

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/04/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	24.91	24.90	25.23	26.47	25.55	31.21	40.09	44.11	42.10	39.72	40.10	33.48	45.42	35.59	39.92	39.44	35.87	51.17	38.06	31.23	34.68	32.86	34.56	34.28
24138	1.06	1.00	0.98	0.95	0.95	1.46	2.61	3.11	2.95	2.65	2.74	2.16	1.87	2.37	2.69	2.99	2.96	4.21	3.19	2.44	2.62	2.20	1.91	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	-13.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24.93	24.90	25.23	26.47	25.55	31.19	40.03	44.05	42.01	39.64	40.02	33.41	45.31	35.52	39.84	39.35	35.79	51.09	38.00	31.21	34.64	32.84	34.54	34.25
24260	1.08	1.00	0.98	0.95	0.95	1.44	2.55	3.05	2.87	2.56	2.67	2.10	1.81	2.29	2.60	2.90	2.88	4.13	3.13	2.42	2.59	2.18	1.89	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	24.93	24.90	25.23	26.47	25.55	31.19	40.03	44.05	42.01	39.64	40.02	33.41	45.31	35.52	39.84	39.35	35.79	51.09	38.00	31.21	34.64	32.84	34.54	34.25
24261	1.08	1.00	0.98	0.95	0.95	1.44	2.55	3.05	2.87	2.56	2.67	2.10	1.81	2.29	2.60	2.90	2.88	4.13	3.13	2.42	2.59	2.18	1.89	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.28	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	25.50	25.57	25.88	27.04	25.83	31.08	39.44	43.74	41.51	39.19	39.43	32.64	31.47	34.71	38.83	38.32	34.81	49.80	36.81	30.35	33.83	31.98	33.83	33.75
24011	1.65	1.67	1.64	1.52	1.23	1.33	1.96	2.75	2.36	2.11	2.08	1.32	1.24	1.48	1.60	1.87	1.90	2.84	1.93	1.56	1.78	1.32	1.19	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.59	25.68	26.01	27.16	25.92	31.25	39.65	44.06	41.81	39.48	39.72	32.83	31.65	34.92	39.06	38.56	35.06	50.16	37.00	30.52	33.95	32.04	33.91	33.82
23798	1.75	1.78	1.76	1.64	1.32	1.50	2.17	3.07	2.66	2.41	2.36	1.52	1.43	1.69	1.83	2.11	2.16	3.20	2.13	1.72	1.89	1.37	1.26	1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.50	25.57	25.88	27.04	25.83	31.08	39.44	43.74	41.51	39.19	39.43	32.64	31.47	34.71	38.83	38.32	34.81	49.80	36.81	30.35	33.83	31.98	33.83	33.75
24028	1.65	1.67	1.64	1.52	1.23	1.33	1.96	2.75	2.36	2.11	2.08	1.32	1.24	1.48	1.60	1.87	1.90	2.84	1.93	1.56	1.78	1.32	1.19	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.40	25.47	25.79	26.98	25.93	31.17	39.56	43.70	41.47	39.06	39.29	32.70	31.59	34.99	39.16	38.73	34.83	49.88	36.85	30.37	34.05	32.20	34.02	33.97
23527	1.54	1.57	1.54	1.46	1.33	1.42	2.08	2.71	2.33	1.99	1.94	1.38	1.36	1.76	1.93	2.28	1.92	2.92	1.98	1.58	2.00	1.54	1.37	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	24.31	24.39	24.68	25.83	24.90	29.99	38.06	41.91	39.85	37.62	37.91	31.64	30.54	33.76	37.82	37.28	33.69	48.18	35.71	29.45	32.81	31.11	32.89	32.82
24190	0.46	0.49	0.43	0.32	0.30	0.24	0.58	0.91	0.70	0.55	0.55	0.33	0.31	0.53	0.59	0.83	0.78	1.22	0.84	0.66	0.75	0.45	0.25	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.13	24.21	24.60	25.95	25.01	30.17	37.60	41.08	39.24	37.19	37.53	31.58	30.51	33.38	37.47	36.45	32.66	46.54	34.52	28.58	31.92	30.84	33.13	33.41
355683	0.28	0.30	0.36	0.43	0.41	0.42	0.12	0.08	0.09	0.12	0.18	0.26	0.29	0.15	0.24	0.00	-0.25	-0.42	-0.35	-0.21	-0.13	0.18	0.48	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	24.31	24.39	24.68	25.83	24.90	29.99	38.06	41.91	39.85	37.62	37.91	31.64	30.54	33.76	37.82	37.28	33.69	48.18	35.71	29.45	32.81	31.11	32.89	32.82
23571	0.46	0.49	0.43	0.32	0.30	0.24	0.58	0.91	0.70	0.55	0.55	0.33	0.31	0.53	0.59	0.83	0.78	1.22	0.84	0.66	0.75	0.45	0.25	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.31	24.39	24.68	25.83	24.90	29.99	38.06	41.91	39.85	37.62	37.91	31.64	30.54	33.76	37.82	37.28	33.69	48.18	35.71	29.45	32.81	31.11	32.89	32.82
23572	0.46	0.49	0.43	0.32	0.30	0.24	0.58	0.91	0.70	0.55	0.55	0.33	0.31	0.53	0.59	0.83	0.78	1.22	0.84	0.66	0.75	0.45	0.25	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.31	24.39	24.68	25.83	24.90	29.99	38.06	41.91	39.85	37.62	37.91	31.64	30.54	33.76	37.82	37.28	33.69	48.18	35.71	29.45	32.81	31.11	32.89	32.82
23573	0.46	0.49	0.43	0.32	0.30	0.24	0.58	0.91	0.70	0.55	0.55	0.33	0.31	0.53	0.59	0.83	0.78	1.22	0.84	0.66	0.75	0.45	0.25	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.31 0.46 0.00	24.39 0.49 0.00	24.68 0.43 0.00	25.83 0.32 0.00	24.90 0.30 0.00	29.99 0.24 0.00	38.06 0.58 0.00	41.91 0.91 0.00	39.85 0.70 0.00	37.62 0.55 0.00	37.91 0.55 0.00	31.64 0.33 0.00	30.54 0.31 0.00	33.76 0.53 0.00	37.82 0.59 0.00	37.28 0.83 0.00	33.69 0.78 0.00	48.18 1.22 0.00	35.71 0.84 0.00	29.45 0.66 0.00	32.81 0.75 0.00	31.11 0.45 0.00	32.89 0.25 0.00	32.82 0.05 0.00
ALBANY___LFGE 323615	24.54 0.69 0.00	24.62 0.72 0.00	24.91 0.66 0.00	26.08 0.56 0.00	25.14 0.54 0.00	30.29 0.54 0.00	38.46 0.98 0.00	42.36 1.37 0.00	40.29 1.15 0.00	38.04 0.96 0.00	38.35 0.99 0.00	32.00 0.68 0.00	30.88 0.65 0.00	34.14 0.91 0.00	38.27 1.03 0.00	37.71 1.27 0.00	34.08 1.17 0.00	48.75 1.79 0.00	36.12 1.25 0.00	29.79 1.00 0.00	33.17 1.11 0.00	31.45 0.78 0.00	33.23 0.59 0.00	33.17 0.40 0.00
ALCOA_PA_115KV_PL-6C 55860	24.31 0.46 0.00	24.39 0.49 0.00	24.79 0.55 0.00	26.17 0.65 0.00	25.23 0.63 0.00	30.40 0.65 0.00	37.74 0.26 0.00	41.25 0.25 0.00	39.40 0.26 0.00	37.36 0.29 0.00	37.75 0.39 0.00	31.77 0.45 0.00	30.70 0.47 0.00	33.58 0.35 0.00	37.69 0.46 0.00	36.62 0.17 0.00	32.80 -0.11 0.00	46.75 -0.22 0.00	34.66 -0.21 0.00	28.71 -0.08 0.00	32.08 0.02 0.00	31.03 0.36 0.00	33.35 0.70 0.00	33.72 0.94 0.00
ALCOA_RYNLDS___DRP 24188	24.31 0.46 0.00	24.39 0.49 0.00	24.79 0.55 0.00	26.17 0.65 0.00	25.23 0.63 0.00	30.40 0.65 0.00	37.74 0.26 0.00	41.25 0.25 0.00	39.40 0.26 0.00	37.36 0.29 0.00	37.75 0.39 0.00	31.77 0.45 0.00	30.70 0.47 0.00	33.58 0.35 0.00	37.69 0.46 0.00	36.62 0.17 0.00	32.80 -0.11 0.00	46.75 -0.22 0.00	34.66 -0.21 0.00	28.71 -0.08 0.00	32.08 0.02 0.00	31.03 0.36 0.00	33.35 0.70 0.00	33.72 0.94 0.00
ALCOA___DSASP 323711	24.31 0.46 0.00	24.39 0.49 0.00	24.79 0.55 0.00	26.17 0.65 0.00	25.23 0.63 0.00	30.40 0.65 0.00	37.74 0.26 0.00	41.25 0.25 0.00	39.41 0.26 0.00	37.36 0.29 0.00	37.75 0.40 0.00	31.77 0.45 0.00	30.70 0.48 0.00	33.58 0.35 0.00	37.69 0.46 0.00	36.62 0.17 0.00	32.80 -0.10 0.00	46.75 -0.21 0.00	34.66 -0.21 0.00	28.71 -0.08 0.00	32.08 0.02 0.00	31.03 0.37 0.00	33.35 0.70 0.00	33.72 0.94 0.00
ALLEGHENY___COGEN 23514	23.21 -0.64 0.00	23.18 -0.72 0.00	23.52 -0.72 0.00	24.82 -0.70 0.00	24.12 -0.48 0.00	29.69 -0.06 0.00	37.87 0.39 0.00	41.51 0.52 0.00	39.96 0.82 0.00	38.13 1.06 0.00	38.33 0.97 0.00	32.14 0.83 0.00	31.22 0.99 0.00	34.45 1.22 0.00	38.42 1.19 0.00	37.58 1.13 0.00	34.18 1.27 0.00	48.92 1.96 0.00	36.56 1.69 0.00	30.13 1.34 0.00	33.39 1.33 0.00	31.64 0.97 0.00	33.24 0.60 0.00	33.70 0.93 0.00
ALTAMONT_115KV_TB 2 55880	24.54 0.69 0.00	24.60 0.71 0.00	24.92 0.67 0.00	26.13 0.61 0.00	25.17 0.57 0.00	30.40 0.65 0.00	38.57 1.09 0.00	42.43 1.43 0.00	40.38 1.23 0.00	38.13 1.06 0.00	38.44 1.08 0.00	32.08 0.77 0.00	30.95 0.72 0.00	34.19 0.96 0.00	38.32 1.08 0.00	37.74 1.29 0.00	34.12 1.21 0.00	48.78 1.82 0.00	36.19 1.32 0.00	29.85 1.05 0.00	33.23 1.17 0.00	31.54 0.88 0.00	33.35 0.71 0.00	33.31 0.54 0.00
ALTONA_WT_PWR 323606	24.44 0.59 0.00	24.60 0.70 0.00	25.11 0.86 0.00	26.65 1.13 0.00	25.47 0.87 0.00	30.11 0.36 0.00	37.19 -0.29 0.00	41.12 0.12 0.00	39.31 0.17 0.00	37.41 0.33 0.00	38.18 0.82 0.00	32.27 0.95 0.00	31.18 0.95 0.00	34.45 1.22 0.00	38.56 1.32 0.00	37.77 1.32 0.00	33.77 0.86 0.00	48.04 1.07 0.00	35.65 0.78 0.00	29.68 0.89 0.00	33.03 0.97 0.00	31.83 1.17 0.00	34.05 1.40 0.00	34.61 1.83 0.00
AMERICAN_REF_FUEL 24010	22.01 -1.84 0.00	22.04 -1.87 0.00	22.40 -1.85 0.00	23.63 -1.88 0.00	22.35 -1.59 0.66	28.35 -1.40 0.00	35.44 -2.04 0.00	38.05 -2.95 0.00	36.73 -2.42 0.00	35.30 -1.78 0.00	35.73 -1.63 0.00	30.05 -1.27 0.00	22.44 -1.19 6.60	30.55 -1.31 1.37	35.42 -1.59 0.22	34.65 -1.79 0.00	30.11 -1.72 1.08	44.25 -2.72 0.00	33.06 -1.81 0.00	26.50 -1.40 0.89	26.30 -1.60 4.16	28.40 -1.70 0.57	30.63 -2.02 0.00	28.00 -1.44 3.34
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.04 -1.81 0.00	22.10 -1.80 0.00	22.50 -1.75 0.00	23.74 -1.78 0.00	22.18 -1.49 0.93	28.70 -1.05 0.00	36.60 -0.88 0.00	40.13 -0.87 0.00	38.43 -0.71 0.00	36.92 -0.15 0.00	37.51 0.15 0.00	31.37 0.06 0.00	21.52 0.29 8.99	31.77 0.41 1.87	37.24 0.31 0.30	36.27 -0.17 0.00	31.41 -0.02 1.48	46.90 -0.06 0.00	34.93 0.06 0.00	27.65 0.08 1.21	26.47 0.08 5.67	29.79 -0.10 0.78	32.08 -0.56 0.00	28.19 -0.04 4.55
ARTHUR_KILL_GT_1 23520	24.83 0.98 0.00	24.81 0.90 0.00	25.13 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.40 0.00	43.80 2.80 0.00	41.72 2.58 0.00	39.32 2.25 0.00	39.70 2.35 0.00	33.13 1.82 0.00	44.98 1.47 -13.28	35.22 2.00 0.00	39.52 2.29 0.00	39.05 2.60 0.00	35.52 2.61 0.00	50.79 3.83 0.00	37.78 2.91 0.00	31.06 2.27 0.00	34.49 2.43 0.00	32.70 2.04 0.00	34.40 1.75 0.00	34.13 1.35 0.00
ARTHUR_KILL_2 23512	24.77 0.92 0.00	24.74 0.84 0.00	25.07 0.82 0.00	26.30 0.78 0.00	25.39 0.78 0.00	30.97 1.22 0.00	39.77 2.29 0.00	43.67 2.67 0.00	41.60 2.46 0.00	39.21 2.14 0.00	39.59 2.23 0.00	33.04 1.73 0.00	44.89 1.39 -13.28	35.13 1.90 0.00	39.41 2.18 0.00	38.93 2.49 0.00	35.41 2.50 0.00	50.62 3.66 0.00	37.66 2.79 0.00	30.95 2.16 0.00	34.38 2.33 0.00	32.61 1.94 0.00	34.29 1.65 0.00	34.03 1.25 0.00
ARTHUR_KILL_3 23513	24.65 0.79 0.00	24.62 0.72 0.00	24.95 0.70 0.00	26.18 0.66 0.00	25.26 0.66 0.00	30.83 1.08 0.00	39.56 2.09 0.00	43.47 2.48 0.00	41.45 2.30 0.00	39.08 2.01 0.00	39.47 2.12 0.00	32.95 1.63 0.00	33.67 1.35 -2.09	35.04 1.81 0.00	39.30 2.07 0.00	38.83 2.38 0.00	35.30 2.40 0.00	50.41 3.46 0.00	37.51 2.64 0.00	30.80 2.01 0.00	34.21 2.16 0.00	32.45 1.78 0.00	34.13 1.48 0.00	33.86 1.08 0.00
ARTHUR_KILL_COGEN 323718	24.83 0.98 0.00	24.81 0.90 0.00	25.13 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.40 0.00	43.80 2.80 0.00	41.72 2.58 0.00	39.32 2.25 0.00	39.70 2.35 0.00	33.13 1.82 0.00	44.98 1.47 -13.28	35.22 2.00 0.00	39.52 2.29 0.00	39.05 2.60 0.00	35.52 2.61 0.00	50.79 3.83 0.00	37.78 2.91 0.00	31.06 2.27 0.00	34.49 2.43 0.00	32.70 2.04 0.00	34.40 1.75 0.00	34.13 1.35 0.00
ASHOKAN____ 23654	25.04 1.20 0.00	25.10 1.20 0.00	25.44 1.19 0.00	26.65 1.14 0.00	25.72 1.12 0.00	31.08 1.33 0.00	39.67 2.19 0.00	44.32 3.33 0.00	42.50 3.36 0.00	39.90 2.82 0.00	40.18 2.82 0.00	33.43 2.12 0.00	32.39 2.16 0.00	35.78 2.55 0.00	40.21 2.97 0.00	39.41 2.96 0.00	35.62 2.71 0.00	51.07 4.10 0.00	37.87 3.00 0.00	31.20 2.41 0.00	34.69 2.63 0.00	32.79 2.12 0.00	34.53 1.89 0.00	34.39 1.62 0.00

ASTORIA_EAST_ENERGY_CC1 323581	24.72 0.87 0.00	24.69 0.79 0.00	25.04 0.80 0.00	26.26 0.75 0.01	25.35 0.75 0.00	30.91 1.16 0.00	39.69 2.21 0.00	43.67 2.67 0.00	41.60 2.46 0.00	39.24 2.16 0.00	39.63 2.27 0.00	33.13 1.81 0.00	44.96 1.46 -13.28	35.14 1.92 0.00	39.41 2.18 0.00	38.93 2.49 0.00	35.39 2.48 0.00	50.57 3.61 0.00	37.62 2.75 0.00	30.93 2.14 0.00	34.34 2.28 0.00	32.56 1.90 0.00	34.22 1.58 0.00	33.92 1.14 0.00
ASTORIA_EAST_ENERGY_CC2 323582	24.72 0.87 0.00	24.69 0.79 0.00	25.04 0.80 0.00	26.26 0.75 0.01	25.35 0.75 0.00	30.91 1.16 0.00	39.69 2.21 0.00	43.67 2.67 0.00	41.60 2.46 0.00	39.24 2.16 0.00	39.63 2.27 0.00	33.13 1.81 0.00	44.96 1.46 -13.28	35.14 1.92 0.00	39.41 2.18 0.00	38.93 2.49 0.00	35.39 2.48 0.00	50.57 3.61 0.00	37.62 2.75 0.00	30.93 2.14 0.00	34.34 2.28 0.00	32.56 1.90 0.00	34.22 1.58 0.00	33.92 1.14 0.00
ASTORIA_GT2_1 24094	24.72 0.87 0.00	24.70 0.81 0.00	25.06 0.81 0.00	26.28 0.76 0.00	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.99 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.40 2.49 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.59 1.92 0.00	34.24 1.59 0.00	33.93 1.16 0.00
ASTORIA_GT2_2 24095	24.72 0.87 0.00	24.70 0.81 0.00	25.06 0.81 0.00	26.28 0.76 0.00	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.99 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.40 2.49 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.59 1.92 0.00	34.24 1.59 0.00	33.93 1.16 0.00
ASTORIA_GT2_3 24096	24.72 0.87 0.00	24.70 0.81 0.00	25.06 0.81 0.00	26.28 0.76 0.00	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.99 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.40 2.49 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.59 1.92 0.00	34.24 1.59 0.00	33.93 1.16 0.00
ASTORIA_GT2_4 24097	24.72 0.87 0.00	24.70 0.81 0.00	25.06 0.81 0.00	26.28 0.76 0.00	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.99 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.40 2.49 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.59 1.92 0.00	34.24 1.59 0.00	33.93 1.16 0.00
ASTORIA_GT3_1 24098	24.72 0.87 0.00	24.70 0.81 0.00	25.06 0.81 0.00	26.28 0.76 0.00	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.99 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.40 2.49 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.59 1.92 0.00	34.24 1.59 0.00	33.93 1.16 0.00
ASTORIA_GT3_2 24099	24.72 0.87 0.00	24.70 0.81 0.00	25.06 0.81 0.00	26.28 0.76 0.00	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.99 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.40 2.49 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.59 1.92 0.00	34.24 1.59 0.00	33.93 1.16 0.00
ASTORIA_GT3_3 24100	24.72 0.87 0.00	24.70 0.81 0.00	25.06 0.81 0.00	26.28 0.76 0.00	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.99 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.40 2.49 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.59 1.92 0.00	34.24 1.59 0.00	33.93 1.16 0.00
ASTORIA_GT3_4 24101	24.72 0.87 0.00	24.70 0.81 0.00	25.06 0.81 0.00	26.28 0.76 0.00	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.99 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.40 2.49 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.59 1.92 0.00	34.24 1.59 0.00	33.93 1.16 0.00
ASTORIA_GT4_1 24102	24.72 0.87 0.00	24.70 0.81 0.00	25.06 0.81 0.00	26.28 0.76 0.00	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.99 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.40 2.49 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.59 1.92 0.00	34.24 1.59 0.00	33.93 1.16 0.00
ASTORIA_GT4_2 24103	24.72 0.87 0.00	24.70 0.81 0.00	25.06 0.81 0.00	26.28 0.76 0.00	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.99 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.40 2.49 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.59 1.92 0.00	34.24 1.59 0.00	33.93 1.16 0.00
ASTORIA_GT4_3 24104	24.72 0.87 0.00	24.70 0.81 0.00	25.06 0.81 0.00	26.28 0.76 0.00	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.99 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.40 2.49 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.59 1.92 0.00	34.24 1.59 0.00	33.93 1.16 0.00
ASTORIA_GT4_4 24105	24.72 0.87 0.00	24.70 0.81 0.00	25.06 0.81 0.00	26.28 0.76 0.00	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.99 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.40 2.49 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.59 1.92 0.00	34.24 1.59 0.00	33.93 1.16 0.00
ASTORIA_GT_1 23523	24.77 0.92 0.00	24.74 0.84 0.00	25.10 0.86 0.00	26.31 0.80 0.01	25.41 0.81 0.00	30.98 1.23 0.00	39.79 2.31 0.00	43.78 2.79 0.00	41.71 2.56 0.00	39.35 2.27 0.00	39.74 2.38 0.00	33.21 1.90 0.00	45.05 1.55 -13.28	35.24 2.01 0.00	39.51 2.27 0.00	39.03 2.59 0.00	35.47 2.57 0.00	50.71 3.75 0.00	37.72 2.85 0.00	31.01 2.22 0.00	34.42 2.36 0.00	32.64 1.98 0.00	34.30 1.66 0.00	33.99 1.22 0.00

ASTORIA_GT_10 24110	24.75 0.90 0.00	24.75 0.84 0.00	25.08 0.84 0.00	26.31 0.79 0.00	25.39 0.79 0.00	30.97 1.22 0.00	39.76 2.28 0.00	43.74 2.74 0.00	41.71 2.57 0.00	39.34 2.27 0.00	39.73 2.37 0.00	33.18 1.86 0.00	45.07 1.56 -13.28	35.26 2.03 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.68 3.72 0.00	37.72 2.85 0.00	30.99 2.20 0.00	34.41 2.35 0.00	32.63 1.96 0.00	34.29 1.65 0.00	34.01 1.24 0.00
ASTORIA_GT_11 24225	24.75 0.90 0.00	24.75 0.84 0.00	25.08 0.84 0.00	26.31 0.79 0.00	25.39 0.79 0.00	30.97 1.22 0.00	39.76 2.28 0.00	43.74 2.74 0.00	41.71 2.57 0.00	39.34 2.27 0.00	39.73 2.37 0.00	33.18 1.86 0.00	45.07 1.56 -13.28	35.26 2.03 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.68 3.72 0.00	37.72 2.85 0.00	30.99 2.20 0.00	34.41 2.35 0.00	32.63 1.96 0.00	34.29 1.65 0.00	34.01 1.24 0.00
ASTORIA_GT_12 24226	24.75 0.90 0.00	24.75 0.84 0.00	25.08 0.84 0.00	26.31 0.79 0.00	25.39 0.79 0.00	30.97 1.22 0.00	39.76 2.28 0.00	43.74 2.74 0.00	41.71 2.57 0.00	39.34 2.27 0.00	39.73 2.37 0.00	33.18 1.86 0.00	45.07 1.56 -13.28	35.26 2.03 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.68 3.72 0.00	37.72 2.85 0.00	30.99 2.20 0.00	34.41 2.35 0.00	32.63 1.96 0.00	34.29 1.65 0.00	34.01 1.24 0.00
ASTORIA_GT_13 24227	24.75 0.90 0.00	24.75 0.84 0.00	25.08 0.84 0.00	26.31 0.79 0.00	25.39 0.79 0.00	30.97 1.22 0.00	39.76 2.28 0.00	43.74 2.74 0.00	41.71 2.57 0.00	39.34 2.27 0.00	39.73 2.37 0.00	33.18 1.86 0.00	45.07 1.56 -13.28	35.26 2.03 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.68 3.72 0.00	37.72 2.85 0.00	30.99 2.20 0.00	34.41 2.35 0.00	32.63 1.96 0.00	34.29 1.65 0.00	34.01 1.24 0.00
ASTORIA_GT_5 24106	24.77 0.92 0.00	24.74 0.84 0.00	25.10 0.86 0.00	26.31 0.80 0.01	25.41 0.81 0.00	30.98 1.23 0.00	39.79 2.31 0.00	43.78 2.79 0.00	41.71 2.56 0.00	39.35 2.27 0.00	39.74 2.38 0.00	33.21 1.90 0.00	45.05 1.55 -13.28	35.24 2.01 0.00	39.51 2.27 0.00	39.03 2.59 0.00	35.47 2.57 0.00	50.71 3.75 0.00	37.72 2.85 0.00	31.01 2.22 0.00	34.42 2.36 0.00	32.64 1.98 0.00	34.30 1.66 0.00	33.99 1.22 0.00
ASTORIA_GT_7 24107	24.77 0.92 0.00	24.74 0.84 0.00	25.10 0.86 0.00	26.31 0.80 0.01	25.41 0.81 0.00	30.98 1.23 0.00	39.79 2.31 0.00	43.78 2.79 0.00	41.71 2.56 0.00	39.35 2.27 0.00	39.74 2.38 0.00	33.21 1.90 0.00	45.05 1.55 -13.28	35.24 2.01 0.00	39.51 2.27 0.00	39.03 2.59 0.00	35.47 2.57 0.00	50.71 3.75 0.00	37.72 2.85 0.00	31.01 2.22 0.00	34.42 2.36 0.00	32.64 1.98 0.00	34.30 1.66 0.00	33.99 1.22 0.00
ASTORIA_GT_8 24108	24.76 0.91 0.00	24.74 0.84 0.00	25.10 0.86 0.00	26.32 0.80 0.00	25.41 0.81 0.00	30.98 1.23 0.00	39.79 2.31 0.00	43.78 2.78 0.00	41.71 2.56 0.00	39.34 2.27 0.00	39.74 2.38 0.00	33.21 1.90 0.00	45.05 1.55 -13.28	35.24 2.02 0.00	39.50 2.27 0.00	39.04 2.59 0.00	35.47 2.57 0.00	50.72 3.75 0.00	37.72 2.85 0.00	31.01 2.22 0.00	34.42 2.36 0.00	32.65 1.98 0.00	34.30 1.66 0.00	34.00 1.22 0.00
ASTORIA___2 24149	24.73 0.88 0.00	24.70 0.81 0.00	25.05 0.81 0.00	26.27 0.76 0.01	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.98 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.41 2.50 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.58 1.92 0.00	34.24 1.59 0.00	33.93 1.15 0.00
ASTORIA___3 23516	24.76 0.91 0.00	24.75 0.84 0.00	25.08 0.84 0.00	26.31 0.79 0.00	25.40 0.79 0.00	30.97 1.22 0.00	39.76 2.28 0.00	43.74 2.74 0.00	41.72 2.57 0.00	39.34 2.27 0.00	39.73 2.38 0.00	33.18 1.86 0.00	45.07 1.56 -13.28	35.25 2.03 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.50 2.60 0.00	50.68 3.72 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.41 2.35 0.00	32.62 1.96 0.00	34.29 1.65 0.00	34.01 1.24 0.00
ASTORIA___4 23517	24.75 0.90 0.00	24.75 0.84 0.00	25.08 0.84 0.00	26.31 0.79 0.00	25.39 0.79 0.00	30.97 1.22 0.00	39.76 2.28 0.00	43.74 2.74 0.00	41.71 2.57 0.00	39.34 2.27 0.00	39.73 2.37 0.00	33.18 1.86 0.00	45.07 1.56 -13.28	35.26 2.03 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.68 3.72 0.00	37.72 2.85 0.00	30.99 2.20 0.00	34.41 2.35 0.00	32.63 1.96 0.00	34.29 1.65 0.00	34.01 1.24 0.00
ASTORIA___5 23518	24.76 0.91 0.00	24.75 0.84 0.00	25.08 0.84 0.00	26.31 0.79 0.00	25.40 0.79 0.00	30.97 1.22 0.00	39.76 2.28 0.00	43.74 2.74 0.00	41.72 2.57 0.00	39.34 2.27 0.00	39.73 2.38 0.00	33.18 1.86 0.00	45.06 1.56 -13.28	35.25 2.03 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.50 2.60 0.00	50.68 3.72 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.41 2.35 0.00	32.62 1.96 0.00	34.29 1.65 0.00	34.01 1.24 0.00
AST_ENERGY_2_CC3 323677	24.72 0.87 0.00	24.70 0.80 0.00	25.03 0.78 0.00	26.26 0.74 0.00	25.34 0.75 0.00	30.93 1.18 0.00	39.68 2.20 0.00	43.64 2.64 0.00	41.61 2.47 0.00	39.24 2.17 0.00	39.62 2.26 0.00	33.09 1.77 0.00	45.02 1.49 -13.31	35.17 1.94 0.00	39.44 2.21 0.00	38.96 2.51 0.00	35.43 2.52 0.00	50.56 3.60 0.00	37.63 2.76 0.00	30.90 2.11 0.00	34.30 2.24 0.00	32.53 1.86 0.00	34.21 1.57 0.00	33.94 1.17 0.00
AST_ENERGY_2_CC4 323678	24.72 0.87 0.00	24.70 0.80 0.00	25.03 0.78 0.00	26.26 0.74 0.00	25.34 0.75 0.00	30.93 1.18 0.00	39.68 2.20 0.00	43.64 2.64 0.00	41.61 2.47 0.00	39.24 2.17 0.00	39.62 2.26 0.00	33.09 1.77 0.00	45.02 1.49 -13.31	35.17 1.94 0.00	39.44 2.21 0.00	38.96 2.51 0.00	35.43 2.52 0.00	50.56 3.60 0.00	37.63 2.76 0.00	30.90 2.11 0.00	34.30 2.24 0.00	32.53 1.86 0.00	34.21 1.57 0.00	33.94 1.17 0.00
ATHENS_STG_1 23668	24.56 0.71 0.00	24.62 0.72 0.00	24.94 0.70 0.00	26.17 0.65 0.00	25.22 0.62 0.00	30.53 0.78 0.00	38.84 1.36 0.00	42.72 1.72 0.00	40.68 1.53 0.00	38.40 1.32 0.00	38.72 1.36 0.00	32.32 1.01 0.00	34.75 0.90 -3.63	34.42 1.19 0.00	38.58 1.34 0.00	38.01 1.57 0.00	34.43 1.52 0.00	49.19 2.23 0.00	36.54 1.67 0.00	30.11 1.32 0.00	33.50 1.44 0.00	31.79 1.13 0.00	33.57 0.92 0.00	33.48 0.70 0.00
ATHENS_STG_2 23670	24.56 0.71 0.00	24.62 0.72 0.00	24.94 0.70 0.00	26.17 0.65 0.00	25.22 0.62 0.00	30.53 0.78 0.00	38.84 1.36 0.00	42.72 1.72 0.00	40.68 1.53 0.00	38.40 1.32 0.00	38.72 1.36 0.00	32.32 1.01 0.00	34.75 0.90 -3.63	34.42 1.19 0.00	38.58 1.34 0.00	38.01 1.57 0.00	34.43 1.52 0.00	49.19 2.23 0.00	36.54 1.67 0.00	30.11 1.32 0.00	33.50 1.44 0.00	31.79 1.13 0.00	33.57 0.92 0.00	33.48 0.70 0.00

ATHENS_STG_3 23677	24.56 0.71 0.00	24.62 0.72 0.00	24.94 0.70 0.00	26.17 0.65 0.00	25.22 0.62 0.00	30.53 0.78 0.00	38.84 1.36 0.00	42.72 1.72 0.00	40.68 1.53 0.00	38.40 1.32 0.00	38.72 1.36 0.00	32.32 1.01 0.00	34.75 0.90 -3.63	34.42 1.19 0.00	38.58 1.34 0.00	38.01 1.57 0.00	34.43 1.52 0.00	49.19 2.23 0.00	36.54 1.67 0.00	30.11 1.32 0.00	33.50 1.44 0.00	31.79 1.13 0.00	33.57 0.92 0.00	33.48 0.70 0.00
AUBURN____LFGE 323710	23.64 -0.21 0.00	23.70 -0.20 0.00	23.97 -0.27 0.00	25.26 -0.26 0.00	24.39 -0.21 0.00	29.69 -0.06 0.00	37.47 -0.01 0.00	41.00 0.00 0.00	39.21 0.06 0.00	37.32 0.25 0.00	37.57 0.21 0.00	31.48 0.17 0.00	30.29 0.06 0.00	33.37 0.15 0.00	37.55 0.31 0.00	36.78 0.33 0.00	33.33 0.42 0.00	47.66 0.70 0.00	35.28 0.41 0.00	29.13 0.33 0.00	32.39 0.33 0.00	30.72 0.05 0.00	32.55 -0.09 0.00	32.83 0.05 0.00
BABYLON_RES_REC 323704	25.36 1.51 0.00	25.21 1.31 0.00	25.62 1.38 0.00	26.76 1.24 0.00	25.91 1.31 0.00	31.63 1.88 0.00	40.69 3.21 0.00	44.78 3.79 0.00	42.59 3.44 0.00	40.02 2.94 0.00	40.57 3.21 0.00	33.91 2.59 0.00	45.61 2.16 -13.22	36.07 2.84 0.00	40.60 3.37 0.00	40.50 3.71 -0.35	49.27 3.63 -12.73	59.88 5.31 -7.61	56.03 3.96 -17.20	47.55 3.11 -15.65	42.01 3.32 -6.64	33.63 2.94 -0.02	35.35 2.71 0.00	34.90 2.12 0.00
BABYLON__69_KV_BK2 356345	25.62 1.77 0.00	25.46 1.56 0.00	25.88 1.63 0.00	27.01 1.50 0.00	26.18 1.58 0.00	31.97 2.22 0.00	41.16 3.68 0.00	45.29 4.29 0.00	43.06 3.92 0.00	40.44 3.36 0.00	41.01 3.66 0.00	34.27 2.96 0.00	45.92 2.48 -13.22	36.48 3.25 0.00	41.05 3.82 0.00	40.97 4.18 -0.34	49.50 4.09 -12.50	60.44 6.01 -7.47	56.24 4.49 -16.88	47.68 3.55 -15.34	42.36 3.80 -6.51	34.08 3.39 -0.02	35.80 3.16 0.00	35.33 2.55 0.00
BALL_HILL_WT_PWR 323825	22.44 -1.41 0.00	22.48 -1.42 0.00	22.84 -1.41 0.00	24.11 -1.41 0.00	22.58 -1.17 0.85	28.87 -0.88 0.00	36.50 -0.98 0.00	39.80 -1.20 0.00	38.22 -0.92 0.00	36.70 -0.38 0.00	37.25 -0.11 0.00	31.25 -0.07 0.00	21.82 0.06 8.46	31.58 0.11 1.76	36.94 -0.01 0.28	36.06 -0.38 0.00	31.23 -0.29 1.39	46.43 -0.52 0.00	34.59 -0.29 0.00	27.48 -0.18 1.14	26.52 -0.21 5.33	29.54 -0.40 0.73	31.89 -0.75 0.00	28.23 -0.26 4.28
BARON_WINDS____WT_PWR 323822	22.12 -1.73 0.00	22.16 -1.74 0.00	22.46 -1.78 0.00	23.72 -1.80 0.00	23.31 -1.60 -0.30	28.22 -1.53 0.00	35.95 -1.52 0.00	39.44 -1.55 0.00	37.88 -1.27 0.00	36.31 -0.76 0.00	36.66 -0.70 0.00	30.92 -0.40 0.00	33.11 -0.24 -3.12	33.75 -0.12 -0.65	37.10 -0.24 -0.10	35.89 -0.56 0.00	33.05 -0.37 -0.51	46.54 -0.42 0.00	34.79 -0.08 0.00	29.09 -0.12 -0.42	33.75 -0.28 -1.97	30.49 -0.44 -0.27	31.84 -0.81 0.00	33.85 -0.49 -1.56
BARRETT_IC_1 23704	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.73 1.13 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.84 0.00	33.56 2.25 0.00	45.31 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.98 3.21 -0.32	47.15 3.06 -11.18	58.02 4.41 -6.65	53.25 3.28 -15.10	45.69 2.57 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.93 2.29 0.00	34.53 1.75 0.00
BARRETT_IC_10 23701	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.73 1.13 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.84 0.00	33.56 2.25 0.00	45.31 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.98 3.21 -0.32	47.15 3.06 -11.18	58.02 4.41 -6.65	53.25 3.28 -15.10	45.69 2.57 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.93 2.29 0.00	34.53 1.75 0.00
BARRETT_IC_11 23702	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.73 1.13 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.84 0.00	33.56 2.25 0.00	45.31 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.98 3.21 -0.32	47.15 3.06 -11.18	58.02 4.41 -6.65	53.25 3.28 -15.10	45.69 2.57 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.93 2.29 0.00	34.53 1.75 0.00
BARRETT_IC_12 23703	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.73 1.13 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.84 0.00	33.56 2.25 0.00	45.31 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.98 3.21 -0.32	47.15 3.06 -11.18	58.02 4.41 -6.65	53.25 3.28 -15.10	45.69 2.57 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.93 2.29 0.00	34.53 1.75 0.00
BARRETT_IC_2 23705	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.73 1.13 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.84 0.00	33.56 2.25 0.00	45.31 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.98 3.21 -0.32	47.15 3.06 -11.18	58.02 4.41 -6.65	53.25 3.28 -15.10	45.69 2.57 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.93 2.29 0.00	34.53 1.75 0.00
BARRETT_IC_3 23706	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.73 1.13 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.84 0.00	33.56 2.25 0.00	45.31 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.98 3.21 -0.32	47.15 3.06 -11.18	58.02 4.41 -6.65	53.25 3.28 -15.10	45.69 2.57 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.93 2.29 0.00	34.53 1.75 0.00
BARRETT_IC_4 23707	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.73 1.13 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.84 0.00	33.56 2.25 0.00	45.31 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.98 3.21 -0.32	47.15 3.06 -11.18	58.02 4.41 -6.65	53.25 3.28 -15.10	45.69 2.57 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.93 2.29 0.00	34.53 1.75 0.00
BARRETT_IC_5 23708	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.73 1.13 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.84 0.00	33.56 2.25 0.00	45.31 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.98 3.21 -0.32	47.15 3.06 -11.18	58.02 4.41 -6.65	53.25 3.28 -15.10	45.69 2.57 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.93 2.29 0.00	34.53 1.75 0.00
BARRETT_IC_6 23709	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.73 1.13 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.84 0.00	33.56 2.25 0.00	45.31 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.98 3.21 -0.32	47.15 3.06 -11.18	58.02 4.41 -6.65	53.25 3.28 -15.10	45.69 2.57 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.93 2.29 0.00	34.53 1.75 0.00

BARRETT_IC_7 23710	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.72 1.12 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.83 0.00	33.56 2.25 0.00	45.30 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.97 3.21 -0.32	47.17 3.08 -11.18	58.04 4.42 -6.65	53.28 3.31 -15.10	45.68 2.56 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.92 2.27 0.00	34.53 1.75 0.00
BARRETT_IC_8 23711	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.73 1.13 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.84 0.00	33.56 2.25 0.00	45.31 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.98 3.21 -0.32	47.15 3.06 -11.18	58.02 4.41 -6.65	53.25 3.28 -15.10	45.69 2.57 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.93 2.29 0.00	34.53 1.75 0.00
BARRETT_IC_9 23700	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.73 1.13 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.84 0.00	33.56 2.25 0.00	45.31 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.98 3.21 -0.32	47.15 3.06 -11.18	58.02 4.41 -6.65	53.25 3.28 -15.10	45.69 2.57 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.93 2.29 0.00	34.53 1.75 0.00
BARRETT___1 23545	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.73 1.13 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.84 0.00	33.56 2.25 0.00	45.31 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.98 3.21 -0.32	47.15 3.06 -11.18	58.02 4.41 -6.65	53.25 3.28 -15.10	45.69 2.57 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.93 2.29 0.00	34.53 1.75 0.00
BARRETT___2 23546	49.25 1.27 -24.13	25.02 1.12 0.00	25.42 1.17 0.00	26.58 1.07 0.00	25.73 1.13 0.00	31.37 1.62 0.00	40.28 2.80 0.00	44.26 3.26 0.00	42.16 3.01 0.00	39.66 2.58 0.00	40.19 2.84 0.00	33.56 2.25 0.00	45.31 1.86 -13.22	35.72 2.49 0.00	40.15 2.92 0.00	39.98 3.21 -0.32	47.15 3.06 -11.18	58.02 4.41 -6.65	53.25 3.28 -15.10	45.69 2.57 -14.33	40.81 2.79 -5.96	33.17 2.48 -0.02	34.93 2.29 0.00	34.53 1.75 0.00
BATAVIA__115KV_TB1 55881	22.98 -0.86 0.00	22.98 -0.92 0.00	23.35 -0.89 0.00	24.65 -0.87 0.00	23.99 -0.61 0.00	29.54 -0.21 0.00	37.23 -0.25 0.00	40.35 -0.64 0.00	38.88 -0.27 0.00	37.29 0.22 0.00	37.67 0.31 0.00	31.64 0.32 0.00	30.55 0.32 0.00	33.67 0.45 0.00	37.66 0.42 0.00	36.69 0.24 0.00	33.15 0.24 0.00	47.15 0.18 0.00	35.14 0.27 0.00	29.05 0.26 0.00	32.26 0.20 0.00	30.61 -0.06 0.00	32.25 -0.39 0.00	32.84 0.06 0.00
BAYONEEC___CTG1 323682	24.74 0.89 0.00	24.73 0.82 0.00	25.05 0.81 0.00	26.29 0.77 0.00	25.37 0.77 0.00	30.97 1.22 0.00	39.74 2.26 0.00	43.68 2.68 0.00	41.66 2.52 0.00	39.30 2.23 0.00	39.68 2.32 0.00	33.12 1.81 0.00	45.05 1.52 -13.31	35.21 1.98 0.00	39.50 2.26 0.00	39.02 2.57 0.00	35.47 2.57 0.00	50.64 3.68 0.00	37.69 2.81 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.58 1.92 0.00	34.27 1.63 0.00	33.99 1.22 0.00
BAYONEEC___CTG10 323750	24.74 0.89 0.00	24.73 0.82 0.00	25.05 0.81 0.00	26.29 0.77 0.00	25.37 0.77 0.00	30.97 1.22 0.00	39.74 2.26 0.00	43.68 2.68 0.00	41.66 2.52 0.00	39.30 2.23 0.00	39.68 2.32 0.00	33.12 1.81 0.00	45.05 1.52 -13.31	35.21 1.98 0.00	39.50 2.26 0.00	39.02 2.57 0.00	35.47 2.57 0.00	50.64 3.68 0.00	37.69 2.81 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.58 1.92 0.00	34.27 1.63 0.00	33.99 1.22 0.00
BAYONEEC___CTG2 323683	24.74 0.89 0.00	24.73 0.82 0.00	25.05 0.81 0.00	26.29 0.77 0.00	25.37 0.77 0.00	30.97 1.22 0.00	39.74 2.26 0.00	43.68 2.68 0.00	41.66 2.52 0.00	39.30 2.23 0.00	39.68 2.32 0.00	33.12 1.81 0.00	45.05 1.52 -13.31	35.21 1.98 0.00	39.50 2.26 0.00	39.02 2.57 0.00	35.47 2.57 0.00	50.64 3.68 0.00	37.69 2.81 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.58 1.92 0.00	34.27 1.63 0.00	33.99 1.22 0.00
BAYONEEC___CTG3 323684	24.74 0.89 0.00	24.73 0.82 0.00	25.05 0.81 0.00	26.29 0.77 0.00	25.37 0.77 0.00	30.97 1.22 0.00	39.74 2.26 0.00	43.68 2.68 0.00	41.66 2.52 0.00	39.30 2.23 0.00	39.68 2.32 0.00	33.12 1.81 0.00	45.05 1.52 -13.31	35.21 1.98 0.00	39.50 2.26 0.00	39.02 2.57 0.00	35.47 2.57 0.00	50.64 3.68 0.00	37.69 2.81 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.58 1.92 0.00	34.27 1.63 0.00	33.99 1.22 0.00
BAYONEEC___CTG4 323685	24.74 0.89 0.00	24.73 0.82 0.00	25.05 0.81 0.00	26.29 0.77 0.00	25.37 0.77 0.00	30.97 1.22 0.00	39.74 2.26 0.00	43.68 2.68 0.00	41.66 2.52 0.00	39.30 2.23 0.00	39.68 2.32 0.00	33.12 1.81 0.00	45.05 1.52 -13.31	35.21 1.98 0.00	39.50 2.26 0.00	39.02 2.57 0.00	35.47 2.57 0.00	50.64 3.68 0.00	37.69 2.81 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.58 1.92 0.00	34.27 1.63 0.00	33.99 1.22 0.00
BAYONEEC___CTG5 323686	24.74 0.89 0.00	24.73 0.82 0.00	25.05 0.81 0.00	26.29 0.77 0.00	25.37 0.77 0.00	30.97 1.22 0.00	39.74 2.26 0.00	43.68 2.68 0.00	41.66 2.52 0.00	39.30 2.23 0.00	39.68 2.32 0.00	33.12 1.81 0.00	45.05 1.52 -13.31	35.21 1.98 0.00	39.50 2.26 0.00	39.02 2.57 0.00	35.47 2.57 0.00	50.64 3.68 0.00	37.69 2.81 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.58 1.92 0.00	34.27 1.63 0.00	33.99 1.22 0.00
BAYONEEC___CTG6 323687	24.74 0.89 0.00	24.73 0.82 0.00	25.05 0.81 0.00	26.29 0.77 0.00	25.37 0.77 0.00	30.97 1.22 0.00	39.74 2.26 0.00	43.68 2.68 0.00	41.66 2.52 0.00	39.30 2.23 0.00	39.68 2.32 0.00	33.12 1.81 0.00	45.05 1.52 -13.31	35.21 1.98 0.00	39.50 2.26 0.00	39.02 2.57 0.00	35.47 2.57 0.00	50.64 3.68 0.00	37.69 2.81 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.58 1.92 0.00	34.27 1.63 0.00	33.99 1.22 0.00
BAYONEEC___CTG7 323688	24.74 0.89 0.00	24.73 0.82 0.00	25.05 0.81 0.00	26.29 0.77 0.00	25.37 0.77 0.00	30.97 1.22 0.00	39.74 2.26 0.00	43.68 2.68 0.00	41.66 2.52 0.00	39.30 2.23 0.00	39.68 2.32 0.00	33.12 1.81 0.00	45.05 1.52 -13.31	35.21 1.98 0.00	39.50 2.26 0.00	39.02 2.57 0.00	35.47 2.57 0.00	50.64 3.68 0.00	37.69 2.81 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.58 1.92 0.00	34.27 1.63 0.00	33.99 1.22 0.00
BAYONEEC___CTG8 323689	24.74 0.89 0.00	24.73 0.82 0.00	25.05 0.81 0.00	26.29 0.77 0.00	25.37 0.77 0.00	30.97 1.22 0.00	39.74 2.26 0.00	43.68 2.68 0.00	41.66 2.52 0.00	39.30 2.23 0.00	39.68 2.32 0.00	33.12 1.81 0.00	45.05 1.52 -13.31	35.21 1.98 0.00	39.50 2.26 0.00	39.02 2.57 0.00	35.47 2.57 0.00	50.64 3.68 0.00	37.69 2.81 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.58 1.92 0.00	34.27 1.63 0.00	33.99 1.22 0.00

BAYONEEC___CTG9 323749	24.74 0.89 0.00	24.73 0.82 0.00	25.05 0.81 0.00	26.29 0.77 0.00	25.37 0.77 0.00	30.97 1.22 0.00	39.74 2.26 0.00	43.68 2.68 0.00	41.66 2.52 0.00	39.30 2.23 0.00	39.68 2.32 0.00	33.12 1.81 0.00	45.05 1.52 -13.31	35.21 1.98 0.00	39.50 2.26 0.00	39.02 2.57 0.00	35.47 2.57 0.00	50.64 3.68 0.00	37.69 2.81 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.58 1.92 0.00	34.27 1.63 0.00	33.99 1.22 0.00
BEACON___LESR 323632	24.71 0.86 0.00	24.78 0.89 0.00	25.05 0.80 0.00	26.24 0.72 0.00	25.27 0.67 0.00	30.54 0.79 0.00	38.84 1.36 0.00	42.73 1.74 0.00	40.61 1.47 0.00	38.32 1.25 0.00	38.62 1.27 0.00	32.20 0.88 0.00	31.11 0.88 0.00	34.42 1.19 0.00	38.50 1.26 0.00	37.98 1.53 0.00	34.37 1.47 0.00	49.29 2.33 0.00	36.43 1.56 0.00	30.11 1.32 0.00	33.48 1.43 0.00	31.78 1.12 0.00	33.54 0.90 0.00	33.48 0.70 0.00
BEAVER RIVER___HYD 24048	22.83 -1.02 0.00	22.82 -1.07 0.00	23.22 -1.03 0.00	24.84 -0.68 0.00	24.12 -0.48 0.00	29.18 -0.57 0.00	36.57 -0.91 0.00	40.38 -0.61 0.00	38.71 -0.43 0.00	37.01 -0.06 0.00	37.45 0.09 0.00	31.62 0.31 0.00	30.48 0.25 0.00	33.47 0.25 0.00	37.21 -0.02 0.00	36.66 0.21 0.00	33.28 0.37 0.00	47.54 0.58 0.00	35.30 0.43 0.00	29.22 0.43 0.00	32.50 0.44 0.00	31.09 0.42 0.00	33.07 0.43 0.00	33.12 0.34 0.00
BEEBEE_GT_13 23619	22.92 -0.93 0.00	22.92 -0.98 0.00	23.27 -0.98 0.00	24.53 -0.99 0.00	23.81 -0.79 0.00	29.13 -0.62 0.00	36.73 -0.75 0.00	40.00 -0.99 0.00	38.42 -0.72 0.00	36.70 -0.38 0.00	37.11 -0.25 0.00	31.15 -0.17 0.00	30.08 -0.14 0.00	33.11 -0.12 0.00	37.04 -0.19 0.00	36.15 -0.30 0.00	32.65 -0.26 0.00	46.52 -0.44 0.00	34.62 -0.25 0.00	28.59 -0.20 0.00	31.77 -0.28 0.00	30.19 -0.48 0.00	31.89 -0.75 0.00	32.33 -0.44 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.94 1.09 0.00	24.91 1.01 0.00	25.23 0.99 0.00	26.47 0.95 0.00	25.55 0.95 0.00	31.19 1.44 0.00	40.07 2.59 0.00	44.05 3.05 0.00	42.00 2.86 0.00	39.62 2.54 0.00	40.01 2.66 0.00	33.42 2.10 0.00	45.27 1.77 -13.28	35.52 2.29 0.00	39.84 2.60 0.00	39.36 2.91 0.00	35.80 2.89 0.00	51.15 4.19 0.00	38.06 3.19 0.00	31.27 2.48 0.00	34.73 2.67 0.00	32.92 2.25 0.00	34.60 1.95 0.00	34.30 1.53 0.00
BETHLEHEM___GRP 23843	24.31 0.46 0.00	24.39 0.49 0.00	24.68 0.43 0.00	25.83 0.32 0.00	24.90 0.30 0.00	29.99 0.24 0.00	38.06 0.58 0.00	41.91 0.91 0.00	39.85 0.70 0.00	37.62 0.55 0.00	37.91 0.55 0.00	31.64 0.33 0.00	30.54 0.31 0.00	33.76 0.53 0.00	37.82 0.59 0.00	37.28 0.83 0.00	33.69 0.78 0.00	48.18 1.22 0.00	35.71 0.84 0.00	29.45 0.66 0.00	32.81 0.75 0.00	31.11 0.45 0.00	32.89 0.25 0.00	32.82 0.05 0.00
BETHLEHEM___GS1 323560	24.31 0.46 0.00	24.39 0.49 0.00	24.68 0.43 0.00	25.83 0.32 0.00	24.90 0.30 0.00	29.99 0.24 0.00	38.06 0.58 0.00	41.91 0.91 0.00	39.85 0.70 0.00	37.62 0.54 0.00	37.91 0.56 0.00	31.64 0.33 0.00	30.54 0.31 0.00	33.75 0.52 0.00	37.83 0.59 0.00	37.28 0.83 0.00	33.69 0.78 0.00	48.18 1.22 0.00	35.71 0.84 0.00	29.45 0.66 0.00	32.81 0.75 0.00	31.11 0.45 0.00	32.89 0.24 0.00	32.82 0.05 0.00
BETHLEHEM___GS2 323561	24.31 0.46 0.00	24.39 0.49 0.00	24.68 0.43 0.00	25.83 0.32 0.00	24.90 0.30 0.00	29.99 0.24 0.00	38.06 0.58 0.00	41.91 0.91 0.00	39.85 0.70 0.00	37.62 0.54 0.00	37.91 0.56 0.00	31.64 0.33 0.00	30.54 0.31 0.00	33.75 0.52 0.00	37.83 0.59 0.00	37.28 0.83 0.00	33.69 0.78 0.00	48.18 1.22 0.00	35.71 0.84 0.00	29.45 0.66 0.00	32.81 0.75 0.00	31.11 0.45 0.00	32.89 0.24 0.00	32.82 0.05 0.00
BETHLEHEM___GS3 323562	24.31 0.46 0.00	24.39 0.49 0.00	24.68 0.43 0.00	25.83 0.32 0.00	24.90 0.30 0.00	29.99 0.24 0.00	38.06 0.58 0.00	41.91 0.91 0.00	39.85 0.70 0.00	37.62 0.54 0.00	37.91 0.56 0.00	31.64 0.33 0.00	30.54 0.31 0.00	33.75 0.52 0.00	37.83 0.59 0.00	37.28 0.83 0.00	33.69 0.78 0.00	48.18 1.22 0.00	35.71 0.84 0.00	29.45 0.66 0.00	32.81 0.75 0.00	31.11 0.45 0.00	32.89 0.24 0.00	32.82 0.05 0.00
BETHLEHEM___STEEL 23779	22.59 -1.26 0.00	22.61 -1.29 0.00	22.97 -1.27 0.00	24.24 -1.28 0.00	23.58 -1.02 0.00	29.06 -0.70 0.00	36.55 -0.92 0.00	39.70 -1.29 0.00	38.22 -0.93 0.00	36.72 -0.36 0.00	37.27 -0.08 0.00	31.27 -0.05 0.00	30.28 0.05 0.00	33.35 0.12 0.00	37.21 -0.02 0.00	36.12 -0.33 0.00	32.61 -0.30 0.00	46.38 -0.58 0.00	34.59 -0.28 0.00	28.63 -0.17 0.00	31.87 -0.18 0.00	30.26 -0.40 0.00	31.92 -0.73 0.00	32.62 -0.16 0.00
BETHLHEM_115KV_TB1 79974	24.36 0.51 0.00	24.44 0.54 0.00	24.73 0.48 0.00	25.90 0.38 0.00	24.96 0.36 0.00	30.08 0.33 0.00	38.17 0.69 0.00	42.02 1.03 0.00	39.96 0.82 0.00	37.73 0.65 0.00	38.03 0.67 0.00	31.74 0.43 0.00	30.63 0.40 0.00	33.85 0.63 0.00	37.93 0.70 0.00	37.39 0.94 0.00	33.79 0.88 0.00	48.31 1.35 0.00	35.81 0.94 0.00	29.54 0.75 0.00	32.91 0.85 0.00	31.20 0.54 0.00	32.99 0.35 0.00	32.91 0.14 0.00
BETHPAGE_CC_5 323564	26.08 1.39 -0.83	25.11 1.21 0.00	25.51 1.26 0.00	26.66 1.14 0.00	25.80 1.20 0.00	31.45 1.70 0.00	40.43 2.95 0.00	44.48 3.48 0.00	42.31 3.17 0.00	39.80 2.73 0.00	40.33 2.97 0.00	33.69 2.38 0.00	45.43 1.98 -13.22	35.86 2.63 0.00	40.33 3.09 0.00	40.22 3.40 -0.37	49.66 3.34 -13.41	59.86 4.89 -8.01	56.62 3.65 -18.11	48.22 2.86 -16.57	42.12 3.05 -7.01	33.38 2.69 -0.02	35.10 2.45 0.00	34.67 1.89 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.72 -1.13 0.00	22.74 -1.16 0.00	23.10 -1.15 0.00	24.38 -1.14 0.00	23.71 -0.89 0.00	29.21 -0.54 0.00	36.78 -0.70 0.00	39.98 -1.01 0.00	38.49 -0.65 0.00	36.98 -0.09 0.00	37.53 0.18 0.00	31.50 0.19 0.00	30.51 0.29 0.00	33.60 0.37 0.00	37.48 0.25 0.00	36.38 -0.06 0.00	32.85 -0.06 0.00	46.75 -0.21 0.00	34.86 -0.01 0.00	28.85 0.05 0.00	32.12 0.06 0.00	30.48 -0.18 0.00	32.15 -0.50 0.00	32.85 0.07 0.00
BINGHAMTON___COGEN 23790	23.59 -0.26 0.00	23.65 -0.24 0.00	23.97 -0.27 0.00	25.24 -0.28 0.00	24.34 -0.26 0.00	29.58 -0.17 0.00	37.55 0.07 0.00	41.15 0.15 0.00	39.30 0.15 0.00	37.34 0.27 0.00	37.66 0.30 0.00	31.57 0.25 0.00	30.46 0.23 0.00	33.59 0.36 0.00	37.65 0.42 0.00	36.86 0.41 0.00	33.42 0.51 0.00	47.69 0.73 0.00	35.46 0.58 0.00	29.23 0.44 0.00	32.44 0.38 0.00	30.88 0.21 0.00	32.61 -0.04 0.00	32.76 -0.02 0.00
BIXINCNT_115KV_LOAD 355685	22.41 -1.44 0.00	22.31 -1.59 0.00	22.72 -1.53 0.00	24.00 -1.52 0.00	23.37 -1.23 0.00	28.79 -0.96 0.00	36.73 -0.75 0.00	40.53 -0.47 0.00	39.18 0.04 0.00	37.69 0.62 0.00	38.26 0.90 0.00	32.13 0.81 0.00	31.33 1.11 0.00	34.44 1.21 0.00	38.32 1.09 0.00	37.13 0.68 0.00	33.46 0.55 0.00	47.92 0.96 0.00	35.71 0.84 0.00	29.52 0.72 0.00	32.80 0.74 0.00	31.16 0.49 0.00	32.91 0.26 0.00	33.64 0.86 0.00

BLACK RIVER___HYD 24047	22.59 -1.26 0.00	22.58 -1.32 0.00	22.94 -1.31 0.00	24.51 -1.01 0.00	23.80 -0.80 0.00	28.91 -0.84 0.00	36.40 -1.08 0.00	40.18 -0.82 0.00	38.58 -0.57 0.00	36.92 -0.16 0.00	37.34 -0.01 0.00	31.55 0.24 0.00	30.44 0.22 0.00	33.42 0.19 0.00	37.18 -0.05 0.00	36.76 0.31 0.00	33.46 0.55 0.00	47.84 0.88 0.00	35.54 0.66 0.00	29.40 0.61 0.00	32.63 0.57 0.00	31.11 0.45 0.00	33.00 0.36 0.00	32.95 0.17 0.00
BLACKRVR_115KV_TB2 79977	22.59 -1.26 0.00	22.58 -1.32 0.00	22.94 -1.31 0.00	24.51 -1.01 0.00	23.80 -0.80 0.00	28.91 -0.84 0.00	36.40 -1.08 0.00	40.18 -0.82 0.00	38.58 -0.56 0.00	36.92 -0.16 0.00	37.34 -0.01 0.00	31.55 0.24 0.00	30.44 0.22 0.00	33.42 0.19 0.00	37.18 -0.05 0.00	36.76 0.31 0.00	33.46 0.55 0.00	47.84 0.88 0.00	35.54 0.66 0.00	29.40 0.61 0.00	32.63 0.57 0.00	31.11 0.45 0.00	33.00 0.36 0.00	32.95 0.17 0.00
BLISS_WT_PWR 323608	22.15 -1.70 0.00	22.04 -1.86 0.00	22.45 -1.80 0.00	23.72 -1.80 0.00	22.14 -1.49 0.97	28.50 -1.25 0.00	36.50 -0.97 0.00	40.41 -0.59 0.00	39.12 -0.03 0.00	37.66 0.58 0.00	38.18 0.83 0.00	32.07 0.76 0.00	22.22 1.11 9.11	32.54 1.20 1.90	37.98 1.05 0.30	37.08 0.64 0.00	31.93 0.51 1.50	47.92 0.96 0.00	35.73 0.86 0.00	28.30 0.74 1.23	27.06 0.75 5.74	30.37 0.49 0.78	32.91 0.27 0.00	29.04 0.87 4.61
BLUESTONE___WT_PWR 323821	23.51 -0.34 0.00	23.68 -0.22 0.00	23.95 -0.30 0.00	25.41 -0.11 0.00	24.60 -0.21 -0.21	29.36 -0.39 0.00	38.11 0.63 0.00	41.49 0.49 0.00	40.15 1.00 0.00	38.38 1.30 0.00	38.56 1.21 0.00	32.25 0.94 0.00	33.42 1.08 -2.11	35.16 1.49 -0.44	39.09 1.79 -0.07	38.30 1.86 0.00	34.68 1.43 -0.34	49.39 2.43 0.00	36.27 1.40 0.00	30.12 1.05 -0.28	34.10 0.71 -1.33	31.28 0.43 -0.18	32.96 0.32 0.00	34.14 0.31 -1.05
BLUE_CIRC_CHEM_DRP 24182	24.65 0.80 0.00	24.74 0.84 0.00	25.05 0.81 0.00	26.26 0.74 0.00	25.30 0.70 0.00	30.52 0.77 0.00	38.69 1.21 0.00	42.57 1.57 0.00	40.50 1.35 0.00	38.23 1.15 0.00	38.50 1.15 0.00	32.14 0.82 0.00	31.03 0.80 0.00	34.28 1.05 0.00	38.40 1.16 0.00	37.82 1.38 0.00	34.17 1.26 0.00	48.83 1.87 0.00	36.20 1.33 0.00	29.86 1.07 0.00	33.28 1.22 0.00	31.57 0.91 0.00	33.40 0.76 0.00	33.39 0.61 0.00
BOC_GAS_DRP 24189	24.45 0.60 0.00	24.52 0.62 0.00	24.83 0.59 0.00	26.04 0.52 0.00	25.09 0.49 0.00	30.28 0.54 0.00	38.43 0.95 0.00	42.26 1.26 0.00	40.22 1.07 0.00	37.98 0.91 0.00	38.29 0.93 0.00	31.97 0.65 0.00	30.83 0.60 0.00	34.06 0.84 0.00	38.17 0.93 0.00	37.59 1.14 0.00	33.99 1.08 0.00	48.57 1.61 0.00	36.03 1.16 0.00	29.72 0.94 0.00	33.10 1.04 0.00	31.42 0.76 0.00	33.23 0.59 0.00	33.19 0.41 0.00
BOONVILLE_115KV_TB1 79983	23.65 -0.20 0.00	23.66 -0.24 0.00	24.04 -0.20 0.00	25.52 0.00 0.00	24.70 0.10 0.00	29.95 0.19 0.00	37.82 0.34 0.00	41.65 0.65 0.00	39.84 0.69 0.00	37.93 0.86 0.00	38.29 0.93 0.00	32.17 0.85 0.00	31.02 0.79 0.00	34.13 0.90 0.00	38.07 0.83 0.00	37.45 1.00 0.00	33.98 1.08 0.00	48.46 1.50 0.00	36.00 1.13 0.00	29.73 0.94 0.00	33.07 1.01 0.00	31.52 0.86 0.00	33.45 0.80 0.00	33.46 0.68 0.00
BORALEX_4TH_BRANCH 23824	25.40 1.55 0.00	25.47 1.57 0.00	25.79 1.54 0.00	26.98 1.46 0.00	25.93 1.33 0.00	31.17 1.42 0.00	39.56 2.08 0.00	43.70 2.71 0.00	41.47 2.33 0.00	39.06 1.99 0.00	39.29 1.94 0.00	32.70 1.38 0.00	31.59 1.36 0.00	34.99 1.77 0.00	39.16 1.93 0.00	38.73 2.28 0.00	34.83 1.92 0.00	49.88 2.92 0.00	36.85 1.98 0.00	30.37 1.58 0.00	34.05 1.99 0.00	32.20 1.54 0.00	34.02 1.37 0.00	33.97 1.20 0.00
BOWLINE___1 23526	24.66 0.81 0.00	24.64 0.74 0.00	24.92 0.67 0.00	26.17 0.66 0.00	25.24 0.64 0.00	30.72 0.97 0.00	39.34 1.86 0.00	43.28 2.28 0.00	41.22 2.08 0.00	38.86 1.78 0.00	39.21 1.85 0.00	32.70 1.39 0.00	57.87 1.12 -26.53	34.72 1.50 0.00	38.97 1.73 0.00	38.45 2.00 0.00	34.98 2.08 0.00	50.04 3.08 0.00	37.19 2.32 0.00	30.58 1.79 0.00	33.97 1.91 0.00	32.22 1.56 0.00	33.91 1.27 0.00	33.68 0.90 0.00
BOWLINE___2 23595	24.66 0.81 0.00	24.64 0.74 0.00	24.92 0.67 0.00	26.17 0.66 0.00	25.24 0.64 0.00	30.72 0.97 0.00	39.34 1.86 0.00	43.28 2.28 0.00	41.22 2.08 0.00	38.86 1.78 0.00	39.22 1.86 0.00	32.70 1.39 0.00	58.13 1.12 -26.79	34.72 1.50 0.00	38.97 1.74 0.00	38.45 2.00 0.00	34.98 2.08 0.00	50.04 3.08 0.00	37.19 2.32 0.00	30.58 1.79 0.00	33.97 1.91 0.00	32.22 1.56 0.00	33.91 1.27 0.00	33.68 0.90 0.00
BRADY___115KV_TB2 356060	24.50 0.65 0.00	24.58 0.68 0.00	24.99 0.75 0.00	26.40 0.88 0.00	25.46 0.86 0.00	30.67 0.92 0.00	38.07 0.59 0.00	41.68 0.68 0.00	39.80 0.65 0.00	37.75 0.67 0.00	38.22 0.87 0.00	32.18 0.87 0.00	31.11 0.88 0.00	34.01 0.78 0.00	38.14 0.91 0.00	36.99 0.54 0.00	33.13 0.22 0.00	47.26 0.30 0.00	35.02 0.14 0.00	29.00 0.21 0.00	32.42 0.36 0.00	31.41 0.75 0.00	33.74 1.10 0.00	34.11 1.33 0.00
BRANSCOMB___SOLAR 323811	25.18 1.34 0.00	25.25 1.35 0.00	25.57 1.33 0.00	26.76 1.25 0.00	25.68 1.08 0.00	30.94 1.19 0.00	39.30 1.82 0.00	43.42 2.42 0.00	41.24 2.09 0.00	38.93 1.86 0.00	39.21 1.86 0.00	32.56 1.25 0.00	31.41 1.18 0.00	34.68 1.46 0.00	38.84 1.61 0.00	38.33 1.89 0.00	34.74 1.83 0.00	49.72 2.76 0.00	36.78 1.91 0.00	30.33 1.54 0.00	33.81 1.76 0.00	32.00 1.34 0.00	33.84 1.19 0.00	33.79 1.01 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	24.63 1.69 0.92	25.39 1.49 0.00	25.81 1.57 0.00	26.93 1.41 0.00	26.11 1.51 0.00	31.86 2.11 0.00	41.01 3.53 0.00	45.08 4.08 0.00	42.89 3.75 0.00	40.30 3.23 0.00	40.87 3.52 0.00	34.16 2.84 0.00	45.84 2.40 -13.22	36.37 3.14 0.00	40.92 3.69 0.00	40.80 4.03 -0.32	48.68 3.91 -11.86	59.79 5.73 -7.10	55.17 4.27 -16.02	46.64 3.37 -14.48	41.81 3.59 -6.16	33.90 3.21 -0.02	35.65 3.00 0.00	35.19 2.41 0.00
BRISTLHL_115KV_TB1 79998	23.23 -0.62 0.00	23.26 -0.64 0.00	23.59 -0.66 0.00	24.82 -0.70 0.00	23.96 -0.64 0.00	29.04 -0.71 0.00	36.70 -0.78 0.00	40.03 -0.97 0.00	38.22 -0.93 0.00	36.29 -0.78 0.00	36.59 -0.77 0.00	30.67 -0.65 0.00	29.61 -0.61 0.00	32.61 -0.62 0.00	36.50 -0.74 0.00	35.81 -0.64 0.00	32.44 -0.47 0.00	46.29 -0.67 0.00	34.43 -0.44 0.00	28.40 -0.40 0.00	31.54 -0.52 0.00	30.04 -0.62 0.00	31.83 -0.82 0.00	32.00 -0.78 0.00
BROOKHAVEN___DRP 24191	24.47 1.75 1.13	25.40 1.50 0.00	25.82 1.57 0.00	26.95 1.44 0.00	26.13 1.53 0.00	31.93 2.18 0.00	41.14 3.67 0.00	45.27 4.27 0.00	43.01 3.87 0.00	40.32 3.25 0.00	40.81 3.45 0.00	34.10 2.78 0.00	45.78 2.34 -13.22	36.31 3.08 0.00	40.97 3.74 0.00	40.90 4.14 -0.32	48.63 4.04 -11.69	59.90 5.94 -6.99	55.11 4.45 -15.78	46.52 3.49 -14.24	41.85 3.73 -6.07	34.04 3.35 -0.02	35.75 3.11 0.00	35.25 2.47 0.00

BROOKLYN_NAVY_YARD 23515	24.72 0.86 0.00	24.69 0.80 0.00	25.02 0.78 0.00	26.26 0.74 0.00	25.35 0.75 0.00	30.93 1.18 0.00	39.69 2.21 0.00	43.64 2.64 0.00	41.62 2.48 0.00	39.24 2.17 0.00	39.62 2.26 0.00	33.07 1.76 0.00	45.02 1.48 -13.31	35.16 1.93 0.00	39.44 2.21 0.00	38.97 2.52 0.00	35.44 2.53 0.00	50.62 3.65 0.00	37.65 2.78 0.00	30.92 2.13 0.00	34.33 2.27 0.00	32.54 1.88 0.00	34.22 1.58 0.00	33.96 1.18 0.00
BROOKLYN___ARMY_DRP 323595	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.84 2.85 0.00	41.79 2.65 0.00	39.42 2.34 0.00	39.81 2.45 0.00	33.25 1.93 0.00	45.11 1.61 -13.28	35.34 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.70 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.75 2.08 0.00	34.42 1.78 0.00	34.14 1.37 0.00
BROOKVLE_69_KV_TB1 55790	28.00 1.32 -2.84	25.08 1.18 0.00	25.44 1.20 0.00	26.65 1.14 0.00	25.75 1.15 0.00	31.42 1.67 0.00	40.36 2.88 0.00	44.41 3.41 0.00	42.22 3.08 0.00	39.84 2.76 0.00	40.31 2.95 0.00	33.66 2.34 0.00	45.44 2.00 -13.22	35.83 2.59 0.00	40.23 3.00 0.00	40.26 3.30 -0.51	54.41 3.20 -18.31	62.49 4.62 -10.91	63.05 3.45 -24.73	54.63 2.73 -23.11	44.69 2.96 -9.68	33.26 2.56 -0.03	34.96 2.31 0.00	34.59 1.82 0.00
BROOME_2_LFGE 323671	23.59 -0.26 0.00	23.65 -0.24 0.00	23.97 -0.27 0.00	25.24 -0.28 0.00	24.62 -0.26 -0.28	29.58 -0.17 0.00	37.55 0.07 0.00	41.15 0.15 0.00	39.30 0.16 0.00	37.35 0.27 0.00	37.66 0.30 0.00	31.57 0.25 0.00	33.31 0.23 -2.85	34.18 0.36 -0.59	37.75 0.43 -0.09	36.86 0.41 0.00	33.88 0.51 -0.46	47.69 0.73 0.00	35.46 0.58 0.00	29.61 0.44 -0.38	34.24 0.38 -1.80	31.13 0.22 -0.25	32.61 -0.04 0.00	34.19 -0.01 -1.43
BROOME___LFGE 323600	23.59 -0.26 0.00	23.65 -0.24 0.00	23.97 -0.27 0.00	25.24 -0.28 0.00	24.62 -0.26 -0.28	29.58 -0.17 0.00	37.55 0.07 0.00	41.15 0.15 0.00	39.30 0.16 0.00	37.35 0.27 0.00	37.66 0.30 0.00	31.57 0.25 0.00	33.31 0.23 -2.85	34.18 0.36 -0.59	37.75 0.43 -0.09	36.86 0.41 0.00	33.88 0.51 -0.46	47.69 0.73 0.00	35.46 0.58 0.00	29.61 0.44 -0.38	34.24 0.38 -1.80	31.13 0.22 -0.25	32.61 -0.04 0.00	34.19 -0.01 -1.43
BROWNFLS_115KV_TB_3_5 80003	23.30 -0.55 0.00	23.33 -0.57 0.00	23.73 -0.51 0.00	25.26 -0.25 0.00	24.44 -0.16 0.00	29.46 -0.29 0.00	36.64 -0.84 0.00	40.33 -0.66 0.00	38.61 -0.54 0.00	36.80 -0.27 0.00	37.33 -0.03 0.00	31.48 0.17 0.00	30.39 0.16 0.00	33.32 0.09 0.00	37.16 -0.08 0.00	36.27 -0.18 0.00	32.70 -0.21 0.00	46.67 -0.29 0.00	34.63 -0.24 0.00	28.68 -0.11 0.00	32.01 -0.05 0.00	30.88 0.22 0.00	33.03 0.39 0.00	33.23 0.45 0.00
BROWNSV1_27_KV_LOAD 356125	24.98 1.13 0.00	24.95 1.05 0.00	25.28 1.03 0.00	26.52 1.00 0.00	25.59 0.99 0.00	31.25 1.50 0.00	40.14 2.66 0.00	44.16 3.16 0.00	42.13 2.98 0.00	39.72 2.65 0.00	40.10 2.75 0.00	33.49 2.18 0.00	45.41 1.88 -13.31	35.61 2.38 0.00	39.94 2.71 0.00	39.46 3.01 0.00	35.89 2.98 0.00	51.24 4.28 0.00	38.13 3.26 0.00	31.31 2.52 0.00	34.76 2.71 0.00	32.95 2.29 0.00	34.65 2.00 0.00	34.36 1.58 0.00
BURROWS___LYONSDAL 23803	23.38 -0.46 0.00	23.38 -0.52 0.00	23.77 -0.47 0.00	25.32 -0.20 0.00	24.53 -0.07 0.00	29.73 -0.02 0.00	37.48 0.00 0.00	41.32 0.32 0.00	39.55 0.40 0.00	37.71 0.64 0.00	38.07 0.72 0.00	32.04 0.73 0.00	30.89 0.66 0.00	33.98 0.75 0.00	37.84 0.61 0.00	37.26 0.81 0.00	33.83 0.92 0.00	48.26 1.30 0.00	35.85 0.98 0.00	29.63 0.84 0.00	32.95 0.89 0.00	31.43 0.76 0.00	33.36 0.72 0.00	33.38 0.60 0.00
CAITHNESS_CC_1 323624	24.39 1.67 1.13	25.33 1.43 0.00	25.75 1.50 0.00	26.87 1.35 0.00	26.05 1.45 0.00	31.82 2.07 0.00	40.99 3.51 0.00	45.09 4.09 0.00	42.86 3.71 0.00	40.21 3.13 0.00	40.71 3.35 0.00	34.01 2.69 0.00	45.71 2.26 -13.22	36.21 2.97 0.00	40.83 3.60 0.00	40.75 3.98 -0.32	48.47 3.88 -11.68	59.66 5.71 -6.99	54.92 4.27 -15.78	46.36 3.34 -14.23	41.68 3.56 -6.06	33.90 3.21 -0.02	35.62 2.97 0.00	35.12 2.35 0.00
CALPINE BETH_PAGE_GT4 24209	26.87 1.33 -1.69	25.05 1.15 0.00	25.44 1.19 0.00	26.59 1.08 0.00	25.73 1.13 0.00	31.33 1.59 0.00	40.26 2.79 0.00	44.30 3.31 0.00	42.15 3.00 0.00	39.64 2.56 0.00	40.16 2.80 0.00	33.55 2.24 0.00	45.29 1.85 -13.22	35.71 2.49 0.00	40.17 2.94 0.00	40.08 3.24 -0.39	50.29 3.19 -14.19	60.10 4.66 -8.47	57.51 3.48 -19.17	49.15 2.73 -17.62	42.41 2.91 -7.44	33.24 2.55 -0.03	34.95 2.30 0.00	34.52 1.74 0.00
CALPINE_BETH_PAGE_GT_4 323586	26.87 1.33 -1.69	25.05 1.15 0.00	25.44 1.19 0.00	26.59 1.08 0.00	25.73 1.13 0.00	31.33 1.59 0.00	40.26 2.79 0.00	44.30 3.31 0.00	42.15 3.00 0.00	39.64 2.57 0.00	40.17 2.81 0.00	33.55 2.24 0.00	45.30 1.85 -13.22	35.71 2.48 0.00	40.17 2.94 0.00	40.08 3.24 -0.39	50.29 3.19 -14.19	60.10 4.66 -8.47	57.52 3.48 -19.17	49.15 2.73 -17.62	42.41 2.91 -7.44	33.24 2.55 -0.03	34.95 2.30 0.00	34.52 1.74 0.00
CALPINE_BP_GT1 23823	26.87 1.33 -1.69	25.05 1.15 0.00	25.44 1.19 0.00	26.59 1.08 0.00	25.73 1.13 0.00	31.33 1.59 0.00	40.26 2.79 0.00	44.30 3.31 0.00	42.15 3.00 0.00	39.64 2.57 0.00	40.17 2.81 0.00	33.55 2.24 0.00	45.30 1.85 -13.22	35.71 2.48 0.00	40.17 2.94 0.00	40.08 3.24 -0.39	50.29 3.19 -14.19	60.10 4.66 -8.47	57.52 3.48 -19.17	49.15 2.73 -17.62	42.41 2.91 -7.44	33.24 2.55 -0.03	34.95 2.30 0.00	34.52 1.74 0.00
CALSPAN___DRP 24200	22.59 -1.26 0.00	22.61 -1.29 0.00	22.97 -1.27 0.00	24.24 -1.28 0.00	23.58 -1.02 0.00	29.06 -0.70 0.00	36.55 -0.92 0.00	39.70 -1.29 0.00	38.22 -0.93 0.00	36.72 -0.36 0.00	37.27 -0.08 0.00	31.27 -0.05 0.00	30.28 0.05 0.00	33.35 0.12 0.00	37.21 -0.02 0.00	36.12 -0.33 0.00	32.61 -0.30 0.00	46.38 -0.58 0.00	34.59 -0.28 0.00	28.63 -0.17 0.00	31.87 -0.18 0.00	30.26 -0.40 0.00	31.92 -0.73 0.00	32.62 -0.16 0.00
CALVERTON___SOLAR 323806	24.57 1.84 1.12	25.49 1.59 0.00	25.90 1.65 0.00	27.03 1.51 0.00	26.22 1.62 0.00	32.05 2.30 0.00	41.32 3.84 0.00	45.46 4.46 0.00	43.18 4.04 0.00	40.46 3.38 0.00	40.93 3.58 0.00	34.19 2.88 0.00	45.87 2.42 -13.22	36.41 3.18 0.00	41.12 3.89 0.00	41.07 4.31 -0.32	48.82 4.22 -11.69	60.18 6.22 -7.00	55.31 4.66 -15.78	46.68 3.65 -14.24	42.02 3.90 -6.07	34.20 3.52 -0.02	35.91 3.26 0.00	35.39 2.61 0.00
CANDIGU_WT_PWR 323617	22.12 -1.73 0.00	22.16 -1.74 0.00	22.46 -1.78 0.00	23.72 -1.80 0.00	23.31 -1.60 -0.30	28.22 -1.53 0.00	35.95 -1.52 0.00	39.44 -1.55 0.00	37.88 -1.27 0.00	36.31 -0.76 0.00	36.66 -0.70 0.00	30.92 -0.40 0.00	33.11 -0.24 -3.12	33.75 -0.12 -0.65	37.10 -0.24 -0.10	35.89 -0.56 0.00	33.05 -0.37 -0.51	46.54 -0.42 0.00	34.79 -0.08 0.00	29.09 -0.12 -0.42	33.75 -0.28 -1.97	30.49 -0.44 -0.27	31.84 -0.81 0.00	33.85 -0.49 -1.56

CARR STREET_E__SYR 24060	23.34 -0.51 0.00	23.38 -0.52 0.00	23.71 -0.54 0.00	24.95 -0.57 0.00	24.08 -0.52 0.00	29.19 -0.56 0.00	36.85 -0.63 0.00	40.07 -0.93 0.00	38.27 -0.88 0.00	36.35 -0.73 0.00	36.65 -0.70 0.00	30.73 -0.59 0.00	29.65 -0.57 0.00	32.67 -0.56 0.00	36.57 -0.67 0.00	35.86 -0.59 0.00	32.49 -0.42 0.00	46.33 -0.63 0.00	34.44 -0.43 0.00	28.41 -0.39 0.00	31.56 -0.50 0.00	30.04 -0.62 0.00	31.89 -0.76 0.00	32.10 -0.67 0.00
CARTHAGE__PAPER 23857	22.92 -0.93 0.00	22.90 -1.00 0.00	23.29 -0.96 0.00	24.90 -0.62 0.00	24.18 -0.42 0.00	29.30 -0.45 0.00	36.81 -0.67 0.00	40.64 -0.36 0.00	38.99 -0.15 0.00	37.28 0.20 0.00	37.72 0.36 0.00	31.86 0.55 0.00	30.74 0.51 0.00	33.73 0.51 0.00	37.53 0.29 0.00	37.02 0.58 0.00	33.66 0.75 0.00	48.08 1.12 0.00	35.70 0.83 0.00	29.55 0.76 0.00	32.83 0.77 0.00	31.37 0.70 0.00	33.33 0.69 0.00	33.33 0.56 0.00
CASSADAGA_WT_PWR 323784	22.15 -1.69 0.00	22.20 -1.70 0.00	22.66 -1.58 0.00	23.86 -1.66 0.00	22.32 -1.34 0.94	28.98 -0.77 0.00	37.04 -0.44 0.00	40.65 -0.34 0.00	38.89 -0.26 0.00	37.40 0.33 0.00	38.01 0.66 0.00	31.74 0.42 0.00	21.77 0.66 9.12	32.22 0.89 1.90	37.74 0.81 0.30	36.67 0.23 0.00	31.74 0.32 1.50	47.36 0.39 0.00	35.33 0.46 0.00	27.92 0.36 1.23	26.72 0.40 5.75	30.10 0.22 0.79	32.44 -0.21 0.00	28.50 0.33 4.61
CE_DUNWOOD__DRP 24194	24.78 0.93 0.00	24.76 0.87 0.00	25.11 0.86 0.00	26.34 0.82 0.00	25.41 0.81 0.00	30.96 1.22 0.00	39.67 2.20 0.00	43.65 2.65 0.00	41.59 2.45 0.00	39.22 2.15 0.00	39.58 2.22 0.00	33.03 1.72 0.00	45.89 1.46 -14.21	35.12 1.90 0.00	39.39 2.16 0.00	38.91 2.46 0.00	35.38 2.47 0.00	50.56 3.60 0.00	37.59 2.72 0.00	30.89 2.10 0.00	34.31 2.26 0.00	32.53 1.87 0.00	34.23 1.59 0.00	33.98 1.20 0.00
CE_MILLWOOD__DRP 24193	24.74 0.89 0.00	24.73 0.83 0.00	25.07 0.82 0.00	26.31 0.79 0.00	25.39 0.78 0.00	30.93 1.18 0.00	39.61 2.13 0.00	43.58 2.59 0.00	41.53 2.38 0.00	39.15 2.08 0.00	39.51 2.16 0.00	32.97 1.65 0.00	46.61 1.40 -14.98	35.06 1.83 0.00	39.32 2.09 0.00	38.83 2.38 0.00	35.31 2.40 0.00	50.47 3.51 0.00	37.52 2.65 0.00	30.83 2.04 0.00	34.25 2.20 0.00	32.48 1.82 0.00	34.18 1.54 0.00	33.93 1.15 0.00
CE_NYC2_DRP 24202	24.77 0.92 0.00	24.76 0.86 0.00	25.10 0.85 0.00	26.32 0.81 0.00	25.41 0.80 0.00	30.99 1.24 0.00	39.79 2.31 0.00	43.77 2.77 0.00	41.75 2.60 0.00	39.37 2.30 0.00	39.76 2.41 0.00	33.20 1.89 0.00	45.09 1.58 -13.28	35.29 2.06 0.00	39.58 2.34 0.00	39.09 2.64 0.00	35.54 2.63 0.00	50.73 3.77 0.00	37.75 2.88 0.00	31.01 2.23 0.00	34.44 2.38 0.00	32.65 1.98 0.00	34.32 1.68 0.00	34.04 1.26 0.00
CE_NYC_DRP 24195	24.79 0.94 0.00	24.76 0.86 0.00	25.09 0.85 0.00	26.32 0.80 0.00	25.40 0.80 0.00	31.02 1.27 0.00	39.82 2.34 0.00	43.78 2.79 0.00	41.77 2.62 0.00	39.39 2.32 0.00	39.76 2.41 0.00	33.21 1.89 0.00	45.14 1.61 -13.31	35.30 2.07 0.00	39.59 2.36 0.00	39.10 2.66 0.00	35.55 2.64 0.00	50.74 3.78 0.00	37.75 2.87 0.00	30.99 2.20 0.00	34.40 2.34 0.00	32.62 1.96 0.00	34.33 1.68 0.00	34.06 1.28 0.00
CHAFFEE__LFGE 323603	22.67 -1.18 0.00	22.69 -1.21 0.00	23.05 -1.19 0.00	24.33 -1.19 0.00	22.81 -0.94 0.86	29.13 -0.62 0.00	36.70 -0.78 0.00	39.87 -1.13 0.00	38.38 -0.77 0.00	36.85 -0.22 0.00	37.40 0.04 0.00	31.39 0.08 0.00	22.19 0.16 8.20	31.77 0.24 1.70	37.06 0.10 0.27	36.26 -0.19 0.00	31.38 -0.18 1.35	46.58 -0.38 0.00	34.73 -0.14 0.00	27.63 -0.06 1.11	26.83 -0.06 5.17	29.67 -0.29 0.71	32.03 -0.61 0.00	28.56 -0.08 4.14
CHATEAUG_35_KV_LOAD 355732	24.43 0.57 0.00	24.57 0.67 0.00	25.07 0.83 0.00	26.60 1.08 0.00	25.43 0.83 0.00	30.14 0.39 0.00	37.28 -0.20 0.00	41.16 0.17 0.00	39.39 0.25 0.00	37.50 0.42 0.00	38.16 0.81 0.00	32.28 0.96 0.00	31.19 0.96 0.00	34.37 1.14 0.00	38.53 1.29 0.00	37.67 1.22 0.00	33.68 0.77 0.00	47.96 0.99 0.00	35.58 0.71 0.00	29.60 0.81 0.00	32.97 0.91 0.00	31.80 1.13 0.00	34.04 1.40 0.00	34.50 1.73 0.00
CHATEAUG_WT_PWR 323614	24.35 0.50 0.00	24.51 0.61 0.00	25.01 0.76 0.00	26.52 1.00 0.00	25.34 0.75 0.00	29.97 0.22 0.00	37.03 -0.45 0.00	40.89 -0.10 0.00	39.13 -0.02 0.00	37.24 0.16 0.00	38.01 0.65 0.00	32.13 0.82 0.00	31.07 0.84 0.00	34.28 1.05 0.00	38.39 1.16 0.00	37.57 1.12 0.00	33.60 0.69 0.00	47.81 0.85 0.00	35.49 0.62 0.00	29.52 0.72 0.00	32.88 0.82 0.00	31.69 1.02 0.00	33.92 1.27 0.00	34.41 1.63 0.00
CHAT_HIGH_FALL_HYD 323578	24.43 0.57 0.00	24.57 0.67 0.00	25.07 0.83 0.00	26.60 1.08 0.00	25.43 0.83 0.00	30.14 0.39 0.00	37.28 -0.20 0.00	41.16 0.17 0.00	39.39 0.25 0.00	37.49 0.42 0.00	38.16 0.80 0.00	32.28 0.96 0.00	31.19 0.97 0.00	34.37 1.14 0.00	38.53 1.29 0.00	37.67 1.22 0.00	33.68 0.77 0.00	47.95 0.99 0.00	35.58 0.71 0.00	29.60 0.81 0.00	32.97 0.91 0.00	31.80 1.13 0.00	34.04 1.40 0.00	34.50 1.73 0.00
CHAUTAUQUA__LFGE 323629	22.39 -1.46 0.00	22.45 -1.45 0.00	22.82 -1.43 0.00	24.09 -1.43 0.00	22.52 -1.19 0.89	28.95 -0.80 0.00	36.70 -0.77 0.00	40.11 -0.88 0.00	38.49 -0.66 0.00	36.95 -0.12 0.00	37.50 0.15 0.00	31.41 0.10 0.00	21.76 0.24 8.71	31.75 0.34 1.81	37.18 0.24 0.29	36.26 -0.18 0.00	31.45 -0.03 1.43	46.82 -0.14 0.00	34.86 -0.01 0.00	27.66 0.05 1.17	26.60 0.03 5.49	29.75 -0.16 0.75	32.07 -0.58 0.00	28.29 -0.08 4.40
CHERRYST_13_KV_LD 356241	24.84 0.99 0.00	24.81 0.91 0.00	25.15 0.90 0.00	26.39 0.87 0.00	25.46 0.86 0.00	31.10 1.35 0.00	39.92 2.44 0.00	43.91 2.91 0.00	41.89 2.75 0.00	39.52 2.45 0.00	39.89 2.53 0.00	33.32 2.00 0.00	45.25 1.71 -13.31	35.42 2.19 0.00	39.72 2.49 0.00	39.23 2.79 0.00	35.67 2.76 0.00	50.89 3.93 0.00	37.86 2.99 0.00	31.08 2.29 0.00	34.49 2.44 0.00	32.71 2.04 0.00	34.42 1.77 0.00	34.14 1.37 0.00
CHESTROR_138KV_BK263 355645	24.57 0.72 0.00	24.57 0.67 0.00	24.87 0.62 0.00	26.12 0.60 0.00	25.18 0.59 0.00	30.63 0.88 0.00	39.14 1.66 0.00	43.05 2.06 0.00	41.01 1.86 0.00	38.65 1.58 0.00	39.00 1.65 0.00	32.56 1.25 0.00	19.04 1.02 12.21	34.61 1.38 0.00	38.81 1.58 0.00	38.27 1.82 0.00	34.80 1.89 0.00	49.78 2.82 0.00	36.99 2.12 0.00	30.44 1.65 0.00	33.81 1.75 0.00	32.09 1.42 0.00	33.79 1.14 0.00	33.60 0.82 0.00
CH_MIDHUDSON__DRP 24192	24.84 0.99 0.00	24.85 0.95 0.00	25.16 0.92 0.00	26.41 0.89 0.00	25.47 0.87 0.00	30.98 1.23 0.00	39.59 2.12 0.00	43.60 2.60 0.00	41.52 2.38 0.00	39.12 2.04 0.00	39.45 2.10 0.00	32.92 1.60 0.00	31.64 1.41 0.00	35.06 1.84 0.00	39.32 2.08 0.00	38.82 2.37 0.00	35.30 2.39 0.00	50.47 3.51 0.00	37.52 2.65 0.00	30.85 2.06 0.00	34.27 2.22 0.00	32.49 1.82 0.00	34.18 1.53 0.00	33.96 1.18 0.00

CH_MISC_IPPS 23765	24.93 1.08 0.00	24.93 1.03 0.00	25.23 0.99 0.00	26.50 0.98 0.00	25.56 0.96 0.00	31.11 1.36 0.00	39.80 2.32 0.00	43.82 2.82 0.00	41.72 2.58 0.00	39.31 2.23 0.00	39.65 2.29 0.00	33.10 1.79 0.00	31.80 1.57 0.00	35.24 2.01 0.00	39.53 2.29 0.00	39.01 2.56 0.00	35.49 2.58 0.00	50.77 3.81 0.00	37.73 2.86 0.00	31.03 2.24 0.00	34.46 2.41 0.00	32.66 2.00 0.00	34.36 1.71 0.00	34.13 1.35 0.00
CH_RES_BVR_FALLS 23983	23.46 -0.39 0.00	23.50 -0.40 0.00	24.01 -0.24 0.00	25.55 0.03 0.00	24.61 0.01 0.00	29.65 -0.10 0.00	37.08 -0.40 0.00	40.60 -0.39 0.00	38.81 -0.34 0.00	36.87 -0.20 0.00	37.22 -0.14 0.00	31.26 -0.05 0.00	30.19 -0.04 0.00	33.13 -0.09 0.00	37.12 -0.11 0.00	36.20 -0.25 0.00	32.59 -0.33 0.00	46.51 -0.45 0.00	34.53 -0.34 0.00	28.57 -0.22 0.00	31.86 -0.20 0.00	30.65 -0.02 0.00	32.80 0.15 0.00	33.02 0.24 0.00
CH_RES_NIAGARA 23895	21.92 -1.93 0.00	21.94 -1.96 0.00	22.31 -1.94 0.00	23.54 -1.98 0.00	22.29 -1.65 0.66	28.22 -1.53 0.00	35.27 -2.21 0.00	37.96 -3.03 0.00	36.48 -2.67 0.00	35.06 -2.01 0.00	35.49 -1.86 0.00	29.97 -1.35 0.00	22.39 -1.20 6.64	30.54 -1.31 1.38	35.39 -1.63 0.22	34.60 -1.84 0.00	30.06 -1.76 1.09	44.01 -2.96 0.00	32.79 -2.08 0.00	26.31 -1.59 0.90	26.15 -1.73 4.18	28.19 -1.90 0.57	30.41 -2.23 0.00	27.85 -1.57 3.36
CH_RES_SYRACUSE 23985	23.50 -0.35 0.00	23.54 -0.36 0.00	23.85 -0.40 0.00	25.11 -0.41 0.00	24.23 -0.37 0.00	29.40 -0.35 0.00	37.16 -0.32 0.00	40.55 -0.45 0.00	38.73 -0.42 0.00	36.79 -0.28 0.00	37.09 -0.27 0.00	31.08 -0.23 0.00	29.98 -0.24 0.00	33.03 -0.19 0.00	37.02 -0.21 0.00	36.30 -0.15 0.00	32.89 -0.02 0.00	46.95 -0.02 0.00	34.88 0.01 0.00	28.77 -0.03 0.00	31.95 -0.11 0.00	30.42 -0.25 0.00	32.23 -0.42 0.00	32.42 -0.36 0.00
CLINTON_WT_PWR 323605	24.35 0.50 0.00	24.51 0.61 0.00	25.01 0.76 0.00	26.52 1.00 0.00	25.34 0.75 0.00	29.97 0.22 0.00	37.03 -0.45 0.00	40.89 -0.10 0.00	39.13 -0.02 0.00	37.24 0.16 0.00	38.01 0.65 0.00	32.13 0.82 0.00	31.07 0.84 0.00	34.28 1.05 0.00	38.39 1.16 0.00	37.57 1.12 0.00	33.60 0.69 0.00	47.81 0.85 0.00	35.49 0.62 0.00	29.52 0.72 0.00	32.88 0.82 0.00	31.69 1.02 0.00	33.92 1.27 0.00	34.41 1.63 0.00
CLINTON__LFGE 323618	24.65 0.80 0.00	24.80 0.90 0.00	25.29 1.04 0.00	26.81 1.29 0.00	25.62 1.02 0.00	30.32 0.57 0.00	37.50 0.02 0.00	41.60 0.60 0.00	39.72 0.58 0.00	37.83 0.76 0.00	38.64 1.29 0.00	32.66 1.34 0.00	31.56 1.33 0.00	34.87 1.64 0.00	39.02 1.79 0.00	38.27 1.82 0.00	34.22 1.31 0.00	48.60 1.63 0.00	36.09 1.22 0.00	30.04 1.25 0.00	33.42 1.36 0.00	32.19 1.52 0.00	34.38 1.74 0.00	34.94 2.16 0.00
COBBLENY_34_KV_TB1 80064	22.67 -1.18 0.00	22.69 -1.21 0.00	23.05 -1.20 0.00	24.33 -1.19 0.00	23.67 -0.93 0.00	29.13 -0.62 0.00	36.70 -0.78 0.00	39.87 -1.13 0.00	38.38 -0.77 0.00	36.84 -0.23 0.00	37.41 0.06 0.00	31.40 0.08 0.00	30.39 0.16 0.00	33.46 0.23 0.00	37.33 0.10 0.00	36.26 -0.19 0.00	32.73 -0.17 0.00	46.58 -0.38 0.00	34.73 -0.14 0.00	28.73 -0.06 0.00	31.99 -0.06 0.00	30.37 -0.30 0.00	32.03 -0.61 0.00	32.71 -0.07 0.00
COFFEEN__115KV_TB3 355620	22.73 -1.12 0.00	22.71 -1.19 0.00	23.07 -1.17 0.00	24.63 -0.88 0.00	23.92 -0.68 0.00	29.07 -0.68 0.00	36.65 -0.82 0.00	40.48 -0.52 0.00	38.86 -0.29 0.00	37.16 0.08 0.00	37.58 0.22 0.00	31.75 0.43 0.00	30.62 0.39 0.00	33.59 0.36 0.00	37.43 0.19 0.00	36.99 0.55 0.00	33.69 0.78 0.00	48.21 1.25 0.00	35.81 0.94 0.00	29.62 0.83 0.00	32.85 0.79 0.00	31.30 0.64 0.00	33.18 0.53 0.00	33.09 0.32 0.00
COLDSPRG_115KV_BK1 355956	23.34 -0.51 0.00	23.36 -0.54 0.00	23.76 -0.49 0.00	25.06 -0.45 0.00	24.34 -0.26 0.00	30.05 0.30 0.00	38.19 0.71 0.00	41.88 0.88 0.00	40.15 1.00 0.00	38.62 1.55 0.00	39.25 1.90 0.00	32.71 1.40 0.00	31.74 1.52 0.00	35.02 1.80 0.00	39.05 1.81 0.00	37.71 1.26 0.00	34.04 1.13 0.00	48.56 1.60 0.00	36.17 1.29 0.00	29.83 1.04 0.00	33.21 1.15 0.00	31.60 0.94 0.00	33.25 0.61 0.00	33.90 1.13 0.00
COLONIE_LFGE__ 323577	24.90 1.04 0.00	24.94 1.05 0.00	25.27 1.02 0.00	26.46 0.94 0.00	25.46 0.86 0.00	30.70 0.95 0.00	38.97 1.49 0.00	42.96 1.96 0.00	40.82 1.67 0.00	38.52 1.44 0.00	38.81 1.45 0.00	32.33 1.02 0.00	31.20 0.97 0.00	34.49 1.27 0.00	38.63 1.40 0.00	38.11 1.67 0.00	34.43 1.52 0.00	49.29 2.33 0.00	36.48 1.61 0.00	30.08 1.29 0.00	33.57 1.51 0.00	31.78 1.12 0.00	33.60 0.96 0.00	33.56 0.79 0.00
COOPERNY_115KV_TB1 80082	24.33 0.49 0.00	24.35 0.45 0.00	24.65 0.41 0.00	25.91 0.39 0.00	24.99 0.39 0.00	30.37 0.62 0.00	38.69 1.21 0.00	42.49 1.49 0.00	40.49 1.35 0.00	38.22 1.15 0.00	38.58 1.22 0.00	32.22 0.91 0.00	24.56 0.74 6.41	34.24 1.01 0.00	38.40 1.17 0.00	37.81 1.36 0.00	34.33 1.43 0.00	49.06 2.10 0.00	36.48 1.60 0.00	30.04 1.25 0.00	33.37 1.31 0.00	31.72 1.05 0.00	33.46 0.81 0.00	33.35 0.57 0.00
COPENHAGEN_WT_PWR 323753	22.32 -1.53 0.00	22.30 -1.60 0.00	22.66 -1.58 0.00	24.23 -1.29 0.00	23.55 -1.05 0.00	28.61 -1.14 0.00	36.00 -1.48 0.00	39.74 -1.26 0.00	38.21 -0.93 0.00	36.59 -0.48 0.00	37.05 -0.31 0.00	31.34 0.02 0.00	30.25 0.03 0.00	33.24 0.01 0.00	36.92 -0.31 0.00	36.54 0.09 0.00	33.27 0.36 0.00	47.58 0.62 0.00	35.34 0.46 0.00	29.25 0.46 0.00	32.46 0.41 0.00	30.94 0.28 0.00	32.84 0.20 0.00	32.79 0.02 0.00
CORNELL____ 23752	23.89 0.04 0.00	23.94 0.04 0.00	24.27 0.02 0.00	25.57 0.05 0.00	24.69 0.09 0.00	30.01 0.26 0.00	38.10 0.62 0.00	41.75 0.75 0.00	39.90 0.76 0.00	37.95 0.88 0.00	38.21 0.86 0.00	32.01 0.69 0.00	30.90 0.67 0.00	34.08 0.85 0.00	38.22 0.99 0.00	37.52 1.07 0.00	34.07 1.16 0.00	48.68 1.72 0.00	36.16 1.29 0.00	29.79 1.00 0.00	33.02 0.96 0.00	31.38 0.71 0.00	33.15 0.50 0.00	33.34 0.56 0.00
CORONAAV_69_KV_TB1 355595	39.68 1.36 -14.48	25.10 1.20 0.00	25.51 1.27 0.00	26.70 1.18 0.00	25.83 1.23 0.00	31.52 1.76 0.00	40.48 3.00 0.00	44.50 3.51 0.00	42.37 3.22 0.00	39.88 2.80 0.00	40.40 3.04 0.00	33.73 2.41 0.00	45.48 2.04 -13.22	35.90 2.67 0.00	40.34 3.11 0.00	40.41 3.40 -0.56	55.95 3.30 -19.75	63.45 4.74 -11.75	65.15 3.60 -26.67	56.80 2.82 -25.20	45.60 3.04 -10.50	33.36 2.66 -0.04	35.08 2.43 -0.01	34.69 1.91 0.00
CORTLAND_115KV_TB3 80093	23.75 -0.09 0.00	23.81 -0.09 0.00	24.12 -0.12 0.00	25.42 -0.10 0.00	24.52 -0.07 0.00	29.77 0.02 0.00	37.66 0.18 0.00	41.23 0.24 0.00	39.38 0.24 0.00	37.41 0.34 0.00	37.69 0.34 0.00	31.59 0.27 0.00	30.50 0.27 0.00	33.61 0.38 0.00	37.83 0.60 0.00	37.10 0.65 0.00	33.66 0.75 0.00	48.06 1.10 0.00	35.70 0.82 0.00	29.37 0.58 0.00	32.52 0.47 0.00	30.94 0.27 0.00	32.71 0.07 0.00	32.96 0.18 0.00

COXSACKIE___GT 23611	25.67 1.82 0.00	25.75 1.85 0.00	26.03 1.79 0.00	27.30 1.78 0.00	26.35 1.75 0.00	31.73 1.98 0.00	40.49 3.01 0.00	45.50 4.51 0.00	43.25 4.10 0.00	40.44 3.36 0.00	40.71 3.35 0.00	33.74 2.43 0.00	32.72 2.50 0.00	36.12 2.90 0.00	40.78 3.54 0.00	39.81 3.36 0.00	35.98 3.07 0.00	51.61 4.65 0.00	38.20 3.33 0.00	31.48 2.68 0.00	34.99 2.93 0.00	33.04 2.37 0.00	34.81 2.17 0.00	34.73 1.95 0.00
CPV_VALLEY___CC1 323721	24.40 0.55 0.00	24.40 0.51 0.00	24.70 0.45 0.00	25.94 0.43 0.00	25.02 0.42 0.00	30.41 0.66 0.00	38.83 1.35 0.00	42.69 1.69 0.00	40.67 1.52 0.00	38.36 1.28 0.00	38.70 1.34 0.00	32.31 0.99 0.00	21.84 0.78 9.16	34.32 1.09 0.00	38.50 1.27 0.00	37.95 1.51 0.00	34.49 1.58 0.00	49.32 2.36 0.00	36.65 1.78 0.00	30.16 1.37 0.00	33.50 1.45 0.00	31.81 1.14 0.00	33.52 0.88 0.00	33.35 0.57 0.00
CPV_VALLEY___CC2 323722	24.40 0.55 0.00	24.40 0.51 0.00	24.70 0.45 0.00	25.94 0.43 0.00	25.02 0.42 0.00	30.41 0.66 0.00	38.83 1.35 0.00	42.69 1.69 0.00	40.67 1.52 0.00	38.36 1.28 0.00	38.70 1.34 0.00	32.31 0.99 0.00	21.84 0.78 9.16	34.32 1.09 0.00	38.50 1.27 0.00	37.95 1.51 0.00	34.49 1.58 0.00	49.32 2.36 0.00	36.65 1.78 0.00	30.16 1.37 0.00	33.50 1.45 0.00	31.81 1.14 0.00	33.52 0.88 0.00	33.35 0.57 0.00
CRESCENT___HYD 24018	24.90 1.04 0.00	24.94 1.05 0.00	25.27 1.02 0.00	26.46 0.94 0.00	25.46 0.86 0.00	30.70 0.95 0.00	38.97 1.49 0.00	42.96 1.96 0.00	40.82 1.67 0.00	38.52 1.44 0.00	38.81 1.45 0.00	32.33 1.02 0.00	31.20 0.97 0.00	34.49 1.27 0.00	38.63 1.40 0.00	38.11 1.67 0.00	34.43 1.52 0.00	49.29 2.33 0.00	36.48 1.61 0.00	30.08 1.29 0.00	33.57 1.51 0.00	31.78 1.12 0.00	33.60 0.96 0.00	33.56 0.79 0.00
CRICKET___VALLEY_CC1 323756	24.73 0.88 0.00	24.76 0.86 0.00	25.06 0.82 0.00	26.29 0.77 0.00	25.32 0.72 0.00	30.76 1.01 0.00	39.19 1.71 0.00	43.20 2.21 0.00	41.13 1.99 0.00	38.73 1.65 0.00	39.05 1.70 0.00	32.53 1.22 0.00	37.52 1.07 -6.22	34.68 1.45 0.00	38.88 1.65 0.00	38.42 1.97 0.00	34.93 2.02 0.00	49.95 2.99 0.00	37.09 2.22 0.00	30.49 1.70 0.00	33.89 1.83 0.00	32.10 1.44 0.00	33.78 1.13 0.00	33.57 0.80 0.00
CRICKET___VALLEY_CC2 323757	24.73 0.88 0.00	24.76 0.86 0.00	25.06 0.82 0.00	26.29 0.77 0.00	25.32 0.72 0.00	30.76 1.01 0.00	39.19 1.71 0.00	43.20 2.21 0.00	41.13 1.99 0.00	38.73 1.65 0.00	39.05 1.70 0.00	32.53 1.22 0.00	37.52 1.07 -6.22	34.68 1.45 0.00	38.88 1.65 0.00	38.42 1.97 0.00	34.93 2.02 0.00	49.95 2.99 0.00	37.09 2.22 0.00	30.49 1.70 0.00	33.89 1.83 0.00	32.10 1.44 0.00	33.78 1.13 0.00	33.57 0.80 0.00
CRICKET___VALLEY_CC3 323758	24.73 0.88 0.00	24.76 0.86 0.00	25.06 0.82 0.00	26.29 0.77 0.00	25.32 0.72 0.00	30.76 1.01 0.00	39.19 1.71 0.00	43.20 2.21 0.00	41.13 1.99 0.00	38.73 1.65 0.00	39.05 1.70 0.00	32.53 1.22 0.00	37.52 1.07 -6.22	34.68 1.45 0.00	38.88 1.65 0.00	38.42 1.97 0.00	34.93 2.02 0.00	49.95 2.99 0.00	37.09 2.22 0.00	30.49 1.70 0.00	33.89 1.83 0.00	32.10 1.44 0.00	33.78 1.13 0.00	33.57 0.80 0.00
CRUCIBLE_METL_DRP 24180	23.50 -0.35 0.00	23.54 -0.36 0.00	23.85 -0.39 0.00	25.11 -0.41 0.00	24.24 -0.37 0.00	29.40 -0.35 0.00	37.16 -0.32 0.00	40.55 -0.45 0.00	38.73 -0.42 0.00	36.79 -0.28 0.00	37.09 -0.26 0.00	31.08 -0.23 0.00	29.98 -0.24 0.00	33.03 -0.19 0.00	37.02 -0.22 0.00	36.29 -0.15 0.00	32.89 -0.02 0.00	46.95 -0.02 0.00	34.88 0.01 0.00	28.77 -0.03 0.00	31.95 -0.11 0.00	30.42 -0.25 0.00	32.22 -0.42 0.00	32.42 -0.36 0.00
DAHOWA___HYDRO 323763	25.27 1.42 0.00	25.33 1.43 0.00	25.65 1.41 0.00	26.84 1.32 0.00	25.72 1.12 0.00	30.97 1.22 0.00	39.34 1.86 0.00	43.53 2.53 0.00	41.33 2.19 0.00	39.02 1.94 0.00	39.32 1.96 0.00	32.61 1.30 0.00	31.46 1.23 0.00	34.73 1.50 0.00	38.89 1.65 0.00	38.37 1.93 0.00	34.80 1.89 0.00	49.83 2.87 0.00	36.84 1.97 0.00	30.37 1.58 0.00	33.86 1.80 0.00	32.03 1.37 0.00	33.87 1.22 0.00	33.81 1.03 0.00
DANC___LFGE 323619	22.64 -1.20 0.00	22.64 -1.26 0.00	22.99 -1.26 0.00	24.42 -1.10 0.00	23.67 -0.93 0.00	28.72 -1.03 0.00	36.18 -1.29 0.00	39.76 -1.23 0.00	38.13 -1.01 0.00	36.42 -0.65 0.00	36.81 -0.55 0.00	31.03 -0.28 0.00	29.96 -0.27 0.00	32.93 -0.30 0.00	36.69 -0.54 0.00	36.18 -0.26 0.00	32.87 -0.04 0.00	46.97 0.01 0.00	34.91 0.04 0.00	28.86 0.06 0.00	32.01 -0.05 0.00	30.56 -0.11 0.00	32.41 -0.23 0.00	32.37 -0.41 0.00
DANSKAMMER___1 23586	24.93 1.08 0.00	24.93 1.03 0.00	25.23 0.99 0.00	26.50 0.98 0.00	25.56 0.96 0.00	31.11 1.36 0.00	39.80 2.32 0.00	43.82 2.82 0.00	41.72 2.58 0.00	39.31 2.23 0.00	39.65 2.29 0.00	33.10 1.79 0.00	31.80 1.57 0.00	35.24 2.01 0.00	39.53 2.29 0.00	39.01 2.56 0.00	35.49 2.58 0.00	50.77 3.81 0.00	37.73 2.86 0.00	31.03 2.24 0.00	34.46 2.41 0.00	32.66 2.00 0.00	34.36 1.71 0.00	34.13 1.35 0.00
DANSKAMMER___2 23589	24.93 1.08 0.00	24.93 1.03 0.00	25.23 0.99 0.00	26.50 0.98 0.00	25.56 0.96 0.00	31.11 1.36 0.00	39.80 2.32 0.00	43.82 2.82 0.00	41.72 2.58 0.00	39.31 2.23 0.00	39.65 2.29 0.00	33.10 1.79 0.00	31.80 1.57 0.00	35.24 2.01 0.00	39.53 2.29 0.00	39.01 2.56 0.00	35.49 2.58 0.00	50.77 3.81 0.00	37.73 2.86 0.00	31.03 2.24 0.00	34.46 2.41 0.00	32.66 2.00 0.00	34.36 1.71 0.00	34.13 1.35 0.00
DANSKAMMER___3 23590	24.93 1.08 0.00	24.93 1.03 0.00	25.23 0.99 0.00	26.50 0.98 0.00	25.56 0.96 0.00	31.11 1.36 0.00	39.80 2.32 0.00	43.82 2.82 0.00	41.72 2.58 0.00	39.31 2.23 0.00	39.65 2.29 0.00	33.10 1.79 0.00	31.80 1.57 0.00	35.24 2.01 0.00	39.53 2.29 0.00	39.01 2.56 0.00	35.49 2.58 0.00	50.77 3.81 0.00	37.73 2.86 0.00	31.03 2.24 0.00	34.46 2.41 0.00	32.66 2.00 0.00	34.36 1.71 0.00	34.13 1.35 0.00
DANSKAMMER___4 23591	24.93 1.08 0.00	24.93 1.03 0.00	25.23 0.99 0.00	26.50 0.98 0.00	25.56 0.96 0.00	31.11 1.36 0.00	39.80 2.32 0.00	43.82 2.82 0.00	41.72 2.58 0.00	39.31 2.23 0.00	39.65 2.29 0.00	33.10 1.79 0.00	31.80 1.57 0.00	35.24 2.01 0.00	39.53 2.29 0.00	39.01 2.56 0.00	35.49 2.58 0.00	50.77 3.81 0.00	37.73 2.86 0.00	31.03 2.24 0.00	34.46 2.41 0.00	32.66 2.00 0.00	34.36 1.71 0.00	34.13 1.35 0.00
DANSKAMMER___DIESEL 23592	24.93 1.08 0.00	24.93 1.03 0.00	25.23 0.99 0.00	26.50 0.98 0.00	25.55 0.96 0.00	31.11 1.36 0.00	39.80 2.32 0.00	43.82 2.82 0.00	41.72 2.58 0.00	39.31 2.23 0.00	39.65 2.29 0.00	33.11 1.79 0.00	31.80 1.57 0.00	35.24 2.01 0.00	39.53 2.30 0.00	39.01 2.56 0.00	35.49 2.58 0.00	50.77 3.81 0.00	37.73 2.86 0.00	31.03 2.24 0.00	34.46 2.41 0.00	32.67 2.00 0.00	34.36 1.71 0.00	34.13 1.35 0.00

DARBY___SOLAR 323810	25.21 1.36 0.00	25.28 1.38 0.00	25.59 1.35 0.00	26.78 1.26 0.00	25.69 1.09 0.00	30.95 1.20 0.00	39.30 1.82 0.00	43.43 2.44 0.00	41.25 2.10 0.00	38.94 1.87 0.00	39.20 1.85 0.00	32.56 1.24 0.00	31.39 1.17 0.00	34.67 1.44 0.00	38.82 1.59 0.00	38.31 1.86 0.00	34.72 1.81 0.00	49.69 2.73 0.00	36.76 1.89 0.00	30.31 1.52 0.00	33.80 1.74 0.00	31.98 1.32 0.00	33.83 1.18 0.00	33.77 0.99 0.00
DASHVILLE___HYD 23610	24.65 0.80 0.00	24.67 0.77 0.00	24.99 0.75 0.00	26.23 0.72 0.00	25.30 0.70 0.00	30.78 1.03 0.00	39.30 1.82 0.00	43.27 2.28 0.00	41.34 2.20 0.00	38.95 1.87 0.00	39.28 1.93 0.00	32.79 1.48 0.00	31.54 1.31 0.00	34.93 1.71 0.00	39.17 1.94 0.00	38.67 2.23 0.00	35.14 2.24 0.00	50.23 3.27 0.00	37.36 2.49 0.00	30.73 1.94 0.00	34.14 2.08 0.00	32.38 1.72 0.00	34.08 1.43 0.00	33.88 1.10 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	25.01 2.28 1.12	25.92 2.03 0.00	26.33 2.09 0.00	27.51 1.99 0.00	26.68 2.08 0.00	32.66 2.91 0.00	42.17 4.69 0.00	46.43 5.44 0.00	44.05 4.91 0.00	41.25 4.17 0.00	41.69 4.33 0.00	34.80 3.49 0.00	46.44 2.99 -13.22	37.08 3.85 0.00	41.92 4.69 0.00	41.89 5.12 -0.32	49.64 5.04 -11.69	61.37 7.41 -7.00	56.22 5.56 -15.79	47.41 4.38 -14.25	42.82 4.69 -6.07	34.92 4.23 -0.02	36.62 3.97 0.00	36.08 3.30 0.00
DELAWARE___LFGE 323621	24.24 0.39 0.00	24.30 0.40 0.00	24.61 0.37 0.00	25.90 0.38 0.00	24.99 0.39 0.00	30.30 0.55 0.00	38.56 1.08 0.00	42.29 1.29 0.00	40.38 1.23 0.00	38.25 1.17 0.00	38.58 1.22 0.00	32.25 0.94 0.00	31.09 0.86 0.00	34.33 1.10 0.00	38.48 1.25 0.00	37.82 1.37 0.00	34.26 1.35 0.00	48.92 1.96 0.00	36.37 1.50 0.00	29.99 1.20 0.00	33.27 1.21 0.00	31.63 0.97 0.00	33.41 0.77 0.00	33.44 0.66 0.00
DERFIELD_115KV_TB7 355931	23.82 -0.02 0.00	23.87 -0.02 0.00	24.22 -0.02 0.00	25.49 -0.03 0.00	24.57 -0.02 0.00	29.72 -0.03 0.00	37.56 0.08 0.00	41.14 0.14 0.00	39.26 0.12 0.00	37.19 0.11 0.00	37.46 0.10 0.00	31.38 0.06 0.00	30.29 0.06 0.00	33.32 0.10 0.00	37.27 0.04 0.00	36.56 0.11 0.00	33.07 0.16 0.00	47.19 0.24 0.00	35.05 0.17 0.00	28.93 0.14 0.00	32.21 0.16 0.00	30.74 0.08 0.00	32.67 0.03 0.00	32.74 -0.04 0.00
DOGLEVILLE___HYD 23807	23.95 0.10 0.00	23.92 0.02 0.00	24.15 -0.09 0.00	25.25 -0.27 0.00	24.29 -0.31 0.00	29.35 -0.40 0.00	37.50 0.02 0.00	41.62 0.62 0.00	39.59 0.45 0.00	37.26 0.18 0.00	37.25 -0.10 0.00	31.05 -0.26 0.00	30.01 -0.22 0.00	33.29 0.06 0.00	37.26 0.03 0.00	36.92 0.47 0.00	33.75 0.84 0.00	48.18 1.22 0.00	35.69 0.82 0.00	29.41 0.62 0.00	32.73 0.67 0.00	30.90 0.23 0.00	32.47 -0.17 0.00	32.18 -0.60 0.00
DUNKIRK___115KV_TB_200 55889	22.43 -1.42 0.00	22.49 -1.41 0.00	22.85 -1.40 0.00	24.12 -1.40 0.00	23.43 -1.17 0.00	28.95 -0.80 0.00	36.67 -0.81 0.00	40.05 -0.94 0.00	38.43 -0.71 0.00	36.88 -0.19 0.00	37.45 0.09 0.00	31.36 0.05 0.00	30.40 0.17 0.00	33.47 0.24 0.00	37.39 0.15 0.00	36.20 -0.24 0.00	32.82 -0.09 0.00	46.72 -0.24 0.00	34.80 -0.08 0.00	28.77 -0.02 0.00	32.02 -0.04 0.00	30.43 -0.23 0.00	32.01 -0.64 0.00	32.63 -0.14 0.00
DUNKIRK___1 23563	22.43 -1.42 0.00	22.49 -1.41 0.00	22.85 -1.40 0.00	24.12 -1.40 0.00	23.43 -1.17 0.00	28.95 -0.80 0.00	36.67 -0.81 0.00	40.05 -0.94 0.00	38.43 -0.71 0.00	36.88 -0.19 0.00	37.45 0.09 0.00	31.36 0.05 0.00	30.40 0.17 0.00	33.47 0.24 0.00	37.39 0.15 0.00	36.20 -0.24 0.00	32.82 -0.09 0.00	46.72 -0.24 0.00	34.80 -0.08 0.00	28.77 -0.02 0.00	32.02 -0.04 0.00	30.43 -0.23 0.00	32.01 -0.64 0.00	32.63 -0.14 0.00
DUNKIRK___2 23564	22.43 -1.42 0.00	22.49 -1.41 0.00	22.85 -1.40 0.00	24.12 -1.40 0.00	23.43 -1.17 0.00	28.95 -0.80 0.00	36.67 -0.81 0.00	40.05 -0.94 0.00	38.43 -0.71 0.00	36.88 -0.19 0.00	37.45 0.09 0.00	31.36 0.05 0.00	30.40 0.17 0.00	33.47 0.24 0.00	37.39 0.15 0.00	36.20 -0.24 0.00	32.82 -0.09 0.00	46.72 -0.24 0.00	34.80 -0.08 0.00	28.77 -0.02 0.00	32.02 -0.04 0.00	30.43 -0.23 0.00	32.01 -0.64 0.00	32.63 -0.14 0.00
DUNKIRK___3 23565	22.49 -1.36 0.00	22.54 -1.36 0.00	22.89 -1.35 0.00	24.18 -1.34 0.00	23.45 -1.14 0.00	28.91 -0.83 0.00	36.58 -0.89 0.00	39.94 -1.05 0.00	38.34 -0.81 0.00	36.79 -0.28 0.00	37.36 0.00 0.00	31.32 0.00 0.00	30.34 0.12 0.00	33.40 0.17 0.00	37.32 0.08 0.00	36.13 -0.32 0.00	32.72 -0.19 0.00	46.58 -0.38 0.00	34.68 -0.19 0.00	28.69 -0.11 0.00	31.91 -0.15 0.00	30.36 -0.31 0.00	31.95 -0.70 0.00	32.56 -0.21 0.00
DUNKIRK___4 23566	22.50 -1.35 0.00	22.54 -1.36 0.00	22.91 -1.34 0.00	24.18 -1.34 0.00	23.49 -1.11 0.00	29.00 -0.75 0.00	36.66 -0.82 0.00	39.97 -1.03 0.00	38.41 -0.74 0.00	36.88 -0.20 0.00	37.45 0.09 0.00	31.39 0.07 0.00	30.41 0.19 0.00	33.49 0.26 0.00	37.40 0.16 0.00	36.22 -0.23 0.00	32.78 -0.13 0.00	46.66 -0.30 0.00	34.77 -0.10 0.00	28.76 -0.03 0.00	32.01 -0.05 0.00	30.42 -0.25 0.00	32.02 -0.62 0.00	32.67 -0.10 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.81 0.96 0.00	24.78 0.88 0.00	25.11 0.87 0.00	26.34 0.82 0.00	25.42 0.82 0.00	30.99 1.24 0.00	39.72 2.25 0.00	43.72 2.72 0.00	41.66 2.51 0.00	39.28 2.21 0.00	39.66 2.30 0.00	33.10 1.78 0.00	45.06 1.51 -13.31	35.19 1.96 0.00	39.47 2.24 0.00	38.98 2.54 0.00	35.44 2.54 0.00	50.65 3.69 0.00	37.66 2.79 0.00	30.94 2.16 0.00	34.38 2.32 0.00	32.59 1.93 0.00	34.29 1.65 0.00	34.03 1.25 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.72 0.87 0.00	24.71 0.81 0.00	25.01 0.77 0.00	26.27 0.75 0.00	25.34 0.74 0.00	30.83 1.08 0.00	39.42 1.94 0.00	43.37 2.37 0.00	41.32 2.17 0.00	38.93 1.86 0.00	39.26 1.91 0.00	32.79 1.47 0.00	27.37 1.25 4.11	34.87 1.64 0.00	39.12 1.88 0.00	38.59 2.14 0.00	35.10 2.19 0.00	50.21 3.25 0.00	37.32 2.45 0.00	30.70 1.91 0.00	34.09 2.04 0.00	32.34 1.67 0.00	34.04 1.39 0.00	33.82 1.04 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	24.81 0.96 0.00	24.82 0.92 0.00	25.18 0.93 0.00	26.40 0.88 0.00	25.48 0.88 0.00	31.04 1.29 0.00	39.82 2.34 0.00	43.82 2.82 0.00	41.77 2.62 0.00	39.38 2.31 0.00	39.77 2.41 0.00	33.22 1.91 0.00	45.08 1.57 -13.28	35.27 2.04 0.00	39.56 2.33 0.00	39.07 2.62 0.00	35.54 2.63 0.00	50.78 3.81 0.00	37.78 2.91 0.00	31.04 2.25 0.00	34.45 2.39 0.00	32.66 2.00 0.00	34.34 1.69 0.00	34.06 1.29 0.00
E179THST_13_KV_LOAD 356214	24.90 1.05 0.00	24.91 1.01 0.00	25.27 1.02 0.00	26.49 0.98 0.00	25.57 0.97 0.00	31.16 1.41 0.00	39.98 2.50 0.00	44.01 3.01 0.00	41.95 2.81 0.00	39.56 2.48 0.00	39.96 2.60 0.00	33.37 2.06 0.00	45.23 1.72 -13.28	35.44 2.21 0.00	39.75 2.52 0.00	39.26 2.81 0.00	35.71 2.80 0.00	51.04 4.08 0.00	37.97 3.09 0.00	31.19 2.40 0.00	34.62 2.56 0.00	32.82 2.15 0.00	34.49 1.85 0.00	34.20 1.43 0.00

EAST HAMPTON___GT 23717	25.21 2.48 1.12	26.11 2.21 0.00	26.52 2.28 0.00	27.72 2.20 0.00	26.88 2.28 0.00	32.92 3.17 0.00	42.53 5.05 0.00	46.84 5.85 0.00	44.43 5.29 0.00	41.58 4.51 0.00	42.03 4.67 0.00	35.06 3.75 0.00	46.67 3.22 -13.22	37.36 4.13 0.00	42.24 5.01 0.00	42.24 5.47 -0.32	50.00 5.40 -11.69	61.90 7.95 -7.00	56.61 5.95 -15.79	47.73 4.69 -14.25	43.17 5.04 -6.07	35.25 4.56 -0.02	36.92 4.28 0.00	36.37 3.59 0.00
EAST RIVER___6 23660	24.77 0.92 0.00	24.75 0.85 0.00	25.08 0.83 0.00	26.31 0.79 0.00	25.40 0.80 0.00	31.04 1.29 0.00	39.87 2.39 0.00	43.84 2.84 0.00	41.85 2.70 0.00	39.49 2.41 0.00	39.87 2.51 0.00	33.31 1.99 0.00	45.23 1.70 -13.31	35.39 2.16 0.00	39.69 2.46 0.00	39.21 2.77 0.00	35.64 2.74 0.00	50.77 3.81 0.00	37.80 2.93 0.00	31.05 2.26 0.00	34.42 2.36 0.00	32.64 1.98 0.00	34.33 1.69 0.00	34.12 1.34 0.00
EAST RIVER___7 23524	24.77 0.92 0.00	24.75 0.85 0.00	25.08 0.83 0.00	26.31 0.79 0.00	25.40 0.80 0.00	31.04 1.29 0.00	39.87 2.39 0.00	43.84 2.84 0.00	41.85 2.70 0.00	39.49 2.41 0.00	39.87 2.51 0.00	33.31 1.99 0.00	45.23 1.70 -13.31	35.39 2.16 0.00	39.69 2.46 0.00	39.21 2.77 0.00	35.64 2.74 0.00	50.77 3.81 0.00	37.80 2.93 0.00	31.05 2.26 0.00	34.42 2.36 0.00	32.64 1.98 0.00	34.33 1.69 0.00	34.12 1.34 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.78 0.93 0.00	24.76 0.87 0.00	25.11 0.86 0.00	26.34 0.82 0.00	25.41 0.81 0.00	30.96 1.22 0.00	39.67 2.20 0.00	43.65 2.65 0.00	41.59 2.45 0.00	39.22 2.15 0.00	39.58 2.22 0.00	33.03 1.72 0.00	45.89 1.46 -14.21	35.12 1.90 0.00	39.39 2.16 0.00	38.91 2.46 0.00	35.38 2.47 0.00	50.56 3.60 0.00	37.59 2.72 0.00	30.89 2.10 0.00	34.31 2.26 0.00	32.53 1.87 0.00	34.23 1.59 0.00	33.98 1.20 0.00
EAST_HAMPTON___DIESEL 23722	25.21 2.48 1.12	26.11 2.22 0.00	26.52 2.28 0.00	27.72 2.20 0.00	26.88 2.28 0.00	32.92 3.17 0.00	42.53 5.05 0.00	46.85 5.85 0.00	44.43 5.29 0.00	41.59 4.51 0.00	42.03 4.67 0.00	35.07 3.75 0.00	46.67 3.23 -13.22	37.37 4.14 0.00	42.24 5.01 0.00	42.24 5.47 -0.32	50.00 5.40 -11.69	61.92 7.96 -7.00	56.62 5.95 -15.79	47.73 4.70 -14.25	43.17 5.04 -6.07	35.25 4.56 -0.02	36.93 4.28 0.00	36.37 3.60 0.00
EAST_PULASKI___ESR 323781	23.01 -0.84 0.00	23.03 -0.87 0.00	23.36 -0.89 0.00	24.67 -0.85 0.00	23.85 -0.75 0.00	28.90 -0.85 0.00	36.47 -1.01 0.00	39.89 -1.10 0.00	38.17 -0.98 0.00	36.35 -0.72 0.00	36.68 -0.68 0.00	30.81 -0.51 0.00	29.74 -0.49 0.00	32.73 -0.50 0.00	36.57 -0.67 0.00	35.95 -0.50 0.00	32.58 -0.33 0.00	46.53 -0.43 0.00	34.61 -0.27 0.00	28.56 -0.23 0.00	31.68 -0.38 0.00	30.25 -0.42 0.00	32.07 -0.57 0.00	32.08 -0.70 0.00
EAST_RIVER___1 323558	24.79 0.94 0.00	24.76 0.86 0.00	25.09 0.85 0.00	26.32 0.80 0.00	25.40 0.80 0.00	31.02 1.27 0.00	39.83 2.35 0.00	43.79 2.79 0.00	41.77 2.62 0.00	39.39 2.32 0.00	39.77 2.41 0.00	33.21 1.89 0.00	45.14 1.61 -13.31	35.30 2.07 0.00	39.59 2.35 0.00	39.10 2.66 0.00	35.55 2.64 0.00	50.74 3.78 0.00	37.75 2.87 0.00	30.99 2.20 0.00	34.40 2.34 0.00	32.63 1.96 0.00	34.33 1.68 0.00	34.06 1.28 0.00
EAST_RIVER___2 323559	24.77 0.92 0.00	24.75 0.85 0.00	25.08 0.83 0.00	26.31 0.79 0.00	25.40 0.80 0.00	31.04 1.29 0.00	39.87 2.39 0.00	43.84 2.84 0.00	41.85 2.70 0.00	39.49 2.41 0.00	39.87 2.51 0.00	33.31 1.99 0.00	45.23 1.70 -13.31	35.39 2.16 0.00	39.69 2.46 0.00	39.21 2.77 0.00	35.64 2.74 0.00	50.77 3.81 0.00	37.80 2.93 0.00	31.05 2.26 0.00	34.42 2.36 0.00	32.64 1.98 0.00	34.33 1.69 0.00	34.12 1.34 0.00
EAST___DELAWARE_HYD 23607	24.46 0.61 0.00	24.50 0.60 0.00	24.81 0.56 0.00	26.08 0.56 0.00	25.17 0.57 0.00	30.65 0.90 0.00	39.26 1.78 0.00	43.14 2.14 0.00	41.05 1.91 0.00	38.53 1.45 0.00	38.88 1.53 0.00	32.47 1.16 0.00	31.25 1.02 0.00	34.60 1.37 0.00	38.82 1.58 0.00	38.33 1.88 0.00	34.94 2.03 0.00	50.02 3.06 0.00	37.24 2.37 0.00	30.60 1.81 0.00	34.00 1.95 0.00	32.20 1.54 0.00	33.86 1.21 0.00	33.65 0.87 0.00
EIGHT_POINT___WT_PWR 323820	21.38 -2.46 0.00	21.35 -2.54 0.00	21.65 -2.60 0.00	22.85 -2.67 0.00	22.38 -2.37 -0.16	27.57 -2.18 0.00	35.23 -2.25 0.00	38.69 -2.31 0.00	37.33 -1.81 0.00	35.84 -1.24 0.00	36.21 -1.15 0.00	30.77 -0.55 0.00	31.59 -0.25 -1.62	33.63 0.07 -0.34	37.12 -0.17 -0.05	35.90 -0.55 0.00	32.60 -0.57 -0.26	46.46 -0.50 0.00	34.69 -0.18 0.00	28.90 -0.10 -0.21	32.83 -0.25 -1.02	30.37 -0.44 -0.14	31.75 -0.89 0.00	33.21 -0.37 -0.80
ELBRIDGE_115KV_TB2 80188	23.39 -0.46 0.00	23.44 -0.46 0.00	23.74 -0.50 0.00	24.99 -0.53 0.00	24.12 -0.48 0.00	29.29 -0.46 0.00	36.99 -0.49 0.00	40.39 -0.61 0.00	38.59 -0.56 0.00	36.66 -0.41 0.00	36.95 -0.40 0.00	30.96 -0.36 0.00	29.84 -0.38 0.00	32.87 -0.35 0.00	36.87 -0.36 0.00	36.15 -0.30 0.00	32.74 -0.16 0.00	46.76 -0.20 0.00	34.71 -0.17 0.00	28.63 -0.16 0.00	31.82 -0.23 0.00	30.26 -0.40 0.00	32.07 -0.57 0.00	32.30 -0.48 0.00
ELEC_TRO_TEK 24086	30.78 1.25 -5.68	24.99 1.10 0.00	25.38 1.13 0.00	26.55 1.03 0.00	25.68 1.08 0.00	31.32 1.57 0.00	40.23 2.76 0.00	44.23 3.24 0.00	42.12 2.97 0.00	39.64 2.56 0.00	40.14 2.78 0.00	33.53 2.21 0.00	45.29 1.84 -13.22	35.68 2.45 0.00	40.09 2.85 0.00	40.15 3.15 -0.56	55.57 3.08 -19.58	63.09 4.47 -11.66	64.66 3.35 -26.44	56.28 2.61 -24.88	45.26 2.82 -10.38	33.14 2.44 -0.04	34.85 2.21 -0.01	34.47 1.69 0.00
ELLENBURG_WT_PWR 323604	24.35 0.50 0.00	24.51 0.61 0.00	25.01 0.76 0.00	26.52 1.00 0.00	25.34 0.75 0.00	29.97 0.22 0.00	37.03 -0.45 0.00	40.89 -0.10 0.00	39.13 -0.02 0.00	37.24 0.16 0.00	38.01 0.65 0.00	32.13 0.82 0.00	31.07 0.84 0.00	34.28 1.05 0.00	38.39 1.16 0.00	37.57 1.12 0.00	33.60 0.69 0.00	47.81 0.85 0.00	35.49 0.62 0.00	29.52 0.72 0.00	32.88 0.82 0.00	31.69 1.02 0.00	33.92 1.27 0.00	34.41 1.63 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.45 -1.40 0.00	22.46 -1.43 0.00	22.83 -1.41 0.00	24.09 -1.43 0.00	23.45 -1.15 0.00	28.87 -0.87 0.00	36.28 -1.20 0.00	39.34 -1.66 0.00	37.88 -1.26 0.00	36.37 -0.70 0.00	36.91 -0.44 0.00	30.99 -0.32 0.00	30.00 -0.22 0.00	33.02 -0.21 0.00	36.85 -0.38 0.00	35.79 -0.66 0.00	32.28 -0.63 0.00	45.89 -1.07 0.00	34.22 -0.66 0.00	28.32 -0.47 0.00	31.53 -0.53 0.00	29.95 -0.72 0.00	31.60 -1.04 0.00	32.32 -0.46 0.00
EMPIRE_CC_1 323656	24.61 0.76 0.00	24.67 0.77 0.00	24.98 0.74 0.00	26.17 0.65 0.00	25.19 0.59 0.00	30.38 0.63 0.00	38.45 0.98 0.00	42.33 1.33 0.00	40.22 1.08 0.00	37.96 0.88 0.00	38.28 0.93 0.00	31.94 0.62 0.00	30.84 0.61 0.00	34.10 0.87 0.00	38.16 0.93 0.00	37.65 1.20 0.00	33.98 1.07 0.00	48.60 1.64 0.00	36.01 1.14 0.00	29.72 0.93 0.00	33.16 1.11 0.00	31.42 0.75 0.00	33.23 0.58 0.00	33.25 0.47 0.00

EMPIRE_CC_2 323658	24.61 0.76 0.00	24.67 0.77 0.00	24.98 0.74 0.00	26.17 0.65 0.00	25.19 0.59 0.00	30.38 0.63 0.00	38.45 0.98 0.00	42.33 1.33 0.00	40.22 1.08 0.00	37.96 0.88 0.00	38.28 0.93 0.00	31.94 0.62 0.00	30.84 0.61 0.00	34.10 0.87 0.00	38.16 0.93 0.00	37.65 1.20 0.00	33.98 1.07 0.00	48.60 1.64 0.00	36.01 1.14 0.00	29.72 0.93 0.00	33.16 1.11 0.00	31.42 0.75 0.00	33.23 0.58 0.00	33.25 0.47 0.00
ENORWICH_115KV_TB1 80156	24.37 0.52 0.00	24.50 0.61 0.00	24.83 0.58 0.00	26.32 0.80 0.00	25.42 0.82 0.00	30.78 1.03 0.00	39.77 2.29 0.00	43.56 2.56 0.00	41.73 2.58 0.00	39.76 2.69 0.00	40.06 2.71 0.00	33.33 2.02 0.00	32.27 2.05 0.00	35.79 2.56 0.00	40.10 2.87 0.00	39.64 3.19 0.00	35.94 3.03 0.00	51.56 4.59 0.00	38.06 3.19 0.00	31.22 2.42 0.00	34.43 2.37 0.00	32.56 1.89 0.00	34.35 1.71 0.00	34.45 1.67 0.00
ERIE_ST__34_KV_TB1-2 80199	23.17 -0.68 0.00	23.18 -0.72 0.00	23.55 -0.70 0.00	24.85 -0.67 0.00	24.16 -0.45 0.00	29.72 -0.03 0.00	37.40 -0.08 0.00	40.64 -0.36 0.00	39.13 -0.01 0.00	37.62 0.54 0.00	38.14 0.78 0.00	32.02 0.70 0.00	31.01 0.78 0.00	34.16 0.93 0.00	38.11 0.87 0.00	36.97 0.52 0.00	33.37 0.46 0.00	47.49 0.53 0.00	35.39 0.52 0.00	29.28 0.48 0.00	32.61 0.55 0.00	30.95 0.29 0.00	32.63 -0.01 0.00	33.35 0.57 0.00
ERIE_WT_PWR 323693	22.57 -1.28 0.00	22.59 -1.30 0.00	22.95 -1.29 0.00	24.23 -1.29 0.00	22.82 -1.03 0.75	29.05 -0.71 0.00	36.52 -0.96 0.00	39.68 -1.32 0.00	38.20 -0.94 0.00	36.71 -0.37 0.00	37.28 -0.08 0.00	31.27 -0.04 0.00	23.00 0.06 7.29	31.85 0.14 1.52	36.99 0.00 0.24	36.14 -0.30 0.00	31.43 -0.28 1.20	46.41 -0.55 0.00	34.64 -0.24 0.00	27.68 -0.13 0.98	27.33 -0.13 4.59	29.67 -0.37 0.63	31.95 -0.69 0.00	28.95 -0.14 3.69
ESPRGFLD_115KV_TB1 80157	24.43 0.58 0.00	24.36 0.46 0.00	24.72 0.47 0.00	26.17 0.65 0.00	25.36 0.75 0.00	30.76 1.01 0.00	39.05 1.57 0.00	42.64 1.64 0.00	40.87 1.73 0.00	38.87 1.79 0.00	39.23 1.87 0.00	32.89 1.58 0.00	31.79 1.57 0.00	34.97 1.75 0.00	39.19 1.96 0.00	38.32 1.87 0.00	34.71 1.80 0.00	49.52 2.55 0.00	36.80 1.92 0.00	30.42 1.62 0.00	33.62 1.56 0.00	32.11 1.45 0.00	34.12 1.47 0.00	34.37 1.60 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.87 0.02 0.00	23.92 0.02 0.00	24.24 0.00 0.00	25.54 0.03 0.00	24.66 0.06 0.00	29.97 0.22 0.00	38.04 0.56 0.00	41.67 0.67 0.00	39.82 0.67 0.00	37.86 0.79 0.00	38.12 0.76 0.00	31.94 0.62 0.00	30.82 0.60 0.00	33.99 0.76 0.00	38.13 0.90 0.00	37.42 0.98 0.00	33.99 1.08 0.00	48.56 1.59 0.00	36.07 1.19 0.00	29.71 0.92 0.00	32.94 0.88 0.00	31.30 0.64 0.00	33.07 0.42 0.00	33.26 0.49 0.00
ETNA_____115KV_TB2 80207	23.87 0.02 0.00	23.92 0.02 0.00	24.24 0.00 0.00	25.54 0.03 0.00	24.66 0.06 0.00	29.97 0.22 0.00	38.04 0.56 0.00	41.67 0.67 0.00	39.82 0.67 0.00	37.86 0.79 0.00	38.12 0.76 0.00	31.94 0.62 0.00	30.82 0.60 0.00	33.99 0.76 0.00	38.13 0.90 0.00	37.42 0.98 0.00	33.99 1.08 0.00	48.56 1.59 0.00	36.07 1.19 0.00	29.71 0.92 0.00	32.94 0.88 0.00	31.30 0.64 0.00	33.07 0.42 0.00	33.26 0.49 0.00
EUCLID___115KV_TB2 356179	23.24 -0.61 0.00	23.28 -0.62 0.00	23.60 -0.65 0.00	24.84 -0.68 0.00	23.97 -0.63 0.00	29.07 -0.68 0.00	36.70 -0.78 0.00	40.00 -1.00 0.00	38.22 -0.93 0.00	36.28 -0.79 0.00	36.59 -0.76 0.00	30.67 -0.65 0.00	29.60 -0.62 0.00	32.60 -0.63 0.00	36.50 -0.74 0.00	35.79 -0.66 0.00	32.40 -0.50 0.00	46.23 -0.73 0.00	34.37 -0.50 0.00	28.35 -0.44 0.00	31.50 -0.56 0.00	30.00 -0.66 0.00	31.80 -0.84 0.00	32.00 -0.78 0.00
E_CANADA_CAP_HY 24051	24.76 0.91 0.00	24.63 0.74 0.00	25.02 0.77 0.00	26.51 0.99 0.00	25.67 1.07 0.00	31.09 1.35 0.00	39.34 1.86 0.00	42.88 1.88 0.00	41.11 1.97 0.00	39.05 1.97 0.00	39.34 1.98 0.00	32.98 1.67 0.00	31.94 1.72 0.00	35.06 1.83 0.00	39.28 2.05 0.00	38.39 1.94 0.00	34.80 1.89 0.00	49.61 2.64 0.00	36.83 1.95 0.00	30.48 1.69 0.00	33.73 1.67 0.00	32.25 1.59 0.00	34.38 1.74 0.00	34.68 1.91 0.00
E_CANADA_MHWK_HY 24050	23.95 0.10 0.00	23.92 0.02 0.00	24.15 -0.09 0.00	25.25 -0.27 0.00	24.29 -0.31 0.00	29.35 -0.40 0.00	37.50 0.02 0.00	41.62 0.62 0.00	39.59 0.45 0.00	37.26 0.18 0.00	37.25 -0.10 0.00	31.05 -0.26 0.00	30.01 -0.22 0.00	33.29 0.06 0.00	37.26 0.03 0.00	36.92 0.47 0.00	33.75 0.84 0.00	48.18 1.22 0.00	35.69 0.82 0.00	29.41 0.62 0.00	32.73 0.67 0.00	30.90 0.23 0.00	32.47 -0.17 0.00	32.18 -0.60 0.00
E_FISHKILL___LBMP 23776	24.72 0.87 0.00	24.72 0.82 0.00	25.04 0.80 0.00	26.28 0.76 0.00	25.34 0.74 0.00	30.83 1.08 0.00	39.42 1.94 0.00	43.38 2.39 0.00	41.33 2.18 0.00	38.95 1.88 0.00	39.30 1.95 0.00	32.79 1.48 0.00	36.41 1.26 -4.92	34.89 1.66 0.00	39.12 1.89 0.00	38.63 2.18 0.00	35.11 2.20 0.00	50.19 3.23 0.00	37.30 2.43 0.00	30.67 1.88 0.00	34.07 2.02 0.00	32.31 1.65 0.00	34.01 1.36 0.00	33.79 1.01 0.00
FALCON___SEABRD_CC1 323796	24.63 0.78 0.00	24.79 0.89 0.00	25.28 1.04 0.00	26.81 1.29 0.00	25.59 0.99 0.00	30.22 0.46 0.00	37.29 -0.19 0.00	41.28 0.28 0.00	39.46 0.31 0.00	37.54 0.47 0.00	38.33 0.98 0.00	32.36 1.05 0.00	31.28 1.05 0.00	34.59 1.36 0.00	38.68 1.45 0.00	37.95 1.50 0.00	33.91 1.00 0.00	48.21 1.25 0.00	35.81 0.94 0.00	29.83 1.05 0.00	33.18 1.13 0.00	31.96 1.29 0.00	34.17 1.53 0.00	34.83 2.05 0.00
FALCON___SEABRD_CC2 323797	24.63 0.78 0.00	24.79 0.89 0.00	25.28 1.04 0.00	26.81 1.29 0.00	25.59 0.99 0.00	30.22 0.46 0.00	37.29 -0.19 0.00	41.28 0.28 0.00	39.46 0.31 0.00	37.54 0.47 0.00	38.33 0.98 0.00	32.36 1.05 0.00	31.28 1.05 0.00	34.59 1.36 0.00	38.68 1.45 0.00	37.95 1.50 0.00	33.91 1.00 0.00	48.21 1.25 0.00	35.81 0.94 0.00	29.83 1.05 0.00	33.18 1.13 0.00	31.96 1.29 0.00	34.17 1.53 0.00	34.83 2.05 0.00
FAR ROCKAWAY___4 23548	40.74 1.42 -15.47	25.16 1.26 0.00	25.66 1.42 0.00	26.87 1.35 0.00	26.01 1.41 0.00	31.73 1.98 0.00	40.80 3.32 0.00	44.86 3.87 0.00	42.69 3.54 0.00	40.17 3.10 0.00	40.73 3.38 0.00	33.99 2.67 0.00	45.73 2.28 -13.22	36.18 2.95 0.00	40.68 3.45 0.00	40.71 3.75 -0.51	54.31 3.56 -17.84	62.50 4.93 -10.62	62.92 3.96 -24.09	54.65 3.10 -22.76	44.89 3.34 -9.48	33.64 2.94 -0.03	35.36 2.71 0.00	34.96 2.18 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.79 0.94 0.00	24.77 0.87 0.00	25.10 0.86 0.00	26.34 0.82 0.00	25.42 0.82 0.00	31.02 1.28 0.00	39.82 2.35 0.00	43.80 2.80 0.00	41.77 2.62 0.00	39.39 2.32 0.00	39.76 2.41 0.00	33.21 1.89 0.00	45.14 1.61 -13.31	35.30 2.08 0.00	39.60 2.36 0.00	39.11 2.66 0.00	35.57 2.66 0.00	50.77 3.81 0.00	37.77 2.90 0.00	31.02 2.23 0.00	34.43 2.37 0.00	32.65 1.98 0.00	34.35 1.70 0.00	34.06 1.28 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.81 0.96 0.00	24.79 0.89 0.00	25.11 0.87 0.00	26.34 0.82 0.00	25.42 0.82 0.00	31.04 1.29 0.00	39.84 2.36 0.00	43.81 2.81 0.00	41.80 2.65 0.00	39.41 2.34 0.00	39.78 2.43 0.00	33.23 1.91 0.00	45.14 1.61 -13.31	35.31 2.08 0.00	39.61 2.38 0.00	39.13 2.68 0.00	35.57 2.67 0.00	50.80 3.84 0.00	37.79 2.92 0.00	31.03 2.24 0.00	34.45 2.40 0.00	32.67 2.01 0.00	34.36 1.72 0.00	34.09 1.31 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.79 0.94 0.00	24.76 0.86 0.00	25.09 0.85 0.00	26.33 0.81 0.00	25.40 0.80 0.00	31.01 1.26 0.00	39.81 2.33 0.00	43.77 2.77 0.00	41.76 2.61 0.00	39.37 2.30 0.00	39.76 2.41 0.00	33.19 1.88 0.00	45.12 1.59 -13.31	35.28 2.05 0.00	39.57 2.34 0.00	39.09 2.64 0.00	35.54 2.63 0.00	50.74 3.78 0.00	37.75 2.88 0.00	31.00 2.21 0.00	34.41 2.35 0.00	32.63 1.96 0.00	34.32 1.68 0.00	34.05 1.27 0.00
FARRAGUT___LBMP 323566	24.77 0.92 0.00	24.75 0.85 0.00	25.08 0.83 0.00	26.31 0.79 0.00	25.39 0.79 0.00	30.99 1.24 0.00	39.78 2.30 0.00	43.73 2.73 0.00	41.71 2.57 0.00	39.34 2.26 0.00	39.71 2.35 0.00	33.16 1.85 0.00	45.08 1.55 -13.31	35.24 2.01 0.00	39.54 2.30 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.69 3.73 0.00	37.72 2.85 0.00	30.97 2.18 0.00	34.39 2.33 0.00	32.61 1.94 0.00	34.29 1.65 0.00	34.02 1.25 0.00
FENNER___WINDPWR 24204	23.84 0.00 0.00	23.88 -0.02 0.00	24.23 -0.01 0.00	25.58 0.06 0.00	24.68 0.08 0.00	29.98 0.23 0.00	38.41 0.93 0.00	42.16 1.17 0.00	40.35 1.21 0.00	38.37 1.30 0.00	38.82 1.46 0.00	32.42 1.11 0.00	31.27 1.05 0.00	34.43 1.20 0.00	38.10 0.87 0.00	37.44 0.99 0.00	33.90 0.99 0.00	48.29 1.33 0.00	35.88 1.01 0.00	29.69 0.89 0.00	33.21 1.15 0.00	31.59 0.93 0.00	33.38 0.74 0.00	33.17 0.39 0.00
FIBERTEK___ENERGY 23856	23.50 -0.35 0.00	23.54 -0.36 0.00	23.85 -0.39 0.00	25.11 -0.41 0.00	24.24 -0.37 0.00	29.40 -0.35 0.00	37.16 -0.32 0.00	40.55 -0.45 0.00	38.73 -0.42 0.00	36.79 -0.28 0.00	37.09 -0.26 0.00	31.08 -0.23 0.00	29.98 -0.24 0.00	33.03 -0.19 0.00	37.02 -0.22 0.00	36.29 -0.15 0.00	32.89 -0.02 0.00	46.95 -0.02 0.00	34.88 0.01 0.00	28.77 -0.03 0.00	31.95 -0.11 0.00	30.42 -0.25 0.00	32.22 -0.42 0.00	32.42 -0.36 0.00
FITZPATRICK____ 23598	23.00 -0.85 0.00	23.04 -0.86 0.00	23.37 -0.87 0.00	24.59 -0.93 0.00	23.72 -0.88 0.00	28.72 -1.03 0.00	36.19 -1.29 0.00	39.42 -1.57 0.00	37.66 -1.48 0.00	35.74 -1.33 0.00	36.03 -1.33 0.00	30.22 -1.10 0.00	29.15 -1.08 0.00	32.09 -1.14 0.00	35.94 -1.29 0.00	35.21 -1.23 0.00	31.86 -1.05 0.00	45.44 -1.52 0.00	33.78 -1.09 0.00	27.88 -0.92 0.00	30.99 -1.07 0.00	29.56 -1.11 0.00	31.37 -1.27 0.00	31.59 -1.19 0.00
FLOWRFLD_69_KV_BK1 356044	24.52 1.73 1.05	25.39 1.49 0.00	25.80 1.55 0.00	26.92 1.40 0.00	26.10 1.49 0.00	31.89 2.14 0.00	41.10 3.62 0.00	45.21 4.22 0.00	42.98 3.84 0.00	40.36 3.28 0.00	40.84 3.49 0.00	34.13 2.82 0.00	45.84 2.40 -13.22	36.37 3.14 0.00	40.98 3.75 0.00	40.89 4.12 -0.32	48.70 4.04 -11.76	59.98 5.98 -7.04	55.23 4.48 -15.88	46.65 3.52 -14.33	41.91 3.75 -6.10	34.02 3.33 -0.02	35.74 3.09 0.00	35.23 2.46 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.98 1.13 0.00	24.97 1.07 0.00	25.28 1.04 0.00	26.54 1.03 0.00	25.60 1.00 0.00	31.17 1.42 0.00	39.87 2.40 0.00	43.90 2.91 0.00	41.82 2.68 0.00	39.40 2.33 0.00	39.75 2.39 0.00	33.18 1.86 0.00	31.87 1.64 0.00	35.33 2.10 0.00	39.62 2.38 0.00	39.11 2.66 0.00	35.59 2.68 0.00	50.89 3.93 0.00	37.83 2.96 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.07 0.00	34.43 1.78 0.00	34.20 1.42 0.00
FORT ORANGE____ 23900	24.57 0.72 0.00	24.64 0.75 0.00	24.93 0.69 0.00	26.11 0.60 0.00	25.17 0.57 0.00	30.34 0.59 0.00	38.54 1.06 0.00	42.54 1.54 0.00	40.47 1.32 0.00	38.14 1.07 0.00	38.42 1.07 0.00	32.05 0.73 0.00	30.95 0.72 0.00	34.21 0.99 0.00	38.36 1.12 0.00	37.77 1.32 0.00	34.13 1.22 0.00	48.84 1.88 0.00	36.19 1.32 0.00	29.85 1.06 0.00	33.25 1.19 0.00	31.50 0.84 0.00	33.29 0.64 0.00	33.23 0.45 0.00
FORT_DRUM_COGEN 23780	22.61 -1.24 0.00	22.59 -1.31 0.00	22.96 -1.28 0.00	24.53 -0.99 0.00	23.83 -0.78 0.00	28.92 -0.83 0.00	36.41 -1.07 0.00	40.19 -0.81 0.00	38.59 -0.55 0.00	36.92 -0.16 0.00	37.35 -0.01 0.00	31.56 0.25 0.00	30.45 0.22 0.00	33.43 0.20 0.00	37.19 -0.05 0.00	36.75 0.30 0.00	33.44 0.54 0.00	47.83 0.87 0.00	35.52 0.65 0.00	29.39 0.60 0.00	32.62 0.56 0.00	31.11 0.45 0.00	33.01 0.37 0.00	32.96 0.18 0.00
FOX_HILLS___ESR 323835	24.82 0.97 0.00	24.79 0.89 0.00	25.12 0.87 0.00	26.36 0.84 0.00	25.44 0.83 0.00	31.03 1.28 0.00	39.85 2.37 0.00	43.78 2.79 0.00	41.73 2.58 0.00	39.34 2.26 0.00	39.73 2.37 0.00	33.17 1.85 0.00	45.03 1.53 -13.28	35.26 2.03 0.00	39.55 2.31 0.00	39.08 2.63 0.00	35.54 2.63 0.00	50.79 3.83 0.00	37.79 2.92 0.00	31.06 2.26 0.00	34.49 2.43 0.00	32.70 2.04 0.00	34.38 1.74 0.00	34.11 1.33 0.00
FPL_FAR_ROCK_GT1 24212	40.74 1.42 -15.47	25.16 1.26 0.00	25.66 1.42 0.00	26.87 1.35 0.00	26.01 1.41 0.00	31.74 1.99 0.00	40.80 3.33 0.00	44.86 3.87 0.00	42.69 3.54 0.00	40.17 3.10 0.00	40.73 3.37 0.00	33.99 2.68 0.00	45.73 2.29 -13.22	36.18 2.95 0.00	40.68 3.45 0.00	40.71 3.75 -0.51	54.30 3.55 -17.84	62.49 4.92 -10.62	62.91 3.94 -24.09	54.66 3.10 -22.76	44.89 3.35 -9.48	33.64 2.94 -0.03	35.37 2.72 0.00	34.96 2.18 0.00
FPL_FAR_ROCK_GT2 23815	40.74 1.42 -15.47	25.16 1.26 0.00	25.66 1.42 0.00	26.87 1.35 0.00	26.01 1.41 0.00	31.74 1.99 0.00	40.80 3.33 0.00	44.86 3.87 0.00	42.69 3.54 0.00	40.17 3.10 0.00	40.73 3.37 0.00	33.99 2.68 0.00	45.73 2.29 -13.22	36.18 2.95 0.00	40.68 3.45 0.00	40.71 3.75 -0.51	54.30 3.55 -17.84	62.49 4.92 -10.62	62.91 3.94 -24.09	54.66 3.10 -22.76	44.89 3.35 -9.48	33.64 2.94 -0.03	35.37 2.72 0.00	34.96 2.18 0.00
FRANKLIN_FALL_HYD 24054	24.57 0.72 0.00	24.70 0.80 0.00	25.19 0.94 0.00	26.69 1.17 0.00	25.58 0.99 0.00	30.43 0.68 0.00	37.66 0.18 0.00	41.56 0.56 0.00	39.74 0.59 0.00	37.82 0.74 0.00	38.54 1.18 0.00	32.57 1.25 0.00	31.48 1.25 0.00	34.62 1.39 0.00	38.82 1.58 0.00	37.83 1.38 0.00	33.83 0.92 0.00	48.20 1.24 0.00	35.77 0.89 0.00	29.70 0.91 0.00	33.14 1.08 0.00	32.01 1.34 0.00	34.28 1.63 0.00	34.70 1.92 0.00
FREEPORT_EQUS_GT1 23764	30.04 1.38 -4.81	25.11 1.21 0.00	25.50 1.25 0.00	26.67 1.15 0.00	25.80 1.20 0.00	31.48 1.73 0.00	40.44 2.96 0.00	44.52 3.52 0.00	42.34 3.20 0.00	39.83 2.76 0.00	40.35 2.99 0.00	33.70 2.39 0.00	45.44 1.99 -13.22	35.86 2.63 0.00	40.31 3.08 0.00	40.26 3.39 -0.42	51.28 3.23 -15.15	60.73 4.74 -9.03	58.89 3.56 -20.46	50.55 2.78 -18.98	43.02 2.99 -7.97	33.40 2.71 -0.03	35.12 2.47 0.00	34.70 1.92 0.00

FREEPORT___CT2 23818	30.04 1.38 -4.81	25.11 1.21 0.00	25.50 1.25 0.00	26.67 1.15 0.00	25.80 1.20 0.00	31.48 1.73 0.00	40.44 2.96 0.00	44.52 3.52 0.00	42.34 3.20 0.00	39.83 2.76 0.00	40.35 2.99 0.00	33.70 2.39 0.00	45.44 1.99 -13.22	35.86 2.63 0.00	40.31 3.08 0.00	40.26 3.39 -0.42	51.28 3.23 -15.15	60.73 4.74 -9.03	58.89 3.56 -20.46	50.55 2.78 -18.98	43.02 2.99 -7.97	33.40 2.71 -0.03	35.12 2.47 0.00	34.70 1.92 0.00
FRESHKLS_33_KV_LOAD 356253	24.83 0.98 0.00	24.81 0.91 0.00	25.13 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.40 0.00	43.79 2.80 0.00	41.72 2.58 0.00	39.32 2.25 0.00	39.70 2.34 0.00	33.13 1.82 0.00	44.98 1.48 -13.28	35.23 2.00 0.00	39.52 2.29 0.00	39.05 2.60 0.00	35.51 2.61 0.00	50.79 3.83 0.00	37.78 2.91 0.00	31.06 2.26 0.00	34.49 2.43 0.00	32.70 2.04 0.00	34.40 1.75 0.00	34.14 1.36 0.00
FULTON COGEN____ 23766	23.23 -0.62 0.00	23.26 -0.64 0.00	23.59 -0.66 0.00	24.82 -0.70 0.00	23.96 -0.64 0.00	29.04 -0.71 0.00	36.70 -0.78 0.00	40.03 -0.97 0.00	38.22 -0.93 0.00	36.29 -0.78 0.00	36.59 -0.77 0.00	30.67 -0.65 0.00	29.61 -0.61 0.00	32.61 -0.62 0.00	36.50 -0.74 0.00	35.81 -0.64 0.00	32.44 -0.47 0.00	46.29 -0.67 0.00	34.43 -0.44 0.00	28.40 -0.40 0.00	31.54 -0.52 0.00	30.04 -0.62 0.00	31.83 -0.82 0.00	32.00 -0.78 0.00
FULTON___LFGE 323630	25.91 2.06 0.00	25.85 1.95 0.00	26.17 1.93 0.00	27.68 2.16 0.00	26.78 2.19 0.00	32.45 2.70 0.00	41.48 4.00 0.00	45.50 4.51 0.00	43.46 4.31 0.00	40.90 3.82 0.00	40.89 3.54 0.00	34.11 2.79 0.00	32.99 2.76 0.00	36.51 3.28 0.00	41.04 3.81 0.00	40.48 4.03 0.00	36.99 4.08 0.00	52.89 5.93 0.00	39.25 4.38 0.00	32.39 3.60 0.00	35.86 3.80 0.00	34.07 3.40 0.00	36.02 3.38 0.00	36.06 3.28 0.00
G.F.CEMENT___DRP 24184	25.50 1.65 0.00	25.57 1.67 0.00	25.88 1.64 0.00	27.04 1.52 0.00	25.83 1.23 0.00	31.08 1.33 0.00	39.44 1.96 0.00	43.74 2.75 0.00	41.51 2.36 0.00	39.19 2.11 0.00	39.43 2.08 0.00	32.64 1.32 0.00	31.47 1.24 0.00	34.71 1.48 0.00	38.83 1.60 0.00	38.32 1.87 0.00	34.81 1.90 0.00	49.80 2.84 0.00	36.81 1.93 0.00	30.35 1.56 0.00	33.83 1.78 0.00	31.98 1.32 0.00	33.83 1.19 0.00	33.75 0.97 0.00
GARDENVILLE___LBMP 24039	22.50 -1.34 0.00	22.52 -1.37 0.00	22.89 -1.35 0.00	24.16 -1.36 0.00	23.50 -1.10 0.00	28.95 -0.80 0.00	36.42 -1.06 0.00	39.53 -1.46 0.00	38.05 -1.09 0.00	36.57 -0.51 0.00	37.12 -0.23 0.00	31.14 -0.17 0.00	35.94 -0.06 -5.78	33.21 -0.02 0.00	37.06 -0.17 0.00	35.97 -0.48 0.00	32.47 -0.44 0.00	46.18 -0.78 0.00	34.43 -0.44 0.00	28.50 -0.29 0.00	31.73 -0.32 0.00	30.13 -0.53 0.00	31.79 -0.85 0.00	32.48 -0.30 0.00
GARDNVLA_35_KV_LD 355827	22.60 -1.25 0.00	22.62 -1.28 0.00	22.98 -1.27 0.00	24.26 -1.26 0.00	23.60 -1.01 0.00	29.08 -0.67 0.00	36.59 -0.89 0.00	39.76 -1.24 0.00	38.28 -0.87 0.00	36.76 -0.32 0.00	37.31 -0.05 0.00	31.31 -0.01 0.00	30.31 0.09 0.00	33.38 0.15 0.00	37.25 0.01 0.00	36.16 -0.29 0.00	32.65 -0.26 0.00	46.47 -0.49 0.00	34.65 -0.23 0.00	28.67 -0.12 0.00	31.93 -0.12 0.00	30.31 -0.36 0.00	31.97 -0.68 0.00	32.66 -0.12 0.00
GELCKHM___115KV_LOAD 80723	23.33 -0.52 0.00	23.37 -0.53 0.00	23.69 -0.55 0.00	24.94 -0.58 0.00	24.07 -0.53 0.00	29.19 -0.56 0.00	36.88 -0.60 0.00	40.22 -0.78 0.00	38.41 -0.73 0.00	36.49 -0.58 0.00	36.79 -0.57 0.00	30.83 -0.48 0.00	29.76 -0.47 0.00	32.77 -0.46 0.00	36.70 -0.53 0.00	35.99 -0.46 0.00	32.60 -0.31 0.00	46.51 -0.45 0.00	34.57 -0.30 0.00	28.51 -0.28 0.00	31.68 -0.37 0.00	30.17 -0.50 0.00	31.97 -0.67 0.00	32.17 -0.61 0.00
GENERAL___MILLS 23808	22.59 -1.26 0.00	22.61 -1.29 0.00	22.97 -1.27 0.00	24.24 -1.28 0.00	23.58 -1.02 0.00	29.06 -0.70 0.00	36.55 -0.92 0.00	39.70 -1.29 0.00	38.22 -0.93 0.00	36.72 -0.36 0.00	37.27 -0.08 0.00	31.27 -0.05 0.00	30.28 0.05 0.00	33.35 0.12 0.00	37.21 -0.02 0.00	36.12 -0.33 0.00	32.61 -0.30 0.00	46.38 -0.58 0.00	34.59 -0.28 0.00	28.63 -0.17 0.00	31.87 -0.18 0.00	30.26 -0.40 0.00	31.92 -0.73 0.00	32.62 -0.16 0.00
GE_PLASTICS___DRP 24183	24.48 0.64 0.00	24.55 0.65 0.00	24.87 0.62 0.00	26.06 0.54 0.00	25.11 0.51 0.00	30.30 0.55 0.00	38.44 0.96 0.00	42.26 1.26 0.00	40.21 1.07 0.00	37.96 0.89 0.00	38.26 0.91 0.00	31.95 0.63 0.00	30.81 0.59 0.00	34.06 0.83 0.00	38.16 0.92 0.00	37.62 1.18 0.00	34.01 1.10 0.00	48.62 1.66 0.00	36.06 1.19 0.00	29.73 0.95 0.00	33.12 1.07 0.00	31.42 0.76 0.00	33.23 0.59 0.00	33.18 0.40 0.00
GILBOA___1 23756	24.39 0.54 0.00	24.52 0.62 0.00	24.84 0.59 0.00	26.07 0.55 0.00	25.12 0.52 0.00	30.33 0.58 0.00	38.54 1.06 0.00	42.35 1.35 0.00	40.35 1.20 0.00	38.12 1.05 0.00	38.44 1.08 0.00	32.10 0.79 0.00	30.93 0.70 0.00	34.18 0.95 0.00	38.31 1.07 0.00	37.71 1.26 0.00	34.10 1.19 0.00	48.62 1.66 0.00	36.18 1.31 0.00	29.86 1.07 0.00	33.22 1.16 0.00	31.55 0.88 0.00	33.33 0.69 0.00	33.30 0.52 0.00
GILBOA___2 23757	24.39 0.54 0.00	24.52 0.62 0.00	24.84 0.59 0.00	26.07 0.55 0.00	25.12 0.52 0.00	30.33 0.58 0.00	38.54 1.06 0.00	42.35 1.35 0.00	40.35 1.20 0.00	38.12 1.05 0.00	38.44 1.08 0.00	32.10 0.79 0.00	30.93 0.70 0.00	34.18 0.95 0.00	38.31 1.07 0.00	37.71 1.26 0.00	34.10 1.19 0.00	48.62 1.66 0.00	36.18 1.31 0.00	29.86 1.07 0.00	33.22 1.16 0.00	31.55 0.88 0.00	33.33 0.69 0.00	33.30 0.52 0.00
GILBOA___3 23758	24.39 0.54 0.00	24.52 0.62 0.00	24.84 0.59 0.00	26.07 0.55 0.00	25.12 0.52 0.00	30.33 0.58 0.00	38.54 1.06 0.00	42.35 1.35 0.00	40.35 1.20 0.00	38.12 1.05 0.00	38.44 1.08 0.00	32.10 0.79 0.00	30.93 0.70 0.00	34.18 0.95 0.00	38.31 1.07 0.00	37.71 1.26 0.00	34.10 1.19 0.00	48.62 1.66 0.00	36.18 1.31 0.00	29.86 1.07 0.00	33.22 1.16 0.00	31.55 0.88 0.00	33.33 0.69 0.00	33.30 0.52 0.00
GILBOA___4 23759	24.39 0.54 0.00	24.52 0.62 0.00	24.84 0.59 0.00	26.07 0.55 0.00	25.12 0.52 0.00	30.33 0.58 0.00	38.54 1.06 0.00	42.35 1.35 0.00	40.35 1.20 0.00	38.12 1.05 0.00	38.44 1.08 0.00	32.10 0.79 0.00	30.93 0.70 0.00	34.18 0.95 0.00	38.31 1.07 0.00	37.71 1.26 0.00	34.10 1.19 0.00	48.62 1.66 0.00	36.18 1.31 0.00	29.86 1.07 0.00	33.22 1.16 0.00	31.55 0.88 0.00	33.33 0.69 0.00	33.30 0.52 0.00
GILBOA____ 23599	24.39 0.54 0.00	24.52 0.62 0.00	24.84 0.59 0.00	26.07 0.55 0.00	25.12 0.52 0.00	30.33 0.58 0.00	38.54 1.06 0.00	42.35 1.35 0.00	40.35 1.20 0.00	38.12 1.05 0.00	38.44 1.08 0.00	32.10 0.79 0.00	30.93 0.70 0.00	34.18 0.96 0.00	38.31 1.07 0.00	37.71 1.27 0.00	34.10 1.19 0.00	48.62 1.66 0.00	36.19 1.31 0.00	29.86 1.07 0.00	33.22 1.16 0.00	31.55 0.88 0.00	33.34 0.69 0.00	33.30 0.53 0.00

GINNA____ 23603	21.98 -1.87 0.00	22.00 -1.90 0.00	22.33 -1.91 0.00	23.52 -2.00 0.00	22.56 -1.79 0.26	27.91 -1.84 0.00	35.20 -2.27 0.00	38.36 -2.64 0.00	36.77 -2.37 0.00	35.07 -2.01 0.00	35.43 -1.92 0.00	29.73 -1.58 0.00	26.13 -1.51 2.59	31.08 -1.61 0.54	35.31 -1.84 0.09	34.58 -1.87 0.00	30.85 -1.64 0.43	44.55 -2.41 0.00	33.11 -1.76 0.00	26.97 -1.47 0.35	28.73 -1.70 1.63	28.62 -1.82 0.22	30.49 -2.16 0.00	29.50 -1.96 1.31
GLEN PARK____ 23778	22.66 -1.19 0.00	22.64 -1.26 0.00	23.00 -1.24 0.00	24.56 -0.96 0.00	23.85 -0.75 0.00	28.98 -0.77 0.00	36.54 -0.94 0.00	40.34 -0.66 0.00	38.72 -0.42 0.00	37.04 -0.04 0.00	37.45 0.10 0.00	31.64 0.33 0.00	30.52 0.29 0.00	33.48 0.25 0.00	37.29 0.05 0.00	36.86 0.41 0.00	33.56 0.65 0.00	48.02 1.06 0.00	35.66 0.79 0.00	29.50 0.71 0.00	32.73 0.67 0.00	31.19 0.52 0.00	33.06 0.42 0.00	32.99 0.21 0.00
GLENDALE_27_KV_LOAD 356172	24.86 1.01 0.00	24.85 0.95 0.00	25.18 0.93 0.00	26.41 0.90 0.00	25.50 0.89 0.00	31.11 1.36 0.00	39.95 2.47 0.00	43.96 2.96 0.00	41.94 2.79 0.00	39.56 2.49 0.00	39.94 2.59 0.00	33.36 2.04 0.00	45.23 1.73 -13.28	35.45 2.22 0.00	39.76 2.53 0.00	39.27 2.83 0.00	35.71 2.81 0.00	50.99 4.03 0.00	37.95 3.08 0.00	31.16 2.37 0.00	34.60 2.54 0.00	32.80 2.14 0.00	34.48 1.83 0.00	34.18 1.40 0.00
GLENWOOD_IC_1_G5 23712	27.63 1.23 -2.55	25.00 1.10 0.00	25.36 1.12 0.00	26.57 1.05 0.00	25.67 1.07 0.00	31.32 1.57 0.00	40.20 2.72 0.00	44.22 3.23 0.00	42.00 2.85 0.00	39.69 2.61 0.00	40.14 2.78 0.00	33.52 2.20 0.00	45.32 1.87 -13.22	35.66 2.44 0.00	40.04 2.81 0.00	40.10 3.11 -0.55	55.17 2.98 -19.28	62.72 4.27 -11.49	64.12 3.21 -26.04	55.74 2.55 -24.39	45.05 2.79 -10.20	33.11 2.40 -0.04	34.80 2.15 -0.01	34.45 1.67 0.00
GLENWOOD_IC_2_G1 23688	24.95 1.10 0.00	24.89 1.00 0.00	25.25 1.01 0.00	26.46 0.95 0.00	25.56 0.96 0.00	31.17 1.42 0.00	39.98 2.50 0.00	43.98 2.98 0.00	41.88 2.73 0.00	39.48 2.40 0.00	39.90 2.54 0.00	33.31 2.00 0.00	45.13 1.69 -13.22	35.43 2.20 0.00	39.77 2.54 0.00	39.30 2.83 -0.02	36.51 2.79 -0.82	51.50 4.05 -0.49	39.03 3.05 -1.11	32.21 2.37 -1.04	35.06 2.56 -0.43	32.84 2.18 0.00	34.56 1.91 0.00	34.24 1.47 0.00
GLENWOOD_IC_3_G1 23689	24.95 1.10 0.00	24.89 1.00 0.00	25.25 1.01 0.00	26.46 0.95 0.00	25.56 0.96 0.00	31.17 1.42 0.00	39.98 2.50 0.00	43.98 2.98 0.00	41.88 2.73 0.00	39.48 2.40 0.00	39.90 2.54 0.00	33.31 2.00 0.00	45.13 1.69 -13.22	35.43 2.20 0.00	39.77 2.54 0.00	39.30 2.83 -0.02	36.51 2.79 -0.82	51.50 4.05 -0.49	39.03 3.05 -1.11	32.21 2.37 -1.04	35.06 2.56 -0.43	32.84 2.18 0.00	34.56 1.91 0.00	34.24 1.47 0.00
GLENWOOD____4 23550	27.63 1.23 -2.55	25.00 1.10 0.00	25.36 1.12 0.00	26.57 1.05 0.00	25.67 1.07 0.00	31.32 1.57 0.00	40.20 2.72 0.00	44.23 3.23 0.00	42.04 2.90 0.00	39.69 2.61 0.00	40.14 2.78 0.00	33.52 2.20 0.00	45.32 1.87 -13.22	35.66 2.44 0.00	40.04 2.81 0.00	40.10 3.11 -0.55	55.20 3.01 -19.28	62.79 4.34 -11.49	64.16 3.25 -26.04	55.76 2.57 -24.39	45.05 2.79 -10.20	33.11 2.40 -0.04	34.80 2.15 -0.01	34.45 1.67 0.00
GLENWOOD____5 23614	27.63 1.23 -2.55	25.00 1.10 0.00	25.36 1.12 0.00	26.57 1.05 0.00	25.67 1.07 0.00	31.32 1.57 0.00	40.20 2.72 0.00	44.23 3.23 0.00	42.04 2.90 0.00	39.69 2.61 0.00	40.14 2.78 0.00	33.52 2.20 0.00	45.32 1.87 -13.22	35.66 2.44 0.00	40.04 2.81 0.00	40.10 3.11 -0.55	55.20 3.01 -19.28	62.79 4.34 -11.49	64.16 3.25 -26.04	55.76 2.57 -24.39	45.05 2.79 -10.20	33.11 2.40 -0.04	34.80 2.15 -0.01	34.45 1.67 0.00
GLOBAL GREEN_PORT_GT1 23814	25.15 2.42 1.12	26.06 2.16 0.00	26.46 2.21 0.00	27.64 2.13 0.00	26.82 2.22 0.00	32.83 3.09 0.00	42.40 4.92 0.00	46.71 5.71 0.00	44.31 5.17 0.00	41.47 4.40 0.00	41.92 4.56 0.00	34.98 3.67 0.00	46.54 3.10 -13.22	37.27 4.04 0.00	42.14 4.90 0.00	42.15 5.38 -0.32	49.90 5.29 -11.69	61.74 7.78 -7.00	56.50 5.83 -15.79	47.65 4.61 -14.25	43.07 4.94 -6.07	35.16 4.47 -0.02	36.84 4.20 0.00	36.28 3.51 0.00
GLOBE____DSASP 323697	21.88 -1.97 0.00	21.90 -2.00 0.00	22.26 -1.98 0.00	23.49 -2.03 0.00	22.90 -1.69 0.00	28.16 -1.59 0.00	35.19 -2.29 0.00	37.89 -3.10 0.00	36.38 -2.77 0.00	34.95 -2.12 0.00	35.41 -1.95 0.00	29.89 -1.43 0.00	28.96 -1.27 0.00	31.83 -1.40 0.00	35.53 -1.70 0.00	34.53 -1.92 0.00	31.08 -1.84 0.00	43.88 -3.08 0.00	32.70 -2.18 0.00	27.12 -1.67 0.00	30.24 -1.82 0.00	28.68 -1.99 0.00	30.33 -2.32 0.00	31.12 -1.65 0.00
GOETHSLN____LBMP 323567	24.64 0.79 0.00	24.61 0.71 0.00	24.94 0.69 0.00	26.17 0.65 0.00	25.25 0.65 0.00	30.82 1.07 0.00	39.56 2.08 0.00	43.45 2.46 0.00	41.45 2.30 0.00	39.08 2.00 0.00	39.46 2.10 0.00	32.94 1.62 0.00	33.59 1.34 -2.02	35.03 1.80 0.00	39.30 2.06 0.00	38.82 2.37 0.00	35.29 2.38 0.00	50.40 3.43 0.00	37.50 2.63 0.00	30.79 2.00 0.00	34.20 2.15 0.00	32.43 1.77 0.00	34.12 1.48 0.00	33.85 1.08 0.00
GOLAH____69_KV_TB 1_2 80279	23.01 -0.83 0.00	23.02 -0.88 0.00	23.37 -0.87 0.00	24.65 -0.87 0.00	23.94 -0.66 0.00	29.37 -0.38 0.00	37.01 -0.47 0.00	40.25 -0.74 0.00	38.71 -0.44 0.00	37.00 -0.07 0.00	37.40 0.04 0.00	31.40 0.08 0.00	30.33 0.10 0.00	33.38 0.15 0.00	37.33 0.09 0.00	36.43 -0.02 0.00	32.92 0.01 0.00	46.88 -0.08 0.00	34.91 0.04 0.00	28.84 0.05 0.00	32.03 -0.03 0.00	30.42 -0.25 0.00	32.11 -0.53 0.00	32.57 -0.21 0.00
GOODYEAR_LAKE_HYD 323669	24.33 0.48 0.00	24.34 0.44 0.00	24.67 0.43 0.00	26.01 0.49 0.00	25.15 0.55 0.00	30.51 0.76 0.00	38.85 1.37 0.00	42.58 1.58 0.00	40.70 1.56 0.00	38.62 1.55 0.00	38.98 1.62 0.00	32.62 1.30 0.00	31.45 1.22 0.00	34.71 1.48 0.00	38.91 1.68 0.00	38.18 1.73 0.00	34.59 1.68 0.00	49.39 2.43 0.00	36.72 1.85 0.00	30.29 1.49 0.00	33.54 1.49 0.00	31.92 1.25 0.00	33.75 1.11 0.00	33.84 1.07 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.61 -0.24 0.00	23.67 -0.23 0.00	23.98 -0.26 0.00	25.26 -0.26 0.00	24.35 -0.25 0.00	29.59 -0.16 0.00	37.58 0.10 0.00	41.17 0.17 0.00	39.32 0.17 0.00	37.36 0.29 0.00	37.68 0.33 0.00	31.58 0.26 0.00	30.48 0.26 0.00	33.61 0.38 0.00	37.67 0.44 0.00	36.87 0.43 0.00	33.45 0.54 0.00	47.72 0.76 0.00	35.48 0.60 0.00	29.24 0.45 0.00	32.46 0.40 0.00	30.90 0.24 0.00	32.62 -0.02 0.00	32.78 0.00 0.00
GOUDEY____7 23579	23.63 -0.22 0.00	23.69 -0.21 0.00	24.00 -0.24 0.00	25.28 -0.24 0.00	24.37 -0.23 0.00	29.62 -0.13 0.00	37.61 0.13 0.00	41.21 0.22 0.00	39.36 0.21 0.00	37.40 0.33 0.00	37.72 0.36 0.00	31.60 0.29 0.00	30.51 0.29 0.00	33.64 0.41 0.00	37.71 0.48 0.00	36.91 0.46 0.00	33.48 0.57 0.00	47.78 0.81 0.00	35.52 0.65 0.00	29.28 0.49 0.00	32.49 0.43 0.00	30.93 0.27 0.00	32.65 0.00 0.00	32.81 0.03 0.00

GOWANUS_GT2_7 24120	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.85 <u>2.85</u> 0.00	41.80 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.82 <u>2.46</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.60</u> -13.28	35.33 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.71</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.74 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.15 <u>1.37</u> 0.00
GOWANUS_GT2_8 24121	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.85 <u>2.85</u> 0.00	41.80 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.82 <u>2.46</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.60</u> -13.28	35.33 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.71</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.74 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.15 <u>1.37</u> 0.00
GOWANUS_GT3_1 24122	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.85 <u>2.85</u> 0.00	41.80 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.82 <u>2.46</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.60</u> -13.28	35.33 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.71</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.74 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.15 <u>1.37</u> 0.00
GOWANUS_GT3_2 24123	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.85 <u>2.85</u> 0.00	41.80 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.82 <u>2.46</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.60</u> -13.28	35.33 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.71</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.74 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.15 <u>1.37</u> 0.00
GOWANUS_GT3_3 24124	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.85 <u>2.85</u> 0.00	41.80 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.82 <u>2.46</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.60</u> -13.28	35.33 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.71</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.74 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.15 <u>1.37</u> 0.00
GOWANUS_GT3_4 24125	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.85 <u>2.85</u> 0.00	41.80 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.82 <u>2.46</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.60</u> -13.28	35.33 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.71</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.74 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.15 <u>1.37</u> 0.00
GOWANUS_GT3_5 24126	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.85 <u>2.85</u> 0.00	41.80 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.82 <u>2.46</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.60</u> -13.28	35.33 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.71</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.74 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.15 <u>1.37</u> 0.00
GOWANUS_GT3_6 24127	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.85 <u>2.85</u> 0.00	41.80 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.82 <u>2.46</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.60</u> -13.28	35.33 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.71</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.74 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.15 <u>1.37</u> 0.00
GOWANUS_GT3_7 24128	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.85 <u>2.85</u> 0.00	41.80 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.82 <u>2.46</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.60</u> -13.28	35.33 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.71</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.74 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.15 <u>1.37</u> 0.00
GOWANUS_GT3_8 24129	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.85 <u>2.85</u> 0.00	41.80 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.82 <u>2.46</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.60</u> -13.28	35.33 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.71</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.74 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.15 <u>1.37</u> 0.00
GOWANUS_GT4_1 24130	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.84 <u>2.85</u> 0.00	41.79 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.81 <u>2.45</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.61</u> -13.28	35.34 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.70</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.75 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.14 <u>1.37</u> 0.00
GOWANUS_GT4_2 24131	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.84 <u>2.85</u> 0.00	41.79 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.81 <u>2.45</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.61</u> -13.28	35.34 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.70</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.75 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.14 <u>1.37</u> 0.00
GOWANUS_GT4_3 24132	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.84 <u>2.85</u> 0.00	41.79 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.81 <u>2.45</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.61</u> -13.28	35.34 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.70</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.75 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.14 <u>1.37</u> 0.00
GOWANUS_GT4_4 24133	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.84 <u>2.85</u> 0.00	41.79 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.81 <u>2.45</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.61</u> -13.28	35.34 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.70</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.75 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.14 <u>1.37</u> 0.00
GOWANUS_GT4_5 24134	24.84 <u>0.99</u> 0.00	24.81 <u>0.91</u> 0.00	25.14 <u>0.89</u> 0.00	26.37 <u>0.85</u> 0.00	25.45 <u>0.85</u> 0.00	31.06 <u>1.31</u> 0.00	39.88 <u>2.41</u> 0.00	43.84 <u>2.85</u> 0.00	41.79 <u>2.65</u> 0.00	39.42 <u>2.34</u> 0.00	39.81 <u>2.45</u> 0.00	33.25 <u>1.93</u> 0.00	45.11 <u>1.61</u> -13.28	35.34 <u>2.11</u> 0.00	39.64 <u>2.40</u> 0.00	39.16 <u>2.71</u> 0.00	35.61 <u>2.70</u> 0.00	50.87 <u>3.91</u> 0.00	37.85 <u>2.98</u> 0.00	31.10 <u>2.31</u> 0.00	34.54 <u>2.48</u> 0.00	32.75 <u>2.08</u> 0.00	34.42 <u>1.78</u> 0.00	34.14 <u>1.37</u> 0.00

GOWANUS_GT4_6 24135	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.84 2.85 0.00	41.79 2.65 0.00	39.42 2.34 0.00	39.81 2.45 0.00	33.25 1.93 0.00	45.11 1.61 -13.28	35.34 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.70 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.75 2.08 0.00	34.42 1.78 0.00	34.14 1.37 0.00
GOWANUS_GT4_7 24136	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.84 2.85 0.00	41.79 2.65 0.00	39.42 2.34 0.00	39.81 2.45 0.00	33.25 1.93 0.00	45.11 1.61 -13.28	35.34 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.70 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.75 2.08 0.00	34.42 1.78 0.00	34.14 1.37 0.00
GOWANUS_GT4_8 24137	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.84 2.85 0.00	41.79 2.65 0.00	39.42 2.34 0.00	39.81 2.45 0.00	33.25 1.93 0.00	45.11 1.61 -13.28	35.34 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.70 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.75 2.08 0.00	34.42 1.78 0.00	34.14 1.37 0.00
GREENBSH_115KV_TB3 55895	24.43 0.58 0.00	24.51 0.61 0.00	24.80 0.55 0.00	25.97 0.45 0.00	25.02 0.42 0.00	30.16 0.41 0.00	38.27 0.79 0.00	42.15 1.15 0.00	40.08 0.94 0.00	37.81 0.74 0.00	38.12 0.76 0.00	31.80 0.49 0.00	30.70 0.47 0.00	33.94 0.71 0.00	38.02 0.79 0.00	37.49 1.04 0.00	33.87 0.96 0.00	48.44 1.48 0.00	35.90 1.03 0.00	29.62 0.82 0.00	32.99 0.93 0.00	31.28 0.61 0.00	33.07 0.42 0.00	33.01 0.23 0.00
GREENDGE_115KV_TB5 80291	23.17 -0.68 0.00	23.20 -0.70 0.00	23.52 -0.72 0.00	24.80 -0.72 0.00	24.10 -0.49 0.00	29.47 -0.28 0.00	37.20 -0.28 0.00	40.63 -0.36 0.00	38.88 -0.26 0.00	37.25 0.17 0.00	37.56 0.20 0.00	31.44 0.12 0.00	30.30 0.08 0.00	33.44 0.21 0.00	37.40 0.17 0.00	36.52 0.07 0.00	33.16 0.25 0.00	47.40 0.43 0.00	35.29 0.42 0.00	29.10 0.31 0.00	32.25 0.19 0.00	30.88 0.22 0.00	32.55 -0.10 0.00	32.86 0.08 0.00
GREENIDGE___3 23582	23.17 -0.68 0.00	23.20 -0.70 0.00	23.52 -0.72 0.00	24.80 -0.72 0.00	24.10 -0.49 0.00	29.47 -0.28 0.00	37.20 -0.28 0.00	40.63 -0.36 0.00	38.88 -0.26 0.00	37.25 0.17 0.00	37.56 0.20 0.00	31.44 0.12 0.00	30.30 0.08 0.00	33.44 0.21 0.00	37.40 0.17 0.00	36.52 0.07 0.00	33.16 0.25 0.00	47.40 0.43 0.00	35.29 0.42 0.00	29.10 0.31 0.00	32.25 0.19 0.00	30.88 0.22 0.00	32.55 -0.10 0.00	32.86 0.08 0.00
GREENIDGE___4 23583	23.17 -0.68 0.00	23.20 -0.70 0.00	23.52 -0.72 0.00	24.80 -0.72 0.00	24.24 -0.49 -0.13	29.47 -0.27 0.00	37.21 -0.27 0.00	40.63 -0.37 0.00	38.88 -0.26 0.00	37.25 0.18 0.00	37.56 0.20 0.00	31.44 0.12 0.00	31.66 0.08 -1.35	33.73 0.22 -0.28	37.45 0.17 -0.04	36.52 0.07 0.00	33.38 0.25 -0.22	47.39 0.43 0.00	35.29 0.41 0.00	29.28 0.31 -0.18	33.10 0.19 -0.85	31.00 0.22 -0.12	32.55 -0.10 0.00	33.52 0.08 -0.67
GREENLWN_69_KV_BK 3 55738	24.36 1.40 0.90	25.12 1.22 0.00	25.53 1.29 0.00	26.64 1.13 0.00	25.82 1.22 0.00	31.50 1.75 0.00	40.50 3.02 0.00	44.51 3.52 0.00	42.32 3.18 0.00	39.84 2.76 0.00	40.37 3.01 0.00	33.74 2.42 0.00	45.49 2.04 -13.22	35.92 2.69 0.00	40.41 3.18 0.00	40.24 3.47 -0.32	48.25 3.39 -11.95	59.08 4.97 -7.15	54.71 3.70 -16.14	46.30 2.91 -14.60	41.35 3.08 -6.21	33.40 2.71 -0.02	35.16 2.51 0.00	34.73 1.96 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.84 2.85 0.00	41.79 2.65 0.00	39.42 2.34 0.00	39.81 2.45 0.00	33.25 1.93 0.00	45.11 1.61 -13.28	35.34 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.70 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.75 2.08 0.00	34.42 1.78 0.00	34.14 1.37 0.00
GRISSOM___SOLAR 323813	25.91 2.06 0.00	25.85 1.95 0.00	26.17 1.93 0.00	27.68 2.16 0.00	26.78 2.19 0.00	32.45 2.70 0.00	41.48 4.00 0.00	45.50 4.51 0.00	43.46 4.31 0.00	40.90 3.82 0.00	40.89 3.54 0.00	34.11 2.79 0.00	32.99 2.76 0.00	36.51 3.28 0.00	41.04 3.81 0.00	40.48 4.03 0.00	36.99 4.08 0.00	52.89 5.93 0.00	39.25 4.38 0.00	32.39 3.60 0.00	35.86 3.80 0.00	34.07 3.40 0.00	36.02 3.38 0.00	36.06 3.28 0.00
GROVEVILLE___HYD 323602	24.98 1.13 0.00	24.97 1.07 0.00	25.28 1.04 0.00	26.54 1.03 0.00	25.60 1.00 0.00	31.17 1.42 0.00	39.87 2.40 0.00	43.90 2.91 0.00	41.82 2.68 0.00	39.40 2.33 0.00	39.75 2.39 0.00	33.18 1.86 0.00	31.87 1.64 0.00	35.33 2.10 0.00	39.62 2.38 0.00	39.11 2.66 0.00	35.59 2.68 0.00	50.89 3.93 0.00	37.83 2.96 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.07 0.00	34.43 1.78 0.00	34.20 1.42 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.50 -0.35 0.00	23.54 -0.36 0.00	23.85 -0.39 0.00	25.11 -0.41 0.00	24.24 -0.37 0.00	29.40 -0.35 0.00	37.16 -0.32 0.00	40.55 -0.45 0.00	38.73 -0.42 0.00	36.79 -0.28 0.00	37.09 -0.26 0.00	31.08 -0.23 0.00	29.98 -0.24 0.00	33.03 -0.19 0.00	37.02 -0.22 0.00	36.29 -0.15 0.00	32.89 -0.02 0.00	46.95 -0.02 0.00	34.88 0.01 0.00	28.77 -0.03 0.00	31.95 -0.11 0.00	30.42 -0.25 0.00	32.22 -0.42 0.00	32.42 -0.36 0.00
HAMLTNNY_34_KV_TB 80303	23.51 -0.34 0.00	23.56 -0.35 0.00	23.86 -0.38 0.00	25.13 -0.39 0.00	24.26 -0.34 0.00	29.47 -0.28 0.00	37.27 -0.21 0.00	40.67 -0.33 0.00	38.86 -0.28 0.00	36.95 -0.13 0.00	37.24 -0.12 0.00	31.20 -0.11 0.00	30.08 -0.15 0.00	33.14 -0.09 0.00	37.17 -0.06 0.00	36.43 -0.02 0.00	33.02 0.11 0.00	47.17 0.21 0.00	35.02 0.14 0.00	28.88 0.09 0.00	32.08 0.02 0.00	30.50 -0.17 0.00	32.30 -0.35 0.00	32.53 -0.25 0.00
HAMPSHIRE___PAPER_HYD 323593	23.30 -0.55 0.00	23.33 -0.57 0.00	23.73 -0.51 0.00	25.26 -0.25 0.00	24.44 -0.16 0.00	29.46 -0.29 0.00	36.64 -0.84 0.00	40.33 -0.66 0.00	38.61 -0.54 0.00	36.80 -0.27 0.00	37.33 -0.03 0.00	31.48 0.17 0.00	30.39 0.16 0.00	33.32 0.09 0.00	37.16 -0.08 0.00	36.27 -0.18 0.00	32.70 -0.21 0.00	46.67 -0.29 0.00	34.63 -0.24 0.00	28.68 -0.11 0.00	32.01 -0.05 0.00	30.88 0.21 0.00	33.03 0.39 0.00	33.23 0.45 0.00
HARDSCRABBLE_WT_PWR 323673	23.77 -0.07 0.00	23.67 -0.23 0.00	23.91 -0.33 0.00	25.05 -0.47 0.00	24.12 -0.48 0.00	29.14 -0.61 0.00	37.15 -0.32 0.00	41.13 0.13 0.00	39.20 0.05 0.00	36.99 -0.09 0.00	36.97 -0.39 0.00	30.87 -0.45 0.00	29.89 -0.33 0.00	33.14 -0.09 0.00	37.04 -0.19 0.00	36.58 0.13 0.00	33.47 0.56 0.00	47.67 0.71 0.00	35.28 0.41 0.00	29.16 0.37 0.00	32.41 0.35 0.00	30.64 -0.03 0.00	32.34 -0.31 0.00	32.16 -0.62 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.76 0.91 0.00	24.73 0.83 0.00	25.02 0.77 0.00	26.29 0.77 0.00	25.35 0.75 0.00	30.86 1.11 0.00	39.49 2.02 0.00	43.44 2.44 0.00	41.39 2.25 0.00	39.01 1.93 0.00	39.38 2.03 0.00	32.87 1.55 0.00	19.01 1.31 12.52	34.93 1.70 0.00	39.17 1.94 0.00	38.64 2.19 0.00	35.17 2.26 0.00	50.34 3.38 0.00	37.40 2.53 0.00	30.76 1.97 0.00	34.16 2.10 0.00	32.40 1.73 0.00	34.08 1.44 0.00	33.85 1.08 0.00
HARSNRAD_115KV_TB1 81005	22.28 -1.57 0.00	22.30 -1.60 0.00	22.67 -1.57 0.00	23.93 -1.59 0.00	23.30 -1.30 0.00	28.71 -1.04 0.00	35.96 -1.52 0.00	38.75 -2.24 0.00	37.39 -1.75 0.00	35.94 -1.14 0.00	36.36 -1.00 0.00	30.59 -0.72 0.00	29.58 -0.65 0.00	32.54 -0.69 0.00	36.32 -0.91 0.00	35.31 -1.14 0.00	31.82 -1.09 0.00	45.17 -1.79 0.00	33.71 -1.16 0.00	27.92 -0.87 0.00	31.06 -1.00 0.00	29.51 -1.15 0.00	31.16 -1.48 0.00	31.90 -0.88 0.00
HARZA MOOSE__RIVER 24016	23.38 -0.46 0.00	23.38 -0.52 0.00	23.77 -0.47 0.00	25.32 -0.20 0.00	24.53 -0.07 0.00	29.73 -0.02 0.00	37.48 0.00 0.00	41.32 0.32 0.00	39.55 0.40 0.00	37.71 0.64 0.00	38.07 0.72 0.00	32.04 0.73 0.00	30.89 0.66 0.00	33.98 0.75 0.00	37.84 0.61 0.00	37.26 0.81 0.00	33.83 0.92 0.00	48.26 1.30 0.00	35.85 0.98 0.00	29.63 0.84 0.00	32.95 0.89 0.00	31.43 0.76 0.00	33.36 0.72 0.00	33.38 0.60 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.34 -0.51 0.00	23.37 -0.53 0.00	23.69 -0.55 0.00	24.94 -0.58 0.00	24.07 -0.53 0.00	29.20 -0.55 0.00	36.88 -0.60 0.00	40.18 -0.81 0.00	38.39 -0.76 0.00	36.46 -0.61 0.00	36.77 -0.59 0.00	30.82 -0.49 0.00	29.75 -0.48 0.00	32.76 -0.47 0.00	36.68 -0.55 0.00	35.97 -0.48 0.00	32.59 -0.32 0.00	46.48 -0.48 0.00	34.56 -0.31 0.00	28.49 -0.30 0.00	31.65 -0.40 0.00	30.14 -0.53 0.00	31.94 -0.71 0.00	32.14 -0.64 0.00
HELLGATE_13_KV_LD 55870	24.77 0.92 0.00	24.76 0.86 0.00	25.10 0.85 0.00	26.32 0.81 0.00	25.41 0.80 0.00	30.99 1.24 0.00	39.78 2.30 0.00	43.76 2.76 0.00	41.74 2.59 0.00	39.37 2.29 0.00	39.75 2.39 0.00	33.20 1.88 0.00	45.08 1.57 -13.28	35.27 2.04 0.00	39.55 2.32 0.00	39.07 2.62 0.00	35.52 2.61 0.00	50.72 3.76 0.00	37.74 2.87 0.00	31.00 2.21 0.00	34.43 2.37 0.00	32.63 1.97 0.00	34.31 1.67 0.00	34.02 1.24 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.77 0.92 0.00	24.76 0.86 0.00	25.10 0.85 0.00	26.32 0.81 0.00	25.41 0.80 0.00	30.99 1.24 0.00	39.78 2.30 0.00	43.76 2.76 0.00	41.74 2.59 0.00	39.37 2.29 0.00	39.75 2.39 0.00	33.20 1.88 0.00	45.08 1.57 -13.28	35.27 2.04 0.00	39.55 2.32 0.00	39.07 2.62 0.00	35.52 2.61 0.00	50.72 3.76 0.00	37.74 2.87 0.00	31.00 2.21 0.00	34.43 2.37 0.00	32.63 1.97 0.00	34.31 1.67 0.00	34.02 1.24 0.00
HEMPSTEAD____ 23647	28.36 1.20 -3.30	24.95 1.06 0.00	25.33 1.08 0.00	26.50 0.98 0.00	25.63 1.03 0.00	31.26 1.51 0.00	40.17 2.69 0.00	44.18 3.19 0.00	42.03 2.89 0.00	39.60 2.52 0.00	40.08 2.72 0.00	33.48 2.16 0.00	45.24 1.80 -13.22	35.63 2.40 0.00	40.04 2.81 0.00	40.02 3.11 -0.47	52.70 3.03 -16.76	61.36 4.41 -9.99	60.80 3.30 -22.64	52.43 2.57 -21.07	43.67 2.77 -8.84	33.11 2.41 -0.03	34.82 2.17 0.00	34.42 1.64 0.00
HEWLETT__69_KV_BK3 55828	40.70 1.38 -15.47	25.12 1.22 0.00	25.58 1.33 0.00	26.76 1.25 0.00	25.90 1.30 0.00	31.61 1.86 0.00	40.61 3.14 0.00	44.65 3.65 0.00	42.50 3.36 0.00	40.00 2.92 0.00	40.54 3.18 0.00	33.84 2.52 0.00	45.58 2.14 -13.22	36.02 2.79 0.00	40.49 3.26 0.00	40.50 3.55 -0.51	54.15 3.41 -17.84	62.40 4.82 -10.62	62.71 3.75 -24.09	54.49 2.94 -22.76	44.71 3.17 -9.48	33.48 2.78 -0.03	35.19 2.54 0.00	34.80 2.02 0.00
HICKLING____1 23621	23.01 -0.84 0.00	23.08 -0.82 0.00	23.38 -0.86 0.00	24.67 -0.85 0.00	23.81 -0.79 0.00	29.14 -0.62 0.00	37.08 -0.41 0.00	40.73 -0.27 0.00	38.96 -0.18 0.00	37.24 0.16 0.00	37.59 0.23 0.00	31.63 0.32 0.00	30.60 0.37 0.00	33.73 0.50 0.00	37.77 0.54 0.00	36.71 0.27 0.00	33.38 0.47 0.00	47.62 0.66 0.00	35.49 0.61 0.00	29.22 0.43 0.00	32.39 0.34 0.00	30.89 0.22 0.00	32.47 -0.17 0.00	32.79 0.01 0.00
HICKLING____2 23622	23.01 -0.84 0.00	23.08 -0.82 0.00	23.38 -0.86 0.00	24.67 -0.85 0.00	23.81 -0.79 0.00	29.14 -0.62 0.00	37.08 -0.41 0.00	40.73 -0.27 0.00	38.96 -0.18 0.00	37.24 0.16 0.00	37.59 0.23 0.00	31.63 0.32 0.00	30.60 0.37 0.00	33.73 0.50 0.00	37.77 0.54 0.00	36.71 0.27 0.00	33.38 0.47 0.00	47.62 0.66 0.00	35.49 0.61 0.00	29.22 0.43 0.00	32.39 0.34 0.00	30.89 0.22 0.00	32.47 -0.17 0.00	32.79 0.01 0.00
HIGH FALLS____HY 23754	24.83 0.98 0.00	24.80 0.90 0.00	25.13 0.88 0.00	26.41 0.89 0.00	25.48 0.87 0.00	31.06 1.31 0.00	39.79 2.31 0.00	43.72 2.72 0.00	41.62 2.48 0.00	39.15 2.07 0.00	39.51 2.16 0.00	33.03 1.71 0.00	31.75 1.52 0.00	35.16 1.94 0.00	39.46 2.23 0.00	39.00 2.55 0.00	35.56 2.65 0.00	50.89 3.93 0.00	37.87 3.00 0.00	31.15 2.35 0.00	34.53 2.47 0.00	32.77 2.11 0.00	34.44 1.80 0.00	34.19 1.41 0.00
HILLBURN____GT 23639	24.70 0.85 0.00	24.67 0.77 0.00	24.95 0.70 0.00	26.21 0.69 0.00	25.28 0.68 0.00	30.77 1.02 0.00	39.41 1.93 0.00	43.36 2.36 0.00	41.30 2.16 0.00	38.94 1.86 0.00	39.30 1.95 0.00	32.77 1.46 0.00	18.55 1.17 12.84	34.77 1.55 0.00	39.03 1.79 0.00	38.50 2.05 0.00	35.04 2.13 0.00	50.15 3.19 0.00	37.26 2.39 0.00	30.65 1.86 0.00	34.04 1.98 0.00	32.29 1.62 0.00	33.97 1.32 0.00	33.73 0.96 0.00
HILLSIDE_115KV_TB1 80332	22.95 -0.90 0.00	23.03 -0.87 0.00	23.33 -0.92 0.00	24.60 -0.92 0.00	23.68 -0.92 0.00	28.91 -0.83 0.00	36.74 -0.74 0.00	40.40 -0.60 0.00	38.57 -0.57 0.00	36.83 -0.24 0.00	37.20 -0.16 0.00	31.25 -0.07 0.00	30.19 -0.04 0.00	33.25 0.02 0.00	37.29 0.06 0.00	36.23 -0.22 0.00	32.96 0.05 0.00	46.95 0.00 0.00	34.92 0.05 0.00	28.78 -0.01 0.00	31.92 -0.13 0.00	30.47 -0.20 0.00	32.04 -0.61 0.00	32.31 -0.46 0.00
HISHELDN_WT_PWR 323625	22.02 -1.83 0.00	22.04 -1.86 0.00	22.37 -1.87 0.00	23.62 -1.90 0.00	22.58 -1.62 0.40	28.31 -1.44 0.00	35.77 -1.70 0.00	38.98 -2.02 0.00	37.57 -1.57 0.00	36.14 -0.93 0.00	36.40 -0.96 0.00	30.82 -0.50 0.00	25.95 -0.36 3.92	32.13 -0.28 0.82	36.60 -0.50 0.13	35.69 -0.76 0.00	31.63 -0.64 0.64	46.02 -0.95 0.00	34.35 -0.52 0.00	27.85 -0.41 0.53	29.09 -0.50 2.47	29.64 -0.69 0.34	31.62 -1.02 0.00	30.27 -0.52 1.99
HOLTSVILLE_IC_1 23690	24.33 1.63 1.14	25.31 1.41 0.00	25.72 1.48 0.00	26.84 1.32 0.00	26.03 1.43 0.00	31.77 2.02 0.00	40.90 3.42 0.00	44.97 3.97 0.00	42.77 3.63 0.00	40.16 3.09 0.00	40.69 3.33 0.00	34.00 2.68 0.00	45.70 2.26 -13.22	36.19 2.96 0.00	40.76 3.52 0.00	40.64 3.88 -0.32	48.36 3.78 -11.67	59.50 5.55 -6.99	54.79 4.15 -15.76	46.26 3.25 -14.22	41.58 3.47 -6.06	33.79 3.10 -0.02	35.53 2.88 0.00	35.05 2.27 0.00

HOLTSVILLE_IC_10 23699	24.56 1.76 1.05	25.43 1.53 0.00	25.84 1.60 0.00	26.96 1.44 0.00	26.14 1.55 0.00	31.93 2.18 0.00	41.14 3.66 0.00	45.26 4.26 0.00	43.04 3.89 0.00	40.39 3.32 0.00	40.90 3.54 0.00	34.17 2.85 0.00	45.86 2.42 -13.22	36.37 3.14 0.00	41.01 3.78 0.00	40.92 4.15 -0.32	48.72 4.06 -11.75	59.97 5.98 -7.03	55.22 4.48 -15.87	46.63 3.51 -14.33	41.91 3.75 -6.10	34.05 3.36 -0.02	35.77 3.12 0.00	35.27 2.49 0.00
HOLTSVILLE_IC_2 23691	24.33 1.63 1.14	25.31 1.41 0.00	25.72 1.48 0.00	26.84 1.32 0.00	26.03 1.43 0.00	31.77 2.02 0.00	40.90 3.42 0.00	44.97 3.97 0.00	42.77 3.63 0.00	40.16 3.09 0.00	40.69 3.33 0.00	34.00 2.68 0.00	45.70 2.26 -13.22	36.19 2.96 0.00	40.76 3.52 0.00	40.64 3.88 -0.32	48.36 3.78 -11.67	59.50 5.55 -6.99	54.79 4.15 -15.76	46.26 3.25 -14.22	41.58 3.47 -6.06	33.79 3.10 -0.02	35.53 2.88 0.00	35.05 2.27 0.00
HOLTSVILLE_IC_3 23692	24.33 1.63 1.14	25.31 1.41 0.00	25.72 1.48 0.00	26.84 1.32 0.00	26.03 1.43 0.00	31.77 2.02 0.00	40.90 3.42 0.00	44.97 3.97 0.00	42.77 3.63 0.00	40.16 3.09 0.00	40.69 3.33 0.00	34.00 2.68 0.00	45.70 2.26 -13.22	36.19 2.96 0.00	40.76 3.52 0.00	40.64 3.88 -0.32	48.36 3.78 -11.67	59.50 5.55 -6.99	54.79 4.15 -15.76	46.26 3.25 -14.22	41.58 3.47 -6.06	33.79 3.10 -0.02	35.53 2.88 0.00	35.05 2.27 0.00
HOLTSVILLE_IC_4 23693	24.33 1.63 1.14	25.31 1.41 0.00	25.72 1.48 0.00	26.84 1.32 0.00	26.03 1.43 0.00	31.77 2.02 0.00	40.90 3.42 0.00	44.97 3.97 0.00	42.77 3.63 0.00	40.16 3.09 0.00	40.69 3.33 0.00	34.00 2.68 0.00	45.70 2.26 -13.22	36.19 2.96 0.00	40.76 3.52 0.00	40.64 3.88 -0.32	48.36 3.78 -11.67	59.50 5.55 -6.99	54.79 4.15 -15.76	46.26 3.25 -14.22	41.58 3.47 -6.06	33.79 3.10 -0.02	35.53 2.88 0.00	35.05 2.27 0.00
HOLTSVILLE_IC_5 23694	24.33 1.63 1.14	25.31 1.41 0.00	25.72 1.48 0.00	26.84 1.32 0.00	26.03 1.43 0.00	31.77 2.02 0.00	40.90 3.42 0.00	44.97 3.97 0.00	42.77 3.63 0.00	40.16 3.09 0.00	40.69 3.33 0.00	34.00 2.68 0.00	45.70 2.26 -13.22	36.19 2.96 0.00	40.76 3.52 0.00	40.64 3.88 -0.32	48.36 3.78 -11.67	59.50 5.55 -6.99	54.79 4.15 -15.76	46.26 3.25 -14.22	41.58 3.47 -6.06	33.79 3.10 -0.02	35.53 2.88 0.00	35.05 2.27 0.00
HOLTSVILLE_IC_6 23695	24.56 1.76 1.05	25.43 1.53 0.00	25.84 1.60 0.00	26.96 1.44 0.00	26.14 1.55 0.00	31.93 2.18 0.00	41.14 3.66 0.00	45.26 4.26 0.00	43.04 3.89 0.00	40.39 3.32 0.00	40.90 3.54 0.00	34.17 2.85 0.00	45.86 2.42 -13.22	36.37 3.14 0.00	41.01 3.78 0.00	40.92 4.15 -0.32	48.72 4.06 -11.75	59.97 5.98 -7.03	55.22 4.48 -15.87	46.63 3.51 -14.33	41.91 3.75 -6.10	34.05 3.36 -0.02	35.77 3.12 0.00	35.27 2.49 0.00
HOLTSVILLE_IC_7 23696	24.56 1.76 1.05	25.43 1.53 0.00	25.84 1.60 0.00	26.96 1.44 0.00	26.14 1.55 0.00	31.93 2.18 0.00	41.14 3.66 0.00	45.26 4.26 0.00	43.04 3.89 0.00	40.39 3.32 0.00	40.90 3.54 0.00	34.17 2.85 0.00	45.86 2.42 -13.22	36.37 3.14 0.00	41.01 3.78 0.00	40.92 4.15 -0.32	48.72 4.06 -11.75	59.97 5.98 -7.03	55.22 4.48 -15.87	46.63 3.51 -14.33	41.91 3.75 -6.10	34.05 3.36 -0.02	35.77 3.12 0.00	35.27 2.49 0.00
HOLTSVILLE_IC_8 23697	24.56 1.76 1.05	25.43 1.53 0.00	25.84 1.60 0.00	26.96 1.44 0.00	26.14 1.55 0.00	31.93 2.18 0.00	41.14 3.66 0.00	45.26 4.26 0.00	43.04 3.89 0.00	40.39 3.32 0.00	40.90 3.54 0.00	34.17 2.85 0.00	45.86 2.42 -13.22	36.37 3.14 0.00	41.01 3.78 0.00	40.92 4.15 -0.32	48.72 4.06 -11.75	59.97 5.98 -7.03	55.22 4.48 -15.87	46.63 3.51 -14.33	41.91 3.75 -6.10	34.05 3.36 -0.02	35.77 3.12 0.00	35.27 2.49 0.00
HOLTSVILLE_IC_9 23698	24.56 1.76 1.05	25.43 1.53 0.00	25.84 1.60 0.00	26.96 1.44 0.00	26.14 1.55 0.00	31.93 2.18 0.00	41.14 3.66 0.00	45.26 4.26 0.00	43.04 3.89 0.00	40.39 3.32 0.00	40.90 3.54 0.00	34.17 2.85 0.00	45.86 2.42 -13.22	36.37 3.14 0.00	41.01 3.78 0.00	40.92 4.15 -0.32	48.72 4.06 -11.75	59.97 5.98 -7.03	55.22 4.48 -15.87	46.63 3.51 -14.33	41.91 3.75 -6.10	34.05 3.36 -0.02	35.77 3.12 0.00	35.27 2.49 0.00
HOMER_HL_115KV_TB2 355744	23.74 -0.11 0.00	23.71 -0.19 0.00	24.10 -0.15 0.00	25.44 -0.08 0.00	24.61 0.02 0.00	30.09 0.34 0.00	37.97 0.49 0.00	41.52 0.52 0.00	39.85 0.70 0.00	38.37 1.29 0.00	39.02 1.67 0.00	32.77 1.46 0.00	31.81 1.58 0.00	35.06 1.83 0.00	39.07 1.84 0.00	37.72 1.27 0.00	33.85 0.94 0.00	48.33 1.37 0.00	35.96 1.08 0.00	29.66 0.87 0.00	33.04 0.99 0.00	31.50 0.83 0.00	33.28 0.63 0.00	34.01 1.23 0.00
HOWARD_WT_PWR 323690	21.39 -2.46 0.00	21.36 -2.53 0.00	21.65 -2.60 0.00	22.84 -2.68 0.00	22.38 -2.39 -0.17	27.57 -2.18 0.00	35.25 -2.23 0.00	38.71 -2.29 0.00	37.38 -1.77 0.00	35.85 -1.22 0.00	36.21 -1.15 0.00	30.79 -0.52 0.00	31.77 -0.22 -1.76	33.71 0.12 -0.37	37.18 -0.11 -0.06	35.96 -0.49 0.00	32.64 -0.55 -0.28	46.52 -0.44 0.00	34.73 -0.14 0.00	28.97 -0.06 -0.23	32.95 -0.22 -1.11	30.41 -0.41 -0.15	31.77 -0.87 0.00	33.30 -0.35 -0.87
HQ_GEN_CEDARS 23644	24.34 0.49 0.00	24.42 0.52 0.00	24.83 0.58 0.00	26.22 0.69 0.00	25.26 0.66 0.00	30.44 0.69 0.00	37.67 0.19 0.00	41.20 0.20 0.00	39.35 0.20 0.00	37.32 0.25 0.00	37.72 0.37 0.00	31.77 0.45 0.00	30.69 0.47 0.00	33.58 0.35 0.00	37.68 0.45 0.00	36.57 0.12 0.00	32.74 -0.16 0.00	46.67 -0.30 0.00	34.61 -0.27 0.00	28.66 -0.13 0.00	32.04 -0.02 0.00	31.03 0.36 0.00	33.35 0.71 0.00	33.79 1.02 0.00
HQ_GEN_CEDARS_PROXY 323590	24.34 0.49 0.00	24.42 0.52 0.00	24.83 0.58 0.00	26.21 0.69 0.00	25.26 0.66 0.00	30.44 0.69 0.00	37.67 0.20 0.00	41.20 0.20 0.00	39.35 0.20 0.00	37.32 0.25 0.00	37.73 0.37 0.00	31.77 0.45 0.00	30.69 0.47 0.00	33.58 0.35 0.00	37.68 0.44 0.00	36.57 0.12 0.00	32.74 -0.16 0.00	46.67 -0.29 0.00	34.61 -0.27 0.00	28.66 -0.13 0.00	32.04 -0.02 0.00	31.03 0.36 0.00	33.35 0.71 0.00	33.79 1.02 0.00
HQ_GEN_IMPORT 323601	24.02 0.18 0.00	24.09 0.19 0.00	24.46 0.21 0.00	25.77 0.25 0.00	24.84 0.24 0.00	29.99 0.24 0.00	37.44 0.04 0.07	40.99 -0.01 0.00	39.18 0.03 0.00	37.11 0.04 0.00	38.83 0.03 -1.45	31.42 0.10 0.00	30.37 0.14 0.00	33.24 0.01 0.00	37.29 0.05 0.00	36.31 -0.14 0.00	32.64 -0.27 0.00	47.32 -0.42 -0.78	34.54 -0.34 0.00	28.56 -0.23 0.00	31.86 -0.20 0.00	30.71 0.04 0.00	32.92 0.27 0.00	33.15 0.37 0.00
HQ_GEN_WHEEL 23651	24.02 0.18 0.00	24.09 0.19 0.00	24.46 0.21 0.00	25.77 0.25 0.00	24.84 0.24 0.00	29.99 0.24 0.00	37.44 0.04 0.07	40.99 -0.01 0.00	39.18 0.03 0.00	37.11 0.04 0.00	38.83 0.03 -1.45	31.42 0.10 0.00	30.37 0.14 0.00	33.24 0.01 0.00	37.29 0.05 0.00	36.31 -0.14 0.00	32.64 -0.27 0.00	47.32 -0.42 -0.78	34.54 -0.34 0.00	28.56 -0.23 0.00	31.86 -0.20 0.00	30.71 0.04 0.00	32.92 0.27 0.00	33.15 0.37 0.00

HUDSON AVE_GT_3 23810	24.81 0.96 0.00	24.79 0.89 0.00	25.12 0.87 0.00	26.35 0.83 0.00	25.43 0.83 0.00	31.04 1.29 0.00	39.85 2.37 0.00	43.81 2.81 0.00	41.80 2.65 0.00	39.42 2.35 0.00	39.80 2.44 0.00	33.23 1.91 0.00	45.16 1.63 -13.31	35.33 2.10 0.00	39.62 2.38 0.00	39.14 2.69 0.00	35.60 2.69 0.00	50.81 3.85 0.00	37.80 2.93 0.00	31.04 2.25 0.00	34.46 2.40 0.00	32.67 2.01 0.00	34.37 1.72 0.00	34.09 1.31 0.00
HUDSON AVE_GT_4 23540	24.81 0.96 0.00	24.79 0.89 0.00	25.12 0.87 0.00	26.35 0.83 0.00	25.43 0.83 0.00	31.04 1.29 0.00	39.85 2.37 0.00	43.81 2.81 0.00	41.80 2.65 0.00	39.42 2.35 0.00	39.80 2.44 0.00	33.23 1.91 0.00	45.16 1.63 -13.31	35.33 2.10 0.00	39.62 2.38 0.00	39.14 2.69 0.00	35.60 2.69 0.00	50.81 3.85 0.00	37.80 2.93 0.00	31.04 2.25 0.00	34.46 2.40 0.00	32.67 2.01 0.00	34.37 1.72 0.00	34.09 1.31 0.00
HUDSON AVE_GT_5 23657	24.81 0.96 0.00	24.79 0.89 0.00	25.12 0.87 0.00	26.35 0.83 0.00	25.43 0.83 0.00	31.04 1.29 0.00	39.85 2.37 0.00	43.81 2.81 0.00	41.80 2.65 0.00	39.42 2.35 0.00	39.80 2.44 0.00	33.23 1.91 0.00	45.16 1.63 -13.31	35.33 2.10 0.00	39.62 2.38 0.00	39.14 2.69 0.00	35.60 2.69 0.00	50.81 3.85 0.00	37.80 2.93 0.00	31.04 2.25 0.00	34.46 2.40 0.00	32.67 2.01 0.00	34.37 1.72 0.00	34.09 1.31 0.00
HUDSON_AVE_10 24168	24.72 0.87 0.00	24.70 0.80 0.00	25.02 0.78 0.00	26.26 0.74 0.00	25.35 0.75 0.00	30.93 1.18 0.00	39.69 2.21 0.00	43.63 2.64 0.00	41.62 2.48 0.00	39.24 2.17 0.00	39.61 2.26 0.00	33.08 1.76 0.00	45.02 1.49 -13.31	35.16 1.94 0.00	39.45 2.21 0.00	38.97 2.52 0.00	35.44 2.53 0.00	50.62 3.66 0.00	37.65 2.78 0.00	30.93 2.14 0.00	34.33 2.27 0.00	32.54 1.88 0.00	34.22 1.58 0.00	33.96 1.18 0.00
HUDSON___115KV_TB 4 355613	24.94 1.09 0.00	25.02 1.12 0.00	25.32 1.07 0.00	26.52 1.00 0.00	25.57 0.97 0.00	30.83 1.08 0.00	39.23 1.75 0.00	43.67 2.67 0.00	41.57 2.42 0.00	39.07 2.00 0.00	39.33 1.97 0.00	32.75 1.44 0.00	31.67 1.44 0.00	35.03 1.80 0.00	39.31 2.08 0.00	38.53 2.09 0.00	34.80 1.89 0.00	49.82 2.86 0.00	36.92 2.04 0.00	30.44 1.65 0.00	33.89 1.83 0.00	32.07 1.41 0.00	33.86 1.21 0.00	33.79 1.01 0.00
HUNTER MOUNT___DRP 323613	25.14 1.30 0.00	25.24 1.34 0.00	25.53 1.29 0.00	26.76 1.24 0.00	25.81 1.20 0.00	31.06 1.31 0.00	39.53 2.05 0.00	44.40 3.41 0.00	42.26 3.12 0.00	39.67 2.59 0.00	39.90 2.55 0.00	33.18 1.86 0.00	32.15 1.93 0.00	35.52 2.29 0.00	39.92 2.69 0.00	38.90 2.45 0.00	35.03 2.13 0.00	50.19 3.23 0.00	37.17 2.30 0.00	30.66 1.87 0.00	34.13 2.07 0.00	32.28 1.62 0.00	34.08 1.44 0.00	34.03 1.25 0.00
HUNTINGTON_RES_REC 323705	24.46 1.60 0.99	25.28 1.38 0.00	25.70 1.45 0.00	26.81 1.29 0.00	25.99 1.40 0.00	31.74 1.99 0.00	40.88 3.40 0.00	44.96 3.96 0.00	42.75 3.60 0.00	40.15 3.07 0.00	40.65 3.29 0.00	33.96 2.65 0.00	45.69 2.25 -13.22	36.18 2.95 0.00	40.77 3.53 0.00	40.65 3.89 -0.32	48.56 3.82 -11.83	59.69 5.65 -7.08	55.08 4.23 -15.98	46.55 3.32 -14.44	41.74 3.53 -6.15	33.82 3.13 -0.02	35.54 2.90 0.00	35.06 2.28 0.00
HUNTLEY___63 23557	22.47 -1.38 0.00	22.49 -1.42 0.00	22.87 -1.38 0.00	24.13 -1.39 0.00	23.50 -1.10 0.00	28.95 -0.80 0.00	36.30 -1.17 0.00	39.22 -1.78 0.00	37.78 -1.37 0.00	36.30 -0.78 0.00	36.76 -0.59 0.00	30.96 -0.36 0.00	29.97 -0.26 0.00	32.97 -0.26 0.00	36.78 -0.45 0.00	35.76 -0.69 0.00	32.23 -0.68 0.00	45.70 -1.26 0.00	34.08 -0.80 0.00	28.21 -0.58 0.00	31.42 -0.64 0.00	29.81 -0.86 0.00	31.46 -1.18 0.00	32.19 -0.58 0.00
HUNTLEY___64 23558	22.47 -1.38 0.00	22.49 -1.42 0.00	22.87 -1.38 0.00	24.13 -1.39 0.00	23.50 -1.10 0.00	28.95 -0.80 0.00	36.30 -1.17 0.00	39.22 -1.78 0.00	37.78 -1.37 0.00	36.30 -0.78 0.00	36.76 -0.59 0.00	30.96 -0.36 0.00	29.97 -0.26 0.00	32.97 -0.26 0.00	36.78 -0.45 0.00	35.76 -0.69 0.00	32.23 -0.68 0.00	45.70 -1.26 0.00	34.08 -0.80 0.00	28.21 -0.58 0.00	31.42 -0.64 0.00	29.81 -0.86 0.00	31.46 -1.18 0.00	32.19 -0.58 0.00
HUNTLEY___65 23559	22.47 -1.38 0.00	22.49 -1.42 0.00	22.87 -1.38 0.00	24.13 -1.39 0.00	23.50 -1.10 0.00	28.95 -0.80 0.00	36.30 -1.17 0.00	39.22 -1.78 0.00	37.78 -1.37 0.00	36.30 -0.78 0.00	36.76 -0.59 0.00	30.96 -0.36 0.00	29.97 -0.26 0.00	32.97 -0.26 0.00	36.78 -0.45 0.00	35.76 -0.69 0.00	32.23 -0.68 0.00	45.70 -1.26 0.00	34.08 -0.80 0.00	28.21 -0.58 0.00	31.42 -0.64 0.00	29.81 -0.86 0.00	31.46 -1.18 0.00	32.19 -0.58 0.00
HUNTLEY___66 23560	22.47 -1.38 0.00	22.49 -1.42 0.00	22.87 -1.38 0.00	24.13 -1.39 0.00	23.50 -1.10 0.00	28.95 -0.80 0.00	36.30 -1.17 0.00	39.22 -1.78 0.00	37.78 -1.37 0.00	36.30 -0.78 0.00	36.76 -0.59 0.00	30.96 -0.36 0.00	29.97 -0.26 0.00	32.97 -0.26 0.00	36.78 -0.45 0.00	35.76 -0.69 0.00	32.23 -0.68 0.00	45.70 -1.26 0.00	34.08 -0.80 0.00	28.21 -0.58 0.00	31.42 -0.64 0.00	29.81 -0.86 0.00	31.46 -1.18 0.00	32.19 -0.58 0.00
HUNTLEY___67 23561	22.31 -1.54 0.00	22.32 -1.57 0.00	22.69 -1.56 0.00	23.94 -1.58 0.00	23.31 -1.29 0.00	28.69 -1.06 0.00	35.99 -1.49 0.00	38.97 -2.03 0.00	37.53 -1.62 0.00	36.03 -1.05 0.00	36.53 -0.83 0.00	30.69 -0.63 0.00	29.69 -0.54 0.00	32.68 -0.55 0.00	36.48 -0.76 0.00	35.43 -1.02 0.00	31.94 -0.97 0.00	45.37 -1.59 0.00	33.83 -1.04 0.00	28.02 -0.78 0.00	31.21 -0.85 0.00	29.63 -1.03 0.00	31.30 -1.34 0.00	32.04 -0.74 0.00
HUNTLEY___68 23562	22.31 -1.54 0.00	22.32 -1.57 0.00	22.69 -1.56 0.00	23.94 -1.58 0.00	23.31 -1.29 0.00	28.69 -1.06 0.00	35.99 -1.49 0.00	38.97 -2.03 0.00	37.53 -1.62 0.00	36.03 -1.05 0.00	36.53 -0.83 0.00	30.69 -0.63 0.00	29.69 -0.54 0.00	32.68 -0.55 0.00	36.48 -0.76 0.00	35.43 -1.02 0.00	31.94 -0.97 0.00	45.37 -1.59 0.00	33.83 -1.04 0.00	28.02 -0.78 0.00	31.21 -0.85 0.00	29.63 -1.03 0.00	31.30 -1.34 0.00	32.04 -0.74 0.00
HYLAND___LFGE 323620	23.30 -0.55 0.00	23.27 -0.63 0.00	23.60 -0.64 0.00	24.90 -0.61 0.00	24.21 -0.39 0.00	29.81 0.06 0.00	38.04 0.56 0.00	41.73 0.73 0.00	40.17 1.03 0.00	38.29 1.22 0.00	38.46 1.11 0.00	32.22 0.91 0.00	31.32 1.10 0.00	34.56 1.33 0.00	38.54 1.30 0.00	37.72 1.28 0.00	34.34 1.43 0.00	49.19 2.23 0.00	36.76 1.89 0.00	30.28 1.49 0.00	33.56 1.51 0.00	31.79 1.13 0.00	33.39 0.74 0.00	33.84 1.06 0.00
INDECK___CORINTH 23802	25.43 1.58 0.00	25.51 1.61 0.00	25.82 1.58 0.00	26.92 1.40 0.00	25.65 1.05 0.00	30.69 0.93 0.00	38.89 1.42 0.00	43.14 2.15 0.00	40.90 1.76 0.00	38.62 1.54 0.00	38.85 1.49 0.00	32.12 0.80 0.00	30.95 0.73 0.00	34.10 0.87 0.00	38.17 0.94 0.00	37.65 1.20 0.00	34.19 1.28 0.00	48.93 1.97 0.00	36.18 1.30 0.00	29.83 1.04 0.00	33.32 1.26 0.00	31.52 0.85 0.00	33.37 0.72 0.00	33.28 0.50 0.00

INDECK___ILION 23567	23.93 0.08 0.00	23.94 0.04 0.00	24.25 0.01 0.00	25.47 -0.05 0.00	24.52 -0.08 0.00	29.65 -0.10 0.00	37.64 0.16 0.00	41.46 0.46 0.00	39.51 0.37 0.00	37.33 0.25 0.00	37.49 0.13 0.00	31.35 0.03 0.00	30.26 0.03 0.00	33.41 0.18 0.00	37.39 0.16 0.00	36.81 0.37 0.00	33.44 0.53 0.00	47.74 0.78 0.00	35.42 0.55 0.00	29.23 0.44 0.00	32.52 0.46 0.00	30.91 0.24 0.00	32.70 0.05 0.00	32.61 -0.17 0.00
INDECK___OLEAN 23982	23.74 -0.11 0.00	23.71 -0.18 0.00	24.10 -0.15 0.00	25.44 -0.08 0.00	23.50 0.01 1.11	30.09 0.34 0.00	37.97 0.49 0.00	41.50 0.51 0.00	39.85 0.70 0.00	38.37 1.30 0.00	39.01 1.65 0.00	32.78 1.46 0.00	21.47 1.58 10.33	32.92 1.84 2.15	38.73 1.84 0.34	37.72 1.28 0.00	32.16 0.94 1.70	48.33 1.37 0.00	35.95 1.09 0.00	28.27 0.87 1.39	26.55 1.00 6.51	30.61 0.84 0.89	33.28 0.64 0.00	28.77 1.21 5.22
INDECK___OSWEGO 23783	23.08 -0.77 0.00	23.11 -0.79 0.00	23.43 -0.81 0.00	24.67 -0.85 0.00	23.81 -0.79 0.00	28.85 -0.90 0.00	36.42 -1.05 0.00	39.72 -1.27 0.00	37.96 -1.19 0.00	36.06 -1.02 0.00	36.35 -1.00 0.00	30.49 -0.83 0.00	29.42 -0.81 0.00	32.39 -0.84 0.00	36.26 -0.97 0.00	35.57 -0.88 0.00	32.21 -0.70 0.00	45.97 -0.99 0.00	34.19 -0.68 0.00	28.21 -0.58 0.00	31.33 -0.73 0.00	29.86 -0.80 0.00	31.66 -0.98 0.00	31.80 -0.98 0.00
INDECK___YERKES 23781	22.49 -1.36 0.00	22.51 -1.39 0.00	22.89 -1.35 0.00	24.16 -1.36 0.00	22.86 -1.07 0.66	28.98 -0.77 0.00	36.34 -1.14 0.00	39.25 -1.74 0.00	37.82 -1.32 0.00	36.35 -0.73 0.00	36.79 -0.56 0.00	30.99 -0.32 0.00	23.39 -0.22 6.61	31.64 -0.21 1.38	36.60 -0.41 0.22	35.81 -0.64 0.00	31.18 -0.64 1.09	45.76 -1.20 0.00	34.11 -0.76 0.00	27.36 -0.54 0.89	27.28 -0.60 4.17	29.28 -0.82 0.57	31.50 -1.15 0.00	28.88 -0.56 3.34
INDIAN POINT_GT_1 24139	24.71 0.86 0.00	24.70 0.81 0.00	25.07 0.82 0.00	26.30 0.78 0.00	25.39 0.79 0.00	30.94 1.19 0.00	39.64 2.16 0.00	43.62 2.62 0.00	41.56 2.42 0.00	39.18 2.11 0.00	39.54 2.19 0.00	33.00 1.68 0.00	46.33 1.43 -14.67	35.09 1.86 0.00	39.36 2.13 0.00	38.87 2.42 0.00	35.34 2.44 0.00	50.52 3.56 0.00	37.56 2.69 0.00	30.87 2.08 0.00	34.29 2.23 0.00	32.51 1.85 0.00	34.20 1.56 0.00	33.95 1.17 0.00
INDIAN POINT_GT_2 23659	24.71 0.86 0.00	24.70 0.81 0.00	25.07 0.82 0.00	26.30 0.78 0.00	25.39 0.79 0.00	30.94 1.19 0.00	39.64 2.16 0.00	43.62 2.62 0.00	41.56 2.42 0.00	39.18 2.11 0.00	39.54 2.19 0.00	33.00 1.68 0.00	46.33 1.43 -14.67	35.09 1.86 0.00	39.36 2.13 0.00	38.87 2.42 0.00	35.34 2.44 0.00	50.52 3.56 0.00	37.56 2.69 0.00	30.87 2.08 0.00	34.29 2.23 0.00	32.51 1.85 0.00	34.20 1.56 0.00	33.95 1.17 0.00
INDIAN POINT_GT_3 24019	24.71 0.86 0.00	24.70 0.81 0.00	25.07 0.82 0.00	26.30 0.78 0.00	25.39 0.79 0.00	30.94 1.19 0.00	39.64 2.16 0.00	43.62 2.62 0.00	41.56 2.42 0.00	39.18 2.11 0.00	39.54 2.19 0.00	33.00 1.68 0.00	46.33 1.43 -14.67	35.09 1.86 0.00	39.36 2.13 0.00	38.87 2.42 0.00	35.34 2.44 0.00	50.52 3.56 0.00	37.56 2.69 0.00	30.87 2.08 0.00	34.29 2.23 0.00	32.51 1.85 0.00	34.20 1.56 0.00	33.95 1.17 0.00
INDIAN POINT___2 23530	24.69 0.84 0.00	24.68 0.78 0.00	25.11 0.86 0.00	26.34 0.82 0.00	25.41 0.81 0.00	30.97 1.22 0.00	39.68 2.20 0.00	43.65 2.66 0.00	41.60 2.45 0.00	39.22 2.14 0.00	39.59 2.23 0.00	33.04 1.72 0.00	45.40 1.45 -13.71	35.12 1.90 0.00	39.40 2.17 0.00	38.91 2.47 0.00	35.38 2.47 0.00	50.57 3.60 0.00	37.60 2.72 0.00	30.89 2.10 0.00	34.32 2.26 0.00	32.54 1.88 0.00	34.24 1.59 0.00	33.98 1.20 0.00
INDIAN POINT___3 23531	24.71 0.86 0.00	24.69 0.79 0.00	25.00 0.75 0.00	26.24 0.72 0.00	25.32 0.71 0.00	30.82 1.07 0.00	39.46 1.98 0.00	43.42 2.42 0.00	41.36 2.22 0.00	39.00 1.93 0.00	39.35 2.00 0.00	32.83 1.51 0.00	50.78 1.25 -19.30	34.89 1.66 0.00	39.13 1.90 0.00	38.63 2.19 0.00	35.13 2.22 0.00	50.24 3.28 0.00	37.34 2.47 0.00	30.70 1.91 0.00	34.10 2.04 0.00	32.34 1.68 0.00	34.04 1.39 0.00	33.80 1.02 0.00
INGHAM_C_115KV_TB7 356103	23.95 0.10 0.00	23.92 0.02 0.00	24.15 -0.09 0.00	25.25 -0.27 0.00	24.29 -0.31 0.00	29.35 -0.40 0.00	37.50 0.02 0.00	41.62 0.62 0.00	39.59 0.45 0.00	37.26 0.18 0.00	37.25 -0.10 0.00	31.05 -0.26 0.00	30.01 -0.22 0.00	33.29 0.06 0.00	37.26 0.03 0.00	36.92 0.47 0.00	33.75 0.84 0.00	48.18 1.22 0.00	35.69 0.82 0.00	29.41 0.62 0.00	32.73 0.67 0.00	30.90 0.23 0.00	32.47 -0.17 0.00	32.18 -0.60 0.00
IP CORINTH___1 23988	25.43 1.58 0.00	25.50 1.61 0.00	25.82 1.58 0.00	26.96 1.44 0.00	25.71 1.10 0.00	30.83 1.08 0.00	39.11 1.63 0.00	43.38 2.38 0.00	41.14 1.99 0.00	38.84 1.77 0.00	39.07 1.72 0.00	32.30 0.98 0.00	31.14 0.91 0.00	34.30 1.07 0.00	38.39 1.16 0.00	37.86 1.42 0.00	34.39 1.48 0.00	49.22 2.26 0.00	36.38 1.51 0.00	30.00 1.21 0.00	33.51 1.45 0.00	31.69 1.02 0.00	33.54 0.90 0.00	33.46 0.69 0.00
IP___TICONDEROGA 23804	25.99 2.15 0.00	26.06 2.16 0.00	26.46 2.21 0.00	27.62 2.10 0.00	26.31 1.72 0.00	32.05 2.30 0.00	40.66 3.19 0.00	45.41 4.41 0.00	43.10 3.96 0.00	40.77 3.69 0.00	40.92 3.56 0.00	33.79 2.48 0.00	32.58 2.36 0.00	36.06 2.83 0.00	40.27 3.04 0.00	39.80 3.35 0.00	36.36 3.45 0.00	51.91 4.95 0.00	38.09 3.21 0.00	31.42 2.63 0.00	34.70 2.64 0.00	32.60 1.94 0.00	34.54 1.89 0.00	34.44 1.66 0.00
ISLIP_RES_REC 323679	24.69 1.84 0.99	25.50 1.60 0.00	25.91 1.67 0.00	27.04 1.52 0.00	26.22 1.62 0.00	32.05 2.30 0.00	41.30 3.83 0.00	45.45 4.45 0.00	43.23 4.09 0.00	40.56 3.48 0.00	41.07 3.72 0.00	34.30 2.99 0.00	45.99 2.54 -13.22	36.53 3.31 0.00	41.20 3.97 0.00	41.12 4.35 -0.32	48.95 4.24 -11.80	60.25 6.23 -7.06	55.49 4.69 -15.94	46.85 3.67 -14.39	42.11 3.93 -6.13	34.21 3.52 -0.02	35.91 3.27 0.00	35.40 2.63 0.00
JAMAICA__27_KV_LOAD 355505	24.82 0.97 0.00	24.82 0.92 0.00	25.15 0.90 0.00	26.41 0.89 0.00	25.50 0.90 0.00	31.10 1.36 0.00	39.89 2.41 0.00	43.82 2.83 0.00	41.82 2.68 0.00	39.42 2.35 0.00	39.79 2.44 0.00	33.21 1.89 0.00	45.17 1.64 -13.31	35.31 2.09 0.00	39.63 2.40 0.00	39.16 2.71 0.00	35.65 2.75 0.00	50.95 3.99 0.00	37.88 3.01 0.00	31.14 2.35 0.00	34.56 2.50 0.00	32.74 2.07 0.00	34.41 1.77 0.00	34.14 1.36 0.00
JANIS___SOLAR 323808	24.13 0.28 0.00	24.22 0.32 0.00	24.55 0.30 0.00	25.94 0.42 0.00	25.23 0.45 -0.18	30.43 0.68 0.00	38.96 1.48 0.00	42.67 1.67 0.00	40.82 1.67 0.00	38.84 1.76 0.00	39.07 1.71 0.00	32.69 1.37 0.00	33.41 1.37 -1.82	35.33 1.73 -0.38	39.22 1.93 -0.06	38.62 2.17 0.00	35.39 2.19 -0.29	50.23 3.27 0.00	37.24 2.37 0.00	30.85 1.82 -0.24	34.99 1.79 -1.15	32.25 1.43 -0.16	33.87 1.22 0.00	34.92 1.25 -0.89

JARVIS____ 23743	23.82 -0.02 0.00	23.87 -0.02 0.00	24.22 -0.02 0.00	25.49 -0.03 0.00	24.57 -0.02 0.00	29.72 -0.03 0.00	37.56 0.08 0.00	41.14 0.14 0.00	39.26 0.12 0.00	37.19 0.11 0.00	37.46 0.10 0.00	31.38 0.06 0.00	30.28 0.06 0.00	33.32 0.09 0.00	37.27 0.04 0.00	36.56 0.11 0.00	33.07 0.16 0.00	47.20 0.24 0.00	35.05 0.17 0.00	28.93 0.14 0.00	32.22 0.16 0.00	30.74 0.08 0.00	32.67 0.03 0.00	32.74 -0.04 0.00
JENNISON____1 23625	23.89 0.04 0.00	24.03 0.13 0.00	24.31 0.07 0.00	25.74 0.22 0.00	24.77 0.16 0.00	29.95 0.20 0.00	38.59 1.11 0.00	42.17 1.18 0.00	40.56 1.41 0.00	38.65 1.57 0.00	38.89 1.53 0.00	32.49 1.17 0.00	31.46 1.23 0.00	34.82 1.59 0.00	39.10 1.87 0.00	38.43 1.98 0.00	34.66 1.75 0.00	49.72 2.76 0.00	36.69 1.82 0.00	30.19 1.40 0.00	33.29 1.23 0.00	31.58 0.91 0.00	33.39 0.75 0.00	33.50 0.72 0.00
JENNISON____2 23626	23.89 0.04 0.00	24.03 0.13 0.00	24.31 0.07 0.00	25.74 0.22 0.00	24.77 0.16 0.00	29.95 0.20 0.00	38.59 1.11 0.00	42.17 1.18 0.00	40.56 1.41 0.00	38.65 1.57 0.00	38.89 1.53 0.00	32.49 1.17 0.00	31.46 1.23 0.00	34.82 1.59 0.00	39.10 1.87 0.00	38.43 1.98 0.00	34.66 1.75 0.00	49.72 2.76 0.00	36.69 1.82 0.00	30.19 1.40 0.00	33.29 1.23 0.00	31.58 0.91 0.00	33.39 0.75 0.00	33.50 0.72 0.00
JERICHO_RISE_WT_PWR 323719	24.33 0.48 0.00	24.49 0.59 0.00	24.98 0.74 0.00	26.50 0.98 0.00	25.35 0.75 0.00	30.02 0.27 0.00	37.12 -0.36 0.00	40.96 -0.04 0.00	39.18 0.04 0.00	37.27 0.20 0.00	38.00 0.64 0.00	32.13 0.82 0.00	31.07 0.84 0.00	34.22 0.99 0.00	38.35 1.12 0.00	37.48 1.03 0.00	33.52 0.61 0.00	47.72 0.76 0.00	35.41 0.54 0.00	29.43 0.64 0.00	32.81 0.75 0.00	31.65 0.98 0.00	33.90 1.26 0.00	34.37 1.59 0.00
KATONAH____115KV_46KV_TB4 355592	24.90 1.05 0.00	24.89 0.99 0.00	25.21 0.97 0.00	26.45 0.93 0.00	25.51 0.91 0.00	31.10 1.35 0.00	39.84 2.36 0.00	43.86 2.86 0.00	41.79 2.65 0.00	39.44 2.36 0.00	39.75 2.40 0.00	33.16 1.84 0.00	40.66 1.60 -8.84	35.28 2.05 0.00	39.57 2.34 0.00	39.07 2.62 0.00	35.55 2.65 0.00	50.84 3.88 0.00	37.80 2.93 0.00	31.06 2.27 0.00	34.50 2.44 0.00	32.70 2.04 0.00	34.39 1.74 0.00	34.13 1.35 0.00
KCE_NY_1 323755	25.23 1.38 0.00	25.28 1.38 0.00	25.61 1.36 0.00	26.83 1.31 0.00	25.76 1.15 0.00	31.06 1.30 0.00	39.48 2.00 0.00	43.54 2.54 0.00	41.36 2.22 0.00	39.05 1.98 0.00	39.34 1.98 0.00	32.72 1.40 0.00	31.54 1.31 0.00	34.82 1.59 0.00	39.03 1.79 0.00	38.45 2.00 0.00	34.83 1.92 0.00	49.90 2.94 0.00	36.94 2.07 0.00	30.46 1.67 0.00	33.95 1.89 0.00	32.13 1.46 0.00	33.99 1.34 0.00	33.95 1.17 0.00
KCE_NY_6_ESR 323823	22.57 -1.28 0.00	22.59 -1.30 0.00	22.95 -1.29 0.00	24.23 -1.29 0.00	22.82 -1.03 0.75	29.05 -0.71 0.00	36.52 -0.96 0.00	39.68 -1.32 0.00	38.20 -0.94 0.00	36.71 -0.37 0.00	37.28 -0.08 0.00	31.27 -0.04 0.00	23.00 0.06 7.29	31.85 0.14 1.52	36.99 0.00 0.24	36.14 -0.30 0.00	31.43 -0.28 1.20	46.41 -0.55 0.00	34.64 -0.24 0.00	27.68 -0.13 0.98	27.33 -0.13 4.59	29.67 -0.37 0.63	31.95 -0.69 0.00	28.95 -0.14 3.69
KEDC_PORT_JEFF_GT2 24210	24.52 1.74 1.08	25.41 1.50 0.00	25.82 1.57 0.00	26.94 1.42 0.00	26.12 1.52 0.00	31.91 2.16 0.00	41.11 3.63 0.00	45.23 4.23 0.00	43.00 3.85 0.00	40.36 3.29 0.00	40.87 3.51 0.00	34.14 2.83 0.00	45.84 2.40 -13.22	36.35 3.12 0.00	40.98 3.74 0.00	40.89 4.13 -0.32	48.67 4.03 -11.73	59.93 5.95 -7.02	55.17 4.45 -15.85	46.58 3.48 -14.30	41.87 3.72 -6.09	34.02 3.33 -0.02	35.74 3.10 0.00	35.25 2.47 0.00
KEDC_PORT_JEFF_GT3 24211	24.52 1.74 1.08	25.41 1.50 0.00	25.82 1.57 0.00	26.94 1.42 0.00	26.12 1.52 0.00	31.91 2.16 0.00	41.11 3.63 0.00	45.23 4.23 0.00	43.00 3.85 0.00	40.36 3.29 0.00	40.87 3.51 0.00	34.14 2.83 0.00	45.84 2.40 -13.22	36.35 3.12 0.00	40.98 3.74 0.00	40.89 4.13 -0.32	48.67 4.03 -11.73	59.93 5.95 -7.02	55.17 4.45 -15.85	46.58 3.48 -14.30	41.87 3.72 -6.09	34.02 3.33 -0.02	35.74 3.10 0.00	35.25 2.47 0.00
KEDC_GLWD_GT4 24219	27.63 1.23 -2.55	25.00 1.10 0.00	25.36 1.12 0.00	26.57 1.05 0.00	25.67 1.07 0.00	31.32 1.57 0.00	40.19 2.72 0.00	44.22 3.23 0.00	42.00 2.85 0.00	39.69 2.61 0.00	40.14 2.78 0.00	33.52 2.20 0.00	45.32 1.87 -13.22	35.67 2.43 0.00	40.04 2.81 0.00	40.10 3.11 -0.55	55.17 2.98 -19.28	62.72 4.27 -11.49	64.12 3.21 -26.04	55.74 2.55 -24.39	45.05 2.79 -10.20	33.11 2.40 -0.04	34.80 2.15 -0.01	34.45 1.67 0.00
KEDC_GLWD_GT5 24220	27.63 1.23 -2.55	25.00 1.10 0.00	25.36 1.12 0.00	26.57 1.05 0.00	25.67 1.07 0.00	31.32 1.57 0.00	40.19 2.72 0.00	44.22 3.23 0.00	42.00 2.85 0.00	39.69 2.61 0.00	40.14 2.78 0.00	33.52 2.20 0.00	45.32 1.87 -13.22	35.67 2.43 0.00	40.04 2.81 0.00	40.10 3.11 -0.55	55.17 2.98 -19.28	62.72 4.27 -11.49	64.12 3.21 -26.04	55.74 2.55 -24.39	45.05 2.79 -10.20	33.11 2.40 -0.04	34.80 2.15 -0.01	34.45 1.67 0.00
KENSICO____ 23655	24.78 0.93 0.00	24.76 0.87 0.00	25.11 0.86 0.00	26.34 0.82 0.00	25.41 0.81 0.00	30.96 1.22 0.00	39.67 2.20 0.00	43.65 2.65 0.00	41.59 2.45 0.00	39.22 2.15 0.00	39.58 2.22 0.00	33.03 1.72 0.00	45.89 1.46 -14.21	35.12 1.90 0.00	39.39 2.16 0.00	38.91 2.46 0.00	35.38 2.47 0.00	50.56 3.60 0.00	37.59 2.72 0.00	30.89 2.10 0.00	34.31 2.26 0.00	32.53 1.87 0.00	34.23 1.59 0.00	33.98 1.20 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.88 1.03 0.00	24.85 0.95 0.00	25.18 0.93 0.00	26.44 0.93 0.00	25.52 0.92 0.00	31.07 1.33 0.00	39.82 2.34 0.00	43.79 2.80 0.00	41.67 2.52 0.00	39.19 2.12 0.00	39.55 2.20 0.00	33.05 1.73 0.00	31.78 1.55 0.00	35.20 1.98 0.00	39.50 2.27 0.00	39.03 2.58 0.00	35.56 2.66 0.00	50.93 3.97 0.00	37.86 2.99 0.00	31.15 2.35 0.00	34.53 2.47 0.00	32.77 2.10 0.00	34.45 1.81 0.00	34.21 1.43 0.00
KIAC_JFK_GT1 23816	24.74 0.89 0.00	24.74 0.84 0.00	25.08 0.83 0.00	26.33 0.81 0.00	25.42 0.82 0.00	31.01 1.26 0.00	39.75 2.27 0.00	43.68 2.68 0.00	41.69 2.54 0.00	39.29 2.22 0.00	39.65 2.30 0.00	33.10 1.79 0.00	45.07 1.54 -13.31	35.19 1.96 0.00	39.50 2.27 0.00	39.03 2.58 0.00	35.53 2.62 0.00	50.76 3.80 0.00	37.74 2.87 0.00	31.02 2.23 0.00	34.43 2.37 0.00	32.62 1.96 0.00	34.29 1.65 0.00	34.03 1.26 0.00
KIAC_JFK_GT2 23817	24.74 0.89 0.00	24.74 0.84 0.00	25.08 0.83 0.00	26.33 0.81 0.00	25.42 0.82 0.00	31.01 1.26 0.00	39.75 2.27 0.00	43.68 2.68 0.00	41.69 2.54 0.00	39.29 2.22 0.00	39.65 2.30 0.00	33.10 1.79 0.00	45.07 1.54 -13.31	35.19 1.96 0.00	39.50 2.27 0.00	39.03 2.58 0.00	35.53 2.62 0.00	50.76 3.80 0.00	37.74 2.87 0.00	31.02 2.23 0.00	34.43 2.37 0.00	32.62 1.96 0.00	34.29 1.65 0.00	34.03 1.26 0.00

KIAC_JFK____ 323774	24.74 0.89 0.00	24.75 0.84 0.00	25.08 0.83 0.00	26.33 0.81 0.00	25.42 0.82 0.00	31.01 1.26 0.00	39.75 2.27 0.00	43.68 2.68 0.00	41.69 2.55 0.00	39.29 2.22 0.00	39.66 2.30 0.00	33.11 1.79 0.00	45.07 1.54 -13.31	35.19 1.96 0.00	39.50 2.26 0.00	39.03 2.58 0.00	35.53 2.62 0.00	50.76 3.80 0.00	37.74 2.87 0.00	31.02 2.23 0.00	34.43 2.37 0.00	32.62 1.96 0.00	34.29 1.64 0.00	34.03 1.26 0.00
KINTIGH____ 23543	22.29 -1.56 0.00	22.30 -1.59 0.00	22.66 -1.58 0.00	23.90 -1.62 0.00	23.24 -1.36 0.00	28.52 -1.24 0.00	35.79 -1.69 0.00	38.82 -2.18 0.00	37.32 -1.82 0.00	35.75 -1.33 0.00	36.21 -1.15 0.00	30.42 -0.89 0.00	29.40 -0.83 0.00	32.35 -0.88 0.00	36.15 -1.09 0.00	35.17 -1.28 0.00	31.68 -1.23 0.00	45.06 -1.90 0.00	33.56 -1.31 0.00	27.76 -1.03 0.00	30.90 -1.16 0.00	29.38 -1.28 0.00	31.07 -1.57 0.00	31.68 -1.10 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.65 0.80 0.00	24.80 0.90 0.00	25.29 1.04 0.00	26.81 1.29 0.00	25.62 1.02 0.00	30.32 0.57 0.00	37.50 0.02 0.00	41.59 0.60 0.00	39.73 0.58 0.00	37.83 0.76 0.00	38.64 1.29 0.00	32.66 1.34 0.00	31.56 1.33 0.00	34.87 1.64 0.00	39.03 1.79 0.00	38.27 1.82 0.00	34.22 1.31 0.00	48.60 1.63 0.00	36.09 1.22 0.00	30.04 1.25 0.00	33.42 1.36 0.00	32.19 1.52 0.00	34.38 1.74 0.00	34.94 2.16 0.00
LACHUTE____HYDRO 323717	25.99 2.15 0.00	26.06 2.16 0.00	26.46 2.21 0.00	27.62 2.10 0.00	26.31 1.71 0.00	32.05 2.30 0.00	40.66 3.19 0.00	45.41 4.41 0.00	43.10 3.96 0.00	40.77 3.69 0.00	40.92 3.56 0.00	33.79 2.48 0.00	32.58 2.36 0.00	36.06 2.83 0.00	40.27 3.04 0.00	39.79 3.35 0.00	36.36 3.45 0.00	51.91 4.95 0.00	38.08 3.21 0.00	31.43 2.63 0.00	34.71 2.65 0.00	32.60 1.93 0.00	34.54 1.89 0.00	34.44 1.66 0.00
LAWRNCV_115KV_TB1 80681	24.18 0.32 0.00	24.24 0.34 0.00	24.66 0.42 0.00	26.09 0.57 0.00	25.15 0.55 0.00	30.22 0.47 0.00	37.29 -0.19 0.00	40.87 -0.12 0.00	39.05 -0.09 0.00	37.09 0.01 0.00	37.66 0.31 0.00	31.74 0.42 0.00	30.67 0.44 0.00	33.55 0.33 0.00	37.60 0.36 0.00	36.34 -0.10 0.00	32.49 -0.42 0.00	46.32 -0.64 0.00	34.34 -0.53 0.00	28.46 -0.33 0.00	31.88 -0.18 0.00	31.03 0.36 0.00	33.39 0.75 0.00	33.79 1.02 0.00
LEDERLE____ 23769	24.77 0.92 0.00	24.74 0.84 0.00	25.03 0.78 0.00	26.29 0.77 0.00	25.36 0.76 0.00	30.87 1.12 0.00	39.55 2.07 0.00	43.51 2.52 0.00	41.44 2.30 0.00	39.08 2.00 0.00	39.44 2.09 0.00	32.90 1.58 0.00	36.85 1.29 -5.33	34.92 1.69 0.00	39.18 1.95 0.00	38.66 2.21 0.00	35.19 2.28 0.00	50.35 3.38 0.00	37.42 2.55 0.00	30.77 1.98 0.00	34.17 2.12 0.00	32.41 1.74 0.00	34.09 1.45 0.00	33.85 1.08 0.00
LIGHTHSE_115KV_TB6 355974	22.94 -0.91 0.00	22.96 -0.94 0.00	23.29 -0.96 0.00	24.63 -0.90 0.00	23.82 -0.78 0.00	28.86 -0.89 0.00	36.39 -1.09 0.00	39.84 -1.16 0.00	38.14 -1.01 0.00	36.36 -0.72 0.00	36.69 -0.66 0.00	30.84 -0.48 0.00	29.77 -0.46 0.00	32.75 -0.48 0.00	36.58 -0.65 0.00	35.97 -0.47 0.00	32.61 -0.30 0.00	46.58 -0.38 0.00	34.64 -0.23 0.00	28.59 -0.20 0.00	31.71 -0.35 0.00	30.29 -0.37 0.00	32.13 -0.52 0.00	32.08 -0.69 0.00
LINDEN COGEN____ 23786	24.63 0.78 0.00	24.60 0.70 0.00	24.93 0.68 0.00	26.16 0.64 0.00	25.24 0.65 0.00	30.80 1.05 0.00	39.54 2.06 0.00	43.44 2.44 0.00	41.41 2.27 0.00	39.04 1.98 0.00	39.44 2.09 0.00	32.92 1.60 0.00	33.57 1.33 -2.02	35.01 1.78 0.00	39.27 2.04 0.00	38.80 2.35 0.00	35.27 2.37 0.00	50.37 3.41 0.00	37.47 2.60 0.00	30.77 1.98 0.00	34.19 2.13 0.00	32.42 1.76 0.00	34.10 1.45 0.00	33.83 1.05 0.00
LINDHRST_69_KV_BK1 356055	25.93 1.63 -0.45	25.33 1.43 0.00	25.74 1.49 0.00	26.88 1.36 0.00	26.04 1.44 0.00	31.77 2.02 0.00	40.89 3.41 0.00	44.99 4.00 0.00	42.80 3.65 0.00	40.22 3.14 0.00	40.77 3.42 0.00	34.08 2.76 0.00	45.74 2.30 -13.22	36.25 3.02 0.00	40.79 3.55 0.00	40.70 3.90 -0.35	49.64 3.82 -12.91	60.28 5.60 -7.72	56.50 4.19 -17.44	48.00 3.31 -15.91	42.33 3.53 -6.74	33.84 3.15 -0.02	35.56 2.91 0.00	35.10 2.32 0.00
LIPA_MISC_IPP 23656	24.47 1.75 1.13	25.40 1.50 0.00	25.82 1.57 0.00	26.95 1.44 0.00	26.13 1.53 0.00	31.93 2.18 0.00	41.14 3.67 0.00	45.27 4.27 0.00	43.01 3.87 0.00	40.32 3.25 0.00	40.81 3.45 0.00	34.10 2.78 0.00	45.78 2.34 -13.22	36.31 3.08 0.00	40.97 3.74 0.00	40.90 4.14 -0.32	48.63 4.04 -11.69	59.90 5.94 -6.99	55.11 4.45 -15.78	46.52 3.49 -14.24	41.85 3.73 -6.07	34.04 3.35 -0.02	35.75 3.11 0.00	35.25 2.47 0.00
LISF____SOLAR 323691	24.53 1.79 1.11	25.44 1.54 0.00	25.85 1.60 0.00	26.98 1.46 0.00	26.16 1.57 0.00	31.97 2.22 0.00	41.21 3.73 0.00	45.33 4.34 0.00	43.07 3.93 0.00	40.36 3.28 0.00	40.85 3.49 0.00	34.12 2.81 0.00	45.80 2.36 -13.22	36.34 3.11 0.00	41.03 3.79 0.00	40.97 4.21 -0.32	48.73 4.12 -11.70	60.03 6.06 -7.00	55.21 4.54 -15.80	46.60 3.54 -14.26	41.92 3.79 -6.07	34.11 3.42 -0.02	35.81 3.16 0.00	35.31 2.53 0.00
LITTLE FALLS____HYD 24013	23.95 0.10 0.00	23.92 0.02 0.00	24.15 -0.09 0.00	25.25 -0.27 0.00	24.29 -0.31 0.00	29.35 -0.40 0.00	37.50 0.02 0.00	41.62 0.62 0.00	39.59 0.45 0.00	37.26 0.18 0.00	37.25 -0.10 0.00	31.05 -0.26 0.00	30.01 -0.22 0.00	33.29 0.06 0.00	37.26 0.03 0.00	36.92 0.47 0.00	33.75 0.84 0.00	48.18 1.22 0.00	35.69 0.82 0.00	29.41 0.62 0.00	32.73 0.67 0.00	30.90 0.23 0.00	32.47 -0.17 0.00	32.18 -0.60 0.00
LITTLRIV_115KV_TB1 356100	24.45 0.60 0.00	24.53 0.63 0.00	24.96 0.71 0.00	26.40 0.88 0.00	25.46 0.86 0.00	30.61 0.86 0.00	37.89 0.41 0.00	41.57 0.58 0.00	39.72 0.57 0.00	37.70 0.63 0.00	38.32 0.96 0.00	32.29 0.97 0.00	31.22 0.99 0.00	34.13 0.90 0.00	38.22 0.99 0.00	36.94 0.49 0.00	33.03 0.12 0.00	47.13 0.16 0.00	34.90 0.02 0.00	28.92 0.13 0.00	32.38 0.32 0.00	31.49 0.82 0.00	33.87 1.22 0.00	34.23 1.46 0.00
LI_NEWBRDGE____DRP 323616	23.09 1.22 1.97	24.95 1.05 0.00	25.35 1.10 0.00	26.50 0.98 0.00	25.65 1.05 0.00	31.28 1.53 0.00	40.18 2.71 0.00	44.18 3.19 0.00	42.05 2.91 0.00	39.58 2.51 0.00	40.09 2.74 0.00	33.48 2.17 0.00	45.24 1.80 -13.22	35.64 2.41 0.00	40.05 2.81 0.00	39.86 3.12 -0.30	46.92 3.05 -10.96	57.96 4.44 -6.57	53.00 3.32 -14.80	44.65 2.60 -13.25	40.52 2.79 -5.67	33.11 2.43 -0.02	34.84 2.20 0.00	34.44 1.66 0.00
LOCKPORT_115KV_TB60_63_64 80432	22.32 -1.54 0.00	22.33 -1.57 0.00	22.70 -1.55 0.00	23.95 -1.57 0.00	23.33 -1.28 0.00	28.75 -1.01 0.00	36.01 -1.47 0.00	38.79 -2.21 0.00	37.43 -1.72 0.00	35.97 -1.11 0.00	36.41 -0.95 0.00	30.62 -0.70 0.00	29.60 -0.63 0.00	32.55 -0.68 0.00	36.35 -0.88 0.00	35.34 -1.11 0.00	31.85 -1.06 0.00	45.21 -1.75 0.00	33.75 -1.13 0.00	27.94 -0.85 0.00	31.07 -0.98 0.00	29.53 -1.14 0.00	31.18 -1.47 0.00	31.90 -0.88 0.00

LOCKPORT___CC1 323769	22.28 -1.57 0.00	22.30 -1.60 0.00	22.67 -1.57 0.00	23.93 -1.59 0.00	22.70 -1.30 0.60	28.71 -1.04 0.00	35.96 -1.51 0.00	38.75 -2.25 0.00	37.39 -1.75 0.00	35.94 -1.14 0.00	36.34 -1.02 0.00	30.59 -0.72 0.00	23.63 -0.64 5.95	31.31 -0.68 1.24	36.12 -0.92 0.20	35.32 -1.13 0.00	30.84 -1.09 0.98	45.17 -1.79 0.00	33.71 -1.16 0.00	27.11 -0.87 0.80	27.32 -0.99 3.75	29.01 -1.15 0.51	31.16 -1.48 0.00	28.89 -0.88 3.01
LOCKPORT___CC2 323770	22.28 -1.57 0.00	22.30 -1.60 0.00	22.67 -1.57 0.00	23.93 -1.59 0.00	22.70 -1.30 0.60	28.71 -1.04 0.00	35.96 -1.51 0.00	38.75 -2.25 0.00	37.39 -1.75 0.00	35.94 -1.14 0.00	36.34 -1.02 0.00	30.59 -0.72 0.00	23.63 -0.64 5.95	31.31 -0.68 1.24	36.12 -0.92 0.20	35.32 -1.13 0.00	30.84 -1.09 0.98	45.17 -1.79 0.00	33.71 -1.16 0.00	27.11 -0.87 0.80	27.32 -0.99 3.75	29.01 -1.15 0.51	31.16 -1.48 0.00	28.89 -0.88 3.01
LOCKPORT___CC3 323771	22.28 -1.57 0.00	22.30 -1.60 0.00	22.67 -1.57 0.00	23.93 -1.59 0.00	22.70 -1.30 0.60	28.71 -1.04 0.00	35.96 -1.51 0.00	38.75 -2.25 0.00	37.39 -1.75 0.00	35.94 -1.14 0.00	36.34 -1.02 0.00	30.59 -0.72 0.00	23.63 -0.64 5.95	31.31 -0.68 1.24	36.12 -0.92 0.20	35.32 -1.13 0.00	30.84 -1.09 0.98	45.17 -1.79 0.00	33.71 -1.16 0.00	27.11 -0.87 0.80	27.32 -0.99 3.75	29.01 -1.15 0.51	31.16 -1.48 0.00	28.89 -0.88 3.01
LONG_LAKE_PHOENIX 24014	23.23 -0.62 0.00	23.26 -0.64 0.00	23.59 -0.66 0.00	24.82 -0.70 0.00	23.96 -0.64 0.00	29.04 -0.71 0.00	36.70 -0.78 0.00	40.03 -0.97 0.00	38.22 -0.93 0.00	36.29 -0.78 0.00	36.59 -0.77 0.00	30.67 -0.65 0.00	29.61 -0.61 0.00	32.61 -0.62 0.00	36.50 -0.74 0.00	35.81 -0.64 0.00	32.44 -0.47 0.00	46.29 -0.67 0.00	34.43 -0.44 0.00	28.40 -0.40 0.00	31.54 -0.52 0.00	30.04 -0.62 0.00	31.83 -0.82 0.00	32.00 -0.78 0.00
LOVETT___3 23632	24.67 0.82 0.00	24.64 0.74 0.00	24.93 0.68 0.00	26.18 0.66 0.00	25.25 0.65 0.00	30.73 0.98 0.00	39.36 1.88 0.00	43.30 2.31 0.00	41.24 2.09 0.00	38.88 1.81 0.00	39.24 1.88 0.00	32.73 1.41 0.00	47.23 1.13 -15.87	34.74 1.52 0.00	38.98 1.75 0.00	38.46 2.02 0.00	35.00 2.09 0.00	50.07 3.11 0.00	37.21 2.34 0.00	30.60 1.81 0.00	33.99 1.93 0.00	32.24 1.58 0.00	33.93 1.29 0.00	33.69 0.92 0.00
LOVETT___4 23642	24.67 0.82 0.00	24.64 0.74 0.00	24.93 0.68 0.00	26.18 0.66 0.00	25.25 0.65 0.00	30.73 0.98 0.00	39.36 1.88 0.00	43.30 2.31 0.00	41.24 2.09 0.00	38.88 1.81 0.00	39.24 1.88 0.00	32.73 1.41 0.00	47.23 1.13 -15.87	34.74 1.52 0.00	38.98 1.75 0.00	38.46 2.02 0.00	35.00 2.09 0.00	50.07 3.11 0.00	37.21 2.34 0.00	30.60 1.81 0.00	33.99 1.93 0.00	32.24 1.58 0.00	33.93 1.29 0.00	33.69 0.92 0.00
LOVETT___5 23593	24.67 0.82 0.00	24.64 0.74 0.00	24.93 0.68 0.00	26.18 0.66 0.00	25.25 0.65 0.00	30.73 0.98 0.00	39.36 1.88 0.00	43.30 2.31 0.00	41.24 2.09 0.00	38.88 1.81 0.00	39.24 1.88 0.00	32.73 1.41 0.00	47.23 1.13 -15.87	34.74 1.52 0.00	38.98 1.75 0.00	38.46 2.02 0.00	35.00 2.09 0.00	50.07 3.11 0.00	37.21 2.34 0.00	30.60 1.81 0.00	33.99 1.93 0.00	32.24 1.58 0.00	33.93 1.29 0.00	33.69 0.92 0.00
LOWER RAQUET___HYD 24057	24.12 0.26 0.00	24.19 0.29 0.00	24.61 0.37 0.00	26.05 0.54 0.00	25.11 0.51 0.00	30.14 0.38 0.00	37.16 -0.32 0.00	40.77 -0.23 0.00	38.95 -0.19 0.00	37.01 -0.07 0.00	37.64 0.29 0.00	31.74 0.42 0.00	30.67 0.44 0.00	33.55 0.32 0.00	37.57 0.34 0.00	36.27 -0.18 0.00	32.41 -0.50 0.00	46.21 -0.75 0.00	34.26 -0.61 0.00	28.40 -0.39 0.00	31.83 -0.23 0.00	31.03 0.36 0.00	33.40 0.76 0.00	33.79 1.02 0.00
LOWER___HUDSON 24059	24.90 1.04 0.00	24.94 1.05 0.00	25.27 1.02 0.00	26.46 0.94 0.00	25.46 0.86 0.00	30.70 0.95 0.00	38.97 1.49 0.00	42.96 1.96 0.00	40.82 1.67 0.00	38.52 1.44 0.00	38.81 1.45 0.00	32.33 1.02 0.00	31.20 0.97 0.00	34.49 1.27 0.00	38.63 1.40 0.00	38.11 1.67 0.00	34.43 1.52 0.00	49.29 2.33 0.00	36.48 1.61 0.00	30.08 1.29 0.00	33.57 1.51 0.00	31.78 1.12 0.00	33.60 0.96 0.00	33.56 0.79 0.00
LOWVILLE_115KV_TB2 356335	22.90 -0.95 0.00	22.87 -1.02 0.00	23.28 -0.96 0.00	24.97 -0.54 0.00	24.27 -0.33 0.00	29.38 -0.37 0.00	36.86 -0.62 0.00	40.76 -0.24 0.00	39.06 -0.09 0.00	37.35 0.28 0.00	37.75 0.39 0.00	31.88 0.57 0.00	30.71 0.48 0.00	33.76 0.53 0.00	37.47 0.24 0.00	36.99 0.54 0.00	33.63 0.72 0.00	48.01 1.05 0.00	35.67 0.79 0.00	29.51 0.71 0.00	32.81 0.75 0.00	31.32 0.66 0.00	33.29 0.64 0.00	33.31 0.53 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.21 1.36 0.00	25.27 1.37 0.00	25.59 1.35 0.00	26.80 1.28 0.00	25.74 1.14 0.00	31.03 1.28 0.00	39.43 1.95 0.00	43.50 2.50 0.00	41.33 2.19 0.00	39.03 1.95 0.00	39.31 1.95 0.00	32.69 1.38 0.00	31.53 1.31 0.00	34.81 1.58 0.00	39.00 1.76 0.00	38.44 2.00 0.00	34.83 1.92 0.00	49.86 2.90 0.00	36.92 2.04 0.00	30.42 1.63 0.00	33.92 1.86 0.00	32.12 1.45 0.00	33.95 1.31 0.00	33.92 1.14 0.00
LUTHERNY_35_KV_BK2 355980	25.23 1.38 0.00	25.28 1.39 0.00	25.61 1.36 0.00	26.83 1.31 0.00	25.75 1.15 0.00	31.06 1.30 0.00	39.48 2.00 0.00	43.53 2.54 0.00	41.36 2.22 0.00	39.06 1.98 0.00	39.34 1.98 0.00	32.72 1.40 0.00	31.54 1.31 0.00	34.82 1.59 0.00	39.03 1.80 0.00	38.45 2.00 0.00	34.83 1.93 0.00	49.90 2.93 0.00	36.94 2.07 0.00	30.46 1.67 0.00	33.95 1.89 0.00	32.13 1.46 0.00	33.99 1.35 0.00	33.95 1.17 0.00
LWR___OSWEGATCHIE_HYD 23850	23.30 -0.55 0.00	23.33 -0.57 0.00	23.73 -0.51 0.00	25.26 -0.25 0.00	24.44 -0.16 0.00	29.46 -0.29 0.00	36.64 -0.84 0.00	40.33 -0.66 0.00	38.61 -0.54 0.00	36.80 -0.27 0.00	37.33 -0.03 0.00	31.48 0.17 0.00	30.39 0.16 0.00	33.32 0.09 0.00	37.16 -0.08 0.00	36.27 -0.18 0.00	32.70 -0.21 0.00	46.67 -0.29 0.00	34.63 -0.24 0.00	28.68 -0.11 0.00	32.01 -0.05 0.00	30.88 0.22 0.00	33.03 0.39 0.00	33.23 0.45 0.00
LYONS_FALL_HYD 23570	23.38 -0.46 0.00	23.38 -0.52 0.00	23.77 -0.47 0.00	25.32 -0.20 0.00	24.53 -0.07 0.00	29.73 -0.02 0.00	37.48 0.00 0.00	41.31 0.32 0.00	39.55 0.40 0.00	37.71 0.64 0.00	38.07 0.72 0.00	32.04 0.73 0.00	30.89 0.66 0.00	33.98 0.75 0.00	37.84 0.61 0.00	37.26 0.81 0.00	33.83 0.92 0.00	48.26 1.30 0.00	35.85 0.98 0.00	29.63 0.84 0.00	32.95 0.89 0.00	31.43 0.76 0.00	33.36 0.72 0.00	33.38 0.60 0.00
MADISON___COUNTY_LFGE 323628	24.08 0.23 0.00	24.12 0.22 0.00	24.48 0.24 0.00	25.85 0.33 0.00	24.95 0.35 0.00	30.29 0.54 0.00	38.49 1.01 0.00	42.24 1.25 0.00	40.40 1.25 0.00	38.40 1.32 0.00	38.79 1.43 0.00	32.44 1.13 0.00	31.30 1.07 0.00	34.47 1.25 0.00	38.51 1.27 0.00	37.83 1.38 0.00	34.29 1.38 0.00	48.80 1.84 0.00	36.25 1.37 0.00	29.89 1.10 0.00	33.24 1.18 0.00	31.65 0.98 0.00	33.50 0.86 0.00	33.50 0.72 0.00

MALONE___115KV_TB1 356076	24.57 0.72 0.00	24.70 0.80 0.00	25.19 0.94 0.00	26.69 1.17 0.00	25.58 0.99 0.00	30.43 0.68 0.00	37.66 0.18 0.00	41.56 0.56 0.00	39.74 0.59 0.00	37.82 0.74 0.00	38.54 1.18 0.00	32.57 1.25 0.00	31.48 1.25 0.00	34.62 1.39 0.00	38.82 1.58 0.00	37.83 1.38 0.00	33.83 0.92 0.00	48.20 1.24 0.00	35.77 0.89 0.00	29.70 0.91 0.00	33.14 1.08 0.00	32.01 1.34 0.00	34.28 1.63 0.00	34.70 1.92 0.00
MAPLEWOD_115KV_TB3 80458	24.70 0.86 0.00	24.77 0.87 0.00	25.07 0.83 0.00	26.25 0.73 0.00	25.30 0.70 0.00	30.51 0.76 0.00	38.73 1.25 0.00	42.67 1.67 0.00	40.59 1.44 0.00	38.32 1.24 0.00	38.62 1.26 0.00	32.21 0.90 0.00	31.09 0.86 0.00	34.38 1.15 0.00	38.51 1.27 0.00	37.96 1.52 0.00	34.31 1.41 0.00	49.09 2.13 0.00	36.37 1.50 0.00	29.99 1.20 0.00	33.42 1.36 0.00	31.68 1.01 0.00	33.47 0.83 0.00	33.42 0.64 0.00
MAPLE_RIDGE_WT_1 323574	23.26 -0.59 0.00	23.27 -0.62 0.00	23.83 -0.42 0.00	25.45 -0.07 0.00	24.51 -0.09 0.00	29.52 -0.23 0.00	36.96 -0.52 0.00	40.51 -0.48 0.00	38.72 -0.42 0.00	36.83 -0.25 0.00	37.17 -0.19 0.00	31.21 -0.10 0.00	30.14 -0.08 0.00	33.11 -0.12 0.00	37.06 -0.17 0.00	36.19 -0.26 0.00	32.62 -0.30 0.00	46.60 -0.36 0.00	34.61 -0.26 0.00	28.62 -0.17 0.00	31.90 -0.15 0.00	30.64 -0.03 0.00	32.74 0.09 0.00	32.94 0.16 0.00
MAPLE_RIDGE_WT_2 323611	23.26 -0.59 0.00	23.27 -0.62 0.00	23.83 -0.42 0.00	25.45 -0.07 0.00	24.51 -0.09 0.00	29.52 -0.23 0.00	36.96 -0.52 0.00	40.51 -0.48 0.00	38.72 -0.42 0.00	36.83 -0.25 0.00	37.17 -0.19 0.00	31.21 -0.10 0.00	30.14 -0.08 0.00	33.11 -0.12 0.00	37.06 -0.17 0.00	36.19 -0.26 0.00	32.62 -0.30 0.00	46.60 -0.36 0.00	34.61 -0.26 0.00	28.62 -0.17 0.00	31.90 -0.15 0.00	30.64 -0.03 0.00	32.74 0.09 0.00	32.94 0.16 0.00
MARBLE_RIVER_WT_PWR 323696	24.30 0.45 0.00	24.46 0.56 0.00	24.97 0.73 0.00	26.51 0.99 0.00	25.35 0.75 0.00	29.96 0.21 0.00	37.02 -0.46 0.00	40.88 -0.12 0.00	39.10 -0.05 0.00	37.21 0.13 0.00	37.98 0.62 0.00	32.12 0.81 0.00	31.05 0.83 0.00	34.26 1.03 0.00	38.38 1.15 0.00	37.55 1.10 0.00	33.58 0.67 0.00	47.80 0.84 0.00	35.47 0.59 0.00	29.51 0.71 0.00	32.86 0.80 0.00	31.68 1.01 0.00	33.90 1.26 0.00	34.41 1.63 0.00
MARSHVLE_115KV_TB1 80742	24.85 1.00 0.00	24.74 0.84 0.00	25.11 0.87 0.00	26.60 1.08 0.00	25.75 1.15 0.00	31.19 1.44 0.00	39.49 2.01 0.00	43.08 2.09 0.00	41.33 2.18 0.00	39.23 2.15 0.00	39.49 2.14 0.00	33.10 1.78 0.00	32.05 1.82 0.00	35.17 1.94 0.00	39.43 2.20 0.00	38.56 2.12 0.00	34.98 2.07 0.00	49.87 2.91 0.00	37.03 2.16 0.00	30.64 1.85 0.00	33.90 1.85 0.00	32.40 1.74 0.00	34.50 1.86 0.00	34.78 2.00 0.00
MARSH_HILL_WT_PWR 323713	21.38 -2.46 0.00	21.35 -2.54 0.00	21.65 -2.60 0.00	22.85 -2.67 0.00	22.38 -2.37 -0.16	27.57 -2.18 0.00	35.23 -2.25 0.00	38.69 -2.31 0.00	37.33 -1.81 0.00	35.84 -1.24 0.00	36.21 -1.15 0.00	30.77 -0.55 0.00	31.59 -0.25 -1.62	33.63 0.07 -0.34	37.12 -0.17 -0.05	35.90 -0.55 0.00	32.60 -0.57 -0.26	46.46 -0.50 0.00	34.69 -0.18 0.00	28.90 -0.10 -0.21	32.83 -0.25 -1.02	30.37 -0.44 -0.14	31.75 -0.89 0.00	33.21 -0.37 -0.80
MCINTYRE_115KV_TB2 80467	24.66 0.81 0.00	24.74 0.84 0.00	25.17 0.92 0.00	26.60 1.09 0.00	25.67 1.07 0.00	30.91 1.16 0.00	38.34 0.86 0.00	42.03 1.04 0.00	40.14 0.99 0.00	38.07 1.00 0.00	38.62 1.27 0.00	32.54 1.23 0.00	31.47 1.24 0.00	34.38 1.15 0.00	38.52 1.29 0.00	37.29 0.84 0.00	33.36 0.45 0.00	47.61 0.65 0.00	35.24 0.36 0.00	29.20 0.40 0.00	32.66 0.60 0.00	31.71 1.04 0.00	34.09 1.44 0.00	34.45 1.67 0.00
MECO___69_KV_BK1 80468	25.91 2.06 0.00	25.85 1.95 0.00	26.17 1.93 0.00	27.68 2.16 0.00	26.78 2.18 0.00	32.45 2.70 0.00	41.48 4.00 0.00	45.50 4.51 0.00	43.46 4.31 0.00	40.90 3.82 0.00	40.89 3.54 0.00	34.10 2.79 0.00	32.99 2.76 0.00	36.51 3.28 0.00	41.05 3.82 0.00	40.48 4.03 0.00	36.99 4.08 0.00	52.89 5.93 0.00	39.25 4.38 0.00	32.39 3.60 0.00	35.86 3.80 0.00	34.07 3.40 0.00	36.02 3.38 0.00	36.06 3.28 0.00
MENANDS___115KV_TB5 355628	24.59 0.74 0.00	24.66 0.76 0.00	24.96 0.72 0.00	26.13 0.61 0.00	25.18 0.58 0.00	30.35 0.60 0.00	38.51 1.03 0.00	42.42 1.43 0.00	40.34 1.19 0.00	38.07 1.00 0.00	38.38 1.03 0.00	32.03 0.71 0.00	30.91 0.69 0.00	34.18 0.95 0.00	38.29 1.05 0.00	37.75 1.30 0.00	34.10 1.19 0.00	48.78 1.82 0.00	36.13 1.26 0.00	29.80 1.01 0.00	33.22 1.16 0.00	31.48 0.82 0.00	33.28 0.63 0.00	33.23 0.45 0.00
MG INDUSTRY___DRP 24185	24.65 0.80 0.00	24.74 0.84 0.00	25.05 0.81 0.00	26.26 0.74 0.00	25.30 0.70 0.00	30.52 0.77 0.00	38.69 1.21 0.00	42.57 1.57 0.00	40.50 1.35 0.00	38.23 1.15 0.00	38.50 1.15 0.00	32.14 0.82 0.00	31.03 0.80 0.00	34.28 1.05 0.00	38.40 1.16 0.00	37.82 1.38 0.00	34.17 1.26 0.00	48.83 1.87 0.00	36.20 1.33 0.00	29.86 1.07 0.00	33.28 1.22 0.00	31.57 0.91 0.00	33.40 0.76 0.00	33.39 0.61 0.00
MID___OSWEGATCHIE_HYD 23849	23.30 -0.55 0.00	23.33 -0.57 0.00	23.73 -0.51 0.00	25.26 -0.25 0.00	24.44 -0.16 0.00	29.46 -0.29 0.00	36.64 -0.84 0.00	40.33 -0.66 0.00	38.61 -0.54 0.00	36.80 -0.27 0.00	37.33 -0.03 0.00	31.48 0.17 0.00	30.39 0.16 0.00	33.32 0.09 0.00	37.16 -0.08 0.00	36.27 -0.18 0.00	32.70 -0.21 0.00	46.67 -0.29 0.00	34.63 -0.24 0.00	28.68 -0.11 0.00	32.01 -0.05 0.00	30.88 0.22 0.00	33.03 0.39 0.00	33.23 0.45 0.00
MID___RAQUETTE_HYD 23851	24.12 0.26 0.00	24.19 0.29 0.00	24.61 0.37 0.00	26.06 0.54 0.00	25.12 0.52 0.00	30.14 0.39 0.00	37.16 -0.32 0.00	40.77 -0.23 0.00	38.95 -0.19 0.00	37.01 -0.07 0.00	37.64 0.29 0.00	31.74 0.42 0.00	30.66 0.43 0.00	33.55 0.32 0.00	37.57 0.34 0.00	36.27 -0.18 0.00	32.41 -0.50 0.00	46.21 -0.75 0.00	34.26 -0.61 0.00	28.40 -0.40 0.00	31.83 -0.23 0.00	31.03 0.36 0.00	33.40 0.76 0.00	33.79 1.02 0.00
MILLIKEN___1 23584	23.88 0.03 0.00	23.94 0.04 0.00	24.25 0.01 0.00	25.55 0.04 0.00	24.68 0.07 0.00	30.00 0.25 0.00	38.04 0.56 0.00	41.67 0.68 0.00	39.82 0.68 0.00	37.88 0.81 0.00	38.13 0.77 0.00	31.94 0.63 0.00	30.81 0.59 0.00	33.98 0.75 0.00	38.13 0.90 0.00	37.42 0.97 0.00	33.97 1.06 0.00	48.53 1.57 0.00	36.03 1.16 0.00	29.70 0.91 0.00	32.94 0.89 0.00	31.28 0.61 0.00	33.06 0.42 0.00	33.28 0.50 0.00
MILLIKEN___2 23585	23.88 0.03 0.00	23.94 0.04 0.00	24.25 0.01 0.00	25.55 0.04 0.00	24.68 0.07 0.00	30.00 0.25 0.00	38.04 0.56 0.00	41.67 0.68 0.00	39.82 0.68 0.00	37.88 0.81 0.00	38.13 0.77 0.00	31.94 0.63 0.00	30.81 0.59 0.00	33.98 0.75 0.00	38.13 0.90 0.00	37.42 0.97 0.00	33.97 1.06 0.00	48.53 1.57 0.00	36.03 1.16 0.00	29.70 0.91 0.00	32.94 0.89 0.00	31.28 0.61 0.00	33.06 0.42 0.00	33.28 0.50 0.00

MILLIKEN___DIESEL 23629	23.88 0.03 0.00	23.94 0.04 0.00	24.25 0.01 0.00	25.55 0.04 0.00	24.68 0.07 0.00	30.00 0.25 0.00	38.04 0.56 0.00	41.67 0.68 0.00	39.82 0.68 0.00	37.88 0.81 0.00	38.13 0.77 0.00	31.94 0.63 0.00	30.81 0.59 0.00	33.98 0.75 0.00	38.13 0.90 0.00	37.42 0.97 0.00	33.97 1.06 0.00	48.53 1.57 0.00	36.03 1.16 0.00	29.70 0.91 0.00	32.94 0.89 0.00	31.28 0.61 0.00	33.06 0.42 0.00	33.28 0.50 0.00
MILLSEAT___LFGE 323607	22.76 -1.09 0.00	22.77 -1.13 0.00	23.14 -1.11 0.00	24.43 -1.09 0.00	23.23 -0.83 0.54	29.29 -0.46 0.00	36.84 -0.64 0.00	39.83 -1.16 0.00	38.41 -0.74 0.00	36.88 -0.20 0.00	37.25 -0.10 0.00	31.32 0.00 0.00	24.86 0.02 5.39	32.21 0.10 1.12	37.06 0.00 0.18	36.26 -0.19 0.00	31.85 -0.18 0.88	46.52 -0.44 0.00	34.70 -0.17 0.00	27.97 -0.09 0.73	28.50 -0.16 3.39	29.81 -0.39 0.46	31.90 -0.74 0.00	29.81 -0.24 2.73
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.74 0.89 0.00	24.73 0.83 0.00	25.07 0.82 0.00	26.31 0.79 0.00	25.39 0.78 0.00	30.93 1.18 0.00	39.61 2.13 0.00	43.58 2.59 0.00	41.53 2.38 0.00	39.15 2.08 0.00	39.51 2.16 0.00	32.97 1.65 0.00	46.61 1.40 -14.98	35.06 1.83 0.00	39.32 2.09 0.00	38.83 2.38 0.00	35.31 2.40 0.00	50.47 3.51 0.00	37.52 2.65 0.00	30.83 2.04 0.00	34.25 2.20 0.00	32.48 1.82 0.00	34.18 1.54 0.00	33.93 1.15 0.00
MILLWOOD_13_KV_LOAD 356217	24.79 0.94 0.00	24.78 0.88 0.00	25.12 0.87 0.00	26.36 0.84 0.00	25.44 0.84 0.00	31.00 1.25 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.63 2.49 0.00	39.25 2.18 0.00	39.61 2.26 0.00	33.06 1.74 0.00	46.70 1.49 -14.98	35.15 1.93 0.00	39.43 2.20 0.00	38.94 2.49 0.00	35.41 2.50 0.00	50.62 3.66 0.00	37.63 2.76 0.00	30.93 2.14 0.00	34.35 2.29 0.00	32.57 1.90 0.00	34.26 1.62 0.00	34.00 1.23 0.00
MODEL_CITY_ENERGY 24167	22.10 -1.75 0.00	22.12 -1.78 0.00	22.48 -1.76 0.00	23.72 -1.80 0.00	22.47 -1.50 0.63	28.46 -1.29 0.00	35.61 -1.87 0.00	38.25 -2.75 0.00	36.92 -2.23 0.00	35.50 -1.58 0.00	35.92 -1.44 0.00	30.21 -1.11 0.00	22.90 -1.03 6.30	30.79 -1.13 1.31	35.64 -1.39 0.21	34.86 -1.59 0.00	30.34 -1.53 1.03	44.53 -2.43 0.00	33.26 -1.62 0.00	26.70 -1.24 0.85	26.67 -1.42 3.97	28.59 -1.54 0.54	30.77 -1.87 0.00	28.30 -1.29 3.19
MODERN_LFGE___ 323580	22.10 -1.75 0.00	22.12 -1.78 0.00	22.48 -1.76 0.00	23.72 -1.80 0.00	22.47 -1.50 0.63	28.46 -1.29 0.00	35.61 -1.87 0.00	38.25 -2.75 0.00	36.92 -2.23 0.00	35.50 -1.58 0.00	35.92 -1.44 0.00	30.21 -1.11 0.00	22.90 -1.03 6.30	30.79 -1.13 1.31	35.64 -1.39 0.21	34.86 -1.59 0.00	30.34 -1.53 1.03	44.53 -2.43 0.00	33.26 -1.62 0.00	26.70 -1.24 0.85	26.67 -1.42 3.97	28.59 -1.54 0.54	30.77 -1.87 0.00	28.30 -1.29 3.19
MOHAWK_PAPER___DRP 24187	24.70 0.86 0.00	24.77 0.87 0.00	25.07 0.83 0.00	26.25 0.73 0.00	25.30 0.70 0.00	30.51 0.76 0.00	38.73 1.25 0.00	42.67 1.67 0.00	40.59 1.44 0.00	38.32 1.24 0.00	38.62 1.26 0.00	32.21 0.90 0.00	31.09 0.86 0.00	34.38 1.15 0.00	38.51 1.27 0.00	37.96 1.52 0.00	34.31 1.41 0.00	49.09 2.13 0.00	36.37 1.50 0.00	29.99 1.20 0.00	33.42 1.36 0.00	31.68 1.01 0.00	33.47 0.83 0.00	33.42 0.64 0.00
MOHICAN__35_KV_115KV_LD 80490	25.50 1.65 0.00	25.57 1.67 0.00	25.88 1.64 0.00	27.04 1.52 0.00	25.83 1.23 0.00	31.08 1.33 0.00	39.44 1.96 0.00	43.74 2.75 0.00	41.51 2.36 0.00	39.19 2.11 0.00	39.43 2.08 0.00	32.64 1.32 0.00	31.47 1.24 0.00	34.71 1.48 0.00	38.83 1.60 0.00	38.32 1.87 0.00	34.81 1.90 0.00	49.80 2.84 0.00	36.81 1.93 0.00	30.35 1.56 0.00	33.83 1.78 0.00	31.98 1.32 0.00	33.83 1.19 0.00	33.75 0.97 0.00
MONGAUP___HYD 23641	24.79 0.94 0.00	24.78 0.88 0.00	25.14 0.89 0.00	26.36 0.84 0.00	25.48 0.88 0.00	30.91 1.16 0.00	39.35 1.87 0.00	43.29 2.30 0.00	41.20 2.05 0.00	38.86 1.79 0.00	39.15 1.79 0.00	32.81 1.50 0.00	20.07 1.25 11.40	34.90 1.68 0.00	39.12 1.89 0.00	38.41 1.96 0.00	34.84 1.93 0.00	49.94 2.99 0.00	37.14 2.27 0.00	30.58 1.79 0.00	33.97 1.91 0.00	32.52 1.85 0.00	34.17 1.53 0.00	34.11 1.33 0.00
MONTAUK___DIESEL 23721	25.21 2.48 1.12	26.11 2.22 0.00	26.52 2.28 0.00	27.72 2.20 0.00	26.88 2.28 0.00	32.92 3.17 0.00	42.53 5.05 0.00	46.84 5.85 0.00	44.43 5.29 0.00	41.59 4.51 0.00	42.02 4.67 0.00	35.07 3.75 0.00	46.66 3.22 -13.22	37.36 4.13 0.00	42.24 5.01 0.00	42.24 5.48 -0.32	50.00 5.40 -11.69	61.89 7.94 -7.00	56.61 5.95 -15.79	47.73 4.70 -14.25	43.17 5.04 -6.07	35.25 4.56 -0.02	36.93 4.28 0.00	36.37 3.59 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.16 -1.69 0.00	22.20 -1.70 0.00	22.66 -1.58 0.00	23.86 -1.66 0.00	23.26 -1.34 0.00	28.98 -0.77 0.00	37.04 -0.44 0.00	40.66 -0.34 0.00	38.89 -0.26 0.00	37.40 0.32 0.00	38.03 0.67 0.00	31.74 0.43 0.00	30.89 0.66 0.00	34.10 0.87 0.00	38.04 0.81 0.00	36.67 0.22 0.00	33.23 0.32 0.00	47.36 0.40 0.00	35.33 0.46 0.00	29.15 0.36 0.00	32.46 0.40 0.00	30.89 0.22 0.00	32.43 -0.21 0.00	33.11 0.34 0.00
MORTIMER_115KV_TB3 55949	22.89 -0.96 0.00	22.90 -1.00 0.00	23.25 -1.00 0.00	24.51 -1.02 0.00	23.78 -0.82 0.00	29.10 -0.65 0.00	36.69 -0.79 0.00	39.95 -1.04 0.00	38.36 -0.78 0.00	36.65 -0.42 0.00	37.06 -0.30 0.00	31.10 -0.22 0.00	30.04 -0.18 0.00	33.07 -0.16 0.00	36.99 -0.25 0.00	36.10 -0.35 0.00	32.60 -0.31 0.00	46.45 -0.51 0.00	34.57 -0.30 0.00	28.55 -0.24 0.00	31.72 -0.33 0.00	30.14 -0.52 0.00	31.86 -0.78 0.00	32.29 -0.49 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.80 0.95 0.00	24.78 0.88 0.00	25.11 0.87 0.00	26.34 0.82 0.00	25.42 0.82 0.00	31.00 1.26 0.00	39.77 2.29 0.00	43.76 2.76 0.00	41.72 2.57 0.00	39.34 2.27 0.00	39.72 2.37 0.00	33.16 1.84 0.00	45.05 1.56 -13.26	35.25 2.02 0.00	39.54 2.30 0.00	39.06 2.61 0.00	35.50 2.59 0.00	50.71 3.75 0.00	37.72 2.85 0.00	30.99 2.20 0.00	34.41 2.35 0.00	32.63 1.96 0.00	34.32 1.68 0.00	34.05 1.27 0.00
MUNSVILLE_WIND_PWR 323609	24.41 0.56 0.00	24.56 0.66 0.00	24.90 0.65 0.00	26.40 0.88 0.00	25.71 0.92 -0.19	30.89 1.14 0.00	39.98 2.50 0.00	43.79 2.79 0.00	41.94 2.79 0.00	39.98 2.91 0.00	40.29 2.94 0.00	33.50 2.19 0.00	34.40 2.20 -1.96	36.42 2.78 -0.41	40.39 3.09 -0.06	39.90 3.45 0.00	36.51 3.28 -0.31	51.91 4.95 0.00	38.30 3.43 0.00	31.63 2.58 -0.26	35.83 2.54 -1.24	32.86 2.03 -0.17	34.49 1.85 0.00	35.55 1.80 -0.97
N SALMON___HYD 24042	24.57 0.72 0.00	24.69 0.80 0.00	25.19 0.94 0.00	26.69 1.17 0.00	25.58 0.98 0.00	30.43 0.68 0.00	37.66 0.18 0.00	41.56 0.56 0.00	39.74 0.59 0.00	37.82 0.75 0.00	38.54 1.18 0.00	32.57 1.25 0.00	31.48 1.25 0.00	34.62 1.39 0.00	38.81 1.58 0.00	37.82 1.38 0.00	33.83 0.92 0.00	48.20 1.24 0.00	35.77 0.89 0.00	29.70 0.91 0.00	33.14 1.08 0.00	32.01 1.34 0.00	34.28 1.63 0.00	34.70 1.93 0.00

N.AKRON__115KV_KNAPP 355671	22.64 -1.21 0.00	22.65 -1.25 0.00	23.02 -1.23 0.00	24.31 -1.21 0.00	23.65 -0.95 0.00	29.15 -0.60 0.00	36.63 -0.85 0.00	39.55 -1.45 0.00	38.15 -0.99 0.00	36.63 -0.44 0.00	37.06 -0.30 0.00	31.15 -0.17 0.00	30.09 -0.14 0.00	33.13 -0.09 0.00	37.01 -0.22 0.00	36.02 -0.43 0.00	32.50 -0.41 0.00	46.16 -0.80 0.00	34.44 -0.43 0.00	28.50 -0.30 0.00	31.66 -0.40 0.00	30.06 -0.60 0.00	31.71 -0.93 0.00	32.37 -0.41 0.00
N.BELMOR_69_KV_BK1 55787	29.16 1.36 -3.96	25.08 1.18 0.00	25.46 1.21 0.00	26.63 1.11 0.00	25.77 1.17 0.00	31.43 1.68 0.00	40.38 2.90 0.00	44.44 3.44 0.00	42.27 3.12 0.00	39.78 2.70 0.00	40.28 2.93 0.00	33.64 2.33 0.00	45.39 1.94 -13.22	35.80 2.57 0.00	40.25 3.02 0.00	40.21 3.33 -0.44	51.80 3.21 -15.69	61.03 4.71 -9.36	59.59 3.53 -21.18	51.21 2.76 -19.66	43.30 2.98 -8.26	33.35 2.65 -0.03	35.06 2.41 0.00	34.64 1.86 0.00
N.E_GEN_SANDY PD 24062	26.71 1.01 -1.85	25.40 1.00 -0.51	25.21 0.96 0.00	26.41 0.89 0.00	25.42 0.82 0.00	30.76 1.01 0.00	39.05 1.65 0.07	44.39 2.13 -1.26	40.99 1.85 0.00	38.64 1.57 0.00	39.15 1.60 -0.20	32.44 1.13 0.00	35.83 1.05 -4.56	34.64 1.41 0.00	38.51 1.57 0.29	38.31 1.90 0.03	34.27 1.78 0.42	49.68 2.70 -0.02	36.46 1.91 0.33	29.89 1.51 0.41	34.41 1.70 -0.65	31.98 1.29 -0.02	33.72 1.08 0.00	33.35 0.82 0.25
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.70 0.85 0.00	24.68 0.78 0.00	24.96 0.71 0.00	26.21 0.70 0.00	25.28 0.69 0.00	30.78 1.03 0.00	39.42 1.94 0.00	43.36 2.36 0.00	41.30 2.16 0.00	38.94 1.87 0.00	39.30 1.95 0.00	32.78 1.47 0.00	41.97 1.18 -10.56	34.80 1.57 0.00	39.05 1.82 0.00	38.53 2.08 0.00	35.05 2.15 0.00	50.16 3.20 0.00	37.28 2.41 0.00	30.66 1.87 0.00	34.05 1.99 0.00	32.29 1.63 0.00	33.99 1.35 0.00	33.75 0.97 0.00
N.QUEENS_27_KV_LOAD 356247	24.76 0.91 0.00	24.74 0.84 0.00	25.10 0.86 0.00	26.32 0.80 0.00	25.41 0.81 0.00	30.98 1.23 0.00	39.79 2.31 0.00	43.78 2.78 0.00	41.71 2.56 0.00	39.34 2.27 0.00	39.74 2.38 0.00	33.21 1.90 0.00	45.05 1.55 -13.28	35.24 2.02 0.00	39.50 2.27 0.00	39.04 2.59 0.00	35.47 2.57 0.00	50.72 3.75 0.00	37.72 2.85 0.00	31.01 2.22 0.00	34.42 2.36 0.00	32.65 1.98 0.00	34.30 1.66 0.00	34.00 1.22 0.00
N.TROY___115KV_TB1 355778	24.89 1.04 0.00	24.94 1.05 0.00	25.27 1.02 0.00	26.46 0.94 0.00	25.46 0.86 0.00	30.70 0.95 0.00	38.97 1.49 0.00	42.96 1.96 0.00	40.82 1.67 0.00	38.52 1.44 0.00	38.80 1.45 0.00	32.33 1.02 0.00	31.21 0.98 0.00	34.50 1.27 0.00	38.64 1.40 0.00	38.11 1.66 0.00	34.43 1.52 0.00	49.29 2.33 0.00	36.48 1.61 0.00	30.08 1.29 0.00	33.56 1.51 0.00	31.78 1.12 0.00	33.60 0.96 0.00	33.56 0.79 0.00
NARROWS_GT1_1 24228	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT1_2 24229	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT1_3 24230	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT1_4 24231	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT1_5 24232	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT1_6 24233	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT1_7 24234	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT1_8 24235	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT2_1 24236	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00

NARROWS_GT2_2 24237	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT2_3 24238	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT2_4 24239	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT2_5 24240	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT2_6 24241	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT2_7 24242	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NARROWS_GT2_8 24243	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.14 1.30 0.00	25.24 1.34 0.00	25.53 1.29 0.00	26.76 1.24 0.00	25.81 1.20 0.00	31.06 1.31 0.00	39.53 2.05 0.00	44.40 3.41 0.00	42.26 3.12 0.00	39.67 2.59 0.00	39.90 2.55 0.00	33.18 1.86 0.00	32.15 1.93 0.00	35.52 2.29 0.00	39.92 2.69 0.00	38.90 2.45 0.00	35.03 2.13 0.00	50.19 3.23 0.00	37.17 2.30 0.00	30.66 1.87 0.00	34.13 2.07 0.00	32.28 1.62 0.00	34.08 1.44 0.00	34.03 1.25 0.00
NCHELSEA_115KV_TR2 355582	24.95 1.10 0.00	24.94 1.04 0.00	25.25 1.01 0.00	26.51 0.99 0.00	25.57 0.97 0.00	31.12 1.37 0.00	39.82 2.34 0.00	43.83 2.84 0.00	41.75 2.61 0.00	39.34 2.26 0.00	39.68 2.32 0.00	33.13 1.81 0.00	31.81 1.59 0.00	35.26 2.04 0.00	39.55 2.32 0.00	39.04 2.59 0.00	35.52 2.61 0.00	50.80 3.85 0.00	37.77 2.90 0.00	31.05 2.26 0.00	34.48 2.42 0.00	32.68 2.02 0.00	34.38 1.74 0.00	34.14 1.36 0.00
NEG CAPITAL___MECHNVIL 23645	25.18 1.33 0.00	25.24 1.34 0.00	25.54 1.30 0.00	26.76 1.24 0.00	25.71 1.11 0.00	31.02 1.27 0.00	39.42 1.94 0.00	43.49 2.49 0.00	41.33 2.19 0.00	39.03 1.95 0.00	39.32 1.96 0.00	32.72 1.40 0.00	31.54 1.32 0.00	34.84 1.61 0.00	39.04 1.80 0.00	38.50 2.05 0.00	34.87 1.96 0.00	49.94 2.98 0.00	36.97 2.10 0.00	30.48 1.68 0.00	33.96 1.90 0.00	32.14 1.47 0.00	33.97 1.33 0.00	33.93 1.15 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.57 -1.28 0.00	22.58 -1.31 0.00	22.92 -1.32 0.00	24.15 -1.37 0.00	23.18 -1.19 0.24	28.63 -1.12 0.00	36.11 -1.37 0.00	39.36 -1.63 0.00	37.75 -1.40 0.00	36.00 -1.07 0.00	36.36 -1.00 0.00	30.49 -0.82 0.00	27.11 -0.76 2.36	31.95 -0.78 0.49	36.23 -0.93 0.08	35.48 -0.97 0.00	31.69 -0.83 0.39	45.74 -1.22 0.00	34.04 -0.84 0.00	27.76 -0.71 0.32	29.71 -0.86 1.49	29.44 -1.02 0.20	31.33 -1.31 0.00	30.48 -1.10 1.20
NEG CENTRAL___DRP 24199	23.30 -0.55 0.00	23.34 -0.56 0.00	23.64 -0.60 0.00	24.90 -0.61 0.00	24.10 -0.50 0.00	29.40 -0.35 0.00	37.22 -0.26 0.00	40.69 -0.30 0.00	38.94 -0.21 0.00	37.09 0.02 0.00	37.38 0.02 0.00	31.34 0.03 0.00	30.21 -0.01 0.00	33.31 0.08 0.00	37.34 0.10 0.00	36.52 0.08 0.00	33.13 0.23 0.00	47.35 0.39 0.00	35.18 0.31 0.00	29.01 0.22 0.00	32.20 0.14 0.00	30.67 0.00 0.00	32.37 -0.28 0.00	32.62 -0.16 0.00
NEG CENTRAL___INDECK 23768	23.05 -0.80 0.00	23.03 -0.86 0.00	23.38 -0.87 0.00	24.66 -0.86 0.00	23.97 -0.63 0.00	29.47 -0.28 0.00	37.52 0.04 0.00	41.09 0.10 0.00	39.55 0.40 0.00	37.82 0.75 0.00	38.08 0.73 0.00	31.99 0.67 0.00	31.03 0.81 0.00	34.24 1.01 0.00	38.19 0.95 0.00	37.31 0.86 0.00	33.86 0.95 0.00	48.44 1.48 0.00	36.18 1.31 0.00	29.82 1.03 0.00	33.05 0.99 0.00	31.34 0.68 0.00	32.96 0.32 0.00	33.44 0.66 0.00
NEG CENTRAL___SENECA 23627	23.21 -0.64 0.00	23.24 -0.66 0.00	23.55 -0.69 0.00	24.82 -0.70 0.00	24.06 -0.54 0.00	29.42 -0.33 0.00	37.24 -0.23 0.00	40.73 -0.27 0.00	39.01 -0.14 0.00	37.24 0.17 0.00	37.53 0.17 0.00	31.48 0.16 0.00	30.35 0.13 0.00	33.49 0.26 0.00	37.48 0.25 0.00	36.64 0.19 0.00	33.26 0.35 0.00	47.51 0.55 0.00	35.35 0.48 0.00	29.14 0.35 0.00	32.31 0.26 0.00	30.84 0.17 0.00	32.48 -0.16 0.00	32.75 -0.03 0.00
NEG CENTRAL___STATE_STREET 24147	23.64 -0.21 0.00	23.70 -0.20 0.00	23.97 -0.27 0.00	25.26 -0.26 0.00	24.39 -0.21 0.00	29.69 -0.06 0.00	37.47 -0.01 0.00	41.00 0.00 0.00	39.21 0.06 0.00	37.32 0.25 0.00	37.57 0.21 0.00	31.48 0.17 0.00	30.29 0.06 0.00	33.37 0.15 0.00	37.55 0.31 0.00	36.78 0.33 0.00	33.33 0.42 0.00	47.66 0.70 0.00	35.28 0.41 0.00	29.13 0.33 0.00	32.39 0.33 0.00	30.72 0.05 0.00	32.55 -0.09 0.00	32.83 0.05 0.00

NEG MILLWOOD___DRP 24198	25.02 1.17 0.00	25.00 1.10 0.00	25.32 1.07 0.00	26.56 1.04 0.00	25.62 1.02 0.00	31.24 1.49 0.00	40.01 2.54 0.00	44.06 3.07 0.00	41.98 2.84 0.00	39.59 2.51 0.00	39.89 2.53 0.00	33.28 1.96 0.00	36.82 1.73 -4.87	35.43 2.20 0.00	39.76 2.52 0.00	39.25 2.80 0.00	35.72 2.81 0.00	51.10 4.13 0.00	38.00 3.12 0.00	31.22 2.43 0.00	34.67 2.61 0.00	32.85 2.18 0.00	34.54 1.90 0.00	34.28 1.51 0.00
NEG NORTH_FLCN_SEA 23793	24.63 0.78 0.00	24.79 0.89 0.00	25.29 1.04 0.00	26.81 1.29 0.00	25.59 0.99 0.00	30.22 0.46 0.00	37.29 -0.19 0.00	41.27 0.28 0.00	39.46 0.31 0.00	37.54 0.47 0.00	38.33 0.98 0.00	32.37 1.05 0.00	31.28 1.05 0.00	34.59 1.36 0.00	38.68 1.45 0.00	37.95 1.50 0.00	33.91 1.00 0.00	48.21 1.25 0.00	35.81 0.94 0.00	29.83 1.05 0.00	33.19 1.13 0.00	31.96 1.29 0.00	34.17 1.53 0.00	34.83 2.05 0.00
NEG NORTH_KES_CHATEGAY 23792	24.43 0.57 0.00	24.57 0.67 0.00	25.07 0.83 0.00	26.60 1.08 0.00	25.43 0.83 0.00	30.14 0.39 0.00	37.28 -0.20 0.00	41.16 0.17 0.00	39.39 0.25 0.00	37.50 0.42 0.00	38.16 0.81 0.00	32.28 0.96 0.00	31.19 0.96 0.00	34.37 1.14 0.00	38.53 1.29 0.00	37.67 1.22 0.00	33.68 0.77 0.00	47.96 0.99 0.00	35.58 0.71 0.00	29.60 0.81 0.00	32.97 0.91 0.00	31.80 1.13 0.00	34.04 1.40 0.00	34.50 1.73 0.00
NEG NORTH___ALICE_FALLS 23915	24.65 0.80 0.00	24.80 0.90 0.00	25.29 1.04 0.00	26.81 1.29 0.00	25.62 1.02 0.00	30.32 0.57 0.00	37.50 0.02 0.00	41.59 0.60 0.00	39.73 0.58 0.00	37.83 0.76 0.00	38.64 1.29 0.00	32.66 1.34 0.00	31.56 1.33 0.00	34.87 1.64 0.00	39.03 1.79 0.00	38.27 1.82 0.00	34.22 1.31 0.00	48.60 1.63 0.00	36.09 1.22 0.00	30.04 1.25 0.00	33.42 1.36 0.00	32.19 1.52 0.00	34.38 1.74 0.00	34.94 2.16 0.00
NEG NORTH___LWR_SARANAC 23913	24.65 0.80 0.00	24.80 0.90 0.00	25.29 1.04 0.00	26.81 1.29 0.00	25.62 1.02 0.00	30.32 0.57 0.00	37.50 0.02 0.00	41.59 0.60 0.00	39.73 0.58 0.00	37.83 0.76 0.00	38.64 1.29 0.00	32.66 1.34 0.00	31.56 1.33 0.00	34.87 1.64 0.00	39.03 1.79 0.00	38.27 1.82 0.00	34.22 1.31 0.00	48.60 1.63 0.00	36.09 1.22 0.00	30.04 1.25 0.00	33.42 1.36 0.00	32.19 1.52 0.00	34.38 1.74 0.00	34.94 2.16 0.00
NEG NORTH___PLATTSBURG 23628	24.65 0.80 0.00	24.80 0.90 0.00	25.29 1.04 0.00	26.81 1.29 0.00	25.62 1.02 0.00	30.32 0.57 0.00	37.50 0.02 0.00	41.60 0.58 0.00	39.72 0.76 0.00	37.83 0.76 0.00	38.64 1.29 0.00	32.66 1.34 0.00	31.56 1.33 0.00	34.87 1.64 0.00	39.02 1.79 0.00	38.27 1.82 0.00	34.22 1.31 0.00	48.60 1.63 0.00	36.09 1.22 0.00	30.04 1.25 0.00	33.42 1.36 0.00	32.19 1.52 0.00	34.38 1.74 0.00	34.94 2.16 0.00
NEG WEST_LEA_LOCKPORT 23791	22.28 -1.57 0.00	22.30 -1.60 0.00	22.67 -1.57 0.00	23.93 -1.59 0.00	23.30 -1.30 0.00	28.71 -1.04 0.00	35.96 -1.52 0.00	38.75 -2.24 0.00	37.39 -1.75 0.00	35.94 -1.14 0.00	36.36 -1.00 0.00	30.59 -0.72 0.00	29.58 -0.65 0.00	32.54 -0.69 0.00	36.32 -0.91 0.00	35.31 -1.14 0.00	31.82 -1.09 0.00	45.17 -1.79 0.00	33.71 -1.16 0.00	27.92 -0.87 0.00	31.06 -1.00 0.00	29.51 -1.15 0.00	31.16 -1.48 0.00	31.90 -0.88 0.00
NEG WEST___LANCASTR 23811	23.41 -0.44 0.00	23.43 -0.47 0.00	23.80 -0.44 0.00	25.11 -0.40 0.00	24.39 -0.21 0.00	29.95 0.20 0.00	37.69 0.20 0.00	40.99 -0.01 0.00	39.39 0.25 0.00	37.87 0.80 0.00	38.40 1.04 0.00	32.24 0.92 0.00	31.24 1.01 0.00	34.43 1.20 0.00	38.37 1.14 0.00	37.19 0.74 0.00	33.54 0.63 0.00	47.75 0.79 0.00	35.57 0.70 0.00	29.42 0.63 0.00	32.81 0.76 0.00	31.16 0.49 0.00	32.87 0.23 0.00	33.62 0.84 0.00
NEG_PENN_ALLEGHNY 23528	23.59 -0.26 0.00	23.65 -0.24 0.00	23.98 -0.26 0.00	25.25 -0.27 0.00	24.63 -0.25 -0.28	29.59 -0.16 0.00	37.58 0.10 0.00	41.18 0.19 0.00	39.33 0.18 0.00	37.36 0.29 0.00	37.67 0.31 0.00	31.57 0.26 0.00	33.30 0.25 -2.82	34.19 0.37 -0.59	37.76 0.43 -0.09	36.87 0.43 0.00	33.90 0.54 -0.46	47.73 0.77 0.00	35.48 0.61 0.00	29.62 0.45 -0.38	34.23 0.40 -1.78	31.14 0.23 -0.24	32.61 -0.03 0.00	34.19 0.00 -1.41
NEG___GEN_MONROE 24207	23.01 -0.83 0.00	23.02 -0.88 0.00	23.37 -0.87 0.00	24.65 -0.87 0.00	23.94 -0.66 0.00	29.37 -0.38 0.00	37.01 -0.47 0.00	40.25 -0.74 0.00	38.71 -0.44 0.00	37.00 -0.07 0.00	37.40 0.04 0.00	31.40 0.08 0.00	30.33 0.10 0.00	33.38 0.15 0.00	37.33 0.09 0.00	36.43 -0.02 0.00	32.92 0.01 0.00	46.88 -0.08 0.00	34.91 0.04 0.00	28.84 0.05 0.00	32.03 -0.03 0.00	30.42 -0.25 0.00	32.11 -0.53 0.00	32.57 -0.21 0.00
NEPA___ENERGY 23901	22.56 -1.29 0.00	22.63 -1.27 0.00	22.97 -1.28 0.00	24.26 -1.26 0.00	23.43 -1.17 0.00	28.83 -0.92 0.00	36.49 -0.99 0.00	39.96 -1.04 0.00	38.25 -0.90 0.00	36.71 -0.36 0.00	37.23 -0.13 0.00	31.21 -0.10 0.00	30.19 -0.04 0.00	33.21 -0.01 0.00	37.18 -0.05 0.00	35.96 -0.49 0.00	32.65 -0.26 0.00	46.45 -0.51 0.00	34.54 -0.33 0.00	28.55 -0.24 0.00	31.74 -0.32 0.00	30.27 -0.39 0.00	31.80 -0.84 0.00	32.35 -0.43 0.00
NEVERSINK___HYD 23608	24.62 0.76 0.00	24.66 0.76 0.00	24.98 0.73 0.00	26.26 0.74 0.00	25.34 0.74 0.00	30.87 1.12 0.00	39.52 2.04 0.00	43.42 2.42 0.00	41.32 2.18 0.00	38.77 1.69 0.00	39.14 1.79 0.00	32.69 1.37 0.00	31.45 1.23 0.00	34.82 1.59 0.00	39.06 1.83 0.00	38.56 2.11 0.00	35.15 2.24 0.00	50.31 3.35 0.00	37.48 2.61 0.00	30.79 2.00 0.00	34.22 2.16 0.00	32.40 1.74 0.00	34.06 1.42 0.00	33.86 1.09 0.00
NEWKRMKL_115KV_TB1 55635	24.47 0.62 0.00	24.55 0.65 0.00	24.83 0.59 0.00	26.01 0.49 0.00	25.07 0.47 0.00	30.20 0.45 0.00	38.34 0.86 0.00	42.23 1.23 0.00	40.16 1.02 0.00	37.91 0.84 0.00	38.21 0.86 0.00	31.89 0.58 0.00	30.79 0.56 0.00	34.03 0.80 0.00	38.13 0.89 0.00	37.59 1.14 0.00	33.97 1.07 0.00	48.58 1.62 0.00	36.01 1.13 0.00	29.69 0.90 0.00	33.07 1.01 0.00	31.35 0.68 0.00	33.13 0.49 0.00	33.07 0.29 0.00
NEWTON___FALLS_HYD 23847	23.30 -0.55 0.00	23.33 -0.57 0.00	23.73 -0.51 0.00	25.26 -0.25 0.00	24.44 -0.16 0.00	29.46 -0.29 0.00	36.64 -0.84 0.00	40.33 -0.66 0.00	38.61 -0.54 0.00	36.80 -0.27 0.00	37.33 -0.03 0.00	31.48 0.17 0.00	30.39 0.16 0.00	33.32 0.09 0.00	37.16 -0.08 0.00	36.27 -0.18 0.00	32.70 -0.21 0.00	46.67 -0.29 0.00	34.63 -0.24 0.00	28.68 -0.11 0.00	32.01 -0.05 0.00	30.88 0.22 0.00	33.03 0.39 0.00	33.23 0.45 0.00
NGRID_A1_DSASP 323792	21.92 -1.93 0.00	21.94 -1.96 0.00	22.31 -1.94 0.00	23.54 -1.98 0.00	22.29 -1.65 0.66	28.22 -1.53 0.00	35.27 -2.21 0.00	37.96 -3.03 0.00	36.48 -2.67 0.00	35.06 -2.01 0.00	35.49 -1.86 0.00	29.97 -1.35 0.00	22.39 -1.20 6.64	30.54 -1.31 1.38	35.39 -1.63 0.22	34.60 -1.84 0.00	30.06 -1.76 1.09	44.01 -2.96 0.00	32.79 -2.08 0.00	26.31 -1.59 0.90	26.15 -1.73 4.18	28.19 -1.90 0.57	30.41 -2.23 0.00	27.85 -1.57 3.36

NGRID_A2_DSASP 323793	21.92 -1.93 0.00	21.94 -1.96 0.00	22.31 -1.94 0.00	23.54 -1.98 0.00	22.29 -1.65 0.66	28.22 -1.53 0.00	35.27 -2.21 0.00	37.96 -3.03 0.00	36.48 -2.67 0.00	35.06 -2.01 0.00	35.49 -1.86 0.00	29.97 -1.35 0.00	22.39 -1.20 6.64	30.54 -1.31 1.38	35.39 -1.63 0.22	34.60 -1.84 0.00	30.06 -1.76 1.09	44.01 -2.96 0.00	32.79 -2.08 0.00	26.31 -1.59 0.90	26.15 -1.73 4.18	28.19 -1.90 0.57	30.41 -2.23 0.00	27.85 -1.57 3.36
NGRID_A4_DSASP 323807	21.92 -1.93 0.00	21.94 -1.96 0.00	22.31 -1.94 0.00	23.54 -1.98 0.00	22.29 -1.65 0.66	28.22 -1.53 0.00	35.27 -2.21 0.00	37.96 -3.03 0.00	36.48 -2.67 0.00	35.06 -2.01 0.00	35.49 -1.86 0.00	29.97 -1.35 0.00	22.39 -1.20 6.64	30.54 -1.31 1.38	35.39 -1.63 0.22	34.60 -1.84 0.00	30.06 -1.76 1.09	44.01 -2.96 0.00	32.79 -2.08 0.00	26.31 -1.59 0.90	26.15 -1.73 4.18	28.19 -1.90 0.57	30.41 -2.23 0.00	27.85 -1.57 3.36
NIAGARA_115E_LBMP 323715	21.99 -1.86 0.00	22.01 -1.89 0.00	22.37 -1.87 0.00	23.60 -1.92 0.00	22.34 -1.62 0.65	28.31 -1.44 0.00	35.39 -2.09 0.00	37.96 -3.04 0.00	36.65 -2.49 0.00	35.24 -1.83 0.00	35.67 -1.69 0.00	29.99 -1.32 0.00	22.50 -1.24 6.48	30.51 -1.37 1.35	35.36 -1.66 0.21	34.59 -1.86 0.00	30.07 -1.78 1.06	44.15 -2.81 0.00	33.00 -1.87 0.00	26.46 -1.45 0.88	26.30 -1.67 4.09	28.35 -1.75 0.56	30.56 -2.08 0.00	27.99 -1.51 3.28
NIAGARA_115W_LBMP 323714	21.88 -1.97 0.00	21.90 -2.00 0.00	22.26 -1.98 0.00	23.49 -2.03 0.00	22.25 -1.70 0.66	28.16 -1.59 0.00	35.19 -2.28 0.00	37.88 -3.12 0.00	36.37 -2.77 0.00	34.96 -2.12 0.00	35.39 -1.96 0.00	29.89 -1.43 0.00	22.33 -1.26 6.64	30.46 -1.39 1.38	35.30 -1.71 0.22	34.53 -1.92 0.00	29.99 -1.83 1.09	43.88 -3.08 0.00	32.69 -2.18 0.00	26.23 -1.66 0.90	26.06 -1.82 4.18	28.12 -1.98 0.57	30.33 -2.31 0.00	27.77 -1.66 3.36
NIAGARA_230_LBMP 323716	22.09 -1.76 0.00	22.10 -1.80 0.00	22.47 -1.77 0.00	23.71 -1.81 0.00	22.44 -1.51 0.65	28.39 -1.36 0.00	35.51 -1.97 0.00	38.32 -2.68 0.00	36.91 -2.24 0.00	35.42 -1.65 0.00	35.87 -1.49 0.00	30.16 -1.15 0.00	22.55 -1.05 6.63	30.72 -1.12 1.38	35.61 -1.41 0.22	34.83 -1.62 0.00	30.25 -1.57 1.09	44.47 -2.49 0.00	33.17 -1.71 0.00	26.59 -1.31 0.90	26.47 -1.41 4.18	28.52 -1.57 0.57	30.77 -1.88 0.00	28.19 -1.23 3.35
NIAGARA__115KV_198_GIBSON 55903	21.88 -1.97 0.00	21.90 -2.00 0.00	22.26 -1.98 0.00	23.49 -2.03 0.00	22.90 -1.69 0.00	28.16 -1.59 0.00	35.19 -2.29 0.00	37.89 -3.10 0.00	36.38 -2.77 0.00	34.95 -2.12 0.00	35.41 -1.95 0.00	29.89 -1.43 0.00	28.96 -1.27 0.00	31.83 -1.40 0.00	35.53 -1.70 0.00	34.53 -1.92 0.00	31.08 -1.84 0.00	43.88 -3.08 0.00	32.70 -2.18 0.00	27.12 -1.67 0.00	30.24 -1.82 0.00	28.68 -1.99 0.00	30.33 -2.32 0.00	31.12 -1.65 0.00
NIAGARA____ 23760	22.09 -1.76 0.00	22.10 -1.80 0.00	22.47 -1.77 0.00	23.71 -1.81 0.00	22.44 -1.51 0.65	28.39 -1.36 0.00	35.51 -1.97 0.00	38.32 -2.68 0.00	36.91 -2.24 0.00	35.42 -1.65 0.00	35.87 -1.49 0.00	30.16 -1.15 0.00	22.60 -1.05 6.58	30.73 -1.12 1.37	35.61 -1.41 0.22	34.83 -1.62 0.00	30.26 -1.57 1.08	44.47 -2.49 0.00	33.17 -1.71 0.00	26.59 -1.31 0.89	26.50 -1.41 4.15	28.53 -1.57 0.57	30.77 -1.88 0.00	28.22 -1.23 3.32
NINE_MILE_1 23575	22.99 -0.86 0.00	23.04 -0.86 0.00	23.36 -0.88 0.00	24.58 -0.94 0.00	23.72 -0.88 0.00	28.71 -1.04 0.00	36.19 -1.29 0.00	39.42 -1.57 0.00	37.66 -1.48 0.00	35.74 -1.33 0.00	36.03 -1.33 0.00	30.22 -1.10 0.00	29.15 -1.08 0.00	32.09 -1.14 0.00	35.94 -1.29 0.00	35.21 -1.23 0.00	31.86 -1.05 0.00	45.44 -1.52 0.00	33.78 -1.09 0.00	27.88 -0.91 0.00	30.99 -1.07 0.00	29.56 -1.11 0.00	31.37 -1.27 0.00	31.59 -1.19 0.00
NINE_MILE_2 23744	23.00 -0.85 0.00	23.04 -0.86 0.00	23.37 -0.87 0.00	24.59 -0.93 0.00	23.72 -0.88 0.00	28.72 -1.03 0.00	36.19 -1.29 0.00	39.42 -1.57 0.00	37.66 -1.48 0.00	35.74 -1.33 0.00	36.03 -1.33 0.00	30.22 -1.10 0.00	29.15 -1.08 0.00	32.09 -1.14 0.00	35.94 -1.29 0.00	35.21 -1.23 0.00	31.86 -1.05 0.00	45.44 -1.52 0.00	33.78 -1.09 0.00	27.88 -0.91 0.00	30.99 -1.07 0.00	29.56 -1.11 0.00	31.37 -1.27 0.00	31.59 -1.19 0.00
NM_CAPITAL____DRP 24208	24.53 0.68 0.00	24.61 0.71 0.00	24.91 0.66 0.00	26.07 0.56 0.00	25.13 0.53 0.00	30.28 0.53 0.00	38.43 0.95 0.00	42.32 1.32 0.00	40.24 1.09 0.00	37.99 0.91 0.00	38.29 0.93 0.00	31.95 0.63 0.00	30.83 0.61 0.00	34.09 0.87 0.00	38.20 0.96 0.00	37.65 1.21 0.00	34.02 1.11 0.00	48.67 1.70 0.00	36.05 1.18 0.00	29.73 0.94 0.00	33.13 1.08 0.00	31.40 0.74 0.00	33.20 0.55 0.00	33.15 0.37 0.00
NM_CENTRAL____DRP 24181	23.36 -0.49 0.00	23.39 -0.50 0.00	23.72 -0.53 0.00	24.96 -0.56 0.00	24.09 -0.51 0.00	29.22 -0.53 0.00	36.92 -0.56 0.00	40.23 -0.77 0.00	38.43 -0.72 0.00	36.50 -0.58 0.00	36.82 -0.54 0.00	30.86 -0.45 0.00	29.78 -0.45 0.00	32.80 -0.43 0.00	36.72 -0.51 0.00	36.01 -0.44 0.00	32.62 -0.29 0.00	46.52 -0.44 0.00	34.59 -0.28 0.00	28.52 -0.27 0.00	31.69 -0.37 0.00	30.17 -0.49 0.00	31.98 -0.67 0.00	32.17 -0.61 0.00
NM_FRONTIER____DRP 24179	21.88 -1.97 0.00	21.90 -2.00 0.00	22.26 -1.98 0.00	23.49 -2.03 0.00	22.90 -1.69 0.00	28.16 -1.59 0.00	35.19 -2.29 0.00	37.89 -3.10 0.00	36.38 -2.77 0.00	34.95 -2.12 0.00	35.41 -1.95 0.00	29.89 -1.43 0.00	28.96 -1.27 0.00	31.83 -1.40 0.00	35.53 -1.70 0.00	34.53 -1.92 0.00	31.08 -1.84 0.00	43.88 -3.08 0.00	32.70 -2.18 0.00	27.12 -1.67 0.00	30.24 -1.82 0.00	28.68 -1.99 0.00	30.33 -2.32 0.00	31.12 -1.65 0.00
NM_ST_REGIS____HYD 24053	24.25 0.39 0.00	24.33 0.43 0.00	24.78 0.53 0.00	26.24 0.72 0.00	25.25 0.65 0.00	30.22 0.47 0.00	37.29 -0.19 0.00	40.97 -0.02 0.00	39.16 0.02 0.00	37.22 0.15 0.00	37.88 0.52 0.00	31.96 0.64 0.00	30.88 0.65 0.00	33.83 0.61 0.00	37.91 0.68 0.00	36.69 0.24 0.00	32.78 -0.13 0.00	46.73 -0.23 0.00	34.65 -0.22 0.00	28.74 -0.06 0.00	32.17 0.11 0.00	31.29 0.63 0.00	33.64 1.00 0.00	34.05 1.27 0.00
NORTHPORT____1 23551	24.00 1.45 1.30	25.15 1.26 0.00	25.59 1.35 0.00	26.68 1.16 0.00	25.87 1.27 0.00	31.51 1.76 0.00	40.48 3.00 0.00	44.45 3.45 0.00	42.31 3.17 0.00	39.82 2.75 0.00	40.40 3.05 0.00	33.80 2.49 0.00	45.50 2.05 -13.22	35.94 2.72 0.00	40.37 3.14 0.00	40.17 3.41 -0.31	47.76 3.31 -11.54	58.68 4.81 -6.91	54.05 3.60 -15.58	45.64 2.81 -14.04	41.04 3.00 -5.99	33.37 2.69 -0.02	35.18 2.54 0.00	34.76 1.98 0.00
NORTHPORT____2 23552	24.00 1.45 1.30	25.15 1.26 0.00	25.59 1.35 0.00	26.68 1.16 0.00	25.87 1.27 0.00	31.51 1.76 0.00	40.48 3.00 0.00	44.45 3.45 0.00	42.31 3.17 0.00	39.82 2.75 0.00	40.40 3.05 0.00	33.80 2.49 0.00	45.50 2.05 -13.22	35.94 2.72 0.00	40.37 3.14 0.00	40.17 3.41 -0.31	47.76 3.31 -11.54	58.68 4.81 -6.91	54.05 3.60 -15.58	45.64 2.81 -14.04	41.04 3.00 -5.99	33.37 2.69 -0.02	35.18 2.54 0.00	34.76 1.98 0.00

NORTHPORT___3 23553	23.84 1.35 1.36	25.07 1.17 0.00	25.49 1.24 0.00	26.60 1.08 0.00	25.76 1.16 0.00	31.42 1.67 0.00	40.39 2.91 0.00	44.38 3.39 0.00	42.20 3.05 0.00	39.74 2.66 0.00	40.26 2.90 0.00	33.67 2.35 0.00	45.40 1.96 -13.22	35.82 2.59 0.00	40.29 3.06 0.00	40.10 3.34 -0.31	47.77 3.25 -11.62	58.66 4.74 -6.95	54.09 3.53 -15.69	45.70 2.77 -14.14	41.02 2.94 -6.03	33.28 2.59 -0.02	35.06 2.42 0.00	34.65 1.87 0.00
NORTHPORT___4 23650	23.84 1.35 1.36	25.07 1.17 0.00	25.49 1.24 0.00	26.60 1.08 0.00	25.76 1.16 0.00	31.42 1.67 0.00	40.39 2.91 0.00	44.38 3.39 0.00	42.20 3.05 0.00	39.74 2.66 0.00	40.26 2.90 0.00	33.67 2.35 0.00	45.40 1.96 -13.22	35.82 2.59 0.00	40.29 3.06 0.00	40.10 3.34 -0.31	47.77 3.25 -11.62	58.66 4.74 -6.95	54.09 3.53 -15.69	45.70 2.77 -14.14	41.02 2.94 -6.03	33.28 2.59 -0.02	35.06 2.42 0.00	34.65 1.87 0.00
NORTHPORT___IC 23718	24.00 1.45 1.30	25.15 1.26 0.00	25.59 1.35 0.00	26.68 1.16 0.00	25.87 1.27 0.00	31.51 1.76 0.00	40.48 3.00 0.00	44.45 3.45 0.00	42.31 3.17 0.00	39.82 2.75 0.00	40.40 3.05 0.00	33.80 2.49 0.00	45.50 2.05 -13.22	35.94 2.72 0.00	40.37 3.14 0.00	40.17 3.41 -0.31	47.76 3.31 -11.54	58.68 4.81 -6.91	54.05 3.60 -15.58	45.64 2.81 -14.04	41.04 3.00 -5.99	33.37 2.69 -0.02	35.18 2.54 0.00	34.76 1.98 0.00
NORTH___COUNTRY_ESR 323785	24.33 0.48 0.00	24.49 0.59 0.00	24.98 0.74 0.00	26.50 0.98 0.00	25.35 0.75 0.00	30.02 0.27 0.00	37.12 -0.36 0.00	40.96 -0.04 0.00	39.18 0.04 0.00	37.27 0.20 0.00	38.00 0.64 0.00	32.13 0.82 0.00	31.07 0.84 0.00	34.22 0.99 0.00	38.35 1.12 0.00	37.48 1.03 0.00	33.52 0.61 0.00	47.72 0.76 0.00	35.41 0.54 0.00	29.43 0.64 0.00	32.81 0.75 0.00	31.65 0.98 0.00	33.90 1.26 0.00	34.37 1.59 0.00
NPX_GEN_1385_PROXY 323591	24.10 1.55 1.30	25.26 1.36 0.00	25.90 1.66 0.00	26.63 1.12 0.00	26.00 1.40 0.00	31.34 1.59 0.00	40.26 2.78 0.00	44.26 3.26 0.00	42.08 2.94 0.00	39.61 2.53 0.00	40.14 2.79 0.00	33.93 2.62 0.00	45.45 2.00 -13.22	35.81 2.58 0.00	40.10 2.86 0.00	40.03 3.26 -0.31	47.52 3.07 -11.54	58.33 4.46 -6.91	53.71 3.25 -15.58	45.36 2.53 -14.04	40.61 2.56 -5.99	32.83 2.15 -0.02	34.85 2.20 0.00	34.54 1.76 0.00
NPX_GEN_CSC 323557	24.60 1.88 1.12	25.53 1.63 0.00	25.94 1.69 0.00	27.08 1.56 0.00	26.25 1.65 0.00	32.10 2.35 0.00	41.40 3.92 0.00	45.56 4.56 0.00	43.26 4.12 0.00	40.53 3.45 0.00	41.00 3.64 0.00	34.24 2.92 0.00	45.92 2.47 -13.22	36.46 3.23 0.00	41.20 3.97 0.00	41.16 4.39 -0.32	48.90 4.30 -11.69	60.31 6.35 -7.00	55.42 4.76 -15.78	46.77 3.73 -14.24	42.11 3.99 -6.07	34.28 3.59 -0.02	35.98 3.33 0.00	35.45 2.68 0.00
NSINS_S_GLNS_FALLS 23858	25.50 1.65 0.00	25.57 1.67 0.00	25.88 1.63 0.00	27.03 1.51 0.00	25.81 1.21 0.00	31.01 1.26 0.00	39.35 1.87 0.00	43.65 2.66 0.00	41.41 2.26 0.00	39.10 2.03 0.00	39.33 1.98 0.00	32.55 1.23 0.00	31.38 1.16 0.00	34.60 1.37 0.00	38.71 1.48 0.00	38.20 1.75 0.00	34.69 1.78 0.00	49.66 2.70 0.00	36.71 1.84 0.00	30.25 1.46 0.00	33.75 1.70 0.00	31.92 1.26 0.00	33.76 1.12 0.00	33.68 0.90 0.00
NUCOR_STEEL___DRP 24197	23.65 -0.20 0.00	23.71 -0.19 0.00	23.98 -0.27 0.00	25.26 -0.26 0.00	24.39 -0.21 0.00	29.69 -0.06 0.00	37.44 -0.04 0.00	40.97 -0.02 0.00	39.18 0.03 0.00	37.27 0.19 0.00	37.51 0.16 0.00	31.43 0.11 0.00	30.23 0.00 0.00	33.31 0.08 0.00	37.49 0.26 0.00	36.74 0.29 0.00	33.29 0.38 0.00	47.60 0.64 0.00	35.21 0.34 0.00	29.08 0.28 0.00	32.35 0.29 0.00	30.66 -0.01 0.00	32.51 -0.13 0.00	32.81 0.04 0.00
NUMBER_THREE_WT_PWR 323818	22.83 -1.02 0.00	22.80 -1.10 0.00	23.21 -1.03 0.00	24.92 -0.60 0.00	24.22 -0.38 0.00	29.32 -0.43 0.00	36.76 -0.72 0.00	40.65 -0.35 0.00	38.97 -0.18 0.00	37.28 0.21 0.00	37.68 0.32 0.00	31.84 0.52 0.00	30.66 0.44 0.00	33.71 0.48 0.00	37.40 0.17 0.00	36.92 0.47 0.00	33.57 0.66 0.00	47.92 0.96 0.00	35.60 0.73 0.00	29.46 0.67 0.00	32.76 0.70 0.00	31.28 0.62 0.00	33.24 0.60 0.00	33.28 0.50 0.00
NYISO_LBMP_REFERENCE 24008	23.85 0.00 0.00	23.90 0.00 0.00	24.25 0.00 0.00	25.52 0.00 0.00	24.60 0.00 0.00	29.75 0.00 0.00	37.48 0.00 0.00	41.00 0.00 0.00	39.15 0.00 0.00	37.07 0.00 0.00	37.36 0.00 0.00	31.32 0.00 0.00	30.23 0.00 0.00	33.23 0.00 0.00	37.23 0.00 0.00	36.45 0.00 0.00	32.91 0.00 0.00	46.96 0.00 0.00	34.87 0.00 0.00	28.79 0.00 0.00	32.06 0.00 0.00	30.66 0.00 0.00	32.65 0.00 0.00	32.78 0.00 0.00
NYPA_BRENTWD___GT 24164	24.62 1.69 0.92	25.39 1.49 0.00	25.81 1.57 0.00	26.93 1.41 0.00	26.11 1.51 0.00	31.86 2.11 0.00	41.01 3.53 0.00	45.08 4.08 0.00	42.90 3.75 0.00	40.30 3.23 0.00	40.88 3.52 0.00	34.16 2.85 0.00	45.84 2.40 -13.22	36.37 3.14 0.00	40.92 3.69 0.00	40.79 4.02 -0.32	48.68 3.91 -11.86	59.79 5.73 -7.10	55.17 4.27 -16.02	46.63 3.36 -14.48	41.81 3.59 -6.16	33.89 3.21 -0.02	35.65 3.00 0.00	35.19 2.41 0.00
NYPA_GOWANUS___GT5 24156	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NYPA_GOWANUS___GT6 24157	24.84 0.99 0.00	24.81 0.91 0.00	25.14 0.89 0.00	26.37 0.85 0.00	25.45 0.85 0.00	31.06 1.31 0.00	39.88 2.41 0.00	43.85 2.85 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.82 2.46 0.00	33.25 1.93 0.00	45.11 1.60 -13.28	35.33 2.11 0.00	39.64 2.40 0.00	39.16 2.71 0.00	35.61 2.71 0.00	50.87 3.91 0.00	37.85 2.98 0.00	31.10 2.31 0.00	34.54 2.48 0.00	32.74 2.08 0.00	34.42 1.78 0.00	34.15 1.37 0.00
NYPA_HARLEM__RVR_GT1 24160	24.75 0.90 0.00	24.74 0.84 0.00	25.09 0.85 0.00	26.31 0.80 0.01	25.40 0.80 0.00	30.96 1.22 0.00	39.75 2.27 0.00	43.74 2.75 0.00	41.65 2.51 0.00	39.30 2.22 0.00	39.68 2.33 0.00	33.17 1.85 0.00	45.01 1.51 -13.28	35.20 1.97 0.00	39.47 2.24 0.00	38.98 2.53 0.00	35.42 2.52 0.00	50.62 3.66 0.00	37.66 2.79 0.00	30.96 2.17 0.00	34.38 2.32 0.00	32.61 1.94 0.00	34.27 1.62 0.00	33.97 1.19 0.00
NYPA_HARLEM__RVR_GT2 24161	24.75 0.90 0.00	24.74 0.84 0.00	25.09 0.85 0.00	26.31 0.80 0.01	25.40 0.80 0.00	30.96 1.22 0.00	39.75 2.27 0.00	43.74 2.75 0.00	41.65 2.51 0.00	39.30 2.22 0.00	39.68 2.33 0.00	33.17 1.85 0.00	45.01 1.51 -13.28	35.20 1.97 0.00	39.47 2.24 0.00	38.98 2.53 0.00	35.42 2.52 0.00	50.62 3.66 0.00	37.66 2.79 0.00	30.96 2.17 0.00	34.38 2.32 0.00	32.61 1.94 0.00	34.27 1.62 0.00	33.97 1.19 0.00

NYPA_KENT____GT 24152	24.82 0.97 0.00	24.80 0.90 0.00	25.13 0.88 0.00	26.36 0.85 0.00	25.45 0.84 0.00	31.05 1.30 0.00	39.86 2.38 0.00	43.84 2.84 0.00	41.79 2.65 0.00	39.42 2.35 0.00	39.81 2.46 0.00	33.25 1.93 0.00	45.12 1.61 -13.28	35.34 2.11 0.00	39.63 2.39 0.00	39.15 2.70 0.00	35.59 2.68 0.00	50.84 3.88 0.00	37.82 2.95 0.00	31.07 2.28 0.00	34.51 2.45 0.00	32.72 2.05 0.00	34.39 1.75 0.00	34.11 1.33 0.00
NYPA_POUCH1____GT 24155	24.82 0.97 0.00	24.79 0.89 0.00	25.12 0.87 0.00	26.36 0.84 0.00	25.44 0.83 0.00	31.03 1.28 0.00	39.85 2.37 0.00	43.79 2.79 0.00	41.72 2.58 0.00	39.34 2.27 0.00	39.73 2.38 0.00	33.17 1.85 0.00	45.02 1.52 -13.28	35.26 2.03 0.00	39.55 2.32 0.00	39.08 2.63 0.00	35.54 2.63 0.00	50.80 3.84 0.00	37.78 2.92 0.00	31.05 2.26 0.00	34.49 2.43 0.00	32.70 2.04 0.00	34.38 1.74 0.00	34.11 1.34 0.00
NYPA_VERNON____GT2 24162	24.80 0.95 0.00	24.79 0.89 0.00	25.12 0.87 0.00	26.35 0.83 0.00	25.43 0.83 0.00	31.03 1.28 0.00	39.83 2.36 0.00	43.82 2.82 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.81 2.45 0.00	33.24 1.93 0.00	45.13 1.63 -13.28	35.33 2.10 0.00	39.62 2.39 0.00	39.14 2.69 0.00	35.58 2.67 0.00	50.80 3.84 0.00	37.80 2.93 0.00	31.05 2.25 0.00	34.48 2.42 0.00	32.69 2.02 0.00	34.36 1.71 0.00	34.08 1.30 0.00
NYPA_VERNON____GT3 24163	24.80 0.95 0.00	24.79 0.89 0.00	25.12 0.87 0.00	26.35 0.83 0.00	25.43 0.83 0.00	31.03 1.28 0.00	39.83 2.36 0.00	43.82 2.82 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.81 2.45 0.00	33.24 1.93 0.00	45.13 1.63 -13.28	35.33 2.10 0.00	39.62 2.39 0.00	39.14 2.69 0.00	35.58 2.67 0.00	50.80 3.84 0.00	37.80 2.93 0.00	31.05 2.25 0.00	34.48 2.42 0.00	32.69 2.02 0.00	34.36 1.71 0.00	34.08 1.30 0.00
NYPA__ASTORIA_CC1 323568	24.76 0.91 0.00	24.75 0.84 0.00	25.08 0.84 0.00	26.31 0.79 0.00	25.40 0.79 0.00	30.97 1.22 0.00	39.76 2.28 0.00	43.74 2.74 0.00	41.72 2.57 0.00	39.34 2.27 0.00	39.73 2.38 0.00	33.18 1.86 0.00	45.07 1.56 -13.28	35.25 2.03 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.50 2.60 0.00	50.68 3.72 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.41 2.35 0.00	32.62 1.96 0.00	34.29 1.65 0.00	34.01 1.24 0.00
NYPA__ASTORIA_CC2 323569	24.76 0.91 0.00	24.75 0.84 0.00	25.08 0.84 0.00	26.31 0.79 0.00	25.40 0.79 0.00	30.97 1.22 0.00	39.76 2.28 0.00	43.74 2.74 0.00	41.72 2.57 0.00	39.34 2.27 0.00	39.73 2.38 0.00	33.18 1.86 0.00	45.07 1.56 -13.28	35.25 2.03 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.50 2.60 0.00	50.68 3.72 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.41 2.35 0.00	32.62 1.96 0.00	34.29 1.65 0.00	34.01 1.24 0.00
NYPA__HOLTSVILL 23794	24.33 1.63 1.14	25.31 1.41 0.00	25.72 1.48 0.00	26.84 1.32 0.00	26.03 1.43 0.00	31.77 2.02 0.00	40.90 3.42 0.00	44.97 3.97 0.00	42.77 3.63 0.00	40.16 3.09 0.00	40.69 3.33 0.00	34.00 2.68 0.00	45.70 2.26 -13.22	36.19 2.96 0.00	40.76 3.52 0.00	40.64 3.88 -0.32	48.36 3.78 -11.67	59.50 5.55 -6.99	54.79 4.15 -15.76	46.26 3.25 -14.22	41.58 3.47 -6.06	33.79 3.10 -0.02	35.53 2.88 0.00	35.05 2.27 0.00
NYPA____HELLGATE_GT1 24158	24.73 0.88 0.00	24.70 0.81 0.00	25.05 0.81 0.00	26.27 0.76 0.01	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.98 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.41 2.50 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.58 1.92 0.00	34.24 1.59 0.00	33.93 1.15 0.00
NYPA____HELLGATE_GT2 24159	24.73 0.88 0.00	24.70 0.81 0.00	25.05 0.81 0.00	26.27 0.76 0.01	25.37 0.77 0.00	30.93 1.18 0.00	39.71 2.23 0.00	43.70 2.70 0.00	41.62 2.48 0.00	39.27 2.19 0.00	39.65 2.29 0.00	33.14 1.83 0.00	44.98 1.48 -13.28	35.16 1.93 0.00	39.43 2.20 0.00	38.95 2.50 0.00	35.41 2.50 0.00	50.62 3.66 0.00	37.64 2.77 0.00	30.94 2.15 0.00	34.36 2.30 0.00	32.58 1.92 0.00	34.24 1.59 0.00	33.93 1.15 0.00
NYS_BARGE__HYD 23848	22.31 -1.54 0.00	22.33 -1.57 0.00	22.70 -1.55 0.00	23.96 -1.56 0.00	22.74 -1.27 0.59	28.75 -1.01 0.00	36.01 -1.47 0.00	38.78 -2.21 0.00	37.43 -1.72 0.00	35.97 -1.10 0.00	36.39 -0.96 0.00	30.61 -0.70 0.00	23.70 -0.62 5.91	31.34 -0.66 1.23	36.15 -0.88 0.20	35.34 -1.10 0.00	30.88 -1.06 0.97	45.21 -1.75 0.00	33.74 -1.13 0.00	27.15 -0.85 0.80	27.36 -0.98 3.72	29.02 -1.13 0.51	31.18 -1.47 0.00	28.91 -0.88 2.99
OAK ORCHARD__HYD 24046	22.89 -0.96 0.00	22.90 -1.00 0.00	23.25 -1.00 0.00	24.51 -1.02 0.00	23.46 -0.82 0.32	29.10 -0.65 0.00	36.69 -0.79 0.00	39.94 -1.05 0.00	38.36 -0.79 0.00	36.65 -0.42 0.00	37.05 -0.31 0.00	31.10 -0.22 0.00	26.82 -0.19 3.22	32.41 -0.15 0.67	36.88 -0.24 0.11	36.10 -0.35 0.00	32.07 -0.31 0.53	46.45 -0.51 0.00	34.57 -0.30 0.00	28.12 -0.24 0.43	29.70 -0.33 2.03	29.87 -0.52 0.28	31.86 -0.78 0.00	30.65 -0.49 1.63
OAKDALE__35_KV_LOAD 356122	23.60 -0.25 0.00	23.66 -0.24 0.00	23.98 -0.26 0.00	25.25 -0.27 0.00	24.35 -0.25 0.00	29.59 -0.17 0.00	37.55 0.07 0.00	41.13 0.13 0.00	39.29 0.14 0.00	37.33 0.26 0.00	37.66 0.30 0.00	31.55 0.24 0.00	30.46 0.23 0.00	33.57 0.34 0.00	37.64 0.40 0.00	36.84 0.40 0.00	33.41 0.50 0.00	47.66 0.70 0.00	35.44 0.57 0.00	29.21 0.42 0.00	32.42 0.36 0.00	30.87 0.20 0.00	32.59 -0.05 0.00	32.76 -0.02 0.00
OCC_CHEM__DRP 24175	21.92 -1.93 0.00	21.94 -1.96 0.00	22.31 -1.94 0.00	23.54 -1.98 0.00	22.95 -1.65 0.00	28.21 -1.53 0.00	35.27 -2.21 0.00	37.98 -3.01 0.00	36.48 -2.67 0.00	35.05 -2.02 0.00	35.51 -1.85 0.00	29.97 -1.35 0.00	29.02 -1.21 0.00	31.90 -1.32 0.00	35.61 -1.63 0.00	34.60 -1.84 0.00	31.15 -1.76 0.00	44.01 -2.96 0.00	32.79 -2.08 0.00	27.20 -1.59 0.00	30.31 -1.74 0.00	28.76 -1.91 0.00	30.41 -2.23 0.00	31.21 -1.57 0.00
OH_GEN_PROXY 24063	22.13 -1.72 0.00	22.15 -1.75 0.00	22.51 -1.73 0.00	23.75 -1.77 0.00	22.43 -1.48 0.69	28.44 -1.32 0.00	35.61 -1.87 0.00	38.53 -2.47 0.00	37.10 -2.05 0.00	35.58 -1.49 0.00	36.03 -1.33 0.00	30.29 -1.03 0.00	22.28 -0.95 7.00	30.77 -1.01 1.46	35.74 -1.26 0.23	34.97 -1.48 0.00	30.32 -1.44 1.15	44.71 -2.26 0.00	33.32 -1.56 0.00	26.65 -1.20 0.94	26.34 -1.31 4.41	28.62 -1.45 0.60	30.89 -1.75 0.00	28.07 -1.17 3.54
OLIN_CORP_DRP 24177	22.02 -1.83 0.00	22.03 -1.87 0.00	22.40 -1.85 0.00	23.64 -1.88 0.00	23.02 -1.59 0.00	28.35 -1.40 0.00	35.44 -2.04 0.00	38.05 -2.95 0.00	36.73 -2.42 0.00	35.29 -1.78 0.00	35.75 -1.61 0.00	30.05 -1.27 0.00	29.03 -1.19 0.00	31.90 -1.32 0.00	35.64 -1.60 0.00	34.65 -1.80 0.00	31.19 -1.72 0.00	44.25 -2.72 0.00	33.07 -1.81 0.00	27.39 -1.40 0.00	30.45 -1.61 0.00	28.96 -1.70 0.00	30.62 -2.02 0.00	31.34 -1.44 0.00

OLIN_CORP_DSASP 323712	21.92 -1.93 0.00	21.94 -1.96 0.00	22.31 -1.94 0.00	23.54 -1.98 0.00	22.29 -1.65 0.66	28.22 -1.53 0.00	35.27 -2.21 0.00	37.96 -3.03 0.00	36.48 -2.67 0.00	35.06 -2.01 0.00	35.49 -1.86 0.00	29.97 -1.35 0.00	22.39 -1.20 6.64	30.54 -1.31 1.38	35.39 -1.63 0.22	34.60 -1.84 0.00	30.06 -1.76 1.09	44.01 -2.96 0.00	32.79 -2.08 0.00	26.31 -1.59 0.90	26.15 -1.73 4.18	28.19 -1.90 0.57	30.41 -2.23 0.00	27.85 -1.57 3.36
ONEIDA_HERK_LFGE 323681	23.67 -0.18 0.00	23.69 -0.21 0.00	24.07 -0.18 0.00	25.54 0.02 0.00	24.71 0.11 0.00	29.95 0.20 0.00	37.83 0.35 0.00	41.64 0.65 0.00	39.83 0.69 0.00	37.91 0.84 0.00	38.26 0.91 0.00	32.15 0.83 0.00	30.99 0.77 0.00	34.12 0.89 0.00	38.06 0.82 0.00	37.43 0.98 0.00	33.95 1.05 0.00	48.43 1.47 0.00	35.97 1.10 0.00	29.71 0.92 0.00	33.04 0.99 0.00	31.50 0.84 0.00	33.43 0.79 0.00	33.44 0.66 0.00
ONEIDA___115KV_TB4 55905	24.08 0.23 0.00	24.12 0.22 0.00	24.48 0.24 0.00	25.85 0.33 0.00	24.95 0.35 0.00	30.29 0.54 0.00	38.49 1.01 0.00	42.24 1.25 0.00	40.40 1.25 0.00	38.40 1.32 0.00	38.79 1.43 0.00	32.44 1.13 0.00	31.30 1.07 0.00	34.47 1.25 0.00	38.51 1.27 0.00	37.83 1.38 0.00	34.29 1.38 0.00	48.80 1.84 0.00	36.25 1.37 0.00	29.89 1.10 0.00	33.24 1.18 0.00	31.65 0.98 0.00	33.50 0.86 0.00	33.50 0.72 0.00
ONONDAGA_REF_OCCRA 23987	23.52 -0.33 0.00	23.56 -0.35 0.00	23.88 -0.37 0.00	25.14 -0.38 0.00	24.25 -0.35 0.00	29.43 -0.32 0.00	37.19 -0.29 0.00	40.57 -0.42 0.00	38.75 -0.40 0.00	36.80 -0.27 0.00	37.11 -0.24 0.00	31.11 -0.20 0.00	30.03 -0.19 0.00	33.09 -0.14 0.00	37.08 -0.16 0.00	36.36 -0.08 0.00	32.96 0.05 0.00	47.04 0.07 0.00	34.96 0.09 0.00	28.82 0.03 0.00	31.98 -0.08 0.00	30.45 -0.22 0.00	32.24 -0.40 0.00	32.45 -0.33 0.00
ONONDAGA___COGEN 23986	23.50 -0.35 0.00	23.54 -0.36 0.00	23.85 -0.39 0.00	25.11 -0.41 0.00	24.24 -0.37 0.00	29.40 -0.35 0.00	37.16 -0.32 0.00	40.55 -0.45 0.00	38.73 -0.42 0.00	36.79 -0.28 0.00	37.09 -0.26 0.00	31.08 -0.23 0.00	29.98 -0.24 0.00	33.03 -0.19 0.00	37.02 -0.22 0.00	36.29 -0.15 0.00	32.89 -0.02 0.00	46.95 -0.02 0.00	34.88 0.01 0.00	28.77 -0.03 0.00	31.95 -0.11 0.00	30.42 -0.25 0.00	32.22 -0.42 0.00	32.42 -0.36 0.00
ONTARIO___LFGE 23819	23.21 -0.64 0.00	23.24 -0.66 0.00	23.56 -0.69 0.00	24.82 -0.70 0.00	24.06 -0.54 0.00	29.42 -0.33 0.00	37.25 -0.23 0.00	40.72 -0.27 0.00	39.01 -0.14 0.00	37.25 0.17 0.00	37.52 0.17 0.00	31.48 0.17 0.00	30.36 0.13 0.00	33.49 0.26 0.00	37.49 0.26 0.00	36.64 0.19 0.00	33.25 0.35 0.00	47.51 0.55 0.00	35.35 0.47 0.00	29.14 0.35 0.00	32.32 0.26 0.00	30.84 0.17 0.00	32.48 -0.16 0.00	32.75 -0.03 0.00
ORANGEVILLE_WT_PWR 323706	21.91 -1.94 0.00	21.94 -1.96 0.00	22.26 -1.99 0.00	23.51 -2.01 0.00	22.58 -1.74 0.29	28.16 -1.59 0.00	35.65 -1.83 0.00	38.92 -2.08 0.00	37.52 -1.63 0.00	36.10 -0.97 0.00	36.35 -1.00 0.00	30.79 -0.53 0.00	27.01 -0.38 2.85	32.35 -0.28 0.59	36.63 -0.50 0.09	35.67 -0.77 0.00	31.82 -0.62 0.47	46.08 -0.88 0.00	34.42 -0.45 0.00	28.03 -0.38 0.39	29.78 -0.48 1.79	29.75 -0.67 0.24	31.63 -1.01 0.00	30.81 -0.52 1.45
ORANGEVILLE___ESR 323794	21.91 -1.94 0.00	21.94 -1.96 0.00	22.26 -1.99 0.00	23.51 -2.01 0.00	22.58 -1.74 0.29	28.16 -1.59 0.00	35.65 -1.83 0.00	38.92 -2.08 0.00	37.52 -1.63 0.00	36.10 -0.97 0.00	36.35 -1.00 0.00	30.79 -0.53 0.00	27.01 -0.38 2.85	32.35 -0.28 0.59	36.63 -0.50 0.09	35.67 -0.77 0.00	31.82 -0.62 0.47	46.08 -0.88 0.00	34.42 -0.45 0.00	28.03 -0.38 0.39	29.78 -0.48 1.79	29.75 -0.67 0.24	31.63 -1.01 0.00	30.81 -0.52 1.45
OSWEGATCHIE___HYD 24044	23.30 -0.55 0.00	23.33 -0.57 0.00	23.73 -0.51 0.00	25.26 -0.25 0.00	24.44 -0.16 0.00	29.46 -0.29 0.00	36.64 -0.84 0.00	40.33 -0.66 0.00	38.61 -0.54 0.00	36.80 -0.27 0.00	37.33 -0.03 0.00	31.48 0.17 0.00	30.39 0.16 0.00	33.32 0.09 0.00	37.16 -0.08 0.00	36.27 -0.18 0.00	32.70 -0.21 0.00	46.67 -0.29 0.00	34.63 -0.24 0.00	28.68 -0.11 0.00	32.01 -0.05 0.00	30.88 0.21 0.00	33.03 0.39 0.00	33.23 0.45 0.00
OSWEGO___5 23606	23.16 -0.68 0.00	23.21 -0.69 0.00	23.54 -0.71 0.00	24.77 -0.75 0.00	23.90 -0.70 0.00	28.96 -0.79 0.00	36.54 -0.95 0.00	39.84 -1.15 0.00	38.06 -1.09 0.00	36.13 -0.94 0.00	36.44 -0.92 0.00	30.54 -0.77 0.00	29.47 -0.76 0.00	32.44 -0.78 0.00	36.34 -0.89 0.00	35.61 -0.84 0.00	32.23 -0.68 0.00	45.98 -0.98 0.00	34.18 -0.70 0.00	28.20 -0.59 0.00	31.34 -0.72 0.00	29.88 -0.79 0.00	31.70 -0.95 0.00	31.90 -0.88 0.00
OSWEGO___6 23613	23.16 -0.68 0.00	23.21 -0.69 0.00	23.54 -0.71 0.00	24.77 -0.75 0.00	23.90 -0.70 0.00	28.96 -0.79 0.00	36.54 -0.95 0.00	39.84 -1.15 0.00	38.06 -1.09 0.00	36.13 -0.94 0.00	36.44 -0.92 0.00	30.54 -0.77 0.00	29.47 -0.76 0.00	32.44 -0.78 0.00	36.34 -0.89 0.00	35.61 -0.84 0.00	32.23 -0.68 0.00	45.98 -0.98 0.00	34.18 -0.70 0.00	28.20 -0.59 0.00	31.34 -0.72 0.00	29.88 -0.79 0.00	31.70 -0.95 0.00	31.90 -0.88 0.00
OUTOKUMPU-AB___DRP 24206	22.47 -1.38 0.00	22.49 -1.42 0.00	22.87 -1.38 0.00	24.13 -1.39 0.00	23.50 -1.10 0.00	28.95 -0.80 0.00	36.30 -1.17 0.00	39.22 -1.78 0.00	37.78 -1.37 0.00	36.30 -0.78 0.00	36.76 -0.59 0.00	30.96 -0.36 0.00	29.97 -0.26 0.00	32.97 -0.26 0.00	36.78 -0.45 0.00	35.76 -0.69 0.00	32.23 -0.68 0.00	45.70 -1.26 0.00	34.08 -0.80 0.00	28.21 -0.58 0.00	31.42 -0.64 0.00	29.81 -0.86 0.00	31.46 -1.18 0.00	32.19 -0.58 0.00
OXBOW____ 24026	22.25 -1.60 0.00	22.28 -1.62 0.00	22.65 -1.59 0.00	23.90 -1.62 0.00	22.63 -1.31 0.66	28.68 -1.07 0.00	35.90 -1.58 0.00	38.72 -2.28 0.00	37.26 -1.89 0.00	35.81 -1.26 0.00	36.25 -1.11 0.00	30.57 -0.75 0.00	22.97 -0.63 6.63	31.19 -0.66 1.38	36.10 -0.91 0.22	35.32 -1.13 0.00	30.72 -1.10 1.09	45.02 -1.94 0.00	33.56 -1.31 0.00	26.92 -0.98 0.89	26.81 -1.07 4.18	28.81 -1.28 0.57	31.04 -1.61 0.00	28.44 -0.99 3.35
OXY_CHEM_DSASP 323612	21.92 -1.93 0.00	21.94 -1.96 0.00	22.31 -1.94 0.00	23.54 -1.98 0.00	22.95 -1.65 0.00	28.21 -1.53 0.00	35.27 -2.21 0.00	37.98 -3.01 0.00	36.48 -2.67 0.00	35.05 -2.02 0.00	35.51 -1.85 0.00	29.97 -1.35 0.00	29.02 -1.21 0.00	31.90 -1.32 0.00	35.61 -1.63 0.00	34.60 -1.84 0.00	31.15 -1.76 0.00	44.01 -2.96 0.00	32.79 -2.08 0.00	27.20 -1.59 0.00	30.31 -1.74 0.00	28.76 -1.91 0.00	30.41 -2.23 0.00	31.21 -1.57 0.00
OZONE_PARK_ESR 323760	24.98 1.13 0.00	24.95 1.05 0.00	25.27 1.03 0.00	26.52 1.00 0.00	25.60 1.00 0.00	31.25 1.50 0.00	40.14 2.66 0.00	44.17 3.17 0.00	42.13 2.99 0.00	39.71 2.64 0.00	40.10 2.74 0.00	33.48 2.16 0.00	45.40 1.87 -13.31	35.59 2.37 0.00	39.93 2.70 0.00	39.45 3.00 0.00	35.87 2.96 0.00	51.24 4.28 0.00	38.14 3.27 0.00	31.31 2.52 0.00	34.77 2.71 0.00	32.95 2.29 0.00	34.65 2.00 0.00	34.36 1.58 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.92 -1.93 0.00	21.94 -1.96 0.00	22.31 -1.94 0.00	23.54 -1.98 0.00	22.95 -1.65 0.00	28.21 -1.53 0.00	35.27 -2.21 0.00	37.98 -3.01 0.00	36.48 -2.67 0.00	35.05 -2.02 0.00	35.51 -1.85 0.00	29.97 -1.35 0.00	29.02 -1.21 0.00	31.90 -1.32 0.00	35.61 -1.63 0.00	34.60 -1.84 0.00	31.15 -1.76 0.00	44.01 -2.96 0.00	32.79 -2.08 0.00	27.20 -1.59 0.00	30.31 -1.74 0.00	28.76 -1.91 0.00	30.41 -2.23 0.00	31.21 -1.57 0.00
PACKARD__115KV_DUPONT_184 80571	21.92 -1.93 0.00	21.94 -1.96 0.00	22.31 -1.94 0.00	23.54 -1.98 0.00	22.95 -1.65 0.00	28.21 -1.53 0.00	35.27 -2.21 0.00	37.98 -3.01 0.00	36.48 -2.67 0.00	35.05 -2.02 0.00	35.51 -1.85 0.00	29.97 -1.35 0.00	29.02 -1.21 0.00	31.90 -1.32 0.00	35.61 -1.63 0.00	34.60 -1.84 0.00	31.15 -1.76 0.00	44.01 -2.96 0.00	32.79 -2.08 0.00	27.20 -1.59 0.00	30.31 -1.74 0.00	28.76 -1.91 0.00	30.41 -2.23 0.00	31.21 -1.57 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.80 0.95 0.00	24.81 0.91 0.00	25.16 0.92 0.00	26.39 0.87 0.00	25.47 0.87 0.00	31.03 1.28 0.00	39.83 2.35 0.00	43.83 2.83 0.00	41.77 2.63 0.00	39.38 2.31 0.00	39.77 2.42 0.00	33.23 1.91 0.00	45.08 1.58 -13.28	35.28 2.05 0.00	39.57 2.34 0.00	39.08 2.63 0.00	35.55 2.64 0.00	50.79 3.82 0.00	37.78 2.91 0.00	31.04 2.25 0.00	34.46 2.40 0.00	32.67 2.00 0.00	34.34 1.70 0.00	34.06 1.29 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.93 1.08 0.00	24.93 1.03 0.00	25.34 1.10 0.00	26.60 1.08 0.00	25.68 1.08 0.00	31.30 1.55 0.00	40.16 2.68 0.00	44.18 3.19 0.00	41.98 2.84 0.00	39.62 2.54 0.00	39.97 2.62 0.00	33.39 2.07 0.00	45.23 1.72 -13.28	35.44 2.21 0.00	39.76 2.53 0.00	39.28 2.84 0.00	35.77 2.86 0.00	51.15 4.18 0.00	38.01 3.14 0.00	31.23 2.43 0.00	34.66 2.61 0.00	32.82 2.15 0.00	34.51 1.86 0.00	34.26 1.48 0.00
PATROON__115KV_TB1 80586	24.54 0.69 0.00	24.62 0.72 0.00	24.90 0.66 0.00	26.08 0.56 0.00	25.14 0.54 0.00	30.29 0.54 0.00	38.46 0.98 0.00	42.36 1.37 0.00	40.30 1.15 0.00	38.04 0.96 0.00	38.35 0.99 0.00	31.99 0.68 0.00	30.88 0.66 0.00	34.14 0.91 0.00	38.27 1.03 0.00	37.71 1.26 0.00	34.09 1.18 0.00	48.74 1.78 0.00	36.13 1.25 0.00	29.79 1.00 0.00	33.17 1.11 0.00	31.45 0.78 0.00	33.23 0.59 0.00	33.17 0.40 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.19 -0.66 0.00	23.20 -0.70 0.00	23.57 -0.68 0.00	24.87 -0.65 0.00	24.17 -0.43 0.00	29.72 -0.03 0.00	37.40 -0.08 0.00	40.64 -0.36 0.00	39.11 -0.04 0.00	37.59 0.52 0.00	38.12 0.77 0.00	32.01 0.69 0.00	31.00 0.77 0.00	34.15 0.92 0.00	38.08 0.85 0.00	36.94 0.49 0.00	33.32 0.42 0.00	47.43 0.47 0.00	35.35 0.48 0.00	29.25 0.45 0.00	32.59 0.53 0.00	30.94 0.27 0.00	32.62 -0.02 0.00	33.35 0.58 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.02 1.17 0.00	25.00 1.10 0.00	25.32 1.07 0.00	26.56 1.04 0.00	25.62 1.02 0.00	31.24 1.49 0.00	40.01 2.54 0.00	44.06 3.07 0.00	41.98 2.84 0.00	39.59 2.51 0.00	39.89 2.53 0.00	33.28 1.96 0.00	36.82 1.73 -4.87	35.43 2.20 0.00	39.76 2.52 0.00	39.25 2.80 0.00	35.72 2.81 0.00	51.10 4.13 0.00	38.00 3.12 0.00	31.22 2.43 0.00	34.67 2.61 0.00	32.85 2.18 0.00	34.54 1.90 0.00	34.28 1.51 0.00
PEEKSKILL____ 23653	24.72 0.87 0.00	24.70 0.80 0.00	25.07 0.82 0.00	26.30 0.78 0.00	25.39 0.79 0.00	30.94 1.19 0.00	39.64 2.16 0.00	43.62 2.62 0.00	41.56 2.42 0.00	39.18 2.11 0.00	39.55 2.19 0.00	33.00 1.68 0.00	46.32 1.43 -14.67	35.09 1.86 0.00	39.37 2.13 0.00	38.87 2.42 0.00	35.35 2.44 0.00	50.52 3.56 0.00	37.56 2.69 0.00	30.87 2.08 0.00	34.29 2.23 0.00	32.51 1.85 0.00	34.20 1.56 0.00	33.95 1.18 0.00
PGE MADISON____WINDPWR 24146	24.41 0.56 0.00	24.56 0.66 0.00	24.90 0.65 0.00	26.40 0.88 0.00	25.71 0.92 -0.19	30.89 1.14 0.00	39.98 2.50 0.00	43.79 2.79 0.00	41.94 2.79 0.00	39.98 2.91 0.00	40.29 2.94 0.00	33.50 2.19 0.00	34.40 2.20 -1.96	36.42 2.78 -0.41	40.39 3.09 -0.06	39.90 3.45 0.00	36.51 3.28 -0.31	51.91 4.95 0.00	38.30 3.43 0.00	31.63 2.58 -0.26	35.83 2.54 -1.24	32.86 2.03 -0.17	34.49 1.85 0.00	35.55 1.80 -0.97
PIERCEFIELD____HYD 23852	24.12 0.26 0.00	24.19 0.29 0.00	24.61 0.37 0.00	26.06 0.54 0.00	25.12 0.52 0.00	30.14 0.39 0.00	37.16 -0.32 0.00	40.77 -0.23 0.00	38.95 -0.19 0.00	37.01 -0.07 0.00	37.64 0.29 0.00	31.74 0.42 0.00	30.66 0.43 0.00	33.55 0.32 0.00	37.57 0.34 0.00	36.27 -0.18 0.00	32.41 -0.50 0.00	46.21 -0.75 0.00	34.26 -0.61 0.00	28.40 -0.40 0.00	31.83 -0.23 0.00	31.03 0.36 0.00	33.40 0.76 0.00	33.79 1.02 0.00
PINELAWN_CC_1 323563	25.36 1.51 0.00	25.21 1.31 0.00	25.62 1.38 0.00	26.76 1.24 0.00	25.91 1.31 0.00	31.63 1.88 0.00	40.69 3.21 0.00	44.78 3.79 0.00	42.59 3.44 0.00	40.02 2.94 0.00	40.57 3.21 0.00	33.91 2.59 0.00	45.61 2.16 -13.22	36.07 2.84 0.00	40.60 3.37 0.00	40.50 3.71 -0.35	49.27 3.63 -12.73	59.88 5.31 -7.61	56.03 3.96 -17.20	47.55 3.11 -15.65	42.01 3.32 -6.64	33.63 2.94 -0.02	35.35 2.71 0.00	34.90 2.12 0.00
PJM_GEN_HTP_PROXY 323702	24.77 0.92 0.00	24.74 0.84 0.00	25.08 0.83 0.00	26.31 0.79 0.00	25.39 0.78 0.00	31.01 1.26 0.00	39.72 2.32 0.07	43.75 2.76 0.00	41.73 2.58 0.00	39.34 2.27 0.00	41.16 2.35 -1.45	33.15 1.84 0.00	45.10 1.55 -13.33	35.23 2.01 0.00	39.52 2.28 0.00	39.05 2.60 0.00	35.51 2.60 0.00	51.47 3.73 -0.78	37.72 2.84 0.00	30.95 2.16 0.00	34.37 2.31 0.00	32.59 1.92 0.00	34.29 1.65 0.00	34.02 1.25 0.00
PJM_GEN_KEystone 24065	23.71 -0.14 0.00	23.71 -0.19 0.00	24.02 -0.23 0.00	25.29 -0.23 0.00	23.67 -0.19 0.75	29.79 0.04 0.00	37.81 0.40 0.07	41.52 0.53 0.00	39.70 0.56 0.00	37.71 0.63 0.00	40.43 0.76 -2.32	30.78 0.57 1.11	-5.35 0.45 36.03	32.24 0.68 1.67	37.71 0.74 0.27	37.18 0.73 0.00	32.39 0.81 1.32	48.90 1.16 -0.78	35.79 0.92 0.00	28.41 0.70 1.08	27.72 0.72 5.06	30.47 0.49 0.69	32.83 0.19 0.00	29.05 0.20 3.92
PJM_GEN_NEPTUNE_PROXY 323594	23.08 1.20 1.97	24.94 1.04 0.00	25.33 1.09 0.00	26.48 0.96 0.00	25.63 1.03 0.00	31.25 1.50 0.00	40.09 2.69 0.07	44.16 3.16 0.00	42.03 2.89 0.00	39.55 2.48 0.00	41.51 2.70 -1.45	33.46 2.15 0.00	45.22 1.78 -13.22	35.61 2.38 0.00	40.03 2.80 0.00	39.84 3.10 -0.30	46.38 3.04 -10.44	58.36 4.41 -7.00	52.27 3.30 -14.10	44.56 2.58 -13.19	40.34 2.76 -5.52	33.09 2.40 -0.02	34.82 2.17 0.00	34.41 1.64 0.00
PJM_GEN_VFT_PROXY 323633	24.63 0.78 0.00	24.60 0.70 0.00	24.93 0.68 0.00	26.16 0.64 0.00	25.24 0.65 0.00	30.80 1.05 0.00	39.46 2.06 0.07	43.44 2.44 0.00	41.41 2.27 0.00	39.04 1.98 0.00	40.89 2.09 -1.45	32.92 1.60 0.00	33.57 1.33 -2.02	35.01 1.78 0.00	39.27 2.04 0.00	38.80 2.35 0.00	35.27 2.37 0.00	51.14 3.41 -0.78	37.47 2.60 0.00	30.77 1.98 0.00	34.19 2.13 0.00	32.42 1.76 0.00	34.10 1.45 0.00	33.83 1.05 0.00

PLATSBRG_115KV_PMLD1 355749	24.60 0.76 0.00	24.77 0.87 0.00	25.26 1.02 0.00	26.79 1.27 0.00	25.59 0.99 0.00	30.26 0.51 0.00	37.33 -0.14 0.00	41.33 0.33 0.00	39.51 0.36 0.00	37.59 0.52 0.00	38.38 1.02 0.00	32.40 1.08 0.00	31.31 1.08 0.00	34.62 1.40 0.00	38.72 1.49 0.00	37.99 1.54 0.00	33.96 1.05 0.00	48.29 1.33 0.00	35.84 0.97 0.00	29.86 1.07 0.00	33.22 1.16 0.00	31.99 1.33 0.00	34.21 1.56 0.00	34.81 2.03 0.00
PLEASANTVLY___LBMP 24000	24.72 0.88 0.00	24.73 0.83 0.00	25.06 0.81 0.00	26.29 0.77 0.00	25.34 0.74 0.00	30.82 1.08 0.00	39.39 1.91 0.00	43.36 2.37 0.00	41.30 2.16 0.00	38.92 1.85 0.00	39.27 1.91 0.00	32.76 1.44 0.00	37.91 1.24 -6.44	34.86 1.64 0.00	39.10 1.86 0.00	38.60 2.15 0.00	35.08 2.17 0.00	50.15 3.19 0.00	37.26 2.39 0.00	30.64 1.85 0.00	34.05 1.99 0.00	32.28 1.62 0.00	33.98 1.33 0.00	33.76 0.99 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.81 0.96 0.00	24.79 0.89 0.00	25.12 0.88 0.00	26.36 0.85 0.00	25.42 0.82 0.00	30.99 1.24 0.00	39.68 2.20 0.00	43.69 2.69 0.00	41.62 2.47 0.00	39.25 2.17 0.00	39.60 2.24 0.00	33.04 1.73 0.00	42.07 1.48 -10.36	35.14 1.92 0.00	39.42 2.19 0.00	38.93 2.48 0.00	35.41 2.50 0.00	50.61 3.65 0.00	37.62 2.75 0.00	30.92 2.13 0.00	34.35 2.29 0.00	32.56 1.90 0.00	34.26 1.62 0.00	34.00 1.22 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.81 0.96 0.00	24.79 0.89 0.00	25.12 0.88 0.00	26.36 0.85 0.00	25.42 0.82 0.00	30.99 1.24 0.00	39.68 2.20 0.00	43.69 2.69 0.00	41.62 2.47 0.00	39.25 2.17 0.00	39.60 2.24 0.00	33.04 1.73 0.00	42.07 1.48 -10.36	35.14 1.92 0.00	39.42 2.19 0.00	38.93 2.48 0.00	35.41 2.50 0.00	50.61 3.65 0.00	37.62 2.75 0.00	30.92 2.13 0.00	34.35 2.29 0.00	32.56 1.90 0.00	34.26 1.62 0.00	34.00 1.22 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.89 1.04 0.00	24.90 1.01 0.00	25.21 0.96 0.00	26.46 0.94 0.00	25.52 0.92 0.00	31.05 1.30 0.00	39.69 2.21 0.00	43.71 2.72 0.00	41.63 2.48 0.00	39.20 2.13 0.00	39.50 2.15 0.00	32.96 1.64 0.00	31.69 1.47 0.00	35.13 1.90 0.00	39.41 2.18 0.00	38.90 2.46 0.00	35.41 2.50 0.00	50.64 3.68 0.00	37.65 2.78 0.00	30.96 2.17 0.00	34.38 2.32 0.00	32.58 1.91 0.00	34.26 1.62 0.00	34.03 1.26 0.00
POLETTI____ 23519	24.72 0.87 0.00	24.70 0.80 0.00	25.03 0.79 0.00	26.26 0.74 0.00	25.35 0.75 0.00	30.93 1.18 0.00	39.69 2.21 0.00	43.63 2.64 0.00	41.62 2.47 0.00	39.24 2.17 0.00	39.62 2.26 0.00	33.10 1.78 0.00	45.03 1.49 -13.31	35.17 1.95 0.00	39.45 2.22 0.00	38.97 2.53 0.00	35.44 2.53 0.00	50.58 3.61 0.00	37.63 2.76 0.00	30.90 2.11 0.00	34.31 2.25 0.00	32.53 1.86 0.00	34.22 1.57 0.00	33.95 1.17 0.00
POMONA___ESR 323819	24.70 0.85 0.00	24.68 0.78 0.00	24.96 0.71 0.00	26.21 0.69 0.00	25.28 0.69 0.00	30.78 1.03 0.00	39.42 1.94 0.00	43.36 2.36 0.00	41.30 2.16 0.00	38.94 1.87 0.00	39.31 1.95 0.00	32.79 1.47 0.00	41.97 1.18 -10.56	34.80 1.57 0.00	39.05 1.82 0.00	38.52 2.08 0.00	35.06 2.15 0.00	50.16 3.20 0.00	37.28 2.41 0.00	30.66 1.86 0.00	34.05 1.99 0.00	32.29 1.63 0.00	33.99 1.35 0.00	33.75 0.97 0.00
PORT_JEFF_3 23555	24.45 1.72 1.12	25.39 1.49 0.00	25.80 1.55 0.00	26.93 1.41 0.00	26.10 1.50 0.00	31.88 2.13 0.00	41.07 3.59 0.00	45.17 4.17 0.00	42.95 3.81 0.00	40.32 3.24 0.00	40.83 3.47 0.00	34.11 2.80 0.00	45.81 2.37 -13.22	36.32 3.09 0.00	40.94 3.70 0.00	40.83 4.06 -0.32	48.57 3.97 -11.69	59.81 5.85 -7.00	55.04 4.38 -15.80	46.47 3.43 -14.25	41.79 3.66 -6.07	33.96 3.28 -0.02	35.68 3.03 0.00	35.20 2.42 0.00
PORT_JEFF_4 23616	24.45 1.72 1.12	25.39 1.49 0.00	25.80 1.55 0.00	26.93 1.41 0.00	26.10 1.50 0.00	31.88 2.13 0.00	41.07 3.59 0.00	45.17 4.17 0.00	42.95 3.81 0.00	40.32 3.24 0.00	40.83 3.47 0.00	34.11 2.80 0.00	45.81 2.37 -13.22	36.32 3.09 0.00	40.94 3.70 0.00	40.83 4.06 -0.32	48.57 3.97 -11.69	59.81 5.85 -7.00	55.04 4.38 -15.80	46.47 3.43 -14.25	41.79 3.66 -6.07	33.96 3.28 -0.02	35.68 3.03 0.00	35.20 2.42 0.00
PORT_JEFF_IC 23713	24.52 1.74 1.08	25.41 1.50 0.00	25.82 1.57 0.00	26.94 1.42 0.00	26.12 1.52 0.00	31.91 2.16 0.00	41.11 3.63 0.00	45.23 4.23 0.00	43.00 3.85 0.00	40.36 3.29 0.00	40.87 3.51 0.00	34.14 2.83 0.00	45.84 2.40 -13.22	36.35 3.12 0.00	40.98 3.74 0.00	40.89 4.13 -0.32	48.67 4.03 -11.73	59.93 5.95 -7.02	55.17 4.45 -15.85	46.58 3.48 -14.30	41.87 3.72 -6.09	34.02 3.33 -0.02	35.74 3.10 0.00	35.25 2.47 0.00
PPL PILGRIM_ST_GT1 24216	24.62 1.69 0.92	25.39 1.49 0.00	25.81 1.57 0.00	26.93 1.41 0.00	26.11 1.51 0.00	31.86 2.11 0.00	41.01 3.53 0.00	45.08 4.08 0.00	42.90 3.75 0.00	40.30 3.23 0.00	40.88 3.52 0.00	34.16 2.85 0.00	45.84 2.40 -13.22	36.37 3.14 0.00	40.92 3.69 0.00	40.79 4.02 -0.32	48.68 3.91 -11.86	59.79 5.73 -7.10	55.17 4.27 -16.02	46.63 3.36 -14.48	41.81 3.59 -6.16	33.89 3.21 -0.02	35.65 3.00 0.00	35.19 2.41 0.00
PPL PILGRIM_ST_GT2 24217	24.62 1.69 0.92	25.39 1.49 0.00	25.81 1.57 0.00	26.93 1.41 0.00	26.11 1.51 0.00	31.86 2.11 0.00	41.01 3.53 0.00	45.08 4.08 0.00	42.90 3.75 0.00	40.30 3.23 0.00	40.88 3.52 0.00	34.16 2.85 0.00	45.84 2.40 -13.22	36.37 3.14 0.00	40.92 3.69 0.00	40.79 4.02 -0.32	48.68 3.91 -11.86	59.79 5.73 -7.10	55.17 4.27 -16.02	46.63 3.36 -14.48	41.81 3.59 -6.16	33.89 3.21 -0.02	35.65 3.00 0.00	35.19 2.41 0.00
PPL_SHRM_GT3 24213	24.62 1.88 1.10	25.53 1.63 0.00	25.94 1.69 0.00	27.08 1.56 0.00	26.25 1.65 0.00	32.10 2.35 0.00	41.40 3.92 0.00	45.55 4.55 0.00	43.26 4.11 0.00	40.52 3.44 0.00	40.97 3.62 0.00	34.23 2.91 0.00	45.92 2.47 -13.22	36.45 3.22 0.00	41.18 3.95 0.00	41.13 4.37 -0.32	48.90 4.29 -11.71	60.30 6.33 -7.01	55.43 4.75 -15.81	46.78 3.72 -14.27	42.11 3.98 -6.08	34.28 3.59 -0.02	35.98 3.33 0.00	35.45 2.68 0.00
PPL_SHRM_GT4 24214	24.62 1.88 1.10	25.53 1.63 0.00	25.94 1.69 0.00	27.08 1.56 0.00	26.25 1.65 0.00	32.10 2.35 0.00	41.40 3.92 0.00	45.55 4.55 0.00	43.26 4.11 0.00	40.52 3.44 0.00	40.97 3.62 0.00	34.23 2.91 0.00	45.92 2.47 -13.22	36.45 3.22 0.00	41.18 3.95 0.00	41.13 4.37 -0.32	48.90 4.29 -11.71	60.30 6.33 -7.01	55.43 4.75 -15.81	46.78 3.72 -14.27	42.11 3.98 -6.08	34.28 3.59 -0.02	35.98 3.33 0.00	35.45 2.68 0.00
PROJECT___ORANGE I 24174	23.37 -0.48 0.00	23.41 -0.49 0.00	23.73 -0.51 0.00	24.97 -0.55 0.00	24.10 -0.49 0.00	29.23 -0.52 0.00	36.94 -0.54 0.00	40.25 -0.75 0.00	38.46 -0.69 0.00	36.53 -0.54 0.00	36.84 -0.51 0.00	30.89 -0.43 0.00	29.81 -0.42 0.00	32.83 -0.40 0.00	36.76 -0.48 0.00	36.04 -0.40 0.00	32.65 -0.26 0.00	46.57 -0.39 0.00	34.62 -0.25 0.00	28.55 -0.24 0.00	31.72 -0.34 0.00	30.19 -0.48 0.00	31.99 -0.65 0.00	32.20 -0.58 0.00

PROJECT___ORANGE 2 24166	23.37 -0.48 0.00	23.41 -0.49 0.00	23.73 -0.51 0.00	24.97 -0.55 0.00	24.10 -0.49 0.00	29.23 -0.52 0.00	36.94 -0.54 0.00	40.25 -0.75 0.00	38.46 -0.69 0.00	36.53 -0.54 0.00	36.84 -0.51 0.00	30.89 -0.43 0.00	29.81 -0.42 0.00	32.83 -0.40 0.00	36.76 -0.48 0.00	36.04 -0.40 0.00	32.65 -0.26 0.00	46.57 -0.39 0.00	34.62 -0.25 0.00	28.55 -0.24 0.00	31.72 -0.34 0.00	30.19 -0.48 0.00	31.99 -0.65 0.00	32.20 -0.58 0.00
PUCKETT___SOLAR 323809	23.77 -0.08 0.00	23.85 -0.05 0.00	24.16 -0.09 0.00	25.49 -0.03 0.00	24.83 -0.03 -0.26	29.82 0.07 0.00	38.06 0.58 0.00	41.68 0.68 0.00	39.87 0.72 0.00	37.90 0.82 0.00	38.07 0.71 0.00	31.86 0.55 0.00	33.32 0.46 -2.63	34.42 0.64 -0.55	38.13 0.81 -0.09	37.35 0.90 0.00	34.27 0.93 -0.43	48.41 1.45 0.00	35.91 1.04 0.00	29.94 0.79 -0.35	34.42 0.70 -1.66	31.38 0.49 -0.23	32.90 0.26 0.00	34.35 0.26 -1.32
PYRITES___HYD 24023	24.59 0.74 0.00	24.66 0.76 0.00	25.09 0.84 0.00	26.54 1.02 0.00	25.60 1.00 0.00	30.81 1.05 0.00	38.19 0.71 0.00	41.92 0.93 0.00	40.04 0.90 0.00	38.00 0.92 0.00	38.61 1.26 0.00	32.55 1.23 0.00	31.47 1.25 0.00	34.39 1.17 0.00	38.51 1.27 0.00	37.22 0.77 0.00	33.29 0.38 0.00	47.51 0.55 0.00	35.16 0.28 0.00	29.13 0.34 0.00	32.60 0.54 0.00	31.69 1.02 0.00	34.06 1.42 0.00	34.42 1.65 0.00
QUAKERRD_115KV_BK1 80622	22.49 -1.36 0.00	22.51 -1.39 0.00	22.85 -1.40 0.00	24.07 -1.44 0.00	23.34 -1.27 0.00	28.51 -1.24 0.00	35.95 -1.53 0.00	39.16 -1.83 0.00	37.55 -1.59 0.00	35.81 -1.27 0.00	36.18 -1.18 0.00	30.36 -0.96 0.00	29.32 -0.91 0.00	32.27 -0.95 0.00	36.12 -1.12 0.00	35.29 -1.16 0.00	31.89 -1.02 0.00	45.45 -1.51 0.00	33.80 -1.07 0.00	27.89 -0.90 0.00	31.00 -1.06 0.00	29.47 -1.20 0.00	31.17 -1.47 0.00	31.53 -1.25 0.00
QUENSBRY_115KV_TB8 356137	25.53 1.68 0.00	25.61 1.71 0.00	25.94 1.69 0.00	27.07 1.55 0.00	25.83 1.23 0.00	31.05 1.30 0.00	39.38 1.90 0.00	43.72 2.73 0.00	41.48 2.33 0.00	39.18 2.10 0.00	39.40 2.05 0.00	32.58 1.27 0.00	31.41 1.18 0.00	34.62 1.39 0.00	38.73 1.50 0.00	38.21 1.76 0.00	34.73 1.82 0.00	49.70 2.74 0.00	36.71 1.84 0.00	30.26 1.47 0.00	33.74 1.68 0.00	31.88 1.22 0.00	33.74 1.10 0.00	33.66 0.88 0.00
RAMAPO___LBMP 323565	24.62 0.77 0.00	24.59 0.69 0.00	24.87 0.63 0.00	26.13 0.61 0.00	25.20 0.60 0.00	30.66 0.91 0.00	39.26 1.78 0.00	43.19 2.19 0.00	41.12 1.98 0.00	38.77 1.70 0.00	39.13 1.77 0.00	32.63 1.32 0.00	10.21 1.03 21.05	34.63 1.40 0.00	38.87 1.63 0.00	38.34 1.89 0.00	34.89 1.98 0.00	49.91 2.95 0.00	37.09 2.22 0.00	30.50 1.71 0.00	33.88 1.83 0.00	32.14 1.48 0.00	33.83 1.19 0.00	33.61 0.84 0.00
RANKINE____ 23646	22.59 -1.26 0.00	22.61 -1.29 0.00	22.97 -1.27 0.00	24.24 -1.28 0.00	23.58 -1.02 0.00	29.06 -0.70 0.00	36.55 -0.92 0.00	39.70 -1.29 0.00	38.22 -0.93 0.00	36.72 -0.36 0.00	37.27 -0.08 0.00	31.27 -0.05 0.00	30.28 0.05 0.00	33.35 0.12 0.00	37.21 -0.02 0.00	36.12 -0.33 0.00	32.61 -0.30 0.00	46.38 -0.58 0.00	34.59 -0.28 0.00	28.63 -0.17 0.00	31.87 -0.18 0.00	30.26 -0.40 0.00	31.92 -0.73 0.00	32.62 -0.16 0.00
RAVENSWOOD_GT2_1 24244	24.79 0.94 0.00	24.77 0.87 0.00	25.10 0.86 0.00	26.33 0.82 0.00	25.41 0.81 0.00	31.00 1.25 0.00	39.77 2.29 0.00	43.75 2.76 0.00	41.72 2.57 0.00	39.34 2.27 0.00	39.72 2.37 0.00	33.16 1.85 0.00	45.07 1.56 -13.28	35.25 2.02 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.71 3.75 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.40 2.34 0.00	32.62 1.96 0.00	34.31 1.67 0.00	34.04 1.26 0.00
RAVENSWOOD_GT2_2 24245	24.79 0.94 0.00	24.77 0.87 0.00	25.10 0.86 0.00	26.33 0.82 0.00	25.41 0.81 0.00	31.00 1.25 0.00	39.77 2.29 0.00	43.75 2.76 0.00	41.72 2.57 0.00	39.34 2.27 0.00	39.72 2.37 0.00	33.16 1.85 0.00	45.07 1.56 -13.28	35.25 2.02 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.71 3.75 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.40 2.34 0.00	32.62 1.96 0.00	34.31 1.67 0.00	34.04 1.26 0.00
RAVENSWOOD_GT2_3 24246	24.79 0.94 0.00	24.77 0.87 0.00	25.11 0.86 0.00	26.34 0.82 0.00	25.42 0.82 0.00	31.01 1.26 0.00	39.79 2.31 0.00	43.76 2.77 0.00	41.74 2.59 0.00	39.36 2.28 0.00	39.73 2.38 0.00	33.17 1.86 0.00	45.08 1.58 -13.28	35.27 2.05 0.00	39.56 2.32 0.00	39.07 2.62 0.00	35.53 2.62 0.00	50.74 3.78 0.00	37.75 2.87 0.00	31.00 2.21 0.00	34.42 2.36 0.00	32.64 1.98 0.00	34.33 1.68 0.00	34.06 1.28 0.00
RAVENSWOOD_GT2_4 24247	24.79 0.94 0.00	24.77 0.87 0.00	25.11 0.86 0.00	26.34 0.82 0.00	25.42 0.82 0.00	31.01 1.26 0.00	39.79 2.31 0.00	43.76 2.77 0.00	41.74 2.59 0.00	39.36 2.28 0.00	39.73 2.38 0.00	33.17 1.86 0.00	45.08 1.58 -13.28	35.27 2.05 0.00	39.56 2.32 0.00	39.07 2.62 0.00	35.53 2.62 0.00	50.74 3.78 0.00	37.75 2.87 0.00	31.00 2.21 0.00	34.42 2.36 0.00	32.64 1.98 0.00	34.33 1.68 0.00	34.06 1.28 0.00
RAVENSWOOD_GT3_1 24248	24.79 0.94 0.00	24.77 0.87 0.00	25.10 0.86 0.00	26.33 0.82 0.00	25.41 0.81 0.00	31.00 1.25 0.00	39.77 2.29 0.00	43.75 2.76 0.00	41.72 2.57 0.00	39.34 2.27 0.00	39.72 2.37 0.00	33.16 1.85 0.00	45.07 1.57 -13.28	35.25 2.02 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.71 3.75 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.40 2.34 0.00	32.62 1.96 0.00	34.31 1.67 0.00	34.04 1.26 0.00
RAVENSWOOD_GT3_2 24249	24.79 0.94 0.00	24.77 0.87 0.00	25.10 0.86 0.00	26.33 0.82 0.00	25.41 0.81 0.00	31.00 1.25 0.00	39.77 2.29 0.00	43.75 2.76 0.00	41.72 2.57 0.00	39.34 2.27 0.00	39.72 2.37 0.00	33.16 1.85 0.00	45.07 1.57 -13.28	35.25 2.02 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.71 3.75 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.40 2.34 0.00	32.62 1.96 0.00	34.31 1.67 0.00	34.04 1.26 0.00
RAVENSWOOD_GT3_3 24250	24.81 0.96 0.00	24.80 0.90 0.00	25.13 0.88 0.00	26.36 0.84 0.00	25.44 0.84 0.00	31.04 1.29 0.00	39.83 2.35 0.00	43.82 2.82 0.00	41.79 2.64 0.00	39.41 2.33 0.00	39.79 2.43 0.00	33.22 1.90 0.00	45.11 1.61 -13.28	35.31 2.08 0.00	39.61 2.37 0.00	39.12 2.68 0.00	35.57 2.66 0.00	50.80 3.84 0.00	37.79 2.92 0.00	31.03 2.24 0.00	34.46 2.40 0.00	32.67 2.01 0.00	34.36 1.72 0.00	34.09 1.31 0.00
RAVENSWOOD_GT3_4 24251	24.81 0.96 0.00	24.80 0.90 0.00	25.13 0.88 0.00	26.36 0.84 0.00	25.44 0.84 0.00	31.04 1.29 0.00	39.83 2.35 0.00	43.82 2.82 0.00	41.79 2.64 0.00	39.41 2.33 0.00	39.79 2.43 0.00	33.22 1.90 0.00	45.11 1.61 -13.28	35.31 2.08 0.00	39.61 2.37 0.00	39.12 2.68 0.00	35.57 2.66 0.00	50.80 3.84 0.00	37.79 2.92 0.00	31.03 2.24 0.00	34.46 2.40 0.00	32.67 2.01 0.00	34.36 1.72 0.00	34.09 1.31 0.00

RAVENSWOOD_GT_1 23729	24.80 0.95 0.00	24.79 0.89 0.00	25.12 0.87 0.00	26.35 0.83 0.00	25.43 0.83 0.00	31.03 1.28 0.00	39.83 2.36 0.00	43.82 2.82 0.00	41.80 2.65 0.00	39.42 2.34 0.00	39.80 2.45 0.00	33.24 1.93 0.00	45.13 1.63 -13.28	35.33 2.10 0.00	39.61 2.38 0.00	39.13 2.69 0.00	35.58 2.67 0.00	50.80 3.84 0.00	37.80 2.93 0.00	31.04 2.25 0.00	34.48 2.42 0.00	32.69 2.03 0.00	34.36 1.71 0.00	34.08 1.30 0.00
RAVENSWOOD_GT_10 24258	24.79 0.94 0.00	24.77 0.87 0.00	25.10 0.86 0.00	26.33 0.82 0.00	25.41 0.81 0.00	31.00 1.25 0.00	39.77 2.29 0.00	43.76 2.76 0.00	41.72 2.57 0.00	39.34 2.27 0.00	39.72 2.37 0.00	33.16 1.85 0.00	45.07 1.57 -13.28	35.25 2.02 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.71 3.75 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.40 2.34 0.00	32.62 1.96 0.00	34.31 1.67 0.00	34.04 1.27 0.00
RAVENSWOOD_GT_11 24259	24.79 0.94 0.00	24.77 0.87 0.00	25.10 0.86 0.00	26.33 0.82 0.00	25.41 0.81 0.00	31.00 1.25 0.00	39.77 2.29 0.00	43.76 2.76 0.00	41.72 2.57 0.00	39.34 2.27 0.00	39.72 2.37 0.00	33.16 1.85 0.00	45.07 1.57 -13.28	35.25 2.02 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.71 3.75 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.40 2.34 0.00	32.62 1.96 0.00	34.31 1.67 0.00	34.04 1.27 0.00
RAVENSWOOD_GT_4 24252	24.79 0.94 0.00	24.78 0.88 0.00	25.11 0.86 0.00	26.34 0.82 0.00	25.42 0.82 0.00	31.01 1.26 0.00	39.79 2.31 0.00	43.76 2.76 0.00	41.72 2.58 0.00	39.35 2.27 0.00	39.72 2.37 0.00	33.16 1.85 0.00	45.08 1.57 -13.28	35.26 2.03 0.00	39.54 2.31 0.00	39.07 2.62 0.00	35.52 2.61 0.00	50.72 3.76 0.00	37.73 2.86 0.00	30.99 2.20 0.00	34.41 2.35 0.00	32.63 1.97 0.00	34.32 1.68 0.00	34.06 1.28 0.00
RAVENSWOOD_GT_5 24254	24.79 0.94 0.00	24.78 0.88 0.00	25.11 0.86 0.00	26.34 0.82 0.00	25.42 0.82 0.00	31.01 1.26 0.00	39.79 2.31 0.00	43.76 2.76 0.00	41.72 2.58 0.00	39.35 2.27 0.00	39.72 2.37 0.00	33.16 1.85 0.00	45.08 1.57 -13.28	35.26 2.03 0.00	39.54 2.31 0.00	39.07 2.62 0.00	35.52 2.61 0.00	50.72 3.76 0.00	37.73 2.86 0.00	30.99 2.20 0.00	34.41 2.35 0.00	32.63 1.97 0.00	34.32 1.68 0.00	34.06 1.28 0.00
RAVENSWOOD_GT_6 24253	24.79 0.94 0.00	24.78 0.88 0.00	25.11 0.86 0.00	26.34 0.82 0.00	25.42 0.82 0.00	31.01 1.26 0.00	39.79 2.31 0.00	43.76 2.76 0.00	41.72 2.58 0.00	39.35 2.27 0.00	39.72 2.37 0.00	33.16 1.85 0.00	45.08 1.57 -13.28	35.26 2.03 0.00	39.54 2.31 0.00	39.07 2.62 0.00	35.52 2.61 0.00	50.72 3.76 0.00	37.73 2.86 0.00	30.99 2.20 0.00	34.41 2.35 0.00	32.63 1.97 0.00	34.32 1.68 0.00	34.06 1.28 0.00
RAVENSWOOD_GT_7 24255	24.79 0.94 0.00	24.78 0.88 0.00	25.11 0.86 0.00	26.34 0.82 0.00	25.42 0.82 0.00	31.01 1.26 0.00	39.79 2.31 0.00	43.76 2.76 0.00	41.72 2.58 0.00	39.35 2.27 0.00	39.72 2.37 0.00	33.16 1.85 0.00	45.08 1.57 -13.28	35.26 2.03 0.00	39.54 2.31 0.00	39.07 2.62 0.00	35.52 2.61 0.00	50.72 3.76 0.00	37.73 2.86 0.00	30.99 2.20 0.00	34.41 2.35 0.00	32.63 1.97 0.00	34.32 1.68 0.00	34.06 1.28 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.79 0.94 0.00	24.77 0.87 0.00	25.10 0.86 0.00	26.33 0.82 0.00	25.41 0.81 0.00	31.00 1.25 0.00	39.77 2.29 0.00	43.76 2.76 0.00	41.72 2.57 0.00	39.34 2.27 0.00	39.72 2.37 0.00	33.16 1.85 0.00	45.07 1.57 -13.28	35.25 2.02 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.71 3.75 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.40 2.34 0.00	32.62 1.96 0.00	34.31 1.67 0.00	34.04 1.27 0.00
RAVENSWOOD_GT_9 24257	24.79 0.94 0.00	24.77 0.87 0.00	25.10 0.86 0.00	26.33 0.82 0.00	25.41 0.81 0.00	31.00 1.25 0.00	39.77 2.29 0.00	43.76 2.76 0.00	41.72 2.57 0.00	39.34 2.27 0.00	39.72 2.37 0.00	33.16 1.85 0.00	45.07 1.57 -13.28	35.25 2.02 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.71 3.75 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.40 2.34 0.00	32.62 1.96 0.00	34.31 1.67 0.00	34.04 1.27 0.00
RAVENSWOOD___1 23533	24.76 0.91 0.00	24.74 0.84 0.00	25.08 0.83 0.00	26.31 0.79 0.00	25.39 0.79 0.00	30.97 1.22 0.00	39.76 2.28 0.00	43.74 2.74 0.00	41.71 2.57 0.00	39.34 2.26 0.00	39.72 2.37 0.00	33.17 1.85 0.00	45.06 1.55 -13.28	35.25 2.02 0.00	39.54 2.30 0.00	39.05 2.61 0.00	35.51 2.60 0.00	50.70 3.74 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.41 2.35 0.00	32.61 1.95 0.00	34.29 1.65 0.00	34.01 1.24 0.00
RAVENSWOOD___2 23534	24.76 0.91 0.00	24.74 0.84 0.00	25.08 0.83 0.00	26.31 0.79 0.00	25.39 0.79 0.00	30.97 1.22 0.00	39.76 2.28 0.00	43.74 2.74 0.00	41.71 2.57 0.00	39.34 2.26 0.00	39.72 2.37 0.00	33.17 1.85 0.00	45.06 1.55 -13.28	35.25 2.02 0.00	39.54 2.30 0.00	39.05 2.61 0.00	35.51 2.60 0.00	50.70 3.74 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.41 2.35 0.00	32.61 1.95 0.00	34.29 1.65 0.00	34.01 1.24 0.00
RAVENSWOOD___3 23535	24.79 0.94 0.00	24.77 0.87 0.00	25.10 0.86 0.00	26.33 0.82 0.00	25.41 0.81 0.00	31.00 1.25 0.00	39.78 2.30 0.00	43.76 2.76 0.00	41.72 2.58 0.00	39.35 2.27 0.00	39.72 2.37 0.00	33.16 1.85 0.00	45.07 1.57 -13.28	35.25 2.02 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.52 2.61 0.00	50.71 3.75 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.41 2.35 0.00	32.62 1.95 0.00	34.31 1.67 0.00	34.04 1.27 0.00
RAVENSWOOD___4 23820	24.76 0.91 0.00	24.74 0.84 0.00	25.08 0.83 0.00	26.31 0.79 0.00	25.39 0.79 0.00	30.97 1.22 0.00	39.76 2.28 0.00	43.74 2.74 0.00	41.71 2.57 0.00	39.34 2.26 0.00	39.72 2.37 0.00	33.17 1.85 0.00	45.06 1.55 -13.28	35.25 2.02 0.00	39.54 2.30 0.00	39.05 2.61 0.00	35.51 2.60 0.00	50.70 3.74 0.00	37.72 2.85 0.00	30.98 2.19 0.00	34.41 2.35 0.00	32.61 1.95 0.00	34.29 1.65 0.00	34.01 1.24 0.00
RCPI_TRUST___DRP 24196	24.80 0.95 0.00	24.78 0.88 0.00	25.11 0.87 0.00	26.34 0.82 0.00	25.43 0.83 0.00	31.06 1.31 0.00	39.87 2.39 0.00	43.84 2.85 0.00	41.83 2.68 0.00	39.45 2.37 0.00	39.80 2.45 0.00	33.24 1.92 0.00	45.19 1.63 -13.33	35.33 2.10 0.00	39.63 2.40 0.00	39.16 2.71 0.00	35.60 2.69 0.00	50.82 3.85 0.00	37.81 2.94 0.00	31.02 2.23 0.00	34.45 2.40 0.00	32.67 2.00 0.00	34.36 1.72 0.00	34.09 1.31 0.00
RED___ROCHESTER 323720	23.01 -0.84 0.00	23.01 -0.88 0.00	23.36 -0.88 0.00	24.62 -0.90 0.00	23.58 -0.70 0.33	29.25 -0.50 0.00	36.91 -0.57 0.00	40.21 -0.79 0.00	38.63 -0.52 0.00	36.90 -0.17 0.00	37.31 -0.04 0.00	31.32 0.00 0.00	27.01 0.03 3.24	32.63 0.08 0.67	37.14 0.02 0.11	36.35 -0.09 0.00	32.32 -0.06 0.53	46.82 -0.14 0.00	34.84 -0.03 0.00	28.33 -0.02 0.44	29.93 -0.08 2.04	30.08 -0.30 0.28	32.07 -0.58 0.00	30.83 -0.30 1.64

REGAN____SOLAR 323812	25.91 2.06 0.00	25.85 1.95 0.00	26.17 1.93 0.00	27.68 2.16 0.00	26.78 2.19 0.00	32.45 2.70 0.00	41.48 4.00 0.00	45.50 4.51 0.00	43.46 4.31 0.00	40.90 3.82 0.00	40.89 3.54 0.00	34.11 2.79 0.00	32.99 2.76 0.00	36.51 3.28 0.00	41.04 3.81 0.00	40.48 4.03 0.00	36.99 4.08 0.00	52.89 5.93 0.00	39.25 4.38 0.00	32.39 3.60 0.00	35.86 3.80 0.00	34.07 3.40 0.00	36.02 3.38 0.00	36.06 3.28 0.00
RENSSELAER____COGEN 23796	24.42 0.57 0.00	24.51 0.61 0.00	24.80 0.55 0.00	25.96 0.44 0.00	25.02 0.42 0.00	30.16 0.41 0.00	38.27 0.79 0.00	42.15 1.15 0.00	40.08 0.94 0.00	37.81 0.74 0.00	38.12 0.77 0.00	31.80 0.49 0.00	30.70 0.47 0.00	33.93 0.70 0.00	38.02 0.79 0.00	37.49 1.04 0.00	33.88 0.97 0.00	48.44 1.48 0.00	35.90 1.03 0.00	29.62 0.82 0.00	32.99 0.93 0.00	31.28 0.61 0.00	33.07 0.42 0.00	33.01 0.23 0.00
REPUBLIC_115KV_BARTNBRK 55605	26.04 2.19 0.00	26.10 2.20 0.00	26.50 2.25 0.00	27.65 2.13 0.00	26.34 1.74 0.00	32.11 2.36 0.00	40.77 3.29 0.00	45.56 4.56 0.00	43.26 4.11 0.00	40.93 3.86 0.00	41.05 3.70 0.00	33.92 2.60 0.00	32.72 2.49 0.00	36.22 2.99 0.00	40.45 3.21 0.00	39.97 3.52 0.00	36.53 3.62 0.00	52.17 5.21 0.00	38.28 3.41 0.00	31.58 2.79 0.00	34.87 2.82 0.00	32.75 2.08 0.00	34.67 2.03 0.00	34.57 1.79 0.00
REVERE_CPPR_DRP 24186	24.17 0.32 0.00	24.19 0.29 0.00	24.56 0.31 0.00	25.97 0.46 0.00	25.10 0.50 0.00	30.49 0.73 0.00	38.71 1.23 0.00	42.55 1.55 0.00	40.74 1.59 0.00	38.75 1.68 0.00	39.14 1.79 0.00	32.79 1.47 0.00	31.63 1.40 0.00	34.84 1.61 0.00	38.91 1.67 0.00	38.25 1.80 0.00	34.70 1.79 0.00	49.41 2.45 0.00	36.71 1.84 0.00	30.28 1.49 0.00	33.65 1.60 0.00	32.03 1.37 0.00	33.92 1.27 0.00	33.88 1.10 0.00
REYNOLDS_115KV_TB3 80639	24.61 0.77 0.00	24.69 0.79 0.00	24.99 0.75 0.00	26.16 0.65 0.00	25.20 0.60 0.00	30.38 0.62 0.00	38.54 1.06 0.00	42.44 1.45 0.00	40.35 1.21 0.00	38.07 1.00 0.00	38.39 1.03 0.00	32.03 0.71 0.00	30.91 0.69 0.00	34.19 0.96 0.00	38.28 1.05 0.00	37.75 1.31 0.00	34.09 1.18 0.00	48.77 1.81 0.00	36.12 1.25 0.00	29.80 1.00 0.00	33.22 1.17 0.00	31.48 0.81 0.00	33.29 0.64 0.00	33.25 0.48 0.00
RIVERBAY____ 323610	24.93 1.08 0.00	24.93 1.03 0.00	25.34 1.10 0.00	26.60 1.08 0.00	25.68 1.08 0.00	31.30 1.55 0.00	40.16 2.68 0.00	44.18 3.19 0.00	41.98 2.84 0.00	39.62 2.54 0.00	39.97 2.62 0.00	33.39 2.07 0.00	45.23 1.72 -13.28	35.44 2.21 0.00	39.76 2.53 0.00	39.28 2.84 0.00	35.77 2.86 0.00	51.15 4.18 0.00	38.01 3.14 0.00	31.23 2.43 0.00	34.66 2.61 0.00	32.82 2.15 0.00	34.51 1.86 0.00	34.26 1.48 0.00
RIVERSDE_115KV_TB3 55908	24.53 0.68 0.00	24.61 0.71 0.00	24.91 0.66 0.00	26.07 0.56 0.00	25.13 0.53 0.00	30.28 0.53 0.00	38.43 0.95 0.00	42.32 1.32 0.00	40.24 1.09 0.00	37.99 0.91 0.00	38.29 0.93 0.00	31.95 0.63 0.00	30.83 0.61 0.00	34.09 0.87 0.00	38.20 0.96 0.00	37.65 1.21 0.00	34.02 1.11 0.00	48.67 1.70 0.00	36.05 1.18 0.00	29.73 0.94 0.00	33.13 1.08 0.00	31.40 0.74 0.00	33.20 0.55 0.00	33.15 0.37 0.00
ROARING____BROOK_WT_PWR 323790	23.26 -0.59 0.00	23.27 -0.62 0.00	23.83 -0.42 0.00	25.45 -0.07 0.00	24.51 -0.09 0.00	29.52 -0.23 0.00	36.96 -0.52 0.00	40.51 -0.48 0.00	38.72 -0.42 0.00	36.83 -0.25 0.00	37.17 -0.19 0.00	31.21 -0.10 0.00	30.14 -0.08 0.00	33.11 -0.12 0.00	37.06 -0.17 0.00	36.19 -0.26 0.00	32.62 -0.30 0.00	46.60 -0.36 0.00	34.61 -0.26 0.00	28.62 -0.17 0.00	31.90 -0.15 0.00	30.64 -0.03 0.00	32.74 0.09 0.00	32.94 0.16 0.00
ROCHESRG_115KV_T4 355643	22.80 -1.05 0.00	22.81 -1.09 0.00	23.16 -1.09 0.00	24.41 -1.11 0.00	23.68 -0.92 0.00	28.97 -0.78 0.00	36.50 -0.98 0.00	39.74 -1.26 0.00	38.15 -0.99 0.00	36.43 -0.64 0.00	36.84 -0.51 0.00	30.92 -0.39 0.00	29.87 -0.36 0.00	32.88 -0.35 0.00	36.77 -0.47 0.00	35.88 -0.57 0.00	32.40 -0.51 0.00	46.16 -0.80 0.00	34.35 -0.52 0.00	28.38 -0.42 0.00	31.54 -0.52 0.00	29.98 -0.69 0.00	31.69 -0.95 0.00	32.14 -0.64 0.00
ROCHESTER_9_IC 23652	22.92 -0.93 0.00	22.92 -0.98 0.00	23.27 -0.98 0.00	24.53 -0.99 0.00	23.81 -0.79 0.00	29.13 -0.62 0.00	36.73 -0.75 0.00	40.00 -0.99 0.00	38.42 -0.72 0.00	36.70 -0.38 0.00	37.11 -0.25 0.00	31.15 -0.17 0.00	30.08 -0.14 0.00	33.11 -0.12 0.00	37.04 -0.19 0.00	36.15 -0.30 0.00	32.65 -0.26 0.00	46.52 -0.44 0.00	34.62 -0.25 0.00	28.59 -0.20 0.00	31.77 -0.28 0.00	30.19 -0.48 0.00	31.89 -0.75 0.00	32.33 -0.44 0.00
ROCKVIEW_13_KV_LD 356306	24.85 1.00 0.00	24.83 0.93 0.00	25.16 0.92 0.00	26.40 0.88 0.00	25.47 0.87 0.00	31.07 1.32 0.00	39.83 2.35 0.00	43.84 2.84 0.00	41.77 2.62 0.00	39.38 2.31 0.00	39.75 2.39 0.00	33.17 1.86 0.00	45.14 1.60 -13.31	35.28 2.05 0.00	39.57 2.34 0.00	39.08 2.63 0.00	35.54 2.64 0.00	50.80 3.84 0.00	37.78 2.91 0.00	31.03 2.24 0.00	34.47 2.42 0.00	32.68 2.02 0.00	34.39 1.74 0.00	34.11 1.33 0.00
ROME____115KV_TB2 80656	24.17 0.32 0.00	24.19 0.29 0.00	24.56 0.31 0.00	25.97 0.46 0.00	25.10 0.50 0.00	30.49 0.73 0.00	38.71 1.23 0.00	42.55 1.55 0.00	40.74 1.59 0.00	38.75 1.68 0.00	39.14 1.79 0.00	32.79 1.47 0.00	31.63 1.40 0.00	34.84 1.61 0.00	38.91 1.67 0.00	38.25 1.80 0.00	34.70 1.79 0.00	49.41 2.45 0.00	36.71 1.84 0.00	30.28 1.49 0.00	33.65 1.60 0.00	32.03 1.37 0.00	33.92 1.27 0.00	33.88 1.10 0.00
ROSETON____1 23587	24.67 0.82 0.00	24.67 0.77 0.00	24.99 0.74 0.00	26.22 0.71 0.00	25.29 0.69 0.00	30.76 1.01 0.00	39.33 1.85 0.00	43.28 2.29 0.00	41.22 2.08 0.00	38.86 1.79 0.00	39.21 1.85 0.00	32.71 1.40 0.00	31.41 1.18 0.00	34.80 1.57 0.00	39.03 1.79 0.00	38.52 2.07 0.00	35.01 2.10 0.00	50.05 3.09 0.00	37.20 2.33 0.00	30.59 1.80 0.00	33.99 1.93 0.00	32.23 1.57 0.00	33.94 1.29 0.00	33.72 0.94 0.00
ROSETON____2 23588	24.67 0.82 0.00	24.67 0.77 0.00	24.99 0.74 0.00	26.22 0.71 0.00	25.29 0.69 0.00	30.76 1.01 0.00	39.33 1.85 0.00	43.28 2.29 0.00	41.22 2.08 0.00	38.86 1.79 0.00	39.21 1.85 0.00	32.71 1.40 0.00	31.41 1.18 0.00	34.80 1.57 0.00	39.03 1.79 0.00	38.52 2.07 0.00	35.01 2.10 0.00	50.05 3.09 0.00	37.20 2.33 0.00	30.59 1.80 0.00	33.99 1.93 0.00	32.23 1.57 0.00	33.94 1.29 0.00	33.72 0.94 0.00
ROTTDRAM_115KV_TB3 80664	24.74 0.89 0.00	24.79 0.89 0.00	25.12 0.88 0.00	26.35 0.83 0.00	25.36 0.76 0.00	30.63 0.88 0.00	38.88 1.40 0.00	42.78 1.78 0.00	40.73 1.58 0.00	38.47 1.40 0.00	38.77 1.41 0.00	32.34 1.03 0.00	31.19 0.96 0.00	34.42 1.20 0.00	38.58 1.35 0.00	37.99 1.54 0.00	34.38 1.47 0.00	49.15 2.19 0.00	36.46 1.59 0.00	30.06 1.27 0.00	33.48 1.42 0.00	31.78 1.11 0.00	33.62 0.97 0.00	33.60 0.82 0.00

RUSSELL___1 23602	23.01 -0.84 0.00	23.01 -0.88 0.00	23.36 -0.88 0.00	24.62 -0.90 0.00	23.90 -0.70 0.00	29.25 -0.50 0.00	36.91 -0.57 0.00	40.21 -0.78 0.00	38.62 -0.52 0.00	36.90 -0.17 0.00	37.32 -0.04 0.00	31.32 0.00 0.00	30.25 0.03 0.00	33.30 0.07 0.00	37.25 0.02 0.00	36.35 -0.09 0.00	32.85 -0.06 0.00	46.82 -0.14 0.00	34.84 -0.03 0.00	28.77 -0.02 0.00	31.97 -0.09 0.00	30.36 -0.31 0.00	32.07 -0.58 0.00	32.47 -0.30 0.00
RUSSELL___2 23532	23.01 -0.84 0.00	23.01 -0.88 0.00	23.36 -0.88 0.00	24.62 -0.90 0.00	23.90 -0.70 0.00	29.25 -0.50 0.00	36.91 -0.57 0.00	40.21 -0.78 0.00	38.62 -0.52 0.00	36.90 -0.17 0.00	37.32 -0.04 0.00	31.32 0.00 0.00	30.25 0.03 0.00	33.30 0.07 0.00	37.25 0.02 0.00	36.35 -0.09 0.00	32.85 -0.06 0.00	46.82 -0.14 0.00	34.84 -0.03 0.00	28.77 -0.02 0.00	31.97 -0.09 0.00	30.36 -0.31 0.00	32.07 -0.58 0.00	32.47 -0.30 0.00
RUSSELL___3 23549	23.01 -0.84 0.00	23.01 -0.88 0.00	23.36 -0.88 0.00	24.62 -0.90 0.00	23.90 -0.70 0.00	29.25 -0.50 0.00	36.91 -0.57 0.00	40.21 -0.78 0.00	38.62 -0.52 0.00	36.90 -0.17 0.00	37.32 -0.04 0.00	31.32 0.00 0.00	30.25 0.03 0.00	33.30 0.07 0.00	37.25 0.02 0.00	36.35 -0.09 0.00	32.85 -0.06 0.00	46.82 -0.14 0.00	34.84 -0.03 0.00	28.77 -0.02 0.00	31.97 -0.09 0.00	30.36 -0.31 0.00	32.07 -0.58 0.00	32.47 -0.30 0.00
RUSSELL___4 23556	23.01 -0.84 0.00	23.01 -0.88 0.00	23.36 -0.88 0.00	24.62 -0.90 0.00	23.90 -0.70 0.00	29.25 -0.50 0.00	36.91 -0.57 0.00	40.21 -0.78 0.00	38.62 -0.52 0.00	36.90 -0.17 0.00	37.32 -0.04 0.00	31.32 0.00 0.00	30.25 0.03 0.00	33.30 0.07 0.00	37.25 0.02 0.00	36.35 -0.09 0.00	32.85 -0.06 0.00	46.82 -0.14 0.00	34.84 -0.03 0.00	28.77 -0.02 0.00	31.97 -0.09 0.00	30.36 -0.31 0.00	32.07 -0.58 0.00	32.47 -0.30 0.00
RUSSELL___STATION 23914	23.01 -0.84 0.00	23.01 -0.88 0.00	23.36 -0.88 0.00	24.62 -0.90 0.00	23.90 -0.70 0.00	29.25 -0.50 0.00	36.91 -0.57 0.00	40.21 -0.78 0.00	38.62 -0.52 0.00	36.90 -0.17 0.00	37.32 -0.04 0.00	31.32 0.00 0.00	30.25 0.03 0.00	33.30 0.07 0.00	37.25 0.02 0.00	36.35 -0.09 0.00	32.85 -0.06 0.00	46.82 -0.14 0.00	34.84 -0.03 0.00	28.77 -0.02 0.00	31.97 -0.09 0.00	30.36 -0.31 0.00	32.07 -0.58 0.00	32.47 -0.30 0.00
S SALMON___HYD 24043	22.94 -0.91 0.00	22.96 -0.94 0.00	23.29 -0.96 0.00	24.63 -0.89 0.00	23.82 -0.79 0.00	28.86 -0.89 0.00	36.39 -1.09 0.00	39.83 -1.16 0.00	38.14 -1.01 0.00	36.36 -0.72 0.00	36.69 -0.66 0.00	30.84 -0.48 0.00	29.77 -0.46 0.00	32.75 -0.48 0.00	36.58 -0.65 0.00	35.97 -0.47 0.00	32.61 -0.30 0.00	46.58 -0.38 0.00	34.64 -0.23 0.00	28.60 -0.19 0.00	31.71 -0.35 0.00	30.29 -0.37 0.00	32.13 -0.52 0.00	32.08 -0.69 0.00
S.PERRY___115KV_TB1 80734	23.05 -0.80 0.00	23.03 -0.86 0.00	23.38 -0.87 0.00	24.66 -0.86 0.00	23.97 -0.63 0.00	29.47 -0.28 0.00	37.52 0.04 0.00	41.10 0.10 0.00	39.55 0.40 0.00	37.82 0.75 0.00	38.10 0.74 0.00	31.99 0.67 0.00	31.03 0.81 0.00	34.24 1.01 0.00	38.19 0.96 0.00	37.30 0.86 0.00	33.86 0.95 0.00	48.44 1.48 0.00	36.18 1.31 0.00	29.82 1.03 0.00	33.05 0.99 0.00	31.34 0.67 0.00	32.96 0.32 0.00	33.44 0.66 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.37 -1.48 0.00	22.39 -1.51 0.00	22.75 -1.49 0.00	24.01 -1.51 0.00	23.37 -1.23 0.00	28.77 -0.98 0.00	36.10 -1.38 0.00	39.09 -1.91 0.00	37.64 -1.50 0.00	36.14 -0.93 0.00	36.64 -0.71 0.00	30.78 -0.53 0.00	29.79 -0.44 0.00	32.78 -0.45 0.00	36.59 -0.64 0.00	35.55 -0.90 0.00	32.04 -0.87 0.00	45.52 -1.44 0.00	33.95 -0.92 0.00	28.12 -0.67 0.00	31.32 -0.74 0.00	29.73 -0.93 0.00	31.40 -1.24 0.00	32.13 -0.65 0.00
SAWYER___23_KV_LOAD 55526	22.37 -1.48 0.00	22.39 -1.51 0.00	22.75 -1.49 0.00	24.01 -1.51 0.00	23.37 -1.23 0.00	28.77 -0.98 0.00	36.10 -1.38 0.00	39.09 -1.91 0.00	37.64 -1.50 0.00	36.14 -0.93 0.00	36.64 -0.71 0.00	30.78 -0.53 0.00	29.79 -0.44 0.00	32.78 -0.45 0.00	36.59 -0.64 0.00	35.55 -0.90 0.00	32.04 -0.87 0.00	45.52 -1.44 0.00	33.95 -0.92 0.00	28.12 -0.67 0.00	31.32 -0.74 0.00	29.73 -0.93 0.00	31.40 -1.24 0.00	32.13 -0.65 0.00
SELKIRK___I 23801	24.65 0.80 0.00	24.74 0.84 0.00	25.05 0.81 0.00	26.26 0.74 0.00	25.30 0.70 0.00	30.52 0.77 0.00	38.69 1.21 0.00	42.57 1.57 0.00	40.50 1.35 0.00	38.23 1.15 0.00	38.50 1.15 0.00	32.14 0.82 0.00	31.03 0.80 0.00	34.28 1.05 0.00	38.39 1.16 0.00	37.82 1.38 0.00	34.17 1.26 0.00	48.83 1.87 0.00	36.20 1.33 0.00	29.86 1.07 0.00	33.28 1.22 0.00	31.57 0.91 0.00	33.40 0.75 0.00	33.39 0.61 0.00
SELKIRK___II 23799	24.48 0.64 0.00	24.55 0.65 0.00	24.87 0.62 0.00	26.06 0.54 0.00	25.11 0.51 0.00	30.30 0.55 0.00	38.44 0.96 0.00	42.26 1.27 0.00	40.21 1.06 0.00	37.96 0.89 0.00	38.26 0.91 0.00	31.95 0.63 0.00	30.81 0.58 0.00	34.05 0.82 0.00	38.16 0.93 0.00	37.62 1.17 0.00	34.01 1.10 0.00	48.62 1.66 0.00	36.06 1.19 0.00	29.74 0.95 0.00	33.12 1.07 0.00	31.42 0.76 0.00	33.23 0.59 0.00	33.18 0.40 0.00
SENECA OSWGO___HYD 24041	23.23 -0.62 0.00	23.26 -0.64 0.00	23.59 -0.65 0.00	24.82 -0.70 0.00	23.96 -0.64 0.00	29.04 -0.71 0.00	36.70 -0.78 0.00	40.03 -0.97 0.00	38.22 -0.92 0.00	36.29 -0.78 0.00	36.58 -0.78 0.00	30.67 -0.65 0.00	29.61 -0.61 0.00	32.61 -0.62 0.00	36.50 -0.73 0.00	35.81 -0.64 0.00	32.44 -0.47 0.00	46.29 -0.67 0.00	34.43 -0.44 0.00	28.40 -0.39 0.00	31.54 -0.52 0.00	30.04 -0.62 0.00	31.83 -0.82 0.00	32.00 -0.78 0.00
SENECA___115KV_TB3 355854	22.62 -1.23 0.00	22.64 -1.25 0.00	23.01 -1.24 0.00	24.28 -1.24 0.00	23.62 -0.98 0.00	29.10 -0.65 0.00	36.63 -0.85 0.00	39.77 -1.22 0.00	38.29 -0.86 0.00	36.79 -0.29 0.00	37.35 -0.01 0.00	31.34 0.02 0.00	30.34 0.11 0.00	33.41 0.18 0.00	37.28 0.05 0.00	36.19 -0.26 0.00	32.67 -0.24 0.00	46.48 -0.48 0.00	34.66 -0.21 0.00	28.68 -0.11 0.00	31.94 -0.12 0.00	30.32 -0.35 0.00	31.98 -0.67 0.00	32.68 -0.10 0.00
SENECA___ENERGY 23797	23.17 -0.68 0.00	23.20 -0.70 0.00	23.50 -0.75 0.00	24.75 -0.77 0.00	23.95 -0.65 0.00	29.23 -0.52 0.00	37.00 -0.48 0.00	40.48 -0.52 0.00	38.75 -0.40 0.00	36.89 -0.18 0.00	37.15 -0.20 0.00	31.16 -0.15 0.00	30.03 -0.20 0.00	33.12 -0.10 0.00	37.13 -0.11 0.00	36.33 -0.12 0.00	32.93 0.02 0.00	47.07 0.11 0.00	34.96 0.08 0.00	28.83 0.04 0.00	32.00 -0.06 0.00	30.45 -0.22 0.00	32.16 -0.48 0.00	32.42 -0.36 0.00
SHOEMAKER___GT 23640	24.54 0.69 0.00	24.55 0.65 0.00	24.85 0.60 0.00	26.10 0.58 0.00	25.17 0.57 0.00	30.60 0.85 0.00	39.06 1.58 0.00	42.94 1.94 0.00	40.89 1.74 0.00	38.55 1.47 0.00	38.89 1.53 0.00	32.51 1.19 0.00	19.81 0.99 11.40	34.56 1.34 0.00	38.75 1.52 0.00	38.19 1.75 0.00	34.72 1.81 0.00	49.65 2.69 0.00	36.90 2.03 0.00	30.36 1.56 0.00	33.73 1.67 0.00	32.03 1.36 0.00	33.75 1.10 0.00	33.58 0.81 0.00

SHOEMAKR_138KV_BK 111 55601	24.52 0.67 0.00	24.52 0.62 0.00	24.82 0.58 0.00	26.08 0.56 0.00	25.15 0.55 0.00	30.58 0.83 0.00	39.04 1.56 0.00	42.93 1.93 0.00	40.89 1.74 0.00	38.54 1.47 0.00	38.88 1.53 0.00	32.49 1.17 0.00	20.09 0.97 11.10	34.54 1.31 0.00	38.73 1.50 0.00	38.18 1.73 0.00	34.70 1.80 0.00	49.62 2.66 0.00	36.88 2.01 0.00	30.35 1.56 0.00	33.71 1.65 0.00	32.01 1.34 0.00	33.72 1.08 0.00	33.56 0.78 0.00
SHOREHAM_IC_1 23715	24.62 1.88 1.10	25.53 1.63 0.00	25.94 1.69 0.00	27.08 1.56 0.00	26.25 1.65 0.00	32.10 2.35 0.00	41.40 3.92 0.00	45.55 4.55 0.00	43.26 4.11 0.00	40.52 3.44 0.00	40.97 3.62 0.00	34.23 2.91 0.00	45.92 2.47 -13.22	36.45 3.22 0.00	41.18 3.95 0.00	41.13 4.37 -0.32	48.90 4.29 -11.71	60.30 6.33 -7.01	55.43 4.75 -15.81	46.78 3.72 -14.27	42.11 3.98 -6.08	34.28 3.59 -0.02	35.98 3.33 0.00	35.45 2.68 0.00
SHOREHAM_IC_2 23716	24.62 1.88 1.10	25.53 1.63 0.00	25.94 1.69 0.00	27.08 1.56 0.00	26.25 1.65 0.00	32.10 2.35 0.00	41.40 3.92 0.00	45.55 4.55 0.00	43.26 4.11 0.00	40.52 3.44 0.00	40.97 3.62 0.00	34.23 2.91 0.00	45.92 2.47 -13.22	36.45 3.22 0.00	41.18 3.95 0.00	41.13 4.37 -0.32	48.90 4.29 -11.71	60.30 6.33 -7.01	55.43 4.75 -15.81	46.78 3.72 -14.27	42.11 3.98 -6.08	34.28 3.59 -0.02	35.98 3.33 0.00	35.45 2.68 0.00
SISSONVILLE____ 23735	24.12 0.26 0.00	24.19 0.29 0.00	24.61 0.37 0.00	26.06 0.54 0.00	25.12 0.52 0.00	30.14 0.39 0.00	37.16 -0.32 0.00	40.77 -0.23 0.00	38.95 -0.19 0.00	37.01 -0.07 0.00	37.64 0.29 0.00	31.74 0.42 0.00	30.66 0.43 0.00	33.55 0.32 0.00	37.57 0.34 0.00	36.27 -0.18 0.00	32.41 -0.50 0.00	46.21 -0.75 0.00	34.26 -0.61 0.00	28.40 -0.40 0.00	31.83 -0.23 0.00	31.03 0.36 0.00	33.40 0.76 0.00	33.79 1.02 0.00
SITHE_IND_GS1 24169	23.01 -0.84 0.00	23.05 -0.85 0.00	23.38 -0.87 0.00	24.60 -0.92 0.00	23.72 -0.87 0.00	28.72 -1.03 0.00	36.19 -1.29 0.00	39.39 -1.61 0.00	37.62 -1.52 0.00	35.72 -1.36 0.00	36.00 -1.35 0.00	30.20 -1.12 0.00	29.14 -1.09 0.00	32.06 -1.17 0.00	35.91 -1.32 0.00	35.19 -1.26 0.00	31.84 -1.07 0.00	45.40 -1.56 0.00	33.76 -1.11 0.00	27.86 -0.93 0.00	30.97 -1.09 0.00	29.53 -1.13 0.00	31.35 -1.30 0.00	31.57 -1.20 0.00
SITHE_IND_GS2 24170	23.01 -0.84 0.00	23.05 -0.85 0.00	23.38 -0.87 0.00	24.60 -0.92 0.00	23.72 -0.87 0.00	28.72 -1.03 0.00	36.19 -1.29 0.00	39.39 -1.61 0.00	37.62 -1.52 0.00	35.72 -1.36 0.00	36.00 -1.35 0.00	30.20 -1.12 0.00	29.14 -1.09 0.00	32.06 -1.17 0.00	35.91 -1.32 0.00	35.19 -1.26 0.00	31.84 -1.07 0.00	45.40 -1.56 0.00	33.76 -1.11 0.00	27.86 -0.93 0.00	30.97 -1.09 0.00	29.53 -1.13 0.00	31.35 -1.30 0.00	31.57 -1.20 0.00
SITHE_IND_GS3 24171	23.01 -0.84 0.00	23.05 -0.85 0.00	23.38 -0.87 0.00	24.60 -0.92 0.00	23.72 -0.87 0.00	28.72 -1.03 0.00	36.19 -1.29 0.00	39.39 -1.61 0.00	37.62 -1.52 0.00	35.72 -1.36 0.00	36.00 -1.35 0.00	30.20 -1.12 0.00	29.14 -1.09 0.00	32.06 -1.17 0.00	35.91 -1.32 0.00	35.19 -1.26 0.00	31.84 -1.07 0.00	45.40 -1.56 0.00	33.76 -1.11 0.00	27.86 -0.93 0.00	30.97 -1.09 0.00	29.53 -1.13 0.00	31.35 -1.30 0.00	31.57 -1.20 0.00
SITHE_IND_GS4 24172	23.01 -0.84 0.00	23.05 -0.85 0.00	23.38 -0.87 0.00	24.60 -0.92 0.00	23.72 -0.87 0.00	28.72 -1.03 0.00	36.19 -1.29 0.00	39.39 -1.61 0.00	37.62 -1.52 0.00	35.72 -1.36 0.00	36.00 -1.35 0.00	30.20 -1.12 0.00	29.14 -1.09 0.00	32.06 -1.17 0.00	35.91 -1.32 0.00	35.19 -1.26 0.00	31.84 -1.07 0.00	45.40 -1.56 0.00	33.76 -1.11 0.00	27.86 -0.93 0.00	30.97 -1.09 0.00	29.53 -1.13 0.00	31.35 -1.30 0.00	31.57 -1.20 0.00
SITHE____BATAVIA 24024	23.01 -0.83 0.00	23.02 -0.88 0.00	23.39 -0.86 0.00	24.69 -0.83 0.00	23.51 -0.58 0.50	29.58 -0.17 0.00	37.28 -0.20 0.00	40.41 -0.58 0.00	38.94 -0.21 0.00	37.35 0.27 0.00	37.71 0.35 0.00	31.69 0.37 0.00	25.60 0.37 5.00	32.70 0.51 1.04	37.55 0.48 0.17	36.74 0.30 0.00	32.38 0.29 0.82	47.22 0.26 0.00	35.20 0.33 0.00	28.43 0.31 0.67	29.18 0.27 3.15	30.23 0.00 0.43	32.30 -0.35 0.00	30.35 0.10 2.53
SITHE____INDEPEND 23800	23.01 -0.84 0.00	23.05 -0.85 0.00	23.38 -0.87 0.00	24.60 -0.92 0.00	23.73 -0.87 0.00	28.72 -1.03 0.00	36.18 -1.29 0.00	39.39 -1.60 0.00	37.62 -1.52 0.00	35.72 -1.35 0.00	36.00 -1.35 0.00	30.20 -1.12 0.00	29.14 -1.09 0.00	32.06 -1.17 0.00	35.91 -1.32 0.00	35.19 -1.26 0.00	31.84 -1.07 0.00	45.41 -1.55 0.00	33.76 -1.11 0.00	27.86 -0.93 0.00	30.97 -1.09 0.00	29.53 -1.13 0.00	31.35 -1.30 0.00	31.57 -1.20 0.00
SITHE____MASSENA 23902	24.32 0.47 0.00	24.39 0.49 0.00	24.80 0.56 0.00	26.17 0.65 0.00	25.23 0.63 0.00	30.41 0.66 0.00	37.74 0.26 0.00	41.24 0.25 0.00	39.40 0.25 0.00	37.36 0.29 0.00	37.75 0.40 0.00	31.77 0.46 0.00	30.70 0.48 0.00	33.59 0.36 0.00	37.69 0.46 0.00	36.62 0.17 0.00	32.80 -0.11 0.00	46.74 -0.22 0.00	34.66 -0.21 0.00	28.70 -0.09 0.00	32.08 0.02 0.00	31.03 0.37 0.00	33.35 0.70 0.00	33.73 0.95 0.00
SITHE____OGDNSBRG 24021	24.61 0.77 0.00	24.69 0.79 0.00	25.12 0.87 0.00	26.54 1.03 0.00	25.60 1.01 0.00	30.84 1.09 0.00	38.26 0.78 0.00	41.93 0.94 0.00	40.04 0.90 0.00	37.97 0.90 0.00	38.51 1.15 0.00	32.43 1.12 0.00	31.36 1.13 0.00	34.26 1.04 0.00	38.41 1.18 0.00	37.21 0.76 0.00	33.30 0.39 0.00	47.50 0.54 0.00	35.17 0.30 0.00	29.13 0.34 0.00	32.58 0.53 0.00	31.62 0.95 0.00	33.98 1.34 0.00	34.35 1.57 0.00
SITHE____STERLING 23777	24.08 0.23 0.00	24.12 0.22 0.00	24.48 0.24 0.00	25.85 0.33 0.00	24.95 0.35 0.00	30.29 0.54 0.00	38.49 1.01 0.00	42.24 1.25 0.00	40.40 1.25 0.00	38.40 1.33 0.00	38.79 1.43 0.00	32.44 1.13 0.00	31.30 1.07 0.00	34.47 1.24 0.00	38.51 1.27 0.00	37.82 1.38 0.00	34.29 1.38 0.00	48.80 1.84 0.00	36.25 1.37 0.00	29.90 1.11 0.00	33.24 1.18 0.00	31.65 0.98 0.00	33.50 0.86 0.00	33.50 0.72 0.00
SLEIGHT__34_KV_TB1 80719	23.02 -0.83 0.00	23.04 -0.86 0.00	23.36 -0.88 0.00	24.62 -0.90 0.00	23.85 -0.74 0.00	29.13 -0.62 0.00	36.83 -0.65 0.00	40.18 -0.81 0.00	38.51 -0.63 0.00	36.71 -0.37 0.00	37.06 -0.30 0.00	31.08 -0.24 0.00	30.00 -0.23 0.00	33.05 -0.18 0.00	37.01 -0.22 0.00	36.20 -0.25 0.00	32.75 -0.15 0.00	46.75 -0.21 0.00	34.71 -0.16 0.00	28.63 -0.17 0.00	31.80 -0.25 0.00	30.19 -0.47 0.00	31.93 -0.71 0.00	32.27 -0.51 0.00
SOUTH CAIRO____GT 23612	25.44 1.59 0.00	25.52 1.62 0.00	25.81 1.57 0.00	27.06 1.54 0.00	26.10 1.50 0.00	31.43 1.68 0.00	40.07 2.59 0.00	45.01 4.02 0.00	42.79 3.65 0.00	40.06 2.99 0.00	40.30 2.94 0.00	33.48 2.17 0.00	32.47 2.24 0.00	35.87 2.65 0.00	40.38 3.15 0.00	39.38 2.94 0.00	35.54 2.63 0.00	50.95 3.99 0.00	37.73 2.86 0.00	31.11 2.32 0.00	34.61 2.55 0.00	32.70 2.04 0.00	34.49 1.84 0.00	34.41 1.64 0.00

SOUTH HAMPTN___IC 23720	24.91 2.18 1.12	25.82 1.93 0.00	26.23 1.99 0.00	27.40 1.88 0.00	26.57 1.97 0.00	32.51 2.76 0.00	41.97 4.49 0.00	46.21 5.21 0.00	43.86 4.71 0.00	41.06 3.99 0.00	41.53 4.17 0.00	34.67 3.35 0.00	46.32 2.87 -13.22	36.93 3.70 0.00	41.73 4.50 0.00	41.69 4.93 -0.32	49.45 4.85 -11.69	61.09 7.13 -7.00	56.01 5.35 -15.79	47.24 4.20 -14.25	42.63 4.51 -6.07	34.76 4.07 -0.02	36.45 3.80 0.00	35.92 3.14 0.00
SOUTHDOW_115KV_TB1 355954	23.05 -0.79 0.00	23.11 -0.79 0.00	23.51 -0.73 0.00	24.80 -0.72 0.00	24.12 -0.48 0.00	29.89 0.14 0.00	38.07 0.59 0.00	41.79 0.80 0.00	40.05 0.91 0.00	38.50 1.42 0.00	39.13 1.77 0.00	32.49 1.18 0.00	31.53 1.30 0.00	34.78 1.55 0.00	38.79 1.56 0.00	37.46 1.01 0.00	33.89 0.98 0.00	48.33 1.37 0.00	36.00 1.13 0.00	29.71 0.92 0.00	33.07 1.01 0.00	31.44 0.78 0.00	33.04 0.39 0.00	33.67 0.90 0.00
SOUTHOLD_69_KV_BK 2 55809	25.15 2.42 1.12	26.06 2.16 0.00	26.46 2.21 0.00	27.64 2.13 0.00	26.82 2.22 0.00	32.84 3.09 0.00	42.41 4.93 0.00	46.71 5.72 0.00	44.32 5.17 0.00	41.47 4.40 0.00	41.91 4.56 0.00	34.98 3.67 0.00	46.54 3.09 -13.22	37.27 4.04 0.00	42.14 4.90 0.00	42.15 5.38 -0.32	49.89 5.29 -11.69	61.74 7.78 -7.00	56.50 5.84 -15.79	47.65 4.61 -14.25	43.08 4.95 -6.07	35.16 4.47 -0.02	36.85 4.21 0.00	36.28 3.51 0.00
SOUTHOLD___IC 23719	25.15 2.42 1.12	26.06 2.16 0.00	26.46 2.21 0.00	27.64 2.13 0.00	26.82 2.22 0.00	32.83 3.09 0.00	42.40 4.92 0.00	46.71 5.71 0.00	44.31 5.17 0.00	41.47 4.40 0.00	41.92 4.56 0.00	34.98 3.67 0.00	46.54 3.10 -13.22	37.27 4.04 0.00	42.14 4.90 0.00	42.15 5.38 -0.32	49.90 5.29 -11.69	61.74 7.78 -7.00	56.50 5.83 -15.79	47.65 4.61 -14.25	43.07 4.94 -6.07	35.16 4.47 -0.02	36.84 4.20 0.00	36.28 3.51 0.00
SOUTH_FORK_WT_PWR 323839	25.21 2.48 1.12	26.11 2.22 0.00	26.52 2.28 0.00	27.72 2.20 0.00	26.88 2.28 0.00	32.92 3.17 0.00	42.53 5.05 0.00	46.85 5.85 0.00	44.43 5.29 0.00	41.59 4.51 0.00	42.03 4.67 0.00	35.07 3.75 0.00	46.67 3.23 -13.22	37.37 4.14 0.00	42.24 5.01 0.00	42.24 5.47 -0.32	50.00 5.40 -11.69	61.92 7.96 -7.00	56.62 5.95 -15.79	47.73 4.70 -14.25	43.17 5.04 -6.07	35.25 4.56 -0.02	36.93 4.28 0.00	36.37 3.60 0.00
SPIERFLS_115KV_TB 1 80737	25.43 1.58 0.00	25.50 1.61 0.00	25.82 1.58 0.00	26.96 1.44 0.00	25.71 1.10 0.00	30.83 1.08 0.00	39.11 1.63 0.00	43.38 2.38 0.00	41.14 1.99 0.00	38.84 1.77 0.00	39.07 1.72 0.00	32.30 0.98 0.00	31.14 0.91 0.00	34.30 1.07 0.00	38.39 1.16 0.00	37.86 1.42 0.00	34.39 1.48 0.00	49.22 2.26 0.00	36.38 1.51 0.00	30.00 1.21 0.00	33.51 1.45 0.00	31.69 1.02 0.00	33.54 0.90 0.00	33.46 0.69 0.00
ST LAWRENCE___ 23600	24.00 0.15 0.00	24.07 0.17 0.00	24.47 0.22 0.00	25.81 0.29 0.00	24.87 0.27 0.00	29.99 0.24 0.00	37.37 -0.11 0.00	40.83 -0.17 0.00	39.00 -0.14 0.00	36.96 -0.11 0.00	37.29 -0.07 0.00	31.38 0.06 0.00	30.32 0.09 0.00	33.18 -0.05 0.00	37.24 0.01 0.00	36.22 -0.23 0.00	32.45 -0.46 0.00	46.25 -0.71 0.00	34.30 -0.57 0.00	28.40 -0.39 0.00	31.73 -0.33 0.00	30.66 -0.01 0.00	32.94 0.29 0.00	33.22 0.44 0.00
STATE_CA_115KV_115_LB 55624	24.54 0.69 0.00	24.62 0.72 0.00	24.90 0.66 0.00	26.08 0.56 0.00	25.14 0.54 0.00	30.29 0.54 0.00	38.46 0.98 0.00	42.36 1.37 0.00	40.30 1.15 0.00	38.04 0.96 0.00	38.35 1.00 0.00	32.00 0.68 0.00	30.88 0.66 0.00	34.15 0.92 0.00	38.27 1.03 0.00	37.72 1.27 0.00	34.09 1.19 0.00	48.76 1.80 0.00	36.13 1.26 0.00	29.79 1.00 0.00	33.17 1.11 0.00	31.45 0.79 0.00	33.23 0.59 0.00	33.18 0.40 0.00
STATE_ST_34_KV_LOAD 55959	23.64 -0.21 0.00	23.70 -0.20 0.00	23.97 -0.27 0.00	25.26 -0.26 0.00	24.39 -0.21 0.00	29.69 -0.06 0.00	37.47 -0.01 0.00	41.00 0.00 0.00	39.21 0.06 0.00	37.32 0.25 0.00	37.57 0.21 0.00	31.48 0.17 0.00	30.29 0.06 0.00	33.37 0.15 0.00	37.55 0.31 0.00	36.78 0.33 0.00	33.33 0.42 0.00	47.66 0.70 0.00	35.28 0.41 0.00	29.13 0.33 0.00	32.39 0.33 0.00	30.72 0.05 0.00	32.55 -0.09 0.00	32.83 0.05 0.00
STATION 5_MISC_HYD 23604	22.92 -0.93 0.00	22.92 -0.98 0.00	23.27 -0.98 0.00	24.53 -0.99 0.00	23.48 -0.79 0.33	29.13 -0.62 0.00	36.73 -0.75 0.00	40.00 -1.00 0.00	38.42 -0.72 0.00	36.70 -0.37 0.00	37.10 -0.25 0.00	31.15 -0.17 0.00	26.84 -0.15 3.24	32.44 -0.11 0.67	36.93 -0.19 0.11	36.15 -0.30 0.00	32.12 -0.26 0.53	46.52 -0.43 0.00	34.62 -0.25 0.00	28.16 -0.20 0.44	29.74 -0.28 2.04	29.91 -0.47 0.28	31.89 -0.75 0.00	30.69 -0.45 1.64
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.21 -0.64 0.00	23.23 -0.67 0.00	23.57 -0.68 0.00	24.83 -0.69 0.00	24.07 -0.53 0.00	29.44 -0.31 0.00	37.22 -0.26 0.00	40.64 -0.35 0.00	38.97 -0.18 0.00	37.18 0.10 0.00	37.54 0.18 0.00	31.50 0.18 0.00	30.40 0.17 0.00	33.46 0.23 0.00	37.46 0.23 0.00	36.63 0.18 0.00	33.18 0.27 0.00	47.31 0.35 0.00	35.21 0.33 0.00	29.04 0.25 0.00	32.24 0.18 0.00	30.64 -0.02 0.00	32.34 -0.31 0.00	32.65 -0.13 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.83 -1.02 0.00	22.84 -1.06 0.00	23.19 -1.06 0.00	24.43 -1.09 0.00	23.70 -0.90 0.00	29.00 -0.75 0.00	36.57 -0.91 0.00	39.85 -1.14 0.00	38.27 -0.88 0.00	36.54 -0.54 0.00	36.94 -0.42 0.00	31.00 -0.32 0.00	29.94 -0.28 0.00	32.96 -0.27 0.00	36.87 -0.36 0.00	36.00 -0.45 0.00	32.52 -0.39 0.00	46.35 -0.61 0.00	34.49 -0.39 0.00	28.47 -0.32 0.00	31.63 -0.42 0.00	30.05 -0.61 0.00	31.75 -0.89 0.00	32.16 -0.62 0.00
STA_56___34_KV_BUS2 355983	22.83 -1.02 0.00	22.84 -1.06 0.00	23.19 -1.06 0.00	24.43 -1.09 0.00	23.70 -0.90 0.00	29.00 -0.75 0.00	36.57 -0.91 0.00	39.85 -1.14 0.00	38.27 -0.88 0.00	36.54 -0.54 0.00	36.94 -0.42 0.00	31.00 -0.32 0.00	29.94 -0.28 0.00	32.96 -0.27 0.00	36.87 -0.36 0.00	36.00 -0.45 0.00	32.52 -0.39 0.00	46.35 -0.61 0.00	34.49 -0.39 0.00	28.47 -0.32 0.00	31.63 -0.42 0.00	30.05 -0.61 0.00	31.75 -0.89 0.00	32.16 -0.62 0.00
STA_67___115KV_BK2 355882	22.87 -0.98 0.00	22.87 -1.02 0.00	23.23 -1.01 0.00	24.49 -1.03 0.00	23.76 -0.84 0.00	29.07 -0.68 0.00	36.65 -0.83 0.00	39.90 -1.09 0.00	38.32 -0.83 0.00	36.60 -0.47 0.00	37.01 -0.35 0.00	31.07 -0.25 0.00	30.01 -0.22 0.00	33.03 -0.20 0.00	36.94 -0.29 0.00	36.06 -0.39 0.00	32.56 -0.35 0.00	46.40 -0.56 0.00	34.52 -0.35 0.00	28.52 -0.27 0.00	31.69 -0.37 0.00	30.11 -0.55 0.00	31.82 -0.82 0.00	32.25 -0.53 0.00
STA_7___115KV_9TRANS 80674	23.01 -0.84 0.00	23.01 -0.88 0.00	23.36 -0.88 0.00	24.62 -0.90 0.00	23.90 -0.70 0.00	29.25 -0.50 0.00	36.91 -0.57 0.00	40.21 -0.78 0.00	38.62 -0.52 0.00	36.90 -0.17 0.00	37.32 -0.04 0.00	31.32 0.00 0.00	30.25 0.03 0.00	33.30 0.07 0.00	37.25 0.02 0.00	36.35 -0.09 0.00	32.85 -0.06 0.00	46.82 -0.14 0.00	34.84 -0.03 0.00	28.77 -0.02 0.00	31.97 -0.09 0.00	30.36 -0.31 0.00	32.07 -0.58 0.00	32.47 -0.30 0.00

STA_82___115KV_TB1 80780	22.88 -0.97 0.00	22.89 -1.01 0.00	23.24 -1.00 0.00	24.49 -1.03 0.00	23.78 -0.83 0.00	29.09 -0.66 0.00	36.68 -0.80 0.00	39.94 -1.06 0.00	38.35 -0.79 0.00	36.63 -0.44 0.00	37.04 -0.31 0.00	31.08 -0.23 0.00	30.02 -0.20 0.00	33.05 -0.17 0.00	36.97 -0.26 0.00	36.08 -0.37 0.00	32.59 -0.32 0.00	46.43 -0.53 0.00	34.55 -0.32 0.00	28.54 -0.25 0.00	31.71 -0.35 0.00	30.13 -0.53 0.00	31.84 -0.80 0.00	32.27 -0.50 0.00
STEEL___WIND 323596	22.57 -1.28 0.00	22.59 -1.30 0.00	22.95 -1.29 0.00	24.23 -1.29 0.00	22.82 -1.03 0.75	29.05 -0.71 0.00	36.52 -0.96 0.00	39.68 -1.32 0.00	38.20 -0.94 0.00	36.71 -0.37 0.00	37.28 -0.08 0.00	31.27 -0.04 0.00	23.00 0.06 7.29	31.85 0.14 1.52	36.99 0.00 0.24	36.14 -0.30 0.00	31.43 -0.28 1.20	46.41 -0.55 0.00	34.64 -0.24 0.00	27.68 -0.13 0.98	27.33 -0.13 4.59	29.67 -0.37 0.63	31.95 -0.69 0.00	28.95 -0.14 3.69
STEPHTWN_115KV_BK_2 55603	24.71 0.86 0.00	24.78 0.89 0.00	25.05 0.80 0.00	26.24 0.72 0.00	25.27 0.68 0.00	30.54 0.79 0.00	38.84 1.36 0.00	42.73 1.74 0.00	40.61 1.47 0.00	38.32 1.25 0.00	38.62 1.26 0.00	32.19 0.88 0.00	31.11 0.88 0.00	34.42 1.20 0.00	38.50 1.27 0.00	37.98 1.53 0.00	34.37 1.46 0.00	49.29 2.33 0.00	36.43 1.56 0.00	30.11 1.32 0.00	33.48 1.42 0.00	31.78 1.12 0.00	33.54 0.90 0.00	33.48 0.70 0.00
STEBUBEN_REC_LFGE 323667	21.72 -2.13 0.00	21.69 -2.21 0.00	21.99 -2.26 0.00	23.20 -2.32 0.00	22.56 -2.04 0.00	27.97 -1.78 0.00	35.70 -1.78 0.00	39.20 -1.79 0.00	37.80 -1.35 0.00	36.25 -0.83 0.00	36.61 -0.75 0.00	31.07 -0.24 0.00	30.25 0.02 0.00	33.57 0.35 0.00	37.38 0.15 0.00	36.25 -0.20 0.00	32.68 -0.22 0.00	46.95 -0.02 0.00	35.04 0.17 0.00	28.97 0.18 0.00	32.09 0.04 0.00	30.51 -0.16 0.00	32.05 -0.59 0.00	32.67 -0.11 0.00
STILLWATER___SOLAR 323814	25.18 1.34 0.00	25.25 1.35 0.00	25.57 1.33 0.00	26.77 1.25 0.00	25.71 1.11 0.00	30.99 1.24 0.00	39.37 1.89 0.00	43.44 2.45 0.00	41.28 2.14 0.00	38.98 1.90 0.00	39.25 1.90 0.00	32.64 1.32 0.00	31.47 1.25 0.00	34.75 1.53 0.00	38.94 1.71 0.00	38.40 1.94 0.00	34.78 1.87 0.00	49.79 2.83 0.00	36.85 1.98 0.00	30.39 1.59 0.00	33.87 1.81 0.00	32.07 1.40 0.00	33.90 1.26 0.00	33.87 1.09 0.00
STONY___BROOK 24151	24.50 1.71 1.06	25.38 1.48 0.00	25.79 1.55 0.00	26.91 1.39 0.00	26.10 1.49 0.00	31.88 2.13 0.00	41.08 3.60 0.00	45.20 4.21 0.00	42.97 3.83 0.00	40.34 3.26 0.00	40.84 3.48 0.00	34.12 2.81 0.00	45.83 2.39 -13.22	36.34 3.11 0.00	40.97 3.74 0.00	40.88 4.11 -0.32	48.68 4.03 -11.75	59.94 5.95 -7.03	55.20 4.46 -15.87	46.61 3.49 -14.32	41.87 3.72 -6.10	34.00 3.31 -0.02	35.71 3.06 0.00	35.22 2.44 0.00
STURGEON_POOL_HYD 23609	24.70 0.85 0.00	24.70 0.80 0.00	25.03 0.78 0.00	26.28 0.76 0.00	25.34 0.73 0.00	30.83 1.09 0.00	39.40 1.92 0.00	43.33 2.33 0.00	41.33 2.18 0.00	38.95 1.87 0.00	39.29 1.93 0.00	32.81 1.50 0.00	31.53 1.31 0.00	34.93 1.71 0.00	39.17 1.94 0.00	38.69 2.24 0.00	35.18 2.27 0.00	50.29 3.33 0.00	37.41 2.54 0.00	30.76 1.97 0.00	34.17 2.11 0.00	32.41 1.75 0.00	34.11 1.47 0.00	33.90 1.13 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.60 0.75 0.00	24.59 0.69 0.00	24.88 0.64 0.00	26.14 0.62 0.00	25.20 0.60 0.00	30.66 0.91 0.00	39.21 1.73 0.00	43.11 2.12 0.00	41.07 1.93 0.00	38.72 1.64 0.00	39.08 1.72 0.00	32.60 1.29 0.00	18.90 1.06 12.39	34.65 1.43 0.00	38.87 1.63 0.00	38.34 1.89 0.00	34.87 1.96 0.00	49.87 2.91 0.00	37.06 2.19 0.00	30.49 1.70 0.00	33.86 1.80 0.00	32.13 1.47 0.00	33.83 1.18 0.00	33.62 0.84 0.00
SWANROAD_115KV_TB1 355699	22.04 -1.81 0.00	22.05 -1.84 0.00	22.42 -1.82 0.00	23.66 -1.86 0.00	23.04 -1.56 0.00	28.39 -1.36 0.00	35.49 -1.99 0.00	38.09 -2.91 0.00	36.78 -2.37 0.00	35.35 -1.72 0.00	35.79 -1.57 0.00	30.09 -1.22 0.00	29.08 -1.15 0.00	31.95 -1.28 0.00	35.70 -1.54 0.00	34.71 -1.74 0.00	31.25 -1.66 0.00	44.30 -2.66 0.00	33.11 -1.76 0.00	27.43 -1.36 0.00	30.50 -1.56 0.00	29.01 -1.65 0.00	30.66 -1.99 0.00	31.37 -1.41 0.00
SYNERGY___BIOGAS 323694	23.01 -0.83 0.00	23.02 -0.88 0.00	23.39 -0.86 0.00	24.69 -0.83 0.00	23.51 -0.58 0.50	29.58 -0.17 0.00	37.28 -0.20 0.00	40.41 -0.58 0.00	38.94 -0.21 0.00	37.35 0.27 0.00	37.71 0.35 0.00	31.69 0.37 0.00	25.60 0.37 5.00	32.70 0.51 1.04	37.55 0.48 0.17	36.74 0.30 0.00	32.38 0.29 0.82	47.22 0.26 0.00	35.20 0.33 0.00	28.43 0.31 0.67	29.18 0.27 3.15	30.23 0.00 0.43	32.30 -0.35 0.00	30.35 0.10 2.53
SYRACUSE___ENERGY_ST1 323597	23.50 -0.35 0.00	23.54 -0.36 0.00	23.85 -0.39 0.00	25.11 -0.41 0.00	24.24 -0.37 0.00	29.40 -0.35 0.00	37.16 -0.32 0.00	40.55 -0.45 0.00	38.73 -0.42 0.00	36.79 -0.28 0.00	37.09 -0.26 0.00	31.08 -0.23 0.00	29.98 -0.24 0.00	33.03 -0.19 0.00	37.02 -0.22 0.00	36.29 -0.15 0.00	32.89 -0.02 0.00	46.95 -0.02 0.00	34.88 0.01 0.00	28.77 -0.03 0.00	31.95 -0.11 0.00	30.42 -0.25 0.00	32.22 -0.42 0.00	32.42 -0.36 0.00
SYRACUSE___ENERGY_ST2 323598	23.50 -0.35 0.00	23.54 -0.36 0.00	23.85 -0.39 0.00	25.11 -0.41 0.00	24.24 -0.37 0.00	29.40 -0.35 0.00	37.16 -0.32 0.00	40.55 -0.45 0.00	38.73 -0.42 0.00	36.79 -0.28 0.00	37.09 -0.26 0.00	31.08 -0.23 0.00	29.98 -0.24 0.00	33.03 -0.19 0.00	37.02 -0.22 0.00	36.29 -0.15 0.00	32.89 -0.02 0.00	46.95 -0.02 0.00	34.88 0.01 0.00	28.77 -0.03 0.00	31.95 -0.11 0.00	30.42 -0.25 0.00	32.22 -0.42 0.00	32.42 -0.36 0.00
SYRACUSE___POWER 24017	23.49 -0.36 0.00	23.53 -0.37 0.00	23.85 -0.39 0.00	25.11 -0.41 0.00	24.22 -0.38 0.00	29.39 -0.36 0.00	37.15 -0.33 0.00	40.51 -0.48 0.00	38.69 -0.45 0.00	36.76 -0.32 0.00	37.06 -0.29 0.00	31.07 -0.25 0.00	30.00 -0.23 0.00	33.03 -0.19 0.00	37.02 -0.21 0.00	36.29 -0.15 0.00	32.90 -0.01 0.00	46.95 -0.01 0.00	34.90 0.02 0.00	28.76 -0.03 0.00	31.93 -0.13 0.00	30.40 -0.27 0.00	32.20 -0.45 0.00	32.40 -0.38 0.00
TALLMAN___138KV_BK151 55660	24.67 0.82 0.00	24.64 0.74 0.00	24.92 0.67 0.00	26.18 0.66 0.00	25.25 0.65 0.00	30.73 0.98 0.00	39.36 1.88 0.00	43.30 2.31 0.00	41.24 2.09 0.00	38.88 1.81 0.00	39.24 1.88 0.00	32.73 1.41 0.00	26.22 1.12 5.13	34.73 1.50 0.00	38.98 1.74 0.00	38.45 2.01 0.00	34.99 2.08 0.00	50.06 3.10 0.00	37.21 2.34 0.00	30.60 1.81 0.00	33.99 1.93 0.00	32.24 1.57 0.00	33.93 1.28 0.00	33.69 0.91 0.00
TEALLAVE_115KV_TB7 355573	23.36 -0.49 0.00	23.39 -0.50 0.00	23.72 -0.53 0.00	24.96 -0.56 0.00	24.09 -0.51 0.00	29.22 -0.53 0.00	36.92 -0.56 0.00	40.23 -0.77 0.00	38.43 -0.72 0.00	36.50 -0.58 0.00	36.82 -0.54 0.00	30.86 -0.45 0.00	29.78 -0.45 0.00	32.80 -0.43 0.00	36.72 -0.51 0.00	36.01 -0.44 0.00	32.62 -0.29 0.00	46.52 -0.44 0.00	34.59 -0.28 0.00	28.52 -0.27 0.00	31.69 -0.37 0.00	30.17 -0.49 0.00	31.98 -0.67 0.00	32.17 -0.61 0.00

TELGRAPH_34_KV_EAST 80808	22.55 -1.30 0.00	22.57 -1.33 0.00	22.94 -1.31 0.00	24.21 -1.31 0.00	23.56 -1.04 0.00	29.02 -0.73 0.00	36.44 -1.04 0.00	39.33 -1.66 0.00	37.93 -1.22 0.00	36.43 -0.64 0.00	36.85 -0.51 0.00	30.98 -0.33 0.00	29.94 -0.29 0.00	32.95 -0.27 0.00	36.80 -0.44 0.00	35.81 -0.64 0.00	32.29 -0.61 0.00	45.88 -1.08 0.00	34.22 -0.66 0.00	28.32 -0.48 0.00	31.47 -0.59 0.00	29.90 -0.77 0.00	31.54 -1.10 0.00	32.21 -0.57 0.00
TEMPLE___115KV_TB 2 55572	23.37 -0.48 0.00	23.41 -0.49 0.00	23.73 -0.51 0.00	24.97 -0.55 0.00	24.10 -0.49 0.00	29.23 -0.52 0.00	36.94 -0.54 0.00	40.25 -0.75 0.00	38.46 -0.69 0.00	36.53 -0.54 0.00	36.84 -0.51 0.00	30.89 -0.43 0.00	29.81 -0.42 0.00	32.83 -0.40 0.00	36.76 -0.48 0.00	36.04 -0.40 0.00	32.65 -0.26 0.00	46.57 -0.39 0.00	34.62 -0.25 0.00	28.55 -0.24 0.00	31.72 -0.34 0.00	30.19 -0.48 0.00	31.99 -0.65 0.00	32.20 -0.58 0.00
TIANA___69_KV_BK 1 55817	24.82 2.09 1.12	25.74 1.84 0.00	26.14 1.90 0.00	27.31 1.79 0.00	26.48 1.88 0.00	32.39 2.64 0.00	41.80 4.32 0.00	46.02 5.02 0.00	43.69 4.54 0.00	40.91 3.84 0.00	41.37 4.02 0.00	34.54 3.23 0.00	46.19 2.75 -13.22	36.79 3.57 0.00	41.59 4.35 0.00	41.54 4.78 -0.32	49.30 4.70 -11.69	60.88 6.92 -7.00	55.85 5.18 -15.79	47.12 4.08 -14.25	42.50 4.37 -6.07	34.63 3.94 -0.02	36.33 3.68 0.00	35.80 3.02 0.00
TILDEN___115KV_TB1 80814	23.49 -0.36 0.00	23.53 -0.37 0.00	23.85 -0.39 0.00	25.11 -0.41 0.00	24.22 -0.38 0.00	29.39 -0.36 0.00	37.15 -0.33 0.00	40.51 -0.48 0.00	38.69 -0.45 0.00	36.76 -0.32 0.00	37.06 -0.29 0.00	31.07 -0.25 0.00	30.00 -0.23 0.00	33.03 -0.19 0.00	37.02 -0.21 0.00	36.29 -0.15 0.00	32.90 -0.01 0.00	46.95 -0.01 0.00	34.90 0.02 0.00	28.76 -0.03 0.00	31.93 -0.13 0.00	30.40 -0.27 0.00	32.20 -0.45 0.00	32.40 -0.38 0.00
TRIGEN___CC 323695	30.78 1.25 -5.68	24.99 1.10 0.00	25.38 1.13 0.00	26.55 1.03 0.00	25.68 1.08 0.00	31.32 1.57 0.00	40.23 2.76 0.00	44.23 3.24 0.00	42.12 2.97 0.00	39.64 2.56 0.00	40.14 2.78 0.00	33.53 2.21 0.00	45.29 1.84 -13.22	35.68 2.45 0.00	40.09 2.85 0.00	40.15 3.15 -0.56	55.57 3.08 -19.58	63.09 4.47 -11.66	64.66 3.35 -26.44	56.28 2.61 -24.88	45.26 2.82 -10.38	33.14 2.44 -0.04	34.85 2.21 -0.01	34.47 1.69 0.00
TRINITY___115KV__ 4 BK 55933	24.47 0.62 0.00	24.54 0.64 0.00	24.83 0.59 0.00	26.00 0.48 0.00	25.06 0.45 0.00	30.19 0.44 0.00	38.31 0.83 0.00	42.20 1.20 0.00	40.12 0.98 0.00	37.87 0.80 0.00	38.17 0.81 0.00	31.85 0.54 0.00	30.75 0.52 0.00	33.99 0.76 0.00	38.08 0.85 0.00	37.54 1.09 0.00	33.92 1.01 0.00	48.52 1.56 0.00	35.94 1.07 0.00	29.64 0.85 0.00	33.03 0.98 0.00	31.32 0.65 0.00	33.10 0.46 0.00	33.05 0.27 0.00
UNION___PROCESSING_DRP 323587	22.89 -0.96 0.00	22.90 -1.00 0.00	23.25 -1.00 0.00	24.51 -1.02 0.00	23.78 -0.82 0.00	29.10 -0.65 0.00	36.69 -0.79 0.00	39.95 -1.04 0.00	38.36 -0.78 0.00	36.65 -0.42 0.00	37.06 -0.30 0.00	31.10 -0.22 0.00	30.04 -0.18 0.00	33.07 -0.16 0.00	36.99 -0.25 0.00	36.10 -0.35 0.00	32.60 -0.31 0.00	46.45 -0.51 0.00	34.57 -0.30 0.00	28.55 -0.24 0.00	31.72 -0.33 0.00	30.14 -0.52 0.00	31.86 -0.78 0.00	32.29 -0.49 0.00
UPPER HUDSON___HYD 24058	25.43 1.58 0.00	25.51 1.61 0.00	25.82 1.58 0.00	26.96 1.44 0.00	25.71 1.10 0.00	30.83 1.08 0.00	39.11 1.63 0.00	43.38 2.38 0.00	41.14 1.99 0.00	38.84 1.77 0.00	39.07 1.72 0.00	32.30 0.99 0.00	31.14 0.91 0.00	34.30 1.07 0.00	38.39 1.16 0.00	37.86 1.42 0.00	34.39 1.48 0.00	49.22 2.26 0.00	36.38 1.51 0.00	30.00 1.21 0.00	33.51 1.45 0.00	31.68 1.02 0.00	33.54 0.89 0.00	33.46 0.69 0.00
UPPER RAQUET___HYD 24056	24.12 0.26 0.00	24.19 0.29 0.00	24.61 0.37 0.00	26.05 0.54 0.00	25.11 0.51 0.00	30.14 0.38 0.00	37.16 -0.32 0.00	40.77 -0.23 0.00	38.95 -0.19 0.00	37.01 -0.07 0.00	37.64 0.29 0.00	31.74 0.42 0.00	30.67 0.44 0.00	33.55 0.32 0.00	37.57 0.34 0.00	36.27 -0.18 0.00	32.41 -0.50 0.00	46.21 -0.75 0.00	34.26 -0.61 0.00	28.40 -0.39 0.00	31.83 -0.23 0.00	31.03 0.36 0.00	33.40 0.76 0.00	33.79 1.02 0.00
VALLEY44_115KV_TB2 355964	23.62 -0.23 0.00	23.59 -0.31 0.00	23.97 -0.27 0.00	25.31 -0.21 0.00	24.49 -0.11 0.00	29.95 0.20 0.00	37.75 0.28 0.00	41.22 0.22 0.00	39.57 0.43 0.00	38.10 1.03 0.00	38.74 1.38 0.00	32.54 1.23 0.00	31.57 1.35 0.00	34.79 1.57 0.00	38.79 1.56 0.00	37.47 1.02 0.00	33.62 0.71 0.00	47.98 1.02 0.00	35.71 0.84 0.00	29.48 0.69 0.00	32.83 0.77 0.00	31.29 0.63 0.00	33.06 0.42 0.00	33.79 1.01 0.00
VALLEY___115KV_TB 1-4 80826	23.83 -0.02 0.00	23.76 -0.14 0.00	24.03 -0.21 0.00	25.21 -0.31 0.00	24.28 -0.32 0.00	29.35 -0.40 0.00	37.35 -0.12 0.00	41.24 0.24 0.00	39.32 0.17 0.00	37.13 0.06 0.00	37.20 -0.16 0.00	31.10 -0.22 0.00	30.07 -0.15 0.00	33.28 0.05 0.00	37.21 -0.03 0.00	36.66 0.21 0.00	33.47 0.56 0.00	47.72 0.75 0.00	35.34 0.47 0.00	29.19 0.40 0.00	32.46 0.40 0.00	30.76 0.09 0.00	32.52 -0.13 0.00	32.40 -0.37 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.47 0.62 0.00	24.54 0.64 0.00	24.85 0.61 0.00	26.16 0.64 0.00	25.24 0.64 0.00	30.68 0.92 0.00	38.98 1.50 0.00	42.75 1.76 0.00	40.83 1.69 0.00	38.68 1.61 0.00	39.01 1.65 0.00	32.62 1.31 0.00	31.43 1.20 0.00	34.70 1.47 0.00	38.89 1.65 0.00	38.24 1.79 0.00	34.68 1.77 0.00	49.55 2.59 0.00	36.86 1.99 0.00	30.39 1.60 0.00	33.71 1.65 0.00	32.04 1.38 0.00	33.84 1.19 0.00	33.86 1.09 0.00
VISCHER___FERRY HYD 24020	24.90 1.04 0.00	24.94 1.05 0.00	25.27 1.02 0.00	26.46 0.94 0.00	25.46 0.86 0.00	30.70 0.95 0.00	38.97 1.49 0.00	42.96 1.96 0.00	40.82 1.67 0.00	38.52 1.44 0.00	38.81 1.45 0.00	32.33 1.02 0.00	31.20 0.97 0.00	34.49 1.27 0.00	38.63 1.40 0.00	38.11 1.67 0.00	34.43 1.52 0.00	49.29 2.33 0.00	36.48 1.61 0.00	30.08 1.29 0.00	33.57 1.51 0.00	31.78 1.12 0.00	33.60 0.96 0.00	33.56 0.79 0.00
V_A_10_SYNC_DSASP 323832	22.29 -1.56 0.00	22.31 -1.59 0.00	22.66 -1.58 0.00	23.90 -1.62 0.00	22.71 -1.36 0.53	28.52 -1.24 0.00	35.79 -1.69 0.00	38.81 -2.19 0.00	37.33 -1.82 0.00	35.75 -1.33 0.00	36.19 -1.16 0.00	30.42 -0.89 0.00	24.12 -0.83 5.28	31.26 -0.87 1.10	35.97 -1.09 0.17	35.17 -1.27 0.00	30.81 -1.23 0.87	45.06 -1.90 0.00	33.56 -1.31 0.00	27.05 -1.03 0.71	27.57 -1.16 3.33	28.93 -1.28 0.45	31.08 -1.57 0.00	29.01 -1.10 2.67
V_CMM_10_SYNC_DSASP 323787	24.11 0.26 0.00	24.18 0.28 0.00	24.58 0.33 0.00	25.92 0.40 0.00	24.99 0.39 0.00	30.13 0.38 0.00	37.55 0.07 0.00	41.03 0.04 0.00	39.19 0.04 0.00	37.15 0.07 0.00	37.49 0.13 0.00	31.54 0.22 0.00	30.47 0.24 0.00	33.35 0.12 0.00	37.44 0.20 0.00	36.40 -0.05 0.00	32.62 -0.29 0.00	46.48 -0.48 0.00	34.48 -0.39 0.00	28.55 -0.24 0.00	31.88 -0.18 0.00	30.81 0.15 0.00	33.09 0.45 0.00	33.36 0.59 0.00

V_CMP_10_SYNC_DSASP 323788	24.60 0.76 0.00	24.77 0.87 0.00	25.26 1.01 0.00	26.79 1.27 0.00	25.59 0.99 0.00	30.26 0.51 0.00	37.33 -0.14 0.00	41.33 0.33 0.00	39.51 0.36 0.00	37.59 0.52 0.00	38.37 1.02 0.00	32.40 1.08 0.00	31.31 1.09 0.00	34.62 1.40 0.00	38.72 1.49 0.00	37.99 1.54 0.00	33.95 1.05 0.00	48.29 1.33 0.00	35.84 0.97 0.00	29.86 1.07 0.00	33.22 1.16 0.00	31.99 1.33 0.00	34.21 1.56 0.00	34.81 2.03 0.00
V_D_10_SYNC_DSASP 323841	21.92 -1.93 0.00	21.94 -1.96 0.00	22.31 -1.94 0.00	23.54 -1.98 0.00	22.29 -1.65 0.66	28.22 -1.53 0.00	35.27 -2.21 0.00	37.96 -3.03 0.00	36.48 -2.67 0.00	35.06 -2.01 0.00	35.49 -1.86 0.00	29.97 -1.35 0.00	22.39 -1.20 6.64	30.54 -1.31 1.38	35.39 -1.63 0.22	34.60 -1.84 0.00	30.06 -1.76 1.09	44.01 -2.96 0.00	32.79 -2.08 0.00	26.31 -1.59 0.90	26.15 -1.73 4.18	28.19 -1.90 0.57	30.41 -2.23 0.00	27.85 -1.57 3.36
V_E_10_SYNC_DSASP 323830	24.41 0.56 0.00	24.56 0.66 0.00	24.90 0.65 0.00	26.40 0.88 0.00	25.71 0.92 -0.19	30.89 1.14 0.00	39.98 2.50 0.00	43.79 2.79 0.00	41.94 2.79 0.00	39.98 2.91 0.00	40.29 2.94 0.00	33.50 2.19 0.00	34.40 2.20 -1.96	36.42 2.78 -0.41	40.39 3.09 -0.06	39.90 3.45 0.00	36.51 3.28 -0.31	51.91 4.95 0.00	38.30 3.43 0.00	31.63 2.58 -0.26	35.83 2.54 -1.24	32.86 2.03 -0.17	34.49 1.85 0.00	35.55 1.80 -0.97
V_F_30_NSYNC___DSASP 323816	25.21 1.36 0.00	25.27 1.37 0.00	25.59 1.35 0.00	26.80 1.28 0.00	25.74 1.14 0.00	31.03 1.28 0.00	39.43 1.95 0.00	43.50 2.50 0.00	41.33 2.19 0.00	39.03 1.95 0.00	39.31 1.95 0.00	32.69 1.38 0.00	31.53 1.30 0.00	34.81 1.58 0.00	39.00 1.76 0.00	38.44 1.99 0.00	34.83 1.92 0.00	49.86 2.90 0.00	36.92 2.05 0.00	30.42 1.63 0.00	33.92 1.86 0.00	32.12 1.45 0.00	33.95 1.31 0.00	33.92 1.14 0.00
V_F_30_SYNC_DSASP 323786	24.54 0.69 0.00	24.62 0.72 0.00	24.90 0.66 0.00	26.08 0.56 0.00	25.14 0.54 0.00	30.29 0.51 0.00	38.46 0.98 0.00	42.36 1.37 0.00	40.30 1.15 0.00	38.04 0.96 0.00	38.35 0.99 0.00	31.99 0.68 0.00	30.88 0.66 0.00	34.14 0.91 0.00	38.27 1.03 0.00	37.71 1.26 0.00	34.09 1.18 0.00	48.74 1.78 0.00	36.13 1.25 0.00	29.79 1.00 0.00	33.17 1.11 0.00	31.45 0.78 0.00	33.23 0.59 0.00	33.17 0.40 0.00
V_XM_10_SYNC_DSASP 323789	24.60 0.76 0.00	24.77 0.87 0.00	25.26 1.01 0.00	26.79 1.27 0.00	25.59 0.99 0.00	30.26 0.51 0.00	37.33 -0.14 0.00	41.33 0.33 0.00	39.51 0.36 0.00	37.59 0.52 0.00	38.37 1.02 0.00	32.40 1.08 0.00	31.31 1.09 0.00	34.62 1.40 0.00	38.72 1.49 0.00	37.99 1.54 0.00	33.95 1.05 0.00	48.29 1.33 0.00	35.84 0.97 0.00	29.86 1.07 0.00	33.22 1.16 0.00	31.99 1.33 0.00	34.21 1.56 0.00	34.81 2.03 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.76 0.91 0.00	24.73 0.83 0.00	25.01 0.76 0.00	26.27 0.75 0.00	25.34 0.74 0.00	30.84 1.10 0.00	39.51 2.03 0.00	43.47 2.48 0.00	41.42 2.27 0.00	39.04 1.97 0.00	39.41 2.05 0.00	32.87 1.56 0.00	42.92 1.27 -11.42	34.90 1.67 0.00	39.16 1.92 0.00	38.64 2.19 0.00	35.15 2.25 0.00	50.30 3.34 0.00	37.38 2.51 0.00	30.74 1.95 0.00	34.15 2.09 0.00	32.38 1.72 0.00	34.07 1.43 0.00	33.83 1.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.77 0.92 0.00	24.74 0.84 0.00	25.08 0.83 0.00	26.31 0.79 0.00	25.39 0.78 0.00	31.01 1.26 0.00	39.80 2.32 0.00	43.76 2.76 0.00	41.72 2.58 0.00	39.34 2.26 0.00	39.71 2.35 0.00	33.15 1.84 0.00	45.10 1.55 -13.33	35.24 2.01 0.00	39.52 2.29 0.00	39.05 2.61 0.00	35.50 2.59 0.00	50.69 3.73 0.00	37.71 2.84 0.00	30.95 2.16 0.00	34.37 2.31 0.00	32.59 1.92 0.00	34.29 1.65 0.00	34.02 1.25 0.00
W50THST__13_KV_LOAD 356117	24.92 1.07 0.00	24.90 1.00 0.00	25.23 0.99 0.00	26.47 0.95 0.00	25.55 0.95 0.00	31.21 1.46 0.00	40.09 2.61 0.00	44.10 3.10 0.00	42.11 2.96 0.00	39.73 2.65 0.00	40.10 2.74 0.00	33.49 2.17 0.00	45.43 1.88 -13.33	35.60 2.38 0.00	39.93 2.70 0.00	39.45 3.01 0.00	35.87 2.96 0.00	51.18 4.22 0.00	38.06 3.19 0.00	31.22 2.43 0.00	34.67 2.61 0.00	32.87 2.20 0.00	34.56 1.92 0.00	34.27 1.50 0.00
WADING RIVER_IC_1 23522	24.62 1.89 1.12	25.54 1.64 0.00	25.94 1.69 0.00	27.08 1.57 0.00	26.26 1.66 0.00	32.11 2.36 0.00	41.42 3.94 0.00	45.57 4.58 0.00	43.28 4.14 0.00	40.54 3.47 0.00	41.00 3.65 0.00	34.25 2.94 0.00	45.93 2.49 -13.22	36.48 3.25 0.00	41.21 3.98 0.00	41.17 4.40 -0.32	48.91 4.32 -11.69	60.33 6.37 -7.00	55.44 4.78 -15.78	46.78 3.74 -14.24	42.13 4.01 -6.07	34.30 3.61 -0.02	36.00 3.35 0.00	35.47 2.70 0.00
WADING RIVER_IC_2 23547	24.62 1.89 1.12	25.54 1.64 0.00	25.94 1.69 0.00	27.08 1.57 0.00	26.26 1.66 0.00	32.11 2.36 0.00	41.42 3.94 0.00	45.57 4.58 0.00	43.28 4.14 0.00	40.54 3.47 0.00	41.00 3.65 0.00	34.25 2.94 0.00	45.93 2.49 -13.22	36.48 3.25 0.00	41.21 3.98 0.00	41.17 4.40 -0.32	48.91 4.32 -11.69	60.33 6.37 -7.00	55.44 4.78 -15.78	46.78 3.74 -14.24	42.13 4.01 -6.07	34.30 3.61 -0.02	36.00 3.35 0.00	35.47 2.70 0.00
WADING RIVER_IC_3 23601	24.62 1.89 1.12	25.54 1.64 0.00	25.94 1.69 0.00	27.08 1.57 0.00	26.26 1.66 0.00	32.11 2.36 0.00	41.42 3.94 0.00	45.57 4.58 0.00	43.28 4.14 0.00	40.54 3.47 0.00	41.00 3.65 0.00	34.25 2.94 0.00	45.93 2.49 -13.22	36.48 3.25 0.00	41.21 3.98 0.00	41.17 4.40 -0.32	48.91 4.32 -11.69	60.33 6.37 -7.00	55.44 4.78 -15.78	46.78 3.74 -14.24	42.13 4.01 -6.07	34.30 3.61 -0.02	36.00 3.35 0.00	35.47 2.70 0.00
WALDENNY_12_KV_BK2 80841	22.62 -1.23 0.00	22.64 -1.26 0.00	23.00 -1.25 0.00	24.28 -1.24 0.00	23.62 -0.98 0.00	29.10 -0.65 0.00	36.61 -0.87 0.00	39.71 -1.28 0.00	38.26 -0.89 0.00	36.76 -0.31 0.00	37.32 -0.04 0.00	31.32 0.01 0.00	30.31 0.09 0.00	33.36 0.14 0.00	37.24 0.01 0.00	36.16 -0.29 0.00	32.63 -0.28 0.00	46.42 -0.54 0.00	34.62 -0.25 0.00	28.65 -0.14 0.00	31.89 -0.17 0.00	30.27 -0.40 0.00	31.92 -0.72 0.00	32.61 -0.17 0.00
WALDEN___HYDRO 24148	24.81 0.96 0.00	24.79 0.89 0.00	25.09 0.85 0.00	26.35 0.83 0.00	25.42 0.82 0.00	30.98 1.23 0.00	39.61 2.13 0.00	43.59 2.59 0.00	41.50 2.36 0.00	39.01 1.94 0.00	39.29 1.94 0.00	32.90 1.59 0.00	27.49 1.36 4.11	35.00 1.77 0.00	39.28 2.05 0.00	38.75 2.30 0.00	35.28 2.37 0.00	50.56 3.60 0.00	37.58 2.70 0.00	30.90 2.10 0.00	34.30 2.24 0.00	32.53 1.87 0.00	34.22 1.58 0.00	33.98 1.20 0.00
WARRENSBURG____ 23737	25.43 1.58 0.00	25.51 1.61 0.00	25.82 1.58 0.00	26.96 1.44 0.00	25.71 1.10 0.00	30.83 1.08 0.00	39.11 1.63 0.00	43.38 2.38 0.00	41.14 1.99 0.00	38.84 1.77 0.00	39.07 1.72 0.00	32.30 0.99 0.00	31.14 0.91 0.00	34.30 1.07 0.00	38.39 1.16 0.00	37.86 1.42 0.00	34.39 1.48 0.00	49.22 2.26 0.00	36.38 1.51 0.00	30.00 1.21 0.00	33.51 1.45 0.00	31.68 1.02 0.00	33.54 0.89 0.00	33.46 0.69 0.00

WATERSIDE___6 8 9 23538	24.76 0.91 0.00	24.74 0.84 0.00	25.08 0.83 0.00	26.31 0.79 0.00	25.39 0.79 0.00	30.97 1.22 0.00	39.76 2.28 0.00	43.73 2.74 0.00	41.71 2.57 0.00	39.34 2.26 0.00	39.73 2.37 0.00	33.17 1.85 0.00	45.06 1.55 -13.28	35.25 2.02 0.00	39.54 2.31 0.00	39.06 2.61 0.00	35.51 2.60 0.00	50.70 3.74 0.00	37.72 2.85 0.00	30.99 2.20 0.00	34.41 2.35 0.00	32.61 1.95 0.00	34.29 1.65 0.00	34.01 1.24 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.93 0.08 0.00	23.94 0.04 0.00	24.25 0.01 0.00	25.47 -0.05 0.00	24.52 -0.08 0.00	29.65 -0.10 0.00	37.64 0.16 0.00	41.46 0.46 0.00	39.51 0.37 0.00	37.33 0.25 0.00	37.49 0.13 0.00	31.35 0.03 0.00	30.26 0.03 0.00	33.41 0.18 0.00	37.39 0.16 0.00	36.81 0.37 0.00	33.44 0.53 0.00	47.74 0.78 0.00	35.42 0.55 0.00	29.23 0.44 0.00	32.52 0.46 0.00	30.91 0.24 0.00	32.70 0.05 0.00	32.61 -0.17 0.00
WATSON___69_KV_BK 1 55734	24.98 1.85 0.72	25.53 1.63 0.00	25.94 1.69 0.00	27.08 1.56 0.00	26.25 1.65 0.00	32.06 2.31 0.00	41.29 3.82 0.00	45.45 4.45 0.00	43.23 4.08 0.00	40.56 3.49 0.00	41.12 3.77 0.00	34.35 3.04 0.00	46.02 2.57 -13.22	36.60 3.37 0.00	41.20 3.97 0.00	41.11 4.33 -0.33	49.18 4.24 -12.03	60.39 6.23 -7.20	55.78 4.67 -16.24	47.17 3.68 -14.70	42.25 3.94 -6.25	34.21 3.52 -0.02	35.94 3.29 0.00	35.45 2.67 0.00
WDELAWARE___HYD 323627	24.48 0.62 0.00	24.51 0.61 0.00	24.82 0.58 0.00	26.10 0.58 0.00	25.18 0.58 0.00	30.67 0.92 0.00	39.27 1.79 0.00	43.17 2.17 0.00	41.07 1.93 0.00	38.54 1.47 0.00	38.90 1.55 0.00	32.49 1.18 0.00	31.27 1.04 0.00	34.61 1.38 0.00	38.83 1.60 0.00	38.34 1.89 0.00	34.95 2.04 0.00	50.04 3.07 0.00	37.26 2.39 0.00	30.61 1.82 0.00	34.02 1.96 0.00	32.21 1.55 0.00	33.87 1.22 0.00	33.67 0.89 0.00
WEST BABYLON___IC 23714	25.57 1.72 0.00	25.41 1.51 0.00	25.82 1.57 0.00	26.96 1.44 0.00	26.12 1.52 0.00	31.90 2.15 0.00	41.07 3.59 0.00	45.19 4.19 0.00	42.97 3.82 0.00	40.36 3.29 0.00	40.92 3.57 0.00	34.20 2.89 0.00	45.85 2.41 -13.22	36.40 3.17 0.00	40.95 3.72 0.00	40.87 4.08 -0.35	49.65 4.00 -12.74	60.45 5.87 -7.62	56.46 4.38 -17.21	47.92 3.46 -15.67	42.41 3.70 -6.65	33.99 3.30 -0.02	35.71 3.06 0.00	35.23 2.46 0.00
WEST CANADA___HYD 24049	23.82 -0.02 0.00	23.87 -0.02 0.00	24.22 -0.02 0.00	25.49 -0.03 0.00	24.57 -0.02 0.00	29.72 -0.03 0.00	37.56 0.08 0.00	41.14 0.14 0.00	39.26 0.12 0.00	37.19 0.11 0.00	37.46 0.10 0.00	31.38 0.06 0.00	30.28 0.06 0.00	33.32 0.09 0.00	37.27 0.04 0.00	36.56 0.11 0.00	33.07 0.16 0.00	47.20 0.24 0.00	35.05 0.17 0.00	28.93 0.14 0.00	32.22 0.16 0.00	30.74 0.08 0.00	32.67 0.03 0.00	32.74 -0.04 0.00
WESTERN_NY_WIND 24143	22.98 -0.86 0.00	22.98 -0.92 0.00	23.35 -0.89 0.00	24.65 -0.87 0.00	23.99 -0.61 0.00	29.54 -0.21 0.00	37.23 -0.25 0.00	40.35 -0.64 0.00	38.88 -0.27 0.00	37.29 0.22 0.00	37.67 0.31 0.00	31.64 0.32 0.00	30.55 0.32 0.00	33.67 0.45 0.00	37.66 0.42 0.00	36.69 0.24 0.00	33.15 0.24 0.00	47.15 0.18 0.00	35.14 0.27 0.00	29.05 0.26 0.00	32.26 0.20 0.00	30.61 -0.06 0.00	32.25 -0.39 0.00	32.84 0.06 0.00
WESTOVER___LESR 323668	23.63 -0.22 0.00	23.69 -0.21 0.00	24.00 -0.24 0.00	25.28 -0.24 0.00	24.37 -0.23 0.00	29.62 -0.13 0.00	37.61 0.13 0.00	41.21 0.22 0.00	39.36 0.21 0.00	37.40 0.33 0.00	37.72 0.36 0.00	31.60 0.29 0.00	30.51 0.29 0.00	33.64 0.41 0.00	37.71 0.48 0.00	36.91 0.46 0.00	33.48 0.57 0.00	47.78 0.81 0.00	35.52 0.65 0.00	29.28 0.49 0.00	32.49 0.43 0.00	30.93 0.27 0.00	32.65 0.00 0.00	32.81 0.03 0.00
WETHRSFD_WT_PWR 323626	21.90 -1.95 0.00	21.93 -1.97 0.00	22.25 -2.00 0.00	23.50 -2.02 0.00	22.58 -1.75 0.26	28.14 -1.61 0.00	35.65 -1.83 0.00	38.93 -2.07 0.00	37.53 -1.61 0.00	36.11 -0.97 0.00	36.37 -0.98 0.00	30.79 -0.52 0.00	27.29 -0.37 2.56	32.42 -0.28 0.53	36.65 -0.50 0.08	35.68 -0.76 0.00	31.87 -0.61 0.42	46.10 -0.86 0.00	34.44 -0.43 0.00	28.08 -0.36 0.35	29.97 -0.47 1.62	29.79 -0.65 0.22	31.64 -1.00 0.00	30.95 -0.52 1.30
WHAVSTOR_138KV_BK127 55557	24.67 0.82 0.00	24.64 0.74 0.00	24.92 0.68 0.00	26.18 0.66 0.00	25.25 0.65 0.00	30.73 0.98 0.00	39.36 1.88 0.00	43.29 2.30 0.00	41.24 2.09 0.00	38.88 1.81 0.00	39.24 1.88 0.00	32.73 1.41 0.00	46.05 1.12 -14.70	34.74 1.51 0.00	38.98 1.74 0.00	38.46 2.01 0.00	34.99 2.08 0.00	50.06 3.10 0.00	37.21 2.34 0.00	30.60 1.81 0.00	33.99 1.93 0.00	32.23 1.57 0.00	33.93 1.28 0.00	33.69 0.92 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.67 0.82 0.00	24.64 0.74 0.00	24.92 0.68 0.00	26.18 0.66 0.00	25.25 0.65 0.00	30.73 0.98 0.00	39.36 1.88 0.00	43.29 2.30 0.00	41.24 2.09 0.00	38.88 1.81 0.00	39.24 1.88 0.00	32.73 1.41 0.00	46.05 1.12 -14.70	34.74 1.51 0.00	38.98 1.74 0.00	38.46 2.01 0.00	34.99 2.08 0.00	50.06 3.10 0.00	37.21 2.34 0.00	30.60 1.81 0.00	33.99 1.93 0.00	32.23 1.57 0.00	33.93 1.28 0.00	33.69 0.92 0.00
WHITEHAL_115KV_TB1 80871	25.69 1.84 0.00	25.80 1.90 0.00	26.17 1.92 0.00	27.31 1.79 0.00	26.02 1.42 0.00	31.64 1.89 0.00	40.09 2.61 0.00	44.74 3.74 0.00	42.47 3.32 0.00	40.15 3.07 0.00	40.33 2.98 0.00	33.29 1.97 0.00	32.09 1.87 0.00	35.49 2.27 0.00	39.64 2.41 0.00	39.19 2.75 0.00	35.71 2.80 0.00	51.00 4.04 0.00	37.45 2.58 0.00	30.93 2.14 0.00	34.15 2.09 0.00	32.10 1.44 0.00	34.03 1.39 0.00	33.95 1.17 0.00
WHITEPLN_13_KV_LOAD 356215	24.98 1.13 0.00	24.95 1.05 0.00	25.30 1.06 0.00	26.54 1.03 0.00	25.62 1.02 0.00	31.23 1.48 0.00	40.03 2.55 0.00	44.08 3.09 0.00	42.01 2.87 0.00	39.63 2.55 0.00	39.98 2.62 0.00	33.35 2.03 0.00	46.22 1.79 -14.21	35.48 2.25 0.00	39.81 2.58 0.00	39.32 2.87 0.00	35.77 2.86 0.00	51.15 4.19 0.00	38.01 3.14 0.00	31.23 2.44 0.00	34.67 2.61 0.00	32.86 2.19 0.00	34.55 1.91 0.00	34.27 1.49 0.00
WM_FLOYD_69_KV_BK2 356380	24.57 1.82 1.10	25.48 1.58 0.00	25.88 1.64 0.00	27.01 1.50 0.00	26.20 1.60 0.00	32.02 2.27 0.00	41.28 3.80 0.00	45.42 4.42 0.00	43.14 4.00 0.00	40.43 3.35 0.00	40.91 3.56 0.00	34.17 2.85 0.00	45.85 2.41 -13.22	36.40 3.17 0.00	41.10 3.87 0.00	41.05 4.28 -0.32	48.80 4.18 -11.71	60.14 6.17 -7.01	55.31 4.62 -15.81	46.68 3.62 -14.27	42.01 3.87 -6.08	34.17 3.48 -0.02	35.88 3.23 0.00	35.36 2.58 0.00
WOODARD__115KV_TB2 355635	23.31 -0.54 0.00	23.35 -0.55 0.00	23.67 -0.58 0.00	24.91 -0.61 0.00	24.04 -0.56 0.00	29.15 -0.59 0.00	36.83 -0.65 0.00	40.14 -0.86 0.00	38.35 -0.80 0.00	36.42 -0.65 0.00	36.73 -0.63 0.00	30.78 -0.53 0.00	29.70 -0.52 0.00	32.71 -0.51 0.00	36.63 -0.60 0.00	35.91 -0.53 0.00	32.53 -0.38 0.00	46.41 -0.55 0.00	34.50 -0.37 0.00	28.46 -0.33 0.00	31.62 -0.44 0.00	30.11 -0.56 0.00	31.91 -0.73 0.00	32.10 -0.67 0.00

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