

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

11/09/2023

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	25.32	25.32	24.20	25.09	23.12	26.15	27.31	27.83	26.83	27.01	29.57	30.23	40.39	31.71	27.22	30.16	33.22	34.15	34.97	25.92	30.59	27.79	32.94	25.35
24138	1.36	1.36	1.17	1.28	1.20	1.41	1.89	2.05	1.78	1.81	1.99	2.00	2.59	2.04	1.82	2.09	2.36	2.79	2.79	1.92	2.17	1.86	2.08	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	25.32	25.32	24.20	25.11	23.13	26.16	27.31	27.83	26.83	27.01	29.57	30.17	40.28	31.62	27.15	30.08	33.12	34.05	34.87	25.85	30.53	27.73	32.87	25.31
24260	1.36	1.37	1.18	1.29	1.20	1.42	1.90	2.05	1.79	1.81	1.99	1.94	2.49	1.95	1.74	2.01	2.26	2.69	2.69	1.85	2.11	1.80	2.00	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	25.32	25.32	24.20	25.11	23.13	26.16	27.31	27.83	26.83	27.01	29.57	30.17	40.28	31.62	27.15	30.08	33.12	34.05	34.87	25.85	30.53	27.73	32.87	25.31
24261	1.36	1.37	1.18	1.29	1.20	1.42	1.90	2.05	1.79	1.81	1.99	1.94	2.49	1.95	1.74	2.01	2.26	2.69	2.69	1.85	2.11	1.80	2.00	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.05	25.12	24.11	24.96	23.02	26.17	27.20	27.68	26.83	26.95	29.46	30.26	40.45	31.53	26.98	29.80	32.64	33.22	33.86	25.26	29.82	27.17	32.44	25.15
24011	1.09	1.16	1.08	1.14	1.10	1.44	1.79	1.91	1.79	1.76	1.88	2.04	2.66	1.86	1.58	1.73	1.79	1.87	1.68	1.26	1.40	1.23	1.57	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.24	25.31	24.28	25.15	23.21	26.42	27.46	28.01	27.16	27.28	29.79	30.63	40.93	31.88	27.25	30.09	32.99	33.58	34.17	25.50	30.10	27.41	32.73	25.38
23798	1.28	1.35	1.26	1.33	1.29	1.68	2.05	2.23	2.12	2.08	2.21	2.41	3.14	2.22	1.84	2.02	2.14	2.22	1.99	1.50	1.68	1.48	1.86	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	25.05	25.12	24.11	24.96	23.02	26.17	27.20	27.68	26.83	26.95	29.46	30.26	40.45	31.53	26.98	29.80	32.64	33.22	33.86	25.26	29.82	27.17	32.44	25.15
24028	1.09	1.16	1.08	1.14	1.10	1.44	1.79	1.91	1.79	1.76	1.88	2.04	2.66	1.86	1.58	1.73	1.79	1.87	1.68	1.26	1.40	1.23	1.57	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.96	25.06	24.03	24.91	22.97	26.02	27.04	27.43	26.56	26.68	29.19	29.79	39.76	31.22	26.82	29.66	32.33	33.00	33.76	25.18	29.91	27.25	32.30	25.06
23527	1.00	1.11	1.01	1.10	1.04	1.29	1.62	1.65	1.52	1.48	1.61	1.56	1.97	1.56	1.41	1.59	1.48	1.64	1.58	1.18	1.49	1.32	1.44	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.10	24.14	23.18	24.00	22.11	25.00	25.94	26.36	25.53	25.67	28.08	28.71	38.33	30.07	25.84	28.61	31.38	32.09	32.83	24.46	28.96	26.35	31.24	24.20
24190	0.14	0.18	0.15	0.18	0.18	0.27	0.52	0.59	0.48	0.47	0.50	0.48	0.54	0.41	0.43	0.54	0.53	0.73	0.64	0.46	0.54	0.42	0.38	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.05	23.99	23.12	23.83	21.96	24.81	25.28	25.64	25.02	25.24	27.73	28.44	38.22	30.02	25.66	28.28	31.05	31.25	32.08	24.07	28.53	25.96	30.87	23.87
355683	0.09	0.03	0.09	0.01	0.03	0.07	-0.14	-0.14	-0.02	0.04	0.15	0.21	0.43	0.35	0.25	0.20	0.20	-0.11	-0.10	0.07	0.10	0.03	0.00	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___1	24.10	24.14	23.18	24.00	22.11	25.00	25.94	26.36	25.53	25.67	28.08	28.71	38.33	30.07	25.84	28.61	31.38	32.09	32.83	24.46	28.96	26.35	31.24	24.20
23571	0.14	0.18	0.15	0.18	0.18	0.27	0.52	0.59	0.48	0.47	0.50	0.48	0.54	0.41	0.43	0.54	0.53	0.73	0.64	0.46	0.54	0.42	0.38	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.10	24.14	23.18	24.00	22.11	25.00	25.94	26.36	25.53	25.67	28.08	28.71	38.33	30.07	25.84	28.61	31.38	32.09	32.83	24.46	28.96	26.35	31.24	24.20
23572	0.14	0.18	0.15	0.18	0.18	0.27	0.52	0.59	0.48	0.47	0.50	0.48	0.54	0.41	0.43	0.54	0.53	0.73	0.64	0.46	0.54	0.42	0.38	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	24.10	24.14	23.18	24.00	22.11	25.00	25.94	26.36	25.53	25.67	28.08	28.71	38.33	30.07	25.84	28.61	31.38	32.09	32.83	24.46	28.96	26.35	31.24	24.20
23573	0.14	0.18	0.15	0.18	0.18	0.27	0.52	0.59	0.48	0.47	0.50	0.48	0.54	0.41	0.43	0.54	0.53	0.73	0.64	0.46	0.54	0.42	0.38	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___4 23574	24.10 0.14 0.00	24.14 0.18 0.00	23.18 0.15 0.00	24.00 0.18 0.00	22.11 0.18 0.00	25.00 0.27 0.00	25.94 0.52 0.00	26.36 0.59 0.00	25.53 0.48 0.00	25.67 0.47 0.00	28.08 0.50 0.00	28.71 0.48 0.00	38.33 0.54 0.00	30.07 0.41 0.00	25.84 0.43 0.00	28.61 0.54 0.00	31.38 0.53 0.00	32.09 0.73 0.00	32.83 0.64 0.00	24.46 0.46 0.00	28.96 0.54 0.00	26.35 0.42 0.00	31.24 0.38 0.00	24.20 0.35 0.00
ALBANY___LFGE 323615	24.39 0.43 0.00	24.43 0.47 0.00	23.45 0.42 0.00	24.28 0.47 0.00	22.38 0.45 0.00	25.31 0.57 0.00	26.26 0.85 0.00	26.70 0.92 0.00	25.86 0.81 0.00	26.01 0.81 0.00	28.46 0.88 0.00	29.10 0.87 0.00	38.84 1.05 0.00	30.48 0.82 0.00	26.19 0.78 0.00	28.95 0.87 0.00	31.72 0.87 0.00	32.44 1.08 0.00	33.19 1.01 0.00	24.72 0.72 0.00	29.27 0.84 0.00	26.63 0.70 0.00	31.57 0.70 0.00	24.44 0.59 0.00
ALCOA_PA_115KV_PL-6C 55860	24.21 0.24 0.00	24.13 0.18 0.00	23.26 0.23 0.00	23.98 0.16 0.00	22.10 0.17 0.00	24.96 0.22 0.00	25.43 0.02 0.00	25.79 0.02 0.00	25.20 0.15 0.00	25.42 0.22 0.00	27.93 0.35 0.00	28.65 0.42 0.00	38.49 0.70 0.00	30.23 0.56 0.00	25.82 0.41 0.00	28.43 0.36 0.00	31.22 0.37 0.00	31.41 0.05 0.00	32.25 0.06 0.00	24.19 0.19 0.00	28.66 0.24 0.00	26.35 0.16 -0.26	31.15 0.17 -0.12	23.99 0.14 0.00
ALCOA_RYNLDS___DRP 24188	24.21 0.24 0.00	24.13 0.18 0.00	23.26 0.23 0.00	23.98 0.16 0.00	22.10 0.17 0.00	24.96 0.22 0.00	25.43 0.02 0.00	25.79 0.02 0.00	25.20 0.15 0.00	25.42 0.22 0.00	27.93 0.35 0.00	28.65 0.42 0.00	38.49 0.70 0.00	30.23 0.56 0.00	25.82 0.41 0.00	28.43 0.36 0.00	31.22 0.37 0.00	31.41 0.05 0.00	32.25 0.06 0.00	24.19 0.19 0.00	28.66 0.24 0.00	26.35 0.16 -0.26	31.15 0.17 -0.12	23.99 0.14 0.00
ALCOA___DSASP 323711	24.21 0.24 0.00	24.13 0.18 0.00	23.25 0.23 0.00	23.97 0.16 0.00	22.10 0.17 0.00	24.95 0.22 0.00	25.43 0.02 0.00	25.80 0.02 0.00	25.20 0.15 0.00	25.41 0.22 0.00	27.92 0.34 0.00	28.65 0.41 0.00	38.49 0.70 0.00	30.23 0.56 0.00	25.82 0.41 0.00	28.43 0.36 0.00	31.22 0.37 0.00	31.41 0.05 0.00	32.25 0.06 0.00	24.19 0.19 0.00	28.66 0.24 0.00	26.35 0.16 -0.26	31.16 0.17 -0.12	23.99 0.14 0.00
ALLEGHENY___COGEN 23514	23.61 -0.35 0.00	23.73 -0.22 0.00	22.77 -0.25 0.00	23.46 -0.36 0.00	21.63 -0.29 0.00	24.52 -0.21 0.00	25.27 -0.14 0.00	25.62 -0.16 0.00	25.03 -0.01 0.00	24.78 -0.42 0.00	26.81 -0.77 0.00	27.45 -0.78 0.00	36.45 -1.34 0.00	28.64 -1.02 0.00	24.35 -1.06 0.00	26.92 -1.15 0.00	29.60 -1.26 0.00	31.06 -0.30 0.00	32.04 -0.14 0.00	23.41 -0.58 0.00	27.79 -0.63 0.00	25.04 -0.89 0.00	29.85 -1.02 0.00	22.85 -1.00 0.00
ALTAMONT_115KV_TB 2 55880	24.45 0.49 0.00	24.48 0.53 0.00	23.51 0.49 0.00	24.35 0.53 0.00	22.42 0.49 0.00	25.34 0.60 0.00	26.27 0.85 0.00	26.70 0.92 0.00	25.85 0.81 0.00	25.99 0.79 0.00	28.44 0.86 0.00	29.07 0.84 0.00	38.83 1.04 0.00	30.46 0.80 0.00	26.16 0.75 0.00	28.93 0.86 0.00	31.76 0.90 0.00	32.46 1.11 0.00	33.24 1.06 0.00	24.75 0.76 0.00	29.30 0.88 0.00	26.68 0.74 0.00	31.67 0.80 0.00	24.48 0.64 0.00
ALTONA_WT_PWR 323606	24.76 0.80 0.00	24.47 0.52 0.00	23.49 0.47 0.00	24.19 0.37 0.00	22.16 0.23 0.00	24.69 -0.04 0.00	25.02 -0.39 0.00	25.68 -0.10 0.00	25.20 0.16 0.00	25.83 0.63 0.00	28.67 1.09 0.00	29.54 1.32 0.00	39.94 2.14 0.00	31.35 1.68 0.00	26.43 1.02 0.00	28.62 0.55 0.00	30.85 0.00 0.00	31.07 -0.29 0.00	31.80 -0.39 0.00	24.18 0.18 0.00	28.50 0.08 0.00	15.92 -0.48 9.53	25.82 -0.79 4.25	23.51 -0.34 0.00
AMERICAN_REF_FUEL 24010	22.39 -1.57 0.00	22.56 -1.40 0.00	21.68 -1.35 0.00	22.36 -1.45 0.00	20.72 -1.21 0.00	23.35 -1.38 0.00	23.70 -1.71 0.00	23.79 -1.99 0.00	23.17 -1.87 0.00	23.03 -2.17 0.00	24.83 -2.75 0.00	25.32 -2.91 0.00	33.73 -4.06 0.00	26.62 -3.04 0.00	22.65 -2.75 0.00	24.87 -3.20 0.00	27.38 -3.47 0.00	28.49 -2.87 0.00	29.08 -3.10 0.00	21.25 -2.75 0.00	25.45 -2.98 0.00	22.93 -3.01 0.00	27.49 -3.38 0.00	21.19 -2.66 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.44 -1.52 0.00	22.63 -1.32 0.00	21.80 -1.22 0.00	22.34 -1.48 0.00	20.67 -1.25 0.00	23.49 -1.24 0.00	24.01 -1.41 0.00	24.45 -1.33 0.00	23.79 -1.26 0.00	23.71 -1.49 0.00	25.54 -2.04 0.00	26.16 -2.07 0.00	34.89 -2.90 0.00	27.40 -2.27 0.00	23.48 -1.93 0.00	26.04 -2.03 0.00	28.57 -2.28 0.00	29.54 -1.82 0.00	30.19 -1.99 0.00	21.94 -2.06 0.00	26.18 -2.24 0.00	23.75 -2.18 0.00	28.50 -2.37 0.00	21.72 -2.13 0.00
ARTHUR_KILL_GT_1 23520	25.20 1.24 0.00	25.22 1.27 0.00	24.09 1.06 0.00	24.99 1.18 0.00	23.05 1.12 0.00	26.05 1.31 0.00	27.16 1.75 0.00	27.59 1.81 0.00	26.51 1.46 0.00	26.60 1.41 0.00	29.10 1.52 0.00	29.72 1.50 0.00	36.03 2.01 3.77	31.35 1.68 0.00	26.95 1.54 0.00	29.82 1.75 0.00	32.90 2.05 0.00	33.70 2.34 0.00	34.63 2.45 0.00	25.82 1.82 0.00	30.47 2.05 0.00	27.65 1.72 0.00	32.83 1.97 0.00	25.31 1.46 0.00
ARTHUR_KILL_2 23512	25.15 1.18 0.00	25.17 1.21 0.00	24.03 1.00 0.00	24.93 1.12 0.00	23.00 1.07 0.00	25.98 1.25 0.00	27.09 1.68 0.00	27.52 1.74 0.00	26.44 1.39 0.00	26.53 1.33 0.00	29.03 1.45 0.00	29.66 1.43 0.00	35.94 1.92 3.77	31.28 1.61 0.00	26.88 1.47 0.00	29.75 1.68 0.00	32.81 1.96 0.00	33.61 2.25 0.00	34.54 2.35 0.00	25.76 1.76 0.00	30.39 1.97 0.00	27.57 1.64 0.00	32.76 1.89 0.00	25.25 1.40 0.00
ARTHUR_KILL_3 23513	25.07 1.11 0.00	25.07 1.12 0.00	23.95 0.93 0.00	24.85 1.04 0.00	22.91 0.98 0.00	25.89 1.15 0.00	27.02 1.60 0.00	27.50 1.72 0.00	26.47 1.42 0.00	26.63 1.43 0.00	29.15 1.57 0.00	29.79 1.56 0.00	36.19 2.00 3.60	31.24 1.57 0.00	26.83 1.42 0.00	29.75 1.68 0.00	32.78 1.93 0.00	33.71 2.35 0.00	34.53 2.34 0.00	25.59 1.60 0.00	30.22 1.79 0.00	27.46 1.53 0.00	32.60 1.73 0.00	25.09 1.25 0.00
ARTHUR_KILL_COGEN 323718	25.20 1.24 0.00	25.22 1.27 0.00	24.09 1.06 0.00	24.99 1.18 0.00	23.05 1.12 0.00	26.05 1.31 0.00	27.16 1.75 0.00	27.59 1.81 0.00	26.51 1.46 0.00	26.60 1.41 0.00	29.10 1.52 0.00	29.72 1.50 0.00	36.03 2.01 3.77	31.35 1.68 0.00	26.95 1.54 0.00	29.82 1.75 0.00	32.90 2.05 0.00	33.70 2.34 0.00	34.63 2.45 0.00	25.82 1.82 0.00	30.47 2.05 0.00	27.65 1.72 0.00	32.83 1.97 0.00	25.31 1.46 0.00
ASHOKAN____ 23654	25.32 1.35 0.00	25.34 1.38 0.00	24.29 1.27 0.00	25.17 1.35 0.00	23.20 1.27 0.00	26.33 1.59 0.00	27.45 2.03 0.00	28.01 2.23 0.00	27.18 2.14 0.00	27.28 2.08 0.00	29.81 2.23 0.00	30.42 2.19 0.00	40.35 2.56 0.00	31.32 1.65 0.00	27.00 1.59 0.00	30.08 2.01 0.00	33.14 2.29 0.00	34.03 2.67 0.00	34.94 2.75 0.00	25.98 1.98 0.00	30.71 2.29 0.00	27.86 1.93 0.00	32.97 2.10 0.00	25.42 1.58 0.00



Astoria_East_Energy_CC1 323581	24.98 1.02 0.00	24.99 1.04 0.00	23.88 0.86 0.00	24.76 0.94 0.00	22.84 0.91 0.00	25.80 1.07 0.00	26.96 1.55 0.00	27.52 1.75 0.00	26.54 1.50 0.00	26.70 1.50 0.00	29.21 1.64 0.00	29.84 1.61 0.00	39.84 2.05 0.00	31.29 1.62 0.00	26.89 1.49 0.00	29.75 1.68 0.00	32.74 1.90 0.00	33.66 2.30 0.00	34.46 2.28 0.01	25.59 1.60 0.00	30.24 1.82 0.00	27.48 1.55 0.00	32.56 1.69 0.00	25.08 1.23 0.00
Astoria_East_Energy_CC2 323582	24.98 1.02 0.00	24.99 1.04 0.00	23.88 0.86 0.00	24.76 0.94 0.00	22.84 0.91 0.00	25.80 1.07 0.00	26.96 1.55 0.00	27.52 1.75 0.00	26.54 1.50 0.00	26.70 1.50 0.00	29.21 1.64 0.00	29.84 1.61 0.00	39.84 2.05 0.00	31.29 1.62 0.00	26.89 1.49 0.00	29.75 1.68 0.00	32.74 1.90 0.00	33.66 2.30 0.00	34.46 2.28 0.01	25.59 1.60 0.00	30.24 1.82 0.00	27.48 1.55 0.00	32.56 1.69 0.00	25.08 1.23 0.00
Astoria_GT2_1 24094	25.00 1.03 0.00	25.01 1.05 0.00	23.90 0.87 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.82 1.08 0.00	26.98 1.57 0.00	27.55 1.77 0.00	26.55 1.51 0.00	26.70 1.51 0.00	29.22 1.64 0.00	29.84 1.61 0.00	39.87 2.08 0.00	31.30 1.63 0.00	26.91 1.50 0.00	29.76 1.69 0.00	32.76 1.91 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.27 1.85 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.09 1.24 0.00
Astoria_GT2_2 24095	25.00 1.03 0.00	25.01 1.05 0.00	23.90 0.87 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.82 1.08 0.00	26.98 1.57 0.00	27.55 1.77 0.00	26.55 1.51 0.00	26.70 1.51 0.00	29.22 1.64 0.00	29.84 1.61 0.00	39.87 2.08 0.00	31.30 1.63 0.00	26.91 1.50 0.00	29.76 1.69 0.00	32.76 1.91 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.27 1.85 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.09 1.24 0.00
Astoria_GT2_3 24096	25.00 1.03 0.00	25.01 1.05 0.00	23.90 0.87 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.82 1.08 0.00	26.98 1.57 0.00	27.55 1.77 0.00	26.55 1.51 0.00	26.70 1.51 0.00	29.22 1.64 0.00	29.84 1.61 0.00	39.87 2.08 0.00	31.30 1.63 0.00	26.91 1.50 0.00	29.76 1.69 0.00	32.76 1.91 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.27 1.85 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.09 1.24 0.00
Astoria_GT2_4 24097	25.00 1.03 0.00	25.01 1.05 0.00	23.90 0.87 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.82 1.08 0.00	26.98 1.57 0.00	27.55 1.77 0.00	26.55 1.51 0.00	26.70 1.51 0.00	29.22 1.64 0.00	29.84 1.61 0.00	39.87 2.08 0.00	31.30 1.63 0.00	26.91 1.50 0.00	29.76 1.69 0.00	32.76 1.91 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.27 1.85 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.09 1.24 0.00
Astoria_GT3_1 24098	25.00 1.03 0.00	25.01 1.05 0.00	23.90 0.87 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.82 1.08 0.00	26.98 1.57 0.00	27.55 1.77 0.00	26.55 1.51 0.00	26.70 1.51 0.00	29.22 1.64 0.00	29.84 1.61 0.00	39.87 2.08 0.00	31.30 1.63 0.00	26.91 1.50 0.00	29.76 1.69 0.00	32.76 1.91 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.27 1.85 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.09 1.24 0.00
Astoria_GT3_2 24099	25.00 1.03 0.00	25.01 1.05 0.00	23.90 0.87 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.82 1.08 0.00	26.98 1.57 0.00	27.55 1.77 0.00	26.55 1.51 0.00	26.70 1.51 0.00	29.22 1.64 0.00	29.84 1.61 0.00	39.87 2.08 0.00	31.30 1.63 0.00	26.91 1.50 0.00	29.76 1.69 0.00	32.76 1.91 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.27 1.85 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.09 1.24 0.00
Astoria_GT3_3 24100	25.00 1.03 0.00	25.01 1.05 0.00	23.90 0.87 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.82 1.08 0.00	26.98 1.57 0.00	27.55 1.77 0.00	26.55 1.51 0.00	26.70 1.51 0.00	29.22 1.64 0.00	29.84 1.61 0.00	39.87 2.08 0.00	31.30 1.63 0.00	26.91 1.50 0.00	29.76 1.69 0.00	32.76 1.91 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.27 1.85 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.09 1.24 0.00
Astoria_GT3_4 24101	25.00 1.03 0.00	25.01 1.05 0.00	23.90 0.87 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.82 1.08 0.00	26.98 1.57 0.00	27.55 1.77 0.00	26.55 1.51 0.00	26.70 1.51 0.00	29.22 1.64 0.00	29.84 1.61 0.00	39.87 2.08 0.00	31.30 1.63 0.00	26.91 1.50 0.00	29.76 1.69 0.00	32.76 1.91 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.27 1.85 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.09 1.24 0.00
Astoria_GT4_1 24102	25.00 1.03 0.00	25.01 1.05 0.00	23.90 0.87 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.82 1.08 0.00	26.98 1.57 0.00	27.55 1.77 0.00	26.55 1.51 0.00	26.70 1.51 0.00	29.22 1.64 0.00	29.84 1.61 0.00	39.87 2.08 0.00	31.30 1.63 0.00	26.91 1.50 0.00	29.76 1.69 0.00	32.76 1.91 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.27 1.85 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.09 1.24 0.00
Astoria_GT4_2 24103	25.00 1.03 0.00	25.01 1.05 0.00	23.90 0.87 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.82 1.08 0.00	26.98 1.57 0.00	27.55 1.77 0.00	26.55 1.51 0.00	26.70 1.51 0.00	29.22 1.64 0.00	29.84 1.61 0.00	39.87 2.08 0.00	31.30 1.63 0.00	26.91 1.50 0.00	29.76 1.69 0.00	32.76 1.91 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.27 1.85 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.09 1.24 0.00
Astoria_GT4_3 24104	25.00 1.03 0.00	25.01 1.05 0.00	23.90 0.87 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.82 1.08 0.00	26.98 1.57 0.00	27.55 1.77 0.00	26.55 1.51 0.00	26.70 1.51 0.00	29.22 1.64 0.00	29.84 1.61 0.00	39.87 2.08 0.00	31.30 1.63 0.00	26.91 1.50 0.00	29.76 1.69 0.00	32.76 1.91 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.27 1.85 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.09 1.24 0.00
Astoria_GT4_4 24105	25.00 1.03 0.00	25.01 1.05 0.00	23.90 0.87 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.82 1.08 0.00	26.98 1.57 0.00	27.55 1.77 0.00	26.55 1.51 0.00	26.70 1.51 0.00	29.22 1.64 0.00	29.84 1.61 0.00	39.87 2.08 0.00	31.30 1.63 0.00	26.91 1.50 0.00	29.76 1.69 0.00	32.76 1.91 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.27 1.85 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.09 1.24 0.00
Astoria_GT_1 23523	25.04 1.08 0.00	25.05 1.09 0.00	23.93 0.91 0.00	24.81 0.99 0.00	22.88 0.95 0.00	25.86 1.13 0.00	27.03 1.62 0.00	27.59 1.81 0.00	26.62 1.57 0.00	26.77 1.57 0.00	29.29 1.71 0.00	29.91 1.68 0.00	39.95 2.16 0.00	31.36 1.69 0.00	26.96 1.56 0.00	29.82 1.75 0.00	32.83 1.98 0.00	33.76 2.40 0.00	34.54 2.37 0.01	25.65 1.66 0.00	30.32 1.90 0.00	27.55 1.61 0.00	32.65 1.78 0.00	25.13 1.28 0.00



ASTORIA_GT_10 24110	25.09 1.13 0.00	25.10 1.15 0.00	23.99 0.96 0.00	24.87 1.05 0.00	22.92 0.99 0.00	25.93 1.19 0.00	27.07 1.66 0.00	27.60 1.82 0.00	26.61 1.57 0.00	26.76 1.57 0.00	29.29 1.72 0.00	29.94 1.71 0.00	40.01 2.22 0.00	31.41 1.75 0.00	26.98 1.57 0.00	29.88 1.80 0.00	32.90 2.05 0.00	33.81 2.45 0.00	34.63 2.45 0.00	25.70 1.70 0.00	30.35 1.92 0.00	27.57 1.63 0.00	32.67 1.81 0.00	25.16 1.31 0.00
ASTORIA_GT_11 24225	25.09 1.13 0.00	25.10 1.15 0.00	23.99 0.96 0.00	24.87 1.05 0.00	22.92 0.99 0.00	25.93 1.19 0.00	27.07 1.66 0.00	27.60 1.82 0.00	26.61 1.57 0.00	26.76 1.57 0.00	29.29 1.72 0.00	29.94 1.71 0.00	40.01 2.22 0.00	31.41 1.75 0.00	26.98 1.57 0.00	29.88 1.80 0.00	32.90 2.05 0.00	33.81 2.45 0.00	34.63 2.45 0.00	25.70 1.70 0.00	30.35 1.92 0.00	27.57 1.63 0.00	32.67 1.81 0.00	25.16 1.31 0.00
ASTORIA_GT_12 24226	25.09 1.13 0.00	25.10 1.15 0.00	23.99 0.96 0.00	24.87 1.05 0.00	22.92 0.99 0.00	25.93 1.19 0.00	27.07 1.66 0.00	27.60 1.82 0.00	26.61 1.57 0.00	26.76 1.57 0.00	29.29 1.72 0.00	29.94 1.71 0.00	40.01 2.22 0.00	31.41 1.75 0.00	26.98 1.57 0.00	29.88 1.80 0.00	32.90 2.05 0.00	33.81 2.45 0.00	34.63 2.45 0.00	25.70 1.70 0.00	30.35 1.92 0.00	27.57 1.63 0.00	32.67 1.81 0.00	25.16 1.31 0.00
ASTORIA_GT_13 24227	25.09 1.13 0.00	25.10 1.15 0.00	23.99 0.96 0.00	24.87 1.05 0.00	22.92 0.99 0.00	25.93 1.19 0.00	27.07 1.66 0.00	27.60 1.82 0.00	26.61 1.57 0.00	26.76 1.57 0.00	29.29 1.72 0.00	29.94 1.71 0.00	40.01 2.22 0.00	31.41 1.75 0.00	26.98 1.57 0.00	29.88 1.80 0.00	32.90 2.05 0.00	33.81 2.45 0.00	34.63 2.45 0.00	25.70 1.70 0.00	30.35 1.92 0.00	27.57 1.63 0.00	32.67 1.81 0.00	25.16 1.31 0.00
ASTORIA_GT_5 24106	25.04 1.08 0.00	25.05 1.09 0.00	23.93 0.91 0.00	24.81 0.99 0.00	22.88 0.95 0.00	25.86 1.13 0.00	27.03 1.62 0.00	27.59 1.81 0.00	26.62 1.57 0.00	26.77 1.57 0.00	29.29 1.71 0.00	29.91 1.68 0.00	39.95 2.16 0.00	31.36 1.69 0.00	26.96 1.56 0.00	29.82 1.75 0.00	32.83 1.98 0.00	33.76 2.40 0.00	34.54 2.37 0.01	25.65 1.66 0.00	30.32 1.90 0.00	27.55 1.61 0.00	32.65 1.78 0.00	25.13 1.28 0.00
ASTORIA_GT_7 24107	25.04 1.08 0.00	25.05 1.09 0.00	23.93 0.91 0.00	24.81 0.99 0.00	22.88 0.95 0.00	25.86 1.13 0.00	27.03 1.62 0.00	27.59 1.81 0.00	26.62 1.57 0.00	26.77 1.57 0.00	29.29 1.71 0.00	29.91 1.68 0.00	39.95 2.16 0.00	31.36 1.69 0.00	26.96 1.56 0.00	29.82 1.75 0.00	32.83 1.98 0.00	33.76 2.40 0.00	34.54 2.37 0.01	25.65 1.66 0.00	30.32 1.90 0.00	27.55 1.61 0.00	32.65 1.78 0.00	25.13 1.28 0.00
ASTORIA_GT_8 24108	25.04 1.08 0.00	25.05 1.09 0.00	23.93 0.91 0.00	24.80 0.98 0.00	22.85 0.92 0.00	25.86 1.13 0.00	27.03 1.62 0.00	27.60 1.82 0.00	26.61 1.57 0.00	26.76 1.56 0.00	29.28 1.70 0.00	29.90 1.67 0.00	39.96 2.17 0.00	31.36 1.69 0.00	26.96 1.55 0.00	29.82 1.75 0.00	32.83 1.98 0.00	33.75 2.40 0.00	34.54 2.36 0.01	25.65 1.66 0.00	30.33 1.91 0.00	27.54 1.61 0.00	32.64 1.78 0.00	25.13 1.28 0.00
ASTORIA___2 24149	25.00 1.03 0.00	25.00 1.05 0.00	23.90 0.87 0.00	24.77 0.95 0.00	22.85 0.92 0.00	25.82 1.08 0.00	26.98 1.57 0.00	27.54 1.76 0.00	26.56 1.52 0.00	26.71 1.51 0.00	29.23 1.65 0.00	29.85 1.62 0.00	39.86 2.07 0.00	31.30 1.63 0.00	26.91 1.50 0.00	29.76 1.69 0.00	32.76 1.91 0.00	33.68 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.27 1.84 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.09 1.24 0.00
ASTORIA___3 23516	25.09 1.13 0.00	25.10 1.15 0.00	23.99 0.96 0.00	24.87 1.06 0.00	22.94 1.01 0.00	25.93 1.19 0.00	27.07 1.66 0.00	27.59 1.82 0.00	26.61 1.57 0.00	26.77 1.57 0.00	29.30 1.73 0.00	29.95 1.72 0.00	40.00 2.21 0.00	31.41 1.75 0.00	26.98 1.57 0.00	29.87 1.80 0.00	32.90 2.05 0.00	33.81 2.45 0.00	34.63 2.45 0.00	25.70 1.70 0.00	30.35 1.92 0.00	27.57 1.63 0.00	32.68 1.81 0.00	25.15 1.31 0.00
ASTORIA___4 23517	25.09 1.13 0.00	25.10 1.15 0.00	23.99 0.96 0.00	24.87 1.05 0.00	22.92 0.99 0.00	25.93 1.19 0.00	27.07 1.66 0.00	27.60 1.82 0.00	26.61 1.57 0.00	26.76 1.57 0.00	29.29 1.72 0.00	29.94 1.71 0.00	40.01 2.22 0.00	31.41 1.75 0.00	26.98 1.57 0.00	29.88 1.80 0.00	32.90 2.05 0.00	33.81 2.45 0.00	34.63 2.45 0.00	25.70 1.70 0.00	30.35 1.92 0.00	27.57 1.63 0.00	32.67 1.81 0.00	25.16 1.31 0.00
ASTORIA___5 23518	25.09 1.13 0.00	25.10 1.15 0.00	23.99 0.96 0.00	24.87 1.06 0.00	22.94 1.01 0.00	25.93 1.19 0.00	27.07 1.66 0.00	27.59 1.82 0.00	26.61 1.57 0.00	26.77 1.57 0.00	29.30 1.73 0.00	29.95 1.72 0.00	40.00 2.21 0.00	31.41 1.75 0.00	26.98 1.57 0.00	29.87 1.80 0.00	32.90 2.05 0.00	33.81 2.45 0.00	34.63 2.45 0.00	25.70 1.70 0.00	30.35 1.92 0.00	27.57 1.63 0.00	32.68 1.81 0.00	25.15 1.31 0.00
AST_ENERGY_2_CC3 323677	25.06 1.10 0.00	25.06 1.11 0.00	23.95 0.93 0.00	24.84 1.02 0.00	22.90 0.97 0.00	25.87 1.14 0.00	27.00 1.59 0.00	27.50 1.72 0.00	26.51 1.47 0.00	26.68 1.48 0.00	29.21 1.63 0.00	29.85 1.62 0.00	39.87 2.07 0.00	31.29 1.63 0.00	26.89 1.49 0.00	29.78 1.71 0.00	32.78 1.93 0.00	33.71 2.35 0.00	34.54 2.36 0.00	25.62 1.62 0.00	30.25 1.83 0.00	27.49 1.56 0.00	32.58 1.71 0.00	24.38 1.25 0.72
AST_ENERGY_2_CC4 323678	25.06 1.10 0.00	25.06 1.11 0.00	23.95 0.93 0.00	24.84 1.02 0.00	22.90 0.97 0.00	25.87 1.14 0.00	27.00 1.59 0.00	27.50 1.72 0.00	26.51 1.47 0.00	26.68 1.48 0.00	29.21 1.63 0.00	29.85 1.62 0.00	39.87 2.07 0.00	31.29 1.63 0.00	26.89 1.49 0.00	29.78 1.71 0.00	32.78 1.93 0.00	33.71 2.35 0.00	34.54 2.36 0.00	25.62 1.62 0.00	30.25 1.83 0.00	27.49 1.56 0.00	32.58 1.71 0.00	24.38 1.25 0.72
ATHENS_STG_1 23668	24.52 0.56 0.00	24.56 0.60 0.00	23.56 0.54 0.00	24.41 0.60 0.00	22.47 0.54 0.00	25.38 0.64 0.00	26.34 0.93 0.00	26.79 1.01 0.00	25.90 0.85 0.00	26.05 0.85 0.00	28.51 0.93 0.00	29.15 0.92 0.00	38.93 1.15 0.00	30.54 0.87 0.00	26.22 0.81 0.00	29.01 0.94 0.00	31.87 1.02 0.00	32.64 1.28 0.00	33.44 1.26 0.00	24.87 0.87 0.00	29.43 1.00 0.00	26.78 0.85 0.00	31.79 0.93 0.00	24.55 0.70 0.00
ATHENS_STG_2 23670	24.52 0.56 0.00	24.56 0.60 0.00	23.56 0.54 0.00	24.41 0.60 0.00	22.47 0.54 0.00	25.38 0.64 0.00	26.34 0.93 0.00	26.79 1.01 0.00	25.90 0.85 0.00	26.05 0.85 0.00	28.51 0.93 0.00	29.15 0.92 0.00	38.93 1.15 0.00	30.54 0.87 0.00	26.22 0.81 0.00	29.01 0.94 0.00	31.87 1.02 0.00	32.64 1.28 0.00	33.44 1.26 0.00	24.87 0.87 0.00	29.43 1.00 0.00	26.78 0.85 0.00	31.79 0.93 0.00	24.55 0.70 0.00



ATHENS_STG_3 23677	24.52 0.56 0.00	24.56 0.60 0.00	23.56 0.54 0.00	24.41 0.60 0.00	22.47 0.54 0.00	25.38 0.64 0.00	26.34 0.93 0.00	26.79 1.01 0.00	25.90 0.85 0.00	26.05 0.85 0.00	28.51 0.93 0.00	29.15 0.92 0.00	38.93 1.15 0.00	30.54 0.87 0.00	26.22 0.81 0.00	29.01 0.94 0.00	31.87 1.02 0.00	32.64 1.28 0.00	33.44 1.26 0.00	24.87 0.87 0.00	29.43 1.00 0.00	26.78 0.85 0.00	31.79 0.93 0.00	24.55 0.70 0.00
AUBURN___LFGE 323710	23.83 -0.13 0.00	23.87 -0.08 0.00	22.93 -0.09 0.00	23.72 -0.09 0.00	21.83 -0.10 0.00	24.62 -0.12 0.00	25.35 -0.06 0.00	25.73 -0.05 0.00	24.95 -0.09 0.00	25.05 -0.15 0.00	27.35 -0.23 0.00	27.92 -0.31 0.00	37.27 -0.52 0.00	29.27 -0.40 0.00	25.03 -0.38 0.00	27.67 -0.41 0.00	30.61 -0.24 0.00	31.37 0.01 0.00	32.10 -0.09 0.00	23.81 -0.19 0.00	28.11 -0.31 0.00	25.65 -0.28 0.00	30.59 -0.28 0.00	23.58 -0.27 0.00
BABYLON_RES_REC 323704	25.44 1.48 0.00	41.02 1.57 -15.49	24.42 1.39 0.00	28.50 1.52 -3.17	24.09 1.41 -0.75	26.31 1.57 0.00	27.44 2.02 0.00	27.81 2.03 0.00	26.85 1.80 0.00	27.04 1.84 0.00	30.19 2.17 -0.44	43.66 2.16 -13.26	40.95 2.65 -0.51	44.82 2.22 -12.93	28.38 1.93 -1.04	30.20 2.13 0.00	33.22 2.37 0.00	34.25 2.89 0.00	34.98 2.80 0.00	25.93 1.94 0.00	30.67 2.25 0.00	27.90 1.96 0.00	33.06 2.19 0.00	26.12 1.68 -0.59
BABYLON__69_KV_BK2 356345	25.61 1.65 0.00	41.19 1.75 -15.49	24.60 1.57 0.00	28.69 1.71 -3.17	24.25 1.57 -0.75	26.52 1.78 0.00	27.66 2.25 0.00	28.04 2.26 0.00	27.05 2.01 0.00	27.24 2.04 0.00	30.37 2.35 -0.44	43.85 2.36 -13.26	41.26 2.97 -0.51	45.07 2.47 -12.93	28.61 2.15 -1.04	30.45 2.37 0.00	33.46 2.60 0.00	34.50 3.15 0.00	35.28 3.10 0.00	26.16 2.16 0.00	30.95 2.53 0.00	28.13 2.19 0.00	33.31 2.45 0.00	26.32 1.88 -0.59
BALL_HILL_WT_PWR 323825	22.89 -1.07 0.00	23.05 -0.91 0.00	22.12 -0.91 0.00	22.82 -0.99 0.00	21.07 -0.86 0.00	23.83 -0.91 0.00	24.35 -1.06 0.00	24.60 -1.17 0.00	23.91 -1.13 0.00	23.81 -1.39 0.00	25.76 -1.82 0.00	26.33 -1.90 0.00	35.12 -2.67 0.00	27.62 -2.05 0.00	23.52 -1.89 0.00	25.95 -2.13 0.00	28.54 -2.31 0.00	29.63 -1.72 0.00	30.37 -1.81 0.00	22.13 -1.87 0.00	26.40 -2.02 0.00	23.90 -2.03 0.00	28.70 -2.17 0.00	21.93 -1.91 0.00
BARON_WINDS___WT_PWR 323822	22.49 -1.47 0.00	22.68 -1.28 0.00	21.74 -1.28 0.00	22.46 -1.35 0.00	20.63 -1.29 0.00	23.39 -1.35 0.00	24.09 -1.32 0.00	24.42 -1.36 0.00	23.88 -1.17 0.00	23.81 -1.39 0.00	25.87 -1.72 0.00	26.48 -1.75 0.00	35.29 -2.51 0.00	27.68 -1.99 0.00	23.48 -1.92 0.00	25.98 -2.09 0.00	28.66 -2.20 0.00	29.76 -1.60 0.00	30.77 -1.41 0.00	22.47 -1.53 0.00	26.55 -1.87 0.00	24.08 -1.85 0.00	28.77 -2.09 0.00	21.99 -1.86 0.00
BARRETT_IC_1 23704	25.39 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.64 1.86 0.00	26.71 1.66 0.00	26.90 1.70 0.00	30.00 1.98 -0.44	43.47 1.98 -13.26	40.75 2.45 -0.51	44.56 1.96 -12.93	28.19 1.74 -1.04	30.01 1.93 0.00	32.94 2.08 0.00	33.93 2.57 0.00	34.72 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.84 0.00	32.96 2.09 0.00	26.03 1.59 -0.59
BARRETT_IC_10 23701	25.39 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.64 1.86 0.00	26.71 1.66 0.00	26.90 1.70 0.00	30.00 1.98 -0.44	43.47 1.98 -13.26	40.75 2.45 -0.51	44.56 1.96 -12.93	28.19 1.74 -1.04	30.01 1.93 0.00	32.94 2.08 0.00	33.93 2.57 0.00	34.72 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.84 0.00	32.96 2.09 0.00	26.03 1.59 -0.59
BARRETT_IC_11 23702	25.39 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.64 1.86 0.00	26.71 1.66 0.00	26.90 1.70 0.00	30.00 1.98 -0.44	43.47 1.98 -13.26	40.75 2.45 -0.51	44.56 1.96 -12.93	28.19 1.74 -1.04	30.01 1.93 0.00	32.94 2.08 0.00	33.93 2.57 0.00	34.72 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.84 0.00	32.96 2.09 0.00	26.03 1.59 -0.59
BARRETT_IC_12 23703	25.39 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.64 1.86 0.00	26.71 1.66 0.00	26.90 1.70 0.00	30.00 1.98 -0.44	43.47 1.98 -13.26	40.75 2.45 -0.51	44.56 1.96 -12.93	28.19 1.74 -1.04	30.01 1.93 0.00	32.94 2.08 0.00	33.93 2.57 0.00	34.72 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.84 0.00	32.96 2.09 0.00	26.03 1.59 -0.59
BARRETT_IC_2 23705	25.39 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.64 1.86 0.00	26.71 1.66 0.00	26.90 1.70 0.00	30.00 1.98 -0.44	43.47 1.98 -13.26	40.75 2.45 -0.51	44.56 1.96 -12.93	28.19 1.74 -1.04	30.01 1.93 0.00	32.94 2.08 0.00	33.93 2.57 0.00	34.72 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.84 0.00	32.96 2.09 0.00	26.03 1.59 -0.59
BARRETT_IC_3 23706	25.39 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.64 1.86 0.00	26.71 1.66 0.00	26.90 1.70 0.00	30.00 1.98 -0.44	43.47 1.98 -13.26	40.75 2.45 -0.51	44.56 1.96 -12.93	28.19 1.74 -1.04	30.01 1.93 0.00	32.94 2.08 0.00	33.93 2.57 0.00	34.72 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.84 0.00	32.96 2.09 0.00	26.03 1.59 -0.59
BARRETT_IC_4 23707	25.39 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.64 1.86 0.00	26.71 1.66 0.00	26.90 1.70 0.00	30.00 1.98 -0.44	43.47 1.98 -13.26	40.75 2.45 -0.51	44.56 1.96 -12.93	28.19 1.74 -1.04	30.01 1.93 0.00	32.94 2.08 0.00	33.93 2.57 0.00	34.72 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.84 0.00	32.96 2.09 0.00	26.03 1.59 -0.59
BARRETT_IC_5 23708	25.39 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.64 1.86 0.00	26.71 1.66 0.00	26.90 1.70 0.00	30.00 1.98 -0.44	43.47 1.98 -13.26	40.75 2.45 -0.51	44.56 1.96 -12.93	28.19 1.74 -1.04	30.01 1.93 0.00	32.94 2.08 0.00	33.93 2.57 0.00	34.72 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.84 0.00	32.96 2.09 0.00	26.03 1.59 -0.59
BARRETT_IC_6 23709	25.39 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.64 1.86 0.00	26.71 1.66 0.00	26.90 1.70 0.00	30.00 1.98 -0.44	43.47 1.98 -13.26	40.75 2.45 -0.51	44.56 1.96 -12.93	28.19 1.74 -1.04	30.01 1.93 0.00	32.94 2.08 0.00	33.93 2.57 0.00	34.72 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.84 0.00	32.96 2.09 0.00	26.03 1.59 -0.59



BARRETT_IC_7 23710	25.40 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.00 1.33 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.66 1.88 0.00	26.71 1.67 0.00	26.89 1.70 0.00	29.99 1.97 -0.44	43.45 1.96 -13.26	40.75 2.45 -0.51	44.55 1.95 -12.93	28.19 1.74 -1.04	30.01 1.94 0.00	32.93 2.08 0.00	33.93 2.57 0.00	34.73 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.85 0.00	32.95 2.09 0.00	26.03 1.59 -0.59
BARRETT_IC_8 23711	25.39 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.64 1.86 0.00	26.71 1.66 0.00	26.90 1.70 0.00	30.00 1.98 -0.44	43.47 1.98 -13.26	40.75 2.45 -0.51	44.56 1.96 -12.93	28.19 1.74 -1.04	30.01 1.93 0.00	32.94 2.08 0.00	33.93 2.57 0.00	34.72 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.84 0.00	32.96 2.09 0.00	26.03 1.59 -0.59
BARRETT_IC_9 23700	25.39 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.64 1.86 0.00	26.71 1.66 0.00	26.90 1.70 0.00	30.00 1.98 -0.44	43.47 1.98 -13.26	40.75 2.45 -0.51	44.56 1.96 -12.93	28.19 1.74 -1.04	30.01 1.93 0.00	32.94 2.08 0.00	33.93 2.57 0.00	34.72 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.84 0.00	32.96 2.09 0.00	26.03 1.59 -0.59
BARRETT___1 23545	25.39 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.64 1.86 0.00	26.71 1.66 0.00	26.90 1.70 0.00	30.00 1.98 -0.44	43.47 1.98 -13.26	40.75 2.45 -0.51	44.56 1.96 -12.93	28.19 1.74 -1.04	30.01 1.93 0.00	32.94 2.08 0.00	33.93 2.57 0.00	34.72 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.84 0.00	32.96 2.09 0.00	26.03 1.59 -0.59
BARRETT___2 23546	25.39 1.44 0.00	40.97 1.53 -15.49	24.36 1.34 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.22 1.48 0.00	27.28 1.87 0.00	27.64 1.86 0.00	26.71 1.66 0.00	26.90 1.70 0.00	30.00 1.98 -0.44	43.47 1.98 -13.26	40.75 2.45 -0.51	44.56 1.96 -12.93	28.19 1.74 -1.04	30.01 1.93 0.00	32.94 2.08 0.00	33.93 2.57 0.00	34.72 2.54 0.00	25.77 1.77 0.00	30.51 2.09 0.00	27.78 1.84 0.00	32.96 2.09 0.00	26.03 1.59 -0.59
BATAVIA___115KV_TB1 55881	23.47 -0.49 0.00	23.60 -0.35 0.00	22.66 -0.36 0.00	23.39 -0.42 0.00	21.69 -0.24 0.00	24.45 -0.29 0.00	24.98 -0.44 0.00	25.15 -0.62 0.00	24.53 -0.51 0.00	24.43 -0.77 0.00	26.42 -1.16 0.00	26.96 -1.27 0.00	35.84 -1.95 0.00	28.30 -1.36 0.00	24.07 -1.34 0.00	26.40 -1.67 0.00	29.11 -1.74 0.00	30.25 -1.11 0.00	30.98 -1.21 0.00	22.65 -1.35 0.00	27.02 -1.40 0.00	24.35 -1.58 0.00	29.11 -1.75 0.00	22.37 -1.48 0.00
BAYONEEC___CTG1 323682	25.14 1.18 0.00	25.14 1.18 0.00	24.03 1.00 0.00	24.92 1.11 0.00	22.97 1.04 0.00	25.95 1.22 0.00	27.09 1.68 0.00	27.59 1.81 0.00	26.58 1.54 0.00	26.74 1.55 0.00	29.28 1.71 0.00	29.93 1.70 0.00	39.96 2.17 0.00	31.37 1.71 0.00	26.95 1.54 0.00	29.86 1.78 0.00	32.87 2.02 0.00	33.80 2.44 0.00	34.63 2.45 0.00	25.68 1.69 0.00	30.33 1.91 0.00	27.56 1.63 0.00	32.69 1.82 0.00	25.17 1.32 0.00
BAYONEEC___CTG10 323750	25.14 1.18 0.00	25.14 1.18 0.00	24.03 1.00 0.00	24.92 1.11 0.00	22.97 1.04 0.00	25.95 1.22 0.00	27.09 1.68 0.00	27.59 1.81 0.00	26.58 1.54 0.00	26.74 1.55 0.00	29.28 1.71 0.00	29.93 1.70 0.00	39.96 2.17 0.00	31.37 1.71 0.00	26.95 1.54 0.00	29.86 1.78 0.00	32.87 2.02 0.00	33.80 2.44 0.00	34.63 2.45 0.00	25.68 1.69 0.00	30.33 1.91 0.00	27.56 1.63 0.00	32.69 1.82 0.00	25.17 1.32 0.00
BAYONEEC___CTG2 323683	25.14 1.18 0.00	25.14 1.18 0.00	24.03 1.00 0.00	24.92 1.11 0.00	22.97 1.04 0.00	25.95 1.22 0.00	27.09 1.68 0.00	27.59 1.81 0.00	26.58 1.54 0.00	26.74 1.55 0.00	29.28 1.71 0.00	29.93 1.70 0.00	39.96 2.17 0.00	31.37 1.71 0.00	26.95 1.54 0.00	29.86 1.78 0.00	32.87 2.02 0.00	33.80 2.44 0.00	34.63 2.45 0.00	25.68 1.69 0.00	30.33 1.91 0.00	27.56 1.63 0.00	32.69 1.82 0.00	25.17 1.32 0.00
BAYONEEC___CTG3 323684	25.14 1.18 0.00	25.14 1.18 0.00	24.03 1.00 0.00	24.92 1.11 0.00	22.97 1.04 0.00	25.95 1.22 0.00	27.09 1.68 0.00	27.59 1.81 0.00	26.58 1.54 0.00	26.74 1.55 0.00	29.28 1.71 0.00	29.93 1.70 0.00	39.96 2.17 0.00	31.37 1.71 0.00	26.95 1.54 0.00	29.86 1.78 0.00	32.87 2.02 0.00	33.80 2.44 0.00	34.63 2.45 0.00	25.68 1.69 0.00	30.33 1.91 0.00	27.56 1.63 0.00	32.69 1.82 0.00	25.17 1.32 0.00
BAYONEEC___CTG4 323685	25.14 1.18 0.00	25.14 1.18 0.00	24.03 1.00 0.00	24.92 1.11 0.00	22.97 1.04 0.00	25.95 1.22 0.00	27.09 1.68 0.00	27.59 1.81 0.00	26.58 1.54 0.00	26.74 1.55 0.00	29.28 1.71 0.00	29.93 1.70 0.00	39.96 2.17 0.00	31.37 1.71 0.00	26.95 1.54 0.00	29.86 1.78 0.00	32.87 2.02 0.00	33.80 2.44 0.00	34.63 2.45 0.00	25.68 1.69 0.00	30.33 1.91 0.00	27.56 1.63 0.00	32.69 1.82 0.00	25.17 1.32 0.00
BAYONEEC___CTG5 323686	25.14 1.18 0.00	25.14 1.18 0.00	24.03 1.00 0.00	24.92 1.11 0.00	22.97 1.04 0.00	25.95 1.22 0.00	27.09 1.68 0.00	27.59 1.81 0.00	26.58 1.54 0.00	26.74 1.55 0.00	29.28 1.71 0.00	29.93 1.70 0.00	39.96 2.17 0.00	31.37 1.71 0.00	26.95 1.54 0.00	29.86 1.78 0.00	32.87 2.02 0.00	33.80 2.44 0.00	34.63 2.45 0.00	25.68 1.69 0.00	30.33 1.91 0.00	27.56 1.63 0.00	32.69 1.82 0.00	25.17 1.32 0.00
BAYONEEC___CTG6 323687	25.14 1.18 0.00	25.14 1.18 0.00	24.03 1.00 0.00	24.92 1.11 0.00	22.97 1.04 0.00	25.95 1.22 0.00	27.09 1.68 0.00	27.59 1.81 0.00	26.58 1.54 0.00	26.74 1.55 0.00	29.28 1.71 0.00	29.93 1.70 0.00	39.96 2.17 0.00	31.37 1.71 0.00	26.95 1.54 0.00	29.86 1.78 0.00	32.87 2.02 0.00	33.80 2.44 0.00	34.63 2.45 0.00	25.68 1.69 0.00	30.33 1.91 0.00	27.56 1.63 0.00	32.69 1.82 0.00	25.17 1.32 0.00
BAYONEEC___CTG7 323688	25.14 1.18 0.00	25.14 1.18 0.00	24.03 1.00 0.00	24.92 1.11 0.00	22.97 1.04 0.00	25.95 1.22 0.00	27.09 1.68 0.00	27.59 1.81 0.00	26.58 1.54 0.00	26.74 1.55 0.00	29.28 1.71 0.00	29.93 1.70 0.00	39.96 2.17 0.00	31.37 1.71 0.00	26.95 1.54 0.00	29.86 1.78 0.00	32.87 2.02 0.00	33.80 2.44 0.00	34.63 2.45 0.00	25.68 1.69 0.00	30.33 1.91 0.00	27.56 1.63 0.00	32.69 1.82 0.00	25.17 1.32 0.00
BAYONEEC___CTG8 323689	25.14 1.18 0.00	25.14 1.18 0.00	24.03 1.00 0.00	24.92 1.11 0.00	22.97 1.04 0.00	25.95 1.22 0.00	27.09 1.68 0.00	27.59 1.81 0.00	26.58 1.54 0.00	26.74 1.55 0.00	29.28 1.71 0.00	29.93 1.70 0.00	39.96 2.17 0.00	31.37 1.71 0.00	26.95 1.54 0.00	29.86 1.78 0.00	32.87 2.02 0.00	33.80 2.44 0.00	34.63 2.45 0.00	25.68 1.69 0.00	30.33 1.91 0.00	27.56 1.63 0.00	32.69 1.82 0.00	25.17 1.32 0.00



BAYONEEC___CTG9 323749	25.14 1.18 0.00	25.14 1.18 0.00	24.03 1.00 0.00	24.92 1.11 0.00	22.97 1.04 0.00	25.95 1.22 0.00	27.09 1.68 0.00	27.59 1.81 0.00	26.58 1.54 0.00	26.74 1.55 0.00	29.28 1.71 0.00	29.93 1.70 0.00	39.96 2.17 0.00	31.37 1.71 0.00	26.95 1.54 0.00	29.86 1.78 0.00	32.87 2.02 0.00	33.80 2.44 0.00	34.63 2.45 0.00	25.68 1.69 0.00	30.33 1.91 0.00	27.56 1.63 0.00	32.69 1.82 0.00	25.17 1.32 0.00
BEACON___LESR 323632	24.54 0.58 0.00	24.56 0.61 0.00	23.59 0.57 0.00	24.43 0.61 0.00	22.56 0.63 0.00	25.51 0.77 0.00	26.53 1.12 0.00	27.00 1.22 0.00	26.08 1.04 0.00	26.18 0.98 0.00	28.64 1.06 0.00	29.30 1.07 0.00	39.09 1.31 0.00	30.67 1.00 0.00	26.27 0.86 0.00	29.18 1.11 0.00	31.94 1.08 0.00	32.74 1.38 0.00	33.57 1.38 0.00	24.98 0.98 0.00	29.54 1.12 0.00	26.89 0.96 0.00	31.88 1.02 0.00	24.63 0.78 0.00
BEAVER RIVER___HYD 24048	23.66 -0.30 0.00	23.28 -0.67 0.00	22.37 -0.66 0.00	23.38 -0.44 0.00	21.56 -0.37 0.00	24.09 -0.65 0.00	24.86 -0.55 0.00	25.31 -0.47 0.00	24.81 -0.24 0.00	25.14 -0.06 0.00	27.36 -0.22 0.00	27.81 -0.42 0.00	37.26 -0.53 0.00	29.25 -0.41 0.00	24.85 -0.56 0.00	27.60 -0.47 0.00	30.90 0.05 0.00	31.33 -0.03 0.00	31.81 -0.37 0.00	23.35 -0.65 0.00	27.66 -0.77 0.00	25.81 -0.72 -0.60	30.43 -0.70 -0.27	23.08 -0.77 0.00
BEEBEE_GT_13 23619	23.40 -0.55 0.00	23.50 -0.46 0.00	22.56 -0.46 0.00	23.31 -0.50 0.00	21.57 -0.36 0.00	24.28 -0.45 0.00	24.82 -0.59 0.00	25.03 -0.75 0.00	24.35 -0.70 0.00	24.28 -0.91 0.00	26.36 -1.21 0.00	26.91 -1.32 0.00	35.86 -1.93 0.00	28.28 -1.39 0.00	24.08 -1.33 0.00	26.47 -1.60 0.00	29.19 -1.67 0.00	30.27 -1.09 0.00	30.99 -1.19 0.00	22.72 -1.28 0.00	27.06 -1.36 0.00	24.48 -1.45 0.00	29.25 -1.62 0.00	22.48 -1.36 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.30 1.34 0.00	25.30 1.34 0.00	24.16 1.14 0.00	25.05 1.24 0.00	23.09 1.16 0.00	26.13 1.39 0.00	27.28 1.87 0.00	27.80 2.02 0.00	26.77 1.73 0.00	26.92 1.73 0.00	29.46 1.89 0.00	30.12 1.89 0.00	40.29 2.50 0.00	31.65 1.99 0.00	27.19 1.78 0.00	30.10 2.03 0.00	33.18 2.33 0.00	34.09 2.73 0.00	34.94 2.76 0.00	25.95 1.95 0.00	30.64 2.21 0.00	27.82 1.89 0.00	32.99 2.12 0.00	25.38 1.53 0.00
BETHLEHEM___GRP 23843	24.10 0.14 0.00	24.14 0.18 0.00	23.18 0.15 0.00	24.00 0.18 0.00	22.11 0.18 0.00	25.00 0.27 0.00	25.94 0.52 0.00	26.36 0.59 0.00	25.53 0.48 0.00	25.67 0.47 0.00	28.08 0.50 0.00	28.71 0.48 0.00	38.33 0.54 0.00	30.07 0.41 0.00	25.84 0.43 0.00	28.61 0.54 0.00	31.38 0.53 0.00	32.09 0.73 0.00	32.83 0.64 0.00	24.46 0.46 0.00	28.96 0.54 0.00	26.35 0.42 0.00	31.24 0.38 0.00	24.20 0.35 0.00
BETHLEHEM___GS1 323560	24.10 0.14 0.00	24.14 0.18 0.00	23.18 0.15 0.00	24.00 0.18 0.00	22.11 0.18 0.00	25.00 0.27 0.00	25.94 0.52 0.00	26.36 0.59 0.00	25.52 0.48 0.00	25.67 0.47 0.00	28.09 0.51 0.00	28.71 0.48 0.00	38.33 0.54 0.00	30.07 0.41 0.00	25.84 0.43 0.00	28.61 0.54 0.00	31.38 0.53 0.00	32.09 0.73 0.00	32.83 0.64 0.00	24.46 0.46 0.00	28.96 0.54 0.00	26.35 0.42 0.00	31.25 0.38 0.00	24.20 0.35 0.00
BETHLEHEM___GS2 323561	24.10 0.14 0.00	24.14 0.18 0.00	23.18 0.15 0.00	24.00 0.18 0.00	22.11 0.18 0.00	25.00 0.27 0.00	25.94 0.52 0.00	26.36 0.59 0.00	25.52 0.48 0.00	25.67 0.47 0.00	28.09 0.51 0.00	28.71 0.48 0.00	38.33 0.54 0.00	30.07 0.41 0.00	25.84 0.43 0.00	28.61 0.54 0.00	31.38 0.53 0.00	32.09 0.73 0.00	32.83 0.64 0.00	24.46 0.46 0.00	28.96 0.54 0.00	26.35 0.42 0.00	31.25 0.38 0.00	24.20 0.35 0.00
BETHLEHEM___GS3 323562	24.10 0.14 0.00	24.14 0.18 0.00	23.18 0.15 0.00	24.00 0.18 0.00	22.11 0.18 0.00	25.00 0.27 0.00	25.94 0.52 0.00	26.36 0.59 0.00	25.52 0.48 0.00	25.67 0.47 0.00	28.09 0.51 0.00	28.71 0.48 0.00	38.33 0.54 0.00	30.07 0.41 0.00	25.84 0.43 0.00	28.61 0.54 0.00	31.38 0.53 0.00	32.09 0.73 0.00	32.83 0.64 0.00	24.46 0.46 0.00	28.96 0.54 0.00	26.35 0.42 0.00	31.25 0.38 0.00	24.20 0.35 0.00
BETHLEHEM___STEEL 23779	22.91 -1.05 0.00	23.08 -0.87 0.00	22.18 -0.84 0.00	22.88 -0.93 0.00	21.20 -0.73 0.00	23.88 -0.85 0.00	24.37 -1.04 0.00	24.50 -1.28 0.00	23.89 -1.15 0.00	23.75 -1.44 0.00	25.71 -1.87 0.00	26.27 -1.96 0.00	34.96 -2.83 0.00	27.55 -2.12 0.00	23.42 -1.98 0.00	25.78 -2.29 0.00	28.40 -2.46 0.00	29.53 -1.83 0.00	30.27 -1.91 0.00	22.09 -1.91 0.00	26.36 -2.06 0.00	23.82 -2.12 0.00	28.55 -2.31 0.00	21.90 -1.95 0.00
BETHLHEM_115KV_TB1 79974	24.17 0.21 0.00	24.21 0.26 0.00	23.25 0.22 0.00	24.07 0.25 0.00	22.17 0.24 0.00	25.08 0.34 0.00	26.01 0.60 0.00	26.43 0.65 0.00	25.59 0.55 0.00	25.73 0.53 0.00	28.16 0.58 0.00	28.78 0.55 0.00	38.43 0.64 0.00	30.15 0.48 0.00	25.91 0.50 0.00	28.68 0.60 0.00	31.46 0.61 0.00	32.17 0.81 0.00	32.92 0.74 0.00	24.53 0.53 0.00	29.04 0.61 0.00	26.43 0.50 0.00	31.34 0.47 0.00	24.27 0.42 0.00
BETHPAGE_CC_5 323564	25.43 1.46 0.00	41.00 1.55 -15.49	24.39 1.36 0.00	28.48 1.49 -3.17	24.06 1.38 -0.75	26.29 1.55 0.00	27.40 1.98 0.00	27.75 1.97 0.00	26.80 1.75 0.00	26.98 1.78 0.00	30.11 2.09 -0.44	43.58 2.09 -13.26	40.89 2.58 -0.51	44.72 2.12 -12.93	28.32 1.86 -1.04	30.14 2.07 0.00	33.12 2.27 0.00	34.14 2.78 0.00	34.88 2.70 0.00	25.88 1.89 0.00	30.66 2.24 0.00	27.89 1.95 0.00	33.05 2.19 0.00	26.10 1.66 -0.59
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.99 -0.97 0.00	23.16 -0.80 0.00	22.26 -0.77 0.00	22.96 -0.85 0.00	21.26 -0.67 0.00	23.96 -0.77 0.00	24.48 -0.94 0.00	24.60 -1.18 0.00	23.99 -1.05 0.00	23.86 -1.34 0.00	25.82 -1.76 0.00	26.41 -1.82 0.00	35.14 -2.65 0.00	27.69 -1.97 0.00	23.54 -1.86 0.00	25.91 -2.16 0.00	28.54 -2.31 0.00	29.69 -1.67 0.00	30.43 -1.75 0.00	22.20 -1.79 0.00	26.50 -1.92 0.00	23.94 -1.99 0.00	28.70 -2.17 0.00	22.00 -1.85 0.00
BINGHAMTON___COGEN 23790	23.87 -0.09 0.00	23.90 -0.06 0.00	22.92 -0.10 0.00	23.76 -0.05 0.00	21.83 -0.10 0.00	24.64 -0.10 0.00	25.45 0.03 0.00	25.83 0.05 0.00	24.99 -0.05 0.00	25.06 -0.14 0.00	27.40 -0.18 0.00	28.01 -0.22 0.00	37.52 -0.27 0.00	29.44 -0.23 0.00	25.14 -0.27 0.00	27.80 -0.28 0.00	30.59 -0.26 0.00	31.41 0.06 0.00	32.32 0.13 0.00	23.88 -0.12 0.00	28.28 -0.15 0.00	25.80 -0.13 0.00	30.81 -0.06 0.00	23.65 -0.19 0.00
BIXINCNT_115KV_LOAD 355685	22.57 -1.39 0.00	22.58 -1.37 0.00	22.02 -1.01 0.00	22.58 -1.23 0.00	20.86 -1.07 0.00	23.68 -1.05 0.00	24.49 -0.92 0.00	24.29 -1.49 0.00	23.82 -1.22 0.00	23.54 -1.65 0.00	25.59 -1.99 0.00	26.41 -1.82 0.00	35.17 -2.63 0.00	27.62 -2.05 0.00	23.52 -1.88 0.00	25.98 -2.09 0.00	28.66 -2.20 0.00	29.95 -1.41 0.00	30.64 -1.55 0.00	22.20 -1.80 0.00	26.56 -1.87 0.00	24.04 -1.89 0.00	28.73 -2.13 0.00	21.98 -1.87 0.00



BLACK RIVER___HYD 24047	23.73 -0.23 0.00	23.26 -0.70 0.00	22.34 -0.69 0.00	23.47 -0.34 0.00	21.65 -0.28 0.00	24.01 -0.72 0.00	24.87 -0.54 0.00	25.34 -0.43 0.00	24.93 -0.12 0.00	25.22 0.02 0.00	27.36 -0.22 0.00	27.66 -0.57 0.00	36.94 -0.86 0.00	29.09 -0.58 0.00	24.70 -0.70 0.00	27.49 -0.58 0.00	30.99 0.13 0.00	31.45 0.09 0.00	31.89 -0.30 0.00	23.29 -0.71 0.00	27.57 -0.86 0.00	25.43 -0.83 -0.32	30.24 -0.78 -0.14	22.97 -0.88 0.00
BLACKRVR_115KV_TB2 79977	23.73 -0.23 0.00	23.26 -0.70 0.00	22.33 -0.69 0.00	23.47 -0.34 0.00	21.65 -0.28 0.00	24.01 -0.72 0.00	24.87 -0.54 0.00	25.34 -0.44 0.00	24.93 -0.12 0.00	25.22 0.02 0.00	27.36 -0.22 0.00	27.66 -0.57 0.00	36.94 -0.85 0.00	29.09 -0.58 0.00	24.70 -0.71 0.00	27.49 -0.58 0.00	30.99 0.14 0.00	31.45 0.09 0.00	31.89 -0.30 0.00	23.29 -0.71 0.00	27.57 -0.85 0.00	25.43 -0.83 -0.32	30.24 -0.78 -0.14	22.97 -0.88 0.00
BLISS_WT_PWR 323608	22.30 -1.66 0.00	22.28 -1.67 0.00	21.81 -1.22 0.00	22.32 -1.50 0.00	20.58 -1.35 0.00	23.47 -1.27 0.00	24.33 -1.08 0.00	24.03 -1.75 0.00	23.62 -1.43 0.00	23.30 -1.90 0.00	25.32 -2.25 0.00	26.19 -2.04 0.00	34.90 -2.89 0.00	27.38 -2.29 0.00	23.35 -2.06 0.00	25.79 -2.28 0.00	28.47 -2.38 0.00	29.84 -1.52 0.00	30.45 -1.73 0.00	22.01 -1.99 0.00	26.37 -2.05 0.00	23.86 -2.07 0.00	28.48 -2.39 0.00	21.79 -2.05 0.00
BLUESTONE___WT_PWR 323821	23.38 -0.58 0.00	23.40 -0.56 0.00	22.47 -0.56 0.00	23.34 -0.48 0.00	21.43 -0.50 0.00	24.29 -0.44 0.00	25.18 -0.23 0.00	25.83 0.05 0.00	25.22 0.18 0.00	25.78 0.59 0.00	28.47 0.89 0.00	29.25 1.02 0.00	39.35 1.56 0.00	30.64 0.97 0.00	26.11 0.70 0.00	28.04 -0.03 0.00	31.13 0.28 0.00	32.46 1.10 0.00	33.23 1.05 0.00	24.44 0.44 0.00	29.04 0.61 0.00	26.39 0.46 0.00	31.72 0.86 0.00	24.05 0.20 0.00
BLUE_CIRC_CHEM_DRP 24182	24.39 0.43 0.00	24.43 0.47 0.00	23.45 0.42 0.00	24.28 0.47 0.00	22.37 0.44 0.00	25.27 0.54 0.00	26.20 0.78 0.00	26.63 0.85 0.00	25.77 0.73 0.00	25.91 0.72 0.00	28.36 0.78 0.00	28.99 0.76 0.00	38.73 0.94 0.00	30.38 0.71 0.00	26.09 0.68 0.00	28.87 0.80 0.00	31.68 0.82 0.00	32.39 1.03 0.00	33.17 0.99 0.00	24.70 0.70 0.00	29.25 0.83 0.00	26.62 0.69 0.00	31.59 0.73 0.00	24.44 0.59 0.00
BOC_GAS_DRP 24189	24.36 0.40 0.00	24.40 0.44 0.00	23.42 0.40 0.00	24.26 0.45 0.00	22.34 0.41 0.00	25.23 0.50 0.00	26.16 0.75 0.00	26.58 0.81 0.00	25.72 0.68 0.00	25.87 0.68 0.00	28.31 0.73 0.00	28.94 0.71 0.00	38.66 0.87 0.00	30.34 0.67 0.00	26.05 0.64 0.00	28.82 0.75 0.00	31.63 0.77 0.00	32.35 0.99 0.00	33.12 0.94 0.00	24.66 0.66 0.00	29.21 0.78 0.00	26.59 0.66 0.00	31.55 0.69 0.00	24.41 0.56 0.00
BOONVILLE_115KV_TB1 79983	24.16 0.20 0.00	23.99 0.03 0.00	23.05 0.02 0.00	23.99 0.17 0.00	22.10 0.17 0.00	24.86 0.13 0.00	25.72 0.30 0.00	26.08 0.31 0.00	25.48 0.44 0.00	25.70 0.50 0.00	28.03 0.45 0.00	28.62 0.38 0.00	38.29 0.50 0.00	30.06 0.39 0.00	25.63 0.22 0.00	28.39 0.32 0.00	31.46 0.60 0.00	31.91 0.55 0.00	32.63 0.44 0.00	24.11 0.11 0.00	28.55 0.12 0.00	26.26 0.10 -0.24	31.14 0.17 -0.10	23.83 -0.02 0.00
BORALEX_4TH_BRANCH 23824	24.96 1.00 0.00	25.06 1.11 0.00	24.03 1.01 0.00	24.91 1.10 0.00	22.97 1.04 0.00	26.02 1.29 0.00	27.04 1.62 0.00	27.43 1.65 0.00	26.56 1.52 0.00	26.68 1.48 0.00	29.19 1.61 0.00	29.79 1.56 0.00	39.76 1.97 0.00	31.22 1.56 0.00	26.82 1.41 0.00	29.66 1.59 0.00	32.33 1.47 0.00	33.00 1.64 0.00	33.77 1.58 0.00	25.18 1.18 0.00	29.91 1.49 0.00	27.25 1.32 0.00	32.30 1.44 0.00	25.06 1.21 0.00
BOWLINE___1 23526	24.89 0.93 0.00	24.92 0.96 0.00	23.83 0.81 0.00	24.72 0.90 0.00	22.77 0.84 0.00	25.70 0.97 0.00	26.73 1.31 0.00	27.18 1.40 0.00	26.19 1.14 0.00	26.35 1.16 0.00	28.86 1.28 0.00	29.49 1.26 0.00	39.37 1.58 0.00	30.89 1.22 0.00	26.53 1.12 0.00	29.39 1.32 0.00	32.37 1.52 0.00	33.28 1.92 0.00	34.09 1.90 0.00	25.27 1.28 0.00	29.93 1.51 0.00	27.29 1.36 0.00	32.39 1.52 0.00	24.95 1.10 0.00
BOWLINE___2 23595	24.91 0.95 0.00	24.93 0.97 0.00	23.84 0.82 0.00	24.72 0.91 0.00	22.77 0.85 0.00	25.72 0.98 0.00	26.77 1.35 0.00	27.22 1.44 0.00	26.23 1.19 0.00	26.39 1.20 0.00	28.91 1.33 0.00	29.54 1.31 0.00	39.44 1.65 0.00	30.94 1.27 0.00	26.57 1.17 0.00	29.43 1.36 0.00	32.42 1.57 0.00	33.33 1.98 0.00	34.14 1.96 0.00	25.32 1.32 0.00	29.96 1.54 0.00	27.29 1.36 0.00	32.39 1.52 0.00	24.95 1.10 0.00
BRADY___115KV_TB2 356060	24.45 0.49 0.00	24.35 0.39 0.00	23.47 0.45 0.00	24.21 0.40 0.00	22.31 0.38 0.00	25.22 0.49 0.00	25.74 0.32 0.00	26.13 0.35 0.00	25.57 0.53 0.00	25.80 0.60 0.00	28.35 0.77 0.00	29.07 0.84 0.00	39.08 1.29 0.00	30.67 1.00 0.00	26.16 0.75 0.00	28.74 0.67 0.00	31.57 0.72 0.00	31.75 0.39 0.00	32.61 0.43 0.00	24.45 0.45 0.00	28.97 0.54 0.00	27.02 0.41 -0.67	31.64 0.47 -0.30	24.20 0.35 0.00
BRANSCOMB___SOLAR 323811	24.90 0.94 0.00	24.95 0.99 0.00	23.95 0.93 0.00	24.80 0.99 0.00	22.87 0.94 0.00	25.92 1.19 0.00	26.93 1.52 0.00	27.39 1.61 0.00	26.53 1.49 0.00	26.65 1.46 0.00	29.15 1.57 0.00	29.87 1.64 0.00	39.88 2.09 0.00	31.20 1.54 0.00	26.76 1.35 0.00	29.57 1.50 0.00	32.42 1.56 0.00	33.06 1.70 0.00	33.77 1.59 0.00	25.16 1.16 0.00	29.75 1.33 0.00	27.09 1.16 0.00	32.23 1.37 0.00	24.97 1.12 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	25.49 1.53 0.00	41.09 1.65 -15.49	24.49 1.47 0.00	28.59 1.61 -3.17	24.15 1.47 -0.75	26.38 1.65 0.00	27.51 2.10 0.00	27.88 2.10 0.00	26.89 1.85 0.00	27.07 1.88 0.00	30.20 2.18 -0.44	43.68 2.19 -13.26	41.02 2.72 -0.51	44.89 2.30 -12.93	28.45 2.00 -1.04	30.28 2.21 0.00	33.24 2.38 0.00	34.22 2.86 0.00	35.02 2.84 0.00	25.98 1.98 0.00	30.73 2.31 0.00	27.95 2.02 0.00	33.12 2.26 0.00	26.19 1.75 -0.59
BRISTLHL_115KV_TB1 79998	23.52 -0.45 0.00	23.53 -0.43 0.00	22.59 -0.43 0.00	23.38 -0.43 0.00	21.51 -0.42 0.00	24.22 -0.52 0.00	24.88 -0.53 0.00	25.16 -0.62 0.00	24.45 -0.59 0.00	24.56 -0.63 0.00	26.84 -0.74 0.00	27.46 -0.76 0.00	36.70 -1.09 0.00	28.82 -0.84 0.00	24.67 -0.74 0.00	27.28 -0.79 0.00	30.02 -0.83 0.00	30.64 -0.72 0.00	31.44 -0.74 0.00	23.35 -0.65 0.00	27.65 -0.77 0.00	25.32 -0.61 0.00	30.22 -0.65 0.00	23.34 -0.51 0.00
BROOKHAVEN___DRP 24191	25.12 1.16 0.00	40.86 1.41 -15.49	24.28 1.25 0.00	28.41 1.42 -3.17	23.96 1.29 -0.75	26.16 1.43 0.00	27.35 1.94 0.00	27.57 1.79 0.00	26.59 1.55 0.00	26.69 1.50 0.00	29.76 1.74 -0.44	43.23 1.74 -13.26	40.46 2.17 -0.51	44.53 1.93 -12.93	28.15 1.70 -1.04	29.96 1.89 0.00	32.83 1.98 0.00	33.91 2.55 0.00	34.65 2.46 0.00	25.70 1.70 0.00	30.43 2.01 0.00	27.66 1.73 0.00	32.80 1.94 0.00	25.97 1.53 -0.59



BROOKLYN_NAVY_YARD 23515	25.09 1.13 0.00	25.08 1.13 0.00	23.97 0.95 0.00	24.87 1.05 0.00	22.92 0.99 0.00	25.90 1.17 0.00	27.06 1.65 0.00	27.58 1.81 0.00	26.58 1.54 0.00	26.75 1.56 0.00	29.29 1.71 0.00	29.94 1.71 0.00	39.97 2.18 0.00	31.37 1.70 0.00	26.95 1.55 0.00	29.85 1.77 0.00	32.85 2.00 0.00	33.79 2.43 0.00	34.61 2.42 0.00	25.67 1.67 0.00	30.32 1.89 0.00	27.54 1.61 0.00	32.65 1.78 0.00	25.13 1.28 0.00
BROOKLYN___ARMY_DRP 323595	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
BROOKVLE_69_KV_TB1 55790	25.55 1.58 0.00	41.10 1.65 -15.49	24.48 1.46 0.00	28.56 1.57 -3.17	24.13 1.45 -0.75	26.40 1.66 0.00	27.52 2.11 0.00	27.96 2.18 0.00	26.97 1.93 0.00	27.16 1.96 0.00	30.26 2.24 -0.44	43.74 2.25 -13.26	41.15 2.86 -0.51	44.89 2.29 -12.93	28.47 2.02 -1.04	30.32 2.24 0.00	33.33 2.47 0.00	34.36 3.00 0.00	35.13 2.94 0.00	26.04 2.05 0.00	30.82 2.40 0.00	28.01 2.08 0.00	33.20 2.33 0.00	26.19 1.75 -0.59
BROOME_2_LFGE 323671	23.88 -0.09 0.00	23.90 -0.06 0.00	22.92 -0.10 0.00	23.76 -0.05 0.00	21.82 -0.10 0.00	24.64 -0.10 0.00	25.45 0.03 0.00	25.83 0.06 0.00	24.98 -0.06 0.00	25.05 -0.14 0.00	27.39 -0.19 0.00	28.01 -0.22 0.00	37.53 -0.27 0.00	29.44 -0.23 0.00	25.14 -0.27 0.00	27.80 -0.28 0.00	30.59 -0.26 0.00	31.42 0.06 0.00	32.33 0.14 0.00	23.88 -0.12 0.00	28.28 -0.14 0.00	25.80 -0.13 0.00	30.81 -0.06 0.00	23.65 -0.19 0.00
BROOME___LFGE 323600	23.88 -0.09 0.00	23.90 -0.06 0.00	22.92 -0.10 0.00	23.76 -0.05 0.00	21.82 -0.10 0.00	24.64 -0.10 0.00	25.45 0.03 0.00	25.83 0.06 0.00	24.98 -0.06 0.00	25.05 -0.14 0.00	27.39 -0.19 0.00	28.01 -0.22 0.00	37.53 -0.27 0.00	29.44 -0.23 0.00	25.14 -0.27 0.00	27.80 -0.28 0.00	30.59 -0.26 0.00	31.42 0.06 0.00	32.33 0.14 0.00	23.88 -0.12 0.00	28.28 -0.14 0.00	25.80 -0.13 0.00	30.81 -0.06 0.00	23.65 -0.19 0.00
BROWNFLS_115KV_TB_3_5 80003	23.83 -0.13 0.00	23.56 -0.39 0.00	22.67 -0.36 0.00	23.55 -0.26 0.00	21.71 -0.22 0.00	24.36 -0.37 0.00	25.01 -0.41 0.00	25.45 -0.33 0.00	24.93 -0.12 0.00	25.24 0.05 0.00	27.59 0.01 0.00	28.17 -0.06 0.00	37.80 0.01 0.00	29.66 -0.01 0.00	25.20 -0.20 0.00	27.81 -0.26 0.00	30.88 0.03 0.00	31.21 -0.14 0.00	31.81 -0.37 0.00	23.56 -0.44 0.00	27.92 -0.50 0.00	26.47 -0.48 -1.03	30.85 -0.47 -0.46	23.36 -0.49 0.00
BROWNSV1_27_KV_LOAD 356125	25.35 1.40 0.00	25.34 1.39 0.00	24.22 1.20 0.00	25.12 1.30 0.00	23.14 1.21 0.00	26.17 1.43 0.00	27.33 1.92 0.00	27.87 2.09 0.00	26.86 1.82 0.00	27.02 1.82 0.00	29.58 2.00 0.00	30.24 2.01 0.00	40.39 2.60 0.00	31.69 2.03 0.00	27.22 1.82 0.00	30.15 2.08 0.00	33.20 2.35 0.00	34.15 2.80 0.00	34.99 2.81 0.00	25.94 1.94 0.00	30.63 2.21 0.00	27.82 1.89 0.00	32.99 2.12 0.00	25.38 1.53 0.00
BURROWS___LYONSDAL 23803	24.00 0.04 0.00	23.75 -0.20 0.00	22.82 -0.20 0.00	23.79 -0.03 0.00	21.92 -0.01 0.00	24.61 -0.13 0.00	25.44 0.03 0.00	25.83 0.06 0.00	25.26 0.22 0.00	25.52 0.32 0.00	27.80 0.22 0.00	28.34 0.11 0.00	37.94 0.15 0.00	29.78 0.12 0.00	25.36 -0.04 0.00	28.14 0.07 0.00	31.30 0.44 0.00	31.75 0.39 0.00	32.39 0.20 0.00	23.86 -0.14 0.00	28.27 -0.16 0.00	26.08 -0.15 -0.31	30.89 -0.11 -0.14	23.59 -0.26 0.00
CAITHNESS_CC_1 323624	25.14 1.18 0.00	40.85 1.41 -15.49	24.27 1.24 0.00	28.38 1.40 -3.17	23.96 1.28 -0.75	26.14 1.41 0.00	27.32 1.91 0.00	27.54 1.76 0.00	26.58 1.54 0.00	26.71 1.52 0.00	29.82 1.80 -0.44	43.28 1.79 -13.26	40.46 2.17 -0.51	44.54 1.94 -12.93	28.15 1.70 -1.04	29.95 1.88 0.00	32.86 2.00 0.00	33.91 2.56 0.00	34.64 2.46 0.00	25.69 1.70 0.00	30.41 1.98 0.00	27.66 1.72 0.00	32.80 1.93 0.00	25.95 1.51 -0.59
CALPINE BETH_PAGE_GT4 24209	25.39 1.43 0.00	40.95 1.50 -15.49	24.35 1.32 0.00	28.43 1.45 -3.17	24.01 1.33 -0.75	26.24 1.51 0.00	27.35 1.94 0.00	27.68 1.90 0.00	26.71 1.67 0.00	26.89 1.69 0.00	29.99 1.97 -0.44	43.47 1.97 -13.26	40.77 2.47 -0.51	44.62 2.02 -12.93	28.23 1.78 -1.04	30.04 1.97 0.00	33.00 2.15 0.00	34.03 2.67 0.00	34.78 2.60 0.00	25.81 1.81 0.00	30.63 2.21 0.00	27.84 1.91 0.00	33.00 2.14 0.00	26.05 1.62 -0.59
CALPINE_BETH_PAGE_GT_4 323586	25.39 1.43 0.00	40.95 1.51 -15.49	24.35 1.32 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.24 1.51 0.00	27.35 1.93 0.00	27.66 1.88 0.00	26.71 1.67 0.00	26.89 1.69 0.00	30.02 2.00 -0.44	43.49 2.00 -13.26	40.76 2.47 -0.51	44.62 2.03 -12.93	28.23 1.78 -1.04	30.04 1.97 0.00	33.02 2.17 0.00	34.03 2.67 0.00	34.78 2.60 0.00	25.81 1.81 0.00	30.62 2.20 0.00	27.85 1.92 0.00	33.00 2.14 0.00	26.05 1.62 -0.59
CALPINE_BP_GT1 23823	25.39 1.43 0.00	40.95 1.51 -15.49	24.35 1.32 0.00	28.43 1.45 -3.17	24.02 1.34 -0.75	26.24 1.51 0.00	27.35 1.93 0.00	27.66 1.88 0.00	26.71 1.67 0.00	26.89 1.69 0.00	30.02 2.00 -0.44	43.49 2.00 -13.26	40.76 2.47 -0.51	44.62 2.03 -12.93	28.23 1.78 -1.04	30.04 1.97 0.00	33.02 2.17 0.00	34.03 2.67 0.00	34.78 2.60 0.00	25.81 1.81 0.00	30.62 2.20 0.00	27.85 1.92 0.00	33.00 2.14 0.00	26.05 1.62 -0.59
CALSPAN___DRP 24200	22.91 -1.05 0.00	23.08 -0.87 0.00	22.18 -0.84 0.00	22.88 -0.93 0.00	21.20 -0.73 0.00	23.88 -0.85 0.00	24.37 -1.04 0.00	24.50 -1.28 0.00	23.89 -1.15 0.00	23.75 -1.44 0.00	25.71 -1.87 0.00	26.27 -1.96 0.00	34.96 -2.83 0.00	27.55 -2.12 0.00	23.42 -1.98 0.00	25.78 -2.29 0.00	28.40 -2.46 0.00	29.53 -1.83 0.00	30.27 -1.91 0.00	22.09 -1.91 0.00	26.36 -2.06 0.00	23.82 -2.12 0.00	28.55 -2.31 0.00	21.90 -1.95 0.00
CALVERTON___SOLAR 323806	25.13 1.17 0.00	40.90 1.46 -15.49	24.31 1.29 0.00	28.45 1.47 -3.17	24.01 1.33 -0.75	26.20 1.47 0.00	27.42 2.00 0.00	27.59 1.81 0.00	26.63 1.58 0.00	26.72 1.53 0.00	29.81 1.79 -0.44	43.28 1.79 -13.26	40.48 2.19 -0.51	44.59 1.99 -12.93	28.20 1.75 -1.04	30.00 1.92 0.00	32.89 2.04 0.00	33.96 2.60 0.00	34.70 2.52 0.00	25.74 1.74 0.00	30.48 2.06 0.00	27.71 1.77 0.00	32.85 1.98 0.00	26.02 1.58 -0.59
CANDIGU_WT_PWR 323617	22.49 -1.47 0.00	22.68 -1.28 0.00	21.74 -1.28 0.00	22.46 -1.35 0.00	20.63 -1.29 0.00	23.39 -1.35 0.00	24.09 -1.32 0.00	24.42 -1.36 0.00	23.88 -1.17 0.00	23.81 -1.39 0.00	25.87 -1.72 0.00	26.48 -1.75 0.00	35.29 -2.51 0.00	27.68 -1.99 0.00	23.48 -1.92 0.00	25.98 -2.09 0.00	28.66 -2.20 0.00	29.76 -1.60 0.00	30.77 -1.41 0.00	22.47 -1.53 0.00	26.55 -1.87 0.00	24.08 -1.85 0.00	28.77 -2.09 0.00	21.99 -1.86 0.00



CARR STREET_E__SYR 24060	23.64 -0.32 0.00	23.65 -0.30 0.00	22.72 -0.31 0.00	23.51 -0.30 0.00	21.63 -0.30 0.00	24.36 -0.38 0.00	25.05 -0.37 0.00	25.35 -0.43 0.00	24.62 -0.42 0.00	24.72 -0.48 0.00	27.00 -0.58 0.00	27.64 -0.59 0.00	36.96 -0.83 0.00	29.02 -0.65 0.00	24.83 -0.57 0.00	27.45 -0.62 0.00	30.20 -0.66 0.00	30.86 -0.50 0.00	31.66 -0.52 0.00	23.50 -0.50 0.00	27.83 -0.60 0.00	25.46 -0.47 0.00	30.38 -0.49 0.00	23.46 -0.39 0.00
CARTHAGE__PAPER 23857	23.88 -0.08 0.00	23.45 -0.51 0.00	22.53 -0.50 0.00	23.60 -0.22 0.00	21.77 -0.16 0.00	24.26 -0.48 0.00	25.08 -0.33 0.00	25.55 -0.23 0.00	25.11 0.06 0.00	25.41 0.22 0.00	27.62 0.04 0.00	28.04 -0.19 0.00	37.53 -0.26 0.00	29.50 -0.17 0.00	25.05 -0.36 0.00	27.82 -0.25 0.00	31.22 0.37 0.00	31.61 0.26 0.00	32.11 -0.07 0.00	23.54 -0.46 0.00	27.87 -0.55 0.00	25.80 -0.56 -0.43	30.56 -0.50 -0.19	23.21 -0.64 0.00
CASSADAGA_WT_PWR 323784	22.41 -1.56 0.00	22.58 -1.37 0.00	21.89 -1.14 0.00	22.30 -1.52 0.00	20.67 -1.26 0.00	23.56 -1.18 0.00	24.09 -1.32 0.00	24.60 -1.18 0.00	23.95 -1.09 0.00	23.87 -1.33 0.00	25.71 -1.87 0.00	26.32 -1.91 0.00	35.16 -2.63 0.00	27.62 -2.05 0.00	23.69 -1.72 0.00	26.34 -1.73 0.00	28.85 -2.00 0.00	29.79 -1.57 0.00	30.44 -1.74 0.00	22.11 -1.88 0.00	26.41 -2.01 0.00	23.98 -1.95 0.00	28.79 -2.08 0.00	21.91 -1.94 0.00
CE_DUNWOOD__DRP 24194	25.04 1.08 0.00	25.05 1.10 0.00	23.96 0.94 0.00	24.85 1.04 0.00	22.89 0.96 0.00	25.86 1.13 0.00	26.96 1.55 0.00	27.44 1.67 0.00	26.46 1.41 0.00	26.62 1.43 0.00	29.16 1.58 0.00	29.80 1.57 0.00	39.80 2.01 0.00	31.22 1.56 0.00	26.81 1.40 0.00	29.70 1.62 0.00	32.68 1.83 0.00	33.61 2.25 0.00	34.41 2.23 0.00	25.52 1.52 0.00	30.18 1.76 0.00	27.45 1.52 0.00	32.55 1.69 0.00	25.08 1.23 0.00
CE_MILLWOOD__DRP 24193	25.00 1.03 0.00	25.01 1.06 0.00	23.93 0.90 0.00	24.81 0.99 0.00	22.85 0.92 0.00	25.82 1.09 0.00	26.90 1.49 0.00	27.38 1.60 0.00	26.40 1.36 0.00	26.56 1.36 0.00	29.08 1.50 0.00	29.72 1.49 0.00	39.70 1.91 0.00	31.15 1.48 0.00	26.75 1.34 0.00	29.62 1.55 0.00	32.62 1.76 0.00	33.53 2.17 0.00	34.33 2.15 0.00	25.46 1.46 0.00	30.12 1.69 0.00	27.40 1.47 0.00	32.49 1.63 0.00	25.04 1.19 0.00
CE_NYC2_DRP 24202	25.11 1.15 0.00	25.12 1.17 0.00	24.01 0.98 0.00	24.89 1.08 0.00	22.93 1.01 0.00	25.95 1.21 0.00	27.09 1.67 0.00	27.62 1.84 0.00	26.62 1.58 0.00	26.78 1.58 0.00	29.31 1.73 0.00	29.96 1.73 0.00	40.04 2.25 0.00	31.43 1.76 0.00	27.00 1.59 0.00	29.89 1.82 0.00	32.92 2.07 0.00	33.84 2.48 0.00	34.66 2.48 0.00	25.72 1.72 0.00	30.37 1.95 0.00	27.58 1.65 0.00	32.70 1.83 0.00	25.18 1.33 0.00
CE_NYC_DRP 24195	25.15 1.19 0.00	25.16 1.21 0.00	24.05 1.03 0.00	24.94 1.13 0.00	22.98 1.05 0.00	25.98 1.24 0.00	27.11 1.70 0.00	27.63 1.85 0.00	26.62 1.58 0.00	26.78 1.59 0.00	29.32 1.74 0.00	29.98 1.75 0.00	40.05 2.26 0.00	31.43 1.77 0.00	27.00 1.60 0.00	29.92 1.84 0.00	32.93 2.08 0.00	33.86 2.50 0.00	34.69 2.50 0.00	25.72 1.72 0.00	30.37 1.95 0.00	27.60 1.66 0.00	32.72 1.85 0.00	25.19 1.34 0.00
CHAFFEE__LFGE 323603	22.99 -0.97 0.00	23.15 -0.80 0.00	22.24 -0.78 0.00	22.95 -0.86 0.00	21.22 -0.71 0.00	23.96 -0.78 0.00	24.46 -0.95 0.00	24.65 -1.13 0.00	24.02 -1.03 0.00	23.89 -1.31 0.00	25.85 -1.73 0.00	26.40 -1.83 0.00	35.18 -2.61 0.00	27.70 -1.96 0.00	23.56 -1.84 0.00	25.94 -2.13 0.00	28.58 -2.28 0.00	29.76 -1.59 0.00	30.49 -1.70 0.00	22.26 -1.74 0.00	26.57 -1.85 0.00	24.00 -1.94 0.00	28.72 -2.14 0.00	22.02 -1.82 0.00
CHATEAUG_35_KV_LOAD 355732	24.59 0.63 0.00	24.35 0.40 0.00	23.42 0.39 0.00	24.10 0.29 0.00	22.11 0.18 0.00	24.66 -0.08 0.00	24.99 -0.42 0.00	25.62 -0.15 0.00	25.18 0.14 0.00	25.77 0.58 0.00	28.55 0.98 0.00	29.40 1.17 0.00	39.66 1.87 0.00	31.11 1.45 0.00	26.29 0.88 0.00	28.48 0.41 0.00	30.74 -0.11 0.00	30.93 -0.43 0.00	31.75 -0.43 0.00	24.09 0.10 0.00	28.40 -0.03 0.00	15.21 -0.51 10.22	25.53 -0.78 4.56	23.52 -0.32 0.00
CHATEAUG_WT_PWR 323614	24.58 0.62 0.00	24.31 0.36 0.00	23.38 0.36 0.00	24.07 0.25 0.00	22.05 0.12 0.00	24.58 -0.16 0.00	24.89 -0.52 0.00	25.54 -0.24 0.00	25.13 0.09 0.00	25.74 0.54 0.00	28.53 0.95 0.00	29.38 1.15 0.00	39.64 1.85 0.00	31.11 1.44 0.00	26.25 0.84 0.00	28.42 0.34 0.00	30.65 -0.21 0.00	30.83 -0.53 0.00	31.63 -0.55 0.00	24.03 0.03 0.00	28.30 -0.12 0.00	15.79 -0.63 9.51	25.72 -0.91 4.24	23.43 -0.41 0.00
CHAT_HIGH_FALL_HYD 323578	24.59 0.63 0.00	24.35 0.40 0.00	23.42 0.40 0.00	24.10 0.29 0.00	22.11 0.18 0.00	24.66 -0.08 0.00	24.99 -0.42 0.00	25.62 -0.16 0.00	25.18 0.14 0.00	25.77 0.58 0.00	28.56 0.98 0.00	29.41 1.17 0.00	39.66 1.87 0.00	31.11 1.45 0.00	26.29 0.88 0.00	28.48 0.41 0.00	30.75 -0.10 0.00	30.93 -0.43 0.00	31.75 -0.43 0.00	24.09 0.10 0.00	28.39 -0.03 0.00	15.21 -0.51 10.22	25.53 -0.78 4.56	23.53 -0.32 0.00
CHAUTAUQUA__LFGE 323629	22.84 -1.12 0.00	22.99 -0.96 0.00	22.09 -0.93 0.00	22.75 -1.07 0.00	21.02 -0.91 0.00	23.82 -0.91 0.00	24.35 -1.06 0.00	24.68 -1.10 0.00	23.99 -1.05 0.00	23.89 -1.30 0.00	25.83 -1.75 0.00	26.41 -1.82 0.00	35.24 -2.55 0.00	27.69 -1.97 0.00	23.63 -1.78 0.00	26.11 -1.96 0.00	28.71 -2.15 0.00	29.77 -1.59 0.00	30.50 -1.69 0.00	22.20 -1.80 0.00	26.48 -1.94 0.00	23.98 -1.95 0.00	28.79 -2.08 0.00	21.97 -1.88 0.00
CHERRYST_13_KV_LD 356241	25.21 1.25 0.00	25.22 1.26 0.00	24.11 1.08 0.00	25.00 1.19 0.00	23.03 1.10 0.00	26.05 1.31 0.00	27.19 1.78 0.00	27.71 1.93 0.00	26.71 1.66 0.00	26.87 1.67 0.00	29.42 1.84 0.00	30.07 1.84 0.00	40.19 2.40 0.00	31.54 1.88 0.00	27.09 1.69 0.00	30.01 1.94 0.00	33.04 2.19 0.00	33.98 2.62 0.00	34.80 2.61 0.00	25.79 1.80 0.00	30.45 2.03 0.00	27.67 1.73 0.00	32.80 1.94 0.00	25.25 1.40 0.00
CHESTROR_138KV_BK263 355645	24.79 0.83 0.00	24.80 0.85 0.00	23.74 0.72 0.00	24.62 0.80 0.00	22.67 0.74 0.00	25.60 0.87 0.00	26.63 1.22 0.00	27.09 1.31 0.00	26.13 1.09 0.00	26.29 1.10 0.00	28.79 1.21 0.00	29.40 1.17 0.00	39.27 1.48 0.00	30.78 1.11 0.00	26.43 1.02 0.00	29.27 1.20 0.00	32.25 1.39 0.00	33.14 1.78 0.00	33.95 1.76 0.00	25.18 1.19 0.00	29.80 1.37 0.00	27.13 1.19 0.00	32.19 1.32 0.00	24.80 0.96 0.00
CH_MIDHUDSON__DRP 24192	25.04 1.08 0.00	25.06 1.11 0.00	23.99 0.97 0.00	24.88 1.06 0.00	22.91 0.98 0.00	25.90 1.16 0.00	26.97 1.56 0.00	27.47 1.69 0.00	26.51 1.47 0.00	26.67 1.48 0.00	29.21 1.63 0.00	29.85 1.62 0.00	39.86 2.07 0.00	31.23 1.56 0.00	26.81 1.40 0.00	29.70 1.63 0.00	32.70 1.85 0.00	33.61 2.25 0.00	34.40 2.22 0.00	25.53 1.53 0.00	30.19 1.76 0.00	27.45 1.52 0.00	32.54 1.68 0.00	25.09 1.24 0.00



CH_MISC_IPPS 23765	25.15 1.19 0.00	25.17 1.21 0.00	24.08 1.06 0.00	24.97 1.16 0.00	23.01 1.08 0.00	26.01 1.27 0.00	27.09 1.68 0.00	27.58 1.80 0.00	26.62 1.58 0.00	26.78 1.58 0.00	29.32 1.75 0.00	29.96 1.73 0.00	39.99 2.20 0.00	31.30 1.63 0.00	26.89 1.49 0.00	29.81 1.74 0.00	32.84 1.99 0.00	33.77 2.41 0.00	34.58 2.39 0.00	25.65 1.65 0.00	30.32 1.90 0.00	27.57 1.64 0.00	32.69 1.83 0.00	25.18 1.34 0.00
CH_RES_BVR_FALLS 23983	23.69 -0.27 0.00	23.54 -0.41 0.00	22.68 -0.35 0.00	23.36 -0.45 0.00	21.58 -0.35 0.00	24.47 -0.27 0.00	25.00 -0.42 0.00	25.10 -0.67 0.00	24.27 -0.77 0.00	24.46 -0.74 0.00	26.86 -0.72 0.00	27.56 -0.67 0.00	37.13 -0.66 0.00	29.12 -0.55 0.00	24.88 -0.53 0.00	27.72 -0.36 0.00	30.67 -0.18 0.00	31.02 -0.34 0.00	31.58 -0.61 0.00	23.52 -0.48 0.00	27.82 -0.61 0.00	25.41 -0.52 0.00	30.30 -0.57 0.00	23.41 -0.44 0.00
CH_RES_NIAGARA 23895	22.19 -1.77 0.00	22.36 -1.60 0.00	21.49 -1.54 0.00	22.17 -1.65 0.00	20.55 -1.38 0.00	23.14 -1.60 0.00	23.46 -1.96 0.00	23.52 -2.26 0.00	22.91 -2.13 0.00	22.77 -2.42 0.00	24.54 -3.04 0.00	25.02 -3.21 0.00	33.32 -4.47 0.00	26.30 -3.37 0.00	22.40 -3.01 0.00	24.57 -3.50 0.00	27.06 -3.80 0.00	28.23 -3.13 0.00	28.89 -3.29 0.00	21.10 -2.90 0.00	25.29 -3.13 0.00	22.88 -3.05 0.00	27.48 -3.38 0.00	21.17 -2.68 0.00
CH_RES_SYRACUSE 23985	23.76 -0.20 0.00	23.80 -0.15 0.00	22.87 -0.16 0.00	23.64 -0.17 0.00	21.74 -0.19 0.00	24.50 -0.24 0.00	25.20 -0.21 0.00	25.49 -0.28 0.00	24.77 -0.28 0.00	24.85 -0.34 0.00	27.15 -0.44 0.00	27.77 -0.46 0.00	37.14 -0.66 0.00	29.16 -0.50 0.00	24.95 -0.45 0.00	27.59 -0.48 0.00	30.36 -0.50 0.00	31.00 -0.36 0.00	31.82 -0.37 0.00	23.63 -0.36 0.00	27.98 -0.44 0.00	25.58 -0.35 0.00	30.53 -0.33 0.00	23.56 -0.28 0.00
CLINTON_WT_PWR 323605	24.58 0.62 0.00	24.31 0.36 0.00	23.38 0.36 0.00	24.07 0.25 0.00	22.05 0.12 0.00	24.58 -0.16 0.00	24.89 -0.52 0.00	25.54 -0.24 0.00	25.13 0.09 0.00	25.74 0.54 0.00	28.53 0.95 0.00	29.38 1.15 0.00	39.64 1.85 0.00	31.11 1.44 0.00	26.25 0.84 0.00	28.42 0.34 0.00	30.65 -0.21 0.00	30.83 -0.53 0.00	31.63 -0.55 0.00	24.03 0.03 0.00	28.30 -0.12 0.00	15.79 -0.63 9.51	25.72 -0.91 4.24	23.43 -0.41 0.00
CLINTON__LFGE 323618	24.98 1.02 0.00	24.69 0.74 0.00	23.71 0.68 0.00	24.41 0.60 0.00	22.38 0.45 0.00	24.96 0.22 0.00	25.34 -0.07 0.00	26.00 0.22 0.00	25.50 0.46 0.00	26.10 0.91 0.00	28.96 1.38 0.00	29.82 1.59 0.00	40.30 2.51 0.00	31.63 1.96 0.00	26.66 1.25 0.00	28.89 0.82 0.00	31.16 0.31 0.00	31.42 0.06 0.00	32.16 -0.02 0.00	24.43 0.43 0.00	28.79 0.37 0.00	16.01 -0.23 9.69	26.05 -0.49 4.32	23.73 -0.11 0.00
COBBLENY_34_KV_TB1 80064	22.99 -0.97 0.00	23.16 -0.80 0.00	22.24 -0.78 0.00	22.96 -0.85 0.00	21.26 -0.67 0.00	23.95 -0.78 0.00	24.47 -0.94 0.00	24.64 -1.14 0.00	24.01 -1.03 0.00	23.91 -1.29 0.00	25.88 -1.70 0.00	26.44 -1.79 0.00	35.17 -2.62 0.00	27.72 -1.95 0.00	23.56 -1.84 0.00	25.94 -2.14 0.00	28.59 -2.27 0.00	29.75 -1.61 0.00	30.49 -1.69 0.00	22.26 -1.74 0.00	26.56 -1.86 0.00	24.00 -1.93 0.00	28.74 -2.13 0.00	22.02 -1.82 0.00
COFFEEN__115KV_TB3 355620	23.88 -0.08 0.00	23.42 -0.53 0.00	22.50 -0.53 0.00	23.62 -0.19 0.00	21.79 -0.14 0.00	24.20 -0.53 0.00	25.08 -0.33 0.00	25.57 -0.21 0.00	25.15 0.11 0.00	25.43 0.23 0.00	27.60 0.02 0.00	27.90 -0.33 0.00	37.24 -0.55 0.00	29.35 -0.32 0.00	24.92 -0.49 0.00	27.71 -0.36 0.00	31.22 0.36 0.00	31.67 0.32 0.00	32.15 -0.03 0.00	23.50 -0.50 0.00	27.82 -0.60 0.00	25.63 -0.62 -0.32	30.45 -0.55 -0.14	23.13 -0.71 0.00
COLDSPRG_115KV_BK1 355956	23.61 -0.35 0.00	23.74 -0.22 0.00	22.82 -0.21 0.00	23.48 -0.33 0.00	21.73 -0.20 0.00	24.57 -0.17 0.00	25.24 -0.18 0.00	25.63 -0.15 0.00	24.90 -0.14 0.00	24.82 -0.38 0.00	26.91 -0.67 0.00	27.55 -0.68 0.00	36.72 -1.07 0.00	28.91 -0.75 0.00	24.64 -0.76 0.00	27.24 -0.83 0.00	29.89 -0.97 0.00	30.99 -0.37 0.00	31.82 -0.37 0.00	23.18 -0.81 0.00	27.64 -0.79 0.00	25.07 -0.86 0.00	30.08 -0.79 0.00	22.91 -0.94 0.00
COLONIE_LFGE__ 323577	24.64 0.68 0.00	24.69 0.73 0.00	23.69 0.67 0.00	24.54 0.73 0.00	22.62 0.69 0.00	25.59 0.86 0.00	26.57 1.16 0.00	27.00 1.22 0.00	26.15 1.11 0.00	26.27 1.08 0.00	28.75 1.17 0.00	29.40 1.17 0.00	39.25 1.46 0.00	30.80 1.13 0.00	26.44 1.03 0.00	29.22 1.15 0.00	32.03 1.17 0.00	32.71 1.35 0.00	33.44 1.26 0.00	24.92 0.92 0.00	29.53 1.11 0.00	26.87 0.93 0.00	31.89 1.02 0.00	24.72 0.87 0.00
COOPERNY_115KV_TB1 80082	24.53 0.57 0.00	24.55 0.59 0.00	23.53 0.51 0.00	24.40 0.58 0.00	22.45 0.52 0.00	25.34 0.61 0.00	26.29 0.88 0.00	26.74 0.96 0.00	25.83 0.78 0.00	25.97 0.77 0.00	28.43 0.85 0.00	29.06 0.83 0.00	38.82 1.03 0.00	30.43 0.76 0.00	26.10 0.69 0.00	28.89 0.82 0.00	31.81 0.96 0.00	32.63 1.27 0.00	33.46 1.28 0.00	24.84 0.84 0.00	29.39 0.97 0.00	26.77 0.84 0.00	31.81 0.94 0.00	24.51 0.66 0.00
COPENHAGEN_WT_PWR 323753	23.53 -0.43 0.00	23.01 -0.95 0.00	22.09 -0.94 0.00	23.26 -0.55 0.00	21.47 -0.46 0.00	23.71 -1.02 0.00	24.54 -0.87 0.00	25.01 -0.76 0.00	24.63 -0.41 0.00	24.95 -0.25 0.00	27.03 -0.55 0.00	27.28 -0.96 0.00	36.43 -1.36 0.00	28.68 -0.99 0.00	24.36 -1.05 0.00	27.16 -0.91 0.00	30.72 -0.13 0.00	31.17 -0.19 0.00	31.52 -0.66 0.00	22.96 -1.04 0.00	27.20 -1.23 0.00	25.07 -1.16 -0.30	29.89 -1.11 -0.13	22.71 -1.14 0.00
CORNELL____ 23752	24.19 0.23 0.00	24.21 0.26 0.00	23.24 0.22 0.00	24.07 0.25 0.00	22.13 0.20 0.00	24.98 0.24 0.00	25.80 0.39 0.00	26.19 0.41 0.00	25.49 0.45 0.00	25.56 0.36 0.00	27.90 0.32 0.00	28.52 0.29 0.00	38.03 0.24 0.00	29.87 0.21 0.00	25.51 0.10 0.00	28.20 0.13 0.00	31.08 0.23 0.00	31.85 0.49 0.00	32.76 0.58 0.00	24.24 0.25 0.00	28.67 0.25 0.00	26.15 0.22 0.00	31.17 0.30 0.00	23.97 0.12 0.00
CORONAAV_69_KV_TB1 355595	25.54 1.58 0.00	41.11 1.66 -15.49	24.48 1.46 0.00	28.55 1.56 -3.17	24.12 1.45 -0.75	26.38 1.65 0.00	27.48 2.07 0.00	27.88 2.10 0.00	26.94 1.90 0.00	27.09 1.90 0.00	30.18 2.16 -0.44	43.67 2.18 -13.26	41.07 2.77 -0.51	44.81 2.21 -12.93	28.39 1.94 -1.04	30.24 2.17 0.00	33.19 2.34 0.00	34.18 2.82 0.00	35.01 2.83 0.00	25.98 1.98 0.00	30.78 2.35 0.00	27.99 2.06 0.00	33.19 2.32 0.00	26.19 1.75 -0.59
CORTLAND_115KV_TB3 80093	24.05 0.09 0.00	24.07 0.11 0.00	23.11 0.08 0.00	23.94 0.12 0.00	22.01 0.08 0.00	24.82 0.09 0.00	25.65 0.24 0.00	26.01 0.24 0.00	25.27 0.23 0.00	25.37 0.17 0.00	27.73 0.15 0.00	28.35 0.12 0.00	37.88 0.09 0.00	29.74 0.07 0.00	25.41 0.00 0.00	28.09 0.02 0.00	30.92 0.07 0.00	31.63 0.27 0.00	32.49 0.31 0.00	24.06 0.06 0.00	28.47 0.05 0.00	26.00 0.06 0.00	31.00 0.13 0.00	23.86 0.01 0.00



COXSACKIE___GT 23611	25.53 1.57 0.00	25.55 1.60 0.00	24.53 1.51 0.00	25.41 1.60 0.00	23.43 1.51 0.00	26.62 1.89 0.00	27.76 2.35 0.00	28.33 2.56 0.00	27.56 2.52 0.00	27.63 2.43 0.00	30.12 2.54 0.00	30.62 2.39 0.00	40.53 2.75 0.00	31.59 1.92 0.00	27.35 1.95 0.00	30.44 2.37 0.00	33.51 2.66 0.00	34.45 3.09 0.00	35.25 3.07 0.00	26.20 2.20 0.00	30.96 2.53 0.00	28.07 2.14 0.00	33.20 2.34 0.00	25.64 1.79 0.00
CPV_VALLEY___CC1 323721	24.60 0.64 0.00	24.62 0.66 0.00	23.58 0.55 0.00	24.45 0.64 0.00	22.51 0.58 0.00	25.41 0.67 0.00	26.41 0.99 0.00	26.85 1.08 0.00	25.92 0.87 0.00	26.07 0.88 0.00	28.55 0.97 0.00	29.17 0.95 0.00	38.96 1.17 0.00	30.56 0.89 0.00	26.22 0.82 0.00	29.05 0.98 0.00	31.98 1.13 0.00	32.83 1.48 0.00	33.65 1.46 0.00	24.97 0.97 0.00	29.55 1.12 0.00	26.90 0.97 0.00	31.93 1.07 0.00	24.61 0.76 0.00
CPV_VALLEY___CC2 323722	24.60 0.64 0.00	24.62 0.66 0.00	23.58 0.55 0.00	24.45 0.64 0.00	22.51 0.58 0.00	25.41 0.67 0.00	26.41 0.99 0.00	26.85 1.08 0.00	25.92 0.87 0.00	26.07 0.88 0.00	28.55 0.97 0.00	29.17 0.95 0.00	38.96 1.17 0.00	30.56 0.89 0.00	26.22 0.82 0.00	29.05 0.98 0.00	31.98 1.13 0.00	32.83 1.48 0.00	33.65 1.46 0.00	24.97 0.97 0.00	29.55 1.12 0.00	26.90 0.97 0.00	31.93 1.07 0.00	24.61 0.76 0.00
CRESCENT___HYD 24018	24.64 0.68 0.00	24.69 0.73 0.00	23.69 0.67 0.00	24.54 0.73 0.00	22.62 0.69 0.00	25.59 0.86 0.00	26.57 1.16 0.00	27.00 1.22 0.00	26.15 1.11 0.00	26.27 1.08 0.00	28.75 1.17 0.00	29.40 1.17 0.00	39.25 1.46 0.00	30.80 1.13 0.00	26.44 1.03 0.00	29.22 1.15 0.00	32.03 1.17 0.00	32.71 1.35 0.00	33.44 1.26 0.00	24.92 0.92 0.00	29.53 1.11 0.00	26.87 0.93 0.00	31.89 1.02 0.00	24.72 0.87 0.00
CRICKET___VALLEY_CC1 323756	24.92 0.96 0.00	24.94 0.99 0.00	23.87 0.85 0.00	24.75 0.93 0.00	22.81 0.88 0.00	25.77 1.04 0.00	26.83 1.42 0.00	27.34 1.57 0.00	26.41 1.37 0.00	26.58 1.38 0.00	29.12 1.54 0.00	29.74 1.51 0.00	39.73 1.93 0.00	31.15 1.48 0.00	26.75 1.34 0.00	29.60 1.53 0.00	32.58 1.73 0.00	33.47 2.11 0.00	34.19 2.01 0.00	25.37 1.37 0.00	30.01 1.58 0.00	27.29 1.36 0.00	32.36 1.49 0.00	24.97 1.12 0.00
CRICKET___VALLEY_CC2 323757	24.92 0.96 0.00	24.94 0.99 0.00	23.87 0.85 0.00	24.75 0.93 0.00	22.81 0.88 0.00	25.77 1.04 0.00	26.83 1.42 0.00	27.34 1.57 0.00	26.41 1.37 0.00	26.58 1.38 0.00	29.12 1.54 0.00	29.74 1.51 0.00	39.73 1.93 0.00	31.15 1.48 0.00	26.75 1.34 0.00	29.60 1.53 0.00	32.58 1.73 0.00	33.47 2.11 0.00	34.19 2.01 0.00	25.37 1.37 0.00	30.01 1.58 0.00	27.29 1.36 0.00	32.36 1.49 0.00	24.97 1.12 0.00
CRICKET___VALLEY_CC3 323758	24.92 0.96 0.00	24.94 0.99 0.00	23.87 0.85 0.00	24.75 0.93 0.00	22.81 0.88 0.00	25.77 1.04 0.00	26.83 1.42 0.00	27.34 1.57 0.00	26.41 1.37 0.00	26.58 1.38 0.00	29.12 1.54 0.00	29.74 1.51 0.00	39.73 1.93 0.00	31.15 1.48 0.00	26.75 1.34 0.00	29.60 1.53 0.00	32.58 1.73 0.00	33.47 2.11 0.00	34.19 2.01 0.00	25.37 1.37 0.00	30.01 1.58 0.00	27.29 1.36 0.00	32.36 1.49 0.00	24.97 1.12 0.00
CRUCIBLE_METL_DRP 24180	23.76 -0.20 0.00	23.80 -0.15 0.00	22.87 -0.16 0.00	23.64 -0.17 0.00	21.74 -0.18 0.00	24.50 -0.24 0.00	25.20 -0.21 0.00	25.48 -0.29 0.00	24.77 -0.28 0.00	24.85 -0.34 0.00	27.15 -0.43 0.00	27.78 -0.45 0.00	37.13 -0.66 0.00	29.16 -0.50 0.00	24.95 -0.45 0.00	27.59 -0.48 0.00	30.36 -0.49 0.00	31.00 -0.36 0.00	31.82 -0.36 0.00	23.63 -0.36 0.00	27.98 -0.44 0.00	25.59 -0.34 0.00	30.53 -0.33 0.00	23.56 -0.28 0.00
DAHOWA___HYDRO 323763	24.96 1.00 0.00	25.02 1.06 0.00	24.01 0.99 0.00	24.87 1.06 0.00	22.94 1.01 0.00	26.02 1.28 0.00	27.04 1.62 0.00	27.51 1.73 0.00	26.66 1.61 0.00	26.77 1.58 0.00	29.29 1.70 0.00	30.02 1.79 0.00	40.08 2.29 0.00	31.33 1.66 0.00	26.85 1.45 0.00	29.67 1.60 0.00	32.52 1.67 0.00	33.15 1.79 0.00	33.84 1.66 0.00	25.22 1.22 0.00	29.82 1.39 0.00	27.15 1.21 0.00	32.33 1.46 0.00	25.04 1.20 0.00
DANC___LFGE 323619	23.52 -0.44 0.00	23.21 -0.75 0.00	22.28 -0.74 0.00	23.30 -0.51 0.00	21.48 -0.45 0.00	23.91 -0.83 0.00	24.69 -0.73 0.00	25.09 -0.69 0.00	24.55 -0.49 0.00	24.79 -0.41 0.00	26.95 -0.63 0.00	27.34 -0.89 0.00	36.51 -1.28 0.00	28.72 -0.94 0.00	24.47 -0.94 0.00	27.17 -0.90 0.00	30.41 -0.44 0.00	30.94 -0.42 0.00	31.46 -0.72 0.00	23.09 -0.91 0.00	27.34 -1.08 0.00	25.19 -0.95 0.00	30.04 -0.92 0.00	22.96 -0.89 0.00
DANSKAMMER___1 23586	25.15 1.19 0.00	25.17 1.21 0.00	24.08 1.06 0.00	24.97 1.16 0.00	23.01 1.08 0.00	26.01 1.27 0.00	27.09 1.68 0.00	27.58 1.80 0.00	26.62 1.58 0.00	26.78 1.58 0.00	29.32 1.75 0.00	29.96 1.73 0.00	39.99 2.20 0.00	31.30 1.63 0.00	26.89 1.49 0.00	29.81 1.74 0.00	32.84 1.99 0.00	33.77 2.41 0.00	34.58 2.39 0.00	25.65 1.65 0.00	30.32 1.90 0.00	27.57 1.64 0.00	32.69 1.83 0.00	25.18 1.34 0.00
DANSKAMMER___2 23589	25.15 1.19 0.00	25.17 1.21 0.00	24.08 1.06 0.00	24.97 1.16 0.00	23.01 1.08 0.00	26.01 1.27 0.00	27.09 1.68 0.00	27.58 1.80 0.00	26.62 1.58 0.00	26.78 1.58 0.00	29.32 1.75 0.00	29.96 1.73 0.00	39.99 2.20 0.00	31.30 1.63 0.00	26.89 1.49 0.00	29.81 1.74 0.00	32.84 1.99 0.00	33.77 2.41 0.00	34.58 2.39 0.00	25.65 1.65 0.00	30.32 1.90 0.00	27.57 1.64 0.00	32.69 1.83 0.00	25.18 1.34 0.00
DANSKAMMER___3 23590	25.15 1.19 0.00	25.17 1.21 0.00	24.08 1.06 0.00	24.97 1.16 0.00	23.01 1.08 0.00	26.01 1.27 0.00	27.09 1.68 0.00	27.58 1.80 0.00	26.62 1.58 0.00	26.78 1.58 0.00	29.32 1.75 0.00	29.96 1.73 0.00	39.99 2.20 0.00	31.30 1.63 0.00	26.89 1.49 0.00	29.81 1.74 0.00	32.84 1.99 0.00	33.77 2.41 0.00	34.58 2.39 0.00	25.65 1.65 0.00	30.32 1.90 0.00	27.57 1.64 0.00	32.69 1.83 0.00	25.18 1.34 0.00
DANSKAMMER___4 23591	25.15 1.19 0.00	25.17 1.21 0.00	24.08 1.06 0.00	24.97 1.16 0.00	23.01 1.08 0.00	26.01 1.27 0.00	27.09 1.68 0.00	27.58 1.80 0.00	26.62 1.58 0.00	26.78 1.58 0.00	29.32 1.75 0.00	29.96 1.73 0.00	39.99 2.20 0.00	31.30 1.63 0.00	26.89 1.49 0.00	29.81 1.74 0.00	32.84 1.99 0.00	33.77 2.41 0.00	34.58 2.39 0.00	25.65 1.65 0.00	30.32 1.90 0.00	27.57 1.64 0.00	32.69 1.83 0.00	25.18 1.34 0.00
DANSKAMMER___DIESEL 23592	25.15 1.19 0.00	25.17 1.21 0.00	24.08 1.06 0.00	24.97 1.16 0.00	23.00 1.07 0.00	26.01 1.27 0.00	27.09 1.68 0.00	27.59 1.81 0.00	26.62 1.58 0.00	26.77 1.58 0.00	29.31 1.74 0.00	29.96 1.73 0.00	39.99 2.20 0.00	31.30 1.63 0.00	26.89 1.49 0.00	29.81 1.74 0.00	32.84 1.99 0.00	33.77 2.41 0.00	34.58 2.39 0.00	25.65 1.65 0.00	30.33 1.90 0.00	27.57 1.64 0.00	32.69 1.82 0.00	25.19 1.34 0.00



DARBY___SOLAR 323810	24.90 0.94 0.00	24.96 1.00 0.00	23.95 0.93 0.00	24.81 0.99 0.00	22.87 0.94 0.00	25.94 1.20 0.00	26.94 1.52 0.00	27.40 1.63 0.00	26.54 1.50 0.00	26.66 1.47 0.00	29.16 1.58 0.00	29.88 1.65 0.00	39.91 2.11 0.00	31.21 1.55 0.00	26.76 1.36 0.00	29.57 1.50 0.00	32.42 1.57 0.00	33.06 1.70 0.00	33.76 1.58 0.00	25.15 1.15 0.00	29.75 1.33 0.00	27.08 1.15 0.00	32.23 1.37 0.00	24.98 1.13 0.00
DASHVILLE___HYD 23610	25.01 1.05 0.00	25.02 1.07 0.00	23.95 0.93 0.00	24.83 1.02 0.00	22.87 0.94 0.00	25.84 1.10 0.00	26.91 1.50 0.00	27.41 1.63 0.00	26.45 1.41 0.00	26.60 1.40 0.00	29.13 1.55 0.00	29.78 1.55 0.00	39.75 1.96 0.00	31.08 1.42 0.00	26.70 1.29 0.00	29.62 1.54 0.00	32.62 1.76 0.00	33.52 2.16 0.00	34.37 2.19 0.00	25.51 1.51 0.00	30.15 1.73 0.00	27.43 1.49 0.00	32.52 1.65 0.00	25.05 1.20 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	25.52 1.56 0.00	41.30 1.86 -15.49	24.71 1.68 0.00	28.88 1.90 -3.17	24.41 1.73 -0.75	26.68 1.94 0.00	27.95 2.53 0.00	28.21 2.43 0.00	27.13 2.09 0.00	27.28 2.09 0.00	30.36 2.34 -0.44	43.84 2.34 -13.26	41.26 2.96 -0.51	45.17 2.57 -12.93	28.71 2.25 -1.04	30.57 2.49 0.00	33.60 2.75 0.00	34.83 3.47 0.00	35.48 3.30 0.00	26.25 2.25 0.00	31.08 2.66 0.00	28.20 2.27 0.00	33.42 2.55 0.00	26.45 2.01 -0.59
DELAWARE___LFGE 323621	24.39 0.42 0.00	24.39 0.44 0.00	23.44 0.41 0.00	24.30 0.49 0.00	22.37 0.45 0.00	25.21 0.48 0.00	26.10 0.69 0.00	26.53 0.75 0.00	25.69 0.65 0.00	25.83 0.64 0.00	28.28 0.70 0.00	28.92 0.69 0.00	38.68 0.89 0.00	30.34 0.67 0.00	25.97 0.56 0.00	28.65 0.58 0.00	31.52 0.67 0.00	32.30 0.95 0.00	33.19 1.01 0.00	24.63 0.63 0.00	29.15 0.72 0.00	26.57 0.64 0.00	31.61 0.74 0.00	24.33 0.48 0.00
DERFIELD_115KV_TB7 355931	23.98 0.02 0.00	23.98 0.02 0.00	23.04 0.01 0.00	23.86 0.04 0.00	21.97 0.04 0.00	24.79 0.05 0.00	25.52 0.11 0.00	25.89 0.12 0.00	25.14 0.09 0.00	25.28 0.08 0.00	27.66 0.08 0.00	28.29 0.06 0.00	37.86 0.07 0.00	29.72 0.06 0.00	25.44 0.03 0.00	28.13 0.06 0.00	30.96 0.11 0.00	31.50 0.15 0.00	32.31 0.13 0.00	24.07 0.07 0.00	28.49 0.07 0.00	26.01 0.08 0.00	30.96 0.09 0.00	23.91 0.06 0.00
DOGLEVILLE___HYD 23807	24.13 0.17 0.00	24.16 0.20 0.00	23.17 0.14 0.00	24.18 0.37 0.00	22.27 0.34 0.00	25.26 0.53 0.00	26.41 1.00 0.00	27.04 1.26 0.00	26.15 1.10 0.00	26.22 1.02 0.00	28.63 1.05 0.00	29.27 1.04 0.00	39.09 1.30 0.00	30.62 0.95 0.00	26.16 0.75 0.00	28.78 0.71 0.00	31.55 0.70 0.00	32.21 0.85 0.00	33.30 1.12 0.00	24.78 0.78 0.00	29.21 0.79 0.00	26.77 0.83 0.00	31.76 0.90 0.00	24.42 0.58 0.00
DUNKIRK___115KV_TB_200 55889	22.88 -1.08 0.00	23.03 -0.92 0.00	22.12 -0.90 0.00	22.81 -1.01 0.00	21.10 -0.83 0.00	23.85 -0.88 0.00	24.39 -1.02 0.00	24.68 -1.10 0.00	23.99 -1.05 0.00	23.91 -1.28 0.00	25.87 -1.71 0.00	26.45 -1.78 0.00	35.25 -2.55 0.00	27.72 -1.95 0.00	23.63 -1.78 0.00	26.09 -1.98 0.00	28.70 -2.15 0.00	29.76 -1.60 0.00	30.51 -1.67 0.00	22.21 -1.78 0.00	26.49 -1.93 0.00	24.00 -1.94 0.00	28.80 -2.07 0.00	21.99 -1.86 0.00
DUNKIRK___1 23563	22.88 -1.08 0.00	23.03 -0.92 0.00	22.12 -0.90 0.00	22.81 -1.01 0.00	21.10 -0.83 0.00	23.85 -0.88 0.00	24.39 -1.02 0.00	24.68 -1.10 0.00	23.99 -1.05 0.00	23.91 -1.28 0.00	25.87 -1.71 0.00	26.45 -1.78 0.00	35.25 -2.55 0.00	27.72 -1.95 0.00	23.63 -1.78 0.00	26.09 -1.98 0.00	28.70 -2.15 0.00	29.76 -1.60 0.00	30.51 -1.67 0.00	22.21 -1.78 0.00	26.49 -1.93 0.00	24.00 -1.94 0.00	28.80 -2.07 0.00	21.99 -1.86 0.00
DUNKIRK___2 23564	22.88 -1.08 0.00	23.03 -0.92 0.00	22.12 -0.90 0.00	22.81 -1.01 0.00	21.10 -0.83 0.00	23.85 -0.88 0.00	24.39 -1.02 0.00	24.68 -1.10 0.00	23.99 -1.05 0.00	23.91 -1.28 0.00	25.87 -1.71 0.00	26.45 -1.78 0.00	35.25 -2.55 0.00	27.72 -1.95 0.00	23.63 -1.78 0.00	26.09 -1.98 0.00	28.70 -2.15 0.00	29.76 -1.60 0.00	30.51 -1.67 0.00	22.21 -1.78 0.00	26.49 -1.93 0.00	24.00 -1.94 0.00	28.80 -2.07 0.00	21.99 -1.86 0.00
DUNKIRK___3 23565	22.95 -1.01 0.00	23.09 -0.86 0.00	22.16 -0.86 0.00	22.88 -0.93 0.00	21.14 -0.79 0.00	23.88 -0.85 0.00	24.43 -0.98 0.00	24.70 -1.08 0.00	23.99 -1.05 0.00	23.90 -1.29 0.00	25.90 -1.68 0.00	26.48 -1.75 0.00	35.29 -2.50 0.00	27.77 -1.90 0.00	23.64 -1.77 0.00	26.09 -1.98 0.00	28.71 -2.15 0.00	29.78 -1.58 0.00	30.56 -1.62 0.00	22.26 -1.74 0.00	26.53 -1.89 0.00	24.05 -1.88 0.00	28.89 -1.98 0.00	22.05 -1.80 0.00
DUNKIRK___4 23566	22.90 -1.06 0.00	23.07 -0.89 0.00	22.15 -0.88 0.00	22.84 -0.98 0.00	21.14 -0.79 0.00	23.87 -0.86 0.00	24.39 -1.02 0.00	24.64 -1.14 0.00	23.97 -1.07 0.00	23.87 -1.33 0.00	25.83 -1.75 0.00	26.41 -1.82 0.00	35.17 -2.62 0.00	27.69 -1.98 0.00	23.58 -1.83 0.00	26.01 -2.06 0.00	28.62 -2.23 0.00	29.71 -1.64 0.00	30.46 -1.73 0.00	22.19 -1.81 0.00	26.47 -1.96 0.00	23.96 -1.97 0.00	28.76 -2.11 0.00	21.98 -1.87 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.08 1.12 0.00	25.09 1.14 0.00	23.99 0.96 0.00	24.88 1.06 0.00	22.91 0.98 0.00	25.90 1.16 0.00	27.00 1.58 0.00	27.50 1.72 0.00	26.51 1.46 0.00	26.67 1.48 0.00	29.21 1.63 0.00	29.85 1.62 0.00	39.88 2.09 0.00	31.28 1.62 0.00	26.87 1.46 0.00	29.75 1.68 0.00	32.75 1.89 0.00	33.68 2.32 0.00	34.49 2.30 0.00	25.57 1.57 0.00	30.24 1.82 0.00	27.49 1.56 0.00	32.61 1.74 0.00	25.11 1.27 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.94 0.98 0.00	24.95 1.00 0.00	23.89 0.86 0.00	24.76 0.95 0.00	22.80 0.87 0.00	25.78 1.04 0.00	26.83 1.42 0.00	27.30 1.52 0.00	26.34 1.30 0.00	26.50 1.30 0.00	29.01 1.43 0.00	29.65 1.42 0.00	39.58 1.79 0.00	30.99 1.32 0.00	26.61 1.20 0.00	29.49 1.42 0.00	32.51 1.65 0.00	33.41 2.05 0.00	34.22 2.04 0.00	25.39 1.39 0.00	30.03 1.60 0.00	27.32 1.39 0.00	32.41 1.55 0.00	24.97 1.12 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.08 1.12 0.00	25.10 1.14 0.00	23.98 0.96 0.00	24.86 1.04 0.00	22.90 0.97 0.00	25.92 1.18 0.00	27.06 1.65 0.00	27.60 1.82 0.00	26.61 1.57 0.00	26.75 1.56 0.00	29.28 1.70 0.00	29.92 1.69 0.00	39.98 2.19 0.00	31.38 1.71 0.00	26.97 1.56 0.00	29.83 1.76 0.00	32.86 2.00 0.00	33.77 2.41 0.00	34.58 2.40 0.00	25.67 1.67 0.00	30.32 1.90 0.00	27.56 1.62 0.00	32.67 1.80 0.00	25.16 1.31 0.00
E179THST_13_KV_LOAD 356214	25.18 1.21 0.00	25.19 1.24 0.00	24.07 1.05 0.00	24.94 1.13 0.00	22.98 1.05 0.00	26.01 1.27 0.00	27.17 1.76 0.00	27.72 1.94 0.00	26.73 1.69 0.00	26.87 1.67 0.00	29.41 1.83 0.00	30.04 1.81 0.00	40.15 2.36 0.00	31.51 1.84 0.00	27.08 1.67 0.00	29.96 1.89 0.00	33.00 2.15 0.00	33.92 2.56 0.00	34.74 2.56 0.00	25.79 1.79 0.00	30.46 2.04 0.00	27.67 1.74 0.00	32.80 1.93 0.00	25.25 1.41 0.00



EAST HAMPTON___GT 23717	25.74 1.78 0.00	41.51 2.07 -15.49	24.91 1.88 0.00	29.10 2.12 -3.17	24.62 1.94 -0.75	26.91 2.18 0.00	28.20 2.78 0.00	28.43 2.65 0.00	27.38 2.34 0.00	27.57 2.37 0.00	30.73 2.71 -0.44	44.21 2.72 -13.26	41.63 3.33 -0.51	45.48 2.88 -12.93	28.97 2.51 -1.04	30.85 2.78 0.00	34.01 3.15 0.00	35.26 3.90 0.00	35.87 3.69 0.00	26.51 2.51 0.00	31.35 2.93 0.00	28.45 2.52 0.00	33.71 2.84 0.00	26.66 2.22 -0.59
EAST RIVER___6 23660	25.19 1.22 0.00	25.18 1.23 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.01 1.08 0.00	26.00 1.27 0.00	27.14 1.73 0.00	27.62 1.85 0.00	26.63 1.59 0.00	26.80 1.60 0.00	29.34 1.76 0.00	30.01 1.78 0.00	40.15 2.36 0.00	31.52 1.86 0.00	27.07 1.67 0.00	30.00 1.93 0.00	33.01 2.16 0.00	33.92 2.56 0.00	34.75 2.57 0.00	25.78 1.78 0.00	30.44 2.01 0.00	27.65 1.72 0.00	32.77 1.91 0.00	25.23 1.38 0.00
EAST RIVER___7 23524	25.19 1.22 0.00	25.18 1.23 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.01 1.08 0.00	26.00 1.27 0.00	27.14 1.73 0.00	27.62 1.85 0.00	26.63 1.59 0.00	26.80 1.60 0.00	29.34 1.76 0.00	30.01 1.78 0.00	40.15 2.36 0.00	31.52 1.86 0.00	27.07 1.67 0.00	30.00 1.93 0.00	33.01 2.16 0.00	33.92 2.56 0.00	34.75 2.57 0.00	25.78 1.78 0.00	30.44 2.01 0.00	27.65 1.72 0.00	32.77 1.91 0.00	25.23 1.38 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.04 1.08 0.00	25.05 1.10 0.00	23.96 0.94 0.00	24.85 1.04 0.00	22.89 0.96 0.00	25.86 1.13 0.00	26.96 1.55 0.00	27.44 1.67 0.00	26.46 1.41 0.00	26.62 1.43 0.00	29.16 1.58 0.00	29.80 1.57 0.00	39.80 2.01 0.00	31.22 1.56 0.00	26.81 1.40 0.00	29.70 1.62 0.00	32.68 1.83 0.00	33.61 2.25 0.00	34.41 2.23 0.00	25.52 1.52 0.00	30.18 1.76 0.00	27.45 1.52 0.00	32.55 1.69 0.00	25.08 1.23 0.00
EAST_HAMPTON___DIESEL 23722	25.74 1.78 0.00	41.51 2.07 -15.49	24.91 1.89 0.00	29.10 2.12 -3.17	24.62 1.94 -0.75	26.92 2.18 0.00	28.20 2.78 0.00	28.43 2.65 0.00	27.38 2.34 0.00	27.57 2.37 0.00	30.73 2.71 -0.44	44.21 2.72 -13.26	41.63 3.33 -0.51	45.48 2.89 -12.93	28.97 2.51 -1.04	30.85 2.78 0.00	34.01 3.15 0.00	35.26 3.90 0.00	35.88 3.70 0.00	26.52 2.52 0.00	31.35 2.93 0.00	28.45 2.52 0.00	33.71 2.84 0.00	26.66 2.22 -0.59
EAST_PULASKI___ESR 323781	23.54 -0.42 0.00	23.43 -0.52 0.00	22.50 -0.52 0.00	23.38 -0.43 0.00	21.52 -0.41 0.00	24.13 -0.60 0.00	24.85 -0.57 0.00	25.18 -0.60 0.00	24.51 -0.53 0.00	24.67 -0.53 0.00	26.90 -0.68 0.00	27.43 -0.80 0.00	36.65 -1.14 0.00	28.81 -0.86 0.00	24.61 -0.80 0.00	27.23 -0.84 0.00	30.17 -0.69 0.00	30.76 -0.60 0.00	31.46 -0.73 0.00	23.26 -0.74 0.00	27.55 -0.87 0.00	25.22 -0.72 0.00	30.16 -0.71 0.00	23.22 -0.62 0.00
EAST_RIVER___1 323558	25.15 1.19 0.00	25.16 1.21 0.00	24.05 1.02 0.00	24.94 1.13 0.00	22.99 1.06 0.00	25.98 1.24 0.00	27.11 1.70 0.00	27.62 1.85 0.00	26.62 1.58 0.00	26.79 1.59 0.00	29.33 1.75 0.00	29.99 1.75 0.00	40.05 2.26 0.00	31.44 1.77 0.00	27.00 1.60 0.00	29.92 1.84 0.00	32.94 2.08 0.00	33.86 2.50 0.00	34.69 2.50 0.00	25.72 1.72 0.00	30.37 1.95 0.00	27.60 1.66 0.00	32.72 1.85 0.00	25.19 1.34 0.00
EAST_RIVER___2 323559	25.19 1.22 0.00	25.18 1.23 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.01 1.08 0.00	26.00 1.27 0.00	27.14 1.73 0.00	27.62 1.85 0.00	26.63 1.59 0.00	26.80 1.60 0.00	29.34 1.76 0.00	30.01 1.78 0.00	40.15 2.36 0.00	31.52 1.86 0.00	27.07 1.67 0.00	30.00 1.93 0.00	33.01 2.16 0.00	33.92 2.56 0.00	34.75 2.57 0.00	25.78 1.78 0.00	30.44 2.01 0.00	27.65 1.72 0.00	32.77 1.91 0.00	25.23 1.38 0.00
EAST___DELAWARE_HYD 23607	25.04 1.08 0.00	25.04 1.08 0.00	23.97 0.94 0.00	24.86 1.05 0.00	22.91 0.99 0.00	25.89 1.16 0.00	26.95 1.54 0.00	27.46 1.68 0.00	26.52 1.48 0.00	26.62 1.42 0.00	29.19 1.61 0.00	29.83 1.60 0.00	39.61 1.82 0.00	30.83 1.17 0.00	26.41 1.00 0.00	29.31 1.24 0.00	32.40 1.55 0.00	33.29 1.93 0.00	34.17 1.98 0.00	25.34 1.34 0.00	29.99 1.57 0.00	27.27 1.34 0.00	32.36 1.49 0.00	24.89 1.04 0.00
EIGHT_POINT___WT_PWR 323820	21.76 -2.20 0.00	21.93 -2.02 0.00	21.03 -2.00 0.00	21.80 -2.02 0.00	20.00 -1.93 0.00	22.67 -2.06 0.00	23.42 -2.00 0.00	23.84 -1.94 0.00	23.38 -1.66 0.00	23.43 -1.77 0.00	25.34 -2.24 0.00	25.86 -2.37 0.00	34.21 -3.58 0.00	26.79 -2.88 0.00	22.67 -2.74 0.00	25.07 -3.00 0.00	27.66 -3.19 0.00	28.89 -2.46 0.00	30.16 -2.02 0.00	21.82 -2.18 0.00	25.62 -2.80 0.00	23.17 -2.77 0.00	27.67 -3.20 0.00	21.13 -2.72 0.00
ELBRIDGE_115KV_TB2 80188	23.63 -0.33 0.00	23.66 -0.30 0.00	22.72 -0.30 0.00	23.51 -0.30 0.00	21.63 -0.30 0.00	24.37 -0.37 0.00	25.06 -0.36 0.00	25.36 -0.42 0.00	24.64 -0.41 0.00	24.72 -0.47 0.00	27.01 -0.57 0.00	27.61 -0.62 0.00	36.89 -0.90 0.00	28.97 -0.69 0.00	24.79 -0.62 0.00	27.40 -0.67 0.00	30.19 -0.66 0.00	30.86 -0.50 0.00	31.66 -0.52 0.00	23.51 -0.49 0.00	27.82 -0.61 0.00	25.43 -0.50 0.00	30.35 -0.52 0.00	23.42 -0.43 0.00
ELEC_TRO_TEK 24086	25.39 1.43 0.00	40.95 1.51 -15.49	24.34 1.32 0.00	28.41 1.43 -3.17	23.99 1.32 -0.75	26.24 1.50 0.00	27.34 1.92 0.00	27.77 1.99 0.00	26.80 1.75 0.00	26.97 1.77 0.00	30.05 2.03 -0.44	43.52 2.03 -13.26	40.88 2.58 -0.51	44.65 2.05 -12.93	28.28 1.82 -1.04	30.11 2.04 0.00	33.09 2.23 0.00	34.11 2.75 0.00	34.87 2.69 0.00	25.86 1.86 0.00	30.62 2.19 0.00	27.83 1.90 0.00	33.00 2.14 0.00	26.05 1.61 -0.59
ELLENBURG_WT_PWR 323604	24.58 0.62 0.00	24.31 0.36 0.00	23.38 0.36 0.00	24.07 0.25 0.00	22.05 0.12 0.00	24.58 -0.16 0.00	24.89 -0.52 0.00	25.54 -0.24 0.00	25.13 0.09 0.00	25.74 0.54 0.00	28.53 0.95 0.00	29.38 1.15 0.00	39.64 1.85 0.00	31.11 1.44 0.00	26.25 0.84 0.00	28.42 0.34 0.00	30.65 -0.21 0.00	30.83 -0.53 0.00	31.63 -0.55 0.00	24.03 0.03 0.00	28.30 -0.12 0.00	15.79 -0.63 9.51	25.72 -0.91 4.24	23.43 -0.41 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.79 -1.17 0.00	22.96 -0.99 0.00	22.06 -0.96 0.00	22.77 -1.05 0.00	21.10 -0.83 0.00	23.76 -0.98 0.00	24.21 -1.20 0.00	24.34 -1.44 0.00	23.73 -1.32 0.00	23.59 -1.60 0.00	25.52 -2.07 0.00	26.07 -2.17 0.00	34.67 -3.12 0.00	27.35 -2.32 0.00	23.25 -2.16 0.00	25.57 -2.50 0.00	28.17 -2.68 0.00	29.30 -2.06 0.00	30.02 -2.17 0.00	21.91 -2.09 0.00	26.17 -2.25 0.00	23.64 -2.30 0.00	28.34 -2.53 0.00	21.76 -2.09 0.00
EMPIRE_CC_1 323656	24.43 0.47 0.00	24.47 0.52 0.00	23.48 0.46 0.00	24.33 0.51 0.00	22.43 0.50 0.00	25.32 0.58 0.00	26.21 0.79 0.00	26.63 0.85 0.00	25.76 0.72 0.00	25.91 0.71 0.00	28.35 0.77 0.00	28.98 0.75 0.00	38.69 0.90 0.00	30.38 0.71 0.00	26.09 0.69 0.00	28.86 0.78 0.00	31.60 0.74 0.00	32.28 0.93 0.00	33.01 0.83 0.00	24.64 0.64 0.00	29.20 0.77 0.00	26.59 0.66 0.00	31.50 0.64 0.00	24.50 0.65 0.00



EMPIRE_CC_2 323658	24.43 0.47 0.00	24.47 0.52 0.00	23.48 0.46 0.00	24.33 0.51 0.00	22.43 0.50 0.00	25.32 0.58 0.00	26.21 0.79 0.00	26.63 0.85 0.00	25.76 0.72 0.00	25.91 0.71 0.00	28.35 0.77 0.00	28.98 0.75 0.00	38.69 0.90 0.00	30.38 0.71 0.00	26.09 0.69 0.00	28.86 0.78 0.00	31.60 0.74 0.00	32.28 0.93 0.00	33.01 0.83 0.00	24.64 0.64 0.00	29.20 0.77 0.00	26.59 0.66 0.00	31.50 0.64 0.00	24.50 0.65 0.00
ENORWICH_115KV_TB1 80156	24.73 0.77 0.00	24.70 0.75 0.00	23.70 0.68 0.00	24.67 0.86 0.00	22.64 0.72 0.00	25.55 0.82 0.00	26.54 1.13 0.00	27.08 1.30 0.00	26.45 1.40 0.00	26.68 1.49 0.00	29.25 1.67 0.00	30.06 1.83 0.00	40.28 2.49 0.00	31.52 1.85 0.00	26.74 1.33 0.00	29.24 1.17 0.00	32.38 1.53 0.00	33.39 2.03 0.00	34.38 2.20 0.00	25.32 1.32 0.00	29.95 1.52 0.00	27.20 1.27 0.00	32.49 1.62 0.00	24.83 0.98 0.00
ERIE_ST__34_KV_TB1-2 80199	23.29 -0.67 0.00	23.44 -0.51 0.00	22.51 -0.51 0.00	23.24 -0.57 0.00	21.52 -0.41 0.00	24.25 -0.49 0.00	24.76 -0.65 0.00	24.94 -0.83 0.00	24.31 -0.74 0.00	24.18 -1.02 0.00	26.18 -1.40 0.00	26.77 -1.46 0.00	35.63 -2.16 0.00	28.08 -1.58 0.00	23.87 -1.53 0.00	26.25 -1.82 0.00	28.92 -1.93 0.00	30.06 -1.30 0.00	30.85 -1.33 0.00	22.52 -1.48 0.00	26.87 -1.56 0.00	24.28 -1.65 0.00	29.10 -1.77 0.00	22.30 -1.54 0.00
ERIE_WT_PWR 323693	22.92 -1.04 0.00	23.10 -0.85 0.00	22.20 -0.83 0.00	22.89 -0.92 0.00	21.18 -0.75 0.00	23.90 -0.84 0.00	24.39 -1.03 0.00	24.53 -1.25 0.00	23.89 -1.15 0.00	23.75 -1.45 0.00	25.67 -1.91 0.00	26.24 -1.99 0.00	34.96 -2.83 0.00	27.55 -2.12 0.00	23.42 -1.99 0.00	25.77 -2.30 0.00	28.38 -2.48 0.00	29.54 -1.82 0.00	30.26 -1.92 0.00	22.08 -1.92 0.00	26.38 -2.05 0.00	23.81 -2.13 0.00	28.55 -2.31 0.00	21.89 -1.95 0.00
ESPRGFLD_115KV_TB1 80157	24.61 0.65 0.00	24.53 0.57 0.00	23.61 0.59 0.00	24.53 0.72 0.00	22.61 0.68 0.00	25.41 0.68 0.00	26.20 0.79 0.00	26.68 0.90 0.00	25.92 0.87 0.00	26.09 0.89 0.00	28.56 0.99 0.00	29.19 0.96 0.00	39.12 1.33 0.00	30.68 1.02 0.00	26.14 0.73 0.00	28.74 0.66 0.00	31.78 0.93 0.00	32.38 1.02 0.00	33.35 1.17 0.00	24.77 0.77 0.00	29.23 0.81 0.00	26.72 0.79 0.00	31.78 0.91 0.00	24.44 0.59 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.16 0.20 0.00	24.19 0.23 0.00	23.22 0.19 0.00	24.04 0.23 0.00	22.11 0.18 0.00	24.95 0.21 0.00	25.77 0.35 0.00	26.16 0.38 0.00	25.44 0.40 0.00	25.51 0.31 0.00	27.85 0.27 0.00	28.47 0.23 0.00	37.99 0.20 0.00	29.83 0.16 0.00	25.48 0.07 0.00	28.16 0.09 0.00	31.04 0.19 0.00	31.80 0.44 0.00	32.71 0.53 0.00	24.21 0.21 0.00	28.63 0.21 0.00	26.12 0.19 0.00	31.14 0.27 0.00	23.94 0.10 0.00
ETNA_____115KV_TB2 80207	24.16 0.20 0.00	24.19 0.23 0.00	23.22 0.19 0.00	24.04 0.23 0.00	22.11 0.18 0.00	24.95 0.21 0.00	25.77 0.35 0.00	26.16 0.38 0.00	25.44 0.40 0.00	25.51 0.31 0.00	27.85 0.27 0.00	28.47 0.23 0.00	37.99 0.20 0.00	29.83 0.16 0.00	25.48 0.07 0.00	28.16 0.09 0.00	31.04 0.19 0.00	31.80 0.44 0.00	32.71 0.53 0.00	24.21 0.21 0.00	28.63 0.21 0.00	26.12 0.19 0.00	31.14 0.27 0.00	23.94 0.10 0.00
EUCLID___115KV_TB2 356179	23.53 -0.43 0.00	23.55 -0.40 0.00	22.62 -0.40 0.00	23.41 -0.40 0.00	21.54 -0.39 0.00	24.25 -0.49 0.00	24.92 -0.49 0.00	25.21 -0.57 0.00	24.49 -0.56 0.00	24.59 -0.61 0.00	26.87 -0.71 0.00	27.49 -0.73 0.00	36.75 -1.05 0.00	28.87 -0.80 0.00	24.70 -0.70 0.00	27.31 -0.76 0.00	30.05 -0.81 0.00	30.68 -0.68 0.00	31.48 -0.70 0.00	23.38 -0.62 0.00	27.69 -0.73 0.00	25.35 -0.59 0.00	30.25 -0.62 0.00	23.36 -0.48 0.00
E_CANADA_CAP_HY 24051	24.78 0.82 0.00	24.68 0.73 0.00	23.77 0.75 0.00	24.69 0.88 0.00	22.76 0.83 0.00	25.62 0.88 0.00	26.40 0.98 0.00	26.88 1.10 0.00	26.09 1.05 0.00	26.26 1.07 0.00	28.75 1.17 0.00	29.37 1.14 0.00	39.30 1.51 0.00	30.84 1.18 0.00	26.26 0.85 0.00	28.89 0.81 0.00	32.02 1.16 0.00	32.49 1.13 0.00	33.37 1.18 0.00	24.82 0.82 0.00	29.28 0.86 0.00	26.85 0.92 0.00	31.90 1.03 0.00	24.60 0.75 0.00
E_CANADA_MHWK_HY 24050	24.13 0.17 0.00	24.16 0.20 0.00	23.17 0.14 0.00	24.18 0.37 0.00	22.27 0.34 0.00	25.26 0.53 0.00	26.41 1.00 0.00	27.04 1.26 0.00	26.15 1.10 0.00	26.22 1.02 0.00	28.63 1.05 0.00	29.27 1.04 0.00	39.09 1.30 0.00	30.62 0.95 0.00	26.16 0.75 0.00	28.78 0.71 0.00	31.55 0.70 0.00	32.21 0.85 0.00	33.30 1.12 0.00	24.78 0.78 0.00	29.21 0.79 0.00	26.77 0.83 0.00	31.76 0.90 0.00	24.42 0.58 0.00
E_FISHKILL___LBMP 23776	24.91 0.95 0.00	24.93 0.98 0.00	23.86 0.84 0.00	24.74 0.92 0.00	22.78 0.85 0.00	25.75 1.01 0.00	26.81 1.40 0.00	27.30 1.52 0.00	26.33 1.29 0.00	26.50 1.30 0.00	29.01 1.43 0.00	29.65 1.42 0.00	39.60 1.81 0.00	31.06 1.40 0.00	26.67 1.27 0.00	29.53 1.46 0.00	32.50 1.65 0.00	33.39 2.03 0.00	34.17 1.99 0.00	25.36 1.36 0.00	29.99 1.57 0.00	27.28 1.35 0.00	32.36 1.50 0.00	24.95 1.10 0.00
FALCON___SEABRD_CC1 323796	24.96 1.00 0.00	24.67 0.72 0.00	23.67 0.64 0.00	24.39 0.57 0.00	22.35 0.42 0.00	24.92 0.18 0.00	25.27 -0.14 0.00	25.93 0.16 0.00	25.43 0.39 0.00	26.04 0.85 0.00	28.90 1.33 0.00	29.77 1.54 0.00	40.27 2.48 0.00	31.62 1.95 0.00	26.63 1.22 0.00	28.86 0.79 0.00	31.11 0.26 0.00	31.36 0.00 0.00	32.07 -0.11 0.00	24.38 0.39 0.00	28.75 0.33 0.00	16.07 -0.26 9.60	26.05 -0.53 4.28	23.70 -0.15 0.00
FALCON___SEABRD_CC2 323797	24.96 1.00 0.00	24.67 0.72 0.00	23.67 0.64 0.00	24.39 0.57 0.00	22.35 0.42 0.00	24.92 0.18 0.00	25.27 -0.14 0.00	25.93 0.16 0.00	25.43 0.39 0.00	26.04 0.85 0.00	28.90 1.33 0.00	29.77 1.54 0.00	40.27 2.48 0.00	31.62 1.95 0.00	26.63 1.22 0.00	28.86 0.79 0.00	31.11 0.26 0.00	31.36 0.00 0.00	32.07 -0.11 0.00	24.38 0.39 0.00	28.75 0.33 0.00	16.07 -0.26 9.60	26.05 -0.53 4.28	23.70 -0.15 0.00
FAR ROCKAWAY___4 23548	25.70 1.74 0.00	41.27 1.82 -15.49	24.63 1.60 0.00	28.69 1.71 -3.17	24.25 1.58 -0.75	26.55 1.82 0.00	27.65 2.24 0.00	28.07 2.29 0.00	27.13 2.09 0.00	27.28 2.09 0.00	30.38 2.36 -0.44	43.88 2.39 -13.26	41.36 3.06 -0.51	45.03 2.43 -12.93	28.57 2.12 -1.04	30.42 2.35 0.00	33.32 2.47 0.00	34.33 2.98 0.00	35.17 2.98 0.00	26.10 2.10 0.00	30.99 2.57 0.00	28.18 2.25 0.00	33.40 2.54 0.00	26.34 1.90 -0.59
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.17 1.21 0.00	25.17 1.22 0.00	24.06 1.03 0.00	24.95 1.13 0.00	22.98 1.05 0.00	25.99 1.25 0.00	27.13 1.72 0.00	27.64 1.87 0.00	26.63 1.59 0.00	26.80 1.60 0.00	29.34 1.76 0.00	29.98 1.75 0.00	40.06 2.26 0.00	31.45 1.78 0.00	27.01 1.60 0.00	29.92 1.85 0.00	32.93 2.08 0.00	33.87 2.51 0.00	34.70 2.51 0.00	25.73 1.73 0.00	30.39 1.96 0.00	27.61 1.67 0.00	32.73 1.87 0.00	25.20 1.35 0.00



FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.18 1.22 0.00	25.18 1.23 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.00 1.26 0.00	27.14 1.73 0.00	27.66 1.88 0.00	26.64 1.60 0.00	26.81 1.61 0.00	29.35 1.77 0.00	30.00 1.77 0.00	40.08 2.29 0.00	31.45 1.78 0.00	27.02 1.61 0.00	29.93 1.86 0.00	32.95 2.10 0.00	33.88 2.52 0.00	34.71 2.53 0.00	25.74 1.74 0.00	30.40 1.98 0.00	27.62 1.69 0.00	32.74 1.88 0.00	25.21 1.36 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.15 1.19 0.00	25.16 1.20 0.00	24.05 1.02 0.00	24.94 1.13 0.00	22.98 1.05 0.00	25.98 1.24 0.00	27.11 1.70 0.00	27.63 1.86 0.00	26.62 1.58 0.00	26.79 1.59 0.00	29.32 1.75 0.00	29.98 1.75 0.00	40.04 2.25 0.00	31.43 1.76 0.00	26.99 1.59 0.00	29.90 1.83 0.00	32.92 2.07 0.00	33.85 2.49 0.00	34.68 2.50 0.00	25.71 1.72 0.00	30.37 1.94 0.00	27.59 1.66 0.00	32.72 1.85 0.00	25.19 1.34 0.00
FARRAGUT___LBMP 323566	25.14 1.18 0.00	25.14 1.19 0.00	24.03 1.01 0.00	24.92 1.11 0.00	22.96 1.03 0.00	25.96 1.22 0.00	27.09 1.68 0.00	27.61 1.83 0.00	26.59 1.55 0.00	26.76 1.56 0.00	29.30 1.72 0.00	29.95 1.72 0.00	40.00 2.21 0.00	31.39 1.73 0.00	26.97 1.56 0.00	29.87 1.80 0.00	32.89 2.04 0.00	33.82 2.46 0.00	34.65 2.47 0.00	25.69 1.69 0.00	30.34 1.92 0.00	27.57 1.64 0.00	32.69 1.83 0.00	25.18 1.33 0.00
FENNER___WINDPWR 24204	24.18 0.22 0.00	24.17 0.21 0.00	23.26 0.23 0.00	24.12 0.31 0.00	22.20 0.27 0.00	25.01 0.27 0.00	25.91 0.49 0.00	26.25 0.47 0.00	25.54 0.50 0.00	25.68 0.48 0.00	28.09 0.51 0.00	28.79 0.56 0.00	38.49 0.70 0.00	30.22 0.55 0.00	25.77 0.37 0.00	28.50 0.43 0.00	31.32 0.47 0.00	31.85 0.49 0.00	32.67 0.48 0.00	24.21 0.21 0.00	28.66 0.23 0.00	26.16 0.23 0.00	31.13 0.26 0.00	23.99 0.14 0.00
FIBERTEK___ENERGY 23856	23.76 -0.20 0.00	23.80 -0.15 0.00	22.87 -0.16 0.00	23.64 -0.17 0.00	21.74 -0.18 0.00	24.50 -0.24 0.00	25.20 -0.21 0.00	25.48 -0.29 0.00	24.77 -0.28 0.00	24.85 -0.34 0.00	27.15 -0.43 0.00	27.78 -0.45 0.00	37.13 -0.66 0.00	29.16 -0.50 0.00	24.95 -0.45 0.00	27.59 -0.48 0.00	30.36 -0.49 0.00	31.00 -0.36 0.00	31.82 -0.36 0.00	23.63 -0.36 0.00	27.98 -0.44 0.00	25.59 -0.34 0.00	30.53 -0.33 0.00	23.56 -0.28 0.00
FITZPATRICK____ 23598	23.26 -0.70 0.00	23.26 -0.69 0.00	22.36 -0.67 0.00	23.13 -0.69 0.00	21.28 -0.65 0.00	23.95 -0.79 0.00	24.57 -0.84 0.00	24.83 -0.95 0.00	24.12 -0.92 0.00	24.22 -0.97 0.00	26.48 -1.10 0.00	27.09 -1.14 0.00	36.23 -1.56 0.00	28.45 -1.21 0.00	24.36 -1.05 0.00	26.92 -1.16 0.00	29.61 -1.25 0.00	30.21 -1.15 0.00	30.99 -1.19 0.00	23.04 -0.96 0.00	27.30 -1.12 0.00	25.01 -0.92 0.00	29.87 -1.00 0.00	23.09 -0.76 0.00
FLOWRFLD_69_KV_BK1 356044	25.35 1.39 0.00	40.99 1.54 -15.49	24.39 1.37 0.00	28.49 1.51 -3.17	24.04 1.36 -0.75	26.26 1.52 0.00	27.40 1.99 0.00	27.79 2.02 0.00	26.76 1.72 0.00	26.97 1.77 0.00	30.08 2.07 -0.44	43.52 2.03 -13.26	40.82 2.52 -0.51	44.74 2.14 -12.93	28.33 1.88 -1.04	30.14 2.07 0.00	33.14 2.29 0.00	34.32 2.96 0.00	34.95 2.77 0.00	25.87 1.87 0.00	30.62 2.20 0.00	27.83 1.89 0.00	32.97 2.11 0.00	26.08 1.64 -0.59
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.20 1.23 0.00	25.21 1.26 0.00	24.13 1.10 0.00	25.02 1.21 0.00	23.04 1.11 0.00	26.06 1.32 0.00	27.15 1.74 0.00	27.65 1.87 0.00	26.70 1.65 0.00	26.85 1.65 0.00	29.40 1.82 0.00	30.04 1.81 0.00	40.10 2.31 0.00	31.40 1.73 0.00	26.96 1.55 0.00	29.88 1.81 0.00	32.91 2.06 0.00	33.83 2.48 0.00	34.65 2.47 0.00	25.70 1.70 0.00	30.39 1.97 0.00	27.63 1.69 0.00	32.75 1.88 0.00	25.23 1.38 0.00
FORT ORANGE____ 23900	24.42 0.46 0.00	24.46 0.51 0.00	23.49 0.46 0.00	24.32 0.51 0.00	22.42 0.49 0.00	25.36 0.62 0.00	26.33 0.92 0.00	26.77 0.99 0.00	25.93 0.88 0.00	26.06 0.86 0.00	28.50 0.92 0.00	29.11 0.88 0.00	38.83 1.04 0.00	30.41 0.75 0.00	26.16 0.76 0.00	28.98 0.91 0.00	31.81 0.96 0.00	32.56 1.20 0.00	33.32 1.13 0.00	24.82 0.82 0.00	29.38 0.96 0.00	26.72 0.79 0.00	31.67 0.80 0.00	24.51 0.67 0.00
FORT_DRUM_COGEN 23780	23.73 -0.23 0.00	23.26 -0.70 0.00	22.33 -0.69 0.00	23.47 -0.34 0.00	21.65 -0.28 0.00	24.01 -0.72 0.00	24.87 -0.54 0.00	25.34 -0.44 0.00	24.93 -0.12 0.00	25.22 0.02 0.00	27.36 -0.22 0.00	27.66 -0.57 0.00	36.94 -0.85 0.00	29.09 -0.58 0.00	24.70 -0.71 0.00	27.49 -0.58 0.00	30.99 0.14 0.00	31.45 0.09 0.00	31.89 -0.30 0.00	23.29 -0.71 0.00	27.57 -0.85 0.00	25.43 -0.83 -0.32	30.24 -0.78 -0.14	22.97 -0.88 0.00
FOX_HILLS___ESR 323835	25.21 1.24 0.00	25.21 1.26 0.00	24.08 1.06 0.00	24.98 1.16 0.00	23.02 1.09 0.00	26.04 1.31 0.00	27.18 1.76 0.00	27.67 1.89 0.00	26.63 1.58 0.00	26.76 1.56 0.00	29.28 1.71 0.00	29.93 1.70 0.00	40.04 2.25 0.00	31.47 1.81 0.00	27.04 1.64 0.00	29.94 1.86 0.00	33.00 2.15 0.00	33.88 2.52 0.00	34.76 2.57 0.00	25.83 1.84 0.00	30.49 2.07 0.00	27.69 1.75 0.00	32.84 1.98 0.00	25.29 1.44 0.00
FPL_FAR_ROCK_GT1 24212	25.70 1.74 0.00	41.27 1.83 -15.49	24.63 1.60 0.00	28.69 1.71 -3.17	24.26 1.59 -0.75	26.55 1.82 0.00	27.66 2.24 0.00	28.06 2.28 0.00	27.13 2.09 0.00	27.29 2.09 0.00	30.39 2.37 -0.44	43.89 2.39 -13.26	41.36 3.06 -0.51	45.03 2.43 -12.93	28.57 2.11 -1.04	30.42 2.35 0.00	33.32 2.47 0.00	34.33 2.97 0.00	35.16 2.98 0.00	26.10 2.10 0.00	30.99 2.57 0.00	28.18 2.25 0.00	33.40 2.53 0.00	26.34 1.90 -0.59
FPL_FAR_ROCK_GT2 23815	25.70 1.74 0.00	41.27 1.83 -15.49	24.63 1.60 0.00	28.69 1.71 -3.17	24.26 1.59 -0.75	26.55 1.82 0.00	27.66 2.24 0.00	28.06 2.28 0.00	27.13 2.09 0.00	27.29 2.09 0.00	30.39 2.37 -0.44	43.89 2.39 -13.26	41.36 3.06 -0.51	45.03 2.43 -12.93	28.57 2.11 -1.04	30.42 2.35 0.00	33.32 2.47 0.00	34.33 2.97 0.00	35.16 2.98 0.00	26.10 2.10 0.00	30.99 2.57 0.00	28.18 2.25 0.00	33.40 2.53 0.00	26.34 1.90 -0.59
FRANKLIN_FALL_HYD 24054	24.74 0.78 0.00	24.51 0.56 0.00	23.59 0.56 0.00	24.30 0.48 0.00	22.31 0.38 0.00	24.97 0.23 0.00	25.37 -0.04 0.00	25.96 0.19 0.00	25.52 0.47 0.00	26.03 0.83 0.00	28.78 1.20 0.00	29.61 1.38 0.00	39.91 2.12 0.00	31.31 1.65 0.00	26.49 1.08 0.00	28.78 0.71 0.00	31.21 0.35 0.00	31.40 0.04 0.00	32.23 0.04 0.00	24.37 0.37 0.00	28.74 0.31 0.00	32.34 -0.11 -6.52	33.50 -0.27 -2.91	23.82 -0.03 0.00
FREEPORT_EQUS_GT1 23764	25.49 1.53 0.00	41.05 1.61 -15.49	24.44 1.42 0.00	28.52 1.54 -3.17	24.10 1.43 -0.75	26.35 1.61 0.00	27.46 2.04 0.00	27.85 2.07 0.00	26.89 1.85 0.00	27.07 1.88 0.00	30.21 2.19 -0.44	43.67 2.18 -13.26	41.01 2.71 -0.51	44.79 2.19 -12.93	28.38 1.92 -1.04	30.21 2.13 0.00	33.13 2.27 0.00	34.18 2.82 0.00	34.94 2.76 0.00	25.92 1.92 0.00	30.75 2.33 0.00	27.97 2.04 0.00	33.15 2.28 0.00	26.16 1.72 -0.59



FREEPORT___CT2 23818	25.49 1.53 0.00	41.05 1.61 -15.49	24.44 1.42 0.00	28.52 1.54 -3.17	24.10 1.43 -0.75	26.35 1.61 0.00	27.46 2.04 0.00	27.85 2.07 0.00	26.89 1.85 0.00	27.07 1.88 0.00	30.21 2.19 -0.44	43.67 2.18 -13.26	41.01 2.71 -0.51	44.79 2.19 -12.93	28.38 1.92 -1.04	30.21 2.13 0.00	33.13 2.27 0.00	34.18 2.82 0.00	34.94 2.76 0.00	25.92 1.92 0.00	30.75 2.33 0.00	27.97 2.04 0.00	33.15 2.28 0.00	26.16 1.72 -0.59
FRESHKLS_33_KV_LOAD 356253	25.21 1.24 0.00	25.22 1.27 0.00	24.09 1.06 0.00	24.99 1.18 0.00	23.03 1.10 0.00	26.05 1.31 0.00	27.16 1.75 0.00	27.59 1.81 0.00	26.51 1.46 0.00	26.60 1.40 0.00	29.09 1.51 0.00	29.72 1.49 0.00	36.04 2.02 3.77	31.35 1.68 0.00	26.95 1.54 0.00	29.82 1.75 0.00	32.91 2.06 0.00	33.70 2.34 0.00	34.63 2.45 0.00	25.82 1.82 0.00	30.47 2.05 0.00	27.65 1.72 0.00	32.82 1.96 0.00	25.31 1.46 0.00
FULTON COGEN____ 23766	23.52 -0.45 0.00	23.53 -0.43 0.00	22.59 -0.43 0.00	23.38 -0.43 0.00	21.51 -0.42 0.00	24.22 -0.52 0.00	24.88 -0.53 0.00	25.16 -0.62 0.00	24.45 -0.59 0.00	24.56 -0.63 0.00	26.84 -0.74 0.00	27.46 -0.76 0.00	36.70 -1.09 0.00	28.82 -0.84 0.00	24.67 -0.74 0.00	27.28 -0.79 0.00	30.02 -0.83 0.00	30.64 -0.72 0.00	31.44 -0.74 0.00	23.35 -0.65 0.00	27.65 -0.77 0.00	25.32 -0.61 0.00	30.22 -0.65 0.00	23.34 -0.51 0.00
FULTON___LFGE 323630	25.39 1.43 0.00	25.44 1.48 0.00	24.42 1.40 0.00	25.40 1.59 0.00	23.36 1.43 0.00	26.46 1.72 0.00	27.53 2.12 0.00	28.00 2.22 0.00	27.25 2.21 0.00	27.19 1.99 0.00	29.55 1.97 0.00	30.25 2.03 0.00	40.72 2.93 0.00	31.91 2.24 0.00	27.28 1.88 0.00	30.28 2.21 0.00	33.18 2.33 0.00	33.45 2.09 0.00	34.85 2.67 0.00	25.92 1.93 0.00	30.65 2.23 0.00	27.95 2.01 0.00	33.01 2.15 0.00	25.41 1.56 0.00
G.F.CEMENT___DRP 24184	25.05 1.09 0.00	25.12 1.16 0.00	24.11 1.08 0.00	24.96 1.14 0.00	23.02 1.10 0.00	26.17 1.44 0.00	27.20 1.79 0.00	27.68 1.91 0.00	26.83 1.79 0.00	26.95 1.76 0.00	29.46 1.88 0.00	30.26 2.04 0.00	40.45 2.66 0.00	31.53 1.86 0.00	26.98 1.58 0.00	29.80 1.73 0.00	32.64 1.79 0.00	33.22 1.87 0.00	33.86 1.68 0.00	25.26 1.26 0.00	29.82 1.40 0.00	27.17 1.23 0.00	32.44 1.57 0.00	25.15 1.30 0.00
GARDENVILLE___LBMP 24039	22.84 -1.12 0.00	23.01 -0.94 0.00	22.11 -0.91 0.00	22.81 -1.01 0.00	21.13 -0.80 0.00	23.80 -0.94 0.00	24.28 -1.13 0.00	24.42 -1.36 0.00	23.80 -1.24 0.00	23.68 -1.52 0.00	25.62 -1.97 0.00	26.18 -2.05 0.00	36.76 -2.96 -1.92	27.45 -2.22 0.00	23.34 -2.07 0.00	25.68 -2.39 0.00	28.29 -2.56 0.00	29.42 -1.94 0.00	30.15 -2.03 0.00	22.00 -2.00 0.00	26.27 -2.16 0.00	23.74 -2.20 0.00	28.46 -2.41 0.00	21.83 -2.01 0.00
GARDNVLA_35_KV_LD 355827	22.93 -1.03 0.00	23.11 -0.84 0.00	22.20 -0.82 0.00	22.91 -0.91 0.00	21.22 -0.71 0.00	23.90 -0.83 0.00	24.40 -1.02 0.00	24.54 -1.24 0.00	23.91 -1.13 0.00	23.79 -1.41 0.00	25.74 -1.84 0.00	26.31 -1.92 0.00	35.01 -2.78 0.00	27.59 -2.08 0.00	23.46 -1.95 0.00	25.81 -2.26 0.00	28.43 -2.42 0.00	29.58 -1.78 0.00	30.32 -1.87 0.00	22.11 -1.89 0.00	26.40 -2.03 0.00	23.84 -2.09 0.00	28.59 -2.28 0.00	21.92 -1.92 0.00
GELCKHM___115KV_LOAD 80723	23.62 -0.34 0.00	23.64 -0.31 0.00	22.71 -0.32 0.00	23.50 -0.32 0.00	21.62 -0.31 0.00	24.34 -0.40 0.00	25.03 -0.38 0.00	25.31 -0.47 0.00	24.59 -0.45 0.00	24.69 -0.50 0.00	26.98 -0.60 0.00	27.60 -0.63 0.00	36.89 -0.90 0.00	28.97 -0.70 0.00	24.80 -0.61 0.00	27.42 -0.65 0.00	30.17 -0.69 0.00	30.81 -0.55 0.00	31.61 -0.58 0.00	23.47 -0.52 0.00	27.80 -0.63 0.00	25.44 -0.50 0.00	30.35 -0.51 0.00	23.44 -0.41 0.00
GENERAL___MILLS 23808	22.91 -1.05 0.00	23.08 -0.87 0.00	22.18 -0.84 0.00	22.88 -0.93 0.00	21.20 -0.73 0.00	23.88 -0.85 0.00	24.37 -1.04 0.00	24.50 -1.28 0.00	23.89 -1.15 0.00	23.75 -1.44 0.00	25.71 -1.87 0.00	26.27 -1.96 0.00	34.96 -2.83 0.00	27.55 -2.12 0.00	23.42 -1.98 0.00	25.78 -2.29 0.00	28.40 -2.46 0.00	29.53 -1.83 0.00	30.27 -1.91 0.00	22.09 -1.91 0.00	26.36 -2.06 0.00	23.82 -2.12 0.00	28.55 -2.31 0.00	21.90 -1.95 0.00
GE_PLASTICS___DRP 24183	24.36 0.40 0.00	24.39 0.43 0.00	23.42 0.40 0.00	24.26 0.45 0.00	22.34 0.42 0.00	25.25 0.51 0.00	26.19 0.77 0.00	26.61 0.83 0.00	25.77 0.72 0.00	25.90 0.71 0.00	28.35 0.77 0.00	28.97 0.74 0.00	38.69 0.90 0.00	30.35 0.68 0.00	26.07 0.66 0.00	28.85 0.78 0.00	31.66 0.80 0.00	32.38 1.02 0.00	33.14 0.96 0.00	24.68 0.68 0.00	29.23 0.80 0.00	26.60 0.67 0.00	31.56 0.69 0.00	24.42 0.57 0.00
GILBOA___1 23756	24.40 0.44 0.00	24.44 0.49 0.00	23.52 0.50 0.00	24.36 0.55 0.00	22.36 0.43 0.00	25.25 0.52 0.00	26.18 0.77 0.00	26.61 0.83 0.00	25.74 0.70 0.00	25.88 0.68 0.00	28.33 0.74 0.00	28.96 0.72 0.00	38.68 0.89 0.00	30.35 0.68 0.00	26.03 0.63 0.00	28.79 0.72 0.00	31.59 0.73 0.00	32.31 0.95 0.00	33.16 0.98 0.00	24.68 0.69 0.00	29.22 0.79 0.00	26.61 0.67 0.00	31.60 0.74 0.00	24.40 0.55 0.00
GILBOA___2 23757	24.40 0.44 0.00	24.44 0.49 0.00	23.52 0.50 0.00	24.36 0.55 0.00	22.36 0.43 0.00	25.25 0.52 0.00	26.18 0.77 0.00	26.61 0.83 0.00	25.74 0.70 0.00	25.88 0.68 0.00	28.33 0.74 0.00	28.96 0.72 0.00	38.68 0.89 0.00	30.35 0.68 0.00	26.03 0.63 0.00	28.79 0.72 0.00	31.59 0.73 0.00	32.31 0.95 0.00	33.16 0.98 0.00	24.68 0.69 0.00	29.22 0.79 0.00	26.61 0.67 0.00	31.60 0.74 0.00	24.40 0.55 0.00
GILBOA___3 23758	24.40 0.44 0.00	24.44 0.49 0.00	23.52 0.50 0.00	24.36 0.55 0.00	22.36 0.43 0.00	25.25 0.52 0.00	26.18 0.77 0.00	26.61 0.83 0.00	25.74 0.70 0.00	25.88 0.68 0.00	28.33 0.74 0.00	28.96 0.72 0.00	38.68 0.89 0.00	30.35 0.68 0.00	26.03 0.63 0.00	28.79 0.72 0.00	31.59 0.73 0.00	32.31 0.95 0.00	33.16 0.98 0.00	24.68 0.69 0.00	29.22 0.79 0.00	26.61 0.67 0.00	31.60 0.74 0.00	24.40 0.55 0.00
GILBOA___4 23759	24.40 0.44 0.00	24.44 0.49 0.00	23.52 0.50 0.00	24.36 0.55 0.00	22.36 0.43 0.00	25.25 0.52 0.00	26.18 0.77 0.00	26.61 0.83 0.00	25.74 0.70 0.00	25.88 0.68 0.00	28.33 0.74 0.00	28.96 0.72 0.00	38.68 0.89 0.00	30.35 0.68 0.00	26.03 0.63 0.00	28.79 0.72 0.00	31.59 0.73 0.00	32.31 0.95 0.00	33.16 0.98 0.00	24.68 0.69 0.00	29.22 0.79 0.00	26.61 0.67 0.00	31.60 0.74 0.00	24.40 0.55 0.00
GILBOA____ 23599	24.40 0.44 0.00	24.44 0.49 0.00	23.52 0.50 0.00	24.37 0.55 0.00	22.36 0.43 0.00	25.25 0.52 0.00	26.18 0.77 0.00	26.61 0.83 0.00	25.74 0.70 0.00	25.88 0.68 0.00	28.32 0.74 0.00	28.95 0.72 0.00	38.69 0.90 0.00	30.35 0.68 0.00	26.03 0.63 0.00	28.79 0.72 0.00	31.58 0.73 0.00	32.32 0.96 0.00	33.16 0.97 0.00	24.68 0.69 0.00	29.22 0.79 0.00	26.61 0.67 0.00	31.60 0.74 0.00	24.40 0.55 0.00



GINNA____ 23603	22.37 -1.60 0.00	22.43 -1.53 0.00	21.54 -1.49 0.00	22.26 -1.56 0.00	20.55 -1.38 0.00	23.19 -1.54 0.00	23.72 -1.69 0.00	23.96 -1.82 0.00	23.29 -1.75 0.00	23.25 -1.95 0.00	25.27 -2.30 0.00	25.80 -2.43 0.00	34.41 -3.38 0.00	27.12 -2.54 0.00	23.13 -2.28 0.00	25.47 -2.61 0.00	28.05 -2.80 0.00	28.98 -2.38 0.00	29.67 -2.51 0.00	21.81 -2.18 0.00	25.93 -2.49 0.00	23.49 -2.44 0.00	28.03 -2.84 0.00	21.56 -2.29 0.00
GLEN PARK____ 23778	23.83 -0.13 0.00	23.37 -0.59 0.00	22.43 -0.59 0.00	23.57 -0.25 0.00	21.74 -0.19 0.00	24.13 -0.60 0.00	25.01 -0.40 0.00	25.49 -0.28 0.00	25.07 0.03 0.00	25.35 0.16 0.00	27.51 -0.07 0.00	27.81 -0.42 0.00	37.13 -0.66 0.00	29.26 -0.41 0.00	24.85 -0.56 0.00	27.64 -0.43 0.00	31.13 0.28 0.00	31.59 0.23 0.00	32.06 -0.13 0.00	23.42 -0.58 0.00	27.73 -0.70 0.00	25.55 -0.70 -0.32	30.36 -0.64 -0.14	23.07 -0.78 0.00
GLENDALDE_27_KV_LOAD 356172	25.20 1.24 0.00	25.21 1.26 0.00	24.09 1.06 0.00	24.97 1.16 0.00	23.01 1.08 0.00	26.03 1.29 0.00	27.19 1.78 0.00	27.73 1.95 0.00	26.74 1.70 0.00	26.90 1.70 0.00	29.44 1.87 0.00	30.09 1.86 0.00	40.21 2.42 0.00	31.57 1.90 0.00	27.12 1.71 0.00	30.02 1.95 0.00	33.06 2.21 0.00	34.00 2.64 0.00	34.82 2.63 0.00	25.83 1.83 0.00	30.50 2.07 0.00	27.70 1.77 0.00	32.83 1.96 0.00	25.27 1.42 0.00
GLENWOOD_IC_1_G5 23712	25.49 1.53 0.00	41.04 1.59 -15.49	24.42 1.40 0.00	28.50 1.52 -3.17	24.08 1.40 -0.75	26.34 1.60 0.00	27.45 2.04 0.00	27.89 2.11 0.00	26.90 1.86 0.00	27.09 1.90 0.00	30.19 2.17 -0.44	43.67 2.18 -13.26	41.07 2.77 -0.51	44.81 2.21 -12.93	28.40 1.95 -1.04	30.24 2.17 0.00	33.25 2.39 0.00	34.27 2.92 0.00	35.04 2.86 0.00	25.98 1.98 0.00	30.75 2.33 0.00	27.94 2.01 0.00	33.12 2.25 0.00	26.14 1.70 -0.59
GLENWOOD_IC_2_G1 23688	25.43 1.47 0.00	40.99 1.54 -15.49	24.37 1.35 0.00	28.45 1.47 -3.17	24.04 1.36 -0.75	26.28 1.54 0.00	27.39 1.98 0.00	27.80 2.02 0.00	26.84 1.80 0.00	27.03 1.83 0.00	30.12 2.10 -0.44	43.61 2.12 -13.26	40.95 2.65 -0.51	44.73 2.13 -12.93	28.33 1.87 -1.04	30.17 2.10 0.00	33.17 2.32 0.00	34.17 2.81 0.00	34.94 2.76 0.00	25.91 1.91 0.00	30.66 2.24 0.00	27.88 1.95 0.00	33.05 2.18 0.00	26.08 1.64 -0.59
GLENWOOD_IC_3_G1 23689	25.43 1.47 0.00	40.99 1.54 -15.49	24.37 1.35 0.00	28.45 1.47 -3.17	24.04 1.36 -0.75	26.28 1.54 0.00	27.39 1.98 0.00	27.80 2.02 0.00	26.84 1.80 0.00	27.03 1.83 0.00	30.12 2.10 -0.44	43.61 2.12 -13.26	40.95 2.65 -0.51	44.73 2.13 -12.93	28.33 1.87 -1.04	30.17 2.10 0.00	33.17 2.32 0.00	34.17 2.81 0.00	34.94 2.76 0.00	25.91 1.91 0.00	30.66 2.24 0.00	27.88 1.95 0.00	33.05 2.18 0.00	26.08 1.64 -0.59
GLENWOOD____4 23550	25.49 1.53 0.00	41.04 1.59 -15.49	24.42 1.40 0.00	28.50 1.52 -3.17	24.08 1.40 -0.75	26.34 1.60 0.00	27.45 2.04 0.00	27.89 2.11 0.00	26.90 1.86 0.00	27.09 1.90 0.00	30.19 2.17 -0.44	43.67 2.18 -13.26	41.07 2.77 -0.51	44.81 2.21 -12.93	28.40 1.95 -1.04	30.24 2.17 0.00	33.25 2.39 0.00	34.27 2.92 0.00	35.04 2.86 0.00	25.98 1.98 0.00	30.75 2.33 0.00	27.94 2.01 0.00	33.12 2.25 0.00	26.14 1.70 -0.59
GLENWOOD____5 23614	25.49 1.53 0.00	41.04 1.59 -15.49	24.42 1.40 0.00	28.50 1.52 -3.17	24.08 1.40 -0.75	26.34 1.60 0.00	27.45 2.04 0.00	27.89 2.11 0.00	26.90 1.86 0.00	27.09 1.90 0.00	30.19 2.17 -0.44	43.67 2.18 -13.26	41.07 2.77 -0.51	44.81 2.21 -12.93	28.40 1.95 -1.04	30.24 2.17 0.00	33.25 2.39 0.00	34.27 2.92 0.00	35.04 2.86 0.00	25.98 1.98 0.00	30.75 2.33 0.00	27.94 2.01 0.00	33.12 2.25 0.00	26.14 1.70 -0.59
GLOBAL GREEN_PORT_GT1 23814	25.68 1.72 0.00	41.45 2.01 -15.49	24.86 1.83 0.00	29.04 2.06 -3.17	24.57 1.89 -0.75	26.85 2.12 0.00	28.13 2.71 0.00	28.34 2.56 0.00	27.32 2.28 0.00	27.49 2.29 0.00	30.62 2.60 -0.44	44.12 2.62 -13.26	41.54 3.24 -0.51	45.41 2.81 -12.93	28.91 2.46 -1.04	30.79 2.71 0.00	33.88 3.03 0.00	35.08 3.72 0.00	35.76 3.58 0.00	26.45 2.45 0.00	31.29 2.87 0.00	28.39 2.46 0.00	33.64 2.77 0.00	26.60 2.16 -0.59
GLOBE____DSASP 323697	22.13 -1.83 0.00	22.30 -1.66 0.00	21.43 -1.59 0.00	22.12 -1.69 0.00	20.55 -1.38 0.00	23.09 -1.65 0.00	23.41 -2.01 0.00	23.44 -2.34 0.00	22.85 -2.20 0.00	22.72 -2.48 0.00	24.50 -3.08 0.00	24.99 -3.24 0.00	33.23 -4.56 0.00	26.25 -3.42 0.00	22.34 -3.07 0.00	24.51 -3.56 0.00	27.00 -3.85 0.00	28.15 -3.21 0.00	28.81 -3.37 0.00	21.06 -2.94 0.00	25.22 -3.21 0.00	22.83 -3.10 0.00	27.43 -3.43 0.00	21.13 -2.72 0.00
GOETHSLN____LBMP 323567	25.07 1.11 0.00	25.07 1.12 0.00	23.95 0.93 0.00	24.85 1.04 0.00	22.90 0.97 0.00	25.88 1.15 0.00	27.02 1.60 0.00	27.51 1.73 0.00	26.47 1.43 0.00	26.62 1.43 0.00	29.14 1.56 0.00	29.78 1.55 0.00	36.16 1.99 3.62	31.23 1.57 0.00	26.83 1.42 0.00	29.75 1.68 0.00	32.77 1.92 0.00	33.71 2.35 0.00	34.52 2.34 0.00	25.59 1.60 0.00	30.22 1.79 0.00	27.46 1.53 0.00	32.60 1.73 0.00	25.09 1.24 0.00
GOLAH____69_KV_TB 1_2 80279	23.49 -0.47 0.00	23.63 -0.33 0.00	22.68 -0.34 0.00	23.44 -0.38 0.00	21.71 -0.22 0.00	24.44 -0.29 0.00	25.01 -0.41 0.00	25.14 -0.64 0.00	24.46 -0.58 0.00	24.38 -0.82 0.00	26.46 -1.12 0.00	27.01 -1.22 0.00	35.97 -1.82 0.00	28.38 -1.29 0.00	24.15 -1.26 0.00	26.53 -1.54 0.00	29.28 -1.58 0.00	30.41 -0.95 0.00	31.11 -1.08 0.00	22.79 -1.21 0.00	27.15 -1.27 0.00	24.53 -1.40 0.00	29.31 -1.55 0.00	22.53 -1.32 0.00
GOODYEAR_LAKE_HYD 323669	24.53 0.56 0.00	24.51 0.55 0.00	23.55 0.53 0.00	24.45 0.63 0.00	22.51 0.59 0.00	25.35 0.61 0.00	26.22 0.81 0.00	26.67 0.90 0.00	25.87 0.82 0.00	26.03 0.83 0.00	28.50 0.92 0.00	29.13 0.90 0.00	38.99 1.20 0.00	30.58 0.92 0.00	26.13 0.73 0.00	28.78 0.71 0.00	31.72 0.86 0.00	32.46 1.10 0.00	33.41 1.23 0.00	24.79 0.79 0.00	29.30 0.88 0.00	26.71 0.78 0.00	31.78 0.91 0.00	24.43 0.58 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.87 -0.09 0.00	23.90 -0.06 0.00	22.92 -0.11 0.00	23.76 -0.05 0.00	21.82 -0.10 0.00	24.63 -0.10 0.00	25.43 0.02 0.00	25.82 0.04 0.00	24.98 -0.06 0.00	25.05 -0.15 0.00	27.39 -0.19 0.00	28.00 -0.22 0.00	37.50 -0.29 0.00	29.42 -0.24 0.00	25.12 -0.29 0.00	27.77 -0.30 0.00	30.58 -0.28 0.00	31.40 0.05 0.00	32.33 0.14 0.00	23.87 -0.13 0.00	28.26 -0.16 0.00	25.80 -0.13 0.00	30.82 -0.05 0.00	23.65 -0.20 0.00
GOUDEY____7 23579	23.89 -0.07 0.00	23.92 -0.04 0.00	22.93 -0.09 0.00	23.78 -0.04 0.00	21.83 -0.09 0.00	24.65 -0.08 0.00	25.46 0.05 0.00	25.84 0.06 0.00	25.01 -0.04 0.00	25.07 -0.12 0.00	27.42 -0.16 0.00	28.03 -0.20 0.00	37.53 -0.26 0.00	29.45 -0.22 0.00	25.14 -0.26 0.00	27.80 -0.27 0.00	30.61 -0.25 0.00	31.43 0.08 0.00	32.35 0.17 0.00	23.89 -0.11 0.00	28.29 -0.14 0.00	25.82 -0.11 0.00	30.85 -0.02 0.00	23.66 -0.19 0.00



GOUDEY___8 23580	23.87 -0.09 0.00	23.90 -0.06 0.00	22.92 -0.11 0.00	23.76 -0.05 0.00	21.82 -0.10 0.00	24.63 -0.10 0.00	25.43 0.02 0.00	25.82 0.04 0.00	24.98 -0.06 0.00	25.05 -0.15 0.00	27.39 -0.19 0.00	28.00 -0.22 0.00	37.50 -0.29 0.00	29.42 -0.24 0.00	25.12 -0.29 0.00	27.77 -0.30 0.00	30.58 -0.28 0.00	31.40 0.05 0.00	32.33 0.14 0.00	23.87 -0.13 0.00	28.26 -0.16 0.00	25.80 -0.13 0.00	30.82 -0.05 0.00	23.65 -0.20 0.00
GOWANUS_GT1_1 24077	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT1_2 24078	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT1_3 24079	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT1_4 24080	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT1_5 24084	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT1_6 24111	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT1_7 24112	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT1_8 24113	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT2_1 24114	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT2_2 24115	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT2_3 24116	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT2_4 24117	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT2_5 24118	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT2_6 24119	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00



GOWANUS_GT2_7 24120	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT2_8 24121	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT3_1 24122	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT3_2 24123	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT3_3 24124	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT3_4 24125	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT3_5 24126	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT3_6 24127	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT3_7 24128	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT3_8 24129	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT4_1 24130	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT4_2 24131	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT4_3 24132	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT4_4 24133	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT4_5 24134	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00



GOWANUS_GT4_6 24135	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT4_7 24136	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GOWANUS_GT4_8 24137	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GREENBSH_115KV_TB3 55895	24.25 0.29 0.00	24.28 0.33 0.00	23.31 0.29 0.00	24.14 0.33 0.00	22.25 0.32 0.00	25.15 0.41 0.00	26.09 0.68 0.00	26.53 0.75 0.00	25.68 0.64 0.00	25.82 0.62 0.00	28.25 0.67 0.00	28.88 0.65 0.00	38.55 0.76 0.00	30.24 0.57 0.00	25.98 0.58 0.00	28.76 0.69 0.00	31.54 0.68 0.00	32.26 0.90 0.00	33.01 0.82 0.00	24.60 0.60 0.00	29.12 0.70 0.00	26.50 0.57 0.00	31.41 0.55 0.00	24.33 0.48 0.00
GREENDGE_115KV_TB5 80291	23.53 -0.43 0.00	23.61 -0.35 0.00	22.64 -0.39 0.00	23.44 -0.37 0.00	21.69 -0.24 0.00	24.51 -0.23 0.00	25.17 -0.24 0.00	25.51 -0.27 0.00	24.86 -0.18 0.00	24.83 -0.37 0.00	27.02 -0.56 0.00	27.59 -0.64 0.00	36.56 -1.23 0.00	28.92 -0.74 0.00	24.64 -0.76 0.00	27.22 -0.85 0.00	30.02 -0.83 0.00	30.88 -0.48 0.00	31.88 -0.30 0.00	23.43 -0.56 0.00	27.72 -0.70 0.00	25.22 -0.71 0.00	30.12 -0.74 0.00	23.08 -0.76 0.00
GREENIDGE___3 23582	23.53 -0.43 0.00	23.61 -0.35 0.00	22.64 -0.39 0.00	23.44 -0.37 0.00	21.69 -0.24 0.00	24.51 -0.23 0.00	25.17 -0.24 0.00	25.51 -0.27 0.00	24.86 -0.18 0.00	24.83 -0.37 0.00	27.02 -0.56 0.00	27.59 -0.64 0.00	36.56 -1.23 0.00	28.92 -0.74 0.00	24.64 -0.76 0.00	27.22 -0.85 0.00	30.02 -0.83 0.00	30.88 -0.48 0.00	31.88 -0.30 0.00	23.43 -0.56 0.00	27.72 -0.70 0.00	25.22 -0.71 0.00	30.12 -0.74 0.00	23.08 -0.76 0.00
GREENIDGE___4 23583	23.53 -0.43 0.00	23.61 -0.35 0.00	22.64 -0.39 0.00	23.44 -0.38 0.00	21.67 -0.26 0.00	24.51 -0.23 0.00	25.16 -0.25 0.00	25.52 -0.25 0.00	24.86 -0.18 0.00	24.82 -0.37 0.00	26.99 -0.58 0.00	27.56 -0.66 0.00	36.58 -1.22 0.00	28.92 -0.75 0.00	24.64 -0.76 0.00	27.22 -0.85 0.00	30.01 -0.84 0.00	30.89 -0.47 0.00	31.87 -0.31 0.00	23.44 -0.56 0.00	27.74 -0.69 0.00	25.22 -0.71 0.00	30.12 -0.75 0.00	23.09 -0.76 0.00
GREENLWN_69_KV_BK 3 55738	25.28 1.31 0.00	40.83 1.39 -15.49	24.25 1.23 0.00	28.32 1.34 -3.17	23.90 1.22 -0.75	26.06 1.33 0.00	27.11 1.70 0.00	27.48 1.70 0.00	26.52 1.48 0.00	26.68 1.49 0.00	29.82 1.80 -0.44	43.31 1.81 -13.26	40.51 2.21 -0.51	44.43 1.83 -12.93	28.10 1.65 -1.04	29.87 1.80 0.00	32.75 1.90 0.00	33.76 2.40 0.00	34.49 2.31 0.00	25.62 1.62 0.00	30.31 1.88 0.00	27.58 1.64 0.00	32.70 1.83 0.00	25.86 1.42 -0.59
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
GRISSOM___SOLAR 323813	25.39 1.43 0.00	25.44 1.48 0.00	24.42 1.40 0.00	25.40 1.59 0.00	23.36 1.43 0.00	26.46 1.72 0.00	27.53 2.12 0.00	28.00 2.22 0.00	27.25 2.21 0.00	27.19 1.99 0.00	29.55 1.97 0.00	30.25 2.03 0.00	40.72 2.93 0.00	31.91 2.24 0.00	27.28 1.88 0.00	30.28 2.21 0.00	33.18 2.33 0.00	33.45 2.09 0.00	34.85 2.67 0.00	25.92 1.93 0.00	30.65 2.23 0.00	27.95 2.01 0.00	33.01 2.15 0.00	25.41 1.56 0.00
GROVEVILLE___HYD 323602	25.20 1.23 0.00	25.21 1.26 0.00	24.13 1.10 0.00	25.02 1.21 0.00	23.04 1.11 0.00	26.06 1.32 0.00	27.15 1.74 0.00	27.65 1.87 0.00	26.70 1.65 0.00	26.85 1.65 0.00	29.40 1.82 0.00	30.04 1.81 0.00	40.10 2.31 0.00	31.40 1.73 0.00	26.96 1.55 0.00	29.88 1.81 0.00	32.91 2.06 0.00	33.83 2.48 0.00	34.65 2.47 0.00	25.70 1.70 0.00	30.39 1.97 0.00	27.63 1.69 0.00	32.75 1.88 0.00	25.23 1.38 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.76 -0.20 0.00	23.80 -0.15 0.00	22.87 -0.16 0.00	23.64 -0.17 0.00	21.74 -0.18 0.00	24.50 -0.24 0.00	25.20 -0.21 0.00	25.48 -0.29 0.00	24.77 -0.28 0.00	24.85 -0.34 0.00	27.15 -0.43 0.00	27.78 -0.45 0.00	37.13 -0.66 0.00	29.16 -0.50 0.00	24.95 -0.45 0.00	27.59 -0.48 0.00	30.36 -0.49 0.00	31.00 -0.36 0.00	31.82 -0.36 0.00	23.63 -0.36 0.00	27.98 -0.44 0.00	25.59 -0.34 0.00	30.53 -0.33 0.00	23.56 -0.28 0.00
HAMLTNNY_34_KV_TB 80303	23.76 -0.20 0.00	23.80 -0.16 0.00	22.85 -0.17 0.00	23.64 -0.17 0.00	21.76 -0.17 0.00	24.51 -0.22 0.00	25.22 -0.19 0.00	25.54 -0.24 0.00	24.80 -0.24 0.00	24.88 -0.32 0.00	27.17 -0.41 0.00	27.78 -0.45 0.00	37.10 -0.69 0.00	29.14 -0.52 0.00	24.93 -0.48 0.00	27.56 -0.51 0.00	30.37 -0.48 0.00	31.07 -0.29 0.00	31.87 -0.32 0.00	23.65 -0.35 0.00	27.98 -0.44 0.00	25.57 -0.36 0.00	30.50 -0.37 0.00	23.53 -0.32 0.00
HAMPSHIRE___PAPER_HYD 323593	23.83 -0.13 0.00	23.56 -0.39 0.00	22.67 -0.36 0.00	23.55 -0.26 0.00	21.71 -0.22 0.00	24.36 -0.37 0.00	25.01 -0.41 0.00	25.44 -0.33 0.00	24.93 -0.12 0.00	25.24 0.05 0.00	27.60 0.02 0.00	28.17 -0.06 0.00	37.80 0.01 0.00	29.66 0.00 0.00	25.20 -0.20 0.00	27.81 -0.26 0.00	30.88 0.03 0.00	31.22 -0.14 0.00	31.81 -0.37 0.00	23.56 -0.43 0.00	27.92 -0.51 0.00	26.47 -0.49 -1.03	30.85 -0.47 -0.46	23.36 -0.49 0.00
HARDSCRABBLE_WT_PWR 323673	23.89 -0.07 0.00	23.88 -0.08 0.00	22.93 -0.10 0.00	23.99 0.18 0.00	22.10 0.17 0.00	25.04 0.30 0.00	26.16 0.74 0.00	26.82 1.05 0.00	25.99 0.95 0.00	26.08 0.88 0.00	28.47 0.89 0.00	29.11 0.88 0.00	38.90 1.11 0.00	30.46 0.80 0.00	25.97 0.56 0.00	28.47 0.40 0.00	31.25 0.40 0.00	31.82 0.46 0.00	32.94 0.76 0.00	24.55 0.55 0.00	28.87 0.45 0.00	26.51 0.58 0.00	31.49 0.62 0.00	24.23 0.38 0.00



HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.99 1.02 0.00	25.00 1.04 0.00	23.91 0.89 0.00	24.80 0.99 0.00	22.83 0.90 0.00	25.81 1.07 0.00	26.87 1.46 0.00	27.32 1.54 0.00	26.37 1.33 0.00	26.51 1.32 0.00	29.04 1.46 0.00	29.68 1.45 0.00	39.63 1.84 0.00	31.06 1.40 0.00	26.68 1.27 0.00	29.57 1.50 0.00	32.56 1.71 0.00	33.45 2.09 0.00	34.31 2.13 0.00	25.45 1.45 0.00	30.09 1.67 0.00	27.40 1.47 0.00	32.49 1.63 0.00	25.02 1.17 0.00
HARSNRAD_115KV_TB1 81005	22.67 -1.29 0.00	22.85 -1.11 0.00	21.95 -1.07 0.00	22.65 -1.17 0.00	21.02 -0.91 0.00	23.64 -1.09 0.00	24.04 -1.37 0.00	24.13 -1.65 0.00	23.53 -1.52 0.00	23.40 -1.80 0.00	25.26 -2.32 0.00	25.78 -2.45 0.00	34.29 -3.50 0.00	27.07 -2.60 0.00	23.01 -2.39 0.00	25.26 -2.82 0.00	27.83 -3.02 0.00	28.96 -2.40 0.00	29.62 -2.56 0.00	21.63 -2.37 0.00	25.87 -2.56 0.00	23.33 -2.61 0.00	27.96 -2.91 0.00	21.52 -2.33 0.00
HARZA MOOSE__RIVER 24016	24.00 0.04 0.00	23.75 -0.20 0.00	22.82 -0.20 0.00	23.79 -0.03 0.00	21.92 -0.01 0.00	24.61 -0.13 0.00	25.44 0.03 0.00	25.83 0.06 0.00	25.26 0.22 0.00	25.52 0.32 0.00	27.80 0.22 0.00	28.34 0.11 0.00	37.94 0.15 0.00	29.78 0.12 0.00	25.36 -0.04 0.00	28.14 0.07 0.00	31.30 0.44 0.00	31.75 0.39 0.00	32.39 0.20 0.00	23.86 -0.14 0.00	28.27 -0.16 0.00	26.08 -0.15 -0.31	30.89 -0.11 -0.14	23.59 -0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.62 -0.34 0.00	23.64 -0.31 0.00	22.71 -0.32 0.00	23.50 -0.31 0.00	21.62 -0.31 0.00	24.35 -0.39 0.00	25.04 -0.37 0.00	25.34 -0.44 0.00	24.61 -0.43 0.00	24.70 -0.49 0.00	27.00 -0.58 0.00	27.63 -0.60 0.00	36.93 -0.86 0.00	29.00 -0.66 0.00	24.82 -0.59 0.00	27.45 -0.63 0.00	30.18 -0.67 0.00	30.85 -0.51 0.00	31.65 -0.53 0.00	23.48 -0.51 0.00	27.82 -0.60 0.00	25.45 -0.48 0.00	30.37 -0.49 0.00	23.45 -0.40 0.00
HELLGATE_13_KV_LD 55870	25.10 1.14 0.00	25.11 1.16 0.00	24.00 0.97 0.00	24.88 1.06 0.00	22.92 0.99 0.00	25.93 1.19 0.00	27.08 1.66 0.00	27.61 1.83 0.00	26.62 1.58 0.00	26.77 1.58 0.00	29.30 1.73 0.00	29.95 1.72 0.00	40.02 2.23 0.00	31.42 1.75 0.00	26.99 1.58 0.00	29.88 1.81 0.00	32.91 2.06 0.00	33.83 2.47 0.00	34.65 2.47 0.00	25.70 1.70 0.00	30.35 1.93 0.00	27.58 1.65 0.00	32.69 1.82 0.00	25.17 1.32 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.10 1.14 0.00	25.11 1.16 0.00	24.00 0.97 0.00	24.88 1.06 0.00	22.92 0.99 0.00	25.93 1.19 0.00	27.08 1.66 0.00	27.61 1.83 0.00	26.62 1.58 0.00	26.77 1.58 0.00	29.30 1.73 0.00	29.95 1.72 0.00	40.02 2.23 0.00	31.42 1.75 0.00	26.99 1.58 0.00	29.88 1.81 0.00	32.91 2.06 0.00	33.83 2.47 0.00	34.65 2.47 0.00	25.70 1.70 0.00	30.35 1.93 0.00	27.58 1.65 0.00	32.69 1.82 0.00	25.17 1.32 0.00
HEMPSTEAD____ 23647	25.37 1.41 0.00	40.92 1.48 -15.49	24.32 1.30 0.00	28.39 1.41 -3.17	23.99 1.31 -0.75	26.22 1.48 0.00	27.33 1.91 0.00	27.72 1.95 0.00	26.77 1.73 0.00	26.96 1.77 0.00	30.08 2.06 -0.44	43.55 2.06 -13.26	40.84 2.54 -0.51	44.66 2.06 -12.93	28.27 1.82 -1.04	30.09 2.02 0.00	33.08 2.23 0.00	34.10 2.75 0.00	34.85 2.67 0.00	25.84 1.85 0.00	30.60 2.18 0.00	27.83 1.90 0.00	32.98 2.11 0.00	26.03 1.59 -0.59
HEWLETT__69_KV_BK3 55828	25.60 1.64 0.00	41.17 1.72 -15.49	24.53 1.51 0.00	28.60 1.61 -3.17	24.17 1.49 -0.75	26.44 1.71 0.00	27.54 2.13 0.00	27.94 2.17 0.00	27.01 1.97 0.00	27.16 1.96 0.00	30.26 2.24 -0.44	43.75 2.26 -13.26	41.17 2.88 -0.51	44.89 2.29 -12.93	28.45 2.00 -1.04	30.30 2.23 0.00	33.23 2.38 0.00	34.24 2.88 0.00	35.07 2.88 0.00	26.03 2.03 0.00	30.86 2.43 0.00	28.06 2.13 0.00	33.27 2.41 0.00	26.24 1.80 -0.59
HICKLING____1 23621	23.42 -0.54 0.00	23.50 -0.45 0.00	22.50 -0.53 0.00	23.32 -0.49 0.00	21.42 -0.51 0.00	24.22 -0.51 0.00	25.03 -0.38 0.00	25.44 -0.34 0.00	24.77 -0.28 0.00	24.76 -0.44 0.00	27.00 -0.58 0.00	27.57 -0.66 0.00	36.70 -1.09 0.00	28.82 -0.85 0.00	24.49 -0.91 0.00	27.11 -0.96 0.00	29.91 -0.94 0.00	30.93 -0.43 0.00	31.92 -0.27 0.00	23.37 -0.62 0.00	27.64 -0.78 0.00	25.18 -0.75 0.00	30.13 -0.74 0.00	23.01 -0.84 0.00
HICKLING____2 23622	23.42 -0.54 0.00	23.50 -0.45 0.00	22.50 -0.53 0.00	23.32 -0.49 0.00	21.42 -0.51 0.00	24.22 -0.51 0.00	25.03 -0.38 0.00	25.44 -0.34 0.00	24.77 -0.28 0.00	24.76 -0.44 0.00	27.00 -0.58 0.00	27.57 -0.66 0.00	36.70 -1.09 0.00	28.82 -0.85 0.00	24.49 -0.91 0.00	27.11 -0.96 0.00	29.91 -0.94 0.00	30.93 -0.43 0.00	31.92 -0.27 0.00	23.37 -0.62 0.00	27.64 -0.78 0.00	25.18 -0.75 0.00	30.13 -0.74 0.00	23.01 -0.84 0.00
HIGH FALLS____HY 23754	25.21 1.25 0.00	25.22 1.26 0.00	24.13 1.11 0.00	25.02 1.21 0.00	23.05 1.12 0.00	26.05 1.31 0.00	27.13 1.71 0.00	27.61 1.83 0.00	26.67 1.63 0.00	26.79 1.59 0.00	29.33 1.75 0.00	29.97 1.74 0.00	39.91 2.12 0.00	31.15 1.48 0.00	26.71 1.30 0.00	29.66 1.59 0.00	32.73 1.88 0.00	33.69 2.33 0.00	34.62 2.44 0.00	25.69 1.69 0.00	30.34 1.92 0.00	27.59 1.66 0.00	32.72 1.85 0.00	25.19 1.34 0.00
HILLBURN____GT 23639	24.96 1.00 0.00	24.97 1.02 0.00	23.89 0.86 0.00	24.78 0.96 0.00	22.82 0.89 0.00	25.78 1.04 0.00	26.84 1.43 0.00	27.28 1.50 0.00	26.30 1.25 0.00	26.43 1.23 0.00	28.93 1.35 0.00	29.59 1.36 0.00	39.54 1.75 0.00	31.03 1.36 0.00	26.65 1.24 0.00	29.52 1.45 0.00	32.47 1.62 0.00	33.35 1.99 0.00	34.24 2.06 0.00	25.40 1.40 0.00	30.05 1.63 0.00	27.37 1.44 0.00	32.48 1.61 0.00	25.00 1.16 0.00
HILLSIDE_115KV_TB1 80332	23.38 -0.58 0.00	23.42 -0.53 0.00	22.41 -0.61 0.00	23.28 -0.54 0.00	21.35 -0.58 0.00	24.13 -0.61 0.00	24.93 -0.48 0.00	25.33 -0.45 0.00	24.63 -0.41 0.00	24.64 -0.55 0.00	26.94 -0.64 0.00	27.53 -0.70 0.00	36.65 -1.14 0.00	28.79 -0.88 0.00	24.48 -0.93 0.00	27.10 -0.98 0.00	29.84 -1.02 0.00	30.74 -0.62 0.00	31.77 -0.42 0.00	23.32 -0.68 0.00	27.59 -0.84 0.00	25.19 -0.75 0.00	30.17 -0.69 0.00	23.02 -0.83 0.00
HISHELDN_WT_PWR 323625	22.38 -1.58 0.00	22.68 -1.27 0.00	21.77 -1.25 0.00	22.36 -1.46 0.00	20.64 -1.29 0.00	23.34 -1.40 0.00	23.86 -1.55 0.00	24.03 -1.75 0.00	23.49 -1.56 0.00	23.32 -1.88 0.00	25.27 -2.31 0.00	25.94 -2.29 0.00	34.46 -3.34 0.00	27.08 -2.58 0.00	23.00 -2.41 0.00	25.35 -2.73 0.00	27.98 -2.87 0.00	29.14 -2.21 0.00	29.89 -2.29 0.00	21.77 -2.22 0.00	25.92 -2.50 0.00	23.44 -2.49 0.00	28.07 -2.80 0.00	21.56 -2.28 0.00
HOLTSVILLE_IC_1 23690	25.26 1.30 0.00	40.92 1.48 -15.49	24.33 1.30 0.00	28.44 1.45 -3.17	24.01 1.33 -0.75	26.21 1.47 0.00	27.36 1.95 0.00	27.64 1.86 0.00	26.68 1.63 0.00	26.83 1.64 0.00	29.96 1.94 -0.44	43.43 1.94 -13.26	40.64 2.34 -0.51	44.65 2.05 -12.93	28.24 1.79 -1.04	30.05 1.98 0.00	32.98 2.13 0.00	34.04 2.69 0.00	34.77 2.59 0.00	25.78 1.78 0.00	30.50 2.08 0.00	27.74 1.81 0.00	32.89 2.02 0.00	26.04 1.60 -0.59



HOLTSVILLE_IC_10 23699	25.32 1.36 0.00	41.00 1.55 -15.49	24.41 1.38 0.00	28.52 1.54 -3.17	24.08 1.41 -0.75	26.30 1.56 0.00	27.47 2.05 0.00	27.75 1.97 0.00	26.78 1.74 0.00	26.94 1.74 0.00	30.07 2.05 -0.44	43.54 2.05 -13.26	40.79 2.49 -0.51	44.77 2.17 -12.93	28.35 1.90 -1.04	30.17 2.10 0.00	33.14 2.28 0.00	34.24 2.88 0.00	34.94 2.76 0.00	25.89 1.89 0.00	30.63 2.20 0.00	27.85 1.92 0.00	33.01 2.14 0.00	26.12 1.68 -0.59
HOLTSVILLE_IC_2 23691	25.26 1.30 0.00	40.92 1.48 -15.49	24.33 1.30 0.00	28.44 1.45 -3.17	24.01 1.33 -0.75	26.21 1.47 0.00	27.36 1.95 0.00	27.64 1.86 0.00	26.68 1.63 0.00	26.83 1.64 0.00	29.96 1.94 -0.44	43.43 1.94 -13.26	40.64 2.34 -0.51	44.65 2.05 -12.93	28.24 1.79 -1.04	30.05 1.98 0.00	32.98 2.13 0.00	34.04 2.69 0.00	34.77 2.59 0.00	25.78 1.78 0.00	30.50 2.08 0.00	27.74 1.81 0.00	32.89 2.02 0.00	26.04 1.60 -0.59
HOLTSVILLE_IC_3 23692	25.26 1.30 0.00	40.92 1.48 -15.49	24.33 1.30 0.00	28.44 1.45 -3.17	24.01 1.33 -0.75	26.21 1.47 0.00	27.36 1.95 0.00	27.64 1.86 0.00	26.68 1.63 0.00	26.83 1.64 0.00	29.96 1.94 -0.44	43.43 1.94 -13.26	40.64 2.34 -0.51	44.65 2.05 -12.93	28.24 1.79 -1.04	30.05 1.98 0.00	32.98 2.13 0.00	34.04 2.69 0.00	34.77 2.59 0.00	25.78 1.78 0.00	30.50 2.08 0.00	27.74 1.81 0.00	32.89 2.02 0.00	26.04 1.60 -0.59
HOLTSVILLE_IC_4 23693	25.26 1.30 0.00	40.92 1.48 -15.49	24.33 1.30 0.00	28.44 1.45 -3.17	24.01 1.33 -0.75	26.21 1.47 0.00	27.36 1.95 0.00	27.64 1.86 0.00	26.68 1.63 0.00	26.83 1.64 0.00	29.96 1.94 -0.44	43.43 1.94 -13.26	40.64 2.34 -0.51	44.65 2.05 -12.93	28.24 1.79 -1.04	30.05 1.98 0.00	32.98 2.13 0.00	34.04 2.69 0.00	34.77 2.59 0.00	25.78 1.78 0.00	30.50 2.08 0.00	27.74 1.81 0.00	32.89 2.02 0.00	26.04 1.60 -0.59
HOLTSVILLE_IC_5 23694	25.26 1.30 0.00	40.92 1.48 -15.49	24.33 1.30 0.00	28.44 1.45 -3.17	24.01 1.33 -0.75	26.21 1.47 0.00	27.36 1.95 0.00	27.64 1.86 0.00	26.68 1.63 0.00	26.83 1.64 0.00	29.96 1.94 -0.44	43.43 1.94 -13.26	40.64 2.34 -0.51	44.65 2.05 -12.93	28.24 1.79 -1.04	30.05 1.98 0.00	32.98 2.13 0.00	34.04 2.69 0.00	34.77 2.59 0.00	25.78 1.78 0.00	30.50 2.08 0.00	27.74 1.81 0.00	32.89 2.02 0.00	26.04 1.60 -0.59
HOLTSVILLE_IC_6 23695	25.32 1.36 0.00	41.00 1.55 -15.49	24.41 1.38 0.00	28.52 1.54 -3.17	24.08 1.41 -0.75	26.30 1.56 0.00	27.47 2.05 0.00	27.75 1.97 0.00	26.78 1.74 0.00	26.94 1.74 0.00	30.07 2.05 -0.44	43.54 2.05 -13.26	40.79 2.49 -0.51	44.77 2.17 -12.93	28.35 1.90 -1.04	30.17 2.10 0.00	33.14 2.28 0.00	34.24 2.88 0.00	34.94 2.76 0.00	25.89 1.89 0.00	30.63 2.20 0.00	27.85 1.92 0.00	33.01 2.14 0.00	26.12 1.68 -0.59
HOLTSVILLE_IC_7 23696	25.32 1.36 0.00	41.00 1.55 -15.49	24.41 1.38 0.00	28.52 1.54 -3.17	24.08 1.41 -0.75	26.30 1.56 0.00	27.47 2.05 0.00	27.75 1.97 0.00	26.78 1.74 0.00	26.94 1.74 0.00	30.07 2.05 -0.44	43.54 2.05 -13.26	40.79 2.49 -0.51	44.77 2.17 -12.93	28.35 1.90 -1.04	30.17 2.10 0.00	33.14 2.28 0.00	34.24 2.88 0.00	34.94 2.76 0.00	25.89 1.89 0.00	30.63 2.20 0.00	27.85 1.92 0.00	33.01 2.14 0.00	26.12 1.68 -0.59
HOLTSVILLE_IC_8 23697	25.32 1.36 0.00	41.00 1.55 -15.49	24.41 1.38 0.00	28.52 1.54 -3.17	24.08 1.41 -0.75	26.30 1.56 0.00	27.47 2.05 0.00	27.75 1.97 0.00	26.78 1.74 0.00	26.94 1.74 0.00	30.07 2.05 -0.44	43.54 2.05 -13.26	40.79 2.49 -0.51	44.77 2.17 -12.93	28.35 1.90 -1.04	30.17 2.10 0.00	33.14 2.28 0.00	34.24 2.88 0.00	34.94 2.76 0.00	25.89 1.89 0.00	30.63 2.20 0.00	27.85 1.92 0.00	33.01 2.14 0.00	26.12 1.68 -0.59
HOLTSVILLE_IC_9 23698	25.32 1.36 0.00	41.00 1.55 -15.49	24.41 1.38 0.00	28.52 1.54 -3.17	24.08 1.41 -0.75	26.30 1.56 0.00	27.47 2.05 0.00	27.75 1.97 0.00	26.78 1.74 0.00	26.94 1.74 0.00	30.07 2.05 -0.44	43.54 2.05 -13.26	40.79 2.49 -0.51	44.77 2.17 -12.93	28.35 1.90 -1.04	30.17 2.10 0.00	33.14 2.28 0.00	34.24 2.88 0.00	34.94 2.76 0.00	25.89 1.89 0.00	30.63 2.20 0.00	27.85 1.92 0.00	33.01 2.14 0.00	26.12 1.68 -0.59
HOMER_HL_115KV_TB2 355744	23.81 -0.15 0.00	23.93 -0.02 0.00	22.96 -0.06 0.00	23.75 -0.07 0.00	21.91 -0.02 0.00	24.64 -0.10 0.00	25.31 -0.10 0.00	25.57 -0.21 0.00	24.79 -0.25 0.00	24.68 -0.51 0.00	26.89 -0.69 0.00	27.51 -0.72 0.00	36.66 -1.13 0.00	28.92 -0.75 0.00	24.56 -0.85 0.00	27.07 -1.00 0.00	29.75 -1.10 0.00	30.92 -0.44 0.00	31.84 -0.34 0.00	23.27 -0.73 0.00	27.72 -0.70 0.00	25.17 -0.76 0.00	30.25 -0.61 0.00	23.10 -0.75 0.00
HOWARD_WT_PWR 323690	21.77 -2.19 0.00	21.92 -2.04 0.00	21.01 -2.02 0.00	21.82 -2.00 0.00	20.00 -1.93 0.00	22.67 -2.07 0.00	23.42 -1.99 0.00	23.88 -1.89 0.00	23.44 -1.60 0.00	23.48 -1.72 0.00	25.37 -2.21 0.00	25.86 -2.37 0.00	34.22 -3.58 0.00	26.79 -2.88 0.00	22.68 -2.73 0.00	25.09 -2.98 0.00	27.68 -3.18 0.00	28.91 -2.44 0.00	30.20 -1.99 0.00	21.84 -2.16 0.00	25.63 -2.79 0.00	23.18 -2.75 0.00	27.68 -3.19 0.00	21.14 -2.71 0.00
HQ_GEN_CEDARS 23644	24.21 0.25 0.00	24.13 0.17 0.00	23.25 0.23 0.00	23.97 0.16 0.00	22.10 0.17 0.00	24.95 0.21 0.00	25.42 0.00 0.00	25.79 0.01 0.00	25.20 0.16 0.00	25.43 0.24 0.00	27.93 0.35 0.00	28.66 0.43 0.00	38.52 0.73 0.00	30.25 0.58 0.00	25.82 0.41 0.00	28.42 0.35 0.00	31.21 0.36 0.00	31.40 0.04 0.00	32.22 0.04 0.00	24.17 0.17 0.00	28.64 0.22 0.00	26.50 0.14 -0.43	31.22 0.16 -0.19	23.98 0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	24.21 0.25 0.00	24.13 0.17 0.00	23.25 0.23 0.00	23.97 0.16 0.00	22.10 0.17 0.00	24.95 0.21 0.00	25.42 0.00 0.00	25.79 0.02 0.00	25.20 0.16 0.00	25.43 0.24 0.00	27.93 0.35 0.00	28.66 0.43 0.00	38.52 0.73 0.00	30.25 0.58 0.00	25.82 0.41 0.00	28.42 0.35 0.00	31.21 0.36 0.00	31.40 0.04 0.00	32.22 0.04 0.00	24.17 0.18 0.00	28.64 0.22 0.00	26.50 0.14 -0.43	34.86 0.16 -3.83	23.98 0.13 0.00
HQ_GEN_IMPORT 323601	24.04 0.07 0.00	24.00 0.05 0.00	23.10 0.08 0.00	23.85 0.03 0.00	21.97 0.04 0.00	24.79 0.05 0.00	25.31 -0.11 0.00	25.69 -0.09 0.00	25.04 0.00 0.00	25.24 0.04 0.00	27.66 0.08 0.00	28.36 0.13 0.00	38.06 0.27 0.00	29.87 0.21 0.00	25.57 0.16 0.00	28.21 0.14 0.00	30.98 0.12 0.00	31.25 -0.11 0.00	32.12 -0.06 0.00	24.06 0.06 0.00	28.51 0.09 0.00	25.97 0.03 0.00	30.89 0.02 0.00	23.88 0.03 0.00
HQ_GEN_WHEEL 23651	24.04 0.07 0.00	24.00 0.05 0.00	23.10 0.08 0.00	23.85 0.03 0.00	21.97 0.04 0.00	24.79 0.05 0.00	25.31 -0.11 0.00	25.69 -0.09 0.00	25.04 0.00 0.00	25.24 0.04 0.00	27.66 0.08 0.00	28.36 0.13 0.00	38.06 0.27 0.00	29.87 0.21 0.00	25.57 0.16 0.00	28.21 0.14 0.00	30.98 0.12 0.00	31.25 -0.11 0.00	32.12 -0.06 0.00	24.06 0.06 0.00	28.51 0.09 0.00	25.97 0.03 0.00	30.89 0.02 0.00	23.88 0.03 0.00



HUDSON AVE_GT_3 23810	25.18 1.22 0.00	25.18 1.23 0.00	24.07 1.05 0.00	24.96 1.14 0.00	23.00 1.07 0.00	26.00 1.26 0.00	27.14 1.73 0.00	27.66 1.88 0.00	26.66 1.61 0.00	26.82 1.62 0.00	29.36 1.78 0.00	30.01 1.78 0.00	40.09 2.30 0.00	31.46 1.79 0.00	27.02 1.61 0.00	29.93 1.86 0.00	32.96 2.10 0.00	33.89 2.54 0.00	34.72 2.54 0.00	25.74 1.75 0.00	30.41 1.98 0.00	27.63 1.69 0.00	32.76 1.89 0.00	25.21 1.37 0.00
HUDSON AVE_GT_4 23540	25.18 1.22 0.00	25.18 1.23 0.00	24.07 1.05 0.00	24.96 1.14 0.00	23.00 1.07 0.00	26.00 1.26 0.00	27.14 1.73 0.00	27.66 1.88 0.00	26.66 1.61 0.00	26.82 1.62 0.00	29.36 1.78 0.00	30.01 1.78 0.00	40.09 2.30 0.00	31.46 1.79 0.00	27.02 1.61 0.00	29.93 1.86 0.00	32.96 2.10 0.00	33.89 2.54 0.00	34.72 2.54 0.00	25.74 1.75 0.00	30.41 1.98 0.00	27.63 1.69 0.00	32.76 1.89 0.00	25.21 1.37 0.00
HUDSON AVE_GT_5 23657	25.18 1.22 0.00	25.18 1.23 0.00	24.07 1.05 0.00	24.96 1.14 0.00	23.00 1.07 0.00	26.00 1.26 0.00	27.14 1.73 0.00	27.66 1.88 0.00	26.66 1.61 0.00	26.82 1.62 0.00	29.36 1.78 0.00	30.01 1.78 0.00	40.09 2.30 0.00	31.46 1.79 0.00	27.02 1.61 0.00	29.93 1.86 0.00	32.96 2.10 0.00	33.89 2.54 0.00	34.72 2.54 0.00	25.74 1.75 0.00	30.41 1.98 0.00	27.63 1.69 0.00	32.76 1.89 0.00	25.21 1.37 0.00
HUDSON_AVE_10 24168	25.09 1.13 0.00	25.08 1.13 0.00	23.97 0.95 0.00	24.86 1.05 0.00	22.91 0.98 0.00	25.90 1.17 0.00	27.06 1.65 0.00	27.60 1.82 0.00	26.58 1.54 0.00	26.75 1.56 0.00	29.29 1.71 0.00	29.93 1.70 0.00	39.98 2.19 0.00	31.37 1.70 0.00	26.95 1.54 0.00	29.85 1.77 0.00	32.84 1.99 0.00	33.79 2.43 0.00	34.61 2.42 0.00	25.67 1.67 0.00	30.32 1.90 0.00	27.54 1.61 0.00	32.65 1.78 0.00	25.13 1.28 0.00
HUDSON___115KV_TB 4 355613	24.93 0.97 0.00	24.98 1.02 0.00	23.97 0.95 0.00	24.83 1.01 0.00	22.89 0.96 0.00	25.95 1.21 0.00	26.99 1.58 0.00	27.48 1.70 0.00	26.66 1.62 0.00	26.76 1.56 0.00	29.23 1.66 0.00	29.80 1.57 0.00	39.65 1.86 0.00	30.93 1.26 0.00	26.67 1.26 0.00	29.59 1.52 0.00	32.55 1.69 0.00	33.41 2.05 0.00	34.19 2.01 0.00	25.44 1.44 0.00	30.10 1.68 0.00	27.34 1.41 0.00	32.37 1.50 0.00	25.03 1.18 0.00
HUNTER MOUNT___DRP 323613	25.07 1.11 0.00	25.11 1.15 0.00	24.11 1.09 0.00	24.96 1.15 0.00	23.02 1.09 0.00	26.12 1.39 0.00	27.18 1.77 0.00	27.70 1.93 0.00	26.89 1.85 0.00	27.00 1.80 0.00	29.47 1.90 0.00	30.03 1.80 0.00	39.87 2.08 0.00	31.11 1.45 0.00	26.84 1.44 0.00	29.81 1.74 0.00	32.79 1.93 0.00	33.66 2.30 0.00	34.42 2.24 0.00	25.62 1.62 0.00	30.30 1.88 0.00	27.50 1.57 0.00	32.55 1.69 0.00	25.17 1.32 0.00
HUNTINGTON_RES_REC 323705	25.30 1.34 0.00	40.90 1.46 -15.49	24.31 1.29 0.00	28.39 1.41 -3.17	23.94 1.26 -0.75	26.11 1.38 0.00	27.20 1.79 0.00	27.55 1.77 0.00	26.59 1.54 0.00	26.78 1.59 0.00	29.95 1.93 -0.44	43.41 1.91 -13.26	40.56 2.26 -0.51	44.53 1.93 -12.93	28.16 1.70 -1.04	29.95 1.88 0.00	32.91 2.05 0.00	33.99 2.63 0.00	34.67 2.49 0.00	25.71 1.71 0.00	30.40 1.98 0.00	27.66 1.73 0.00	32.78 1.92 0.00	25.93 1.49 -0.59
HUNTLEY___63 23557	22.80 -1.16 0.00	22.97 -0.98 0.00	22.07 -0.95 0.00	22.77 -1.04 0.00	21.14 -0.79 0.00	23.79 -0.95 0.00	24.21 -1.21 0.00	24.30 -1.49 0.00	23.70 -1.35 0.00	23.56 -1.64 0.00	25.45 -2.13 0.00	25.97 -2.26 0.00	34.55 -3.24 0.00	27.27 -2.40 0.00	23.19 -2.22 0.00	25.45 -2.62 0.00	28.04 -2.81 0.00	29.19 -2.17 0.00	29.89 -2.29 0.00	21.83 -2.17 0.00	26.09 -2.33 0.00	23.58 -2.35 0.00	28.27 -2.59 0.00	21.73 -2.12 0.00
HUNTLEY___64 23558	22.80 -1.16 0.00	22.97 -0.98 0.00	22.07 -0.95 0.00	22.77 -1.04 0.00	21.14 -0.79 0.00	23.79 -0.95 0.00	24.21 -1.21 0.00	24.30 -1.49 0.00	23.70 -1.35 0.00	23.56 -1.64 0.00	25.45 -2.13 0.00	25.97 -2.26 0.00	34.55 -3.24 0.00	27.27 -2.40 0.00	23.19 -2.22 0.00	25.45 -2.62 0.00	28.04 -2.81 0.00	29.19 -2.17 0.00	29.89 -2.29 0.00	21.83 -2.17 0.00	26.09 -2.33 0.00	23.58 -2.35 0.00	28.27 -2.59 0.00	21.73 -2.12 0.00
HUNTLEY___65 23559	22.80 -1.16 0.00	22.97 -0.98 0.00	22.07 -0.95 0.00	22.77 -1.04 0.00	21.14 -0.79 0.00	23.79 -0.95 0.00	24.21 -1.21 0.00	24.30 -1.49 0.00	23.70 -1.35 0.00	23.56 -1.64 0.00	25.45 -2.13 0.00	25.97 -2.26 0.00	34.55 -3.24 0.00	27.27 -2.40 0.00	23.19 -2.22 0.00	25.45 -2.62 0.00	28.04 -2.81 0.00	29.19 -2.17 0.00	29.89 -2.29 0.00	21.83 -2.17 0.00	26.09 -2.33 0.00	23.58 -2.35 0.00	28.27 -2.59 0.00	21.73 -2.12 0.00
HUNTLEY___66 23560	22.80 -1.16 0.00	22.97 -0.98 0.00	22.07 -0.95 0.00	22.77 -1.04 0.00	21.14 -0.79 0.00	23.79 -0.95 0.00	24.21 -1.21 0.00	24.30 -1.49 0.00	23.70 -1.35 0.00	23.56 -1.64 0.00	25.45 -2.13 0.00	25.97 -2.26 0.00	34.55 -3.24 0.00	27.27 -2.40 0.00	23.19 -2.22 0.00	25.45 -2.62 0.00	28.04 -2.81 0.00	29.19 -2.17 0.00	29.89 -2.29 0.00	21.83 -2.17 0.00	26.09 -2.33 0.00	23.58 -2.35 0.00	28.27 -2.59 0.00	21.73 -2.12 0.00
HUNTLEY___67 23561	22.66 -1.30 0.00	22.83 -1.13 0.00	21.93 -1.09 0.00	22.63 -1.18 0.00	20.99 -0.94 0.00	23.62 -1.12 0.00	24.04 -1.38 0.00	24.15 -1.63 0.00	23.54 -1.51 0.00	23.40 -1.80 0.00	25.29 -2.29 0.00	25.82 -2.41 0.00	34.36 -3.43 0.00	27.11 -2.56 0.00	23.05 -2.36 0.00	25.34 -2.73 0.00	27.90 -2.95 0.00	29.03 -2.33 0.00	29.75 -2.44 0.00	21.71 -2.29 0.00	25.95 -2.47 0.00	23.44 -2.49 0.00	28.11 -2.75 0.00	21.60 -2.25 0.00
HUNTLEY___68 23562	22.66 -1.30 0.00	22.83 -1.13 0.00	21.93 -1.09 0.00	22.63 -1.18 0.00	20.99 -0.94 0.00	23.62 -1.12 0.00	24.04 -1.38 0.00	24.15 -1.63 0.00	23.54 -1.51 0.00	23.40 -1.80 0.00	25.29 -2.29 0.00	25.82 -2.41 0.00	34.36 -3.43 0.00	27.11 -2.56 0.00	23.05 -2.36 0.00	25.34 -2.73 0.00	27.90 -2.95 0.00	29.03 -2.33 0.00	29.75 -2.44 0.00	21.71 -2.29 0.00	25.95 -2.47 0.00	23.44 -2.49 0.00	28.11 -2.75 0.00	21.60 -2.25 0.00
HYLAND___LFGE 323620	23.68 -0.28 0.00	23.80 -0.15 0.00	22.84 -0.18 0.00	23.53 -0.28 0.00	21.70 -0.23 0.00	24.60 -0.14 0.00	25.37 -0.04 0.00	25.74 -0.04 0.00	25.13 0.09 0.00	24.86 -0.34 0.00	26.89 -0.69 0.00	27.52 -0.71 0.00	36.52 -1.27 0.00	28.69 -0.98 0.00	24.38 -1.03 0.00	26.98 -1.09 0.00	29.66 -1.19 0.00	31.21 -0.15 0.00	32.19 0.01 0.00	23.52 -0.47 0.00	27.91 -0.51 0.00	25.15 -0.78 0.00	29.97 -0.90 0.00	22.94 -0.91 0.00
INDECK___CORINTH 23802	24.72 0.76 0.00	24.78 0.82 0.00	23.79 0.77 0.00	24.64 0.83 0.00	22.72 0.79 0.00	25.81 1.07 0.00	26.82 1.41 0.00	27.25 1.48 0.00	26.41 1.37 0.00	26.55 1.35 0.00	29.03 1.45 0.00	29.85 1.62 0.00	39.89 2.10 0.00	31.04 1.38 0.00	26.59 1.18 0.00	29.33 1.26 0.00	32.12 1.26 0.00	32.64 1.28 0.00	33.27 1.08 0.00	24.83 0.83 0.00	29.29 0.86 0.00	26.69 0.76 0.00	31.98 1.12 0.00	24.81 0.97 0.00



INDECK___ILION 23567	24.09 0.13 0.00	24.09 0.13 0.00	23.13 0.10 0.00	24.03 0.21 0.00	22.13 0.20 0.00	25.03 0.29 0.00	25.94 0.52 0.00	26.39 0.61 0.00	25.61 0.56 0.00	25.72 0.52 0.00	28.12 0.55 0.00	28.76 0.53 0.00	38.43 0.65 0.00	30.15 0.48 0.00	25.79 0.38 0.00	28.46 0.39 0.00	31.27 0.42 0.00	31.85 0.49 0.00	32.78 0.60 0.00	24.41 0.41 0.00	28.85 0.42 0.00	26.37 0.44 0.00	31.34 0.47 0.00	24.16 0.31 0.00
INDECK___OLEAN 23982	23.81 -0.15 0.00	23.93 -0.02 0.00	22.96 -0.06 0.00	23.74 -0.08 0.00	21.87 -0.05 0.00	24.64 -0.10 0.00	25.31 -0.11 0.00	25.59 -0.19 0.00	24.79 -0.26 0.00	24.67 -0.52 0.00	26.85 -0.73 0.00	27.47 -0.76 0.00	36.67 -1.12 0.00	28.91 -0.76 0.00	24.56 -0.85 0.00	27.07 -1.00 0.00	29.74 -1.12 0.00	30.93 -0.43 0.00	31.84 -0.34 0.00	23.27 -0.73 0.00	27.74 -0.69 0.00	25.17 -0.76 0.00	30.26 -0.61 0.00	23.09 -0.76 0.00
INDECK___OSWEGO 23783	23.38 -0.58 0.00	23.37 -0.58 0.00	22.45 -0.58 0.00	23.24 -0.57 0.00	21.38 -0.54 0.00	24.05 -0.69 0.00	24.70 -0.71 0.00	24.98 -0.80 0.00	24.28 -0.76 0.00	24.40 -0.80 0.00	26.65 -0.93 0.00	27.24 -0.99 0.00	36.40 -1.39 0.00	28.60 -1.07 0.00	24.48 -0.93 0.00	27.07 -1.01 0.00	29.81 -1.04 0.00	30.42 -0.93 0.00	31.20 -0.99 0.00	23.16 -0.84 0.00	27.44 -0.99 0.00	25.14 -0.79 0.00	30.03 -0.83 0.00	23.19 -0.66 0.00
INDECK___YERKES 23781	22.82 -1.14 0.00	23.00 -0.96 0.00	22.10 -0.93 0.00	22.79 -1.03 0.00	21.11 -0.82 0.00	23.82 -0.92 0.00	24.22 -1.19 0.00	24.34 -1.44 0.00	23.72 -1.32 0.00	23.57 -1.62 0.00	25.44 -2.14 0.00	25.96 -2.27 0.00	34.60 -3.19 0.00	27.29 -2.38 0.00	23.22 -2.19 0.00	25.48 -2.59 0.00	28.06 -2.79 0.00	29.24 -2.12 0.00	29.92 -2.26 0.00	21.85 -2.15 0.00	26.14 -2.28 0.00	23.61 -2.33 0.00	28.30 -2.57 0.00	21.75 -2.10 0.00
INDIAN POINT_GT_1 24139	24.97 1.01 0.00	24.99 1.03 0.00	23.90 0.87 0.00	24.78 0.97 0.00	22.82 0.89 0.00	25.79 1.05 0.00	26.87 1.45 0.00	27.35 1.57 0.00	26.36 1.32 0.00	26.52 1.32 0.00	29.04 1.46 0.00	29.68 1.45 0.00	39.64 1.85 0.00	31.09 1.43 0.00	26.70 1.30 0.00	29.58 1.51 0.00	32.57 1.72 0.00	33.49 2.13 0.00	34.30 2.12 0.00	25.43 1.43 0.00	30.08 1.66 0.00	27.37 1.44 0.00	32.46 1.60 0.00	25.01 1.16 0.00
INDIAN POINT_GT_2 23659	24.97 1.01 0.00	24.99 1.03 0.00	23.90 0.87 0.00	24.78 0.97 0.00	22.82 0.89 0.00	25.79 1.05 0.00	26.87 1.45 0.00	27.35 1.57 0.00	26.36 1.32 0.00	26.52 1.32 0.00	29.04 1.46 0.00	29.68 1.45 0.00	39.64 1.85 0.00	31.09 1.43 0.00	26.70 1.30 0.00	29.58 1.51 0.00	32.57 1.72 0.00	33.49 2.13 0.00	34.30 2.12 0.00	25.43 1.43 0.00	30.08 1.66 0.00	27.37 1.44 0.00	32.46 1.60 0.00	25.01 1.16 0.00
INDIAN POINT_GT_3 24019	24.97 1.01 0.00	24.99 1.03 0.00	23.90 0.87 0.00	24.78 0.97 0.00	22.82 0.89 0.00	25.79 1.05 0.00	26.87 1.45 0.00	27.35 1.57 0.00	26.36 1.32 0.00	26.52 1.32 0.00	29.04 1.46 0.00	29.68 1.45 0.00	39.64 1.85 0.00	31.09 1.43 0.00	26.70 1.30 0.00	29.58 1.51 0.00	32.57 1.72 0.00	33.49 2.13 0.00	34.30 2.12 0.00	25.43 1.43 0.00	30.08 1.66 0.00	27.37 1.44 0.00	32.46 1.60 0.00	25.01 1.16 0.00
INDIAN POINT___2 23530	24.95 0.98 0.00	24.96 1.01 0.00	23.87 0.85 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.76 1.02 0.00	26.83 1.42 0.00	27.29 1.52 0.00	26.31 1.26 0.00	26.47 1.27 0.00	29.00 1.42 0.00	29.63 1.40 0.00	39.57 1.77 0.00	31.04 1.37 0.00	26.66 1.25 0.00	29.53 1.46 0.00	32.52 1.66 0.00	33.43 2.08 0.00	34.24 2.06 0.00	25.39 1.39 0.00	30.03 1.61 0.00	27.34 1.41 0.00	32.43 1.57 0.00	24.99 1.14 0.00
INDIAN POINT___3 23531	24.96 1.00 0.00	24.97 1.02 0.00	23.88 0.86 0.00	24.76 0.95 0.00	22.81 0.88 0.00	25.78 1.04 0.00	26.84 1.42 0.00	27.31 1.53 0.00	26.33 1.29 0.00	26.48 1.28 0.00	29.00 1.42 0.00	29.64 1.41 0.00	39.59 1.80 0.00	31.06 1.39 0.00	26.67 1.26 0.00	29.53 1.46 0.00	32.52 1.67 0.00	33.44 2.08 0.00	34.24 2.06 0.00	25.40 1.40 0.00	30.04 1.62 0.00	27.35 1.41 0.00	32.45 1.58 0.00	25.00 1.15 0.00
INGHAM_C_115KV_TB7 356103	24.13 0.17 0.00	24.16 0.20 0.00	23.17 0.14 0.00	24.19 0.37 0.00	22.27 0.34 0.00	25.26 0.53 0.00	26.41 1.00 0.00	27.00 1.23 0.00	26.15 1.10 0.00	26.22 1.02 0.00	28.66 1.08 0.00	29.30 1.07 0.00	39.07 1.28 0.00	30.62 0.96 0.00	26.16 0.75 0.00	28.78 0.71 0.00	31.57 0.71 0.00	32.21 0.85 0.00	33.30 1.12 0.00	24.78 0.78 0.00	29.20 0.78 0.00	26.77 0.83 0.00	31.76 0.90 0.00	24.43 0.58 0.00
IP CORINTH___1 23988	24.85 0.89 0.00	24.91 0.95 0.00	23.91 0.89 0.00	24.77 0.96 0.00	22.84 0.91 0.00	25.95 1.21 0.00	26.97 1.55 0.00	27.41 1.63 0.00	26.55 1.51 0.00	26.70 1.50 0.00	29.19 1.60 0.00	30.00 1.77 0.00	40.10 2.31 0.00	31.20 1.54 0.00	26.73 1.32 0.00	29.49 1.42 0.00	32.28 1.43 0.00	32.82 1.46 0.00	33.45 1.27 0.00	24.95 0.96 0.00	29.44 1.02 0.00	26.83 0.90 0.00	32.15 1.28 0.00	24.94 1.09 0.00
IP___TICONDEROGA 23804	26.22 2.26 0.00	26.29 2.33 0.00	25.18 2.16 0.00	26.08 2.27 0.00	24.14 2.21 0.00	27.59 2.85 0.00	28.65 3.24 0.00	29.32 3.54 0.00	28.48 3.43 0.00	28.53 3.34 0.00	31.12 3.54 0.00	32.07 3.84 0.00	42.86 5.07 0.00	33.36 3.69 0.00	28.42 3.01 0.00	31.42 3.35 0.00	34.49 3.64 0.00	35.12 3.77 0.00	35.61 3.43 0.00	26.63 2.63 0.00	31.48 3.06 0.00	28.62 2.69 0.00	34.07 3.20 0.00	26.43 2.58 0.00
ISLIP_RES_REC 323679	25.40 1.44 0.00	41.07 1.63 -15.49	24.48 1.45 0.00	28.60 1.61 -3.17	24.16 1.48 -0.75	26.39 1.65 0.00	27.58 2.16 0.00	27.88 2.10 0.00	26.90 1.86 0.00	27.06 1.87 0.00	30.21 2.19 -0.44	43.68 2.18 -13.26	40.96 2.66 -0.51	44.92 2.33 -12.93	28.46 2.01 -1.04	30.30 2.23 0.00	33.29 2.44 0.00	34.41 3.06 0.00	35.11 2.93 0.00	26.01 2.01 0.00	30.76 2.34 0.00	27.96 2.03 0.00	33.13 2.26 0.00	26.21 1.77 -0.59
JAMAICA__27_KV_LOAD 355505	25.19 1.23 0.00	25.18 1.22 0.00	24.06 1.04 0.00	24.95 1.13 0.00	22.98 1.05 0.00	26.01 1.28 0.00	27.23 1.82 0.00	27.83 2.06 0.00	26.81 1.77 0.00	26.98 1.79 0.00	29.54 1.96 0.00	30.17 1.94 0.00	40.31 2.52 0.00	31.62 1.95 0.00	27.15 1.75 0.00	30.05 1.98 0.00	33.06 2.21 0.00	34.06 2.70 0.00	34.87 2.69 0.00	25.85 1.85 0.00	30.55 2.13 0.00	27.74 1.81 0.00	32.86 1.99 0.00	25.25 1.40 0.00
JANIS___SOLAR 323808	24.55 0.59 0.00	24.54 0.59 0.00	23.56 0.53 0.00	24.44 0.63 0.00	22.45 0.53 0.00	25.36 0.62 0.00	26.29 0.87 0.00	26.76 0.99 0.00	26.05 1.01 0.00	26.16 0.96 0.00	28.54 0.96 0.00	29.11 0.88 0.00	39.01 1.22 0.00	30.59 0.93 0.00	26.06 0.66 0.00	28.66 0.59 0.00	31.71 0.86 0.00	32.63 1.27 0.00	33.57 1.39 0.00	24.78 0.78 0.00	29.30 0.88 0.00	26.66 0.73 0.00	31.81 0.95 0.00	24.39 0.55 0.00



JARVIS____ 23743	23.98 0.02 0.00	23.98 0.02 0.00	23.04 0.01 0.00	23.86 0.04 0.00	21.97 0.04 0.00	24.79 0.05 0.00	25.52 0.11 0.00	25.90 0.12 0.00	25.14 0.09 0.00	25.28 0.08 0.00	27.66 0.08 0.00	28.29 0.06 0.00	37.86 0.07 0.00	29.72 0.06 0.00	25.44 0.03 0.00	28.13 0.06 0.00	30.96 0.11 0.00	31.50 0.15 0.00	32.32 0.13 0.00	24.07 0.07 0.00	28.49 0.07 0.00	26.01 0.08 0.00	30.96 0.09 0.00	23.91 0.06 0.00
JENNISON____1 23625	23.97 0.01 0.00	23.97 0.01 0.00	23.01 -0.01 0.00	23.90 0.09 0.00	21.96 0.03 0.00	24.84 0.10 0.00	25.74 0.33 0.00	26.31 0.54 0.00	25.63 0.58 0.00	25.98 0.78 0.00	28.56 0.98 0.00	29.29 1.07 0.00	39.31 1.51 0.00	30.71 1.04 0.00	26.15 0.74 0.00	28.44 0.37 0.00	31.50 0.64 0.00	32.60 1.24 0.00	33.47 1.29 0.00	24.67 0.67 0.00	29.24 0.82 0.00	26.60 0.67 0.00	31.85 0.98 0.00	24.28 0.43 0.00
JENNISON____2 23626	23.97 0.01 0.00	23.97 0.01 0.00	23.01 -0.01 0.00	23.90 0.09 0.00	21.96 0.03 0.00	24.84 0.10 0.00	25.74 0.33 0.00	26.31 0.54 0.00	25.63 0.58 0.00	25.98 0.78 0.00	28.56 0.98 0.00	29.29 1.07 0.00	39.31 1.51 0.00	30.71 1.04 0.00	26.15 0.74 0.00	28.44 0.37 0.00	31.50 0.64 0.00	32.60 1.24 0.00	33.47 1.29 0.00	24.67 0.67 0.00	29.24 0.82 0.00	26.60 0.67 0.00	31.85 0.98 0.00	24.28 0.43 0.00
JERICHO_RISE_WT_PWR 323719	24.52 0.56 0.00	24.27 0.32 0.00	23.34 0.32 0.00	24.03 0.21 0.00	22.03 0.10 0.00	24.57 -0.16 0.00	24.89 -0.53 0.00	25.51 -0.27 0.00	25.08 0.04 0.00	25.68 0.48 0.00	28.46 0.88 0.00	29.31 1.08 0.00	39.53 1.74 0.00	31.02 1.35 0.00	26.20 0.80 0.00	28.38 0.31 0.00	30.64 -0.21 0.00	30.80 -0.56 0.00	31.61 -0.58 0.00	23.99 0.00 0.00	28.28 -0.15 0.00	15.09 -0.61 10.23	25.41 -0.89 4.56	23.43 -0.42 0.00
KATONAH____115KV_46KV_TB4 355592	25.13 1.17 0.00	25.15 1.19 0.00	24.06 1.04 0.00	24.95 1.14 0.00	22.98 1.06 0.00	25.99 1.25 0.00	27.10 1.69 0.00	27.59 1.81 0.00	26.62 1.58 0.00	26.78 1.58 0.00	29.32 1.74 0.00	29.95 1.72 0.00	40.00 2.21 0.00	31.37 1.71 0.00	26.93 1.53 0.00	29.83 1.76 0.00	32.84 1.99 0.00	33.78 2.42 0.00	34.59 2.40 0.00	25.65 1.65 0.00	30.33 1.91 0.00	27.57 1.64 0.00	32.68 1.82 0.00	25.17 1.32 0.00
KCE_NY_1 323755	24.97 1.01 0.00	25.00 1.05 0.00	24.01 0.98 0.00	24.87 1.06 0.00	22.93 1.01 0.00	25.98 1.24 0.00	26.99 1.58 0.00	27.46 1.69 0.00	26.58 1.54 0.00	26.72 1.52 0.00	29.22 1.64 0.00	29.91 1.68 0.00	39.94 2.15 0.00	31.28 1.61 0.00	26.81 1.41 0.00	29.63 1.56 0.00	32.52 1.67 0.00	33.16 1.80 0.00	33.90 1.72 0.00	25.22 1.23 0.00	29.84 1.41 0.00	27.17 1.24 0.00	32.33 1.46 0.00	25.03 1.18 0.00
KCE_NY_6_ESR 323823	22.92 -1.04 0.00	23.10 -0.85 0.00	22.20 -0.83 0.00	22.89 -0.92 0.00	21.18 -0.75 0.00	23.90 -0.84 0.00	24.39 -1.03 0.00	24.53 -1.25 0.00	23.89 -1.15 0.00	23.75 -1.45 0.00	25.67 -1.91 0.00	26.24 -1.99 0.00	34.96 -2.83 0.00	27.55 -2.12 0.00	23.42 -1.99 0.00	25.77 -2.30 0.00	28.38 -2.48 0.00	29.54 -1.82 0.00	30.26 -1.92 0.00	22.08 -1.92 0.00	26.38 -2.05 0.00	23.81 -2.13 0.00	28.55 -2.31 0.00	21.89 -1.95 0.00
KEDC_PORT_JEFF_GT2 24210	25.29 1.34 0.00	40.97 1.52 -15.49	24.37 1.35 0.00	28.49 1.50 -3.17	24.05 1.38 -0.75	26.26 1.52 0.00	27.41 2.00 0.00	27.70 1.92 0.00	26.74 1.70 0.00	26.90 1.70 0.00	30.03 2.01 -0.44	43.50 2.01 -13.26	40.73 2.43 -0.51	44.72 2.12 -12.93	28.30 1.85 -1.04	30.12 2.05 0.00	33.07 2.22 0.00	34.16 2.81 0.00	34.87 2.69 0.00	25.85 1.85 0.00	30.57 2.15 0.00	27.80 1.87 0.00	32.96 2.10 0.00	26.09 1.65 -0.59
KEDC_PORT_JEFF_GT3 24211	25.29 1.34 0.00	40.97 1.52 -15.49	24.37 1.35 0.00	28.49 1.50 -3.17	24.05 1.38 -0.75	26.26 1.52 0.00	27.41 2.00 0.00	27.70 1.92 0.00	26.74 1.70 0.00	26.90 1.70 0.00	30.03 2.01 -0.44	43.50 2.01 -13.26	40.73 2.43 -0.51	44.72 2.12 -12.93	28.30 1.85 -1.04	30.12 2.05 0.00	33.07 2.22 0.00	34.16 2.81 0.00	34.87 2.69 0.00	25.85 1.85 0.00	30.57 2.15 0.00	27.80 1.87 0.00	32.96 2.10 0.00	26.09 1.65 -0.59
KEDC_GLWD_GT4 24219	25.49 1.53 0.00	41.04 1.59 -15.49	24.42 1.40 0.00	28.50 1.52 -3.17	24.09 1.41 -0.75	26.34 1.60 0.00	27.45 2.04 0.00	27.87 2.09 0.00	26.91 1.86 0.00	27.09 1.90 0.00	30.21 2.19 -0.44	43.70 2.21 -13.26	41.06 2.76 -0.51	44.81 2.21 -12.93	28.40 1.95 -1.04	30.25 2.17 0.00	33.26 2.41 0.00	34.28 2.92 0.00	35.04 2.86 0.00	25.98 1.98 0.00	30.74 2.32 0.00	27.94 2.01 0.00	33.12 2.25 0.00	26.14 1.70 -0.59
KEDC_GLWD_GT5 24220	25.49 1.53 0.00	41.04 1.59 -15.49	24.42 1.40 0.00	28.50 1.52 -3.17	24.09 1.41 -0.75	26.34 1.60 0.00	27.45 2.04 0.00	27.87 2.09 0.00	26.91 1.86 0.00	27.09 1.90 0.00	30.21 2.19 -0.44	43.70 2.21 -13.26	41.06 2.76 -0.51	44.81 2.21 -12.93	28.40 1.95 -1.04	30.25 2.17 0.00	33.26 2.41 0.00	34.28 2.92 0.00	35.04 2.86 0.00	25.98 1.98 0.00	30.74 2.32 0.00	27.94 2.01 0.00	33.12 2.25 0.00	26.14 1.70 -0.59
KENSICO____ 23655	25.04 1.08 0.00	25.05 1.10 0.00	23.96 0.94 0.00	24.85 1.04 0.00	22.89 0.96 0.00	25.86 1.13 0.00	26.96 1.55 0.00	27.44 1.67 0.00	26.46 1.41 0.00	26.62 1.43 0.00	29.16 1.58 0.00	29.80 1.57 0.00	39.80 2.01 0.00	31.22 1.56 0.00	26.81 1.40 0.00	29.70 1.62 0.00	32.68 1.83 0.00	33.61 2.25 0.00	34.41 2.23 0.00	25.52 1.52 0.00	30.18 1.76 0.00	27.45 1.52 0.00	32.55 1.69 0.00	25.08 1.23 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.23 1.27 0.00	25.24 1.28 0.00	24.16 1.13 0.00	25.05 1.23 0.00	23.08 1.15 0.00	26.10 1.36 0.00	27.19 1.77 0.00	27.67 1.90 0.00	26.73 1.69 0.00	26.84 1.65 0.00	29.38 1.80 0.00	30.02 1.79 0.00	39.95 2.16 0.00	31.18 1.51 0.00	26.75 1.35 0.00	29.71 1.64 0.00	32.77 1.91 0.00	33.74 2.38 0.00	34.66 2.48 0.00	25.72 1.72 0.00	30.37 1.95 0.00	27.61 1.68 0.00	32.74 1.87 0.00	25.21 1.36 0.00
KIAC_JFK_GT1 23816	25.12 1.16 0.00	25.10 1.15 0.00	23.99 0.96 0.00	24.87 1.06 0.00	22.91 0.98 0.00	25.94 1.20 0.00	27.14 1.73 0.00	27.74 1.97 0.00	26.73 1.68 0.00	26.90 1.70 0.00	29.44 1.87 0.00	30.08 1.85 0.00	40.20 2.41 0.00	31.51 1.84 0.00	27.07 1.67 0.00	29.96 1.89 0.00	32.97 2.12 0.00	33.96 2.60 0.00	34.76 2.57 0.00	25.76 1.76 0.00	30.44 2.02 0.00	27.65 1.72 0.00	32.76 1.89 0.00	25.17 1.32 0.00
KIAC_JFK_GT2 23817	25.12 1.16 0.00	25.10 1.15 0.00	23.99 0.96 0.00	24.87 1.06 0.00	22.91 0.98 0.00	25.94 1.20 0.00	27.14 1.73 0.00	27.74 1.97 0.00	26.73 1.68 0.00	26.90 1.70 0.00	29.44 1.87 0.00	30.08 1.85 0.00	40.20 2.41 0.00	31.51 1.84 0.00	27.07 1.67 0.00	29.96 1.89 0.00	32.97 2.12 0.00	33.96 2.60 0.00	34.76 2.57 0.00	25.76 1.76 0.00	30.44 2.02 0.00	27.65 1.72 0.00	32.76 1.89 0.00	25.17 1.32 0.00



KIAC_JFK____ 323774	25.12 1.16 0.00	25.10 1.15 0.00	23.99 0.96 0.00	24.88 1.06 0.00	22.93 1.00 0.00	25.94 1.20 0.00	27.15 1.73 0.00	27.73 1.96 0.00	26.73 1.68 0.00	26.90 1.71 0.00	29.47 1.89 0.00	30.10 1.87 0.00	40.19 2.40 0.00	31.51 1.85 0.00	27.07 1.67 0.00	29.96 1.89 0.00	32.97 2.12 0.00	33.96 2.60 0.00	34.75 2.57 0.00	25.76 1.76 0.00	30.44 2.01 0.00	27.65 1.72 0.00	32.76 1.89 0.00	25.17 1.32 0.00
KINTIGH____ 23543	22.75 -1.21 0.00	22.90 -1.06 0.00	21.99 -1.03 0.00	22.71 -1.10 0.00	21.05 -0.88 0.00	23.66 -1.08 0.00	24.10 -1.32 0.00	24.23 -1.55 0.00	23.58 -1.46 0.00	23.47 -1.73 0.00	25.41 -2.18 0.00	25.92 -2.31 0.00	34.52 -3.27 0.00	27.25 -2.42 0.00	23.18 -2.22 0.00	25.48 -2.59 0.00	28.06 -2.80 0.00	29.15 -2.21 0.00	29.86 -2.32 0.00	21.85 -2.14 0.00	26.10 -2.32 0.00	23.60 -2.33 0.00	28.28 -2.59 0.00	21.74 -2.10 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.98 1.02 0.00	24.69 0.74 0.00	23.71 0.68 0.00	24.42 0.60 0.00	22.38 0.45 0.00	24.96 0.22 0.00	25.34 -0.07 0.00	26.01 0.23 0.00	25.50 0.46 0.00	26.10 0.91 0.00	28.96 1.38 0.00	29.82 1.59 0.00	40.31 2.52 0.00	31.63 1.96 0.00	26.66 1.25 0.00	28.90 0.82 0.00	31.16 0.31 0.00	31.42 0.06 0.00	32.16 -0.02 0.00	24.43 0.43 0.00	28.79 0.37 0.00	16.01 -0.23 9.69	26.05 -0.49 4.32	23.73 -0.11 0.00
LACHUTE____HYDRO 323717	26.22 2.26 0.00	26.29 2.33 0.00	25.18 2.16 0.00	26.08 2.27 0.00	24.14 2.21 0.00	27.58 2.85 0.00	28.65 3.23 0.00	29.32 3.55 0.00	28.47 3.43 0.00	28.53 3.34 0.00	31.11 3.53 0.00	32.06 3.83 0.00	42.86 5.07 0.00	33.36 3.69 0.00	28.41 3.01 0.00	31.42 3.35 0.00	34.49 3.64 0.00	35.12 3.76 0.00	35.61 3.43 0.00	26.63 2.63 0.00	31.48 3.06 0.00	28.62 2.69 0.00	34.07 3.20 0.00	26.43 2.58 0.00
LAWRNCALV_115KV_TB1 80681	24.25 0.28 0.00	24.10 0.15 0.00	23.23 0.21 0.00	23.98 0.16 0.00	22.10 0.17 0.00	24.92 0.18 0.00	25.41 -0.01 0.00	25.82 0.05 0.00	25.27 0.22 0.00	25.54 0.35 0.00	28.06 0.48 0.00	28.78 0.55 0.00	38.70 0.91 0.00	30.37 0.70 0.00	25.83 0.43 0.00	28.34 0.27 0.00	31.15 0.29 0.00	31.31 -0.05 0.00	32.11 -0.07 0.00	24.07 0.07 0.00	28.51 0.09 0.00	27.20 0.04 -1.23	31.51 0.10 -0.55	23.92 0.07 0.00
LEDERLE____ 23769	25.03 1.07 0.00	25.05 1.09 0.00	23.96 0.93 0.00	24.84 1.03 0.00	22.88 0.95 0.00	25.85 1.11 0.00	26.92 1.50 0.00	27.37 1.60 0.00	26.39 1.34 0.00	26.54 1.34 0.00	29.07 1.49 0.00	29.71 1.48 0.00	39.67 1.89 0.00	31.12 1.46 0.00	26.73 1.33 0.00	29.62 1.55 0.00	32.62 1.77 0.00	33.54 2.18 0.00	34.37 2.18 0.00	25.48 1.48 0.00	30.15 1.73 0.00	27.46 1.52 0.00	32.58 1.72 0.00	25.08 1.24 0.00
LIGHTHSE_115KV_TB6 355974	23.56 -0.40 0.00	23.41 -0.55 0.00	22.48 -0.55 0.00	23.38 -0.43 0.00	21.53 -0.39 0.00	24.11 -0.63 0.00	24.85 -0.57 0.00	25.18 -0.59 0.00	24.53 -0.51 0.00	24.71 -0.49 0.00	26.92 -0.66 0.00	27.43 -0.80 0.00	36.65 -1.15 0.00	28.81 -0.86 0.00	24.59 -0.81 0.00	27.22 -0.85 0.00	30.21 -0.64 0.00	30.81 -0.55 0.00	31.46 -0.72 0.00	23.23 -0.77 0.00	27.52 -0.91 0.00	25.18 -0.75 0.00	30.15 -0.71 0.00	23.20 -0.65 0.00
LINDEN COGEN____ 23786	25.07 1.11 0.00	25.07 1.11 0.00	23.94 0.92 0.00	24.84 1.03 0.00	22.90 0.98 0.00	25.87 1.14 0.00	27.01 1.60 0.00	27.49 1.72 0.00	26.45 1.41 0.00	26.61 1.42 0.00	29.13 1.55 0.00	29.77 1.54 0.00	36.14 1.97 3.62	31.22 1.55 0.00	26.81 1.41 0.00	29.73 1.65 0.00	32.76 1.91 0.00	33.70 2.34 0.00	34.51 2.33 0.00	25.59 1.59 0.00	30.21 1.78 0.00	27.45 1.52 0.00	32.58 1.72 0.00	25.08 1.23 0.00
LINDHRST_69_KV_BK1 356055	25.55 1.59 0.00	41.13 1.69 -15.49	24.53 1.50 0.00	28.62 1.64 -3.17	24.18 1.51 -0.75	26.44 1.71 0.00	27.57 2.15 0.00	27.97 2.19 0.00	26.99 1.94 0.00	27.17 1.98 0.00	30.30 2.28 -0.44	43.77 2.27 -13.26	41.16 2.86 -0.51	44.96 2.37 -12.93	28.51 2.06 -1.04	30.35 2.28 0.00	33.36 2.50 0.00	34.43 3.07 0.00	35.16 2.98 0.00	26.07 2.07 0.00	30.87 2.44 0.00	28.05 2.12 0.00	33.22 2.36 0.00	26.25 1.81 -0.59
LIPA_MISC_IPP 23656	25.12 1.16 0.00	40.86 1.41 -15.49	24.28 1.25 0.00	28.41 1.42 -3.17	23.96 1.29 -0.75	26.16 1.43 0.00	27.35 1.94 0.00	27.57 1.79 0.00	26.59 1.55 0.00	26.69 1.50 0.00	29.76 1.74 -0.44	43.23 1.74 -13.26	40.46 2.17 -0.51	44.53 1.93 -12.93	28.15 1.70 -1.04	29.96 1.89 0.00	32.83 1.98 0.00	33.91 2.55 0.00	34.65 2.46 0.00	25.70 1.70 0.00	30.43 2.01 0.00	27.66 1.73 0.00	32.80 1.94 0.00	25.97 1.53 -0.59
LISF____SOLAR 323691	25.14 1.18 0.00	40.88 1.44 -15.49	24.30 1.28 0.00	28.43 1.45 -3.17	24.00 1.32 -0.75	26.19 1.45 0.00	27.39 1.98 0.00	27.57 1.80 0.00	26.62 1.58 0.00	26.72 1.52 0.00	29.80 1.78 -0.44	43.27 1.77 -13.26	40.48 2.19 -0.51	44.58 1.98 -12.93	28.18 1.73 -1.04	30.00 1.92 0.00	32.87 2.02 0.00	33.93 2.57 0.00	34.69 2.51 0.00	25.74 1.74 0.00	30.46 2.04 0.00	27.70 1.76 0.00	32.84 1.97 0.00	26.01 1.57 -0.59
LITTLE FALLS____HYD 24013	24.13 0.17 0.00	24.16 0.20 0.00	23.17 0.14 0.00	24.19 0.37 0.00	22.27 0.34 0.00	25.26 0.53 0.00	26.41 1.00 0.00	27.00 1.23 0.00	26.15 1.10 0.00	26.22 1.02 0.00	28.66 1.08 0.00	29.30 1.07 0.00	39.07 1.28 0.00	30.62 0.96 0.00	26.16 0.75 0.00	28.78 0.71 0.00	31.57 0.71 0.00	32.21 0.85 0.00	33.30 1.12 0.00	24.78 0.78 0.00	29.20 0.78 0.00	26.77 0.83 0.00	31.76 0.90 0.00	24.43 0.58 0.00
LITTLRIV_115KV_TB1 356100	24.53 0.57 0.00	24.38 0.43 0.00	23.51 0.48 0.00	24.26 0.45 0.00	22.36 0.43 0.00	25.28 0.54 0.00	25.80 0.39 0.00	26.22 0.44 0.00	25.72 0.67 0.00	25.96 0.77 0.00	28.53 0.95 0.00	29.29 1.06 0.00	39.38 1.58 0.00	30.90 1.23 0.00	26.27 0.86 0.00	28.79 0.72 0.00	31.61 0.76 0.00	31.73 0.38 0.00	32.60 0.42 0.00	24.44 0.44 0.00	28.95 0.52 0.00	27.70 0.41 -1.36	31.98 0.51 -0.61	24.21 0.36 0.00
LI_NEWBRDGE____DRP 323616	25.33 1.37 0.00	40.89 1.45 -15.49	24.30 1.27 0.00	28.37 1.39 -3.17	23.95 1.27 -0.75	26.17 1.44 0.00	27.27 1.86 0.00	27.69 1.91 0.00	26.70 1.66 0.00	26.88 1.69 0.00	29.96 1.94 -0.44	43.44 1.94 -13.26	40.74 2.44 -0.51	44.58 1.98 -12.93	28.21 1.75 -1.04	30.03 1.96 0.00	32.98 2.13 0.00	34.00 2.64 0.00	34.75 2.57 0.00	25.78 1.78 0.00	30.51 2.09 0.00	27.75 1.82 0.00	32.89 2.03 0.00	25.98 1.54 -0.59
LOCKPORT_115KV_TB60_63_64 80432	22.70 -1.26 0.00	22.87 -1.08 0.00	21.97 -1.05 0.00	22.67 -1.14 0.00	21.04 -0.89 0.00	23.68 -1.06 0.00	24.07 -1.34 0.00	24.17 -1.61 0.00	23.57 -1.47 0.00	23.43 -1.76 0.00	25.30 -2.28 0.00	25.82 -2.41 0.00	34.34 -3.45 0.00	27.11 -2.56 0.00	23.05 -2.35 0.00	25.29 -2.78 0.00	27.88 -2.97 0.00	29.00 -2.36 0.00	29.65 -2.53 0.00	21.65 -2.35 0.00	25.89 -2.53 0.00	23.35 -2.58 0.00	27.99 -2.88 0.00	21.54 -2.31 0.00



LOCKPORT___CC1 323769	22.66 -1.30 0.00	22.85 -1.10 0.00	21.95 -1.07 0.00	22.63 -1.18 0.00	20.97 -0.96 0.00	23.64 -1.09 0.00	24.03 -1.38 0.00	24.15 -1.63 0.00	23.53 -1.52 0.00	23.38 -1.82 0.00	25.23 -2.35 0.00	25.74 -2.49 0.00	34.29 -3.50 0.00	27.05 -2.61 0.00	23.01 -2.39 0.00	25.26 -2.81 0.00	27.82 -3.03 0.00	28.97 -2.38 0.00	29.62 -2.57 0.00	21.62 -2.37 0.00	25.88 -2.55 0.00	23.33 -2.61 0.00	27.96 -2.91 0.00	21.51 -2.33 0.00
LOCKPORT___CC2 323770	22.66 -1.30 0.00	22.85 -1.10 0.00	21.95 -1.07 0.00	22.63 -1.18 0.00	20.97 -0.96 0.00	23.64 -1.09 0.00	24.03 -1.38 0.00	24.15 -1.63 0.00	23.53 -1.52 0.00	23.38 -1.82 0.00	25.23 -2.35 0.00	25.74 -2.49 0.00	34.29 -3.50 0.00	27.05 -2.61 0.00	23.01 -2.39 0.00	25.26 -2.81 0.00	27.82 -3.03 0.00	28.97 -2.38 0.00	29.62 -2.57 0.00	21.62 -2.37 0.00	25.88 -2.55 0.00	23.33 -2.61 0.00	27.96 -2.91 0.00	21.51 -2.33 0.00
LOCKPORT___CC3 323771	22.66 -1.30 0.00	22.85 -1.10 0.00	21.95 -1.07 0.00	22.63 -1.18 0.00	20.97 -0.96 0.00	23.64 -1.09 0.00	24.03 -1.38 0.00	24.15 -1.63 0.00	23.53 -1.52 0.00	23.38 -1.82 0.00	25.23 -2.35 0.00	25.74 -2.49 0.00	34.29 -3.50 0.00	27.05 -2.61 0.00	23.01 -2.39 0.00	25.26 -2.81 0.00	27.82 -3.03 0.00	28.97 -2.38 0.00	29.62 -2.57 0.00	21.62 -2.37 0.00	25.88 -2.55 0.00	23.33 -2.61 0.00	27.96 -2.91 0.00	21.51 -2.33 0.00
LONG_LAKE_PHOENIX 24014	23.52 -0.45 0.00	23.53 -0.43 0.00	22.59 -0.43 0.00	23.38 -0.43 0.00	21.51 -0.42 0.00	24.22 -0.52 0.00	24.88 -0.53 0.00	25.16 -0.62 0.00	24.45 -0.59 0.00	24.56 -0.63 0.00	26.84 -0.74 0.00	27.46 -0.76 0.00	36.70 -1.09 0.00	28.82 -0.84 0.00	24.67 -0.74 0.00	27.28 -0.79 0.00	30.02 -0.83 0.00	30.64 -0.72 0.00	31.44 -0.74 0.00	23.35 -0.65 0.00	27.65 -0.77 0.00	25.32 -0.61 0.00	30.22 -0.65 0.00	23.34 -0.51 0.00
LOVETT___3 23632	24.91 0.95 0.00	24.94 0.98 0.00	23.85 0.82 0.00	24.74 0.92 0.00	22.78 0.85 0.00	25.72 0.99 0.00	26.77 1.36 0.00	27.22 1.44 0.00	26.23 1.19 0.00	26.38 1.19 0.00	28.90 1.32 0.00	29.52 1.29 0.00	39.44 1.65 0.00	30.94 1.28 0.00	26.57 1.17 0.00	29.43 1.36 0.00	32.42 1.56 0.00	33.33 1.98 0.00	34.14 1.96 0.00	25.32 1.32 0.00	29.97 1.55 0.00	27.31 1.38 0.00	32.42 1.55 0.00	24.97 1.12 0.00
LOVETT___4 23642	24.91 0.95 0.00	24.94 0.98 0.00	23.85 0.82 0.00	24.74 0.92 0.00	22.78 0.85 0.00	25.72 0.99 0.00	26.77 1.36 0.00	27.22 1.44 0.00	26.23 1.19 0.00	26.38 1.19 0.00	28.90 1.32 0.00	29.52 1.29 0.00	39.44 1.65 0.00	30.94 1.28 0.00	26.57 1.17 0.00	29.43 1.36 0.00	32.42 1.56 0.00	33.33 1.98 0.00	34.14 1.96 0.00	25.32 1.32 0.00	29.97 1.55 0.00	27.31 1.38 0.00	32.42 1.55 0.00	24.97 1.12 0.00
LOVETT___5 23593	24.91 0.95 0.00	24.94 0.98 0.00	23.85 0.82 0.00	24.74 0.92 0.00	22.78 0.85 0.00	25.72 0.99 0.00	26.77 1.36 0.00	27.22 1.44 0.00	26.23 1.19 0.00	26.38 1.19 0.00	28.90 1.32 0.00	29.52 1.29 0.00	39.44 1.65 0.00	30.94 1.28 0.00	26.57 1.17 0.00	29.43 1.36 0.00	32.42 1.56 0.00	33.33 1.98 0.00	34.14 1.96 0.00	25.32 1.32 0.00	29.97 1.55 0.00	27.31 1.38 0.00	32.42 1.55 0.00	24.97 1.12 0.00
LOWER RAQUET___HYD 24057	24.26 0.30 0.00	24.10 0.15 0.00	23.22 0.20 0.00	23.98 0.17 0.00	22.10 0.17 0.00	24.91 0.18 0.00	25.41 -0.01 0.00	25.83 0.06 0.00	25.29 0.25 0.00	25.58 0.38 0.00	28.10 0.52 0.00	28.82 0.59 0.00	38.76 0.97 0.00	30.40 0.74 0.00	25.83 0.43 0.00	28.32 0.24 0.00	31.12 0.27 0.00	31.28 -0.07 0.00	32.07 -0.11 0.00	24.04 0.04 0.00	28.47 0.04 0.00	27.43 0.02 -1.48	31.60 0.07 -0.66	23.89 0.04 0.00
LOWER___HUDSON 24059	24.64 0.68 0.00	24.69 0.73 0.00	23.69 0.67 0.00	24.54 0.73 0.00	22.62 0.69 0.00	25.59 0.86 0.00	26.57 1.16 0.00	27.00 1.22 0.00	26.15 1.11 0.00	26.27 1.08 0.00	28.75 1.17 0.00	29.40 1.17 0.00	39.25 1.46 0.00	30.80 1.13 0.00	26.44 1.03 0.00	29.22 1.15 0.00	32.03 1.17 0.00	32.71 1.35 0.00	33.44 1.26 0.00	24.92 0.92 0.00	29.53 1.11 0.00	26.87 0.93 0.00	31.89 1.02 0.00	24.72 0.87 0.00
LOWVILLE_115KV_TB2 356335	23.72 -0.24 0.00	23.33 -0.62 0.00	22.40 -0.62 0.00	23.44 -0.38 0.00	21.61 -0.32 0.00	24.15 -0.59 0.00	24.96 -0.45 0.00	25.38 -0.39 0.00	24.88 -0.17 0.00	25.22 0.02 0.00	27.41 -0.17 0.00	27.86 -0.37 0.00	37.31 -0.48 0.00	29.29 -0.38 0.00	24.89 -0.52 0.00	27.70 -0.37 0.00	31.06 0.20 0.00	31.51 0.15 0.00	31.98 -0.21 0.00	23.41 -0.59 0.00	27.75 -0.67 0.00	25.76 -0.63 -0.46	30.47 -0.60 -0.20	23.14 -0.71 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.97 1.01 0.00	25.01 1.06 0.00	24.01 0.98 0.00	24.87 1.05 0.00	22.92 0.99 0.00	25.97 1.23 0.00	26.97 1.56 0.00	27.44 1.66 0.00	26.57 1.52 0.00	26.69 1.49 0.00	29.19 1.61 0.00	29.89 1.66 0.00	39.93 2.14 0.00	31.26 1.60 0.00	26.81 1.41 0.00	29.62 1.55 0.00	32.50 1.65 0.00	33.16 1.80 0.00	33.88 1.70 0.00	25.22 1.22 0.00	29.84 1.41 0.00	27.15 1.22 0.00	32.30 1.44 0.00	25.01 1.17 0.00
LUTHERNY_35_KV_BK2 355980	24.97 1.01 0.00	25.00 1.05 0.00	24.01 0.98 0.00	24.87 1.05 0.00	22.93 1.00 0.00	25.98 1.25 0.00	26.99 1.58 0.00	27.47 1.69 0.00	26.58 1.54 0.00	26.72 1.52 0.00	29.21 1.63 0.00	29.90 1.67 0.00	39.94 2.15 0.00	31.28 1.61 0.00	26.82 1.41 0.00	29.63 1.56 0.00	32.52 1.67 0.00	33.16 1.81 0.00	33.91 1.72 0.00	25.22 1.23 0.00	29.85 1.42 0.00	27.17 1.24 0.00	32.33 1.46 0.00	25.03 1.18 0.00
LWR___OSWEGATCHIE_HYD 23850	23.83 -0.13 0.00	23.56 -0.39 0.00	22.67 -0.36 0.00	23.55 -0.26 0.00	21.71 -0.22 0.00	24.36 -0.37 0.00	25.01 -0.41 0.00	25.45 -0.33 0.00	24.93 -0.12 0.00	25.24 0.05 0.00	27.59 0.01 0.00	28.17 -0.06 0.00	37.80 0.01 0.00	29.66 -0.01 0.00	25.20 -0.20 0.00	27.81 -0.26 0.00	30.88 0.03 0.00	31.21 -0.14 0.00	31.81 -0.37 0.00	23.56 -0.44 0.00	27.92 -0.50 0.00	26.47 -0.48 -1.03	30.85 -0.47 -0.46	23.36 -0.49 0.00
LYONS_FALL_HYD 23570	24.00 0.04 0.00	23.75 -0.20 0.00	22.82 -0.20 0.00	23.79 -0.03 0.00	21.92 0.00 0.00	24.61 -0.13 0.00	25.44 0.03 0.00	25.85 0.07 0.00	25.26 0.22 0.00	25.52 0.32 0.00	27.79 0.21 0.00	28.33 0.10 0.00	37.95 0.16 0.00	29.78 0.12 0.00	25.36 -0.04 0.00	28.14 0.07 0.00	31.29 0.44 0.00	31.75 0.39 0.00	32.39 0.20 0.00	23.86 -0.13 0.00	28.27 -0.16 0.00	26.08 -0.16 -0.31	30.89 -0.11 -0.14	23.59 -0.26 0.00
MADISON___COUNTY_LFGE 323628	24.43 0.46 0.00	24.40 0.44 0.00	23.46 0.44 0.00	24.34 0.53 0.00	22.41 0.48 0.00	25.29 0.55 0.00	26.26 0.85 0.00	26.58 0.80 0.00	25.90 0.85 0.00	26.04 0.84 0.00	28.47 0.89 0.00	29.14 0.91 0.00	38.94 1.15 0.00	30.58 0.92 0.00	26.10 0.69 0.00	28.86 0.78 0.00	31.71 0.85 0.00	32.16 0.80 0.00	33.00 0.81 0.00	24.47 0.48 0.00	28.95 0.53 0.00	26.41 0.48 0.00	31.43 0.56 0.00	24.21 0.36 0.00



MALONE___115KV_TB1 356076	24.74 0.78 0.00	24.51 0.56 0.00	23.59 0.56 0.00	24.30 0.48 0.00	22.31 0.38 0.00	24.97 0.23 0.00	25.37 -0.04 0.00	25.96 0.19 0.00	25.52 0.47 0.00	26.03 0.83 0.00	28.78 1.20 0.00	29.61 1.38 0.00	39.91 2.12 0.00	31.31 1.65 0.00	26.49 1.08 0.00	28.78 0.71 0.00	31.21 0.35 0.00	31.40 0.04 0.00	32.23 0.04 0.00	24.37 0.37 0.00	28.74 0.31 0.00	32.34 -0.11 -6.52	33.50 -0.27 -2.91	23.82 -0.03 0.00
MAPLEWOD_115KV_TB3 80458	24.59 0.63 0.00	24.64 0.68 0.00	23.65 0.62 0.00	24.49 0.68 0.00	22.57 0.64 0.00	25.53 0.79 0.00	26.49 1.08 0.00	26.94 1.16 0.00	26.08 1.04 0.00	26.23 1.03 0.00	28.70 1.12 0.00	29.33 1.10 0.00	39.17 1.38 0.00	30.73 1.06 0.00	26.40 0.99 0.00	29.15 1.08 0.00	31.94 1.09 0.00	32.67 1.32 0.00	33.41 1.23 0.00	24.89 0.89 0.00	29.47 1.04 0.00	26.81 0.88 0.00	31.79 0.92 0.00	24.63 0.77 0.00
MAPLE_RIDGE_WT_1 323574	23.55 -0.41 0.00	23.33 -0.63 0.00	22.48 -0.54 0.00	23.14 -0.68 0.00	21.41 -0.52 0.00	24.34 -0.40 0.00	24.85 -0.56 0.00	24.81 -0.97 0.00	23.86 -1.18 0.00	24.06 -1.14 0.00	26.44 -1.14 0.00	27.14 -1.09 0.00	36.66 -1.13 0.00	28.72 -0.94 0.00	24.52 -0.88 0.00	27.48 -0.59 0.00	30.54 -0.31 0.00	30.91 -0.45 0.00	31.32 -0.86 0.00	23.26 -0.74 0.00	27.47 -0.95 0.00	25.14 -0.79 0.00	30.02 -0.85 0.00	23.18 -0.66 0.00
MAPLE_RIDGE_WT_2 323611	23.55 -0.41 0.00	23.33 -0.63 0.00	22.48 -0.54 0.00	23.14 -0.68 0.00	21.41 -0.52 0.00	24.34 -0.40 0.00	24.85 -0.56 0.00	24.81 -0.97 0.00	23.86 -1.18 0.00	24.06 -1.14 0.00	26.44 -1.14 0.00	27.14 -1.09 0.00	36.66 -1.13 0.00	28.72 -0.94 0.00	24.52 -0.88 0.00	27.48 -0.59 0.00	30.54 -0.31 0.00	30.91 -0.45 0.00	31.32 -0.86 0.00	23.26 -0.74 0.00	27.47 -0.95 0.00	25.14 -0.79 0.00	30.02 -0.85 0.00	23.18 -0.66 0.00
MARBLE_RIVER_WT_PWR 323696	24.57 0.62 0.00	24.30 0.34 0.00	23.34 0.31 0.00	24.03 0.22 0.00	22.04 0.11 0.00	24.55 -0.19 0.00	24.86 -0.55 0.00	25.49 -0.29 0.00	25.06 0.02 0.00	25.68 0.49 0.00	28.50 0.92 0.00	29.36 1.13 0.00	39.64 1.85 0.00	31.09 1.43 0.00	26.24 0.84 0.00	28.41 0.34 0.00	30.65 -0.21 0.00	30.82 -0.53 0.00	31.60 -0.58 0.00	24.02 0.02 0.00	28.30 -0.12 0.00	15.80 -0.63 9.51	25.70 -0.93 4.24	23.42 -0.43 0.00
MARSHVLE_115KV_TB1 80742	24.83 0.87 0.00	24.74 0.79 0.00	23.83 0.80 0.00	24.75 0.93 0.00	22.81 0.88 0.00	25.69 0.95 0.00	26.48 1.07 0.00	26.99 1.21 0.00	26.19 1.15 0.00	26.37 1.17 0.00	28.85 1.27 0.00	29.46 1.23 0.00	39.43 1.64 0.00	30.95 1.28 0.00	26.35 0.95 0.00	28.99 0.92 0.00	32.13 1.28 0.00	32.62 1.26 0.00	33.51 1.33 0.00	24.92 0.92 0.00	29.40 0.98 0.00	26.94 1.01 0.00	31.98 1.12 0.00	24.66 0.81 0.00
MARSH_HILL_WT_PWR 323713	21.76 -2.20 0.00	21.93 -2.02 0.00	21.03 -2.00 0.00	21.80 -2.02 0.00	20.00 -1.93 0.00	22.67 -2.06 0.00	23.42 -2.00 0.00	23.84 -1.94 0.00	23.38 -1.66 0.00	23.43 -1.77 0.00	25.34 -2.24 0.00	25.86 -2.37 0.00	34.21 -3.58 0.00	26.79 -2.88 0.00	22.67 -2.74 0.00	25.07 -3.00 0.00	27.66 -3.19 0.00	28.89 -2.46 0.00	30.16 -2.02 0.00	21.82 -2.18 0.00	25.62 -2.80 0.00	23.17 -2.77 0.00	27.67 -3.20 0.00	21.13 -2.72 0.00
MCINTYRE_115KV_TB2 80467	24.64 0.68 0.00	24.52 0.56 0.00	23.65 0.62 0.00	24.39 0.58 0.00	22.49 0.56 0.00	25.45 0.72 0.00	25.97 0.56 0.00	26.40 0.62 0.00	25.88 0.83 0.00	26.12 0.92 0.00	28.70 1.12 0.00	29.45 1.22 0.00	39.58 1.79 0.00	31.06 1.39 0.00	26.44 1.04 0.00	29.01 0.93 0.00	31.88 1.02 0.00	32.01 0.65 0.00	32.88 0.70 0.00	24.66 0.66 0.00	29.21 0.79 0.00	27.72 0.63 -1.16	32.11 0.73 -0.52	24.37 0.53 0.00
MECO___69_KV_BK1 80468	25.39 1.43 0.00	25.44 1.48 0.00	24.42 1.40 0.00	25.40 1.59 0.00	23.35 1.43 0.00	26.46 1.72 0.00	27.53 2.12 0.00	27.91 2.14 0.00	27.25 2.21 0.00	27.19 1.99 0.00	29.63 2.06 0.00	30.33 2.11 0.00	40.68 2.88 0.00	31.91 2.24 0.00	27.28 1.88 0.00	30.28 2.21 0.00	33.23 2.38 0.00	33.45 2.09 0.00	34.85 2.67 0.00	25.92 1.93 0.00	30.63 2.21 0.00	27.95 2.01 0.00	33.01 2.14 0.00	25.41 1.56 0.00
MENANDS__115KV_TB5 355628	24.49 0.53 0.00	24.54 0.58 0.00	23.55 0.53 0.00	24.39 0.57 0.00	22.48 0.55 0.00	25.42 0.69 0.00	26.37 0.96 0.00	26.81 1.04 0.00	25.96 0.92 0.00	26.11 0.91 0.00	28.56 0.98 0.00	29.19 0.97 0.00	38.98 1.19 0.00	30.59 0.92 0.00	26.28 0.87 0.00	29.00 0.93 0.00	31.74 0.89 0.00	32.47 1.11 0.00	33.21 1.02 0.00	24.74 0.75 0.00	29.30 0.88 0.00	26.66 0.73 0.00	31.61 0.75 0.00	24.49 0.65 0.00
MG INDUSTRY___DRP 24185	24.39 0.43 0.00	24.43 0.47 0.00	23.45 0.42 0.00	24.28 0.47 0.00	22.37 0.44 0.00	25.27 0.54 0.00	26.20 0.78 0.00	26.63 0.85 0.00	25.77 0.73 0.00	25.91 0.72 0.00	28.36 0.78 0.00	28.99 0.76 0.00	38.73 0.94 0.00	30.38 0.71 0.00	26.09 0.68 0.00	28.87 0.80 0.00	31.68 0.82 0.00	32.39 1.03 0.00	33.17 0.99 0.00	24.70 0.70 0.00	29.25 0.83 0.00	26.62 0.69 0.00	31.59 0.73 0.00	24.44 0.59 0.00
MID___OSWEGATCHIE_HYD 23849	23.83 -0.13 0.00	23.56 -0.39 0.00	22.67 -0.36 0.00	23.55 -0.26 0.00	21.71 -0.22 0.00	24.36 -0.37 0.00	25.01 -0.41 0.00	25.45 -0.33 0.00	24.93 -0.12 0.00	25.24 0.05 0.00	27.59 0.01 0.00	28.17 -0.06 0.00	37.80 0.01 0.00	29.66 -0.01 0.00	25.20 -0.20 0.00	27.81 -0.26 0.00	30.88 0.03 0.00	31.21 -0.14 0.00	31.81 -0.37 0.00	23.56 -0.44 0.00	27.92 -0.50 0.00	26.47 -0.48 -1.03	30.85 -0.47 -0.46	23.36 -0.49 0.00
MID___RAQUETTE_HYD 23851	24.26 0.30 0.00	24.10 0.15 0.00	23.22 0.20 0.00	23.98 0.17 0.00	22.10 0.17 0.00	24.91 0.18 0.00	25.41 -0.01 0.00	25.83 0.05 0.00	25.29 0.25 0.00	25.58 0.38 0.00	28.11 0.53 0.00	28.82 0.59 0.00	38.76 0.97 0.00	30.40 0.74 0.00	25.83 0.43 0.00	28.32 0.24 0.00	31.12 0.27 0.00	31.28 -0.07 0.00	32.07 -0.11 0.00	24.04 0.04 0.00	28.47 0.04 0.00	27.43 0.02 -1.48	31.60 0.07 -0.66	23.89 0.04 0.00
MILLIKEN___1 23584	24.16 0.20 0.00	24.19 0.24 0.00	23.22 0.20 0.00	24.05 0.23 0.00	22.11 0.18 0.00	24.95 0.21 0.00	25.77 0.35 0.00	26.14 0.36 0.00	25.42 0.38 0.00	25.48 0.28 0.00	27.82 0.24 0.00	28.44 0.21 0.00	37.96 0.16 0.00	29.82 0.15 0.00	25.47 0.06 0.00	28.15 0.07 0.00	31.04 0.18 0.00	31.77 0.41 0.00	32.68 0.49 0.00	24.21 0.21 0.00	28.62 0.20 0.00	26.10 0.17 0.00	31.12 0.25 0.00	23.94 0.09 0.00
MILLIKEN___2 23585	24.16 0.20 0.00	24.19 0.24 0.00	23.22 0.20 0.00	24.05 0.23 0.00	22.11 0.18 0.00	24.95 0.21 0.00	25.77 0.35 0.00	26.14 0.36 0.00	25.42 0.38 0.00	25.48 0.28 0.00	27.82 0.24 0.00	28.44 0.21 0.00	37.96 0.16 0.00	29.82 0.15 0.00	25.47 0.06 0.00	28.15 0.07 0.00	31.04 0.18 0.00	31.77 0.41 0.00	32.68 0.49 0.00	24.21 0.21 0.00	28.62 0.20 0.00	26.10 0.17 0.00	31.12 0.25 0.00	23.94 0.09 0.00



MILLIKEN___DIESEL 23629	24.16 0.20 0.00	24.19 0.24 0.00	23.22 0.20 0.00	24.05 0.23 0.00	22.11 0.18 0.00	24.95 0.21 0.00	25.77 0.35 0.00	26.14 0.36 0.00	25.42 0.38 0.00	25.48 0.28 0.00	27.82 0.24 0.00	28.44 0.21 0.00	37.96 0.16 0.00	29.82 0.15 0.00	25.47 0.06 0.00	28.15 0.07 0.00	31.04 0.18 0.00	31.77 0.41 0.00	32.68 0.49 0.00	24.21 0.21 0.00	28.62 0.20 0.00	26.10 0.17 0.00	31.12 0.25 0.00	23.94 0.09 0.00
MILLSEAT___LFGE 323607	23.22 -0.74 0.00	23.36 -0.59 0.00	22.44 -0.59 0.00	23.15 -0.67 0.00	21.44 -0.48 0.00	24.20 -0.53 0.00	24.69 -0.73 0.00	24.87 -0.91 0.00	24.23 -0.81 0.00	24.09 -1.10 0.00	26.02 -1.56 0.00	26.54 -1.68 0.00	35.37 -2.42 0.00	27.90 -1.76 0.00	23.74 -1.67 0.00	26.04 -2.03 0.00	28.70 -2.16 0.00	29.87 -1.49 0.00	30.55 -1.63 0.00	22.32 -1.68 0.00	26.67 -1.75 0.00	24.01 -1.92 0.00	28.74 -2.13 0.00	22.09 -1.76 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.00 1.03 0.00	25.01 1.06 0.00	23.93 0.90 0.00	24.81 0.99 0.00	22.85 0.92 0.00	25.82 1.09 0.00	26.90 1.49 0.00	27.38 1.60 0.00	26.40 1.36 0.00	26.56 1.36 0.00	29.08 1.50 0.00	29.72 1.49 0.00	39.70 1.91 0.00	31.15 1.48 0.00	26.75 1.34 0.00	29.62 1.55 0.00	32.62 1.76 0.00	33.53 2.17 0.00	34.33 2.15 0.00	25.46 1.46 0.00	30.12 1.69 0.00	27.40 1.47 0.00	32.49 1.63 0.00	25.04 1.19 0.00
MILLWOOD_13_KV_LOAD 356217	25.05 1.08 0.00	25.06 1.11 0.00	23.97 0.95 0.00	24.85 1.04 0.00	22.90 0.97 0.00	25.88 1.14 0.00	26.96 1.55 0.00	27.45 1.67 0.00	26.46 1.42 0.00	26.63 1.43 0.00	29.16 1.58 0.00	29.80 1.57 0.00	39.80 2.01 0.00	31.21 1.55 0.00	26.81 1.40 0.00	29.70 1.63 0.00	32.70 1.85 0.00	33.63 2.27 0.00	34.43 2.25 0.00	25.53 1.53 0.00	30.19 1.77 0.00	27.46 1.53 0.00	32.57 1.71 0.00	25.09 1.24 0.00
MODEL_CITY_ENERGY 24167	22.48 -1.48 0.00	22.65 -1.31 0.00	21.77 -1.26 0.00	22.45 -1.37 0.00	20.80 -1.13 0.00	23.45 -1.29 0.00	23.81 -1.60 0.00	23.91 -1.87 0.00	23.29 -1.75 0.00	23.15 -2.05 0.00	24.96 -2.62 0.00	25.46 -2.77 0.00	33.91 -3.88 0.00	26.77 -2.90 0.00	22.77 -2.63 0.00	24.99 -3.08 0.00	27.53 -3.32 0.00	28.64 -2.72 0.00	29.24 -2.94 0.00	21.36 -2.64 0.00	25.59 -2.84 0.00	23.04 -2.89 0.00	27.63 -3.23 0.00	21.29 -2.56 0.00
MODERN_LFGE___ 323580	22.48 -1.48 0.00	22.65 -1.31 0.00	21.77 -1.26 0.00	22.45 -1.37 0.00	20.80 -1.13 0.00	23.45 -1.29 0.00	23.81 -1.60 0.00	23.91 -1.87 0.00	23.29 -1.75 0.00	23.15 -2.05 0.00	24.96 -2.62 0.00	25.46 -2.77 0.00	33.91 -3.88 0.00	26.77 -2.90 0.00	22.77 -2.63 0.00	24.99 -3.08 0.00	27.53 -3.32 0.00	28.64 -2.72 0.00	29.24 -2.94 0.00	21.36 -2.64 0.00	25.59 -2.84 0.00	23.04 -2.89 0.00	27.63 -3.23 0.00	21.29 -2.56 0.00
MOHAWK_PAPER___DRP 24187	24.59 0.63 0.00	24.64 0.68 0.00	23.65 0.62 0.00	24.49 0.68 0.00	22.57 0.64 0.00	25.53 0.79 0.00	26.49 1.08 0.00	26.94 1.16 0.00	26.08 1.04 0.00	26.23 1.03 0.00	28.70 1.12 0.00	29.33 1.10 0.00	39.17 1.38 0.00	30.73 1.06 0.00	26.40 0.99 0.00	29.15 1.08 0.00	31.94 1.09 0.00	32.67 1.32 0.00	33.41 1.23 0.00	24.89 0.89 0.00	29.47 1.04 0.00	26.81 0.88 0.00	31.79 0.92 0.00	24.63 0.77 0.00
MOHICAN__35_KV_115KV_LD 80490	25.05 1.09 0.00	25.12 1.16 0.00	24.11 1.08 0.00	24.96 1.14 0.00	23.02 1.10 0.00	26.17 1.44 0.00	27.20 1.79 0.00	27.68 1.91 0.00	26.83 1.79 0.00	26.95 1.76 0.00	29.46 1.88 0.00	30.26 2.04 0.00	40.45 2.66 0.00	31.53 1.86 0.00	26.98 1.58 0.00	29.80 1.73 0.00	32.64 1.79 0.00	33.22 1.87 0.00	33.86 1.68 0.00	25.26 1.26 0.00	29.82 1.40 0.00	27.17 1.23 0.00	32.44 1.57 0.00	25.15 1.30 0.00
MONGAUP___HYD 23641	24.98 1.02 0.00	24.97 1.02 0.00	23.98 0.96 0.00	24.81 0.99 0.00	22.89 0.96 0.00	25.90 1.17 0.00	26.82 1.40 0.00	27.26 1.48 0.00	26.42 1.38 0.00	26.56 1.37 0.00	28.89 1.31 0.00	29.49 1.26 0.00	39.34 1.55 0.00	30.69 1.03 0.00	26.36 0.95 0.00	29.24 1.17 0.00	32.20 1.35 0.00	33.13 1.78 0.00	34.03 1.85 0.00	25.51 1.51 0.00	30.20 1.77 0.00	27.46 1.53 0.00	32.45 1.58 0.00	25.06 1.21 0.00
MONTAUK___DIESEL 23721	25.74 1.78 0.00	41.51 2.07 -15.49	24.91 1.88 0.00	29.09 2.11 -3.17	24.61 1.93 -0.75	26.91 2.18 0.00	28.20 2.78 0.00	28.49 2.72 0.00	27.38 2.34 0.00	27.57 2.37 0.00	30.66 2.64 -0.44	44.14 2.65 -13.26	41.66 3.36 -0.51	45.47 2.87 -12.93	28.97 2.51 -1.04	30.85 2.78 0.00	33.96 3.11 0.00	35.26 3.90 0.00	35.87 3.69 0.00	26.51 2.51 0.00	31.38 2.96 0.00	28.45 2.52 0.00	33.71 2.84 0.00	26.66 2.22 -0.59
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.41 -1.56 0.00	22.58 -1.37 0.00	21.89 -1.14 0.00	22.31 -1.51 0.00	20.71 -1.22 0.00	23.56 -1.18 0.00	24.09 -1.32 0.00	24.60 -1.18 0.00	23.95 -1.10 0.00	23.88 -1.32 0.00	25.74 -1.84 0.00	26.35 -1.88 0.00	35.16 -2.63 0.00	27.63 -2.04 0.00	23.68 -1.72 0.00	26.34 -1.73 0.00	28.86 -2.00 0.00	29.78 -1.58 0.00	30.44 -1.74 0.00	22.12 -1.88 0.00	26.40 -2.02 0.00	23.99 -1.95 0.00	28.79 -2.07 0.00	21.91 -1.94 0.00
MORTIMER_115KV_TB3 55949	23.35 -0.61 0.00	23.45 -0.51 0.00	22.52 -0.51 0.00	23.26 -0.55 0.00	21.53 -0.40 0.00	24.23 -0.50 0.00	24.76 -0.65 0.00	24.97 -0.81 0.00	24.29 -0.75 0.00	24.22 -0.97 0.00	26.29 -1.28 0.00	26.84 -1.39 0.00	35.77 -2.02 0.00	28.21 -1.46 0.00	24.03 -1.38 0.00	26.41 -1.67 0.00	29.11 -1.75 0.00	30.18 -1.17 0.00	30.91 -1.27 0.00	22.66 -1.34 0.00	27.00 -1.43 0.00	24.42 -1.51 0.00	29.18 -1.69 0.00	22.44 -1.41 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.13 1.17 0.00	25.14 1.18 0.00	24.03 1.01 0.00	24.92 1.11 0.00	22.96 1.03 0.00	25.95 1.22 0.00	27.07 1.66 0.00	27.57 1.80 0.00	26.58 1.54 0.00	26.74 1.55 0.00	29.28 1.70 0.00	29.92 1.70 0.00	39.98 2.18 0.00	31.37 1.71 0.00	26.94 1.53 0.00	29.84 1.77 0.00	32.86 2.01 0.00	33.79 2.43 0.00	34.61 2.42 0.00	25.66 1.66 0.00	30.32 1.90 0.00	27.56 1.63 0.00	32.68 1.81 0.00	25.17 1.32 0.00
MUNSVILLE_WIND_PWR 323609	24.82 0.86 0.00	24.78 0.83 0.00	23.78 0.76 0.00	24.76 0.95 0.00	22.71 0.78 0.00	25.61 0.88 0.00	26.62 1.20 0.00	27.18 1.41 0.00	26.56 1.52 0.00	26.79 1.60 0.00	29.37 1.79 0.00	30.25 2.02 0.00	40.56 2.76 0.00	31.72 2.06 0.00	26.87 1.46 0.00	29.38 1.31 0.00	32.56 1.71 0.00	33.58 2.22 0.00	34.58 2.39 0.00	25.45 1.45 0.00	30.09 1.66 0.00	27.31 1.38 0.00	32.62 1.76 0.00	24.93 1.09 0.00
N SALMON___HYD 24042	24.74 0.78 0.00	24.51 0.56 0.00	23.59 0.56 0.00	24.30 0.48 0.00	22.31 0.38 0.00	24.97 0.24 0.00	25.37 -0.04 0.00	25.96 0.18 0.00	25.52 0.47 0.00	26.03 0.83 0.00	28.78 1.20 0.00	29.61 1.38 0.00	39.91 2.12 0.00	31.31 1.65 0.00	26.49 1.08 0.00	28.78 0.71 0.00	31.21 0.36 0.00	31.40 0.04 0.00	32.23 0.05 0.00	24.37 0.37 0.00	28.73 0.31 0.00	32.34 -0.11 -6.52	33.50 -0.27 -2.91	23.82 -0.02 0.00



N.AKRON__115KV_KNAPP 355671	23.07 -0.89 0.00	23.24 -0.72 0.00	22.32 -0.71 0.00	23.03 -0.78 0.00	21.37 -0.56 0.00	24.06 -0.67 0.00	24.53 -0.89 0.00	24.66 -1.11 0.00	24.05 -0.99 0.00	23.93 -1.26 0.00	25.85 -1.73 0.00	26.38 -1.85 0.00	35.09 -2.70 0.00	27.70 -1.97 0.00	23.55 -1.86 0.00	25.82 -2.25 0.00	28.47 -2.39 0.00	29.60 -1.76 0.00	30.29 -1.89 0.00	22.13 -1.87 0.00	26.44 -1.99 0.00	23.83 -2.11 0.00	28.53 -2.34 0.00	21.94 -1.91 0.00
N.BELMOR_69_KV_BK1 55787	25.46 1.50 0.00	41.02 1.57 -15.49	24.41 1.39 0.00	28.49 1.51 -3.17	24.06 1.38 -0.75	26.32 1.58 0.00	27.42 2.01 0.00	27.85 2.07 0.00	26.86 1.82 0.00	27.04 1.85 0.00	30.14 2.13 -0.44	43.61 2.12 -13.26	40.97 2.68 -0.51	44.76 2.16 -12.93	28.35 1.90 -1.04	30.18 2.11 0.00	33.13 2.28 0.00	34.19 2.83 0.00	34.95 2.76 0.00	25.92 1.92 0.00	30.73 2.31 0.00	27.93 2.00 0.00	33.11 2.24 0.00	26.12 1.68 -0.59
N.E_GEN_SANDY PD 24062	24.77 0.81 0.00	24.80 0.85 0.00	23.77 0.75 0.00	24.63 0.82 0.00	22.71 0.78 0.00	25.67 0.93 0.00	26.68 1.27 0.00	27.15 1.37 0.00	26.24 1.20 0.00	26.40 1.20 0.00	28.90 1.32 0.00	29.53 1.30 0.00	39.43 1.64 0.00	30.94 1.28 0.00	26.87 1.17 -0.29	29.39 1.32 0.00	32.28 1.43 0.00	33.51 1.72 -0.43	33.80 1.62 0.00	25.14 1.14 0.00	29.77 1.35 0.00	27.33 1.16 -0.24	31.76 1.25 0.35	25.40 0.99 -0.56
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.96 1.00 0.00	24.98 1.02 0.00	23.89 0.86 0.00	24.77 0.96 0.00	22.81 0.88 0.00	25.77 1.03 0.00	26.82 1.41 0.00	27.27 1.49 0.00	26.28 1.24 0.00	26.43 1.24 0.00	28.95 1.37 0.00	29.58 1.35 0.00	39.51 1.72 0.00	31.00 1.34 0.00	26.63 1.22 0.00	29.50 1.42 0.00	32.49 1.64 0.00	33.41 2.05 0.00	34.22 2.04 0.00	25.37 1.37 0.00	30.04 1.61 0.00	27.37 1.44 0.00	32.48 1.61 0.00	25.01 1.16 0.00
N.QUEENS_27_KV_LOAD 356247	25.04 1.08 0.00	25.05 1.09 0.00	23.93 0.91 0.00	24.80 0.98 0.00	22.85 0.92 0.00	25.86 1.13 0.00	27.03 1.62 0.00	27.60 1.82 0.00	26.61 1.57 0.00	26.76 1.56 0.00	29.28 1.70 0.00	29.90 1.67 0.00	39.96 2.17 0.00	31.36 1.69 0.00	26.96 1.55 0.00	29.82 1.75 0.00	32.83 1.98 0.00	33.75 2.40 0.00	34.54 2.36 0.01	25.65 1.66 0.00	30.33 1.91 0.00	27.54 1.61 0.00	32.64 1.78 0.00	25.13 1.28 0.00
N.TROY___115KV_TB1 355778	24.64 0.68 0.00	24.69 0.73 0.00	23.69 0.67 0.00	24.54 0.72 0.00	22.62 0.69 0.00	25.59 0.86 0.00	26.57 1.16 0.00	27.00 1.22 0.00	26.15 1.11 0.00	26.27 1.08 0.00	28.74 1.16 0.00	29.39 1.16 0.00	39.25 1.46 0.00	30.79 1.13 0.00	26.43 1.03 0.00	29.22 1.15 0.00	32.02 1.17 0.00	32.71 1.35 0.00	33.44 1.26 0.00	24.92 0.92 0.00	29.53 1.11 0.00	26.87 0.93 0.00	31.89 1.02 0.00	24.72 0.87 0.00
NARROWS_GT1_1 24228	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT1_2 24229	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT1_3 24230	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT1_4 24231	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT1_5 24232	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT1_6 24233	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT1_7 24234	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT1_8 24235	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT2_1 24236	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00



NARROWS_GT2_2 24237	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT2_3 24238	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT2_4 24239	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT2_5 24240	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT2_6 24241	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT2_7 24242	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NARROWS_GT2_8 24243	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.07 1.11 0.00	25.11 1.15 0.00	24.11 1.09 0.00	24.96 1.15 0.00	23.02 1.09 0.00	26.12 1.39 0.00	27.18 1.77 0.00	27.70 1.93 0.00	26.89 1.85 0.00	27.00 1.80 0.00	29.47 1.90 0.00	30.03 1.80 0.00	39.87 2.08 0.00	31.11 1.45 0.00	26.84 1.44 0.00	29.81 1.74 0.00	32.79 1.93 0.00	33.66 2.30 0.00	34.42 2.24 0.00	25.62 1.62 0.00	30.30 1.88 0.00	27.50 1.57 0.00	32.55 1.69 0.00	25.17 1.32 0.00
NCHELSEA_115KV_TR2 355582	25.16 1.20 0.00	25.17 1.21 0.00	24.10 1.07 0.00	24.98 1.17 0.00	23.01 1.08 0.00	26.02 1.28 0.00	27.11 1.70 0.00	27.61 1.83 0.00	26.65 1.61 0.00	26.81 1.61 0.00	29.35 1.77 0.00	29.99 1.76 0.00	40.03 2.24 0.00	31.34 1.68 0.00	26.91 1.50 0.00	29.82 1.75 0.00	32.86 2.01 0.00	33.78 2.42 0.00	34.59 2.41 0.00	25.66 1.66 0.00	30.34 1.92 0.00	27.59 1.65 0.00	32.71 1.84 0.00	25.20 1.34 0.00
NEG CAPITAL___MECHNVIL 23645	24.99 1.03 0.00	25.02 1.07 0.00	24.02 0.99 0.00	24.89 1.07 0.00	22.92 1.00 0.00	25.94 1.21 0.00	26.95 1.54 0.00	27.46 1.68 0.00	26.59 1.55 0.00	26.67 1.48 0.00	29.19 1.62 0.00	29.93 1.69 0.00	39.96 2.17 0.00	31.26 1.60 0.00	26.86 1.45 0.00	29.68 1.60 0.00	32.55 1.70 0.00	33.19 1.83 0.00	33.91 1.73 0.00	25.24 1.25 0.00	29.86 1.44 0.00	27.17 1.24 0.00	32.28 1.42 0.00	25.00 1.15 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.96 -1.00 0.00	23.04 -0.92 0.00	22.12 -0.90 0.00	22.87 -0.95 0.00	21.10 -0.83 0.00	23.80 -0.93 0.00	24.37 -1.04 0.00	24.61 -1.17 0.00	23.94 -1.10 0.00	23.89 -1.31 0.00	25.96 -1.62 0.00	26.52 -1.70 0.00	35.38 -2.41 0.00	27.87 -1.79 0.00	23.78 -1.63 0.00	26.19 -1.89 0.00	28.83 -2.02 0.00	29.80 -1.56 0.00	30.51 -1.67 0.00	22.43 -1.56 0.00	26.67 -1.75 0.00	24.17 -1.76 0.00	28.85 -2.01 0.00	22.20 -1.65 0.00
NEG CENTRAL___DRP 24199	23.59 -0.37 0.00	23.64 -0.31 0.00	22.69 -0.34 0.00	23.49 -0.33 0.00	21.64 -0.28 0.00	24.44 -0.30 0.00	25.16 -0.25 0.00	25.49 -0.29 0.00	24.79 -0.25 0.00	24.81 -0.39 0.00	27.04 -0.54 0.00	27.64 -0.59 0.00	36.83 -0.96 0.00	29.00 -0.66 0.00	24.76 -0.65 0.00	27.35 -0.72 0.00	30.13 -0.72 0.00	30.92 -0.44 0.00	31.82 -0.36 0.00	23.50 -0.50 0.00	27.80 -0.63 0.00	25.33 -0.61 0.00	30.21 -0.65 0.00	23.23 -0.62 0.00
NEG CENTRAL___INDECK 23768	23.46 -0.50 0.00	23.59 -0.36 0.00	22.65 -0.37 0.00	23.32 -0.49 0.00	21.52 -0.41 0.00	24.37 -0.36 0.00	25.08 -0.33 0.00	25.40 -0.38 0.00	24.84 -0.21 0.00	24.63 -0.57 0.00	26.66 -0.92 0.00	27.30 -0.93 0.00	36.33 -1.46 0.00	28.57 -1.10 0.00	24.27 -1.14 0.00	26.81 -1.27 0.00	29.47 -1.38 0.00	30.75 -0.61 0.00	31.75 -0.43 0.00	23.20 -0.80 0.00	27.53 -0.89 0.00	24.83 -1.10 0.00	29.61 -1.25 0.00	22.68 -1.17 0.00
NEG CENTRAL___SENECA 23627	23.56 -0.40 0.00	23.62 -0.33 0.00	22.66 -0.36 0.00	23.47 -0.35 0.00	21.65 -0.27 0.00	24.47 -0.27 0.00	25.18 -0.23 0.00	25.51 -0.26 0.00	24.83 -0.21 0.00	24.80 -0.39 0.00	27.01 -0.57 0.00	27.61 -0.62 0.00	36.75 -1.05 0.00	28.98 -0.69 0.00	24.69 -0.72 0.00	27.28 -0.80 0.00	30.04 -0.81 0.00	30.90 -0.46 0.00	31.86 -0.32 0.00	23.44 -0.56 0.00	27.74 -0.68 0.00	25.23 -0.70 0.00	30.11 -0.76 0.00	23.10 -0.75 0.00
NEG CENTRAL___STATE_STREET 24147	23.83 -0.13 0.00	23.87 -0.08 0.00	22.93 -0.09 0.00	23.72 -0.09 0.00	21.83 -0.10 0.00	24.62 -0.12 0.00	25.35 -0.06 0.00	25.73 -0.05 0.00	24.95 -0.09 0.00	25.05 -0.15 0.00	27.35 -0.23 0.00	27.92 -0.31 0.00	37.27 -0.52 0.00	29.27 -0.40 0.00	25.03 -0.38 0.00	27.67 -0.41 0.00	30.61 -0.24 0.00	31.37 0.01 0.00	32.10 -0.09 0.00	23.81 -0.19 0.00	28.11 -0.31 0.00	25.65 -0.28 0.00	30.59 -0.28 0.00	23.58 -0.27 0.00



NEG MILLWOOD___DRP 24198	25.24 1.28 0.00	25.26 1.30 0.00	24.17 1.14 0.00	25.05 1.24 0.00	23.08 1.16 0.00	26.11 1.37 0.00	27.23 1.81 0.00	27.74 1.96 0.00	26.77 1.73 0.00	26.92 1.73 0.00	29.47 1.89 0.00	30.12 1.89 0.00	40.20 2.41 0.00	31.50 1.84 0.00	27.04 1.63 0.00	29.95 1.88 0.00	32.99 2.14 0.00	33.94 2.58 0.00	34.76 2.58 0.00	25.78 1.78 0.00	30.48 2.06 0.00	27.70 1.77 0.00	32.82 1.96 0.00	25.28 1.43 0.00
NEG NORTH_FLCN_SEA 23793	24.96 1.00 0.00	24.67 0.72 0.00	23.67 0.65 0.00	24.39 0.57 0.00	22.35 0.42 0.00	24.92 0.18 0.00	25.27 -0.14 0.00	25.94 0.16 0.00	25.43 0.39 0.00	26.04 0.85 0.00	28.90 1.32 0.00	29.76 1.53 0.00	40.27 2.49 0.00	31.62 1.95 0.00	26.63 1.22 0.00	28.86 0.79 0.00	31.10 0.25 0.00	31.36 0.00 0.00	32.07 -0.11 0.00	24.38 0.39 0.00	28.76 0.33 0.00	16.07 -0.26 9.60	26.05 -0.53 4.28	23.70 -0.15 0.00
NEG NORTH_KES_CHATEGAY 23792	24.59 0.63 0.00	24.35 0.40 0.00	23.42 0.39 0.00	24.10 0.29 0.00	22.11 0.18 0.00	24.66 -0.08 0.00	24.99 -0.42 0.00	25.62 -0.15 0.00	25.18 0.14 0.00	25.77 0.58 0.00	28.55 0.98 0.00	29.40 1.17 0.00	39.66 1.87 0.00	31.11 1.45 0.00	26.29 0.88 0.00	28.48 0.41 0.00	30.74 -0.11 0.00	30.93 -0.43 0.00	31.75 -0.43 0.00	24.09 0.10 0.00	28.40 -0.03 0.00	15.21 -0.51 10.22	25.53 -0.78 4.56	23.52 -0.32 0.00
NEG NORTH___ALICE_FALLS 23915	24.98 1.02 0.00	24.69 0.74 0.00	23.71 0.68 0.00	24.42 0.60 0.00	22.38 0.45 0.00	24.96 0.22 0.00	25.34 -0.07 0.00	26.01 0.23 0.00	25.50 0.46 0.00	26.10 0.91 0.00	28.96 1.38 0.00	29.82 1.59 0.00	40.31 2.52 0.00	31.63 1.96 0.00	26.66 1.25 0.00	28.90 0.82 0.00	31.16 0.31 0.00	31.42 0.06 0.00	32.16 -0.02 0.00	24.43 0.43 0.00	28.79 0.37 0.00	16.01 -0.23 9.69	26.05 -0.49 4.32	23.73 -0.11 0.00
NEG NORTH___LWR_SARANAC 23913	24.98 1.02 0.00	24.69 0.74 0.00	23.71 0.68 0.00	24.42 0.60 0.00	22.38 0.45 0.00	24.96 0.22 0.00	25.34 -0.07 0.00	26.01 0.23 0.00	25.50 0.46 0.00	26.10 0.91 0.00	28.96 1.38 0.00	29.82 1.59 0.00	40.31 2.52 0.00	31.63 1.96 0.00	26.66 1.25 0.00	28.90 0.82 0.00	31.16 0.31 0.00	31.42 0.06 0.00	32.16 -0.02 0.00	24.43 0.43 0.00	28.79 0.37 0.00	16.01 -0.23 9.69	26.05 -0.49 4.32	23.73 -0.11 0.00
NEG NORTH___PLATTSBURG 23628	24.98 1.02 0.00	24.69 0.74 0.00	23.71 0.68 0.00	24.41 0.60 0.00	22.38 0.45 0.00	24.96 0.22 0.00	25.34 -0.07 0.00	26.00 0.22 0.00	25.50 0.46 0.00	26.10 0.91 0.00	28.96 1.38 0.00	29.82 1.59 0.00	40.30 2.51 0.00	31.63 1.96 0.00	26.66 1.25 0.00	28.89 0.82 0.00	31.16 0.31 0.00	31.42 0.06 0.00	32.16 -0.02 0.00	24.43 0.43 0.00	28.79 0.37 0.00	16.01 -0.23 9.69	26.05 -0.49 4.32	23.73 -0.11 0.00
NEG WEST_LEA_LOCKPORT 23791	22.67 -1.29 0.00	22.85 -1.11 0.00	21.95 -1.07 0.00	22.65 -1.17 0.00	21.02 -0.91 0.00	23.64 -1.09 0.00	24.04 -1.37 0.00	24.13 -1.65 0.00	23.53 -1.52 0.00	23.40 -1.80 0.00	25.26 -2.32 0.00	25.78 -2.45 0.00	34.29 -3.50 0.00	27.07 -2.60 0.00	23.01 -2.39 0.00	25.26 -2.82 0.00	27.83 -3.02 0.00	28.96 -2.40 0.00	29.62 -2.56 0.00	21.63 -2.37 0.00	25.87 -2.56 0.00	23.33 -2.61 0.00	27.96 -2.91 0.00	21.52 -2.33 0.00
NEG WEST___LANCASTR 23811	23.36 -0.61 0.00	23.50 -0.45 0.00	22.56 -0.46 0.00	23.32 -0.49 0.00	21.57 -0.36 0.00	24.29 -0.45 0.00	24.82 -0.59 0.00	25.00 -0.78 0.00	24.34 -0.71 0.00	24.22 -0.98 0.00	26.25 -1.33 0.00	26.83 -1.40 0.00	35.73 -2.06 0.00	28.16 -1.50 0.00	23.94 -1.47 0.00	26.36 -1.71 0.00	29.01 -1.85 0.00	30.13 -1.23 0.00	30.95 -1.23 0.00	22.60 -1.40 0.00	26.96 -1.46 0.00	24.40 -1.53 0.00	29.27 -1.60 0.00	22.41 -1.44 0.00
NEG_PENN_ALLEGHNY 23528	23.91 -0.05 0.00	23.94 -0.02 0.00	22.96 -0.06 0.00	23.80 -0.02 0.00	21.85 -0.07 0.00	24.67 -0.06 0.00	25.49 0.08 0.00	25.88 0.10 0.00	25.03 -0.01 0.00	25.10 -0.10 0.00	27.44 -0.14 0.00	28.06 -0.17 0.00	37.58 -0.21 0.00	29.48 -0.19 0.00	25.17 -0.23 0.00	27.83 -0.24 0.00	30.64 -0.21 0.00	31.48 0.12 0.00	32.38 0.20 0.00	23.92 -0.08 0.00	28.32 -0.10 0.00	25.84 -0.09 0.00	30.85 -0.02 0.00	23.69 -0.16 0.00
NEG___GEN_MONROE 24207	23.49 -0.47 0.00	23.63 -0.33 0.00	22.68 -0.34 0.00	23.44 -0.38 0.00	21.71 -0.22 0.00	24.44 -0.29 0.00	25.01 -0.41 0.00	25.14 -0.64 0.00	24.46 -0.58 0.00	24.38 -0.82 0.00	26.46 -1.12 0.00	27.01 -1.22 0.00	35.97 -1.82 0.00	28.38 -1.29 0.00	24.15 -1.26 0.00	26.53 -1.54 0.00	29.28 -1.58 0.00	30.41 -0.95 0.00	31.11 -1.08 0.00	22.79 -1.21 0.00	27.15 -1.27 0.00	24.53 -1.40 0.00	29.31 -1.55 0.00	22.53 -1.32 0.00
NEPA___ENERGY 23901	23.11 -0.85 0.00	23.21 -0.75 0.00	22.22 -0.80 0.00	23.03 -0.78 0.00	21.21 -0.72 0.00	23.97 -0.77 0.00	24.59 -0.83 0.00	24.89 -0.89 0.00	24.08 -0.96 0.00	24.02 -1.18 0.00	26.14 -1.44 0.00	26.71 -1.52 0.00	35.64 -2.15 0.00	28.03 -1.64 0.00	23.82 -1.58 0.00	26.32 -1.75 0.00	28.97 -1.88 0.00	30.05 -1.30 0.00	30.94 -1.24 0.00	22.51 -1.49 0.00	26.79 -1.64 0.00	24.36 -1.57 0.00	29.31 -1.56 0.00	22.30 -1.55 0.00
NEVERSINK___HYD 23608	25.11 1.15 0.00	25.11 1.15 0.00	24.04 1.02 0.00	24.93 1.12 0.00	22.98 1.05 0.00	25.96 1.23 0.00	27.02 1.61 0.00	27.51 1.73 0.00	26.59 1.55 0.00	26.67 1.47 0.00	29.24 1.66 0.00	29.91 1.68 0.00	39.78 1.99 0.00	30.99 1.32 0.00	26.53 1.12 0.00	29.43 1.36 0.00	32.50 1.65 0.00	33.34 1.98 0.00	34.28 2.10 0.00	25.44 1.44 0.00	30.12 1.70 0.00	27.40 1.47 0.00	32.51 1.64 0.00	25.00 1.16 0.00
NEWKRMKL_115KV_TB1 55635	24.30 0.33 0.00	24.34 0.38 0.00	23.36 0.34 0.00	24.19 0.38 0.00	22.30 0.37 0.00	25.21 0.47 0.00	26.16 0.75 0.00	26.59 0.82 0.00	25.76 0.71 0.00	25.90 0.70 0.00	28.34 0.76 0.00	28.98 0.74 0.00	38.69 0.89 0.00	30.36 0.69 0.00	26.08 0.67 0.00	28.85 0.78 0.00	31.63 0.78 0.00	32.34 0.98 0.00	33.08 0.90 0.00	24.65 0.65 0.00	29.18 0.76 0.00	26.55 0.62 0.00	31.47 0.60 0.00	24.36 0.52 0.00
NEWTON___FALLS_HYD 23847	23.83 -0.13 0.00	23.56 -0.39 0.00	22.67 -0.36 0.00	23.55 -0.26 0.00	21.71 -0.22 0.00	24.36 -0.37 0.00	25.01 -0.41 0.00	25.45 -0.33 0.00	24.93 -0.12 0.00	25.24 0.05 0.00	27.59 0.01 0.00	28.17 -0.06 0.00	37.80 0.01 0.00	29.66 -0.01 0.00	25.20 -0.20 0.00	27.81 -0.26 0.00	30.88 0.03 0.00	31.21 -0.14 0.00	31.81 -0.37 0.00	23.56 -0.44 0.00	27.92 -0.50 0.00	26.47 -0.48 -1.03	30.85 -0.47 -0.46	23.36 -0.49 0.00
NGRID_A1_DSASP 323792	22.19 -1.77 0.00	22.36 -1.60 0.00	21.49 -1.54 0.00	22.17 -1.65 0.00	20.55 -1.38 0.00	23.14 -1.60 0.00	23.46 -1.96 0.00	23.52 -2.26 0.00	22.91 -2.13 0.00	22.77 -2.42 0.00	24.54 -3.04 0.00	25.02 -3.21 0.00	33.32 -4.47 0.00	26.30 -3.37 0.00	22.40 -3.01 0.00	24.57 -3.50 0.00	27.06 -3.80 0.00	28.23 -3.13 0.00	28.89 -3.29 0.00	21.10 -2.90 0.00	25.29 -3.13 0.00	22.88 -3.05 0.00	27.48 -3.38 0.00	21.17 -2.68 0.00



NGRID_A2_DSASP 323793	22.19 -1.77 0.00	22.36 -1.60 0.00	21.49 -1.54 0.00	22.17 -1.65 0.00	20.55 -1.38 0.00	23.14 -1.60 0.00	23.46 -1.96 0.00	23.52 -2.26 0.00	22.91 -2.13 0.00	22.77 -2.42 0.00	24.54 -3.04 0.00	25.02 -3.21 0.00	33.32 -4.47 0.00	26.30 -3.37 0.00	22.40 -3.01 0.00	24.57 -3.50 0.00	27.06 -3.80 0.00	28.23 -3.13 0.00	28.89 -3.29 0.00	21.10 -2.90 0.00	25.29 -3.13 0.00	22.88 -3.05 0.00	27.48 -3.38 0.00	21.17 -2.68 0.00
NGRID_A4_DSASP 323807	22.19 -1.77 0.00	22.36 -1.60 0.00	21.49 -1.54 0.00	22.17 -1.65 0.00	20.55 -1.38 0.00	23.14 -1.60 0.00	23.46 -1.96 0.00	23.52 -2.26 0.00	22.91 -2.13 0.00	22.77 -2.42 0.00	24.54 -3.04 0.00	25.02 -3.21 0.00	33.32 -4.47 0.00	26.30 -3.37 0.00	22.40 -3.01 0.00	24.57 -3.50 0.00	27.06 -3.80 0.00	28.23 -3.13 0.00	28.89 -3.29 0.00	21.10 -2.90 0.00	25.29 -3.13 0.00	22.88 -3.05 0.00	27.48 -3.38 0.00	21.17 -2.68 0.00
NIAGARA_115E_LBMP 323715	22.36 -1.60 0.00	22.53 -1.42 0.00	21.65 -1.37 0.00	22.33 -1.48 0.00	20.70 -1.23 0.00	23.33 -1.41 0.00	23.67 -1.75 0.00	23.75 -2.02 0.00	23.14 -1.90 0.00	22.99 -2.20 0.00	24.79 -2.79 0.00	25.28 -2.95 0.00	33.68 -4.11 0.00	26.58 -3.09 0.00	22.62 -2.79 0.00	24.82 -3.25 0.00	27.34 -3.51 0.00	28.43 -2.93 0.00	29.02 -3.16 0.00	21.20 -2.80 0.00	25.40 -3.03 0.00	22.87 -3.06 0.00	27.43 -3.44 0.00	21.15 -2.70 0.00
NIAGARA_115W_LBMP 323714	22.14 -1.83 0.00	22.30 -1.66 0.00	21.44 -1.59 0.00	22.11 -1.70 0.00	20.50 -1.43 0.00	23.09 -1.65 0.00	23.40 -2.02 0.00	23.46 -2.31 0.00	22.84 -2.20 0.00	22.71 -2.49 0.00	24.48 -3.10 0.00	24.95 -3.28 0.00	33.23 -4.56 0.00	26.23 -3.43 0.00	22.33 -3.07 0.00	24.51 -3.56 0.00	26.99 -3.86 0.00	28.16 -3.20 0.00	28.81 -3.38 0.00	21.05 -2.94 0.00	25.23 -3.20 0.00	22.83 -3.10 0.00	27.43 -3.44 0.00	21.13 -2.72 0.00
NIAGARA_230_LBMP 323716	22.45 -1.51 0.00	22.61 -1.34 0.00	21.74 -1.29 0.00	22.43 -1.39 0.00	20.77 -1.16 0.00	23.40 -1.34 0.00	23.75 -1.66 0.00	23.85 -1.93 0.00	23.23 -1.82 0.00	23.08 -2.12 0.00	24.90 -2.68 0.00	25.39 -2.84 0.00	33.84 -3.95 0.00	26.71 -2.96 0.00	22.73 -2.68 0.00	24.97 -3.11 0.00	27.48 -3.38 0.00	28.62 -2.74 0.00	29.29 -2.90 0.00	21.39 -2.60 0.00	25.62 -2.80 0.00	23.11 -2.82 0.00	27.73 -3.13 0.00	21.35 -2.50 0.00
NIAGARA__115KV_198_GIBSON 55903	22.13 -1.83 0.00	22.30 -1.66 0.00	21.43 -1.59 0.00	22.12 -1.69 0.00	20.55 -1.38 0.00	23.09 -1.65 0.00	23.41 -2.01 0.00	23.44 -2.34 0.00	22.85 -2.20 0.00	22.72 -2.48 0.00	24.50 -3.08 0.00	24.99 -3.24 0.00	33.23 -4.56 0.00	26.25 -3.42 0.00	22.34 -3.07 0.00	24.51 -3.56 0.00	27.00 -3.85 0.00	28.15 -3.21 0.00	28.81 -3.37 0.00	21.06 -2.94 0.00	25.22 -3.21 0.00	22.83 -3.10 0.00	27.43 -3.43 0.00	21.13 -2.72 0.00
NIAGARA____ 23760	22.45 -1.51 0.00	22.61 -1.34 0.00	21.74 -1.29 0.00	22.43 -1.39 0.00	20.77 -1.16 0.00	23.40 -1.34 0.00	23.75 -1.66 0.00	23.85 -1.93 0.00	23.23 -1.82 0.00	23.08 -2.12 0.00	24.90 -2.68 0.00	25.39 -2.84 0.00	33.84 -3.95 0.00	26.71 -2.96 0.00	22.73 -2.68 0.00	24.97 -3.11 0.00	27.48 -3.38 0.00	28.62 -2.74 0.00	29.29 -2.90 0.00	21.39 -2.60 0.00	25.62 -2.80 0.00	23.11 -2.82 0.00	27.73 -3.13 0.00	21.35 -2.50 0.00
NINE_MILE_1 23575	23.25 -0.71 0.00	23.26 -0.69 0.00	22.36 -0.67 0.00	23.13 -0.69 0.00	21.28 -0.65 0.00	23.94 -0.79 0.00	24.57 -0.84 0.00	24.83 -0.95 0.00	24.12 -0.92 0.00	24.22 -0.97 0.00	26.48 -1.10 0.00	27.09 -1.14 0.00	36.23 -1.56 0.00	28.45 -1.22 0.00	24.35 -1.05 0.00	26.91 -1.16 0.00	29.60 -1.25 0.00	30.21 -1.15 0.00	30.99 -1.19 0.00	23.04 -0.96 0.00	27.30 -1.12 0.00	25.01 -0.92 0.00	29.87 -1.00 0.00	23.09 -0.76 0.00
NINE_MILE_2 23744	23.26 -0.70 0.00	23.27 -0.69 0.00	22.36 -0.67 0.00	23.13 -0.69 0.00	21.28 -0.65 0.00	23.95 -0.79 0.00	24.57 -0.84 0.00	24.83 -0.95 0.00	24.12 -0.92 0.00	24.22 -0.97 0.00	26.48 -1.10 0.00	27.09 -1.14 0.00	36.23 -1.56 0.00	28.45 -1.21 0.00	24.36 -1.05 0.00	26.92 -1.16 0.00	29.61 -1.25 0.00	30.21 -1.15 0.00	30.99 -1.19 0.00	23.04 -0.96 0.00	27.30 -1.12 0.00	25.01 -0.92 0.00	29.87 -1.00 0.00	23.09 -0.75 0.00
NM_CAPITAL____DRP 24208	24.28 0.31 0.00	24.32 0.36 0.00	23.34 0.32 0.00	24.17 0.36 0.00	22.28 0.35 0.00	25.19 0.46 0.00	26.13 0.72 0.00	26.56 0.79 0.00	25.71 0.67 0.00	25.86 0.66 0.00	28.30 0.71 0.00	28.93 0.70 0.00	38.62 0.83 0.00	30.30 0.64 0.00	26.04 0.63 0.00	28.87 0.80 0.00	31.67 0.82 0.00	32.39 1.03 0.00	33.12 0.94 0.00	24.68 0.68 0.00	29.24 0.82 0.00	26.60 0.67 0.00	31.53 0.67 0.00	24.44 0.59 0.00
NM_CENTRAL____DRP 24181	23.65 -0.31 0.00	23.67 -0.28 0.00	22.73 -0.29 0.00	23.53 -0.28 0.00	21.65 -0.28 0.00	24.37 -0.36 0.00	25.06 -0.36 0.00	25.35 -0.43 0.00	24.63 -0.41 0.00	24.73 -0.47 0.00	27.02 -0.56 0.00	27.65 -0.58 0.00	36.97 -0.82 0.00	29.04 -0.63 0.00	24.85 -0.56 0.00	27.47 -0.60 0.00	30.22 -0.63 0.00	30.87 -0.49 0.00	31.69 -0.50 0.00	23.51 -0.49 0.00	27.84 -0.58 0.00	25.48 -0.46 0.00	30.40 -0.46 0.00	23.47 -0.38 0.00
NM_FRONTIER____DRP 24179	22.13 -1.83 0.00	22.30 -1.66 0.00	21.43 -1.59 0.00	22.12 -1.69 0.00	20.55 -1.38 0.00	23.09 -1.65 0.00	23.41 -2.01 0.00	23.44 -2.34 0.00	22.85 -2.20 0.00	22.72 -2.48 0.00	24.50 -3.08 0.00	24.99 -3.24 0.00	33.23 -4.56 0.00	26.25 -3.42 0.00	22.34 -3.07 0.00	24.51 -3.56 0.00	27.00 -3.85 0.00	28.15 -3.21 0.00	28.81 -3.37 0.00	21.06 -2.94 0.00	25.22 -3.21 0.00	22.83 -3.10 0.00	27.43 -3.43 0.00	21.13 -2.72 0.00
NM_ST_REGIS____HYD 24053	24.39 0.43 0.00	24.21 0.26 0.00	23.33 0.30 0.00	24.07 0.25 0.00	22.16 0.23 0.00	24.94 0.20 0.00	25.40 -0.02 0.00	25.87 0.09 0.00	25.35 0.30 0.00	25.70 0.50 0.00	28.29 0.71 0.00	29.04 0.81 0.00	39.08 1.29 0.00	30.66 1.00 0.00	26.02 0.61 0.00	28.45 0.38 0.00	31.15 0.29 0.00	31.31 -0.05 0.00	32.11 -0.07 0.00	24.12 0.12 0.00	28.54 0.11 0.00	28.43 -0.02 -2.52	31.97 -0.02 -1.12	23.87 0.03 0.00
NORTHPORT____1 23551	25.26 1.30 0.00	40.87 1.43 -15.49	24.28 1.26 0.00	28.36 1.38 -3.17	23.95 1.27 -0.75	26.12 1.38 0.00	27.16 1.75 0.00	27.49 1.71 0.00	26.54 1.50 0.00	26.71 1.52 0.00	29.87 1.85 -0.44	43.36 1.87 -13.26	40.53 2.23 -0.51	44.52 1.92 -12.93	28.13 1.67 -1.04	29.92 1.85 0.00	32.77 1.92 0.00	33.78 2.42 0.00	34.50 2.31 0.00	25.62 1.62 0.00	30.28 1.86 0.00	27.60 1.66 0.00	32.73 1.87 0.00	25.91 1.47 -0.59
NORTHPORT____2 23552	25.26 1.30 0.00	40.87 1.43 -15.49	24.28 1.26 0.00	28.36 1.38 -3.17	23.95 1.27 -0.75	26.12 1.38 0.00	27.16 1.75 0.00	27.49 1.71 0.00	26.54 1.50 0.00	26.71 1.52 0.00	29.87 1.85 -0.44	43.36 1.87 -13.26	40.53 2.23 -0.51	44.52 1.92 -12.93	28.13 1.67 -1.04	29.92 1.85 0.00	32.77 1.92 0.00	33.78 2.42 0.00	34.50 2.31 0.00	25.62 1.62 0.00	30.28 1.86 0.00	27.60 1.66 0.00	32.73 1.87 0.00	25.91 1.47 -0.59



NORTHPORT___3 23553	25.20 1.24 0.00	40.76 1.31 -15.49	24.19 1.16 0.00	28.26 1.28 -3.17	23.85 1.17 -0.75	25.97 1.24 0.00	27.00 1.59 0.00	27.34 1.57 0.00	26.39 1.35 0.00	26.58 1.38 0.00	29.73 1.72 -0.44	43.22 1.72 -13.26	40.32 2.02 -0.51	44.30 1.70 -12.93	28.00 1.54 -1.04	29.75 1.68 0.00	32.62 1.77 0.00	33.61 2.25 0.00	34.32 2.14 0.00	25.49 1.50 0.00	30.15 1.73 0.00	27.45 1.51 0.00	32.56 1.70 0.00	25.77 1.34 -0.59
NORTHPORT___4 23650	25.20 1.24 0.00	40.76 1.31 -15.49	24.19 1.16 0.00	28.26 1.28 -3.17	23.85 1.17 -0.75	25.97 1.24 0.00	27.00 1.59 0.00	27.34 1.57 0.00	26.39 1.35 0.00	26.58 1.38 0.00	29.73 1.72 -0.44	43.22 1.72 -13.26	40.32 2.02 -0.51	44.30 1.70 -12.93	28.00 1.54 -1.04	29.75 1.68 0.00	32.62 1.77 0.00	33.61 2.25 0.00	34.32 2.14 0.00	25.49 1.50 0.00	30.15 1.73 0.00	27.45 1.51 0.00	32.56 1.70 0.00	25.77 1.34 -0.59
NORTHPORT___IC 23718	25.26 1.30 0.00	40.87 1.43 -15.49	24.28 1.26 0.00	28.36 1.38 -3.17	23.95 1.27 -0.75	26.12 1.38 0.00	27.16 1.75 0.00	27.49 1.71 0.00	26.54 1.50 0.00	26.71 1.52 0.00	29.87 1.85 -0.44	43.36 1.87 -13.26	40.53 2.23 -0.51	44.52 1.92 -12.93	28.13 1.67 -1.04	29.92 1.85 0.00	32.77 1.92 0.00	33.78 2.42 0.00	34.50 2.31 0.00	25.62 1.62 0.00	30.28 1.86 0.00	27.60 1.66 0.00	32.73 1.87 0.00	25.91 1.47 -0.59
NORTH___COUNTRY_ESR 323785	24.52 0.56 0.00	24.27 0.32 0.00	23.34 0.32 0.00	24.03 0.21 0.00	22.03 0.10 0.00	24.57 -0.16 0.00	24.89 -0.53 0.00	25.51 -0.27 0.00	25.08 0.04 0.00	25.68 0.48 0.00	28.46 0.88 0.00	29.31 1.08 0.00	39.53 1.74 0.00	31.02 1.35 0.00	26.20 0.80 0.00	28.38 0.31 0.00	30.64 -0.21 0.00	30.80 -0.56 0.00	31.61 -0.58 0.00	23.99 0.00 0.00	28.28 -0.15 0.00	15.09 -0.61 10.23	25.41 -0.89 4.56	23.43 -0.42 0.00
NPX_GEN_1385_PROXY 323591	24.60 0.64 0.00	40.23 0.78 -15.49	23.66 0.63 0.00	27.73 0.75 -3.17	23.36 0.68 -0.75	25.76 1.02 0.00	26.95 1.53 0.00	27.27 1.50 0.00	26.36 1.31 0.00	26.41 1.21 0.00	29.31 1.29 -0.44	43.01 1.52 -13.26	40.27 1.97 -0.51	44.49 1.89 -12.93	27.78 1.32 -1.04	29.83 1.76 0.00	32.12 1.27 0.00	32.88 1.52 0.00	33.55 1.37 0.00	25.29 1.30 0.00	29.77 1.35 0.00	27.32 1.39 0.00	35.99 1.48 -3.64	25.67 1.23 -0.59
NPX_GEN_CSC 323557	24.97 1.01 0.00	40.81 1.36 -15.49	24.24 1.21 0.00	28.38 1.40 -3.17	23.94 1.27 -0.75	26.10 1.37 0.00	27.35 1.93 0.00	27.45 1.67 0.00	26.49 1.45 0.00	26.55 1.35 0.00	29.61 1.59 -0.44	43.09 1.60 -13.26	40.23 1.93 -0.51	44.43 1.84 -12.93	28.07 1.62 -1.04	29.86 1.79 0.00	32.69 1.84 0.00	33.74 2.38 0.00	34.51 2.32 0.00	25.60 1.60 0.00	30.34 1.92 0.00	27.58 1.65 0.00	36.34 1.83 -3.64	25.95 1.51 -0.59
NSINS_S_GLNS_FALLS 23858	25.00 1.04 0.00	25.06 1.11 0.00	24.06 1.04 0.00	24.91 1.10 0.00	22.98 1.05 0.00	26.11 1.37 0.00	27.14 1.73 0.00	27.61 1.83 0.00	26.75 1.71 0.00	26.89 1.69 0.00	29.38 1.80 0.00	30.20 1.97 0.00	40.35 2.56 0.00	31.44 1.77 0.00	26.91 1.50 0.00	29.71 1.64 0.00	32.54 1.69 0.00	33.10 1.74 0.00	33.75 1.57 0.00	25.18 1.18 0.00	29.72 1.29 0.00	27.07 1.13 0.00	32.37 1.50 0.00	25.10 1.25 0.00
NUCOR_STEEL___DRP 24197	23.83 -0.13 0.00	23.86 -0.09 0.00	22.92 -0.10 0.00	23.72 -0.10 0.00	21.82 -0.11 0.00	24.60 -0.14 0.00	25.33 -0.08 0.00	25.64 -0.14 0.00	24.91 -0.13 0.00	24.97 -0.22 0.00	27.27 -0.30 0.00	27.88 -0.34 0.00	37.23 -0.56 0.00	29.25 -0.42 0.00	25.01 -0.39 0.00	27.65 -0.43 0.00	30.54 -0.31 0.00	31.17 -0.19 0.00	32.01 -0.17 0.00	23.81 -0.19 0.00	28.08 -0.34 0.00	25.63 -0.30 0.00	30.58 -0.29 0.00	23.58 -0.27 0.00
NUMBER_THREE_WT_PWR 323818	23.67 -0.29 0.00	23.27 -0.69 0.00	22.34 -0.68 0.00	23.38 -0.43 0.00	21.56 -0.37 0.00	24.07 -0.66 0.00	24.89 -0.52 0.00	25.32 -0.46 0.00	24.81 -0.23 0.00	25.16 -0.04 0.00	27.34 -0.24 0.00	27.78 -0.45 0.00	37.21 -0.58 0.00	29.21 -0.46 0.00	24.81 -0.60 0.00	27.63 -0.44 0.00	30.99 0.14 0.00	31.45 0.10 0.00	31.90 -0.28 0.00	23.34 -0.66 0.00	27.67 -0.75 0.00	25.71 -0.70 -0.47	30.41 -0.67 -0.21	23.08 -0.77 0.00
NYISO_LBMP_REFERENCE 24008	23.96 0.00 0.00	23.95 0.00 0.00	23.02 0.00 0.00	23.81 0.00 0.00	21.93 0.00 0.00	24.74 0.00 0.00	25.41 0.00 0.00	25.78 0.00 0.00	25.05 0.00 0.00	25.20 0.00 0.00	27.58 0.00 0.00	28.23 0.00 0.00	37.79 0.00 0.00	29.67 0.00 0.00	25.41 0.00 0.00	28.07 0.00 0.00	30.85 0.00 0.00	31.36 0.00 0.00	32.18 0.00 0.00	24.00 0.00 0.00	28.42 0.00 0.00	25.93 0.00 0.00	30.87 0.00 0.00	23.85 0.00 0.00
NYPA_BRENTWD___GT 24164	25.49 1.53 0.00	41.10 1.65 -15.49	24.49 1.47 0.00	28.59 1.61 -3.17	24.16 1.48 -0.75	26.38 1.65 0.00	27.51 2.10 0.00	27.85 2.07 0.00	26.89 1.85 0.00	27.08 1.88 0.00	30.24 2.22 -0.44	43.72 2.22 -13.26	41.01 2.71 -0.51	44.91 2.31 -12.93	28.45 2.00 -1.04	30.28 2.21 0.00	33.25 2.40 0.00	34.22 2.86 0.00	35.02 2.84 0.00	25.98 1.98 0.00	30.72 2.29 0.00	27.95 2.02 0.00	33.13 2.26 0.00	26.19 1.75 -0.59
NYPA_GOWANUS___GT5 24156	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NYPA_GOWANUS___GT6 24157	25.20 1.23 0.00	25.20 1.24 0.00	24.07 1.05 0.00	24.97 1.15 0.00	23.02 1.09 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.67 1.89 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.34 1.76 0.00	29.99 1.76 0.00	40.08 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.48 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00
NYPA_HARLEM__RVR__GT1 24160	25.02 1.06 0.00	25.04 1.08 0.00	23.92 0.90 0.00	24.80 0.99 0.00	22.87 0.94 0.00	25.85 1.11 0.00	27.00 1.59 0.00	27.56 1.78 0.00	26.58 1.53 0.00	26.73 1.53 0.00	29.25 1.67 0.00	29.88 1.65 0.00	39.90 2.11 0.00	31.32 1.65 0.00	26.92 1.52 0.00	29.79 1.71 0.00	32.79 1.94 0.00	33.72 2.36 0.00	34.51 2.33 0.00	25.62 1.62 0.00	30.28 1.85 0.00	27.52 1.58 0.00	32.60 1.73 0.00	25.11 1.26 0.00
NYPA_HARLEM__RVR__GT2 24161	25.02 1.06 0.00	25.04 1.08 0.00	23.92 0.90 0.00	24.80 0.99 0.00	22.87 0.94 0.00	25.85 1.11 0.00	27.00 1.59 0.00	27.56 1.78 0.00	26.58 1.53 0.00	26.73 1.53 0.00	29.25 1.67 0.00	29.88 1.65 0.00	39.90 2.11 0.00	31.32 1.65 0.00	26.92 1.52 0.00	29.79 1.71 0.00	32.79 1.94 0.00	33.72 2.36 0.00	34.51 2.33 0.00	25.62 1.62 0.00	30.28 1.85 0.00	27.52 1.58 0.00	32.60 1.73 0.00	25.11 1.26 0.00



NYPA_KENT____GT 24152	25.17 1.21 0.00	25.18 1.22 0.00	24.05 1.03 0.00	24.94 1.13 0.00	23.00 1.07 0.00	26.00 1.26 0.00	27.15 1.73 0.00	27.65 1.88 0.00	26.65 1.61 0.00	26.80 1.61 0.00	29.35 1.77 0.00	29.99 1.76 0.00	40.08 2.29 0.00	31.48 1.82 0.00	27.04 1.64 0.00	29.94 1.87 0.00	32.99 2.14 0.00	33.90 2.54 0.00	34.74 2.55 0.00	25.78 1.78 0.00	30.44 2.02 0.00	27.65 1.72 0.00	32.78 1.92 0.00	25.24 1.39 0.00
NYPA_POUCH1____GT 24155	25.23 1.26 0.00	25.23 1.27 0.00	24.10 1.08 0.00	24.99 1.18 0.00	23.05 1.12 0.00	26.05 1.31 0.00	27.20 1.79 0.00	27.71 1.93 0.00	26.68 1.64 0.00	26.83 1.63 0.00	29.37 1.79 0.00	30.02 1.79 0.00	40.14 2.35 0.00	31.54 1.87 0.00	27.09 1.69 0.00	29.99 1.92 0.00	33.05 2.20 0.00	33.95 2.60 0.00	34.82 2.63 0.00	25.85 1.86 0.00	30.52 2.10 0.00	27.72 1.79 0.00	32.88 2.01 0.00	25.30 1.46 0.00
NYPA_VERNON____GT2 24162	25.14 1.18 0.00	25.15 1.19 0.00	24.03 1.01 0.00	24.92 1.10 0.00	22.98 1.05 0.00	25.97 1.24 0.00	27.11 1.70 0.00	27.64 1.86 0.00	26.65 1.60 0.00	26.80 1.61 0.00	29.35 1.77 0.00	30.00 1.77 0.00	40.08 2.29 0.00	31.46 1.80 0.00	27.03 1.62 0.00	29.92 1.85 0.00	32.95 2.10 0.00	33.87 2.51 0.00	34.69 2.51 0.00	25.74 1.75 0.00	30.40 1.97 0.00	27.62 1.68 0.00	32.73 1.87 0.00	25.20 1.35 0.00
NYPA_VERNON____GT3 24163	25.14 1.18 0.00	25.15 1.19 0.00	24.03 1.01 0.00	24.92 1.10 0.00	22.98 1.05 0.00	25.97 1.24 0.00	27.11 1.70 0.00	27.64 1.86 0.00	26.65 1.60 0.00	26.80 1.61 0.00	29.35 1.77 0.00	30.00 1.77 0.00	40.08 2.29 0.00	31.46 1.80 0.00	27.03 1.62 0.00	29.92 1.85 0.00	32.95 2.10 0.00	33.87 2.51 0.00	34.69 2.51 0.00	25.74 1.75 0.00	30.40 1.97 0.00	27.62 1.68 0.00	32.73 1.87 0.00	25.20 1.35 0.00
NYPA__ASTORIA_CC1 323568	25.09 1.13 0.00	25.10 1.15 0.00	23.99 0.96 0.00	24.87 1.06 0.00	22.94 1.01 0.00	25.93 1.19 0.00	27.07 1.66 0.00	27.59 1.82 0.00	26.61 1.57 0.00	26.77 1.57 0.00	29.30 1.73 0.00	29.95 1.72 0.00	40.00 2.21 0.00	31.41 1.75 0.00	26.98 1.57 0.00	29.87 1.80 0.00	32.90 2.05 0.00	33.81 2.45 0.00	34.63 2.45 0.00	25.70 1.70 0.00	30.35 1.92 0.00	27.57 1.63 0.00	32.68 1.81 0.00	25.15 1.31 0.00
NYPA__ASTORIA_CC2 323569	25.09 1.13 0.00	25.10 1.15 0.00	23.99 0.96 0.00	24.87 1.06 0.00	22.94 1.01 0.00	25.93 1.19 0.00	27.07 1.66 0.00	27.59 1.82 0.00	26.61 1.57 0.00	26.77 1.57 0.00	29.30 1.73 0.00	29.95 1.72 0.00	40.00 2.21 0.00	31.41 1.75 0.00	26.98 1.57 0.00	29.87 1.80 0.00	32.90 2.05 0.00	33.81 2.45 0.00	34.63 2.45 0.00	25.70 1.70 0.00	30.35 1.92 0.00	27.57 1.63 0.00	32.68 1.81 0.00	25.15 1.31 0.00
NYPA__HOLTSVILL 23794	25.26 1.30 0.00	40.92 1.48 -15.49	24.33 1.30 0.00	28.44 1.45 -3.17	24.01 1.33 -0.75	26.21 1.47 0.00	27.36 1.95 0.00	27.64 1.86 0.00	26.68 1.63 0.00	26.83 1.64 0.00	29.96 1.94 -0.44	43.43 1.94 -13.26	40.64 2.34 -0.51	44.65 2.05 -12.93	28.24 1.79 -1.04	30.05 1.98 0.00	32.98 2.13 0.00	34.04 2.69 0.00	34.77 2.59 0.00	25.78 1.78 0.00	30.50 2.08 0.00	27.74 1.81 0.00	32.89 2.02 0.00	26.04 1.60 -0.59
NYPA____HELLGATE_GT1 24158	25.02 1.06 0.00	25.04 1.08 0.00	23.92 0.90 0.00	24.80 0.99 0.00	22.87 0.94 0.00	25.85 1.11 0.00	27.00 1.59 0.00	27.56 1.78 0.00	26.58 1.53 0.00	26.73 1.53 0.00	29.25 1.67 0.00	29.88 1.65 0.00	39.90 2.11 0.00	31.32 1.65 0.00	26.92 1.52 0.00	29.78 1.71 0.00	32.77 1.92 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.28 1.85 0.00	27.52 1.58 0.00	32.60 1.73 0.00	25.11 1.26 0.00
NYPA____HELLGATE_GT2 24159	25.02 1.06 0.00	25.04 1.08 0.00	23.92 0.90 0.00	24.80 0.99 0.00	22.87 0.94 0.00	25.85 1.11 0.00	27.00 1.59 0.00	27.56 1.78 0.00	26.58 1.53 0.00	26.73 1.53 0.00	29.25 1.67 0.00	29.88 1.65 0.00	39.90 2.11 0.00	31.32 1.65 0.00	26.92 1.52 0.00	29.78 1.71 0.00	32.77 1.92 0.00	33.69 2.33 0.00	34.48 2.30 0.01	25.61 1.61 0.00	30.28 1.85 0.00	27.52 1.58 0.00	32.60 1.73 0.00	25.11 1.26 0.00
NYS_BARGE__HYD 23848	22.70 -1.26 0.00	22.88 -1.08 0.00	21.97 -1.05 0.00	22.66 -1.15 0.00	20.99 -0.93 0.00	23.68 -1.06 0.00	24.07 -1.35 0.00	24.19 -1.59 0.00	23.57 -1.47 0.00	23.42 -1.77 0.00	25.27 -2.31 0.00	25.78 -2.45 0.00	34.35 -3.44 0.00	27.10 -2.57 0.00	23.05 -2.36 0.00	25.29 -2.78 0.00	27.87 -2.98 0.00	29.02 -2.35 0.00	29.65 -2.54 0.00	21.65 -2.35 0.00	25.91 -2.51 0.00	23.34 -2.59 0.00	27.98 -2.88 0.00	21.54 -2.31 0.00
OAK_ORCHARD__HYD 24046	23.35 -0.61 0.00	23.45 -0.51 0.00	22.52 -0.51 0.00	23.25 -0.56 0.00	21.49 -0.44 0.00	24.23 -0.50 0.00	24.76 -0.66 0.00	24.98 -0.80 0.00	24.30 -0.75 0.00	24.22 -0.98 0.00	26.28 -1.31 0.00	26.82 -1.41 0.00	35.78 -2.01 0.00	28.20 -1.47 0.00	24.03 -1.38 0.00	26.41 -1.66 0.00	29.10 -1.75 0.00	30.20 -1.16 0.00	30.91 -1.27 0.00	22.66 -1.34 0.00	27.01 -1.42 0.00	24.42 -1.51 0.00	29.18 -1.69 0.00	22.44 -1.41 0.00
OAKDALE__35_KV_LOAD 356122	23.85 -0.11 0.00	23.87 -0.08 0.00	22.90 -0.12 0.00	23.74 -0.07 0.00	21.82 -0.11 0.00	24.62 -0.12 0.00	25.42 0.01 0.00	25.78 0.00 0.00	24.93 -0.11 0.00	25.00 -0.19 0.00	27.34 -0.24 0.00	27.97 -0.26 0.00	37.49 -0.30 0.00	29.41 -0.25 0.00	25.12 -0.29 0.00	27.77 -0.31 0.00	30.56 -0.29 0.00	31.38 0.02 0.00	32.28 0.10 0.00	23.85 -0.14 0.00	28.25 -0.17 0.00	25.78 -0.15 0.00	30.78 -0.08 0.00	23.63 -0.21 0.00
OCC_CHEM__DRP 24175	22.19 -1.78 0.00	22.36 -1.60 0.00	21.49 -1.54 0.00	22.18 -1.64 0.00	20.60 -1.34 0.00	23.14 -1.60 0.00	23.46 -1.95 0.00	23.51 -2.27 0.00	22.91 -2.13 0.00	22.78 -2.42 0.00	24.57 -3.01 0.00	25.05 -3.18 0.00	33.32 -4.47 0.00	26.31 -3.35 0.00	22.39 -3.01 0.00	24.58 -3.50 0.00	27.08 -3.78 0.00	28.21 -3.15 0.00	28.89 -3.29 0.00	21.11 -2.89 0.00	25.28 -3.14 0.00	22.88 -3.05 0.00	27.49 -3.38 0.00	21.17 -2.68 0.00
OH_GEN_PROXY 24063	22.51 -1.45 0.00	22.68 -1.28 0.00	36.77 -1.24 -14.99	22.48 -1.33 0.00	20.82 -1.11 0.00	23.45 -1.29 0.00	23.83 -1.58 0.00	23.95 -1.82 0.00	23.31 -1.73 0.00	23.16 -2.03 0.00	25.01 -2.57 0.00	25.51 -2.72 0.00	34.01 -3.78 0.00	26.83 -2.84 0.00	22.83 -2.58 0.00	25.08 -2.99 0.00	27.60 -3.25 0.00	28.74 -2.61 0.00	29.43 -2.76 0.00	21.49 -2.50 0.00	47.39 -2.69 -21.66	23.22 -2.72 0.00	46.79 -3.01 -18.94	21.42 -2.43 0.00
OLIN_CORP_DRP 24177	22.39 -1.57 0.00	22.56 -1.40 0.00	21.68 -1.35 0.00	22.37 -1.44 0.00	20.77 -1.16 0.00	23.35 -1.38 0.00	23.71 -1.71 0.00	23.77 -2.01 0.00	23.18 -1.87 0.00	23.04 -2.16 0.00	24.86 -2.72 0.00	25.36 -2.87 0.00	33.73 -4.06 0.00	26.63 -3.03 0.00	22.65 -2.75 0.00	24.87 -3.20 0.00	27.39 -3.46 0.00	28.47 -2.89 0.00	29.09 -3.10 0.00	21.25 -2.75 0.00	25.44 -2.99 0.00	22.93 -3.00 0.00	27.49 -3.37 0.00	21.19 -2.66 0.00



OLIN_CORP_DSASP 323712	22.19 -1.77 0.00	22.36 -1.60 0.00	21.49 -1.54 0.00	22.17 -1.65 0.00	20.55 -1.38 0.00	23.14 -1.60 0.00	23.46 -1.96 0.00	23.52 -2.26 0.00	22.91 -2.13 0.00	22.77 -2.42 0.00	24.54 -3.04 0.00	25.02 -3.21 0.00	33.32 -4.47 0.00	26.30 -3.37 0.00	22.40 -3.01 0.00	24.57 -3.50 0.00	27.06 -3.80 0.00	28.23 -3.13 0.00	28.89 -3.29 0.00	21.10 -2.90 0.00	25.29 -3.13 0.00	22.88 -3.05 0.00	27.48 -3.38 0.00	21.17 -2.68 0.00
ONEIDA_HERK_LFGE 323681	24.17 0.20 0.00	24.00 0.04 0.00	23.06 0.04 0.00	23.99 0.18 0.00	22.11 0.18 0.00	24.87 0.13 0.00	25.72 0.31 0.00	26.11 0.33 0.00	25.48 0.44 0.00	25.70 0.50 0.00	28.02 0.44 0.00	28.60 0.37 0.00	38.30 0.51 0.00	30.06 0.39 0.00	25.63 0.23 0.00	28.40 0.33 0.00	31.43 0.58 0.00	31.90 0.54 0.00	32.62 0.44 0.00	24.13 0.13 0.00	28.57 0.14 0.00	26.27 0.12 -0.22	31.15 0.18 -0.10	23.85 0.00 0.00
ONEIDA___115KV_TB4 55905	24.43 0.46 0.00	24.40 0.44 0.00	23.46 0.44 0.00	24.34 0.53 0.00	22.41 0.48 0.00	25.29 0.55 0.00	26.26 0.85 0.00	26.58 0.80 0.00	25.90 0.85 0.00	26.04 0.84 0.00	28.47 0.89 0.00	29.14 0.91 0.00	38.94 1.15 0.00	30.58 0.92 0.00	26.10 0.69 0.00	28.86 0.78 0.00	31.71 0.85 0.00	32.16 0.80 0.00	33.00 0.81 0.00	24.47 0.48 0.00	28.95 0.53 0.00	26.41 0.48 0.00	31.43 0.56 0.00	24.21 0.36 0.00
ONONDAGA_REF_OCCRA 23987	23.81 -0.16 0.00	23.83 -0.13 0.00	22.88 -0.14 0.00	23.68 -0.13 0.00	21.78 -0.15 0.00	24.54 -0.20 0.00	25.26 -0.15 0.00	25.57 -0.20 0.00	24.84 -0.20 0.00	24.94 -0.25 0.00	27.25 -0.33 0.00	27.89 -0.34 0.00	37.28 -0.51 0.00	29.27 -0.40 0.00	25.04 -0.37 0.00	27.69 -0.38 0.00	30.46 -0.40 0.00	31.14 -0.23 0.00	31.95 -0.23 0.00	23.70 -0.30 0.00	28.07 -0.35 0.00	25.67 -0.26 0.00	30.61 -0.25 0.00	23.63 -0.22 0.00
ONONDAGA___COGEN 23986	23.76 -0.20 0.00	23.80 -0.15 0.00	22.87 -0.16 0.00	23.64 -0.17 0.00	21.74 -0.18 0.00	24.50 -0.24 0.00	25.20 -0.21 0.00	25.48 -0.29 0.00	24.77 -0.28 0.00	24.85 -0.34 0.00	27.15 -0.43 0.00	27.78 -0.45 0.00	37.13 -0.66 0.00	29.16 -0.50 0.00	24.95 -0.45 0.00	27.59 -0.48 0.00	30.36 -0.49 0.00	31.00 -0.36 0.00	31.82 -0.36 0.00	23.63 -0.36 0.00	27.98 -0.44 0.00	25.59 -0.34 0.00	30.53 -0.33 0.00	23.56 -0.28 0.00
ONTARIO___LFGE 23819	23.56 -0.40 0.00	23.63 -0.33 0.00	22.66 -0.36 0.00	23.46 -0.35 0.00	21.64 -0.28 0.00	24.47 -0.27 0.00	25.18 -0.23 0.00	25.53 -0.24 0.00	24.83 -0.21 0.00	24.80 -0.40 0.00	26.98 -0.60 0.00	27.58 -0.65 0.00	36.75 -1.04 0.00	28.97 -0.69 0.00	24.69 -0.72 0.00	27.28 -0.80 0.00	30.03 -0.83 0.00	30.91 -0.45 0.00	31.86 -0.32 0.00	23.44 -0.56 0.00	27.75 -0.67 0.00	25.23 -0.70 0.00	30.10 -0.76 0.00	23.10 -0.75 0.00
ORANGEVILLE_WT_PWR 323706	22.30 -1.66 0.00	22.60 -1.36 0.00	21.70 -1.32 0.00	22.27 -1.55 0.00	20.54 -1.39 0.00	23.23 -1.50 0.00	23.80 -1.61 0.00	23.98 -1.80 0.00	23.45 -1.59 0.00	23.29 -1.91 0.00	25.26 -2.32 0.00	25.95 -2.27 0.00	34.46 -3.34 0.00	27.07 -2.60 0.00	22.97 -2.43 0.00	25.33 -2.74 0.00	27.98 -2.87 0.00	29.13 -2.22 0.00	29.90 -2.28 0.00	21.79 -2.21 0.00	25.90 -2.52 0.00	23.43 -2.50 0.00	28.05 -2.82 0.00	21.54 -2.30 0.00
ORANGEVILLE___ESR 323794	22.30 -1.66 0.00	22.60 -1.36 0.00	21.70 -1.32 0.00	22.27 -1.55 0.00	20.54 -1.39 0.00	23.23 -1.50 0.00	23.80 -1.61 0.00	23.98 -1.80 0.00	23.45 -1.59 0.00	23.29 -1.91 0.00	25.26 -2.32 0.00	25.95 -2.27 0.00	34.46 -3.34 0.00	27.07 -2.60 0.00	22.97 -2.43 0.00	25.33 -2.74 0.00	27.98 -2.87 0.00	29.13 -2.22 0.00	29.90 -2.28 0.00	21.79 -2.21 0.00	25.90 -2.52 0.00	23.43 -2.50 0.00	28.05 -2.82 0.00	21.54 -2.30 0.00
OSWEGATCHIE___HYD 24044	23.83 -0.13 0.00	23.56 -0.39 0.00	22.67 -0.36 0.00	23.55 -0.26 0.00	21.71 -0.22 0.00	24.36 -0.37 0.00	25.01 -0.41 0.00	25.44 -0.33 0.00	24.93 -0.12 0.00	25.24 0.05 0.00	27.60 0.02 0.00	28.17 -0.06 0.00	37.80 0.01 0.00	29.66 0.00 0.00	25.20 -0.20 0.00	27.81 -0.26 0.00	30.88 0.03 0.00	31.22 -0.14 0.00	31.81 -0.37 0.00	23.56 -0.43 0.00	27.92 -0.51 0.00	26.47 -0.49 -1.03	30.85 -0.47 -0.46	23.36 -0.49 0.00
OSWEGO___5 23606	23.40 -0.56 0.00	23.41 -0.54 0.00	22.49 -0.53 0.00	23.27 -0.54 0.00	21.41 -0.51 0.00	24.11 -0.63 0.00	24.76 -0.66 0.00	25.04 -0.74 0.00	24.32 -0.72 0.00	24.42 -0.77 0.00	26.70 -0.88 0.00	27.31 -0.92 0.00	36.52 -1.27 0.00	28.69 -0.98 0.00	24.54 -0.86 0.00	27.13 -0.94 0.00	29.84 -1.01 0.00	30.46 -0.90 0.00	31.25 -0.93 0.00	23.23 -0.77 0.00	27.52 -0.91 0.00	25.18 -0.75 0.00	30.06 -0.80 0.00	23.22 -0.62 0.00
OSWEGO___6 23613	23.40 -0.56 0.00	23.41 -0.54 0.00	22.49 -0.53 0.00	23.27 -0.54 0.00	21.41 -0.51 0.00	24.11 -0.63 0.00	24.76 -0.66 0.00	25.04 -0.74 0.00	24.32 -0.72 0.00	24.42 -0.77 0.00	26.70 -0.88 0.00	27.31 -0.92 0.00	36.52 -1.27 0.00	28.69 -0.98 0.00	24.54 -0.86 0.00	27.13 -0.94 0.00	29.84 -1.01 0.00	30.46 -0.90 0.00	31.25 -0.93 0.00	23.23 -0.77 0.00	27.52 -0.91 0.00	25.18 -0.75 0.00	30.06 -0.80 0.00	23.22 -0.62 0.00
OUTOKUMPU-AB___DRP 24206	22.80 -1.16 0.00	22.97 -0.98 0.00	22.07 -0.95 0.00	22.77 -1.04 0.00	21.14 -0.79 0.00	23.79 -0.95 0.00	24.21 -1.21 0.00	24.30 -1.49 0.00	23.70 -1.35 0.00	23.56 -1.64 0.00	25.45 -2.13 0.00	25.97 -2.26 0.00	34.55 -3.24 0.00	27.27 -2.40 0.00	23.19 -2.22 0.00	25.45 -2.62 0.00	28.04 -2.81 0.00	29.19 -2.17 0.00	29.89 -2.29 0.00	21.83 -2.17 0.00	26.09 -2.33 0.00	23.58 -2.35 0.00	28.27 -2.59 0.00	21.73 -2.12 0.00
OXBOW____ 24026	22.56 -1.40 0.00	22.73 -1.22 0.00	21.85 -1.18 0.00	22.53 -1.28 0.00	20.88 -1.05 0.00	23.54 -1.20 0.00	23.91 -1.51 0.00	24.00 -1.78 0.00	23.38 -1.66 0.00	23.24 -1.96 0.00	25.06 -2.52 0.00	25.56 -2.67 0.00	34.06 -3.73 0.00	26.87 -2.80 0.00	22.87 -2.54 0.00	25.10 -2.97 0.00	27.64 -3.22 0.00	28.81 -2.55 0.00	29.49 -2.69 0.00	21.54 -2.46 0.00	25.79 -2.63 0.00	23.31 -2.63 0.00	27.96 -2.90 0.00	21.51 -2.34 0.00
OXY_CHEM_DSASP 323612	22.19 -1.78 0.00	22.36 -1.60 0.00	21.49 -1.54 0.00	22.18 -1.64 0.00	20.60 -1.34 0.00	23.14 -1.60 0.00	23.46 -1.95 0.00	23.51 -2.27 0.00	22.91 -2.13 0.00	22.78 -2.42 0.00	24.57 -3.01 0.00	25.05 -3.18 0.00	33.32 -4.47 0.00	26.31 -3.35 0.00	22.39 -3.01 0.00	24.58 -3.50 0.00	27.08 -3.78 0.00	28.21 -3.15 0.00	28.89 -3.29 0.00	21.11 -2.89 0.00	25.28 -3.14 0.00	22.88 -3.05 0.00	27.49 -3.38 0.00	21.17 -2.68 0.00
OZONE_PARK_ESR 323760	25.35 1.39 0.00	25.34 1.39 0.00	24.22 1.20 0.00	25.12 1.30 0.00	23.14 1.21 0.00	26.17 1.44 0.00	27.34 1.92 0.00	27.87 2.10 0.00	26.86 1.81 0.00	27.02 1.83 0.00	29.57 2.00 0.00	30.24 2.01 0.00	40.39 2.60 0.00	31.69 2.02 0.00	27.22 1.81 0.00	30.15 2.08 0.00	33.20 2.35 0.00	34.16 2.80 0.00	34.99 2.81 0.00	25.95 1.95 0.00	30.64 2.22 0.00	27.82 1.89 0.00	32.99 2.12 0.00	25.38 1.54 0.00



PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.19 -1.78 0.00	22.36 -1.60 0.00	21.49 -1.54 0.00	22.18 -1.64 0.00	20.60 -1.34 0.00	23.14 -1.60 0.00	23.46 -1.95 0.00	23.51 -2.27 0.00	22.91 -2.13 0.00	22.78 -2.42 0.00	24.57 -3.01 0.00	25.05 -3.18 0.00	33.32 -4.47 0.00	26.31 -3.35 0.00	22.39 -3.01 0.00	24.58 -3.50 0.00	27.08 -3.78 0.00	28.21 -3.15 0.00	28.89 -3.29 0.00	21.11 -2.89 0.00	25.28 -3.14 0.00	22.88 -3.05 0.00	27.49 -3.38 0.00	21.17 -2.68 0.00
PACKARD__115KV_DUPONT_184 80571	22.19 -1.78 0.00	22.36 -1.60 0.00	21.49 -1.54 0.00	22.18 -1.64 0.00	20.60 -1.34 0.00	23.14 -1.60 0.00	23.46 -1.95 0.00	23.51 -2.27 0.00	22.91 -2.13 0.00	22.78 -2.42 0.00	24.57 -3.01 0.00	25.05 -3.18 0.00	33.32 -4.47 0.00	26.31 -3.35 0.00	22.39 -3.01 0.00	24.58 -3.50 0.00	27.08 -3.78 0.00	28.21 -3.15 0.00	28.89 -3.29 0.00	21.11 -2.89 0.00	25.28 -3.14 0.00	22.88 -3.05 0.00	27.49 -3.38 0.00	21.17 -2.68 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.06 1.10 0.00	25.07 1.12 0.00	23.96 0.94 0.00	24.84 1.02 0.00	22.89 0.96 0.00	25.89 1.16 0.00	27.05 1.64 0.00	27.60 1.82 0.00	26.61 1.57 0.00	26.75 1.55 0.00	29.28 1.70 0.00	29.91 1.68 0.00	39.97 2.18 0.00	31.37 1.71 0.00	26.96 1.55 0.00	29.83 1.76 0.00	32.85 2.00 0.00	33.76 2.41 0.00	34.58 2.39 0.00	25.67 1.67 0.00	30.32 1.89 0.00	27.55 1.62 0.00	32.66 1.79 0.00	25.15 1.30 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.12 1.16 0.00	25.18 1.23 0.00	24.09 1.06 0.00	24.97 1.16 0.00	23.02 1.10 0.00	26.06 1.32 0.00	27.22 1.81 0.00	27.70 1.93 0.00	26.74 1.70 0.00	26.85 1.65 0.00	29.36 1.78 0.00	30.00 1.76 0.00	40.08 2.28 0.00	31.45 1.78 0.00	27.01 1.61 0.00	29.88 1.81 0.00	32.90 2.05 0.00	33.79 2.43 0.00	34.66 2.48 0.00	25.73 1.73 0.00	30.39 1.97 0.00	27.62 1.69 0.00	32.74 1.88 0.00	25.22 1.37 0.00
PATROON__115KV_TB1 80586	24.39 0.43 0.00	24.43 0.47 0.00	23.45 0.42 0.00	24.28 0.47 0.00	22.38 0.45 0.00	25.31 0.57 0.00	26.26 0.85 0.00	26.70 0.92 0.00	25.86 0.82 0.00	26.01 0.81 0.00	28.45 0.87 0.00	29.09 0.86 0.00	38.84 1.05 0.00	30.48 0.82 0.00	26.19 0.78 0.00	28.95 0.88 0.00	31.73 0.87 0.00	32.44 1.08 0.00	33.19 1.01 0.00	24.72 0.72 0.00	29.27 0.84 0.00	26.63 0.70 0.00	31.57 0.71 0.00	24.44 0.59 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.27 -0.69 0.00	23.42 -0.54 0.00	22.49 -0.54 0.00	23.22 -0.59 0.00	21.50 -0.43 0.00	24.22 -0.52 0.00	24.73 -0.69 0.00	24.89 -0.88 0.00	24.26 -0.78 0.00	24.13 -1.06 0.00	26.14 -1.44 0.00	26.72 -1.51 0.00	35.57 -2.22 0.00	28.04 -1.63 0.00	23.83 -1.57 0.00	26.22 -1.85 0.00	28.87 -1.99 0.00	30.00 -1.36 0.00	30.80 -1.38 0.00	22.49 -1.51 0.00	26.83 -1.59 0.00	24.25 -1.68 0.00	29.08 -1.79 0.00	22.28 -1.57 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.24 1.28 0.00	25.26 1.30 0.00	24.17 1.14 0.00	25.05 1.24 0.00	23.08 1.16 0.00	26.11 1.37 0.00	27.23 1.81 0.00	27.74 1.96 0.00	26.77 1.73 0.00	26.92 1.73 0.00	29.47 1.89 0.00	30.12 1.89 0.00	40.20 2.41 0.00	31.50 1.84 0.00	27.04 1.63 0.00	29.95 1.88 0.00	32.99 2.14 0.00	33.94 2.58 0.00	34.76 2.58 0.00	25.78 1.78 0.00	30.48 2.06 0.00	27.70 1.77 0.00	32.82 1.96 0.00	25.28 1.43 0.00
PEEKSKILL____ 23653	24.97 1.01 0.00	24.98 1.03 0.00	23.90 0.87 0.00	24.79 0.97 0.00	22.83 0.90 0.00	25.79 1.05 0.00	26.86 1.45 0.00	27.34 1.56 0.00	26.36 1.31 0.00	26.52 1.32 0.00	29.05 1.48 0.00	29.68 1.45 0.00	39.64 1.85 0.00	31.09 1.43 0.00	26.70 1.30 0.00	29.58 1.51 0.00	32.57 1.72 0.00	33.49 2.13 0.00	34.30 2.12 0.00	25.43 1.43 0.00	30.08 1.65 0.00	27.37 1.44 0.00	32.46 1.60 0.00	25.01 1.16 0.00
PGE MADISON____WINDPWR 24146	24.82 0.86 0.00	24.78 0.83 0.00	23.78 0.76 0.00	24.76 0.95 0.00	22.71 0.78 0.00	25.61 0.88 0.00	26.62 1.20 0.00	27.18 1.41 0.00	26.56 1.52 0.00	26.79 1.60 0.00	29.37 1.79 0.00	30.25 2.02 0.00	40.56 2.76 0.00	31.72 2.06 0.00	26.87 1.46 0.00	29.38 1.31 0.00	32.56 1.71 0.00	33.58 2.22 0.00	34.58 2.39 0.00	25.45 1.45 0.00	30.09 1.66 0.00	27.31 1.38 0.00	32.62 1.76 0.00	24.93 1.09 0.00
PIERCEFIELD____HYD 23852	24.26 0.30 0.00	24.10 0.15 0.00	23.22 0.20 0.00	23.98 0.17 0.00	22.10 0.17 0.00	24.91 0.18 0.00	25.41 -0.01 0.00	25.83 0.05 0.00	25.29 0.25 0.00	25.58 0.38 0.00	28.11 0.53 0.00	28.82 0.59 0.00	38.76 0.97 0.00	30.40 0.74 0.00	25.83 0.43 0.00	28.32 0.24 0.00	31.12 0.27 0.00	31.28 -0.07 0.00	32.07 -0.11 0.00	24.04 0.04 0.00	28.47 0.04 0.00	27.43 0.02 -1.48	31.60 0.07 -0.66	23.89 0.04 0.00
PINELAWN_CC_1 323563	25.44 1.48 0.00	41.02 1.57 -15.49	24.42 1.39 0.00	28.50 1.52 -3.17	24.09 1.41 -0.75	26.31 1.57 0.00	27.44 2.02 0.00	27.81 2.03 0.00	26.85 1.80 0.00	27.04 1.84 0.00	30.19 2.17 -0.44	43.66 2.16 -13.26	40.95 2.65 -0.51	44.82 2.22 -12.93	28.38 1.93 -1.04	30.20 2.13 0.00	33.22 2.37 0.00	34.25 2.89 0.00	34.98 2.80 0.00	25.93 1.94 0.00	30.67 2.25 0.00	27.90 1.96 0.00	33.06 2.19 0.00	26.12 1.68 -0.59
PJM_GEN_HTP_PROXY 323702	25.13 1.17 0.00	25.14 1.19 0.00	24.03 1.01 0.00	24.93 1.11 0.00	22.97 1.04 0.00	25.95 1.21 0.00	27.08 1.67 0.00	27.59 1.81 0.00	26.58 1.54 0.00	26.75 1.55 0.00	29.29 1.71 0.00	29.94 1.71 0.00	39.98 2.18 0.00	31.39 1.72 0.00	26.95 1.55 0.00	29.86 1.78 0.00	32.87 2.02 0.00	33.80 2.44 0.00	34.64 2.45 0.00	25.67 1.67 0.00	30.32 1.90 0.00	27.56 1.63 0.00	32.68 1.82 0.00	25.16 1.31 0.00
PJM_GEN_KEYSTONE 24065	24.04 0.08 0.00	24.10 0.15 0.00	23.06 0.04 0.00	23.91 0.09 0.00	22.02 0.09 0.00	24.84 0.10 0.00	25.69 0.28 0.00	29.27 0.27 -3.22	24.12 0.10 1.02	25.19 -0.01 0.00	27.52 -0.06 0.00	28.11 -0.12 0.00	37.28 -0.26 0.25	29.50 -0.17 0.00	25.22 -0.18 0.00	22.09 -0.19 5.79	30.70 -0.15 0.00	31.71 0.36 0.00	32.55 0.37 0.00	23.98 -0.02 0.00	28.46 0.04 0.00	25.89 -0.04 0.00	30.89 0.02 0.00	23.71 -0.13 0.00
PJM_GEN_NEPTUNE_PROXY 323594	25.33 1.37 0.00	40.89 1.45 -15.49	24.30 1.27 0.00	28.37 1.39 -3.17	23.96 1.28 -0.75	26.17 1.44 0.00	27.27 1.86 0.00	27.67 1.89 0.00	26.70 1.66 0.00	26.89 1.69 0.00	29.99 1.97 -0.44	43.46 1.97 -13.26	40.73 2.43 -0.51	44.58 1.98 -12.93	28.21 1.75 -1.04	30.03 1.96 0.00	33.00 2.14 0.00	33.99 2.63 0.00	34.75 2.57 0.00	25.78 1.78 0.00	30.50 2.08 0.00	27.75 1.82 0.00	32.89 2.03 0.00	25.98 1.54 -0.59
PJM_GEN_VFT_PROXY 323633	25.07 1.11 0.00	25.07 1.11 0.00	23.94 0.92 0.00	24.84 1.03 0.00	22.90 0.98 0.00	25.87 1.14 0.00	27.01 1.60 0.00	27.49 1.72 0.00	26.45 1.41 0.00	26.61 1.42 0.00	29.13 1.55 0.00	29.77 1.54 0.00	36.14 1.97 3.62	31.22 1.55 0.00	26.81 1.41 0.00	29.73 1.65 0.00	32.76 1.91 0.00	33.70 2.34 0.00	34.51 2.33 0.00	25.59 1.59 0.00	30.21 1.78 0.00	27.45 1.52 0.00	32.58 1.72 0.00	25.08 1.23 0.00



PLATSBRG_115KV_PMLD1 355749	24.94 0.97 0.00	24.66 0.70 0.00	23.65 0.63 0.00	24.37 0.55 0.00	22.33 0.40 0.00	24.89 0.15 0.00	25.24 -0.17 0.00	25.91 0.13 0.00	25.40 0.36 0.00	26.02 0.82 0.00	28.86 1.28 0.00	29.73 1.50 0.00	40.23 2.44 0.00	31.59 1.92 0.00	26.59 1.19 0.00	28.83 0.76 0.00	31.07 0.21 0.00	31.32 -0.03 0.00	32.03 -0.15 0.00	24.36 0.36 0.00	28.72 0.30 0.00	16.05 -0.29 9.59	26.02 -0.56 4.28	23.68 -0.17 0.00
PLEASANTVLY___LBMP 24000	24.90 0.94 0.00	24.92 0.97 0.00	23.86 0.83 0.00	24.74 0.92 0.00	22.78 0.85 0.00	25.74 1.00 0.00	26.80 1.39 0.00	27.28 1.51 0.00	26.33 1.29 0.00	26.50 1.30 0.00	29.01 1.43 0.00	29.64 1.41 0.00	39.60 1.81 0.00	31.06 1.39 0.00	26.67 1.26 0.00	29.53 1.46 0.00	32.49 1.64 0.00	33.37 2.01 0.00	34.15 1.96 0.00	25.34 1.34 0.00	29.98 1.56 0.00	27.27 1.33 0.00	32.34 1.47 0.00	24.94 1.09 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.05 1.09 0.00	25.07 1.12 0.00	23.98 0.96 0.00	24.88 1.06 0.00	22.91 0.98 0.00	25.89 1.15 0.00	26.98 1.57 0.00	27.47 1.70 0.00	26.50 1.46 0.00	26.65 1.46 0.00	29.19 1.61 0.00	29.82 1.60 0.00	39.84 2.05 0.00	31.26 1.59 0.00	26.83 1.43 0.00	29.72 1.65 0.00	32.71 1.86 0.00	33.64 2.28 0.00	34.44 2.26 0.00	25.55 1.55 0.00	30.21 1.78 0.00	27.47 1.54 0.00	32.56 1.70 0.00	25.09 1.24 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.05 1.09 0.00	25.07 1.12 0.00	23.98 0.96 0.00	24.88 1.06 0.00	22.91 0.98 0.00	25.89 1.15 0.00	26.98 1.57 0.00	27.47 1.70 0.00	26.50 1.46 0.00	26.65 1.46 0.00	29.19 1.61 0.00	29.82 1.60 0.00	39.84 2.05 0.00	31.26 1.59 0.00	26.83 1.43 0.00	29.72 1.65 0.00	32.71 1.86 0.00	33.64 2.28 0.00	34.44 2.26 0.00	25.55 1.55 0.00	30.21 1.78 0.00	27.47 1.54 0.00	32.56 1.70 0.00	25.09 1.24 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.13 1.17 0.00	25.14 1.19 0.00	24.07 1.05 0.00	24.95 1.14 0.00	22.99 1.06 0.00	26.00 1.27 0.00	27.09 1.67 0.00	27.60 1.82 0.00	26.63 1.59 0.00	26.80 1.60 0.00	29.35 1.77 0.00	29.98 1.75 0.00	40.03 2.24 0.00	31.31 1.65 0.00	26.88 1.48 0.00	29.79 1.73 0.00	32.84 1.99 0.00	33.77 2.41 0.00	34.57 2.38 0.00	25.64 1.64 0.00	30.31 1.89 0.00	27.56 1.63 0.00	32.67 1.81 0.00	25.18 1.33 0.00
POLETTI_____ 23519	25.06 1.10 0.00	25.06 1.11 0.00	23.95 0.93 0.00	24.84 1.03 0.00	22.89 0.96 0.00	25.87 1.14 0.00	27.00 1.59 0.00	27.52 1.74 0.00	26.51 1.47 0.00	26.68 1.48 0.00	29.20 1.62 0.00	29.84 1.61 0.00	39.87 2.08 0.00	31.30 1.63 0.00	26.89 1.49 0.00	29.78 1.71 0.00	32.77 1.92 0.00	33.71 2.35 0.00	34.55 2.36 0.00	25.62 1.62 0.00	30.26 1.83 0.00	27.49 1.56 0.00	32.58 1.72 0.00	25.10 1.25 0.00
POMONA____ESR 323819	24.96 1.00 0.00	24.97 1.02 0.00	23.89 0.86 0.00	24.78 0.96 0.00	22.82 0.89 0.00	25.77 1.03 0.00	26.82 1.41 0.00	27.27 1.49 0.00	26.28 1.23 0.00	26.43 1.24 0.00	28.96 1.38 0.00	29.59 1.36 0.00	39.51 1.72 0.00	31.00 1.34 0.00	26.63 1.22 0.00	29.49 1.42 0.00	32.49 1.64 0.00	33.41 2.05 0.00	34.22 2.04 0.00	25.37 1.37 0.00	30.03 1.61 0.00	27.37 1.44 0.00	32.48 1.61 0.00	25.01 1.16 0.00
PORT_JEFF_3 23555	25.30 1.34 0.00	40.96 1.52 -15.49	24.37 1.35 0.00	28.48 1.50 -3.17	24.05 1.37 -0.75	26.26 1.52 0.00	27.41 2.00 0.00	27.70 1.92 0.00	26.74 1.69 0.00	26.89 1.69 0.00	30.03 2.01 -0.44	43.50 2.00 -13.26	40.73 2.43 -0.51	44.71 2.11 -12.93	28.30 1.85 -1.04	30.11 2.04 0.00	33.06 2.21 0.00	34.14 2.78 0.00	34.85 2.67 0.00	25.84 1.84 0.00	30.57 2.15 0.00	27.80 1.87 0.00	32.95 2.09 0.00	26.08 1.64 -0.59
PORT_JEFF_4 23616	25.30 1.34 0.00	40.96 1.52 -15.49	24.37 1.35 0.00	28.48 1.50 -3.17	24.05 1.37 -0.75	26.26 1.52 0.00	27.41 2.00 0.00	27.70 1.92 0.00	26.74 1.69 0.00	26.89 1.69 0.00	30.03 2.01 -0.44	43.50 2.00 -13.26	40.73 2.43 -0.51	44.71 2.11 -12.93	28.30 1.85 -1.04	30.11 2.04 0.00	33.06 2.21 0.00	34.14 2.78 0.00	34.85 2.67 0.00	25.84 1.84 0.00	30.57 2.15 0.00	27.80 1.87 0.00	32.95 2.09 0.00	26.08 1.64 -0.59
PORT_JEFF_IC 23713	25.29 1.34 0.00	40.97 1.52 -15.49	24.37 1.35 0.00	28.49 1.50 -3.17	24.05 1.38 -0.75	26.26 1.52 0.00	27.41 2.00 0.00	27.70 1.92 0.00	26.74 1.70 0.00	26.90 1.70 0.00	30.03 2.01 -0.44	43.50 2.01 -13.26	40.73 2.43 -0.51	44.72 2.12 -12.93	28.30 1.85 -1.04	30.12 2.05 0.00	33.07 2.22 0.00	34.16 2.81 0.00	34.87 2.69 0.00	25.85 1.85 0.00	30.57 2.15 0.00	27.80 1.87 0.00	32.96 2.10 0.00	26.09 1.65 -0.59
PPL PILGRIM_ST_GT1 24216	25.49 1.53 0.00	41.10 1.65 -15.49	24.49 1.47 0.00	28.59 1.61 -3.17	24.16 1.48 -0.75	26.38 1.65 0.00	27.51 2.10 0.00	27.85 2.07 0.00	26.89 1.85 0.00	27.08 1.88 0.00	30.24 2.22 -0.44	43.72 2.22 -13.26	41.01 2.71 -0.51	44.91 2.31 -12.93	28.45 2.00 -1.04	30.28 2.21 0.00	33.25 2.40 0.00	34.22 2.86 0.00	35.02 2.84 0.00	25.98 1.98 0.00	30.72 2.29 0.00	27.95 2.02 0.00	33.13 2.26 0.00	26.19 1.75 -0.59
PPL PILGRIM_ST_GT2 24217	25.49 1.53 0.00	41.10 1.65 -15.49	24.49 1.47 0.00	28.59 1.61 -3.17	24.16 1.48 -0.75	26.38 1.65 0.00	27.51 2.10 0.00	27.85 2.07 0.00	26.89 1.85 0.00	27.08 1.88 0.00	30.24 2.22 -0.44	43.72 2.22 -13.26	41.01 2.71 -0.51	44.91 2.31 -12.93	28.45 2.00 -1.04	30.28 2.21 0.00	33.25 2.40 0.00	34.22 2.86 0.00	35.02 2.84 0.00	25.98 1.98 0.00	30.72 2.29 0.00	27.95 2.02 0.00	33.13 2.26 0.00	26.19 1.75 -0.59
PPL_SHRM_GT3 24213	24.99 1.03 0.00	40.83 1.38 -15.49	24.24 1.22 0.00	28.40 1.42 -3.17	23.96 1.28 -0.75	26.13 1.39 0.00	27.36 1.95 0.00	27.47 1.69 0.00	26.52 1.48 0.00	26.57 1.37 0.00	29.63 1.61 -0.44	43.11 1.62 -13.26	40.27 1.97 -0.51	44.46 1.86 -12.93	28.08 1.63 -1.04	29.88 1.81 0.00	32.71 1.86 0.00	33.75 2.39 0.00	34.53 2.35 0.00	25.62 1.63 0.00	30.36 1.94 0.00	27.60 1.67 0.00	32.73 1.86 0.00	25.97 1.53 -0.59
PPL_SHRM_GT4 24214	24.99 1.03 0.00	40.83 1.38 -15.49	24.24 1.22 0.00	28.40 1.42 -3.17	23.96 1.28 -0.75	26.13 1.39 0.00	27.36 1.95 0.00	27.47 1.69 0.00	26.52 1.48 0.00	26.57 1.37 0.00	29.63 1.61 -0.44	43.11 1.62 -13.26	40.27 1.97 -0.51	44.46 1.86 -12.93	28.08 1.63 -1.04	29.88 1.81 0.00	32.71 1.86 0.00	33.75 2.39 0.00	34.53 2.35 0.00	25.62 1.63 0.00	30.36 1.94 0.00	27.60 1.67 0.00	32.73 1.86 0.00	25.97 1.53 -0.59
PROJECT___ORANGE I 24174	23.66 -0.30 0.00	23.68 -0.27 0.00	22.74 -0.28 0.00	23.54 -0.28 0.00	21.66 -0.27 0.00	24.39 -0.35 0.00	25.08 -0.34 0.00	25.37 -0.41 0.00	24.64 -0.40 0.00	24.75 -0.45 0.00	27.04 -0.54 0.00	27.67 -0.56 0.00	37.00 -0.79 0.00	29.05 -0.61 0.00	24.87 -0.54 0.00	27.49 -0.58 0.00	30.24 -0.62 0.00	30.90 -0.46 0.00	31.70 -0.48 0.00	23.52 -0.48 0.00	27.86 -0.56 0.00	25.49 -0.45 0.00	30.42 -0.45 0.00	23.48 -0.36 0.00



PROJECT___ORANGE 2 24166	23.66 -0.30 0.00	23.68 -0.27 0.00	22.74 -0.28 0.00	23.54 -0.28 0.00	21.66 -0.27 0.00	24.39 -0.35 0.00	25.08 -0.34 0.00	25.37 -0.41 0.00	24.64 -0.40 0.00	24.75 -0.45 0.00	27.04 -0.54 0.00	27.67 -0.56 0.00	37.00 -0.79 0.00	29.05 -0.61 0.00	24.87 -0.54 0.00	27.49 -0.58 0.00	30.24 -0.62 0.00	30.90 -0.46 0.00	31.70 -0.48 0.00	23.52 -0.48 0.00	27.86 -0.56 0.00	25.49 -0.45 0.00	30.42 -0.45 0.00	23.48 -0.36 0.00
PUCKETT___SOLAR 323809	23.87 -0.09 0.00	23.90 -0.06 0.00	22.92 -0.10 0.00	23.78 -0.03 0.00	21.85 -0.08 0.00	24.67 -0.06 0.00	25.50 0.09 0.00	25.94 0.16 0.00	25.14 0.10 0.00	25.30 0.11 0.00	27.68 0.10 0.00	28.37 0.14 0.00	38.14 0.35 0.00	29.82 0.15 0.00	25.49 0.08 0.00	28.02 -0.05 0.00	30.94 0.09 0.00	31.86 0.50 0.00	32.78 0.60 0.00	24.20 0.20 0.00	28.66 0.23 0.00	26.12 0.18 0.00	31.20 0.33 0.00	23.90 0.05 0.00
PYRITES___HYD 24023	24.62 0.66 0.00	24.48 0.53 0.00	23.60 0.58 0.00	24.36 0.55 0.00	22.45 0.52 0.00	25.41 0.68 0.00	25.95 0.53 0.00	26.36 0.58 0.00	25.87 0.83 0.00	26.10 0.90 0.00	28.68 1.11 0.00	29.45 1.22 0.00	39.60 1.81 0.00	31.07 1.40 0.00	26.42 1.01 0.00	28.96 0.89 0.00	31.78 0.92 0.00	31.88 0.52 0.00	32.78 0.60 0.00	24.58 0.58 0.00	29.11 0.69 0.00	27.81 0.55 -1.32	32.12 0.66 -0.59	24.32 0.47 0.00
QUAKERRD_115KV_BK1 80622	22.88 -1.08 0.00	22.95 -1.01 0.00	22.03 -0.99 0.00	22.78 -1.04 0.00	21.04 -0.89 0.00	23.70 -1.04 0.00	24.24 -1.17 0.00	24.46 -1.32 0.00	23.80 -1.25 0.00	23.76 -1.44 0.00	25.83 -1.74 0.00	26.38 -1.85 0.00	35.17 -2.63 0.00	27.71 -1.95 0.00	23.63 -1.78 0.00	26.02 -2.05 0.00	28.67 -2.19 0.00	29.60 -1.76 0.00	30.32 -1.86 0.00	22.30 -1.70 0.00	26.52 -1.91 0.00	24.04 -1.89 0.00	28.70 -2.16 0.00	22.09 -1.76 0.00
QUENSBRY_115KV_TB8 356137	25.12 1.16 0.00	25.18 1.23 0.00	24.17 1.14 0.00	25.04 1.23 0.00	23.10 1.17 0.00	26.28 1.54 0.00	27.31 1.90 0.00	27.82 2.05 0.00	26.97 1.92 0.00	27.11 1.91 0.00	29.61 2.03 0.00	30.44 2.22 0.00	40.69 2.90 0.00	31.67 2.00 0.00	27.09 1.69 0.00	29.91 1.84 0.00	32.78 1.92 0.00	33.36 2.00 0.00	33.96 1.78 0.00	25.33 1.33 0.00	29.89 1.47 0.00	27.22 1.29 0.00	32.55 1.68 0.00	25.23 1.38 0.00
RAMAPO___LBMP 323565	24.88 0.92 0.00	24.89 0.94 0.00	23.81 0.78 0.00	24.69 0.88 0.00	22.74 0.81 0.00	25.68 0.94 0.00	26.74 1.33 0.00	27.19 1.42 0.00	26.20 1.15 0.00	26.35 1.16 0.00	28.86 1.28 0.00	29.49 1.26 0.00	39.39 1.60 0.00	30.90 1.24 0.00	26.54 1.13 0.00	29.40 1.32 0.00	32.38 1.53 0.00	33.30 1.94 0.00	34.11 1.93 0.00	25.29 1.29 0.00	29.93 1.50 0.00	27.25 1.32 0.00	32.34 1.48 0.00	24.91 1.07 0.00
RANKINE____ 23646	22.91 -1.05 0.00	23.08 -0.87 0.00	22.18 -0.84 0.00	22.88 -0.93 0.00	21.20 -0.73 0.00	23.88 -0.85 0.00	24.37 -1.04 0.00	24.50 -1.28 0.00	23.89 -1.15 0.00	23.75 -1.44 0.00	25.71 -1.87 0.00	26.27 -1.96 0.00	34.96 -2.83 0.00	27.55 -2.12 0.00	23.42 -1.98 0.00	25.78 -2.29 0.00	28.40 -2.46 0.00	29.53 -1.83 0.00	30.27 -1.91 0.00	22.09 -1.91 0.00	26.36 -2.06 0.00	23.82 -2.12 0.00	28.55 -2.31 0.00	21.90 -1.95 0.00
RAVENSWOOD_GT2_1 24244	25.13 1.17 0.00	25.14 1.19 0.00	24.03 1.01 0.00	24.92 1.11 0.00	22.96 1.03 0.00	25.96 1.22 0.00	27.09 1.67 0.00	27.59 1.81 0.00	26.59 1.54 0.00	26.76 1.56 0.00	29.29 1.71 0.00	29.93 1.70 0.00	40.00 2.21 0.00	31.39 1.72 0.00	26.96 1.55 0.00	29.87 1.79 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.62 2.44 0.00	25.68 1.68 0.00	30.34 1.91 0.00	27.56 1.63 0.00	32.69 1.82 0.00	25.17 1.32 0.00
RAVENSWOOD_GT2_2 24245	25.13 1.17 0.00	25.14 1.19 0.00	24.03 1.01 0.00	24.92 1.11 0.00	22.96 1.03 0.00	25.96 1.22 0.00	27.09 1.67 0.00	27.59 1.81 0.00	26.59 1.54 0.00	26.76 1.56 0.00	29.29 1.71 0.00	29.93 1.70 0.00	40.00 2.21 0.00	31.39 1.72 0.00	26.96 1.55 0.00	29.87 1.79 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.62 2.44 0.00	25.68 1.68 0.00	30.34 1.91 0.00	27.56 1.63 0.00	32.69 1.82 0.00	25.17 1.32 0.00
RAVENSWOOD_GT2_3 24246	25.14 1.18 0.00	25.15 1.20 0.00	24.05 1.02 0.00	24.93 1.12 0.00	22.98 1.05 0.00	25.97 1.24 0.00	27.10 1.68 0.00	27.60 1.83 0.00	26.61 1.56 0.00	26.77 1.57 0.00	29.30 1.73 0.00	29.95 1.72 0.00	40.01 2.22 0.00	31.40 1.73 0.00	26.97 1.56 0.00	29.87 1.80 0.00	32.89 2.04 0.00	33.82 2.46 0.00	34.64 2.46 0.00	25.69 1.69 0.00	30.34 1.92 0.00	27.58 1.64 0.00	32.70 1.83 0.00	25.18 1.33 0.00
RAVENSWOOD_GT2_4 24247	25.14 1.18 0.00	25.15 1.20 0.00	24.05 1.02 0.00	24.93 1.12 0.00	22.98 1.05 0.00	25.97 1.24 0.00	27.10 1.68 0.00	27.60 1.83 0.00	26.61 1.56 0.00	26.77 1.57 0.00	29.30 1.73 0.00	29.95 1.72 0.00	40.01 2.22 0.00	31.40 1.73 0.00	26.97 1.56 0.00	29.87 1.80 0.00	32.89 2.04 0.00	33.82 2.46 0.00	34.64 2.46 0.00	25.69 1.69 0.00	30.34 1.92 0.00	27.58 1.64 0.00	32.70 1.83 0.00	25.18 1.33 0.00
RAVENSWOOD_GT3_1 24248	25.14 1.18 0.00	25.14 1.19 0.00	24.04 1.01 0.00	24.92 1.11 0.00	22.96 1.03 0.00	25.96 1.22 0.00	27.09 1.67 0.00	27.59 1.81 0.00	26.59 1.55 0.00	26.76 1.56 0.00	29.29 1.71 0.00	29.93 1.70 0.00	40.00 2.21 0.00	31.39 1.72 0.00	26.96 1.56 0.00	29.87 1.79 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.62 2.43 0.00	25.68 1.68 0.00	30.34 1.91 0.00	27.57 1.64 0.00	32.69 1.82 0.00	25.17 1.32 0.00
RAVENSWOOD_GT3_2 24249	25.14 1.18 0.00	25.14 1.19 0.00	24.04 1.01 0.00	24.92 1.11 0.00	22.96 1.03 0.00	25.96 1.22 0.00	27.09 1.67 0.00	27.59 1.81 0.00	26.59 1.55 0.00	26.76 1.56 0.00	29.29 1.71 0.00	29.93 1.70 0.00	40.00 2.21 0.00	31.39 1.72 0.00	26.96 1.56 0.00	29.87 1.79 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.62 2.43 0.00	25.68 1.68 0.00	30.34 1.91 0.00	27.57 1.64 0.00	32.69 1.82 0.00	25.17 1.32 0.00
RAVENSWOOD_GT3_3 24250	25.18 1.22 0.00	25.18 1.23 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.00 1.27 0.00	27.13 1.72 0.00	27.64 1.86 0.00	26.64 1.60 0.00	26.81 1.61 0.00	29.35 1.77 0.00	29.99 1.76 0.00	40.05 2.26 0.00	31.44 1.78 0.00	27.00 1.60 0.00	29.91 1.84 0.00	32.92 2.07 0.00	33.86 2.50 0.00	34.68 2.49 0.00	25.72 1.72 0.00	30.38 1.96 0.00	27.61 1.67 0.00	32.73 1.86 0.00	25.21 1.36 0.00
RAVENSWOOD_GT3_4 24251	25.18 1.22 0.00	25.18 1.23 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.00 1.27 0.00	27.13 1.72 0.00	27.64 1.86 0.00	26.64 1.60 0.00	26.81 1.61 0.00	29.35 1.77 0.00	29.99 1.76 0.00	40.05 2.26 0.00	31.44 1.78 0.00	27.00 1.60 0.00	29.91 1.84 0.00	32.92 2.07 0.00	33.86 2.50 0.00	34.68 2.49 0.00	25.72 1.72 0.00	30.38 1.96 0.00	27.61 1.67 0.00	32.73 1.86 0.00	25.21 1.36 0.00



RAVENSWOOD_GT_1 23729	25.14 1.18 0.00	25.15 1.19 0.00	24.03 1.01 0.00	24.91 1.10 0.00	22.96 1.03 0.00	25.97 1.24 0.00	27.12 1.70 0.00	27.64 1.87 0.00	26.65 1.60 0.00	26.80 1.61 0.00	29.34 1.76 0.00	29.99 1.75 0.00	40.08 2.29 0.00	31.46 1.79 0.00	27.02 1.62 0.00	29.92 1.85 0.00	32.96 2.10 0.00	33.87 2.52 0.00	34.69 2.51 0.00	25.74 1.75 0.00	30.40 1.98 0.00	27.61 1.68 0.00	32.73 1.87 0.00	25.20 1.35 0.00
RAVENSWOOD_GT_10 24258	25.14 1.18 0.00	25.14 1.19 0.00	24.04 1.01 0.00	24.92 1.11 0.00	22.96 1.03 0.00	25.96 1.22 0.00	27.09 1.67 0.00	27.59 1.81 0.00	26.59 1.54 0.00	26.76 1.56 0.00	29.29 1.71 0.00	29.93 1.70 0.00	40.00 2.21 0.00	31.39 1.72 0.00	26.96 1.55 0.00	29.87 1.79 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.62 2.43 0.00	25.68 1.68 0.00	30.34 1.91 0.00	27.57 1.64 0.00	32.69 1.82 0.00	25.17 1.32 0.00
RAVENSWOOD_GT_11 24259	25.14 1.18 0.00	25.14 1.19 0.00	24.04 1.01 0.00	24.92 1.11 0.00	22.96 1.03 0.00	25.96 1.22 0.00	27.09 1.67 0.00	27.59 1.81 0.00	26.59 1.54 0.00	26.76 1.56 0.00	29.29 1.71 0.00	29.93 1.70 0.00	40.00 2.21 0.00	31.39 1.72 0.00	26.96 1.55 0.00	29.87 1.79 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.62 2.43 0.00	25.68 1.68 0.00	30.34 1.91 0.00	27.57 1.64 0.00	32.69 1.82 0.00	25.17 1.32 0.00
RAVENSWOOD_GT_4 24252	25.14 1.18 0.00	25.15 1.20 0.00	24.05 1.02 0.00	24.94 1.13 0.00	22.98 1.05 0.00	25.97 1.24 0.00	27.09 1.68 0.00	27.59 1.82 0.00	26.59 1.55 0.00	26.76 1.56 0.00	29.29 1.72 0.00	29.94 1.71 0.00	40.00 2.21 0.00	31.39 1.72 0.00	26.96 1.55 0.00	29.87 1.80 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.63 2.44 0.00	25.68 1.68 0.00	30.34 1.91 0.00	27.57 1.64 0.00	32.69 1.83 0.00	25.18 1.33 0.00
RAVENSWOOD_GT_5 24254	25.14 1.18 0.00	25.15 1.20 0.00	24.05 1.02 0.00	24.94 1.13 0.00	22.98 1.05 0.00	25.97 1.24 0.00	27.09 1.68 0.00	27.59 1.82 0.00	26.59 1.55 0.00	26.76 1.56 0.00	29.29 1.72 0.00	29.94 1.71 0.00	40.00 2.21 0.00	31.39 1.72 0.00	26.96 1.55 0.00	29.87 1.80 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.63 2.44 0.00	25.68 1.68 0.00	30.34 1.91 0.00	27.57 1.64 0.00	32.69 1.83 0.00	25.18 1.33 0.00
RAVENSWOOD_GT_6 24253	25.14 1.18 0.00	25.15 1.20 0.00	24.05 1.02 0.00	24.94 1.13 0.00	22.98 1.05 0.00	25.97 1.24 0.00	27.09 1.68 0.00	27.59 1.82 0.00	26.59 1.55 0.00	26.76 1.56 0.00	29.29 1.72 0.00	29.94 1.71 0.00	40.00 2.21 0.00	31.39 1.72 0.00	26.96 1.55 0.00	29.87 1.80 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.63 2.44 0.00	25.68 1.68 0.00	30.34 1.91 0.00	27.57 1.64 0.00	32.69 1.83 0.00	25.18 1.33 0.00
RAVENSWOOD_GT_7 24255	25.14 1.18 0.00	25.15 1.20 0.00	24.05 1.02 0.00	24.94 1.13 0.00	22.98 1.05 0.00	25.97 1.24 0.00	27.09 1.68 0.00	27.59 1.82 0.00	26.59 1.55 0.00	26.76 1.56 0.00	29.29 1.72 0.00	29.94 1.71 0.00	40.00 2.21 0.00	31.39 1.72 0.00	26.96 1.55 0.00	29.87 1.80 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.63 2.44 0.00	25.68 1.68 0.00	30.34 1.91 0.00	27.57 1.64 0.00	32.69 1.83 0.00	25.18 1.33 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.14 1.18 0.00	25.14 1.19 0.00	24.04 1.01 0.00	24.92 1.11 0.00	22.96 1.03 0.00	25.96 1.22 0.00	27.09 1.67 0.00	27.59 1.81 0.00	26.59 1.54 0.00	26.76 1.56 0.00	29.29 1.71 0.00	29.93 1.70 0.00	40.00 2.21 0.00	31.39 1.72 0.00	26.96 1.55 0.00	29.87 1.79 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.62 2.43 0.00	25.68 1.68 0.00	30.34 1.91 0.00	27.57 1.64 0.00	32.69 1.82 0.00	25.17 1.32 0.00
RAVENSWOOD_GT_9 24257	25.14 1.18 0.00	25.14 1.19 0.00	24.04 1.01 0.00	24.92 1.11 0.00	22.96 1.03 0.00	25.96 1.22 0.00	27.09 1.67 0.00	27.59 1.81 0.00	26.59 1.54 0.00	26.76 1.56 0.00	29.29 1.71 0.00	29.93 1.70 0.00	40.00 2.21 0.00	31.39 1.72 0.00	26.96 1.55 0.00	29.87 1.79 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.62 2.43 0.00	25.68 1.68 0.00	30.34 1.91 0.00	27.57 1.64 0.00	32.69 1.82 0.00	25.17 1.32 0.00
RAVENSWOOD___1 23533	25.10 1.14 0.00	25.11 1.15 0.00	23.99 0.96 0.00	24.88 1.07 0.00	22.94 1.01 0.00	25.93 1.19 0.00	27.07 1.66 0.00	27.58 1.81 0.00	26.60 1.56 0.00	26.76 1.56 0.00	29.30 1.73 0.00	29.95 1.72 0.00	40.00 2.21 0.00	31.41 1.75 0.00	26.98 1.57 0.00	29.87 1.80 0.00	32.90 2.05 0.00	33.81 2.45 0.00	34.64 2.45 0.00	25.69 1.70 0.00	30.34 1.92 0.00	27.57 1.63 0.00	32.68 1.81 0.00	25.15 1.31 0.00
RAVENSWOOD___2 23534	25.10 1.14 0.00	25.11 1.15 0.00	23.99 0.96 0.00	24.88 1.07 0.00	22.94 1.01 0.00	25.93 1.19 0.00	27.07 1.66 0.00	27.58 1.81 0.00	26.60 1.56 0.00	26.76 1.56 0.00	29.30 1.73 0.00	29.95 1.72 0.00	40.00 2.21 0.00	31.41 1.75 0.00	26.98 1.57 0.00	29.87 1.80 0.00	32.90 2.05 0.00	33.81 2.45 0.00	34.64 2.45 0.00	25.69 1.70 0.00	30.34 1.92 0.00	27.57 1.63 0.00	32.68 1.81 0.00	25.15 1.31 0.00
RAVENSWOOD___3 23535	25.14 1.17 0.00	25.14 1.19 0.00	24.04 1.01 0.00	24.93 1.11 0.00	22.97 1.04 0.00	25.96 1.22 0.00	27.08 1.67 0.00	27.58 1.81 0.00	26.59 1.55 0.00	26.76 1.56 0.00	29.30 1.72 0.00	29.95 1.72 0.00	40.00 2.21 0.00	31.39 1.72 0.00	26.96 1.56 0.00	29.86 1.79 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.63 2.44 0.00	25.68 1.68 0.00	30.34 1.92 0.00	27.57 1.64 0.00	32.69 1.82 0.00	25.17 1.32 0.00
RAVENSWOOD___4 23820	25.10 1.14 0.00	25.11 1.15 0.00	23.99 0.96 0.00	24.88 1.07 0.00	22.94 1.01 0.00	25.93 1.19 0.00	27.07 1.66 0.00	27.58 1.81 0.00	26.60 1.56 0.00	26.76 1.56 0.00	29.30 1.73 0.00	29.95 1.72 0.00	40.00 2.21 0.00	31.41 1.75 0.00	26.98 1.57 0.00	29.87 1.80 0.00	32.90 2.05 0.00	33.81 2.45 0.00	34.64 2.45 0.00	25.69 1.70 0.00	30.34 1.92 0.00	27.57 1.63 0.00	32.68 1.81 0.00	25.15 1.31 0.00
RCPI_TRUST___DRP 24196	25.13 1.17 0.00	25.14 1.19 0.00	24.03 1.01 0.00	24.92 1.11 0.00	22.96 1.03 0.00	25.95 1.21 0.00	27.08 1.67 0.00	27.59 1.82 0.00	26.58 1.54 0.00	26.74 1.55 0.00	29.28 1.70 0.00	29.92 1.70 0.00	39.98 2.19 0.00	31.39 1.72 0.00	26.95 1.54 0.00	29.86 1.78 0.00	32.87 2.02 0.00	33.81 2.45 0.00	34.64 2.45 0.00	25.67 1.68 0.00	30.33 1.90 0.00	27.56 1.63 0.00	32.68 1.81 0.00	25.17 1.31 0.00
RED___ROCHESTER 323720	23.49 -0.47 0.00	23.59 -0.37 0.00	22.65 -0.38 0.00	23.39 -0.43 0.00	21.61 -0.32 0.00	24.38 -0.36 0.00	24.92 -0.49 0.00	25.15 -0.62 0.00	24.46 -0.58 0.00	24.39 -0.81 0.00	26.47 -1.11 0.00	27.02 -1.21 0.00	36.04 -1.76 0.00	28.41 -1.26 0.00	24.20 -1.21 0.00	26.59 -1.48 0.00	29.33 -1.53 0.00	30.45 -0.91 0.00	31.16 -1.03 0.00	22.84 -1.16 0.00	27.21 -1.22 0.00	24.59 -1.34 0.00	29.38 -1.49 0.00	22.57 -1.28 0.00



REGAN____SOLAR 323812	25.39 1.43 0.00	25.44 1.48 0.00	24.42 1.40 0.00	25.40 1.59 0.00	23.36 1.43 0.00	26.46 1.72 0.00	27.53 2.12 0.00	28.00 2.22 0.00	27.25 2.21 0.00	27.19 1.99 0.00	29.55 1.97 0.00	30.25 2.03 0.00	40.72 2.93 0.00	31.91 2.24 0.00	27.28 1.88 0.00	30.28 2.21 0.00	33.18 2.33 0.00	33.45 2.09 0.00	34.85 2.67 0.00	25.92 1.93 0.00	30.65 2.23 0.00	27.95 2.01 0.00	33.01 2.15 0.00	25.41 1.56 0.00
RENSSELAER____COGEN 23796	24.25 0.29 0.00	24.28 0.33 0.00	23.31 0.29 0.00	24.14 0.33 0.00	22.25 0.33 0.00	25.15 0.41 0.00	26.09 0.68 0.00	26.53 0.74 0.00	25.68 0.63 0.00	25.82 0.62 0.00	28.25 0.67 0.00	28.88 0.65 0.00	38.55 0.76 0.00	30.24 0.57 0.00	25.98 0.58 0.00	28.76 0.69 0.00	31.54 0.69 0.00	32.26 0.90 0.00	33.00 0.82 0.00	24.59 0.60 0.00	29.12 0.70 0.00	26.50 0.57 0.00	31.41 0.55 0.00	24.33 0.48 0.00
REPUBLIC_115KV_BARTNBRK 55605	26.40 2.44 0.00	26.46 2.51 0.00	25.34 2.32 0.00	26.25 2.43 0.00	24.30 2.37 0.00	27.79 3.05 0.00	28.85 3.44 0.00	29.51 3.73 0.00	28.69 3.64 0.00	28.74 3.54 0.00	31.35 3.77 0.00	32.32 4.09 0.00	43.18 5.39 0.00	33.61 3.94 0.00	28.63 3.22 0.00	31.66 3.59 0.00	34.76 3.91 0.00	35.39 4.03 0.00	35.89 3.71 0.00	26.84 2.84 0.00	31.72 3.29 0.00	28.83 2.90 0.00	34.30 3.44 0.00	26.60 2.75 0.00
REVERE_CPPR_DRP 24186	24.57 0.61 0.00	24.50 0.55 0.00	23.56 0.54 0.00	24.47 0.65 0.00	22.53 0.60 0.00	25.42 0.69 0.00	26.40 0.99 0.00	26.73 0.95 0.00	26.10 1.06 0.00	26.26 1.07 0.00	28.69 1.12 0.00	29.34 1.12 0.00	39.21 1.42 0.00	30.80 1.13 0.00	26.26 0.86 0.00	29.05 0.98 0.00	31.99 1.14 0.00	32.44 1.08 0.00	33.26 1.08 0.00	24.64 0.64 0.00	29.15 0.73 0.00	26.58 0.64 0.00	31.63 0.76 0.00	24.31 0.47 0.00
REYNOLDS_115KV_TB3 80639	24.44 0.48 0.00	24.49 0.54 0.00	23.51 0.48 0.00	24.34 0.52 0.00	22.44 0.51 0.00	25.37 0.63 0.00	26.31 0.89 0.00	26.74 0.96 0.00	25.88 0.84 0.00	26.02 0.83 0.00	28.48 0.90 0.00	29.10 0.87 0.00	38.85 1.06 0.00	30.49 0.83 0.00	26.20 0.79 0.00	28.97 0.90 0.00	31.74 0.89 0.00	32.46 1.10 0.00	33.19 1.00 0.00	24.74 0.74 0.00	29.31 0.88 0.00	26.68 0.74 0.00	31.62 0.75 0.00	24.52 0.67 0.00
RIVERBAY____ 323610	25.12 1.16 0.00	25.18 1.23 0.00	24.09 1.06 0.00	24.97 1.16 0.00	23.02 1.10 0.00	26.06 1.32 0.00	27.22 1.81 0.00	27.70 1.93 0.00	26.74 1.70 0.00	26.85 1.65 0.00	29.36 1.78 0.00	30.00 1.76 0.00	40.08 2.28 0.00	31.45 1.78 0.00	27.01 1.61 0.00	29.88 1.81 0.00	32.90 2.05 0.00	33.79 2.43 0.00	34.66 2.48 0.00	25.73 1.73 0.00	30.39 1.97 0.00	27.62 1.69 0.00	32.74 1.88 0.00	25.22 1.37 0.00
RIVERSDE_115KV_TB3 55908	24.28 0.31 0.00	24.32 0.36 0.00	23.34 0.32 0.00	24.17 0.36 0.00	22.28 0.35 0.00	25.19 0.46 0.00	26.13 0.72 0.00	26.56 0.79 0.00	25.71 0.67 0.00	25.86 0.66 0.00	28.30 0.71 0.00	28.93 0.70 0.00	38.62 0.83 0.00	30.30 0.64 0.00	26.04 0.63 0.00	28.87 0.80 0.00	31.67 0.82 0.00	32.39 1.03 0.00	33.12 0.94 0.00	24.68 0.68 0.00	29.24 0.82 0.00	26.60 0.67 0.00	31.53 0.67 0.00	24.44 0.59 0.00
ROARING____BROOK_WT_PWR 323790	23.55 -0.41 0.00	23.33 -0.63 0.00	22.48 -0.54 0.00	23.14 -0.68 0.00	21.41 -0.52 0.00	24.34 -0.40 0.00	24.85 -0.56 0.00	24.81 -0.97 0.00	23.86 -1.18 0.00	24.06 -1.14 0.00	26.44 -1.14 0.00	27.14 -1.09 0.00	36.66 -1.13 0.00	28.72 -0.94 0.00	24.52 -0.88 0.00	27.48 -0.59 0.00	30.54 -0.31 0.00	30.91 -0.45 0.00	31.32 -0.86 0.00	23.26 -0.74 0.00	27.47 -0.95 0.00	25.14 -0.79 0.00	30.02 -0.85 0.00	23.18 -0.66 0.00
ROCHESRG_115KV_T4 355643	23.24 -0.72 0.00	23.33 -0.62 0.00	22.41 -0.61 0.00	23.15 -0.66 0.00	21.42 -0.51 0.00	24.11 -0.63 0.00	24.62 -0.79 0.00	24.81 -0.96 0.00	24.14 -0.90 0.00	24.07 -1.12 0.00	26.13 -1.45 0.00	26.67 -1.56 0.00	35.55 -2.25 0.00	28.03 -1.64 0.00	23.88 -1.53 0.00	26.25 -1.83 0.00	28.93 -1.93 0.00	29.98 -1.38 0.00	30.71 -1.48 0.00	22.52 -1.48 0.00	26.83 -1.59 0.00	24.28 -1.65 0.00	29.03 -1.84 0.00	22.33 -1.52 0.00
ROCHESTER_9_IC 23652	23.40 -0.55 0.00	23.50 -0.46 0.00	22.56 -0.46 0.00	23.31 -0.50 0.00	21.57 -0.36 0.00	24.28 -0.45 0.00	24.82 -0.59 0.00	25.03 -0.75 0.00	24.35 -0.70 0.00	24.28 -0.91 0.00	26.36 -1.21 0.00	26.91 -1.32 0.00	35.86 -1.93 0.00	28.28 -1.39 0.00	24.08 -1.33 0.00	26.47 -1.60 0.00	29.19 -1.67 0.00	30.27 -1.09 0.00	30.99 -1.19 0.00	22.72 -1.28 0.00	27.06 -1.36 0.00	24.48 -1.45 0.00	29.25 -1.62 0.00	22.48 -1.36 0.00
ROCKVIEW_13_KV_LD 356306	25.14 1.18 0.00	25.13 1.18 0.00	24.02 1.00 0.00	24.91 1.09 0.00	22.94 1.01 0.00	25.93 1.19 0.00	27.04 1.63 0.00	27.56 1.78 0.00	26.60 1.55 0.00	26.77 1.57 0.00	29.31 1.73 0.00	29.95 1.72 0.00	39.99 2.20 0.00	31.38 1.72 0.00	26.94 1.53 0.00	29.84 1.77 0.00	32.85 2.00 0.00	33.79 2.43 0.00	34.61 2.42 0.00	25.67 1.67 0.00	30.35 1.92 0.00	27.59 1.66 0.00	32.71 1.84 0.00	25.18 1.33 0.00
ROME____115KV_TB2 80656	24.57 0.61 0.00	24.50 0.55 0.00	23.56 0.54 0.00	24.47 0.65 0.00	22.53 0.60 0.00	25.42 0.69 0.00	26.40 0.99 0.00	26.73 0.95 0.00	26.10 1.06 0.00	26.26 1.07 0.00	28.69 1.12 0.00	29.34 1.12 0.00	39.21 1.42 0.00	30.80 1.13 0.00	26.26 0.86 0.00	29.05 0.98 0.00	31.99 1.14 0.00	32.44 1.08 0.00	33.26 1.08 0.00	24.64 0.64 0.00	29.15 0.73 0.00	26.58 0.64 0.00	31.63 0.76 0.00	24.31 0.47 0.00
ROSETON____1 23587	24.85 0.89 0.00	24.87 0.92 0.00	23.81 0.79 0.00	24.69 0.88 0.00	22.74 0.81 0.00	25.69 0.95 0.00	26.73 1.32 0.00	27.20 1.42 0.00	26.25 1.21 0.00	26.42 1.22 0.00	28.93 1.35 0.00	29.56 1.33 0.00	39.48 1.69 0.00	30.96 1.29 0.00	26.58 1.17 0.00	29.43 1.36 0.00	32.40 1.55 0.00	33.27 1.91 0.00	34.06 1.88 0.00	25.28 1.28 0.00	29.90 1.48 0.00	27.21 1.28 0.00	32.28 1.41 0.00	24.88 1.04 0.00
ROSETON____2 23588	24.85 0.89 0.00	24.87 0.92 0.00	23.81 0.79 0.00	24.69 0.88 0.00	22.74 0.81 0.00	25.69 0.95 0.00	26.73 1.32 0.00	27.20 1.42 0.00	26.25 1.21 0.00	26.42 1.22 0.00	28.93 1.35 0.00	29.56 1.33 0.00	39.48 1.69 0.00	30.96 1.29 0.00	26.58 1.17 0.00	29.43 1.36 0.00	32.40 1.55 0.00	33.27 1.91 0.00	34.06 1.88 0.00	25.28 1.28 0.00	29.90 1.48 0.00	27.21 1.28 0.00	32.28 1.41 0.00	24.88 1.04 0.00
ROTTDRAM_115KV_TB3 80664	24.67 0.71 0.00	24.70 0.75 0.00	23.72 0.69 0.00	24.56 0.75 0.00	22.61 0.68 0.00	25.59 0.85 0.00	26.52 1.11 0.00	26.96 1.18 0.00	26.10 1.07 0.00	26.24 1.05 0.00	28.71 1.14 0.00	29.38 1.15 0.00	39.25 1.46 0.00	30.79 1.13 0.00	26.41 1.00 0.00	29.18 1.11 0.00	32.05 1.19 0.00	32.71 1.36 0.00	33.50 1.32 0.00	24.94 0.94 0.00	29.51 1.09 0.00	26.86 0.93 0.00	31.92 1.05 0.00	24.68 0.83 0.00



RUSSELL___1 23602	23.49 -0.47 0.00	23.59 -0.37 0.00	22.65 -0.38 0.00	23.39 -0.42 0.00	21.64 -0.29 0.00	24.38 -0.36 0.00	24.93 -0.49 0.00	25.14 -0.64 0.00	24.46 -0.58 0.00	24.40 -0.80 0.00	26.49 -1.09 0.00	27.04 -1.19 0.00	36.04 -1.75 0.00	28.42 -1.25 0.00	24.20 -1.21 0.00	26.59 -1.48 0.00	29.34 -1.52 0.00	30.43 -0.92 0.00	31.15 -1.03 0.00	22.84 -1.16 0.00	27.20 -1.22 0.00	24.59 -1.34 0.00	29.38 -1.48 0.00	22.58 -1.27 0.00
RUSSELL___2 23532	23.49 -0.47 0.00	23.59 -0.37 0.00	22.65 -0.38 0.00	23.39 -0.42 0.00	21.64 -0.29 0.00	24.38 -0.36 0.00	24.93 -0.49 0.00	25.14 -0.64 0.00	24.46 -0.58 0.00	24.40 -0.80 0.00	26.49 -1.09 0.00	27.04 -1.19 0.00	36.04 -1.75 0.00	28.42 -1.25 0.00	24.20 -1.21 0.00	26.59 -1.48 0.00	29.34 -1.52 0.00	30.43 -0.92 0.00	31.15 -1.03 0.00	22.84 -1.16 0.00	27.20 -1.22 0.00	24.59 -1.34 0.00	29.38 -1.48 0.00	22.58 -1.27 0.00
RUSSELL___3 23549	23.49 -0.47 0.00	23.59 -0.37 0.00	22.65 -0.38 0.00	23.39 -0.42 0.00	21.64 -0.29 0.00	24.38 -0.36 0.00	24.93 -0.49 0.00	25.14 -0.64 0.00	24.46 -0.58 0.00	24.40 -0.80 0.00	26.49 -1.09 0.00	27.04 -1.19 0.00	36.04 -1.75 0.00	28.42 -1.25 0.00	24.20 -1.21 0.00	26.59 -1.48 0.00	29.34 -1.52 0.00	30.43 -0.92 0.00	31.15 -1.03 0.00	22.84 -1.16 0.00	27.20 -1.22 0.00	24.59 -1.34 0.00	29.38 -1.48 0.00	22.58 -1.27 0.00
RUSSELL___4 23556	23.49 -0.47 0.00	23.59 -0.37 0.00	22.65 -0.38 0.00	23.39 -0.42 0.00	21.64 -0.29 0.00	24.38 -0.36 0.00	24.93 -0.49 0.00	25.14 -0.64 0.00	24.46 -0.58 0.00	24.40 -0.80 0.00	26.49 -1.09 0.00	27.04 -1.19 0.00	36.04 -1.75 0.00	28.42 -1.25 0.00	24.20 -1.21 0.00	26.59 -1.48 0.00	29.34 -1.52 0.00	30.43 -0.92 0.00	31.15 -1.03 0.00	22.84 -1.16 0.00	27.20 -1.22 0.00	24.59 -1.34 0.00	29.38 -1.48 0.00	22.58 -1.27 0.00
RUSSELL___STATION 23914	23.49 -0.47 0.00	23.59 -0.37 0.00	22.65 -0.38 0.00	23.39 -0.42 0.00	21.64 -0.29 0.00	24.38 -0.36 0.00	24.93 -0.49 0.00	25.14 -0.64 0.00	24.46 -0.58 0.00	24.40 -0.80 0.00	26.49 -1.09 0.00	27.04 -1.19 0.00	36.04 -1.75 0.00	28.42 -1.25 0.00	24.20 -1.21 0.00	26.59 -1.48 0.00	29.34 -1.52 0.00	30.43 -0.92 0.00	31.15 -1.03 0.00	22.84 -1.16 0.00	27.20 -1.22 0.00	24.59 -1.34 0.00	29.38 -1.48 0.00	22.58 -1.27 0.00
S SALMON___HYD 24043	23.56 -0.40 0.00	23.41 -0.54 0.00	22.48 -0.55 0.00	23.38 -0.43 0.00	21.53 -0.40 0.00	24.11 -0.63 0.00	24.85 -0.57 0.00	25.19 -0.59 0.00	24.53 -0.51 0.00	24.71 -0.49 0.00	26.92 -0.66 0.00	27.43 -0.80 0.00	36.65 -1.15 0.00	28.81 -0.86 0.00	24.59 -0.81 0.00	27.22 -0.85 0.00	30.21 -0.64 0.00	30.81 -0.55 0.00	31.46 -0.72 0.00	23.23 -0.77 0.00	27.52 -0.91 0.00	25.18 -0.75 0.00	30.15 -0.71 0.00	23.20 -0.65 0.00
S.PERRY___115KV_TB1 80734	23.46 -0.50 0.00	23.59 -0.36 0.00	22.65 -0.37 0.00	23.33 -0.48 0.00	21.54 -0.39 0.00	24.37 -0.36 0.00	25.09 -0.33 0.00	25.38 -0.40 0.00	24.84 -0.21 0.00	24.64 -0.56 0.00	26.70 -0.88 0.00	27.33 -0.90 0.00	36.32 -1.47 0.00	28.58 -1.09 0.00	24.27 -1.14 0.00	26.81 -1.27 0.00	29.48 -1.38 0.00	30.74 -0.61 0.00	31.75 -0.43 0.00	23.20 -0.80 0.00	27.52 -0.91 0.00	24.83 -1.10 0.00	29.62 -1.25 0.00	22.68 -1.16 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.72 -1.24 0.00	22.89 -1.06 0.00	21.99 -1.03 0.00	22.70 -1.12 0.00	21.04 -0.89 0.00	23.68 -1.06 0.00	24.10 -1.31 0.00	24.22 -1.56 0.00	23.60 -1.44 0.00	23.47 -1.73 0.00	25.37 -2.21 0.00	25.90 -2.33 0.00	34.47 -3.32 0.00	27.19 -2.47 0.00	23.12 -2.28 0.00	25.42 -2.66 0.00	27.99 -2.87 0.00	29.12 -2.24 0.00	29.84 -2.34 0.00	21.78 -2.22 0.00	26.03 -2.39 0.00	23.51 -2.42 0.00	28.19 -2.68 0.00	21.66 -2.19 0.00
SAWYER___23_KV_LOAD 55526	22.72 -1.24 0.00	22.89 -1.06 0.00	21.99 -1.03 0.00	22.70 -1.12 0.00	21.04 -0.89 0.00	23.68 -1.06 0.00	24.10 -1.31 0.00	24.22 -1.56 0.00	23.60 -1.44 0.00	23.47 -1.73 0.00	25.37 -2.21 0.00	25.90 -2.33 0.00	34.47 -3.32 0.00	27.19 -2.47 0.00	23.12 -2.28 0.00	25.42 -2.66 0.00	27.99 -2.87 0.00	29.12 -2.24 0.00	29.84 -2.34 0.00	21.78 -2.22 0.00	26.03 -2.39 0.00	23.51 -2.42 0.00	28.19 -2.68 0.00	21.66 -2.19 0.00
SELKIRK___I 23801	24.39 0.43 0.00	24.43 0.47 0.00	23.45 0.42 0.00	24.28 0.47 0.00	22.38 0.45 0.00	25.27 0.54 0.00	26.19 0.78 0.00	26.62 0.84 0.00	25.77 0.73 0.00	25.92 0.72 0.00	28.36 0.78 0.00	28.99 0.76 0.00	38.73 0.93 0.00	30.38 0.71 0.00	26.09 0.68 0.00	28.87 0.80 0.00	31.68 0.82 0.00	32.39 1.03 0.00	33.18 0.99 0.00	24.70 0.70 0.00	29.25 0.82 0.00	26.62 0.69 0.00	31.59 0.72 0.00	24.44 0.59 0.00
SELKIRK___II 23799	24.36 0.40 0.00	24.39 0.43 0.00	23.42 0.40 0.00	24.26 0.45 0.00	22.35 0.42 0.00	25.25 0.51 0.00	26.19 0.77 0.00	26.61 0.83 0.00	25.77 0.72 0.00	25.91 0.71 0.00	28.35 0.77 0.00	28.98 0.75 0.00	38.69 0.89 0.00	30.34 0.68 0.00	26.07 0.66 0.00	28.84 0.78 0.00	31.66 0.80 0.00	32.38 1.02 0.00	33.15 0.96 0.00	24.68 0.68 0.00	29.23 0.80 0.00	26.60 0.67 0.00	31.56 0.69 0.00	24.42 0.57 0.00
SENECA OSWGO___HYD 24041	23.51 -0.45 0.00	23.53 -0.43 0.00	22.59 -0.43 0.00	23.38 -0.43 0.00	21.51 -0.42 0.00	24.21 -0.52 0.00	24.88 -0.53 0.00	25.17 -0.61 0.00	24.45 -0.59 0.00	24.56 -0.63 0.00	26.83 -0.75 0.00	27.46 -0.77 0.00	36.70 -1.09 0.00	28.82 -0.85 0.00	24.67 -0.74 0.00	27.28 -0.80 0.00	30.01 -0.84 0.00	30.64 -0.71 0.00	31.44 -0.74 0.00	23.35 -0.65 0.00	27.66 -0.77 0.00	25.32 -0.61 0.00	30.22 -0.65 0.00	23.34 -0.51 0.00
SENECA___115KV_TB3 355854	22.95 -1.01 0.00	23.13 -0.83 0.00	22.22 -0.81 0.00	22.92 -0.89 0.00	21.23 -0.70 0.00	23.92 -0.81 0.00	24.41 -1.00 0.00	24.54 -1.23 0.00	23.93 -1.11 0.00	23.80 -1.39 0.00	25.75 -1.83 0.00	26.32 -1.91 0.00	35.03 -2.76 0.00	27.61 -2.06 0.00	23.47 -1.94 0.00	25.82 -2.25 0.00	28.44 -2.41 0.00	29.59 -1.77 0.00	30.32 -1.86 0.00	22.12 -1.88 0.00	26.41 -2.01 0.00	23.86 -2.07 0.00	28.60 -2.26 0.00	21.93 -1.92 0.00
SENECA___ENERGY 23797	23.42 -0.54 0.00	23.46 -0.49 0.00	22.52 -0.50 0.00	23.31 -0.51 0.00	21.46 -0.46 0.00	24.25 -0.49 0.00	24.99 -0.43 0.00	25.31 -0.46 0.00	24.62 -0.42 0.00	24.63 -0.56 0.00	26.84 -0.74 0.00	27.43 -0.80 0.00	36.58 -1.21 0.00	28.78 -0.89 0.00	24.57 -0.83 0.00	27.15 -0.92 0.00	29.89 -0.97 0.00	30.70 -0.66 0.00	31.59 -0.59 0.00	23.33 -0.67 0.00	27.60 -0.82 0.00	25.13 -0.80 0.00	29.97 -0.89 0.00	23.06 -0.79 0.00
SHOEMAKER___GT 23640	24.73 0.77 0.00	24.74 0.78 0.00	23.70 0.68 0.00	24.57 0.76 0.00	22.63 0.70 0.00	25.55 0.82 0.00	26.55 1.14 0.00	27.01 1.24 0.00	26.08 1.04 0.00	26.24 1.05 0.00	28.73 1.15 0.00	29.33 1.10 0.00	39.15 1.36 0.00	30.66 1.00 0.00	26.32 0.92 0.00	29.16 1.09 0.00	32.16 1.30 0.00	33.03 1.68 0.00	33.83 1.65 0.00	25.10 1.11 0.00	29.70 1.28 0.00	27.04 1.11 0.00	32.09 1.23 0.00	24.73 0.88 0.00



SHOEMAKR_138KV_BK 111 55601	24.72 0.76 0.00	24.74 0.78 0.00	23.69 0.67 0.00	24.56 0.75 0.00	22.60 0.68 0.00	25.54 0.80 0.00	26.54 1.13 0.00	27.00 1.23 0.00	26.07 1.02 0.00	26.22 1.03 0.00	28.70 1.13 0.00	29.32 1.09 0.00	39.15 1.36 0.00	30.67 1.00 0.00	26.33 0.92 0.00	29.17 1.09 0.00	32.15 1.29 0.00	33.02 1.66 0.00	33.82 1.63 0.00	25.10 1.10 0.00	29.70 1.28 0.00	27.03 1.10 0.00	32.08 1.22 0.00	24.73 0.88 0.00
SHOREHAM_IC_1 23715	24.99 1.03 0.00	40.83 1.38 -15.49	24.24 1.22 0.00	28.40 1.42 -3.17	23.96 1.28 -0.75	26.13 1.39 0.00	27.36 1.95 0.00	27.47 1.69 0.00	26.52 1.48 0.00	26.57 1.37 0.00	29.63 1.61 -0.44	43.11 1.62 -13.26	40.27 1.97 -0.51	44.46 1.86 -12.93	28.08 1.63 -1.04	29.88 1.81 0.00	32.71 1.86 0.00	33.75 2.39 0.00	34.53 2.35 0.00	25.62 1.63 0.00	30.36 1.94 0.00	27.60 1.67 0.00	32.73 1.86 0.00	25.97 1.53 -0.59
SHOREHAM_IC_2 23716	24.99 1.03 0.00	40.83 1.38 -15.49	24.24 1.22 0.00	28.40 1.42 -3.17	23.96 1.28 -0.75	26.13 1.39 0.00	27.36 1.95 0.00	27.47 1.69 0.00	26.52 1.48 0.00	26.57 1.37 0.00	29.63 1.61 -0.44	43.11 1.62 -13.26	40.27 1.97 -0.51	44.46 1.86 -12.93	28.08 1.63 -1.04	29.88 1.81 0.00	32.71 1.86 0.00	33.75 2.39 0.00	34.53 2.35 0.00	25.62 1.63 0.00	30.36 1.94 0.00	27.60 1.67 0.00	32.73 1.86 0.00	25.97 1.53 -0.59
SISSONVILLE____ 23735	24.26 0.30 0.00	24.10 0.15 0.00	23.22 0.20 0.00	23.98 0.17 0.00	22.10 0.17 0.00	24.91 0.18 0.00	25.41 -0.01 0.00	25.83 0.05 0.00	25.29 0.25 0.00	25.58 0.38 0.00	28.11 0.53 0.00	28.82 0.59 0.00	38.76 0.97 0.00	30.40 0.74 0.00	25.83 0.43 0.00	28.32 0.24 0.00	31.12 0.27 0.00	31.28 -0.07 0.00	32.07 -0.11 0.00	24.04 0.04 0.00	28.47 0.04 0.00	27.43 0.02 -1.48	31.60 0.07 -0.66	23.89 0.04 0.00
SITHE_IND_GS1 24169	23.28 -0.68 0.00	23.29 -0.67 0.00	22.37 -0.65 0.00	23.15 -0.67 0.00	21.29 -0.64 0.00	23.95 -0.78 0.00	24.57 -0.85 0.00	24.81 -0.97 0.00	24.10 -0.94 0.00	24.21 -0.98 0.00	26.45 -1.13 0.00	27.07 -1.16 0.00	36.20 -1.59 0.00	28.43 -1.24 0.00	24.34 -1.07 0.00	26.90 -1.18 0.00	29.58 -1.27 0.00	30.18 -1.18 0.00	30.96 -1.22 0.00	23.03 -0.97 0.00	27.29 -1.14 0.00	25.01 -0.92 0.00	29.88 -0.99 0.00	23.10 -0.74 0.00
SITHE_IND_GS2 24170	23.28 -0.68 0.00	23.29 -0.67 0.00	22.37 -0.65 0.00	23.15 -0.67 0.00	21.29 -0.64 0.00	23.95 -0.78 0.00	24.57 -0.85 0.00	24.81 -0.97 0.00	24.10 -0.94 0.00	24.21 -0.98 0.00	26.45 -1.13 0.00	27.07 -1.16 0.00	36.20 -1.59 0.00	28.43 -1.24 0.00	24.34 -1.07 0.00	26.90 -1.18 0.00	29.58 -1.27 0.00	30.18 -1.18 0.00	30.96 -1.22 0.00	23.03 -0.97 0.00	27.29 -1.14 0.00	25.01 -0.92 0.00	29.88 -0.99 0.00	23.10 -0.74 0.00
SITHE_IND_GS3 24171	23.28 -0.68 0.00	23.29 -0.67 0.00	22.37 -0.65 0.00	23.15 -0.67 0.00	21.29 -0.64 0.00	23.95 -0.78 0.00	24.57 -0.85 0.00	24.81 -0.97 0.00	24.10 -0.94 0.00	24.21 -0.98 0.00	26.45 -1.13 0.00	27.07 -1.16 0.00	36.20 -1.59 0.00	28.43 -1.24 0.00	24.34 -1.07 0.00	26.90 -1.18 0.00	29.58 -1.27 0.00	30.18 -1.18 0.00	30.96 -1.22 0.00	23.03 -0.97 0.00	27.29 -1.14 0.00	25.01 -0.92 0.00	29.88 -0.99 0.00	23.10 -0.74 0.00
SITHE_IND_GS4 24172	23.28 -0.68 0.00	23.29 -0.67 0.00	22.37 -0.65 0.00	23.15 -0.67 0.00	21.29 -0.64 0.00	23.95 -0.78 0.00	24.57 -0.85 0.00	24.81 -0.97 0.00	24.10 -0.94 0.00	24.21 -0.98 0.00	26.45 -1.13 0.00	27.07 -1.16 0.00	36.20 -1.59 0.00	28.43 -1.24 0.00	24.34 -1.07 0.00	26.90 -1.18 0.00	29.58 -1.27 0.00	30.18 -1.18 0.00	30.96 -1.22 0.00	23.03 -0.97 0.00	27.29 -1.14 0.00	25.01 -0.92 0.00	29.88 -0.99 0.00	23.10 -0.74 0.00
SITHE____BATAVIA 24024	23.50 -0.46 0.00	23.64 -0.32 0.00	22.69 -0.34 0.00	23.42 -0.40 0.00	21.68 -0.24 0.00	24.49 -0.25 0.00	25.01 -0.40 0.00	25.23 -0.55 0.00	24.57 -0.47 0.00	24.46 -0.74 0.00	26.43 -1.16 0.00	26.97 -1.27 0.00	35.92 -1.88 0.00	28.34 -1.32 0.00	24.11 -1.29 0.00	26.45 -1.62 0.00	29.15 -1.71 0.00	30.33 -1.03 0.00	31.04 -1.14 0.00	22.69 -1.31 0.00	27.09 -1.33 0.00	24.40 -1.54 0.00	29.16 -1.70 0.00	22.40 -1.44 0.00
SITHE____INDEPEND 23800	23.28 -0.68 0.00	23.29 -0.67 0.00	22.37 -0.65 0.00	23.15 -0.66 0.00	21.30 -0.63 0.00	23.95 -0.78 0.00	24.57 -0.85 0.00	24.80 -0.98 0.00	24.10 -0.95 0.00	24.21 -0.98 0.00	26.46 -1.12 0.00	27.07 -1.16 0.00	36.19 -1.60 0.00	28.43 -1.24 0.00	24.34 -1.07 0.00	26.89 -1.18 0.00	29.59 -1.27 0.00	30.18 -1.18 0.00	30.96 -1.22 0.00	23.03 -0.97 0.00	27.29 -1.14 0.00	25.01 -0.92 0.00	29.88 -0.99 0.00	23.10 -0.74 0.00
SITHE____MASSENA 23902	24.21 0.25 0.00	24.13 0.18 0.00	23.25 0.23 0.00	23.97 0.16 0.00	22.10 0.17 0.00	24.95 0.22 0.00	25.43 0.02 0.00	25.80 0.02 0.00	25.20 0.15 0.00	25.41 0.22 0.00	27.92 0.34 0.00	28.65 0.41 0.00	38.50 0.70 0.00	30.23 0.56 0.00	25.82 0.41 0.00	28.43 0.36 0.00	31.22 0.37 0.00	31.41 0.05 0.00	32.25 0.06 0.00	24.19 0.19 0.00	28.66 0.24 0.00	26.37 0.16 -0.28	31.16 0.17 -0.12	23.99 0.14 0.00
SITHE____OGDNSBRG 24021	24.58 0.62 0.00	24.47 0.51 0.00	23.60 0.57 0.00	24.34 0.52 0.00	22.44 0.51 0.00	25.39 0.65 0.00	25.90 0.48 0.00	26.32 0.54 0.00	25.78 0.74 0.00	26.02 0.82 0.00	28.60 1.02 0.00	29.34 1.11 0.00	39.43 1.64 0.00	30.94 1.28 0.00	26.36 0.96 0.00	28.93 0.86 0.00	31.78 0.93 0.00	31.93 0.57 0.00	32.80 0.62 0.00	24.60 0.60 0.00	29.13 0.71 0.00	27.51 0.57 -1.01	31.97 0.65 -0.45	24.32 0.47 0.00
SITHE____STERLING 23777	24.42 0.47 0.00	24.40 0.44 0.00	23.46 0.44 0.00	24.34 0.53 0.00	22.40 0.47 0.00	25.29 0.56 0.00	26.26 0.85 0.00	26.59 0.81 0.00	25.90 0.85 0.00	26.04 0.84 0.00	28.45 0.87 0.00	29.12 0.90 0.00	38.95 1.16 0.00	30.58 0.92 0.00	26.10 0.69 0.00	28.86 0.79 0.00	31.70 0.84 0.00	32.16 0.81 0.00	33.00 0.81 0.00	24.47 0.48 0.00	28.96 0.53 0.00	26.41 0.48 0.00	31.43 0.56 0.00	24.21 0.36 0.00
SLEIGHT__34_KV_TB1 80719	23.35 -0.61 0.00	23.41 -0.54 0.00	22.48 -0.55 0.00	23.24 -0.57 0.00	21.44 -0.49 0.00	24.18 -0.55 0.00	24.81 -0.60 0.00	25.08 -0.70 0.00	24.41 -0.63 0.00	24.38 -0.82 0.00	26.54 -1.04 0.00	27.13 -1.10 0.00	36.18 -1.61 0.00	28.48 -1.19 0.00	24.30 -1.11 0.00	26.79 -1.28 0.00	29.51 -1.34 0.00	30.40 -0.96 0.00	31.16 -1.02 0.00	22.97 -1.03 0.00	27.24 -1.19 0.00	24.73 -1.21 0.00	29.50 -1.37 0.00	22.70 -1.15 0.00
SOUTH CAIRO____GT 23612	25.32 1.36 0.00	25.36 1.41 0.00	24.35 1.32 0.00	25.22 1.40 0.00	23.25 1.33 0.00	26.41 1.67 0.00	27.52 2.11 0.00	28.06 2.28 0.00	27.25 2.21 0.00	27.35 2.15 0.00	29.84 2.26 0.00	30.35 2.12 0.00	40.21 2.42 0.00	31.36 1.70 0.00	27.12 1.71 0.00	30.14 2.08 0.00	33.20 2.35 0.00	34.12 2.77 0.00	34.89 2.71 0.00	25.94 1.95 0.00	30.68 2.26 0.00	27.83 1.89 0.00	32.92 2.05 0.00	25.43 1.59 0.00



SOUTH HAMPTN___IC 23720	25.41 1.45 0.00	41.19 1.75 -15.49	24.61 1.58 0.00	28.78 1.79 -3.17	24.32 1.64 -0.75	26.56 1.82 0.00	27.81 2.40 0.00	28.00 2.22 0.00	26.99 1.95 0.00	27.13 1.93 0.00	30.25 2.23 -0.44	43.71 2.22 -13.26	41.03 2.73 -0.51	45.02 2.42 -12.93	28.58 2.12 -1.04	30.42 2.34 0.00	33.42 2.57 0.00	34.56 3.21 0.00	35.26 3.08 0.00	26.11 2.11 0.00	30.90 2.48 0.00	28.06 2.13 0.00	33.26 2.40 0.00	26.34 1.90 -0.59
SOUTHDOW_115KV_TB1 355954	23.38 -0.58 0.00	23.54 -0.42 0.00	22.64 -0.39 0.00	23.24 -0.58 0.00	21.53 -0.39 0.00	24.41 -0.33 0.00	25.06 -0.36 0.00	25.49 -0.28 0.00	24.80 -0.24 0.00	24.71 -0.48 0.00	26.75 -0.83 0.00	27.38 -0.85 0.00	36.50 -1.29 0.00	28.72 -0.95 0.00	24.52 -0.89 0.00	27.13 -0.95 0.00	29.75 -1.10 0.00	30.80 -0.56 0.00	31.59 -0.59 0.00	23.00 -1.00 0.00	27.42 -1.01 0.00	24.86 -1.07 0.00	29.83 -1.04 0.00	22.70 -1.15 0.00
SOUTHOLD_69_KV_BK 2 55809	25.68 1.72 0.00	41.45 2.01 -15.49	24.86 1.83 0.00	29.04 2.05 -3.17	24.56 1.88 -0.75	26.85 2.12 0.00	28.13 2.71 0.00	28.39 2.61 0.00	27.33 2.28 0.00	27.48 2.29 0.00	30.57 2.55 -0.44	44.07 2.57 -13.26	41.56 3.26 -0.51	45.40 2.80 -12.93	28.91 2.46 -1.04	30.79 2.71 0.00	33.85 2.99 0.00	35.08 3.72 0.00	35.76 3.58 0.00	26.45 2.46 0.00	31.31 2.89 0.00	28.39 2.46 0.00	33.63 2.77 0.00	26.60 2.16 -0.59
SOUTHOLD___IC 23719	25.68 1.72 0.00	41.45 2.01 -15.49	24.86 1.83 0.00	29.04 2.06 -3.17	24.57 1.89 -0.75	26.85 2.12 0.00	28.13 2.71 0.00	28.34 2.56 0.00	27.32 2.28 0.00	27.49 2.29 0.00	30.62 2.60 -0.44	44.12 2.62 -13.26	41.54 3.24 -0.51	45.41 2.81 -12.93	28.91 2.46 -1.04	30.79 2.71 0.00	33.88 3.03 0.00	35.08 3.72 0.00	35.76 3.58 0.00	26.45 2.45 0.00	31.29 2.87 0.00	28.39 2.46 0.00	33.64 2.77 0.00	26.60 2.16 -0.59
SOUTH_FORK_WT_PWR 323839	25.74 1.78 0.00	41.51 2.07 -15.49	24.91 1.89 0.00	29.09 2.11 -3.17	24.61 1.93 -0.75	26.92 2.18 0.00	28.20 2.79 0.00	28.50 2.72 0.00	27.38 2.34 0.00	27.57 2.37 0.00	30.66 2.64 -0.44	44.14 2.65 -13.26	41.66 3.36 -0.51	45.47 2.87 -12.93	28.97 2.52 -1.04	30.85 2.78 0.00	33.97 3.11 0.00	35.26 3.90 0.00	35.88 3.70 0.00	26.51 2.51 0.00	31.38 2.96 0.00	28.45 2.52 0.00	33.71 2.84 0.00	26.66 2.22 -0.59
SPIERFLS_115KV_TB 1 80737	24.85 0.89 0.00	24.91 0.95 0.00	23.91 0.89 0.00	24.77 0.96 0.00	22.84 0.91 0.00	25.95 1.21 0.00	26.97 1.55 0.00	27.41 1.63 0.00	26.55 1.51 0.00	26.70 1.50 0.00	29.19 1.60 0.00	30.00 1.77 0.00	40.10 2.31 0.00	31.20 1.54 0.00	26.73 1.32 0.00	29.49 1.42 0.00	32.28 1.43 0.00	32.82 1.46 0.00	33.45 1.27 0.00	24.95 0.96 0.00	29.44 1.02 0.00	26.83 0.90 0.00	32.15 1.28 0.00	24.94 1.09 0.00
ST LAWRENCE___ 23600	23.93 -0.03 0.00	23.86 -0.09 0.00	23.00 -0.03 0.00	23.71 -0.11 0.00	21.85 -0.07 0.00	24.67 -0.07 0.00	25.13 -0.28 0.00	25.50 -0.28 0.00	24.88 -0.17 0.00	25.10 -0.09 0.00	27.58 0.00 0.00	28.29 0.06 0.00	38.02 0.22 0.00	29.86 0.19 0.00	25.53 0.12 0.00	28.13 0.06 0.00	30.89 0.03 0.00	31.08 -0.28 0.00	31.91 -0.28 0.00	23.94 -0.06 0.00	28.37 -0.05 0.00	25.82 -0.11 0.00	30.71 -0.16 0.00	23.74 -0.10 0.00
STATE_CA_115KV_115_LB 55624	24.39 0.43 0.00	24.43 0.48 0.00	23.45 0.42 0.00	24.28 0.47 0.00	22.38 0.45 0.00	25.31 0.58 0.00	26.26 0.85 0.00	26.71 0.93 0.00	25.86 0.82 0.00	26.01 0.81 0.00	28.46 0.88 0.00	29.10 0.87 0.00	38.85 1.06 0.00	30.48 0.82 0.00	26.19 0.78 0.00	28.95 0.88 0.00	31.73 0.87 0.00	32.45 1.09 0.00	33.20 1.01 0.00	24.72 0.72 0.00	29.27 0.85 0.00	26.63 0.70 0.00	31.57 0.71 0.00	24.45 0.60 0.00
STATE_ST_34_KV_LOAD 55959	23.83 -0.13 0.00	23.87 -0.08 0.00	22.93 -0.09 0.00	23.72 -0.09 0.00	21.83 -0.10 0.00	24.62 -0.12 0.00	25.35 -0.06 0.00	25.73 -0.05 0.00	24.95 -0.09 0.00	25.05 -0.15 0.00	27.35 -0.23 0.00	27.92 -0.31 0.00	37.27 -0.52 0.00	29.27 -0.40 0.00	25.03 -0.38 0.00	27.67 -0.41 0.00	30.61 -0.24 0.00	31.37 0.01 0.00	32.10 -0.09 0.00	23.81 -0.19 0.00	28.11 -0.31 0.00	25.65 -0.28 0.00	30.59 -0.28 0.00	23.58 -0.27 0.00
STATION 5_MISC_HYD 23604	23.41 -0.56 0.00	23.49 -0.46 0.00	22.56 -0.46 0.00	23.30 -0.51 0.00	21.54 -0.39 0.00	24.28 -0.45 0.00	24.81 -0.60 0.00	25.04 -0.74 0.00	24.35 -0.69 0.00	24.27 -0.92 0.00	26.34 -1.24 0.00	26.89 -1.34 0.00	35.86 -1.93 0.00	28.27 -1.40 0.00	24.08 -1.33 0.00	26.47 -1.60 0.00	29.18 -1.68 0.00	30.28 -1.08 0.00	30.99 -1.19 0.00	22.72 -1.28 0.00	27.07 -1.35 0.00	24.48 -1.46 0.00	29.24 -1.62 0.00	22.49 -1.36 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.60 -0.36 0.00	23.66 -0.29 0.00	22.71 -0.31 0.00	23.48 -0.33 0.00	21.68 -0.24 0.00	24.46 -0.28 0.00	25.10 -0.32 0.00	25.36 -0.42 0.00	24.68 -0.36 0.00	24.65 -0.55 0.00	26.82 -0.76 0.00	27.40 -0.83 0.00	36.52 -1.27 0.00	28.79 -0.88 0.00	24.55 -0.85 0.00	27.05 -1.02 0.00	29.78 -1.07 0.00	30.72 -0.64 0.00	31.53 -0.66 0.00	23.20 -0.80 0.00	27.54 -0.88 0.00	24.98 -0.95 0.00	29.81 -1.05 0.00	22.92 -0.93 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.27 -0.69 0.00	23.35 -0.60 0.00	22.43 -0.60 0.00	23.17 -0.65 0.00	21.42 -0.51 0.00	24.13 -0.60 0.00	24.67 -0.74 0.00	24.89 -0.88 0.00	24.22 -0.82 0.00	24.17 -1.03 0.00	26.26 -1.32 0.00	26.81 -1.42 0.00	35.73 -2.06 0.00	28.17 -1.50 0.00	24.00 -1.41 0.00	26.39 -1.68 0.00	29.09 -1.76 0.00	30.13 -1.23 0.00	30.85 -1.33 0.00	22.64 -1.36 0.00	26.95 -1.47 0.00	24.39 -1.55 0.00	29.13 -1.73 0.00	22.40 -1.45 0.00
STA_56___34_KV_BUS2 355983	23.27 -0.69 0.00	23.35 -0.60 0.00	22.43 -0.60 0.00	23.17 -0.65 0.00	21.42 -0.51 0.00	24.13 -0.60 0.00	24.67 -0.74 0.00	24.89 -0.88 0.00	24.22 -0.82 0.00	24.17 -1.03 0.00	26.26 -1.32 0.00	26.81 -1.42 0.00	35.73 -2.06 0.00	28.17 -1.50 0.00	24.00 -1.41 0.00	26.39 -1.68 0.00	29.09 -1.76 0.00	30.13 -1.23 0.00	30.85 -1.33 0.00	22.64 -1.36 0.00	26.95 -1.47 0.00	24.39 -1.55 0.00	29.13 -1.73 0.00	22.40 -1.45 0.00
STA_67___115KV_BK2 355882	23.37 -0.60 0.00	23.46 -0.50 0.00	22.53 -0.50 0.00	23.27 -0.54 0.00	21.53 -0.40 0.00	24.24 -0.50 0.00	24.77 -0.64 0.00	24.98 -0.80 0.00	24.30 -0.75 0.00	24.24 -0.96 0.00	26.31 -1.27 0.00	26.85 -1.38 0.00	35.78 -2.01 0.00	28.21 -1.46 0.00	24.03 -1.38 0.00	26.41 -1.66 0.00	29.12 -1.73 0.00	30.20 -1.16 0.00	30.92 -1.26 0.00	22.67 -1.32 0.00	27.01 -1.42 0.00	24.43 -1.50 0.00	29.20 -1.66 0.00	22.45 -1.40 0.00
STA_7___115KV_9TRANS 80674	23.49 -0.47 0.00	23.59 -0.37 0.00	22.65 -0.38 0.00	23.39 -0.42 0.00	21.64 -0.29 0.00	24.38 -0.36 0.00	24.93 -0.49 0.00	25.14 -0.64 0.00	24.46 -0.58 0.00	24.40 -0.80 0.00	26.49 -1.09 0.00	27.04 -1.19 0.00	36.04 -1.75 0.00	28.42 -1.25 0.00	24.20 -1.21 0.00	26.59 -1.48 0.00	29.34 -1.52 0.00	30.43 -0.92 0.00	31.15 -1.03 0.00	22.84 -1.16 0.00	27.20 -1.22 0.00	24.59 -1.34 0.00	29.38 -1.48 0.00	22.58 -1.27 0.00



STA_82___115KV_TB1 80780	23.35 -0.62 0.00	23.44 -0.52 0.00	22.51 -0.51 0.00	23.25 -0.56 0.00	21.52 -0.41 0.00	24.22 -0.51 0.00	24.75 -0.66 0.00	24.96 -0.82 0.00	24.29 -0.76 0.00	24.21 -0.98 0.00	26.29 -1.29 0.00	26.83 -1.40 0.00	35.75 -2.04 0.00	28.20 -1.47 0.00	24.01 -1.40 0.00	26.40 -1.68 0.00	29.10 -1.75 0.00	30.17 -1.19 0.00	30.90 -1.28 0.00	22.66 -1.34 0.00	26.99 -1.44 0.00	24.41 -1.52 0.00	29.18 -1.69 0.00	22.43 -1.42 0.00
STEEL___WIND 323596	22.92 -1.04 0.00	23.10 -0.85 0.00	22.20 -0.83 0.00	22.89 -0.92 0.00	21.18 -0.75 0.00	23.90 -0.84 0.00	24.39 -1.03 0.00	24.53 -1.25 0.00	23.89 -1.15 0.00	23.75 -1.45 0.00	25.67 -1.91 0.00	26.24 -1.99 0.00	34.96 -2.83 0.00	27.55 -2.12 0.00	23.42 -1.99 0.00	25.77 -2.30 0.00	28.38 -2.48 0.00	29.54 -1.82 0.00	30.26 -1.92 0.00	22.08 -1.92 0.00	26.38 -2.05 0.00	23.81 -2.13 0.00	28.55 -2.31 0.00	21.89 -1.95 0.00
STEPHTWN_115KV_BK_2 55603	24.54 0.58 0.00	24.56 0.61 0.00	23.59 0.57 0.00	24.43 0.61 0.00	22.55 0.62 0.00	25.51 0.77 0.00	26.53 1.12 0.00	26.99 1.21 0.00	26.08 1.04 0.00	26.18 0.98 0.00	28.65 1.07 0.00	29.31 1.08 0.00	39.09 1.30 0.00	30.67 1.01 0.00	26.27 0.86 0.00	29.18 1.11 0.00	31.93 1.08 0.00	32.74 1.38 0.00	33.56 1.38 0.00	24.98 0.98 0.00	29.54 1.12 0.00	26.89 0.95 0.00	31.88 1.01 0.00	24.63 0.78 0.00
STEBEN_REC_LFGE 323667	22.11 -1.85 0.00	22.25 -1.70 0.00	21.33 -1.70 0.00	22.14 -1.67 0.00	20.33 -1.60 0.00	23.02 -1.72 0.00	23.80 -1.62 0.00	24.26 -1.52 0.00	23.77 -1.27 0.00	23.82 -1.37 0.00	25.75 -1.83 0.00	26.23 -2.00 0.00	34.69 -3.10 0.00	27.19 -2.47 0.00	23.04 -2.37 0.00	25.49 -2.59 0.00	28.14 -2.72 0.00	29.38 -1.98 0.00	30.59 -1.59 0.00	22.16 -1.84 0.00	26.05 -2.38 0.00	23.56 -2.37 0.00	28.13 -2.73 0.00	21.50 -2.35 0.00
STILLWATER___SOLAR 323814	24.93 0.97 0.00	24.98 1.02 0.00	23.98 0.95 0.00	24.84 1.02 0.00	22.89 0.96 0.00	25.94 1.20 0.00	26.94 1.53 0.00	27.40 1.62 0.00	26.53 1.49 0.00	26.66 1.47 0.00	29.15 1.57 0.00	29.86 1.63 0.00	39.88 2.09 0.00	31.22 1.55 0.00	26.77 1.37 0.00	29.59 1.52 0.00	32.45 1.60 0.00	33.11 1.76 0.00	33.82 1.64 0.00	25.19 1.19 0.00	29.80 1.38 0.00	27.12 1.19 0.00	32.26 1.39 0.00	24.99 1.14 0.00
STONY___BROOK 24151	25.32 1.37 0.00	40.97 1.52 -15.49	24.38 1.35 0.00	28.48 1.50 -3.17	24.04 1.36 -0.75	26.24 1.50 0.00	27.39 1.98 0.00	27.72 1.95 0.00	26.75 1.71 0.00	26.94 1.75 0.00	30.11 2.09 -0.44	43.55 2.06 -13.26	40.76 2.46 -0.51	44.74 2.14 -12.93	28.31 1.86 -1.04	30.13 2.06 0.00	33.14 2.28 0.00	34.28 2.92 0.00	34.92 2.74 0.00	25.86 1.86 0.00	30.58 2.16 0.00	27.81 1.88 0.00	32.95 2.09 0.00	26.07 1.63 -0.59
STURGEON_POOL_HYD 23609	25.03 1.07 0.00	25.05 1.09 0.00	23.97 0.94 0.00	24.85 1.04 0.00	22.88 0.95 0.00	25.85 1.11 0.00	26.93 1.51 0.00	27.41 1.63 0.00	26.44 1.40 0.00	26.59 1.40 0.00	29.13 1.55 0.00	29.78 1.55 0.00	39.77 1.98 0.00	31.12 1.46 0.00	26.72 1.31 0.00	29.63 1.55 0.00	32.64 1.78 0.00	33.55 2.19 0.00	34.39 2.21 0.00	25.52 1.52 0.00	30.16 1.74 0.00	27.44 1.51 0.00	32.54 1.67 0.00	25.06 1.21 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.82 0.86 0.00	24.83 0.88 0.00	23.77 0.75 0.00	24.64 0.83 0.00	22.69 0.76 0.00	25.64 0.90 0.00	26.68 1.27 0.00	27.12 1.35 0.00	26.18 1.13 0.00	26.32 1.12 0.00	28.82 1.24 0.00	29.46 1.22 0.00	39.33 1.54 0.00	30.84 1.18 0.00	26.48 1.07 0.00	29.34 1.26 0.00	32.30 1.45 0.00	33.17 1.82 0.00	34.01 1.83 0.00	25.24 1.24 0.00	29.86 1.43 0.00	27.18 1.25 0.00	32.25 1.38 0.00	24.84 1.00 0.00
SWANROAD_115KV_TB1 355699	22.41 -1.55 0.00	22.58 -1.37 0.00	21.70 -1.32 0.00	22.40 -1.41 0.00	20.79 -1.14 0.00	23.38 -1.35 0.00	23.74 -1.68 0.00	23.80 -1.98 0.00	23.20 -1.84 0.00	23.07 -2.13 0.00	24.90 -2.68 0.00	25.39 -2.84 0.00	33.76 -4.03 0.00	26.67 -3.00 0.00	22.68 -2.72 0.00	24.90 -3.18 0.00	27.43 -3.43 0.00	28.50 -2.86 0.00	29.12 -3.07 0.00	21.27 -2.73 0.00	25.46 -2.96 0.00	22.95 -2.98 0.00	27.52 -3.35 0.00	21.21 -2.64 0.00
SYNERGY___BIOGAS 323694	23.50 -0.46 0.00	23.64 -0.32 0.00	22.69 -0.34 0.00	23.42 -0.40 0.00	21.68 -0.24 0.00	24.49 -0.25 0.00	25.01 -0.40 0.00	25.23 -0.55 0.00	24.57 -0.47 0.00	24.46 -0.74 0.00	26.43 -1.16 0.00	26.97 -1.27 0.00	35.92 -1.88 0.00	28.34 -1.32 0.00	24.11 -1.29 0.00	26.45 -1.62 0.00	29.15 -1.71 0.00	30.33 -1.03 0.00	31.04 -1.14 0.00	22.69 -1.31 0.00	27.09 -1.33 0.00	24.40 -1.54 0.00	29.16 -1.70 0.00	22.40 -1.44 0.00
SYRACUSE___ENERGY_ST1 323597	23.76 -0.20 0.00	23.80 -0.15 0.00	22.87 -0.16 0.00	23.64 -0.17 0.00	21.74 -0.18 0.00	24.50 -0.24 0.00	25.20 -0.21 0.00	25.48 -0.29 0.00	24.77 -0.28 0.00	24.85 -0.34 0.00	27.15 -0.43 0.00	27.78 -0.45 0.00	37.13 -0.66 0.00	29.16 -0.50 0.00	24.95 -0.45 0.00	27.59 -0.48 0.00	30.36 -0.49 0.00	31.00 -0.36 0.00	31.82 -0.36 0.00	23.63 -0.36 0.00	27.98 -0.44 0.00	25.59 -0.34 0.00	30.53 -0.33 0.00	23.56 -0.28 0.00
SYRACUSE___ENERGY_ST2 323598	23.76 -0.20 0.00	23.80 -0.15 0.00	22.87 -0.16 0.00	23.64 -0.17 0.00	21.74 -0.18 0.00	24.50 -0.24 0.00	25.20 -0.21 0.00	25.48 -0.29 0.00	24.77 -0.28 0.00	24.85 -0.34 0.00	27.15 -0.43 0.00	27.78 -0.45 0.00	37.13 -0.66 0.00	29.16 -0.50 0.00	24.95 -0.45 0.00	27.59 -0.48 0.00	30.36 -0.49 0.00	31.00 -0.36 0.00	31.82 -0.36 0.00	23.63 -0.36 0.00	27.98 -0.44 0.00	25.59 -0.34 0.00	30.53 -0.33 0.00	23.56 -0.28 0.00
SYRACUSE___POWER 24017	23.78 -0.18 0.00	23.80 -0.16 0.00	22.86 -0.17 0.00	23.65 -0.16 0.00	21.76 -0.17 0.00	24.51 -0.23 0.00	25.23 -0.18 0.00	25.54 -0.24 0.00	24.81 -0.23 0.00	24.90 -0.29 0.00	27.21 -0.37 0.00	27.85 -0.38 0.00	37.22 -0.57 0.00	29.23 -0.43 0.00	25.01 -0.40 0.00	27.65 -0.42 0.00	30.43 -0.43 0.00	31.08 -0.28 0.00	31.90 -0.28 0.00	23.67 -0.33 0.00	28.03 -0.39 0.00	25.64 -0.30 0.00	30.58 -0.28 0.00	23.60 -0.24 0.00
TALLMAN___138KV_BK151 55660	24.94 0.98 0.00	24.95 1.00 0.00	23.86 0.84 0.00	24.75 0.93 0.00	22.79 0.86 0.00	25.74 1.01 0.00	26.81 1.40 0.00	27.26 1.48 0.00	26.26 1.21 0.00	26.41 1.21 0.00	28.93 1.35 0.00	29.57 1.34 0.00	39.49 1.70 0.00	30.98 1.31 0.00	26.61 1.20 0.00	29.48 1.41 0.00	32.46 1.61 0.00	33.39 2.04 0.00	34.21 2.02 0.00	25.36 1.36 0.00	30.01 1.59 0.00	27.33 1.40 0.00	32.44 1.58 0.00	24.98 1.13 0.00
TEALLAVE_115KV_TB7 355573	23.65 -0.31 0.00	23.67 -0.28 0.00	22.73 -0.29 0.00	23.53 -0.28 0.00	21.65 -0.28 0.00	24.37 -0.36 0.00	25.06 -0.36 0.00	25.35 -0.43 0.00	24.63 -0.41 0.00	24.73 -0.47 0.00	27.02 -0.56 0.00	27.65 -0.58 0.00	36.97 -0.82 0.00	29.04 -0.63 0.00	24.85 -0.56 0.00	27.47 -0.60 0.00	30.22 -0.63 0.00	30.87 -0.49 0.00	31.69 -0.50 0.00	23.51 -0.49 0.00	27.84 -0.58 0.00	25.48 -0.46 0.00	30.40 -0.46 0.00	23.47 -0.38 0.00



TELGRAPH_34_KV_EAST 80808	22.97 -1.00 0.00	23.13 -0.83 0.00	22.22 -0.81 0.00	22.93 -0.89 0.00	21.27 -0.66 0.00	23.95 -0.79 0.00	24.39 -1.02 0.00	24.53 -1.25 0.00	23.92 -1.12 0.00	23.80 -1.39 0.00	25.71 -1.87 0.00	26.23 -1.99 0.00	34.90 -2.89 0.00	27.55 -2.12 0.00	23.43 -1.98 0.00	25.70 -2.37 0.00	28.33 -2.52 0.00	29.45 -1.91 0.00	30.12 -2.06 0.00	22.01 -1.99 0.00	26.30 -2.13 0.00	23.71 -2.22 0.00	28.40 -2.47 0.00	21.84 -2.00 0.00
TEMPLE___115KV_TB 2 55572	23.66 -0.30 0.00	23.68 -0.27 0.00	22.74 -0.28 0.00	23.54 -0.28 0.00	21.66 -0.27 0.00	24.39 -0.35 0.00	25.08 -0.34 0.00	25.37 -0.41 0.00	24.64 -0.40 0.00	24.75 -0.45 0.00	27.04 -0.54 0.00	27.67 -0.56 0.00	37.00 -0.79 0.00	29.05 -0.61 0.00	24.87 -0.54 0.00	27.49 -0.58 0.00	30.24 -0.62 0.00	30.90 -0.46 0.00	31.70 -0.48 0.00	23.52 -0.48 0.00	27.86 -0.56 0.00	25.49 -0.45 0.00	30.42 -0.45 0.00	23.48 -0.36 0.00
TIANA___69_KV_BK 1 55817	25.33 1.37 0.00	41.11 1.67 -15.49	24.52 1.50 0.00	28.68 1.70 -3.17	24.22 1.54 -0.75	26.46 1.72 0.00	27.70 2.29 0.00	27.94 2.16 0.00	26.89 1.85 0.00	27.02 1.82 0.00	30.08 2.06 -0.44	43.55 2.06 -13.26	40.89 2.59 -0.51	44.89 2.29 -12.93	28.47 2.02 -1.04	30.30 2.23 0.00	33.26 2.41 0.00	34.41 3.05 0.00	35.12 2.94 0.00	26.01 2.02 0.00	30.81 2.38 0.00	27.97 2.04 0.00	33.15 2.28 0.00	26.25 1.81 -0.59
TILDEN___115KV_TB1 80814	23.78 -0.18 0.00	23.80 -0.16 0.00	22.86 -0.17 0.00	23.65 -0.16 0.00	21.76 -0.17 0.00	24.51 -0.23 0.00	25.23 -0.18 0.00	25.54 -0.24 0.00	24.81 -0.23 0.00	24.90 -0.29 0.00	27.21 -0.37 0.00	27.85 -0.38 0.00	37.22 -0.57 0.00	29.23 -0.43 0.00	25.01 -0.40 0.00	27.65 -0.42 0.00	30.43 -0.43 0.00	31.08 -0.28 0.00	31.90 -0.28 0.00	23.67 -0.33 0.00	28.03 -0.39 0.00	25.64 -0.30 0.00	30.58 -0.28 0.00	23.60 -0.24 0.00
TRIGEN___CC 323695	25.39 1.43 0.00	40.95 1.51 -15.49	24.34 1.32 0.00	28.41 1.43 -3.17	23.99 1.32 -0.75	26.24 1.50 0.00	27.34 1.92 0.00	27.77 1.99 0.00	26.80 1.75 0.00	26.97 1.77 0.00	30.05 2.03 -0.44	43.52 2.03 -13.26	40.88 2.58 -0.51	44.65 2.05 -12.93	28.28 1.82 -1.04	30.11 2.04 0.00	33.09 2.23 0.00	34.11 2.75 0.00	34.87 2.69 0.00	25.86 1.86 0.00	30.62 2.19 0.00	27.83 1.90 0.00	33.00 2.14 0.00	26.05 1.61 -0.59
TRINITY___115KV__ 4 BK 55933	24.23 0.27 0.00	24.27 0.31 0.00	23.30 0.27 0.00	24.12 0.31 0.00	22.23 0.30 0.00	25.14 0.40 0.00	26.07 0.66 0.00	26.51 0.73 0.00	25.67 0.62 0.00	25.81 0.61 0.00	28.24 0.66 0.00	28.87 0.64 0.00	38.54 0.75 0.00	30.24 0.57 0.00	25.98 0.57 0.00	28.79 0.72 0.00	31.58 0.73 0.00	32.30 0.94 0.00	33.03 0.85 0.00	24.61 0.62 0.00	29.15 0.73 0.00	26.52 0.59 0.00	31.45 0.58 0.00	24.36 0.51 0.00
UNION___PROCESSING_DRP 323587	23.35 -0.61 0.00	23.45 -0.51 0.00	22.52 -0.51 0.00	23.26 -0.55 0.00	21.53 -0.40 0.00	24.23 -0.50 0.00	24.76 -0.65 0.00	24.97 -0.81 0.00	24.29 -0.75 0.00	24.22 -0.97 0.00	26.29 -1.28 0.00	26.84 -1.39 0.00	35.77 -2.02 0.00	28.21 -1.46 0.00	24.03 -1.38 0.00	26.41 -1.67 0.00	29.11 -1.75 0.00	30.18 -1.17 0.00	30.91 -1.27 0.00	22.66 -1.34 0.00	27.00 -1.43 0.00	24.42 -1.51 0.00	29.18 -1.69 0.00	22.44 -1.41 0.00
UPPER HUDSON___HYD 24058	24.85 0.89 0.00	24.91 0.95 0.00	23.91 0.89 0.00	24.77 0.96 0.00	22.84 0.91 0.00	25.95 1.21 0.00	26.97 1.55 0.00	27.41 1.63 0.00	26.55 1.51 0.00	26.70 1.50 0.00	29.19 1.61 0.00	30.00 1.77 0.00	40.09 2.30 0.00	31.21 1.54 0.00	26.72 1.32 0.00	29.49 1.42 0.00	32.29 1.43 0.00	32.81 1.46 0.00	33.45 1.27 0.00	24.96 0.96 0.00	29.43 1.01 0.00	26.83 0.90 0.00	32.15 1.28 0.00	24.94 1.09 0.00
UPPER RAQUET___HYD 24056	24.26 0.30 0.00	24.10 0.15 0.00	23.22 0.20 0.00	23.98 0.17 0.00	22.10 0.17 0.00	24.91 0.18 0.00	25.41 -0.01 0.00	25.83 0.06 0.00	25.29 0.25 0.00	25.58 0.38 0.00	28.10 0.52 0.00	28.82 0.59 0.00	38.76 0.97 0.00	30.40 0.74 0.00	25.83 0.43 0.00	28.32 0.24 0.00	31.12 0.27 0.00	31.28 -0.07 0.00	32.07 -0.11 0.00	24.04 0.04 0.00	28.47 0.04 0.00	27.43 0.02 -1.48	31.60 0.07 -0.66	23.89 0.04 0.00
VALLEY44_115KV_TB2 355964	23.72 -0.24 0.00	23.86 -0.10 0.00	22.88 -0.14 0.00	23.67 -0.14 0.00	21.85 -0.08 0.00	24.55 -0.19 0.00	25.21 -0.20 0.00	25.45 -0.32 0.00	24.69 -0.35 0.00	24.59 -0.61 0.00	26.77 -0.81 0.00	27.38 -0.85 0.00	36.49 -1.30 0.00	28.78 -0.89 0.00	24.43 -0.97 0.00	26.93 -1.14 0.00	29.59 -1.26 0.00	30.77 -0.59 0.00	31.67 -0.52 0.00	23.14 -0.86 0.00	27.57 -0.85 0.00	25.02 -0.91 0.00	30.08 -0.79 0.00	22.97 -0.88 0.00
VALLEY___115KV_TB 1-4 80826	24.00 0.04 0.00	23.98 0.02 0.00	23.02 -0.01 0.00	24.04 0.22 0.00	22.14 0.21 0.00	25.06 0.32 0.00	26.10 0.68 0.00	26.65 0.87 0.00	25.86 0.82 0.00	25.95 0.76 0.00	28.38 0.80 0.00	29.03 0.80 0.00	38.76 0.97 0.00	30.39 0.72 0.00	25.92 0.51 0.00	28.49 0.42 0.00	31.27 0.42 0.00	31.81 0.45 0.00	32.89 0.71 0.00	24.51 0.51 0.00	28.86 0.43 0.00	26.46 0.53 0.00	31.44 0.58 0.00	24.22 0.37 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.63 0.67 0.00	24.64 0.69 0.00	23.69 0.67 0.00	24.55 0.73 0.00	22.70 0.78 0.00	25.51 0.78 0.00	26.41 0.99 0.00	26.89 1.11 0.00	26.02 0.98 0.00	26.17 0.97 0.00	28.65 1.07 0.00	29.25 1.02 0.00	39.11 1.32 0.00	30.63 0.97 0.00	26.23 0.82 0.00	28.94 0.87 0.00	31.86 1.01 0.00	32.69 1.33 0.00	33.56 1.37 0.00	24.88 0.89 0.00	29.45 1.03 0.00	26.83 0.90 0.00	31.92 1.05 0.00	24.56 0.71 0.00
VISCHER___FERRY HYD 24020	24.64 0.68 0.00	24.69 0.73 0.00	23.69 0.67 0.00	24.54 0.73 0.00	22.62 0.69 0.00	25.59 0.86 0.00	26.57 1.16 0.00	27.00 1.22 0.00	26.15 1.11 0.00	26.27 1.08 0.00	28.75 1.17 0.00	29.40 1.17 0.00	39.25 1.46 0.00	30.80 1.13 0.00	26.44 1.03 0.00	29.22 1.15 0.00	32.03 1.17 0.00	32.71 1.35 0.00	33.44 1.26 0.00	24.92 0.92 0.00	29.53 1.11 0.00	26.87 0.93 0.00	31.89 1.02 0.00	24.72 0.87 0.00
V_A_10_SYNC_DSASP 323832	22.76 -1.21 0.00	22.90 -1.06 0.00	21.99 -1.03 0.00	22.70 -1.11 0.00	21.01 -0.92 0.00	23.66 -1.07 0.00	24.09 -1.32 0.00	24.24 -1.53 0.00	23.58 -1.46 0.00	23.46 -1.74 0.00	25.38 -2.20 0.00	25.89 -2.34 0.00	34.53 -3.26 0.00	27.23 -2.43 0.00	23.19 -2.22 0.00	25.48 -2.59 0.00	28.04 -2.81 0.00	29.17 -2.19 0.00	29.86 -2.32 0.00	21.85 -2.15 0.00	26.11 -2.31 0.00	23.60 -2.33 0.00	28.27 -2.59 0.00	21.75 -2.10 0.00
V_CMM_10_SYNC_DSASP 323787	24.03 0.07 0.00	23.96 0.01 0.00	23.10 0.07 0.00	23.80 -0.01 0.00	21.94 0.01 0.00	24.78 0.04 0.00	25.25 -0.16 0.00	25.61 -0.17 0.00	24.99 -0.05 0.00	25.21 0.01 0.00	27.70 0.12 0.00	28.42 0.19 0.00	38.18 0.39 0.00	29.99 0.32 0.00	25.64 0.23 0.00	28.25 0.18 0.00	31.02 0.17 0.00	31.22 -0.14 0.00	32.04 -0.14 0.00	24.05 0.05 0.00	28.50 0.08 0.00	25.94 0.01 0.00	30.84 -0.03 0.00	23.85 0.00 0.00



V_CMP_10_SYNC_DSASP 323788	24.94 0.97 0.00	24.66 0.70 0.00	23.65 0.63 0.00	24.37 0.55 0.00	22.33 0.40 0.00	24.89 0.15 0.00	25.24 -0.17 0.00	25.90 0.12 0.00	25.40 0.36 0.00	26.02 0.82 0.00	28.87 1.29 0.00	29.74 1.51 0.00	40.22 2.43 0.00	31.58 1.92 0.00	26.59 1.19 0.00	28.83 0.76 0.00	31.08 0.22 0.00	31.32 -0.03 0.00	32.03 -0.15 0.00	24.36 0.36 0.00	28.72 0.29 0.00	16.05 -0.29 9.59	26.02 -0.56 4.28	23.68 -0.17 0.00
V_E_10_SYNC_DSASP 323830	24.82 0.86 0.00	24.78 0.83 0.00	23.78 0.76 0.00	24.76 0.95 0.00	22.71 0.78 0.00	25.61 0.88 0.00	26.62 1.20 0.00	27.18 1.41 0.00	26.56 1.52 0.00	26.79 1.60 0.00	29.37 1.79 0.00	30.25 2.02 0.00	40.56 2.76 0.00	31.72 2.06 0.00	26.87 1.46 0.00	29.38 1.31 0.00	32.56 1.71 0.00	33.58 2.22 0.00	34.58 2.39 0.00	25.45 1.45 0.00	30.09 1.66 0.00	27.31 1.38 0.00	32.62 1.76 0.00	24.93 1.09 0.00
V_F_30_NSYNC___DSASP 323816	24.97 1.01 0.00	25.01 1.06 0.00	24.01 0.98 0.00	24.87 1.05 0.00	22.92 0.99 0.00	25.97 1.23 0.00	26.97 1.56 0.00	27.43 1.66 0.00	26.57 1.52 0.00	26.69 1.49 0.00	29.20 1.62 0.00	29.90 1.67 0.00	39.93 2.14 0.00	31.26 1.59 0.00	26.81 1.41 0.00	29.62 1.55 0.00	32.51 1.66 0.00	33.15 1.79 0.00	33.88 1.70 0.00	25.22 1.22 0.00	29.83 1.41 0.00	27.15 1.22 0.00	32.30 1.44 0.00	25.01 1.17 0.00
V_F_30_SYNC_DSASP 323786	24.39 0.43 0.00	24.43 0.47 0.00	23.45 0.42 0.00	24.28 0.47 0.00	22.38 0.45 0.00	25.31 0.57 0.00	26.26 0.85 0.00	26.70 0.92 0.00	25.86 0.82 0.00	26.01 0.81 0.00	28.45 0.87 0.00	29.09 0.86 0.00	38.84 1.05 0.00	30.48 0.82 0.00	26.19 0.78 0.00	28.95 0.88 0.00	31.73 0.87 0.00	32.44 1.08 0.00	33.19 1.01 0.00	24.72 0.72 0.00	29.27 0.84 0.00	26.63 0.70 0.00	31.57 0.71 0.00	24.44 0.59 0.00
V_XM_10_SYNC_DSASP 323789	24.94 0.97 0.00	24.66 0.70 0.00	23.65 0.63 0.00	24.37 0.55 0.00	22.33 0.40 0.00	24.89 0.15 0.00	25.24 -0.17 0.00	25.90 0.12 0.00	25.40 0.36 0.00	26.02 0.82 0.00	28.87 1.29 0.00	29.74 1.51 0.00	40.22 2.43 0.00	31.58 1.92 0.00	26.59 1.19 0.00	28.83 0.76 0.00	31.08 0.22 0.00	31.32 -0.03 0.00	32.03 -0.15 0.00	24.36 0.36 0.00	28.72 0.29 0.00	16.05 -0.29 9.59	26.02 -0.56 4.28	23.68 -0.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.01 1.05 0.00	25.03 1.07 0.00	23.93 0.91 0.00	24.82 1.01 0.00	22.86 0.93 0.00	25.82 1.09 0.00	26.89 1.48 0.00	27.35 1.57 0.00	26.36 1.32 0.00	26.51 1.32 0.00	29.04 1.46 0.00	29.67 1.44 0.00	39.63 1.84 0.00	31.09 1.43 0.00	26.70 1.30 0.00	29.58 1.51 0.00	32.58 1.73 0.00	33.51 2.15 0.00	34.33 2.15 0.00	25.44 1.45 0.00	30.11 1.69 0.00	27.43 1.50 0.00	32.55 1.68 0.00	25.06 1.21 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.18 1.22 0.00	25.18 1.23 0.00	24.08 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.00 1.27 0.00	27.14 1.73 0.00	27.66 1.88 0.00	26.64 1.60 0.00	26.82 1.62 0.00	29.36 1.78 0.00	30.01 1.78 0.00	40.09 2.30 0.00	31.47 1.81 0.00	27.02 1.62 0.00	29.94 1.86 0.00	32.96 2.11 0.00	33.90 2.54 0.00	34.73 2.54 0.00	25.74 1.74 0.00	30.39 1.97 0.00	27.62 1.68 0.00	32.74 1.88 0.00	25.21 1.36 0.00
W50THST__13_KV_LOAD 356117	25.29 1.33 0.00	25.29 1.34 0.00	24.17 1.15 0.00	25.06 1.25 0.00	23.09 1.16 0.00	26.12 1.38 0.00	27.28 1.87 0.00	27.81 2.03 0.00	26.82 1.78 0.00	27.00 1.80 0.00	29.57 1.99 0.00	30.23 2.00 0.00	40.40 2.61 0.00	31.72 2.05 0.00	27.23 1.83 0.00	30.18 2.11 0.00	33.22 2.37 0.00	34.16 2.80 0.00	34.98 2.80 0.00	25.92 1.92 0.00	30.60 2.17 0.00	27.79 1.85 0.00	32.94 2.07 0.00	25.35 1.50 0.00
WADING RIVER_IC_1 23522	24.96 0.99 0.00	40.81 1.36 -15.49	24.23 1.21 0.00	28.38 1.40 -3.17	23.94 1.26 -0.75	26.10 1.37 0.00	27.35 1.93 0.00	27.45 1.67 0.00	26.49 1.44 0.00	26.54 1.34 0.00	29.60 1.58 -0.44	43.07 1.58 -13.26	40.23 1.93 -0.51	44.42 1.82 -12.93	28.07 1.62 -1.04	29.86 1.78 0.00	32.68 1.83 0.00	33.73 2.37 0.00	34.49 2.31 0.00	25.59 1.59 0.00	30.34 1.92 0.00	27.58 1.64 0.00	32.69 1.82 0.00	25.95 1.51 -0.59
WADING RIVER_IC_2 23547	24.96 0.99 0.00	40.81 1.36 -15.49	24.23 1.21 0.00	28.38 1.40 -3.17	23.94 1.26 -0.75	26.10 1.37 0.00	27.35 1.93 0.00	27.45 1.67 0.00	26.49 1.44 0.00	26.54 1.34 0.00	29.60 1.58 -0.44	43.07 1.58 -13.26	40.23 1.93 -0.51	44.42 1.82 -12.93	28.07 1.62 -1.04	29.86 1.78 0.00	32.68 1.83 0.00	33.73 2.37 0.00	34.49 2.31 0.00	25.59 1.59 0.00	30.34 1.92 0.00	27.58 1.64 0.00	32.69 1.82 0.00	25.95 1.51 -0.59
WADING RIVER_IC_3 23601	24.96 0.99 0.00	40.81 1.36 -15.49	24.23 1.21 0.00	28.38 1.40 -3.17	23.94 1.26 -0.75	26.10 1.37 0.00	27.35 1.93 0.00	27.45 1.67 0.00	26.49 1.44 0.00	26.54 1.34 0.00	29.60 1.58 -0.44	43.07 1.58 -13.26	40.23 1.93 -0.51	44.42 1.82 -12.93	28.07 1.62 -1.04	29.86 1.78 0.00	32.68 1.83 0.00	33.73 2.37 0.00	34.49 2.31 0.00	25.59 1.59 0.00	30.34 1.92 0.00	27.58 1.64 0.00	32.69 1.82 0.00	25.95 1.51 -0.59
WALDENNY_12_KV_BK2 80841	22.96 -1.00 0.00	23.13 -0.83 0.00	22.22 -0.81 0.00	22.93 -0.89 0.00	21.24 -0.69 0.00	23.93 -0.80 0.00	24.42 -1.00 0.00	24.54 -1.23 0.00	23.94 -1.10 0.00	23.81 -1.39 0.00	25.76 -1.82 0.00	26.32 -1.91 0.00	35.03 -2.76 0.00	27.61 -2.06 0.00	23.47 -1.93 0.00	25.81 -2.26 0.00	28.44 -2.41 0.00	29.56 -1.79 0.00	30.30 -1.89 0.00	22.11 -1.89 0.00	26.40 -2.03 0.00	23.83 -2.10 0.00	28.56 -2.31 0.00	21.92 -1.93 0.00
WALDEN___HYDRO 24148	25.04 1.08 0.00	25.05 1.09 0.00	23.97 0.95 0.00	24.86 1.04 0.00	22.89 0.97 0.00	25.88 1.14 0.00	26.95 1.53 0.00	27.43 1.65 0.00	26.47 1.42 0.00	26.61 1.41 0.00	29.15 1.57 0.00	29.76 1.53 0.00	39.68 1.89 0.00	31.00 1.33 0.00	26.61 1.20 0.00	29.52 1.45 0.00	32.61 1.76 0.00	33.58 2.22 0.00	34.41 2.23 0.00	25.53 1.53 0.00	30.19 1.76 0.00	27.46 1.52 0.00	32.56 1.70 0.00	25.07 1.22 0.00
WARRENSBURG____ 23737	24.85 0.89 0.00	24.91 0.95 0.00	23.91 0.89 0.00	24.77 0.96 0.00	22.84 0.91 0.00	25.95 1.21 0.00	26.97 1.55 0.00	27.41 1.63 0.00	26.55 1.51 0.00	26.70 1.50 0.00	29.19 1.61 0.00	30.00 1.77 0.00	40.09 2.30 0.00	31.21 1.54 0.00	26.72 1.32 0.00	29.49 1.42 0.00	32.29 1.43 0.00	32.81 1.46 0.00	33.45 1.27 0.00	24.96 0.96 0.00	29.43 1.01 0.00	26.83 0.90 0.00	32.15 1.28 0.00	24.94 1.09 0.00
WATERSIDE___6 8 9 23538	25.10 1.14 0.00	25.11 1.15 0.00	23.99 0.96 0.00	24.87 1.06 0.00	22.92 0.99 0.00	25.93 1.19 0.00	27.07 1.66 0.00	27.59 1.81 0.00	26.60 1.56 0.00	26.76 1.56 0.00	29.29 1.71 0.00	29.94 1.71 0.00	40.01 2.22 0.00	31.41 1.74 0.00	26.98 1.57 0.00	29.87 1.80 0.00	32.89 2.04 0.00	33.82 2.46 0.00	34.63 2.45 0.00	25.69 1.69 0.00	30.34 1.92 0.00	27.57 1.63 0.00	32.68 1.81 0.00	25.16 1.31 0.00



WATKINRD_115KV_LN8_ILLION 55919	24.09 0.13 0.00	24.09 0.13 0.00	23.13 0.10 0.00	24.03 0.21 0.00	22.13 0.20 0.00	25.03 0.29 0.00	25.94 0.52 0.00	26.39 0.61 0.00	25.61 0.56 0.00	25.72 0.52 0.00	28.12 0.55 0.00	28.76 0.53 0.00	38.43 0.65 0.00	30.15 0.48 0.00	25.79 0.38 0.00	28.46 0.39 0.00	31.27 0.42 0.00	31.85 0.49 0.00	32.78 0.60 0.00	24.41 0.41 0.00	28.85 0.42 0.00	26.37 0.44 0.00	31.34 0.47 0.00	24.16 0.31 0.00
WATSON___69_KV_BK 1 55734	25.57 1.61 0.00	41.19 1.75 -15.49	24.59 1.56 0.00	28.69 1.71 -3.17	24.24 1.57 -0.75	26.51 1.77 0.00	27.67 2.26 0.00	28.03 2.25 0.00	27.04 1.99 0.00	27.22 2.02 0.00	30.35 2.33 -0.44	43.82 2.33 -13.26	41.22 2.92 -0.51	45.07 2.47 -12.93	28.59 2.14 -1.04	30.44 2.37 0.00	33.43 2.58 0.00	34.50 3.15 0.00	35.27 3.09 0.00	26.15 2.15 0.00	30.93 2.51 0.00	28.11 2.18 0.00	33.30 2.43 0.00	26.32 1.88 -0.59
WDELAWARE___HYD 323627	25.06 1.09 0.00	25.05 1.09 0.00	23.98 0.96 0.00	24.88 1.07 0.00	22.93 1.00 0.00	25.90 1.17 0.00	26.97 1.56 0.00	27.46 1.69 0.00	26.53 1.49 0.00	26.63 1.43 0.00	29.20 1.62 0.00	29.85 1.62 0.00	39.63 1.84 0.00	30.84 1.18 0.00	26.41 1.01 0.00	29.31 1.24 0.00	32.40 1.55 0.00	33.29 1.93 0.00	34.17 1.99 0.00	25.34 1.34 0.00	29.99 1.57 0.00	27.28 1.35 0.00	32.36 1.49 0.00	24.90 1.06 0.00
WEST BABYLON___IC 23714	25.59 1.63 0.00	41.17 1.72 -15.49	24.57 1.55 0.00	28.67 1.69 -3.17	24.23 1.55 -0.75	26.49 1.76 0.00	27.64 2.22 0.00	28.02 2.24 0.00	27.04 1.99 0.00	27.22 2.02 0.00	30.35 2.33 -0.44	43.82 2.33 -13.26	41.23 2.93 -0.51	45.04 2.44 -12.93	28.57 2.12 -1.04	30.42 2.35 0.00	33.43 2.57 0.00	34.48 3.13 0.00	35.25 3.07 0.00	26.13 2.13 0.00	30.92 2.50 0.00	28.10 2.17 0.00	33.28 2.42 0.00	26.29 1.85 -0.59
WEST CANADA___HYD 24049	23.98 0.02 0.00	23.98 0.02 0.00	23.04 0.01 0.00	23.86 0.04 0.00	21.97 0.04 0.00	24.79 0.05 0.00	25.52 0.11 0.00	25.90 0.12 0.00	25.14 0.09 0.00	25.28 0.08 0.00	27.66 0.08 0.00	28.29 0.06 0.00	37.86 0.07 0.00	29.72 0.06 0.00	25.44 0.03 0.00	28.13 0.06 0.00	30.96 0.11 0.00	31.50 0.15 0.00	32.32 0.13 0.00	24.07 0.07 0.00	28.49 0.07 0.00	26.01 0.08 0.00	30.96 0.09 0.00	23.91 0.06 0.00
WESTERN_NY_WIND 24143	23.47 -0.49 0.00	23.60 -0.35 0.00	22.66 -0.36 0.00	23.39 -0.42 0.00	21.69 -0.24 0.00	24.45 -0.29 0.00	24.98 -0.44 0.00	25.15 -0.62 0.00	24.53 -0.51 0.00	24.43 -0.77 0.00	26.42 -1.16 0.00	26.96 -1.27 0.00	35.84 -1.95 0.00	28.30 -1.36 0.00	24.07 -1.34 0.00	26.40 -1.67 0.00	29.11 -1.74 0.00	30.25 -1.11 0.00	30.98 -1.21 0.00	22.65 -1.35 0.00	27.02 -1.40 0.00	24.35 -1.58 0.00	29.11 -1.75 0.00	22.37 -1.48 0.00
WESTOVER___LESR 323668	23.89 -0.07 0.00	23.92 -0.04 0.00	22.93 -0.09 0.00	23.78 -0.04 0.00	21.83 -0.09 0.00	24.65 -0.08 0.00	25.46 0.05 0.00	25.84 0.06 0.00	25.01 -0.04 0.00	25.07 -0.12 0.00	27.42 -0.16 0.00	28.03 -0.20 0.00	37.53 -0.26 0.00	29.45 -0.22 0.00	25.14 -0.26 0.00	27.80 -0.27 0.00	30.61 -0.25 0.00	31.43 0.08 0.00	32.35 0.17 0.00	23.89 -0.11 0.00	28.29 -0.14 0.00	25.82 -0.11 0.00	30.85 -0.02 0.00	23.66 -0.19 0.00
WETHRSFD_WT_PWR 323626	22.30 -1.66 0.00	22.59 -1.37 0.00	21.69 -1.34 0.00	22.26 -1.55 0.00	20.52 -1.41 0.00	23.23 -1.51 0.00	23.80 -1.61 0.00	23.98 -1.80 0.00	23.46 -1.58 0.00	23.29 -1.91 0.00	25.27 -2.31 0.00	25.97 -2.26 0.00	34.48 -3.31 0.00	27.08 -2.58 0.00	22.98 -2.43 0.00	25.35 -2.73 0.00	28.00 -2.85 0.00	29.15 -2.21 0.00	29.94 -2.25 0.00	21.81 -2.19 0.00	25.91 -2.51 0.00	23.44 -2.49 0.00	28.06 -2.81 0.00	21.56 -2.29 0.00
WHAVSTOR_138KV_BK127 55557	24.91 0.95 0.00	24.94 0.98 0.00	23.85 0.82 0.00	24.74 0.92 0.00	22.77 0.85 0.00	25.72 0.98 0.00	26.76 1.35 0.00	27.21 1.43 0.00	26.22 1.18 0.00	26.38 1.18 0.00	28.89 1.31 0.00	29.51 1.28 0.00	39.42 1.63 0.00	30.93 1.27 0.00	26.56 1.16 0.00	29.42 1.35 0.00	32.40 1.55 0.00	33.33 1.97 0.00	34.14 1.96 0.00	25.31 1.32 0.00	29.97 1.54 0.00	27.31 1.38 0.00	32.42 1.55 0.00	24.97 1.12 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.91 0.95 0.00	24.94 0.98 0.00	23.85 0.82 0.00	24.74 0.92 0.00	22.77 0.85 0.00	25.72 0.98 0.00	26.76 1.35 0.00	27.21 1.43 0.00	26.22 1.18 0.00	26.38 1.18 0.00	28.89 1.31 0.00	29.51 1.28 0.00	39.42 1.63 0.00	30.93 1.27 0.00	26.56 1.16 0.00	29.42 1.35 0.00	32.40 1.55 0.00	33.33 1.97 0.00	34.14 1.96 0.00	25.31 1.32 0.00	29.97 1.54 0.00	27.31 1.38 0.00	32.42 1.55 0.00	24.97 1.12 0.00
WHITEHAL_115KV_TB1 80871	25.61 1.65 0.00	25.68 1.73 0.00	24.61 1.59 0.00	25.49 1.67 0.00	23.57 1.64 0.00	26.89 2.15 0.00	27.93 2.52 0.00	28.63 2.86 0.00	27.76 2.72 0.00	27.84 2.64 0.00	30.35 2.77 0.00	31.26 3.03 0.00	41.83 4.04 0.00	32.51 2.85 0.00	27.71 2.30 0.00	30.63 2.56 0.00	33.60 2.75 0.00	34.25 2.90 0.00	34.69 2.51 0.00	25.94 1.94 0.00	30.69 2.27 0.00	27.92 1.99 0.00	33.28 2.42 0.00	25.83 1.99 0.00
WHITEPLN_13_KV_LOAD 356215	25.23 1.27 0.00	25.23 1.27 0.00	24.12 1.10 0.00	25.01 1.20 0.00	23.04 1.11 0.00	26.05 1.32 0.00	27.18 1.77 0.00	27.66 1.89 0.00	26.71 1.67 0.00	26.85 1.65 0.00	29.40 1.82 0.00	30.07 1.84 0.00	40.17 2.38 0.00	31.53 1.86 0.00	27.06 1.66 0.00	29.98 1.91 0.00	32.96 2.12 0.00	33.84 2.49 0.00	34.73 2.55 0.00	25.77 1.77 0.00	30.45 2.03 0.00	27.69 1.76 0.00	32.83 1.96 0.00	25.28 1.43 0.00
WM_FLOYD_69_KV_BK2 356380	25.19 1.23 0.00	40.93 1.48 -15.49	24.34 1.32 0.00	28.47 1.49 -3.17	24.03 1.35 -0.75	26.24 1.50 0.00	27.45 2.04 0.00	27.66 1.88 0.00	26.69 1.65 0.00	26.79 1.59 0.00	29.86 1.84 -0.44	43.32 1.83 -13.26	40.59 2.29 -0.51	44.65 2.05 -12.93	28.25 1.80 -1.04	30.07 2.00 0.00	32.94 2.09 0.00	34.02 2.66 0.00	34.78 2.60 0.00	25.80 1.81 0.00	30.54 2.12 0.00	27.76 1.83 0.00	32.91 2.04 0.00	26.06 1.62 -0.59
WOODARD___115KV_TB2 355635	23.61 -0.35 0.00	23.63 -0.33 0.00	22.69 -0.33 0.00	23.49 -0.33 0.00	21.61 -0.32 0.00	24.33 -0.41 0.00	25.01 -0.41 0.00	25.30 -0.48 0.00	24.58 -0.46 0.00	24.68 -0.52 0.00	26.97 -0.61 0.00	27.60 -0.63 0.00	36.89 -0.90 0.00	28.97 -0.69 0.00	24.80 -0.61 0.00	27.42 -0.65 0.00	30.16 -0.70 0.00	30.80 -0.56 0.00	31.61 -0.58 0.00	23.47 -0.53 0.00	27.80 -0.63 0.00	25.44 -0.50 0.00	30.35 -0.51 0.00	23.44 -0.41 0.00
YORK___WARBASSE 23770	25.20 1.24 0.00	25.20 1.25 0.00	24.07 1.05 0.00	24.96 1.15 0.00	23.00 1.07 0.00	26.02 1.29 0.00	27.17 1.76 0.00	27.68 1.90 0.00	26.65 1.61 0.00	26.79 1.60 0.00	29.33 1.75 0.00	29.98 1.75 0.00	40.09 2.30 0.00	31.50 1.84 0.00	27.06 1.66 0.00	29.96 1.89 0.00	33.02 2.17 0.00	33.92 2.56 0.00	34.77 2.59 0.00	25.82 1.82 0.00	30.49 2.06 0.00	27.69 1.76 0.00	32.83 1.97 0.00	25.27 1.43 0.00