1.55 0.00	25.60 1.45 0.00	24.77 1.42 0.00	24.82 1.38 0.00
STILLWATER___SOLAR 323814	24.20 1.11 0.00	21.90 1.04 0.00	21.13 0.99 0.00	20.89 0.98 0.00	20.72 0.93 0.00	20.95 0.94 0.00	21.22 0.93 0.00	21.87 0.96 0.00	24.72 1.15 0.00	25.35 1.18 0.00	25.99 1.24 0.00	26.86 1.30 0.00	26.39 1.28 0.00	27.18 1.32 0.00	26.95 1.31 0.00	27.85 1.43 0.00	32.03 1.61 0.00	37.70 2.27 0.00	34.93 1.73 0.00	32.05 1.47 0.00	28.03 1.26 0.00	25.31 1.16 0.00	24.33 0.98 0.00	24.35 0.91 0.00
STONY___BROOK 24151	25.13 2.03 0.00	22.70 1.84 0.00	21.81 1.67 0.00	21.60 1.69 0.00	21.47 1.68 0.00	21.65 1.64 0.00	22.05 1.76 0.00	22.75 1.84 0.00	25.85 2.28 0.00	26.48 2.30 -0.01	27.02 2.25 -0.01	33.20 2.25 -5.39	33.24 2.26 -5.87	33.77 2.35 -5.56	33.79 2.39 -5.76	35.00 2.51 -6.07	43.71 3.16 -10.13	49.74 4.21 -10.09	45.65 3.55 -8.89	41.99 3.24 -8.17	35.06 2.60 -5.70	32.35 2.25 -5.95	29.97 2.06 -4.56	25.48 2.04 0.00
STURGEON_POOL_HYD 23609	24.18 1.09 0.00	21.84 0.98 0.00	21.09 0.95 0.00	20.89 0.98 0.00	20.76 0.97 0.00	20.95 0.94 0.00	21.24 0.95 0.00	21.89 0.98 0.00	24.72 1.15 0.00	25.40 1.23 0.00	25.97 1.21 0.00	26.76 1.20 0.00	26.29 1.18 0.00	27.10 1.24 0.00	27.03 1.38 0.00	27.87 1.45 0.00	32.09 1.67 0.00	37.94 2.52 0.00	35.20 1.99 0.00	32.32 1.74 0.00	28.22 1.45 0.00	25.41 1.26 0.00	24.37 1.03 0.00	24.45 1.01 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.04 0.95 0.00	21.76 0.90 0.00	20.97 0.83 0.00	20.77 0.86 0.00	20.64 0.85 0.00	20.83 0.82 0.00	21.14 0.85 0.00	21.81 0.90 0.00	24.60 1.04 0.00	25.28 1.11 0.00	25.84 1.09 0.00	26.66 1.10 0.00	26.19 1.08 0.00	26.98 1.11 0.00	26.88 1.23 0.00	27.72 1.29 0.00	31.94 1.52 0.00	37.73 2.30 0.00	35.00 1.79 0.00	32.14 1.56 0.00	28.06 1.29 0.00	25.29 1.14 0.00	24.28 0.93 0.00	24.33 0.89 0.00
SWANROAD_115KV_TB1 355699	21.41 -1.69 0.00	19.15 -1.71 0.00	18.43 -1.71 0.00	18.16 -1.75 0.00	18.05 -1.74 0.00	18.39 -1.62 0.00	18.79 -1.50 0.00	18.82 -2.09 0.00	21.30 -2.26 0.00	21.73 -2.44 0.00	22.21 -2.55 0.00	23.00 -2.56 0.00	22.48 -2.64 0.00	23.15 -2.72 0.00	23.29 -2.36 0.00	23.99 -2.43 0.00	27.98 -2.43 0.00	32.35 -3.08 0.00	30.32 -2.89 0.00	28.29 -2.29 0.00	25.19 -1.58 0.00	22.87 -1.28 0.00	22.37 -0.98 0.00	22.69 -0.75 0.00
SYNERGY___BIOGAS 323694	22.33 -0.76 0.00	19.96 -0.90 0.00	19.22 -0.93 0.00	18.94 -0.98 0.00	18.84 -0.95 0.00	19.15 -0.86 0.00	19.58 -0.71 0.00	19.74 -1.17 0.00	22.36 -1.20 0.00	22.96 -1.21 0.00	23.54 -1.21 0.00	24.10 -1.46 0.00	23.61 -1.51 0.00	24.49 -1.37 0.00	24.47 -1.18 0.00	25.21 -1.21 0.00	29.38 -1.03 0.00	34.22 -1.20 0.00	32.04 -1.16 0.00	29.79 -0.80 0.00	26.45 -0.32 0.00	23.96 -0.19 0.00	23.35 0.00 0.00	23.58 0.14 0.00
SYRACUSE___ENERGY_ST1 323597	23.12 0.02 0.00	20.84 -0.02 0.00	20.12 -0.02 0.00	19.87 -0.04 0.00	19.75 -0.04 0.00	20.01 0.00 0.00	20.35 0.06 0.00	20.93 0.02 0.00	23.63 0.07 0.00	24.22 0.05 0.00	24.83 0.07 0.00	25.64 0.08 0.00	25.16 0.05 0.00	25.92 0.05 0.00	25.67 0.03 0.00	26.47 0.05 0.00	30.57 0.15 0.00	35.68 0.25 0.00	33.40 0.20 0.00	30.80 0.21 0.00	27.07 0.29 0.00	24.40 0.24 0.00	23.63 0.28 0.00	23.74 0.30 0.00
SYRACUSE___ENERGY_ST2 323598	23.12 0.02 0.00	20.84 -0.02 0.00	20.12 -0.02 0.00	19.87 -0.04 0.00	19.75 -0.04 0.00	20.01 0.00 0.00	20.35 0.06 0.00	20.93 0.02 0.00	23.63 0.07 0.00	24.22 0.05 0.00	24.83 0.07 0.00	25.64 0.08 0.00	25.16 0.05 0.00	25.92 0.05 0.00	25.67 0.03 0.00	26.47 0.05 0.00	30.57 0.15 0.00	35.68 0.25 0.00	33.40 0.20 0.00	30.80 0.21 0.00	27.07 0.29 0.00	24.40 0.24 0.00	23.63 0.28 0.00	23.74 0.30 0.00



SYRACUSE___POWER 24017	22.98 -0.12 0.00	20.71 -0.15 0.00	20.00 -0.14 0.00	19.75 -0.16 0.00	19.63 -0.16 0.00	19.89 -0.12 0.00	20.21 -0.08 0.00	20.81 -0.10 0.00	23.44 -0.12 0.00	24.05 -0.12 0.00	24.63 -0.12 0.00	25.43 -0.13 0.00	24.96 -0.15 0.00	25.71 -0.16 0.00	25.47 -0.18 0.00	26.26 -0.16 0.00	30.33 -0.09 0.00	35.39 -0.04 0.00	33.14 -0.07 0.00	30.52 -0.06 0.00	26.80 0.03 0.00	24.18 0.02 0.00	23.42 0.07 0.00	23.53 0.09 0.00
TALLMAN___138KV_BK151 55660	24.16 1.06 0.00	21.84 0.98 0.00	21.05 0.91 0.00	20.87 0.96 0.00	20.74 0.95 0.00	20.91 0.90 0.00	21.22 0.93 0.00	21.91 1.00 0.00	24.74 1.18 0.00	25.43 1.26 0.00	25.99 1.24 0.00	26.79 1.23 0.00	26.32 1.21 0.00	27.10 1.24 0.00	27.00 1.36 0.00	27.87 1.45 0.00	32.12 1.70 0.00	37.98 2.55 0.00	35.20 1.99 0.00	32.32 1.74 0.00	28.22 1.45 0.00	25.41 1.26 0.00	24.37 1.03 0.00	24.42 0.98 0.00
TEALLAVE_115KV_TB7 355573	22.84 -0.25 0.00	20.61 -0.25 0.00	19.90 -0.24 0.00	19.65 -0.26 0.00	19.53 -0.26 0.00	19.79 -0.22 0.00	20.11 -0.18 0.00	20.68 -0.23 0.00	23.30 -0.26 0.00	23.90 -0.27 0.00	24.48 -0.27 0.00	25.28 -0.28 0.00	24.81 -0.30 0.00	25.55 -0.31 0.00	25.29 -0.36 0.00	26.08 -0.34 0.00	30.11 -0.30 0.00	35.14 -0.28 0.00	32.87 -0.33 0.00	30.31 -0.28 0.00	26.59 -0.19 0.00	23.99 -0.17 0.00	23.25 -0.09 0.00	23.39 -0.05 0.00
TELGRAPH_34_KV_EAST 80808	21.96 -1.13 0.00	19.63 -1.23 0.00	18.89 -1.25 0.00	18.62 -1.29 0.00	18.50 -1.29 0.00	18.85 -1.16 0.00	19.25 -1.03 0.00	19.36 -1.55 0.00	21.94 -1.63 0.00	22.41 -1.76 0.00	22.87 -1.88 0.00	23.67 -1.89 0.00	23.15 -1.96 0.00	23.87 -1.99 0.00	23.98 -1.67 0.00	24.70 -1.72 0.00	28.84 -1.58 0.00	33.41 -2.02 0.00	31.31 -1.89 0.00	29.17 -1.41 0.00	25.94 -0.83 0.00	23.53 -0.63 0.00	22.95 -0.40 0.00	23.23 -0.21 0.00
TEMPLE___115KV_TB 2 55572	22.86 -0.23 0.00	20.61 -0.25 0.00	19.90 -0.24 0.00	19.65 -0.26 0.00	19.53 -0.26 0.00	19.79 -0.22 0.00	20.11 -0.18 0.00	20.68 -0.23 0.00	23.33 -0.24 0.00	23.90 -0.27 0.00	24.48 -0.27 0.00	25.28 -0.28 0.00	24.84 -0.28 0.00	25.55 -0.31 0.00	25.31 -0.33 0.00	26.08 -0.34 0.00	30.11 -0.30 0.00	35.18 -0.25 0.00	32.91 -0.30 0.00	30.31 -0.28 0.00	26.61 -0.16 0.00	24.01 -0.14 0.00	23.28 -0.07 0.00	23.39 -0.05 0.00
TIANA____69_KV_BK 1 55817	25.45 2.36 0.00	22.99 2.13 0.00	22.08 1.93 0.00	21.88 1.97 0.00	21.77 1.98 0.00	21.93 1.92 0.00	22.24 1.95 0.00	23.02 2.11 0.00	25.99 2.43 0.00	26.68 2.51 0.00	27.11 2.35 0.00	33.12 2.17 -5.39	33.17 2.18 -5.87	33.70 2.28 -5.56	33.81 2.41 -5.76	35.10 2.62 -6.06	44.07 3.53 -10.13	50.09 4.57 -10.09	46.05 3.95 -8.89	42.48 3.73 -8.17	35.25 2.78 -5.70	32.47 2.37 -5.95	30.19 2.29 -4.56	25.83 2.39 0.00
TILDEN___115KV_TB1 80814	22.98 -0.12 0.00	20.71 -0.15 0.00	20.00 -0.14 0.00	19.75 -0.16 0.00	19.63 -0.16 0.00	19.89 -0.12 0.00	20.21 -0.08 0.00	20.81 -0.10 0.00	23.44 -0.12 0.00	24.05 -0.12 0.00	24.63 -0.12 0.00	25.43 -0.13 0.00	24.96 -0.15 0.00	25.71 -0.16 0.00	25.47 -0.18 0.00	26.26 -0.16 0.00	30.33 -0.09 0.00	35.39 -0.04 0.00	33.14 -0.07 0.00	30.52 -0.06 0.00	26.80 0.03 0.00	24.18 0.02 0.00	23.42 0.07 0.00	23.53 0.09 0.00
TRIGEN___CC 323695	24.64 1.55 0.00	22.28 1.42 0.00	21.43 1.29 0.00	21.25 1.33 0.00	21.10 1.31 0.00	21.29 1.28 0.00	21.61 1.32 0.00	22.33 1.42 0.00	25.24 1.67 0.00	25.98 1.81 0.00	26.56 1.81 0.00	32.77 1.81 -5.39	32.77 1.78 -5.87	33.26 1.84 -5.56	33.38 1.97 -5.76	34.55 2.06 -6.06	42.95 3.53 -10.13	48.96 4.57 -10.09	44.89 3.95 -8.89	41.20 3.73 -8.17	34.53 2.45 -5.70	31.91 1.81 -5.95	29.47 1.56 -4.56	24.94 1.50 0.00
TRINITY___115KV___4 BK 55933	23.37 0.28 0.00	21.23 0.38 0.00	20.53 0.38 0.00	20.29 0.38 0.00	20.17 0.38 0.00	20.37 0.36 0.00	20.63 0.34 0.00	21.31 0.40 0.00	23.96 0.40 0.00	24.60 0.44 0.00	25.23 0.47 0.00	26.02 0.46 0.00	25.57 0.45 0.00	26.33 0.47 0.00	26.16 0.51 0.00	26.98 0.55 0.00	31.00 0.58 0.00	36.56 1.13 0.00	33.87 0.66 0.00	31.10 0.52 0.00	27.17 0.40 0.00	24.54 0.39 0.00	23.65 0.30 0.00	23.60 0.16 0.00
UNION___PROCESSING_DRP 323587	22.33 -0.76 0.00	20.03 -0.83 0.00	19.30 -0.85 0.00	19.04 -0.88 0.00	18.92 -0.87 0.00	19.23 -0.78 0.00	19.60 -0.69 0.00	19.95 -0.96 0.00	22.57 -0.99 0.00	23.08 -1.09 0.00	23.62 -1.14 0.00	24.44 -1.12 0.00	23.93 -1.18 0.00	24.65 -1.22 0.00	24.62 -1.03 0.00	25.36 -1.06 0.00	29.41 -1.00 0.00	34.19 -1.24 0.00	32.04 -1.16 0.00	29.73 -0.86 0.00	26.26 -0.51 0.00	23.74 -0.41 0.00	23.09 -0.26 0.00	23.27 -0.16 0.00
UPPER HUDSON___HYD 24058	24.43 1.34 0.00	22.09 1.23 0.00	21.31 1.17 0.00	21.07 1.15 0.00	20.78 0.99 0.00	21.01 1.00 0.00	21.30 1.01 0.00	21.85 0.94 0.00	24.76 1.20 0.00	25.40 1.23 0.00	26.04 1.29 0.00	26.94 1.38 0.00	26.47 1.36 0.00	27.26 1.40 0.00	27.03 1.38 0.00	27.95 1.53 0.00	32.18 1.76 0.00	37.87 2.44 0.00	35.06 1.86 0.00	32.17 1.59 0.00	28.14 1.36 0.00	25.48 1.33 0.00	24.54 1.19 0.00	24.56 1.13 0.00
UPPER RAQUET___HYD 24056	22.86 -0.23 0.00	20.59 -0.27 0.00	19.88 -0.26 0.00	19.61 -0.30 0.00	19.49 -0.30 0.00	19.53 -0.48 0.00	19.70 -0.59 0.00	20.39 -0.52 0.00	23.00 -0.57 0.00	23.61 -0.55 0.00	24.21 -0.54 0.00	25.18 -0.38 0.00	24.79 -0.33 0.00	25.53 -0.34 0.00	25.23 -0.41 0.00	25.95 -0.47 0.00	29.69 -0.73 0.00	33.87 -1.56 0.00	32.14 -1.06 0.00	29.85 -0.73 0.00	26.13 -0.64 0.00	23.45 -0.70 0.00	22.76 -0.58 0.00	23.11 -0.33 0.00
VALLEY44_115KV_TB2 355964	22.70 -0.39 0.00	20.32 -0.54 0.00	19.58 -0.56 0.00	19.30 -0.62 0.00	19.18 -0.61 0.00	19.53 -0.48 0.00	19.96 -0.32 0.00	20.22 -0.69 0.00	22.88 -0.68 0.00	23.40 -0.77 0.00	23.89 -0.87 0.00	24.69 -0.87 0.00	24.08 -1.03 0.00	24.83 -1.03 0.00	24.93 -0.72 0.00	25.79 -0.63 0.00	30.11 -0.30 0.00	34.93 -0.50 0.00	32.71 -0.50 0.00	30.43 -0.15 0.00	27.09 0.32 0.00	24.59 0.43 0.00	23.93 0.58 0.00	24.00 0.56 0.00
VALLEY___115KV_TB 1-4 80826	23.16 0.07 0.00	20.92 0.06 0.00	20.22 0.08 0.00	19.99 0.08 0.00	19.87 0.08 0.00	20.07 0.06 0.00	20.35 0.06 0.00	20.97 0.06 0.00	23.66 0.09 0.00	24.27 0.10 0.00	24.90 0.15 0.00	25.74 0.18 0.00	25.29 0.18 0.00	26.04 0.18 0.00	25.83 0.18 0.00	26.61 0.18 0.00	30.60 0.18 0.00	35.78 0.35 0.00	33.44 0.23 0.00	30.76 0.18 0.00	26.93 0.16 0.00	24.32 0.17 0.00	23.49 0.14 0.00	23.60 0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.41 1.32 0.00	22.03 1.17 0.00	21.29 1.15 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.15 1.14 0.00	21.51 1.22 0.00	22.17 1.25 0.00	25.05 1.48 0.00	25.64 1.47 0.00	26.27 1.51 0.00	27.15 1.58 0.00	26.65 1.53 0.00	27.47 1.60 0.00	27.31 1.67 0.00	28.22 1.80 0.00	32.49 2.07 0.00	38.05 2.62 0.00	35.50 2.29 0.00	32.66 2.08 0.00	28.70 1.93 0.00	25.77 1.62 0.00	24.77 1.42 0.00	24.82 1.38 0.00



VISCHER___FERRY HYD 24020	23.83 0.74 0.00	21.61 0.75 0.00	20.85 0.70 0.00	20.61 0.70 0.00	20.48 0.69 0.00	20.69 0.68 0.00	20.98 0.69 0.00	21.64 0.73 0.00	24.44 0.87 0.00	25.06 0.89 0.00	25.67 0.92 0.00	26.51 0.95 0.00	26.09 0.98 0.00	26.85 0.98 0.00	26.59 0.95 0.00	27.42 1.00 0.00	31.51 1.09 0.00	37.16 1.74 0.00	34.40 1.19 0.00	31.59 1.01 0.00	27.60 0.83 0.00	24.90 0.75 0.00	23.95 0.61 0.00	23.95 0.51 0.00
V_A_10_SYNC_DSASP 323832	21.68 -1.41 0.00	19.44 -1.42 0.00	18.73 -1.41 0.00	18.46 -1.45 0.00	18.35 -1.44 0.00	18.65 -1.36 0.00	19.05 -1.24 0.00	19.22 -1.69 0.00	21.70 -1.86 0.00	22.31 -1.86 0.00	22.85 -1.91 0.00	23.44 -2.12 0.00	22.95 -2.16 0.00	23.79 -2.07 0.00	23.72 -1.92 0.00	24.44 -1.98 0.00	28.38 -2.04 0.00	32.98 -2.44 0.00	30.85 -2.36 0.00	28.69 -1.90 0.00	25.46 -1.31 0.00	23.09 -1.06 0.00	22.53 -0.82 0.00	22.81 -0.63 0.00
V_CMM_10_SYNC_DSASP 323787	22.98 -0.11 0.00	20.74 -0.12 0.00	20.02 -0.12 0.00	19.77 -0.14 0.00	19.65 -0.14 0.00	19.87 -0.14 0.00	20.13 -0.16 0.00	20.79 -0.12 0.00	23.40 -0.16 0.00	24.03 -0.14 0.00	24.63 -0.12 0.00	25.46 -0.10 0.00	25.04 -0.08 0.00	25.79 -0.08 0.00	25.52 -0.13 0.00	26.24 -0.18 0.00	30.14 -0.27 0.00	34.61 -0.81 0.00	32.77 -0.43 0.00	30.31 -0.28 0.00	26.51 -0.27 0.00	23.89 -0.27 0.00	23.11 -0.23 0.00	23.23 -0.21 0.00
V_CMP_10_SYNC_DSASP 323788	23.44 0.35 0.00	20.96 0.10 0.00	20.22 0.08 0.00	19.93 0.02 0.00	19.83 0.04 0.00	20.17 0.16 0.00	20.43 0.14 0.00	21.16 0.25 0.00	23.89 0.33 0.00	24.58 0.41 0.00	25.28 0.52 0.00	26.12 0.56 0.00	25.87 0.75 0.00	26.46 0.60 0.00	26.13 0.49 0.00	26.63 0.21 0.00	30.39 -0.03 0.00	34.68 -0.75 0.00	32.74 -0.46 0.00	30.28 -0.31 0.00	26.40 -0.37 0.00	23.72 -0.43 0.00	23.04 -0.30 0.00	23.20 -0.23 0.00
V_D_10_SYNC_DSASP 323841	23.16 0.07 0.00	20.88 0.02 0.00	20.16 0.02 0.00	19.89 -0.02 0.00	19.77 -0.02 0.00	19.97 -0.04 0.00	20.21 -0.08 0.00	20.89 -0.02 0.00	23.54 -0.02 0.00	24.15 -0.02 0.00	24.78 0.02 0.00	25.61 0.05 0.00	25.19 0.08 0.00	25.97 0.10 0.00	25.70 0.05 0.00	26.42 0.00 0.00	30.33 -0.09 0.00	34.68 -0.75 0.00	32.87 -0.33 0.00	30.52 -0.06 0.00	26.69 -0.08 0.00	24.03 -0.12 0.00	23.25 -0.09 0.00	23.41 -0.02 0.00
V_E_10_SYNC_DSASP 323830	24.71 1.62 0.00	22.24 1.38 0.00	21.47 1.33 0.00	21.15 1.24 0.00	20.96 1.17 0.00	21.27 1.26 0.00	21.73 1.44 0.00	22.40 1.48 0.00	25.28 1.72 0.00	25.79 1.62 0.00	26.36 1.61 0.00	27.25 1.69 0.00	26.80 1.68 0.00	27.60 1.73 0.00	27.49 1.85 0.00	28.51 2.09 0.00	33.10 2.68 0.00	38.65 3.22 0.00	36.29 3.09 0.00	33.39 2.81 0.00	29.45 2.68 0.00	26.35 2.20 0.00	25.38 2.03 0.00	25.52 2.09 0.00
V_F_30_NSYNC___DSASP 323816	24.23 1.13 0.00	21.92 1.06 0.00	21.15 1.01 0.00	20.93 1.01 0.00	20.74 0.95 0.00	20.97 0.96 0.00	21.26 0.97 0.00	21.89 0.98 0.00	24.76 1.20 0.00	25.40 1.23 0.00	26.02 1.26 0.00	26.89 1.33 0.00	26.44 1.33 0.00	27.23 1.37 0.00	27.00 1.36 0.00	27.87 1.45 0.00	32.09 1.67 0.00	37.73 2.30 0.00	35.00 1.79 0.00	32.11 1.53 0.00	28.08 1.31 0.00	25.36 1.21 0.00	24.37 1.03 0.00	24.40 0.96 0.00
V_F_30_SYNC_DSASP 323786	23.53 0.44 0.00	21.36 0.50 0.00	20.65 0.50 0.00	20.41 0.50 0.00	20.28 0.49 0.00	20.49 0.48 0.00	20.76 0.47 0.00	21.43 0.52 0.00	24.13 0.57 0.00	24.70 0.53 0.00	25.30 0.54 0.00	26.10 0.54 0.00	25.64 0.53 0.00	26.41 0.54 0.00	26.26 0.62 0.00	27.08 0.66 0.00	31.15 0.73 0.00	36.70 1.28 0.00	34.00 0.80 0.00	31.22 0.64 0.00	27.28 0.51 0.00	24.64 0.48 0.00	23.74 0.40 0.00	23.70 0.26 0.00
V_XM_10_SYNC_DSASP 323789	23.44 0.35 0.00	20.96 0.10 0.00	20.22 0.08 0.00	19.93 0.02 0.00	19.83 0.04 0.00	20.17 0.16 0.00	20.43 0.14 0.00	21.16 0.25 0.00	23.89 0.33 0.00	24.58 0.41 0.00	25.28 0.52 0.00	26.12 0.56 0.00	25.87 0.75 0.00	26.46 0.60 0.00	26.13 0.49 0.00	26.63 0.21 0.00	30.39 -0.03 0.00	34.68 -0.75 0.00	32.74 -0.46 0.00	30.28 -0.31 0.00	26.40 -0.37 0.00	23.72 -0.43 0.00	23.04 -0.30 0.00	23.20 -0.23 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.23 1.13 0.00	21.90 1.04 0.00	21.11 0.97 0.00	20.93 1.02 0.00	20.78 0.99 0.00	20.97 0.96 0.00	21.28 0.99 0.00	21.98 1.07 0.00	24.79 1.23 0.00	25.50 1.33 0.00	26.07 1.31 0.00	26.86 1.30 0.00	26.39 1.28 0.00	27.18 1.32 0.00	27.08 1.44 0.00	27.95 1.53 0.00	32.21 1.79 0.00	38.08 2.66 0.00	35.30 2.09 0.00	32.42 1.83 0.00	28.30 1.53 0.00	25.48 1.33 0.00	24.44 1.10 0.00	24.49 1.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.34 1.25 0.00	22.05 1.19 0.00	21.23 1.09 0.00	21.07 1.15 0.00	20.92 1.13 0.00	21.07 1.06 0.00	21.41 1.12 0.00	22.10 1.19 0.00	24.93 1.37 0.00	25.67 1.50 0.00	26.22 1.46 0.00	27.02 1.46 0.00	26.57 1.46 0.00	27.36 1.50 0.00	27.26 1.62 0.00	28.11 1.69 0.00	32.46 2.04 0.00	38.44 3.01 0.00	35.60 2.39 0.00	32.66 2.08 0.00	28.49 1.71 0.00	25.63 1.47 0.00	24.58 1.24 0.00	24.68 1.24 0.00
W50THST__13_KV_LOAD 356117	24.41 1.32 0.00	22.11 1.25 0.00	21.29 1.15 0.00	21.13 1.21 0.00	20.98 1.19 0.00	21.13 1.12 0.00	21.47 1.18 0.00	22.17 1.25 0.00	25.02 1.46 0.00	25.74 1.57 0.00	26.29 1.53 0.00	27.09 1.53 0.00	26.65 1.53 0.00	27.44 1.58 0.00	27.34 1.69 0.00	28.19 1.77 0.00	32.58 2.16 0.00	38.58 3.15 0.00	35.70 2.49 0.00	32.78 2.20 0.00	28.57 1.79 0.00	25.70 1.55 0.00	24.68 1.33 0.00	24.75 1.31 0.00
WADING RIVER_IC_1 23522	25.24 2.15 0.00	22.80 1.94 0.00	21.92 1.77 0.00	21.71 1.79 0.00	21.57 1.78 0.00	21.75 1.74 0.00	22.22 1.93 0.00	22.83 1.92 0.00	26.04 2.47 0.00	26.50 2.32 -0.01	26.87 2.10 -0.01	32.87 1.92 -5.39	32.94 1.96 -5.87	33.46 2.04 -5.56	33.45 2.05 -5.76	34.71 2.22 -6.07	43.77 3.22 -10.13	49.52 4.00 -10.09	45.58 3.49 -8.89	42.15 3.39 -8.17	34.90 2.44 -5.70	32.16 2.05 -5.95	29.92 2.01 -4.56	25.62 2.18 0.00
WADING RIVER_IC_2 23547	25.24 2.15 0.00	22.80 1.94 0.00	21.92 1.77 0.00	21.71 1.79 0.00	21.57 1.78 0.00	21.75 1.74 0.00	22.22 1.93 0.00	22.83 1.92 0.00	26.04 2.47 0.00	26.50 2.32 -0.01	26.87 2.10 -0.01	32.87 1.92 -5.39	32.94 1.96 -5.87	33.46 2.04 -5.56	33.45 2.05 -5.76	34.71 2.22 -6.07	43.77 3.22 -10.13	49.52 4.00 -10.09	45.58 3.49 -8.89	42.15 3.39 -8.17	34.90 2.44 -5.70	32.16 2.05 -5.95	29.92 2.01 -4.56	25.62 2.18 0.00
WADING RIVER_IC_3 23601	25.24 2.15 0.00	22.80 1.94 0.00	21.92 1.77 0.00	21.71 1.79 0.00	21.57 1.78 0.00	21.75 1.74 0.00	22.22 1.93 0.00	22.83 1.92 0.00	26.04 2.47 0.00	26.50 2.32 -0.01	26.87 2.10 -0.01	32.87 1.92 -5.39	32.94 1.96 -5.87	33.46 2.04 -5.56	33.45 2.05 -5.76	34.71 2.22 -6.07	43.77 3.22 -10.13	49.52 4.00 -10.09	45.58 3.49 -8.89	42.15 3.39 -8.17	34.90 2.44 -5.70	32.16 2.05 -5.95	29.92 2.01 -4.56	25.62 2.18 0.00



WALDENNY_12_KV_BK2 80841	22.01 -1.09 0.00	19.67 -1.19 0.00	18.93 -1.21 0.00	18.66 -1.25 0.00	18.54 -1.25 0.00	18.89 -1.12 0.00	19.30 -0.99 0.00	19.36 -1.55 0.00	21.94 -1.63 0.00	22.38 -1.79 0.00	22.87 -1.88 0.00	23.69 -1.87 0.00	23.18 -1.93 0.00	23.90 -1.97 0.00	24.00 -1.64 0.00	24.78 -1.64 0.00	28.96 -1.46 0.00	33.55 -1.88 0.00	31.45 -1.76 0.00	29.33 -1.25 0.00	26.13 -0.64 0.00	23.70 -0.46 0.00	23.16 -0.19 0.00	23.39 -0.05 0.00
WALDEN___HYDRO 24148	24.16 1.06 0.00	21.84 0.98 0.00	21.07 0.93 0.00	20.87 0.96 0.00	20.74 0.95 0.00	20.93 0.92 0.00	21.22 0.93 0.00	21.89 0.98 0.00	24.76 1.20 0.00	25.40 1.23 0.00	25.94 1.19 0.00	26.81 1.25 0.00	26.39 1.28 0.00	27.21 1.34 0.00	26.98 1.33 0.00	27.85 1.43 0.00	32.12 1.70 0.00	37.98 2.55 0.00	35.23 2.03 0.00	32.35 1.77 0.00	28.24 1.47 0.00	25.41 1.26 0.00	24.37 1.03 0.00	24.42 0.98 0.00
WARRENSBURG___ 23737	24.43 1.34 0.00	22.09 1.23 0.00	21.31 1.17 0.00	21.07 1.15 0.00	20.78 0.99 0.00	21.01 1.00 0.00	21.30 1.01 0.00	21.85 0.94 0.00	24.76 1.20 0.00	25.40 1.23 0.00	26.04 1.29 0.00	26.94 1.38 0.00	26.47 1.36 0.00	27.26 1.40 0.00	27.03 1.38 0.00	27.95 1.53 0.00	32.18 1.76 0.00	37.87 2.44 0.00	35.06 1.86 0.00	32.17 1.59 0.00	28.14 1.36 0.00	25.48 1.33 0.00	24.54 1.19 0.00	24.56 1.13 0.00
WATERSIDE___6 8 9 23538	24.49 1.39 -0.01	22.16 1.29 -0.01	21.34 1.19 -0.01	21.17 1.25 -0.01	21.02 1.23 -0.01	21.15 1.14 0.00	21.47 1.18 0.00	22.12 1.21 0.00	24.95 1.39 0.00	25.69 1.52 0.00	26.24 1.49 0.00	27.04 1.48 0.00	26.59 1.48 0.00	27.42 1.55 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.55 2.13 0.00	38.58 3.15 0.00	35.73 2.52 0.00	32.81 2.23 0.00	28.54 1.77 0.00	25.70 1.55 0.00	24.70 1.35 0.00	24.80 1.36 -0.01
WATKINRD_115KV_LN8_ILLION 55919	23.30 0.21 0.00	21.05 0.19 0.00	20.32 0.18 0.00	20.11 0.20 0.00	19.99 0.20 0.00	20.19 0.18 0.00	20.47 0.18 0.00	21.10 0.19 0.00	23.77 0.21 0.00	24.41 0.24 0.00	25.00 0.25 0.00	25.84 0.28 0.00	25.39 0.28 0.00	26.15 0.28 0.00	25.95 0.31 0.00	26.74 0.32 0.00	30.78 0.37 0.00	35.96 0.53 0.00	33.60 0.40 0.00	30.92 0.34 0.00	27.09 0.32 0.00	24.44 0.29 0.00	23.60 0.26 0.00	23.67 0.23 0.00
WATSON___69_KV_BK 1 55734	25.36 2.26 0.00	22.90 2.04 0.00	22.02 1.87 0.00	21.80 1.89 0.00	21.67 1.88 0.00	21.85 1.84 0.00	22.16 1.87 0.00	22.94 2.03 0.00	25.90 2.33 0.00	26.66 2.49 0.00	27.21 2.45 0.00	33.35 2.40 -5.39	33.39 2.41 -5.87	33.93 2.51 -5.56	34.07 2.67 -5.76	35.31 2.83 -6.06	44.07 3.53 -10.13	50.23 4.71 -10.09	46.12 4.02 -8.89	42.36 3.61 -8.17	35.39 2.92 -5.70	32.59 2.49 -5.95	30.19 2.29 -4.56	25.71 2.27 0.00
WDELAWARE___HYD 323627	24.25 1.15 0.00	21.88 1.02 0.00	21.11 0.97 0.00	20.91 1.00 0.00	20.78 0.99 0.00	20.99 0.98 0.00	21.30 1.01 0.00	21.94 1.02 0.00	24.79 1.22 0.00	25.40 1.23 0.00	25.94 1.19 0.00	26.81 1.25 0.00	26.37 1.26 0.00	27.18 1.32 0.00	27.06 1.41 0.00	27.93 1.51 0.00	32.21 1.79 0.00	38.05 2.62 0.00	35.36 2.16 0.00	32.45 1.87 0.00	28.38 1.61 0.00	25.51 1.35 0.00	24.44 1.10 0.00	24.49 1.06 0.00
WEST BABYLON___IC 23714	25.22 2.12 0.00	22.78 1.92 0.00	21.90 1.75 0.00	21.69 1.77 0.00	21.55 1.76 0.00	21.73 1.72 0.00	22.05 1.77 0.00	22.81 1.90 0.00	25.78 2.21 0.00	26.54 2.37 0.00	27.08 2.33 0.00	33.28 2.33 -5.39	33.29 2.31 -5.87	33.83 2.41 -5.56	33.94 2.54 -5.76	35.18 2.69 -6.06	43.83 3.29 -10.13	49.99 4.46 -10.09	45.88 3.79 -8.89	42.12 3.36 -8.17	35.23 2.76 -5.70	32.49 2.39 -5.95	30.08 2.17 -4.56	25.57 2.13 0.00
WEST CANADA___HYD 24049	23.19 0.09 0.00	20.96 0.10 0.00	20.24 0.10 0.00	20.01 0.10 0.00	19.89 0.10 0.00	20.11 0.10 0.00	20.37 0.08 0.00	20.99 0.08 0.00	23.66 0.09 0.00	24.27 0.10 0.00	24.85 0.10 0.00	25.69 0.13 0.00	25.24 0.13 0.00	25.99 0.13 0.00	25.80 0.15 0.00	26.58 0.16 0.00	30.57 0.15 0.00	35.75 0.32 0.00	33.41 0.20 0.00	30.74 0.15 0.00	26.91 0.13 0.00	24.28 0.12 0.00	23.44 0.09 0.00	23.53 0.09 0.00
WESTERN_NY_WIND 24143	22.29 -0.81 0.00	19.92 -0.94 0.00	19.18 -0.97 0.00	18.90 -1.02 0.00	18.78 -1.01 0.00	19.13 -0.88 0.00	19.54 -0.75 0.00	19.70 -1.21 0.00	22.36 -1.20 0.00	22.82 -1.35 0.00	23.32 -1.44 0.00	24.13 -1.43 0.00	23.56 -1.56 0.00	24.31 -1.55 0.00	24.41 -1.23 0.00	25.15 -1.27 0.00	29.35 -1.06 0.00	34.05 -1.38 0.00	31.94 -1.26 0.00	29.76 -0.83 0.00	26.40 -0.37 0.00	23.91 -0.24 0.00	23.30 -0.05 0.00	23.53 0.09 0.00
WESTOVER___LESR 323668	23.23 0.14 0.00	20.92 0.06 0.00	20.20 0.06 0.00	19.95 0.04 0.00	19.83 0.04 0.00	20.09 0.08 0.00	20.43 0.14 0.00	20.99 0.08 0.00	23.68 0.12 0.00	24.27 0.10 0.00	24.83 0.07 0.00	25.64 0.08 0.00	25.14 0.03 0.00	25.89 0.03 0.00	25.75 0.10 0.00	26.61 0.18 0.00	30.78 0.37 0.00	35.92 0.50 0.00	33.60 0.40 0.00	31.01 0.43 0.00	27.28 0.51 0.00	24.64 0.48 0.00	23.81 0.47 0.00	23.91 0.47 0.00
WETHRSFD_WT_PWR 323626	21.36 -1.73 0.00	19.11 -1.75 0.00	18.39 -1.75 0.00	18.12 -1.79 0.00	17.99 -1.80 0.00	18.33 -1.68 0.00	18.73 -1.56 0.00	18.80 -2.11 0.00	21.25 -2.31 0.00	21.83 -2.34 0.00	22.43 -2.33 0.00	22.95 -2.61 0.00	22.58 -2.54 0.00	23.48 -2.38 0.00	23.49 -2.15 0.00	24.25 -2.17 0.00	28.41 -2.01 0.00	33.16 -2.27 0.00	31.01 -2.19 0.00	28.93 -1.65 0.00	25.86 -0.91 0.00	23.45 -0.70 0.00	22.90 -0.44 0.00	23.16 -0.28 0.00
WHAVSTOR_138KV_BK127 55557	24.13 1.04 0.00	21.84 0.98 0.00	21.05 0.91 0.00	20.87 0.96 0.00	20.72 0.93 0.00	20.91 0.90 0.00	21.22 0.93 0.00	21.91 1.00 0.00	24.72 1.15 0.00	25.43 1.26 0.00	25.97 1.21 0.00	26.79 1.23 0.00	26.32 1.21 0.00	27.10 1.24 0.00	27.00 1.36 0.00	27.85 1.43 0.00	32.12 1.70 0.00	37.98 2.55 0.00	35.16 1.96 0.00	32.29 1.71 0.00	28.19 1.42 0.00	25.41 1.26 0.00	24.37 1.03 0.00	24.42 0.98 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.13 1.04 0.00	21.84 0.98 0.00	21.05 0.91 0.00	20.87 0.96 0.00	20.72 0.93 0.00	20.91 0.90 0.00	21.22 0.93 0.00	21.91 1.00 0.00	24.72 1.15 0.00	25.43 1.26 0.00	25.97 1.21 0.00	26.79 1.23 0.00	26.32 1.21 0.00	27.10 1.24 0.00	27.00 1.36 0.00	27.85 1.43 0.00	32.12 1.70 0.00	37.98 2.55 0.00	35.16 1.96 0.00	32.29 1.71 0.00	28.19 1.42 0.00	25.41 1.26 0.00	24.37 1.03 0.00	24.42 0.98 0.00
WHITEHAL_115KV_TB1 80871	24.66 1.57 0.00	22.30 1.44 0.00	21.49 1.35 0.00	21.25 1.33 0.00	21.00 1.21 0.00	21.25 1.24 0.00	21.53 1.24 0.00	22.14 1.23 0.00	25.09 1.53 0.00	25.74 1.57 0.00	26.41 1.66 0.00	27.30 1.74 0.00	26.77 1.66 0.00	27.57 1.71 0.00	27.39 1.74 0.00	28.40 1.98 0.00	32.73 2.31 0.00	38.54 3.12 0.00	35.63 2.42 0.00	32.63 2.05 0.00	28.57 1.79 0.00	25.82 1.67 0.00	24.77 1.42 0.00	24.77 1.34 0.00



WHITEPLN_13_KV_LOAD 356215	24.48 1.39 0.00	22.15 1.29 0.00	21.33 1.19 0.00	21.15 1.23 0.00	21.00 1.21 0.00	21.19 1.18 0.00	21.51 1.22 0.00	22.23 1.32 0.00	25.07 1.51 0.00	25.79 1.62 0.00	26.36 1.61 0.00	27.20 1.64 0.00	26.72 1.61 0.00	27.54 1.68 0.00	27.47 1.82 0.00	28.32 1.90 0.00	32.67 2.25 0.00	38.72 3.29 0.00	35.83 2.62 0.00	32.88 2.29 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.72 1.38 0.00	24.77 1.34 0.00
WM_FLOYD_69_KV_BK2 356380	25.26 2.17 0.00	22.82 1.96 0.00	21.92 1.77 0.00	21.72 1.81 0.00	21.63 1.84 0.00	21.77 1.76 0.00	22.07 1.79 0.00	22.86 1.94 0.00	25.80 2.24 0.00	26.49 2.32 0.00	26.93 2.18 0.00	32.97 2.02 -5.39	33.04 2.06 -5.87	33.54 2.12 -5.56	33.68 2.28 -5.76	34.94 2.46 -6.06	43.83 3.29 -10.13	49.84 4.32 -10.09	45.78 3.69 -8.89	42.21 3.46 -8.17	35.09 2.62 -5.70	32.35 2.25 -5.95	30.03 2.12 -4.56	25.62 2.18 0.00
WOODARD__115KV_TB2 355635	22.84 -0.25 0.00	20.59 -0.27 0.00	19.88 -0.26 0.00	19.63 -0.28 0.00	19.51 -0.28 0.00	19.77 -0.24 0.00	20.09 -0.20 0.00	20.66 -0.25 0.00	23.30 -0.26 0.00	23.88 -0.29 0.00	24.46 -0.30 0.00	25.25 -0.31 0.00	24.79 -0.33 0.00	25.53 -0.34 0.00	25.29 -0.36 0.00	26.05 -0.37 0.00	30.08 -0.33 0.00	35.11 -0.32 0.00	32.84 -0.37 0.00	30.28 -0.31 0.00	26.56 -0.21 0.00	23.96 -0.19 0.00	23.23 -0.12 0.00	23.37 -0.07 0.00
YORK___WARBASSE 23770	24.56 1.45 -0.01	22.14 1.27 -0.01	21.38 1.23 -0.01	21.18 1.25 -0.01	21.02 1.23 -0.01	21.21 1.20 0.00	21.51 1.22 0.00	22.12 1.21 0.00	24.91 1.34 0.00	25.67 1.50 0.00	26.17 1.41 0.00	26.99 1.43 0.00	26.57 1.46 0.00	27.39 1.53 0.00	27.31 1.67 0.00	28.16 1.74 0.00	32.70 2.28 0.00	38.83 3.40 0.00	35.96 2.76 0.00	33.03 2.45 0.00	28.65 1.87 0.00	25.80 1.64 0.00	24.84 1.49 0.00	24.88 1.43 -0.01